Noise Assessment – Site Alteration & Fill Management Plan

5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

5783 Bloomington Road, Stouffville, ON L4A 7X3

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Revision	Date	Prepared By	Checked By	Authorized By
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Acronyms and Abbreviations

AADT	Average Annual Daily Traffic
dBA	Decibels (A-weighted)
FTA	Federal Transit Administration
ISO	International Organization for Standardization
ITE	Institute of Transportation Engineers
L_{eq}	Energy Equivalent Sound Level
MECP	Ministry of the Environment, Conservation and Parks
OPOR	Outdoor Points of Reception
ORNAMENT	Ontario Road Noise Analysis Method for Environment and Transportation
POR	Points of Reception
SA&FM Plan	Site Alteration and Fill Management Plan

1.0 Introduction

SLR Consulting (Canada) Ltd. (SLR) was retained by 1398493 Ontario Inc. (client), to prepare a noise impact assessment as part of the Site Alteration and Fill Management Plan (SA&FM Plan) for the site located at 5783 Bloomington Road, Stouffville (Project site). The Project site is approximately 34 hectares in size and was previously used as a gravel pit extraction operation; the goal is to restore the land for agricultural use by clean-filling the site up to historical grades.

The Project site will be filled and graded in three phases: Phase 1, Phase 2, and Phase 3. Filling and grading will start from the northwest of the Project site and finish at the east.

Analysis contained in this report was based on a review of the final grading plans for the proposed Project site. Phasing and Final grading plans are included for reference in Appendix A. This assessment considers all operations associated with the proposed application, including material delivery by trucks, a dewatering pump, and management of fill materials by dozers, front end loaders, and an excavator.

This report has been prepared in accordance with the Town of Whitchurch-Stouffville Guideline for Site Alteration and Fill Permit, Section 9.5 j) – Background Studies and Documents and applicable Ministry of the Environment, Conservation and Parks (MECP) Publication NPC-300.

The purpose of the assessment is to evaluate overall noise emissions during the SA&FM with respect to MECP noise guidelines, which are stipulated as guidelines to consider in The Town of Whitchurch-Stouffville Guideline for Site Alteration and Fill Permit.

A scaled area location plan showing the site with respect to the surrounding area and modelled noise-sensitive receptors is provided in Figure 1. A site layout plan, showing the Project arrangement and significant continuous noise source locations, is provided in Figures 2 to 4.

Noise-sensitive points of reception (PORs) were selected that are representative of the worst-case noise receptors in all directions surrounding the Project. For the purpose of this assessment, five (5) existing residential properties have been selected to represent the sensitive PORs, labelled as R1 to R5. Outdoor Points of Reception (OPORs) associated with PORs were identified for and assessed, labelled R1_O to R5_O.

2.0 Description of Site and Surrounding Area

The Project site is located at 5783 Bloomington Road, in the Township of Whitchurch-Stouffville.

The purpose of the SA&FM plan is to restore the land by clean-filling the site up to historical grades. The site will be filled and graded in three (3) phases from west to east across the Project site.

The equipment used to manage fill materials will include up to two (2) dozers, heavy trucks delivering fill material, occasionally supported by a front-end loader or excavator. Other noise sources on site will include a dewatering pump.

The hours of operation for construction equipment will be limited to 0700 to 1900h per Whitchurch-Stouffville By-law Number 2019-092-RE. A copy of the By-law is included in Appendix B. The dewatering pump may need to occasionally operate during evening and nighttime periods.

Representative PORs surrounding the Project site are:

- Residential homes approximately 30 m north on the other side of Bloomington Road;
- Residential homes directly adjacent to the east; and
- Residential home approximately 180 m south.

No noise-sensitive receptors were identified within 500 m west of the Project site.

The background sound level in the area is dominated by road traffic noise on Bloomington Road as well as Ninth line.

3.0 Applicable Noise Guidelines

3.1 MECP Publication NPC-300 Guidelines

The sound level limits for this assessment of noise associated with the SA&FM Plan were established in accordance with MECP Publication NPC-300. Though temporary construction activities are not considered as stationary sources in the context of Part B and Part C of the guideline (NPC-300 Section A5), the Town of Whitchurch-Stouffville Guideline for Site Alteration and Fill Permit, Section 9.5 j) – Background Studies requires that the potential for noise from site alteration to be evaluated as per NPC-300.

The Project is located in the Township of Whitchurch-Stouffville, Ontario. Based on the geographical location, the subject area is conservatively defined as Class 2, as per MECP Publication NPC-300. NPC-300 describes a Class 2 Area as an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 areas: sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours); and low evening and night background sound level defined by natural environment and infrequent human activity starting as early as 19:00 hours (19:00 or 23:00 to 07:00 hours). The NPC-300 guideline sets out sound level limits for two main types of noise sources:

- Non-impulsive, “continuous” noise sources such as from ventilation fans, mechanical equipment, and vehicles moving within the property boundary of an industry. Continuous noise is measured using 1-hour average sound levels (L_{eq} (1-hr) values), in dBA; and
- Impulsive noise, which is a “banging” type noise characterized by rapid rise time and decay. Impulsive noise is measured using a logarithmic mean (average) level (L_{LM}) of the impulses in a one-hour period, in dBAI.

The applicable sound level limits at a POR or OPOR are the higher of:

- The existing ambient sound level due to road traffic; or
- The exclusion limits set out in the guideline.

The on-site noise sources are categorized as non-impulsive sources. The exclusionary One Hour Equivalent Sound Level (L_{eq}) limits based on NPC-300 are summarized in Table A.

Table A: NPC-300 Continuous (Steady, Non-Impulsive) Sound – Exclusionary Limits

POR Category	Time Period	Minimum Exclusionary Sound Level Limit L_{eq}(1-hr), dBA[1]			
		Class 1	Class 2	Class 3	Class 4
Outdoor Point of Reception	Daytime (0700-1900h)	50	50	45	55
	Evening (1900-2300h)	50	45	40	55
	Night-time (2300-0700h)	N/A[3]	N/A[3]	N/A[3]	N/A[3]
Plane of Window [2]	Daytime (0700-1900h)	50	50	45	60
	Evening (1900-2300h)	50	50	40	60
	Night-time (2300-0700h)	45	45	40	55

Notes: [1] Or minimum hourly L_{eq} of background noise; whichever is higher.
[2] Applicable for windows opening into "noise-sensitive spaces" as defined in NPC-300.
[3] Sound level limits during night-time hours are not applicable at outdoor points of reception.

Due to the proximity of most PORs to Bloomington Road, the existing ambient sound levels due to road traffic were considered for this assessment. Refer to Section 3.2 below.

It should be noted that NPC-300 sound level limits summarized in Table A typically only apply to stationary sources. Based on definitions in the NPC-300 guideline, temporary construction activities are not considered as stationary sources of noise subject to sound level limits in Part B and C, where the guideline limits summarized in Table A are presented. A stationary source is defined in NPC-300 as a source of sound or combination of sources of sound that are included and normally operated within the property lines of a facility, unless the dominant source of sound on those premises is construction.

Sound level limits commonly used in assessment of construction noise are typically higher than those included in NPC-300. For example, in the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual (2018), construction noise limits are presented for Detailed Analysis of construction noise. For Residential Areas, the L_{eq}(8-hr) limits during Day and Night periods are 80 dBA and 70 dBA, respectively, with a 30-day average sound level limit of 75 dBA. Therefore, while the Project site is considered to be located in a Class 2 Area in accordance with NPC-300 definitions, Class 4 limits may be more appropriate for assessment of typical noise levels from construction activities. Nonetheless, this assessment has been completed considering the more stringent Class 2 Area limits.

3.2 Ambient Sound Levels

A site visit to the Project site and surrounding area were completed by SLR personnel on April 16, 2024 during daytime hours to investigate surrounding receptors. The Project Site was found have an acoustic environment generally dominated by ambient road traffic.

Ambient sound levels due to road traffic from Bloomington Road and Ninth Line were anticipated to exceed the NPC-300 Class 2 Area exclusionary limits for most surrounding PORs. Therefore, minimum hourly sound levels for all times of day from surrounding roadways were assessed and the corresponding applicable guideline limits were determined.

3.2.1 Road Traffic Noise

Table B summarizes the current road traffic volumes and details applied in the ambient road noise modelling assessment.

For Bloomington Road, and Ninth Line, 2023 and 2018 road traffic volumes respectively were obtained from the Region of York (refer to Appendix C).

Minimum hourly traffic volumes as percentages of AADT volumes were based on a standard Institute of Transportation Engineers (ITE) hourly traffic distribution. Commercial vehicle percentages were obtained from the Region of York.

Table B: Summary of Road Traffic Data Used to Determine Minimum 1-hr Ambient Sound Levels

Roadway Link	Current Traffic Volumes	Minimum Day/Evening/Night Hour Volume as % of AADT			Commercial Vehicle Breakdown		Vehicle Speed (km/hr)
		Day	Eve	Night	% Medium Trucks	% Heavy Trucks	
Bloomington Road[1]	22,010	3.5	2.5	0.2	3.0	4.0	70
Ninth Line[1]	6,200	3.5	2.5	0.2	2.0	2.0	70
Notes: [1] Year 2023 and 2018 traffic volumes obtained from the Region of York.							

Road traffic sound levels at the proposed development were predicted using Cadna/A software, a commercially available noise propagation modelling software package that implements the ISO-9613 algorithms. Roadways were modelled as line sound sources, with sound emission rates calculated using the ORNAMENT algorithms, the road traffic noise model of the MECP. These predictions were validated and are equivalent to those made using the MECP's ORNAMENT or STAMSON v5.04 road traffic noise models. STAMSON validation files and outputs are included for reference in Appendix C.

Sound levels were predicted at discreet points representing PORs and OPORs using the "Receiver" feature of Cadna/A. As all representative PORs are two-stories tall, a receptor height of 4.5 m (representing a second storey open plane of a window), was assessed for all PORs. A receptor height of 1.5 m was assessed for each OPOR. Worst-case locations were selected for all PORs.

3.2.2 Predicted Ambient Sound Levels

Daytime ambient sound levels due to road traffic, calculated in accordance with methods outlined in **Section 3.1.1**, are summarized in **Table C**.

Table C: Summary of Ambient Sound Levels Due to Road Traffic

Point of Reception		Predicted Daytime Road Traffic Sound Level, L_{eq}(1-hr), dBA		
		Phase 1[1][2]	**Phase 2**[1][2]	**Phase 3**[1][2]
POR	R1	59	59	59
	R2	51	51	50
	R3	49	49	48
	R4	49	49	49
	R5	63	63	63
OPOR	R1_O	61	61	61
	R2_O	51	51	50
	R3_O	48	48	48
	R4_O	47	47	47
	R5_O	69	69	69

Notes: [1] Includes progressive final grade heights.
[2] Includes proposed acoustic barriers. See Section 5.0.

The greater value of either the default Class 2 minimum exclusionary limit or the predicted sound levels outlined in Table C were considered in the assessment of sound levels from the SF&AM Plan.

4.0 Assessment Methodology

4.1.1 Operating Conditions/Scenarios

MECP Publication NPC-300 requires assessment of a predictable worst-case operating noise impact. This is defined as the one-hour period when noise emissions from the source(s) have the greatest impact at a POR, relative to the applicable limit

As the Project site is planned to be filled and graded in three phases, three operational phases (Phase 1, Phase 2, and Phase 3) were considered and assessed separately.

Based on the received information, the worst-case hourly operating scenarios in each Phase includes the following sources:

- Thirty-eight (38) heavy trucks entering and leaving the Project site;
- Two (2) dozers;
- One (1) front-end loader; and
- One (1) dewatering pump.

As a conservative approach, all sources noted were assumed to be operating simultaneously in each Phase, anywhere win the respective Phase area.

The modelled locations of the above-noted noise sources for each Phase can be found in Figure 2, Figure 3, and Figure 4 for Phase 1, Phase 2, and Phase 3 respectively.

It is understood that the dewatering pump may be operated during evening and nighttime hours. A worst-case scenario of the pump operating during nighttime hours was considered separately. The modelled noise source location is the same as the location shown in Figure 4. This location is considered to result in a predictable worst-case nighttime impact, due to its proximity to representative receptors east and south of the Project site.

4.1.2 Source Sound Level Data

Sound power levels for noise sources were obtained from manufacturers data, provided for reference in Appendix D, or historical information contained in the SLR database. The on-site noise sources associated with the Project site are listed in Table D.

Tailgate slamming for dump trucks on the Project site must be administratively controlled to ensure the impulsive noise source is not present at the Project site. Impulsive noise from tailgate slamming has not been quantitatively assessed. Refer to Section 6.2.

Table D: Sound Level Summary

Source	Maximum Number Operating on Site in Worst-Case Hour	Overall Sound Power Level (dBA)
Heavy Truck Movements	38/hour	100
CAT D6 Dozer	2	113
CAT 920 Front-end Loader	1	103
CAT 320 Excavator	1	99
6” Dewatering Pump	1	97

As the front-end loader and excavator are only planned to be used occasionally, only one of the two will be operating at a given time. As a conservative assessment, all equipment, excluding the excavator, were nonetheless assumed to be operating simultaneously during all daytime hours.

4.1.3 Noise Impact Modelling

The modelled noise impacts were calculated using Cadna/A, a prediction software consistent with the International Organization for Standardization (ISO) 9613-2 standard.

The model took into consideration the layout of the Project site, the location of the sources, and the surrounding topography. As described in ISO 9613-2, ground factor values that represent the effect of ground absorption on sound levels range between 0 and 1. Based on the specific site conditions, the ground absorption coefficients used in the modelling include G = 0, G = 0.5, and G = 1 for default global setting/ponds, dirt (expected Project site conditions), and grassy areas, respectively. Building reflections have been considered (reflection order = 1), with a typical facade absorption coefficient of 0.37 applied. 1 m resolution topographic contours from the Region of York open data were used in the modelling of the existing (pre-filled/graded) Project site and surrounding area to account for varying terrain.

As the Project site is planned to be graded in three Phases, ground height contours for each Phase were sequentially updated from the existing grade to the finished grade. Final grading plans with the highest topographic elevations were considered for each Phase, as this is expected to result in the worst-case noise impact at surrounding receptors (due to minimal shielding from any existing topographic features or recommended mitigation measures, discussed in Section 5.0).

A sample Cadna/A sample calculation output file for POR R2 is included for reference in Appendix E.

5.0 Noise Control Measures

The Project site currently includes hilly terrain sloping up to the north and west. Based on preliminary noise impact modelling, berm/barrier combinations are required adjacent to the east and south property lines. Planned berm/barrier layouts are included in Figure 5a and Figure 5b. The berm or berm/barrier combination along the east property line is planned to be a minimum of 7.0 m above grade. The berm or berm/barrier combination along the south property line is planned to be a minimum of 3.0 m above grade. Top of berm/barrier elevations are outlined in Table E below.

Table E: Acoustic Barrier Elevation Summary

Location	Notes	Linear Distance[1]	Top of Berm/Barrier Elevation (m)
Adjacent to East Property Line	Barrier Start (Northeast Corner)	0	332.7
	Direction Change to South	9.4	332.7
		23.7	331.8
		48.4	330.9
		75.4	330.6
		99.4	330.0
		123.9	329.6
		148.5	328.8
		173.4	328.1
		193.2	328.0
		204.8	328.0
		230.6	327.8
		253.7	327.3
		271.5	326.9
		278.9	326.7
		298.8	326.4
		306.9	326.3
		322.5	326.0
		331.2	325.8
	7.0 m Barrier End (Southeast Corner)	344.6	325.6

Location	Notes	Linear Distance[1]	Top of Berm/Barrier Elevation (m)
Adjacent to South Property Line	3.0 m Barrier Start (Southeast Corner)	0.0	321.6
		10.1	322.0
		30.0	322.6
		40.57	322.2
		53.13	322.7
		64.85	323.1
		74.73	323.4
		102.23	323.0
		130.26	324.0
		166.47	323.0
		182.39	323.0
		209.51	323.0
	Barrier End (West)	221.31	323.0
Notes: [1] Defined at the linear distance from the southeast corner of the acoustic barrier.			

The acoustic barriers must be constructed of materials with mass to adequately attenuate the noise (generally a minimum surface density of 20 kg/m^2). The berm/barrier should be free of gaps and cracks on the sides and bottom, except for small, localized openings required for drainage purposes.

An earthen berm with top-of-berm heights noted in Table E are planned to address the barrier requirements. Based on discussions with the project team, it is understood that the two ponds at the east side of the Project site would need to be filled in order to accommodate the bottom breadth of the 7 m tall berm on the east side of the Project site. Filling the ponds and construction the berm is expected to take approximately 4 - 6 months to complete. Due to the duration of the construction, it is recommended that the berm construction on the east side of the Project site is completed in phases. The first phase will include the immediately construction of a 3 m berm at the location shown in Figure 5a. The berm can then be increased in height gradually as the pond is sufficiently filled and construction progresses. With 3 m tall berm, the predicted noise levels at the closest receptors are predicted to be below the MECP Class 4 exclusionary limits in NPC-300.

6.0 Assessment Results

6.1 Predicted Sound Levels

Considering full implementation of the mitigation measures outlined in Section 5.0 (with the berm on the east side of the Project site constructed to its full height), the predicted sound levels at each POR and OPOR are presented in the following tables as well as Figure 6, Figure 7, Figure 8, and Figure 9 for Phase 1, Phase 2, Phase 3, and the dewatering pump during all times of day, respectively.

Table F: Predicted Sound Levels from Construction Activities (All Sources)

Point of Reception		Predicted Daytime Sound Level L_{eq}(1-hr), dBA[1][2]			Applicable Guideline Limit (dBA) L_{eq}(1-hr), dBA[1][2]			Meets Limit? (Yes/No)
		Phase 1	Phase 2	Phase 3	Phase 1	Phase 2	Phase 3	
POR	R1	51	51	57	59	59	59	Yes
	R2	40	42	50	51	51	50[3]	Yes
	R3	40	43	50	50[3]	50[3]	50[3]	Yes
	R4	42	46	47	50[3]	50[3]	50[3]	Yes
	R5	55	49	48	63	63	63	Yes
OPOR	R1_O	51	51	58	61	61	61	Yes
	R2_O	40	43	48	51	51	50	Yes
	R3_O	39	43	48	50[3]	50[3]	50[3]	Yes
	R4_O	38	45	47	50[3]	50[3]	50[3]	Yes
	R5_O	55	47	43	69	69	69	Yes

Notes: [1] Includes progressive final grade heights.
[2] Includes proposed acoustic barriers.
[3] Minimum exclusionary limit for Class 2 area is applicable.

Table G: Predicted Sound Levels from Dewatering Pump Only

Point of Reception		Predicted Sound Level L_{eq}(1-hr), dBA[1][2]			Applicable Guideline Limit (dBA) L_{eq}(1-hr), dBA			Meets Limit? (Yes/No)
		Daytime	Evening	Nighttime	Daytime	Evening	Nighttime	
POR	R1	32	32	32	59	58	46	Yes
	R2	30	30	30	50[3]	50[3]	45[3]	Yes
	R3	31	31	31	50[3]	50[3]	45[3]	Yes
	R4	28	28	28	50[3]	50[3]	45[3]	Yes
	R5	27	27	27	63	62	50	Yes
OPOR	R1_O	32	32	32	61	59	48	Yes
	R2_O	28	28	28	50[3]	48	45[3]	Yes
	R3_O	29	29	29	50[3]	46	45[3]	Yes
	R4_O	28	28	28	50[3]	45[3]	45[3]	Yes
	R5_O	21	21	21	69	67	56	Yes

Notes: [1] Includes final grade heights.
[2] Includes proposed acoustic barriers.
[3] Minimum exclusionary limit for Class 2 area is applicable.

Predictable worst-case sound levels during each Phase of the SA&FM plan are at or below the applicable guideline limits with the planned noise control measures in place.

6.2 Additional Recommendations

As discussed in Section 4.1.2, tailgate slamming must be administratively controlled on the Project site. Tailgate slamming is to be prohibited at all times. Truck drivers must be informed of the prohibition on tailgate slamming. Signage should be posted at the Project site entrance, reminding drivers that tailgate slamming during dumping of fill materials is prohibited.

It should also be noted that, although the predicted sound levels are below the applicable guideline limits at all locations, tonal backup alarms from construction equipment may be audible at the PORs and may be considered a nuisance by the residents, depending on the frequency of occurrence. To minimize the potential noise complaints, it is recommended that broadband backup alarms be adopted, especially for Phase 3 of the SA&FM plan, when equipment will be located closest to residences.

Temporary construction operations are not typically assessed under the definitions outlined in NPC-300. Therefore, residents should be warned in advance about raised sound levels during the construction and deconstruction processes of the acoustic barriers along the eastern and southern boundaries of the Project site.

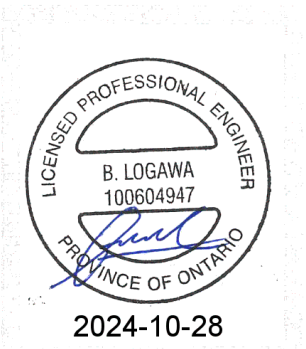
7.0 Conclusions

SLR was retained to conduct a noise impact assessment for the proposed SA&FM plan at 5783 Bloomington Road in the Township of Whitchurch-Stouffville. The assessment was conducted to determine compliance with respect to the applicable MECP noise guidelines.

Noise impact modelling of predictable worst-case operations during each Phase of the SA&FM plan was completed. It was determined that with the noise mitigation measures outlined in Section 5.0 of this report, applicable limits are predicted met at all surrounding receptors.

Regards,

SLR Consulting (Canada) Ltd.



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8.0 References

Federal Transit Administration (2018). Transit Noise and Vibration Impact Assessment Manual, September 2018.

International Organization for Standardization, ISO 9613-2: Acoustics – Attenuation of Sound During Propagation Outdoors Part 2: General Method of Calculation, Geneva, Switzerland, 1996.

Ontario Ministry of the Environment and Climate Change, Model Municipal Noise Control By-Law Publication NPC-103, August 1978.

Ontario Ministry of the Environment and Climate Change, Model Municipal Noise Control By-Law Publication NPC-104, August 1978.

Ontario Ministry of the Environment and Climate Change, Publication NPC-233: *Information to be Submitted for Approval of Stationary Sources of Sound*, October 1995.

Ontario Ministry of the Environment and Climate Change, Publication NPC-300: *Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning*, August 2013.

Town of Whitchurch-Stouffville (2019). Guideline for Site Alteration and Fill Permit, Section 9.5 j.

Town of Whitchurch-Stouffville (2022). By-Law Number 2019-092-RE.

Figures

Noise Assessment – Site Alteration & Fill Management Plan

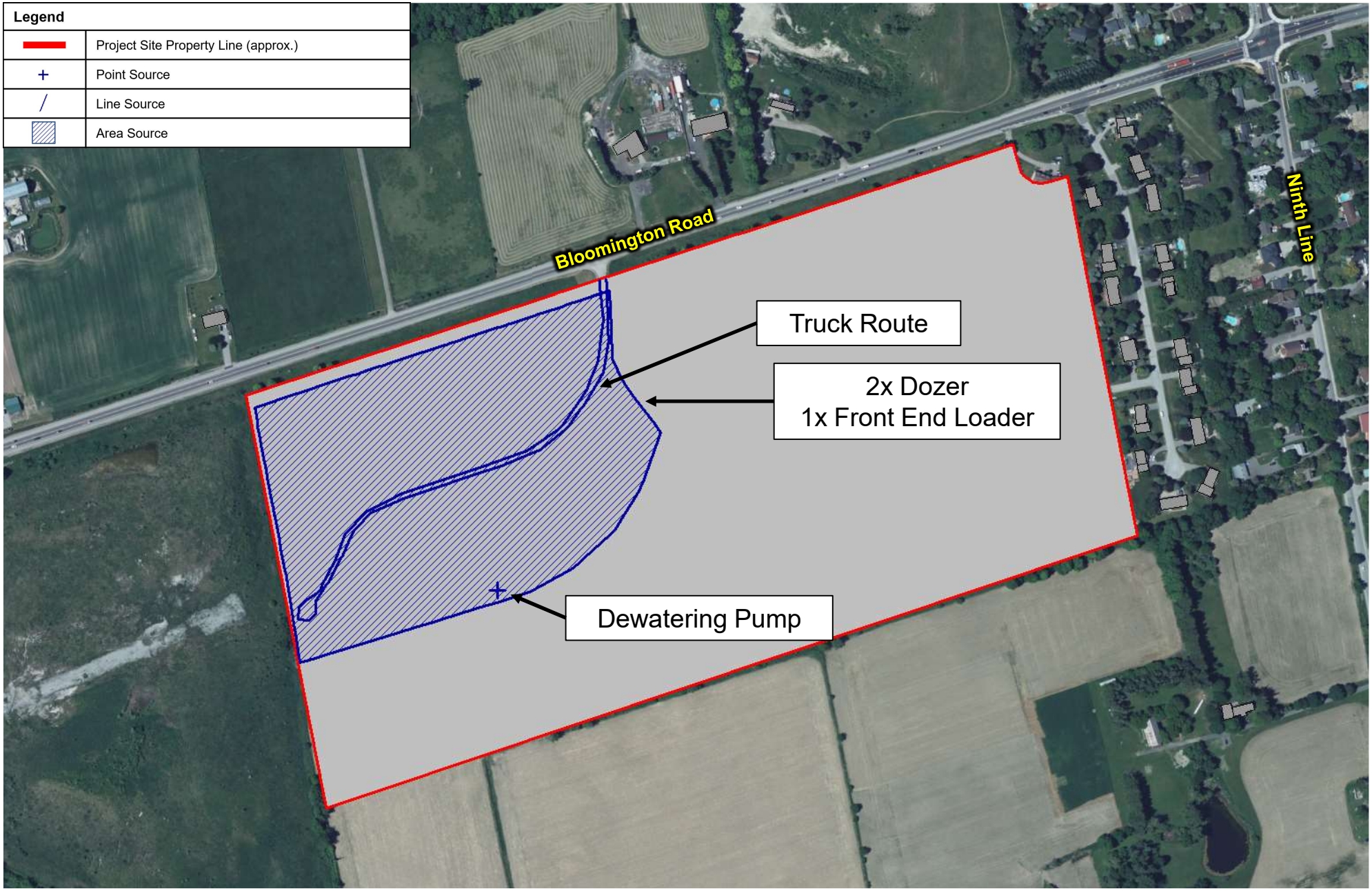
5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

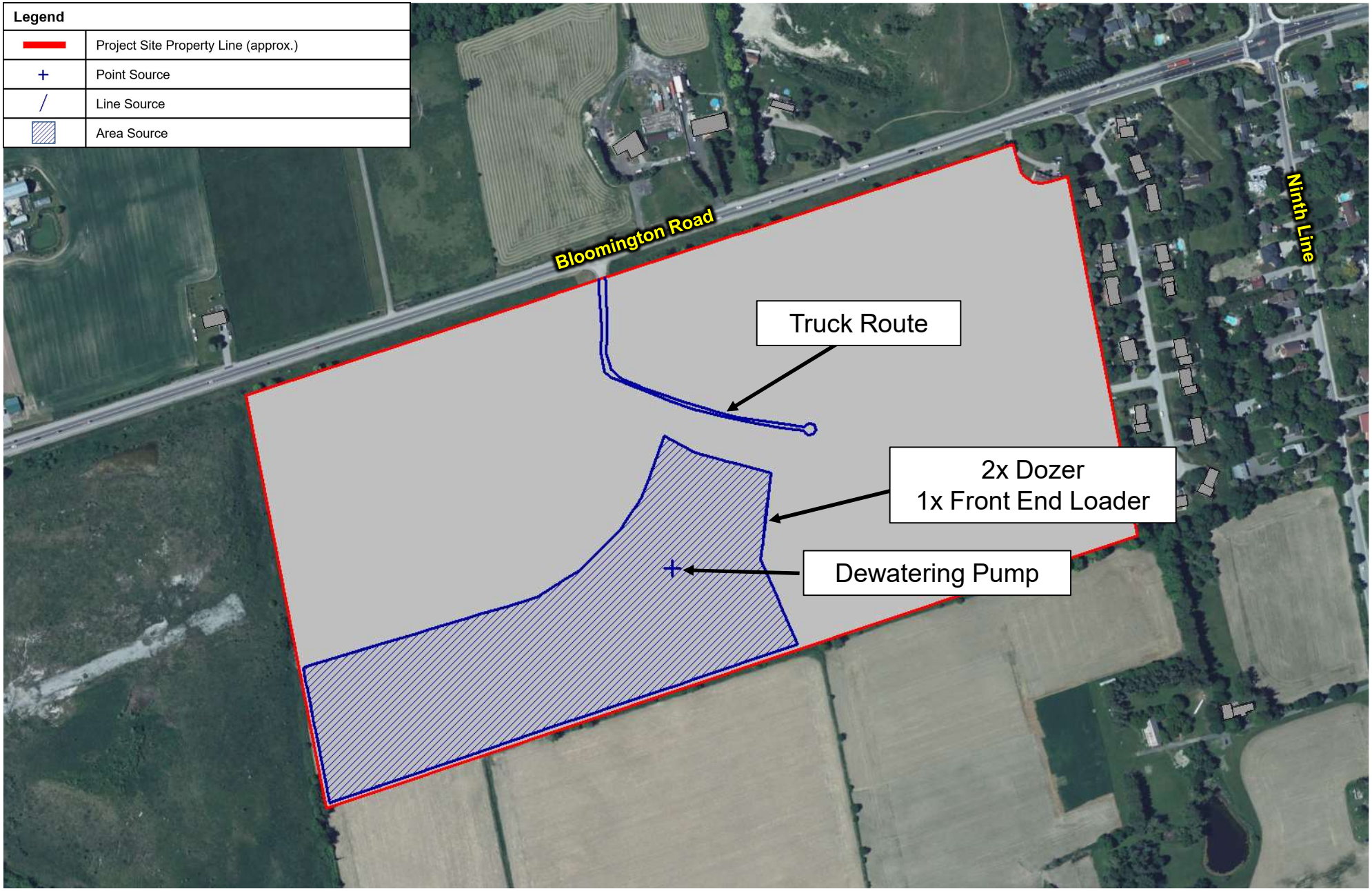
SLR Project No.: 241.031348.00001

October 28, 2024

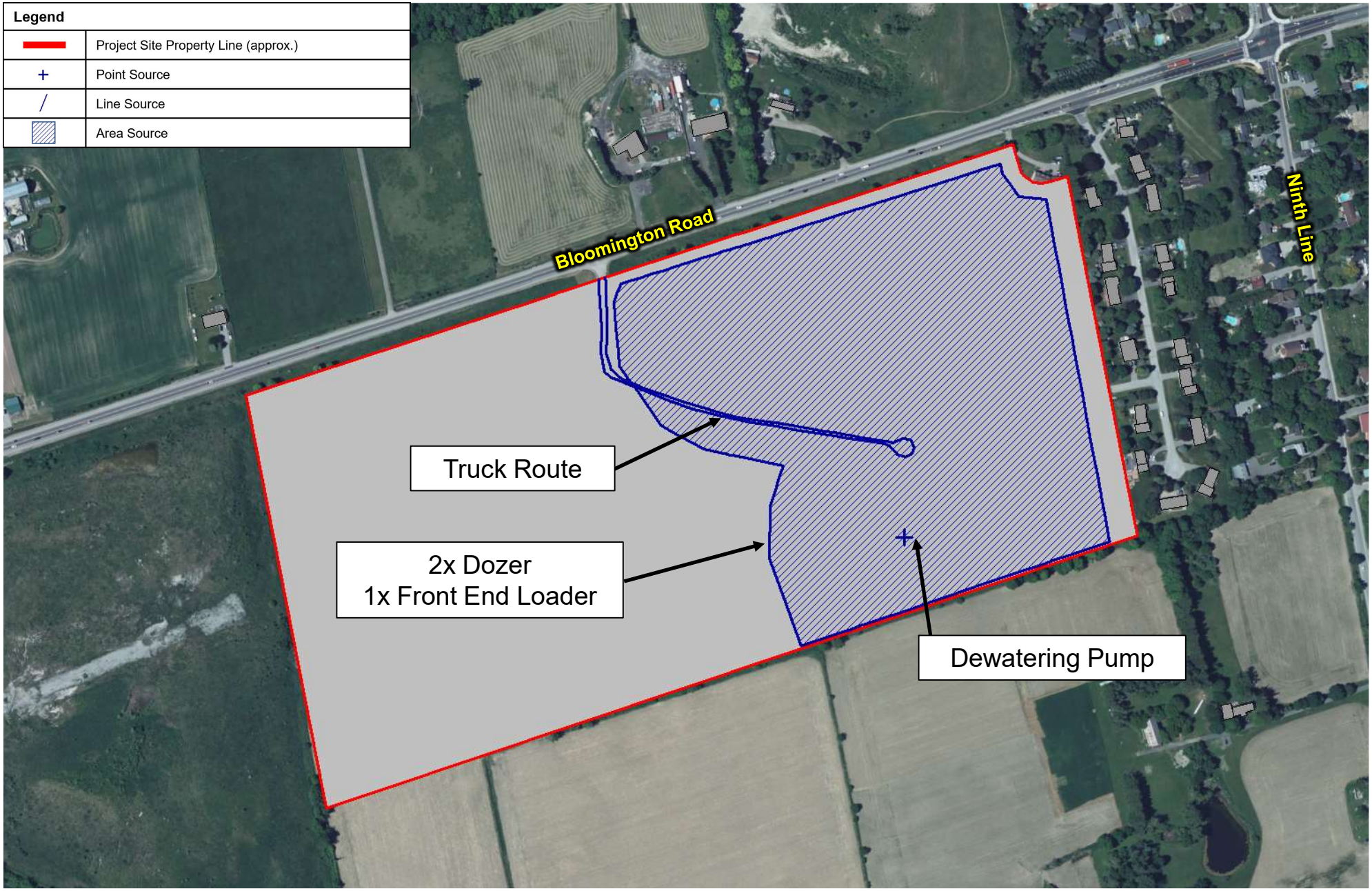
1398493 ONTARIO INC.	True North	Scale: 1: 5,000	METRES	SLR
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **1**	
SCALED AREA LOCATION PLAN – SHOWING MODELLED POINTS OF RECEPTION		Project No. 241.031348.00001		



1398493 ONTARIO INC.	True North	Scale: 1: 5,000	METRES	SLR
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **2**	
SITE LAYOUT PLAN, SHOWING MODELLED NOISE SOURCE LOCATIONS – PHASE 1		Project No. 241.031348.00001		



1398493 ONTARIO INC.	True North	Scale: 1: 5,000	METRES	SLR
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **3**	
SITE LAYOUT PLAN, SHOWING MODELLED NOISE SOURCE LOCATIONS – PHASE 2		Project No. 241.031348.00001		



1398493 ONTARIO INC.	True North	Scale: 1: 5,000	METRES	SLR
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **4**	
SITE LAYOUT PLAN, SHOWING MODELLED NOISE SOURCE LOCATIONS – PHASE 3		Project No. 241.031348.00001		

1398493 ONTARIO INC.

SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE

EAST BERM/BARRIER COMBINATION ELEVATIONS

True North

Scale: 1: 2,000

METRES

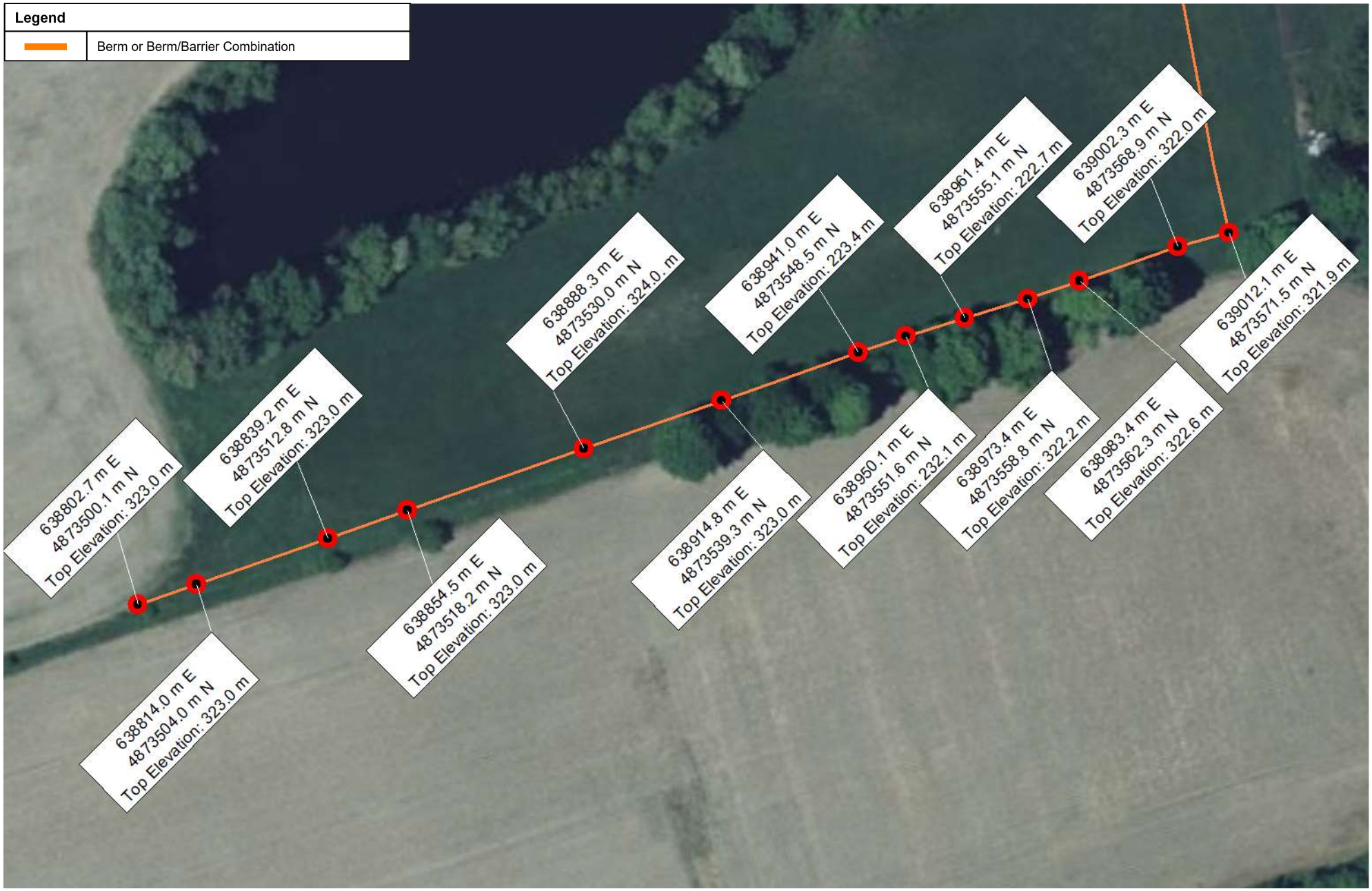
Date: Oct. 28, 2024

Rev. A

Project No.
241.031348.00001

Figure No.
5a

SLR



1398493 ONTARIO INC.

SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE

SOUTH BERM/BARRIER COMBINATION ELEVATIONS

True North

Scale: 1: 1,250

METRES

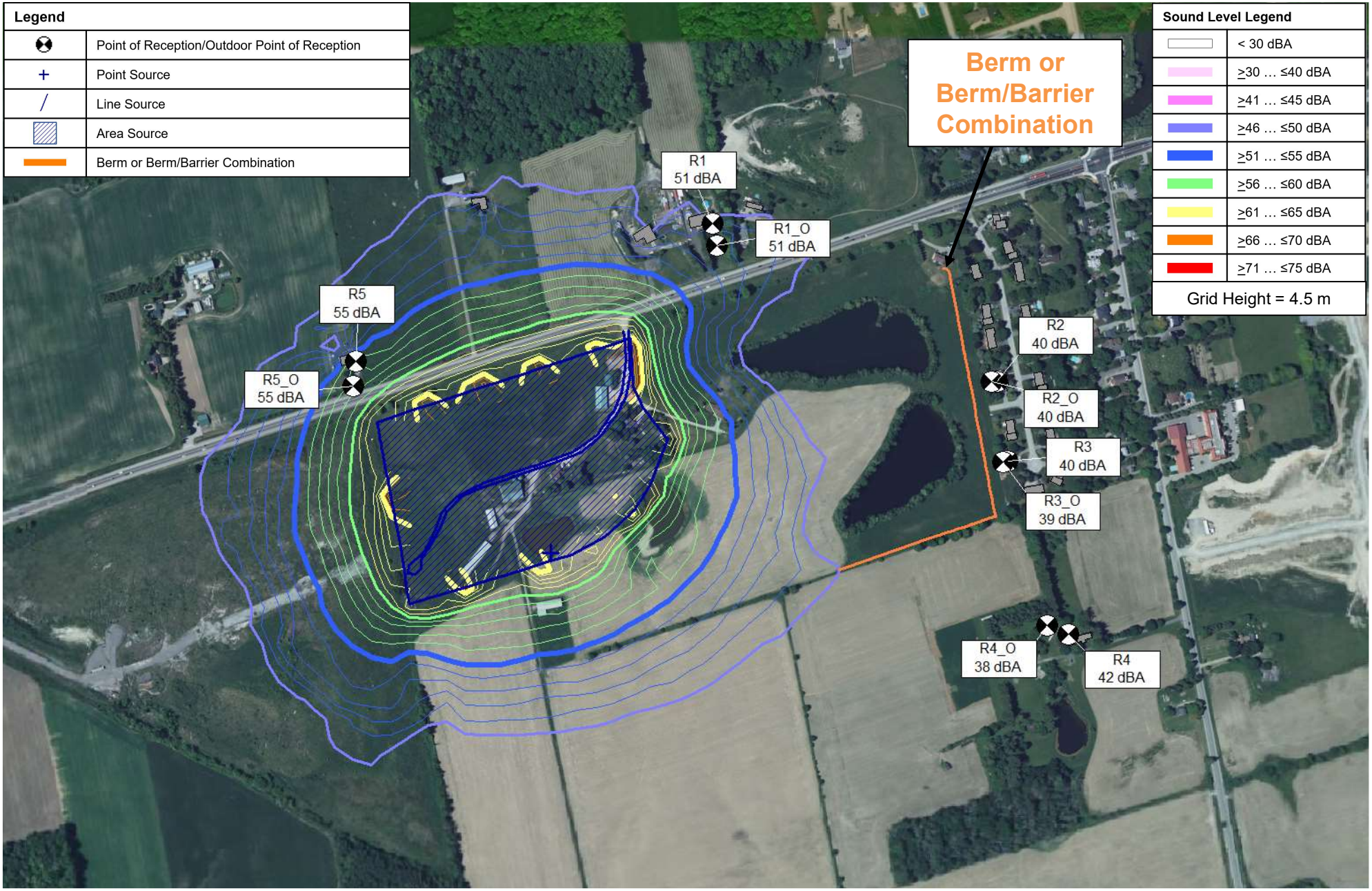
Date: Oct. 28, 2024

Rev. A

Project No.
241.031348.00001

Figure No.
5b

SLR



1398493 ONTARIO INC.

SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE

PREDICTED SOUND LEVELS, DAYTIME HOURS – PHASE 1

True North

Scale: 1: 7,000

METRES

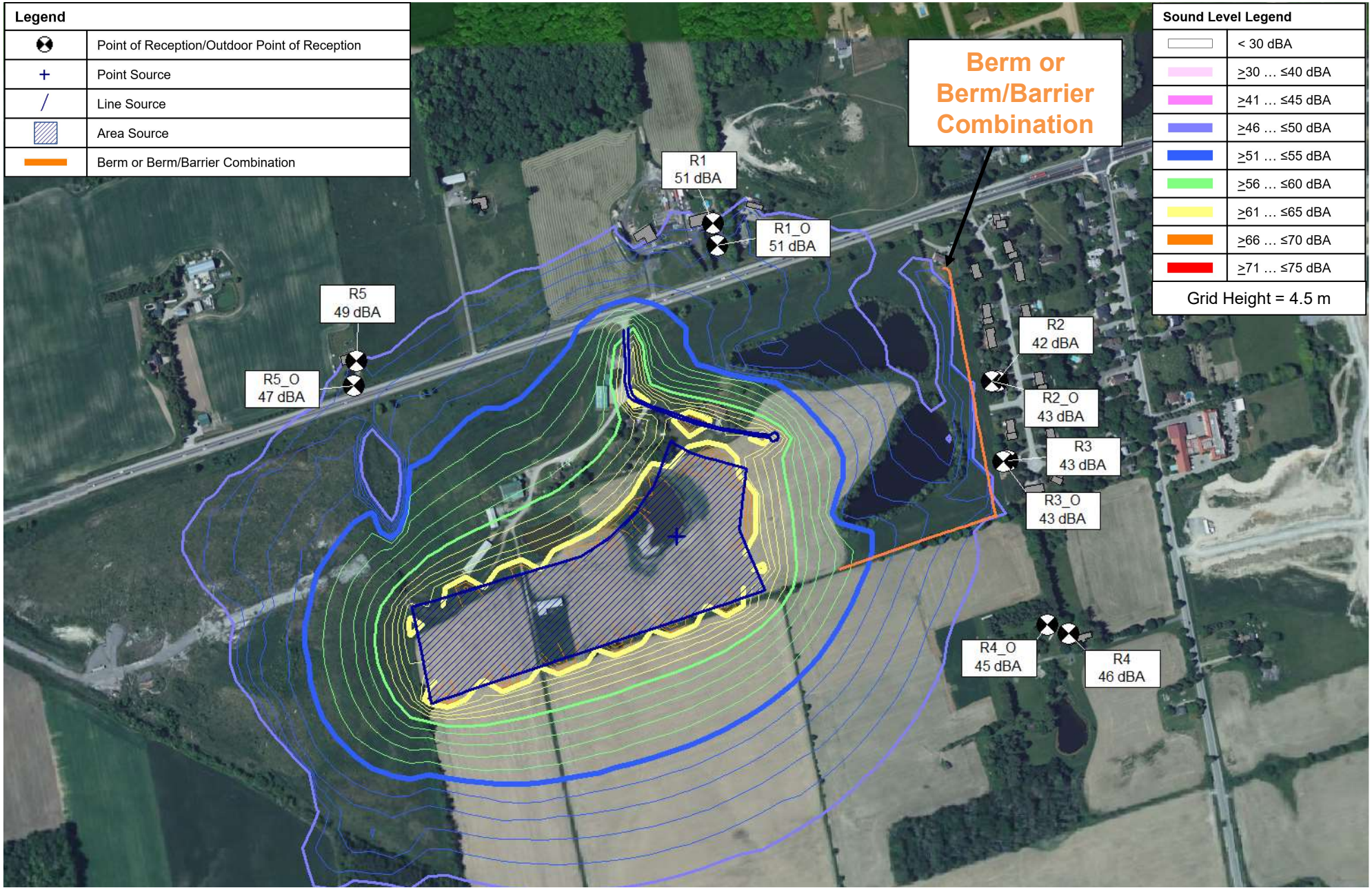
Date: Oct. 28, 2024

Rev. A

Figure No. **6**

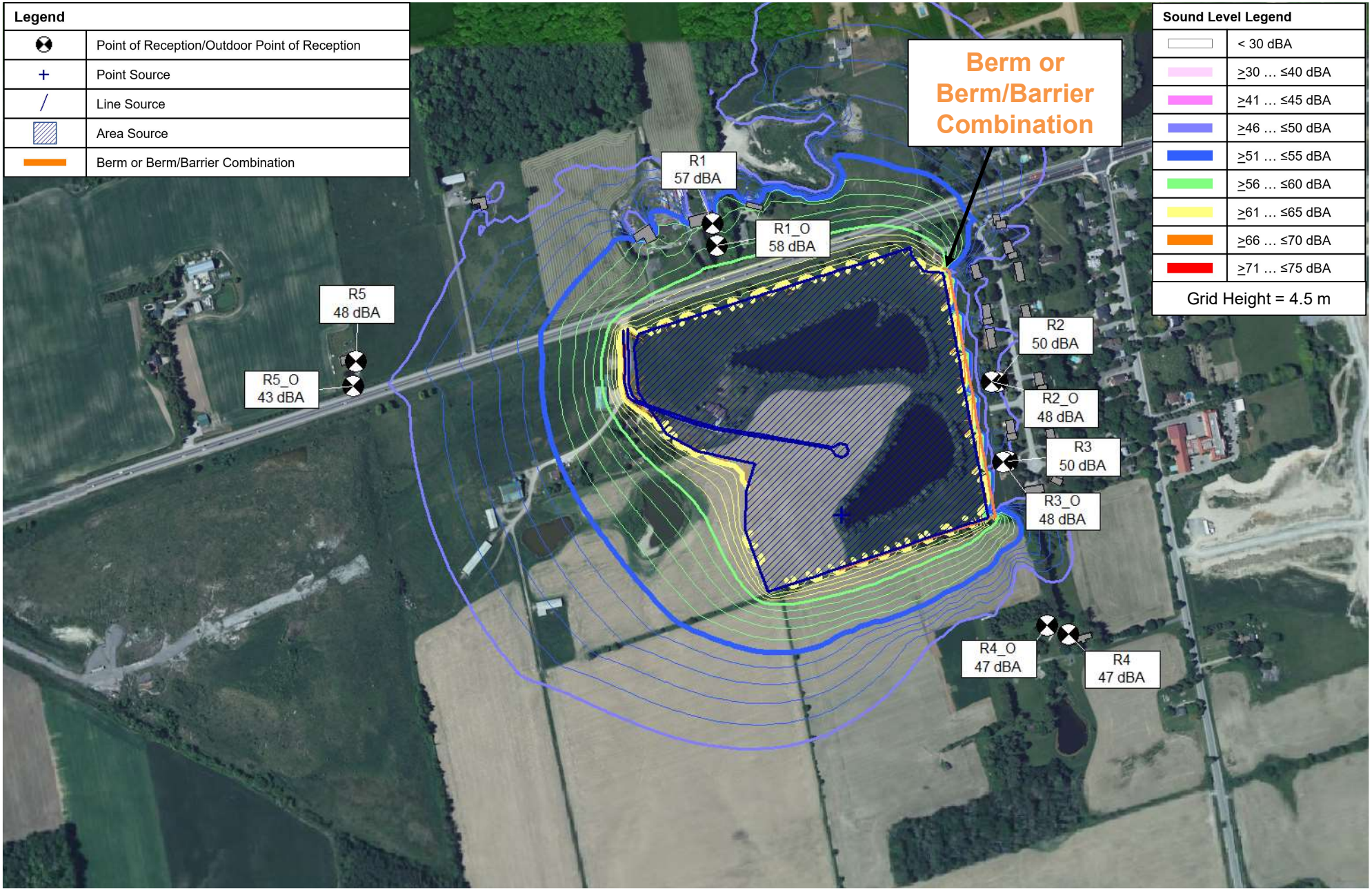
Project No. 241.031348.00001

SLR



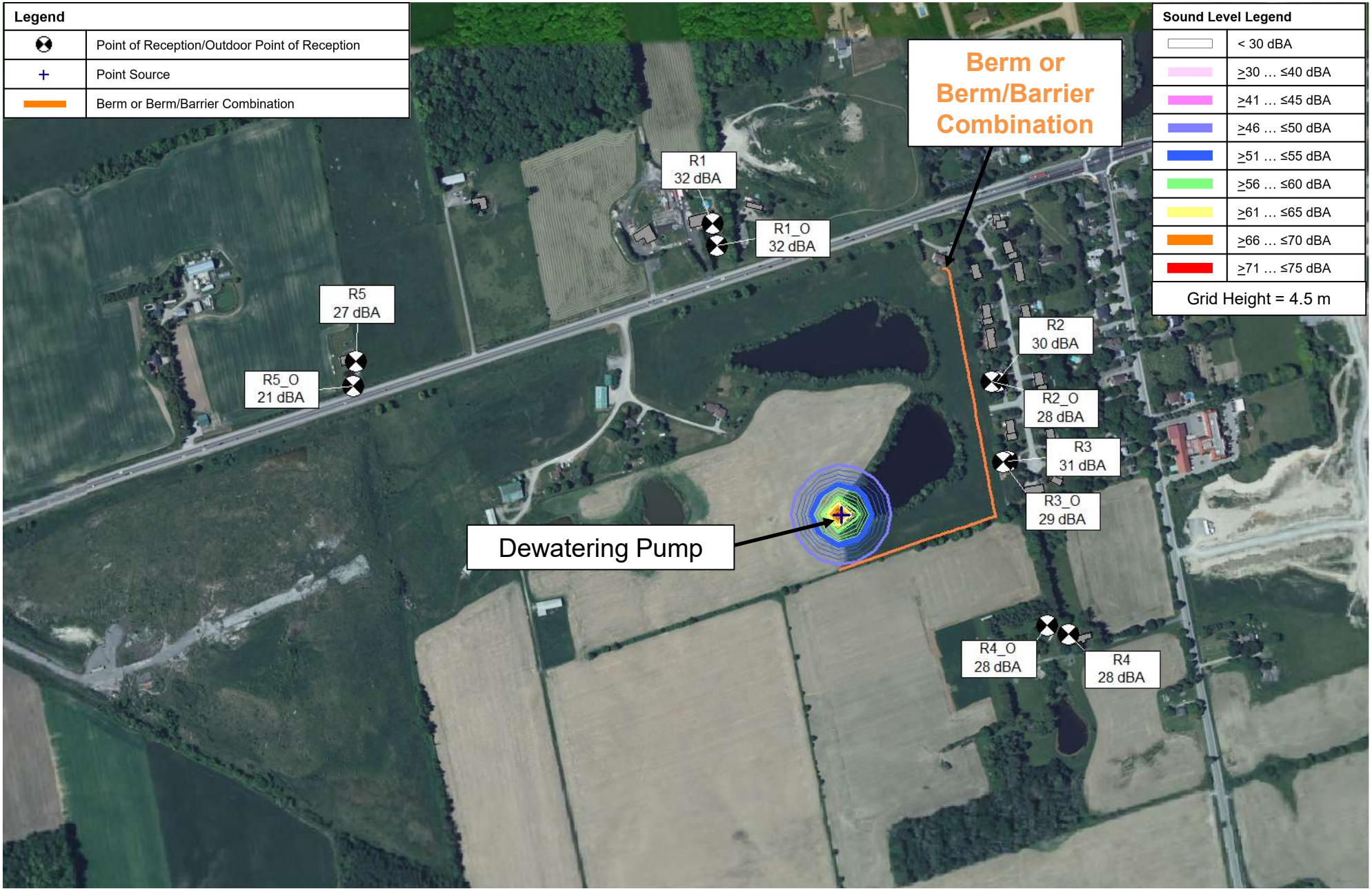
1398493 ONTARIO INC.	True North	Scale: 1: 7,000	METRES
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **7**
PREDICTED SOUND LEVELS, DAYTIME HOURS – PHASE 2		Project No. 241.031348.00001	

SLR



1398493 ONTARIO INC.	True North	Scale: 1: 7,000	METRES
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **8**
PREDICTED SOUND LEVELS, DAYTIME HOURS – PHASE 3		Project No. 241.031348.00001	

SLR



1398493 ONTARIO INC.	True North	Scale: 1: 7,000	METRES	SLR
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHURCH-STOUFFVILLE		Date: Oct. 28, 2024 Rev. A	Figure No. **9**	
PREDICTED SOUND LEVELS, DAYTIME/EVENING/NIGHTTIME HOURS – DEWATERING PUMP ONLY		Project No. 241.031348.00001		

Appendix A Project Site Grading Plan

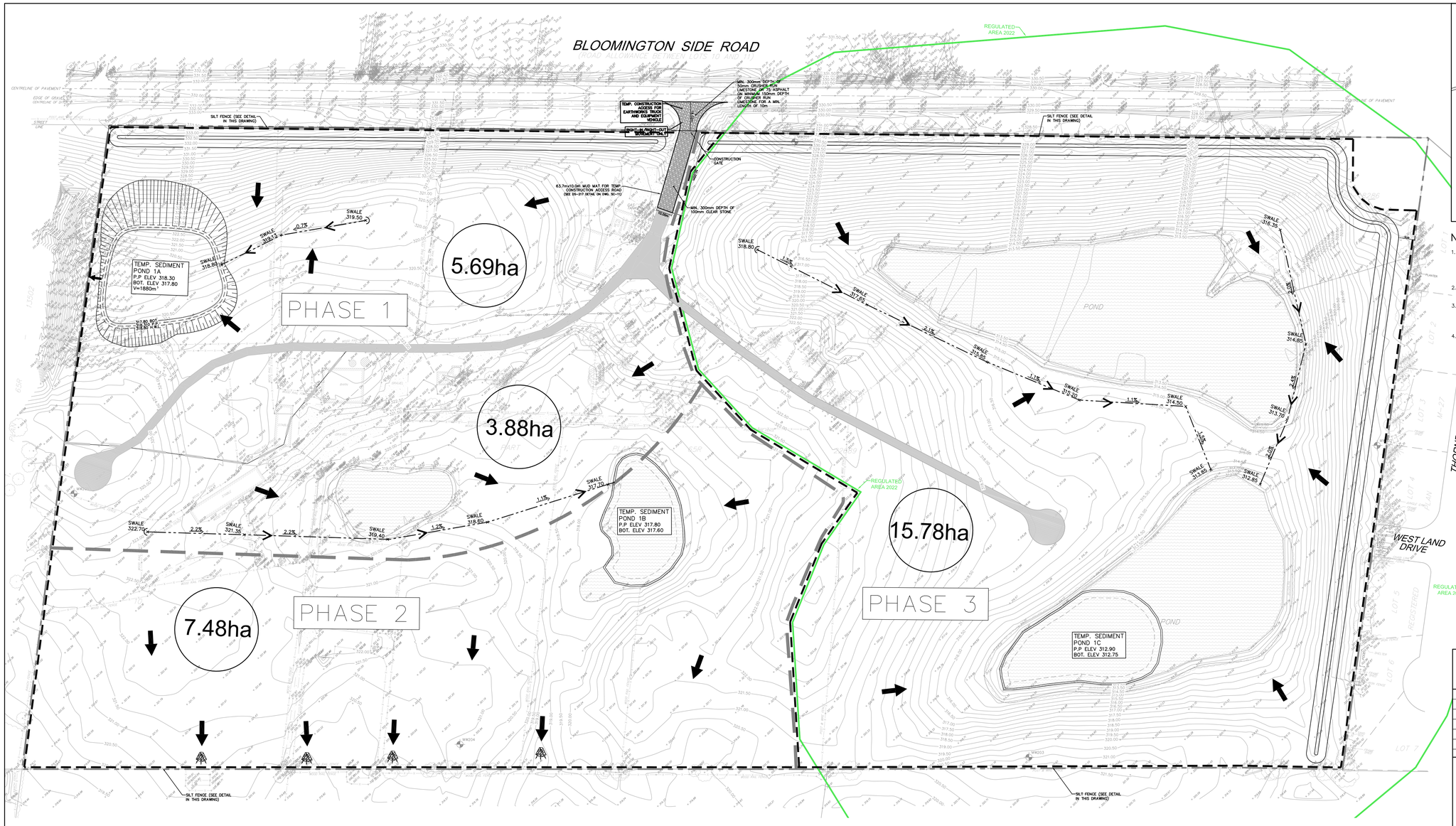
Noise Assessment – Site Alteration & Fill Management Plan

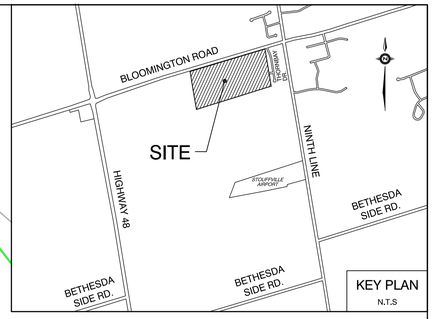
5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

SLR Project No.: 241.031348.00001

October 28, 2024





NOTES

1. THE LOCATION OF ALL UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON CONTRACT DRAWINGS, AND WHERE SHOWN THE ACCURACY OF THE LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITIES OF DAMAGE.
2. ANY CONFLICTS WITH EXISTING SERVICES AND/OR UTILITIES SHALL BE REPORTED TO THE ENGINEER FOR REVIEW AND ADVICE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. INFORMATION REGARDING ANY EXISTING SERVICES AND/OR UTILITIES SHOWN ON THIS DRAWING ARE FURNISHED AS THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE SEES FIT WITH THE UNDERSTANDING THAT THE OWNER, ENGINEER AND CITY DISCLAIM ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY.
4. THE CONTRACTOR SHALL PROVIDE DETAILS FOR SUPPORT OF Ex. SERVICES AND/OR UTILITIES FOR ENGINEER'S APPROVAL PRIOR TO START OF CONSTRUCTION.

LEGEND

- 217.00 * SWALE — DENOTES CUT-OFF SWALE ELEVATION
- 198.00 — DENOTES EXISTING CONTOUR
- DENOTES LIMIT OF DEVELOPMENT
- DENOTES CUT-OFF SWALE (SEE DETAIL ON THIS DWG.)
- DENOTES SILT FENCE (SEE DETAIL ON THIS DWG.)
- DENOTES DOUBLE SILT FENCE WITH STRAWBALES (SEE DETAIL ON THIS DWG.)
- DENOTES TREE PROTECTION ZONE
- DENOTES DRAINAGE AREA
- DENOTES SURFACE WATER DIRECTION
- 1.95ha — DENOTES DRAINAGE AREA IN HECTARES
- DENOTES SEDIMENT TRAP (OPSD 219.220) (SEE DETAIL ON DWG. SC-4)
- DENOTES FILTREXX CHECK DAM (SEE DETAIL ON DWG. SC-4)
- DENOTES FILTREXX SILTSOXX (SEE DETAIL ON DWG. SC-4)
- DENOTES CONSTRUCTION HAUL ROUTE (TO BE CONFIRMED ON FIELD)
- TC 31R / TC 31L — DENOTES TRUCK ENTRANCE SIGN

ELEVATION NOTE

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE DERIVED FROM THE TOWN OF WHITCHURCH-STOUFFVILLE BENCH MARK No. 768491, HAVING AN ELEVATION = 344.617 METRES.

No.	Date	Issued for

Dec.19/2023

CONSTRUCTION MANAGEMENT AND ESC NOTES

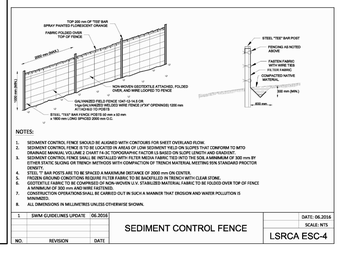
1. THIS DRAWING IS TO BE USED FOR CONSTRUCTION MANAGEMENT AND ESC.
2. SEDIMENT CONTROL FENCES, CUT-OFF SWALES AND SEDIMENT POND TO BE CONSTRUCTED/ INSTALLED PRIOR TO TOPSOIL STRIPPING.
3. THE CONTRACTOR SHALL ENDEAVOUR TO PREVENT MUD TRUCKING ONTO EXISTING RIGHT-OF-WAY AND SHALL PROVIDE FOR CLEAN UP AT HIS OWN EXPENSE AS DIRECTED BY THE SITE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL IN THE PROJECT AND PROVIDE AT HIS OWN EXPENSE CONTROLLING MEASURES AS DIRECTED BY THE SITE ENGINEER.
5. CONSTRUCTION EQUIPMENT FUELLING AND MAINTENANCE TO BE DONE AS FAR AS REASONABLY POSSIBLE FROM NATURAL FEATURES.
6. THE CONTRACTOR SHALL CARE AND CONTROL SPILLS, FLUIDS AND MATERIALS DURING CONSTRUCTION TO MINIMIZE RISK TO THE ENVIRONMENT.
7. ANY WATER REQUIRED TO BE PUMPED OUT OF THE PITS WILL BE PUMPED A MINIMUM OF 30 METRES FROM THE WATERCOURSE INTO A FILTER BAG LOCATED WITHIN A VEGETATED AREA.
8. SILTATION CONTROL FENCES AND SEDIMENT TRAPS TO BE INSTALLED AT ALL NOTED LOCATIONS BEFORE THE START OF PRE-GRADING.
9. CARRY OUT REGULAR INSPECTION OF EROSION AND SEDIMENT CONTROL MEASURES AND REPAIR OR MAINTAIN AS NECESSARY, OR AS DIRECTED BY THE SITE ENGINEER TO ENSURE THEY ARE IN GOOD WORKING ORDER THROUGHOUT AND SUBSEQUENT TO CONSTRUCTION WORKS.
10. THE ESC STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGES TO PREVENT SEDIMENT RELEASES TO THE NATURAL ENVIRONMENT.
11. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE TOWN AND CONSERVATION AUTHORITY.
12. UPON COMPLETION OF CONSTRUCTION WORKS AND STABILIZATION OF THE SITE, ROCK CHECK DAMES AND SILTATION CONTROL FENCES TO BE REMOVED AS DIRECTED BY THE TOWN ENGINEER AND TO THE SATISFACTION OF THE TOWN AND CONSERVATION AUTHORITY.
13. TOPSOIL STOCKPILE (IF REQUIRED) SHALL BE STABILIZED BY SEEDING, EROSION BLANKETS OR POLYMER AS NECESSARY UPON COMPLETION OF PRE-GRADING AND EARTHWORKS. ANY EXCESS TOPSOIL SHALL BE TAKEN OFF-SITE.
14. COMPACTION CERTIFICATION WILL BE CARRIED OUT BY A PROFESSIONAL ENGINEER FOR ALL BERMS OR EARTH BUILT GREATER THAN 1.0m IN HEIGHT.
15. PROVIDE HYDROSEED ON MIN. 100mm TOPSOIL AT ALL EMBANKMENTS AND DISTURBED AREAS.

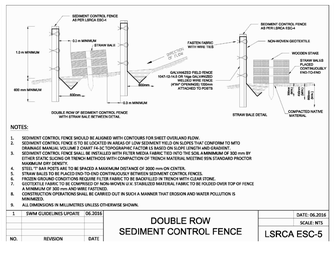
SPECIAL NOTES:

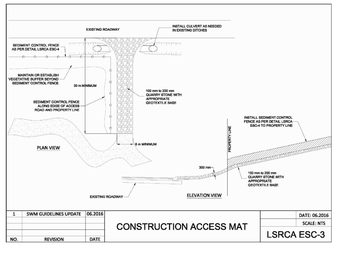
1. ALL CUT OFF SWALES AND SEDIMENT TRAPS ARE TO BE STABILIZED WITH TERRAFIX DOUBLE NET SC200 EROSION CONTROL BLANKET, PRIOR TO RECEIVING FLOW AND PRIOR TO EARTHWORKS CONSTRUCTION.
2. THE DISTURBED AREA, LEFT UNWORKED, TO BE TEMPORARILY STABILIZED WITH TERRAFIX DOUBLE NET SC200 EROSION CONTROL BLANKET IMMEDIATELY FOLLOWING TOPSOIL STRIPPING IN AN EFFORT TO REDUCE THE TOTAL AMOUNT OF ACTIVE SOIL ON SITE.
3. ALL SEDIMENT CONTROL FENCES (INCLUDING DOUBLE ROW SEDIMENT CONTROL FENCES) TO BE NON-WOVEN GEOTEXTILE. (SEE DETAILS ON DETAILS DWG. SC-8)
4. ALL TOPSOIL STOCKPILES TO BE HYDROSEEDED AND COVER WITH TERRAFIX DOUBLE NET SC200 EROSION CONTROL BLANKET

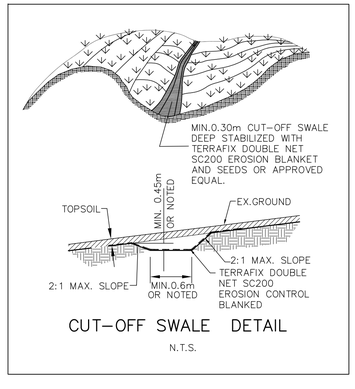
NOTE:

- ALL EXISTING TREES, VEGETATION AND ABOVE GROUND STRUCTURES TO BE REMOVED.
- WHERE A GAP IN SILT FENCE IS PROVIDED FOR SILTSOXX, THE SILT FENCE TO BE TIED INTO SILTSOXX TO ENSURE THE FLOWS DO NOT BYPASS THOSE MEASURES THROUGH ANY GAPS IN PERIMETER CONTROLS.









CUT-OFF SWALE DETAIL
N.T.S.

5783 BLOOMINGTON ROAD

SCHAEFFERS
CONSULTING ENGINEERS
SCHAEFFER & ASSOCIATES LTD.
6 Ronrose Drive, Concord, Ontario L4K 4R3
Tel: (905) 738-6100
Fax: (905) 738-6875
E-mail: design@schaeffers.com

Stouffville

TOPSOIL STRIPPING (STAGE 1)

DRAWN BY: M.P.	DESIGNED BY: T.A.	CHECKED BY: T.A.	
SCALE: 1:1250		DATE: SEPTEMBER 2023	
PROJECT No. 2023-5354		DRAWING No. SC-1	

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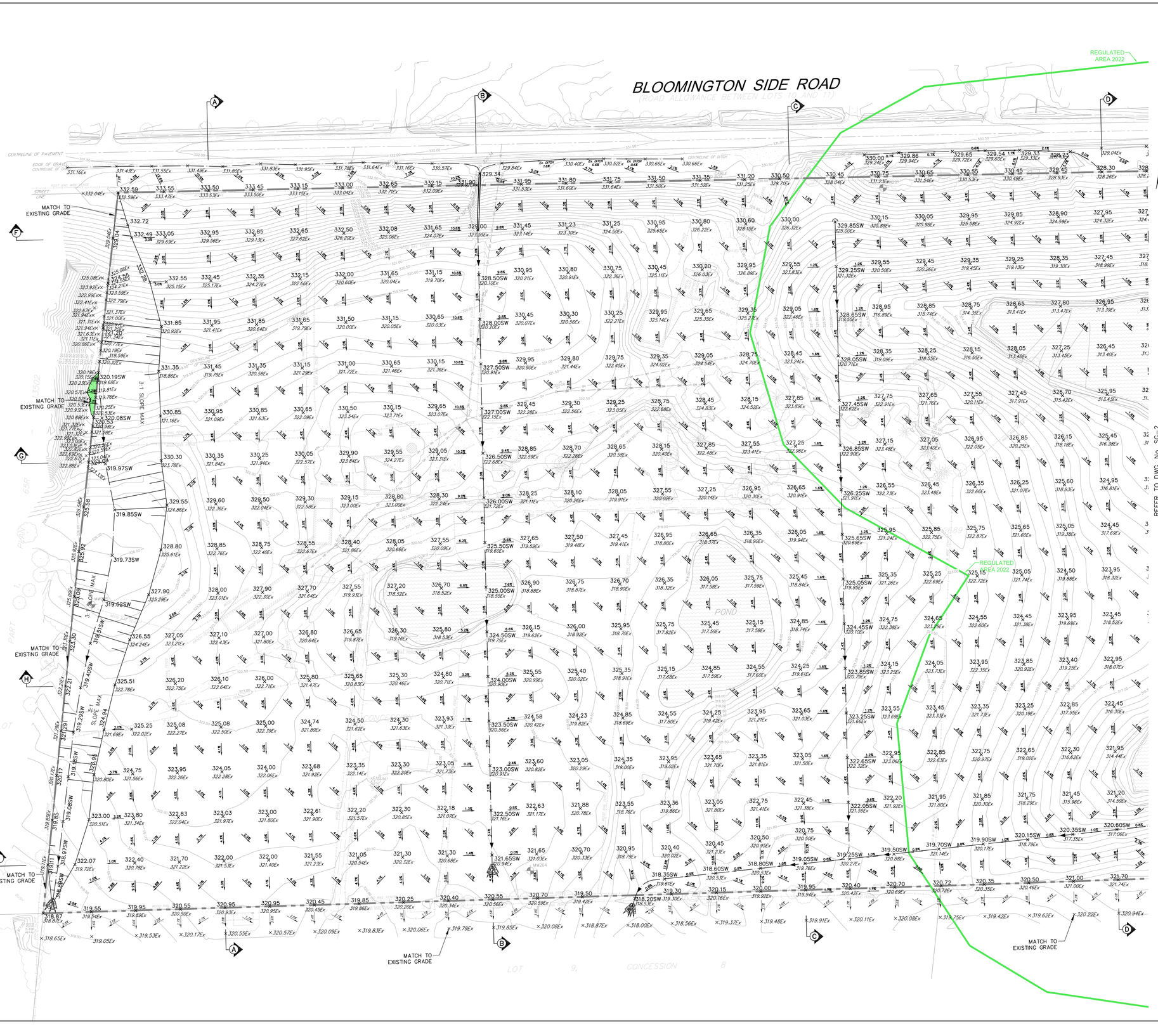

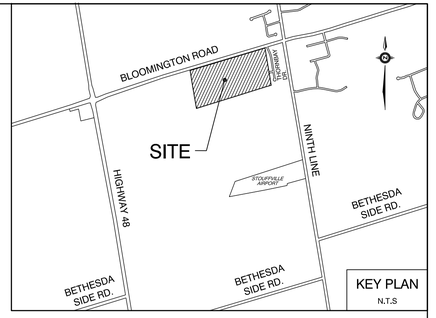

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LEGEND

- DENOTES PROPOSED VALVE AND BOX
- DENOTES EXISTING VALVE AND BOX
- DENOTES EXISTING VALVE
- DENOTES CATCHBASIN
- DENOTES CATCHBASIN WITH SHIELD
- DENOTES DOUBLE CATCHBASIN
- DENOTES PROPOSED HYDRANT
- DENOTES EXISTING HYDRANT
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES PROPOSED STORM MANHOLE
- DENOTES EXISTING SANITARY MANHOLE
- DENOTES EXISTING STORM MANHOLE
- 223.80 DENOTES PROPOSED ELEVATION
- 188.50 DENOTES EXISTING CONTOUR
- 190.14 DENOTES EXISTING ELEVATION
- DENOTES OVERLAND FLOW ROUTE
- DENOTES LIMIT OF DEVELOPMENT
- DENOTES AREA TO BE FILLED ON THE SIDE OF THE NEIGHBORING PROPERTY

ELEVATION NOTE

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE DERIVED FROM THE TOWN OF WHITCHURCH-STOUFFVILLE BENCH MARK No. 768491, HAVING AN ELEVATION = 344.617 METRES.

No.	Date	Issued for
1.	NOV.21.2022	ISSUED FOR SPA SUBMISSION

Dec.19/2023

5783 BLOOMINGTON ROAD

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Fax: (905) 738-6875
E-mail: design@schaeffers.com

Stouffville

SITE GRADING PLAN

DRAWN BY: M.P.	DESIGNED BY: T.A.	CHECKED BY: T.A.	
SCALE: 1:1000		DATE: SEPTEMBER 2023	
PROJECT No. 2023-5354		DRAWING No. SG-1	

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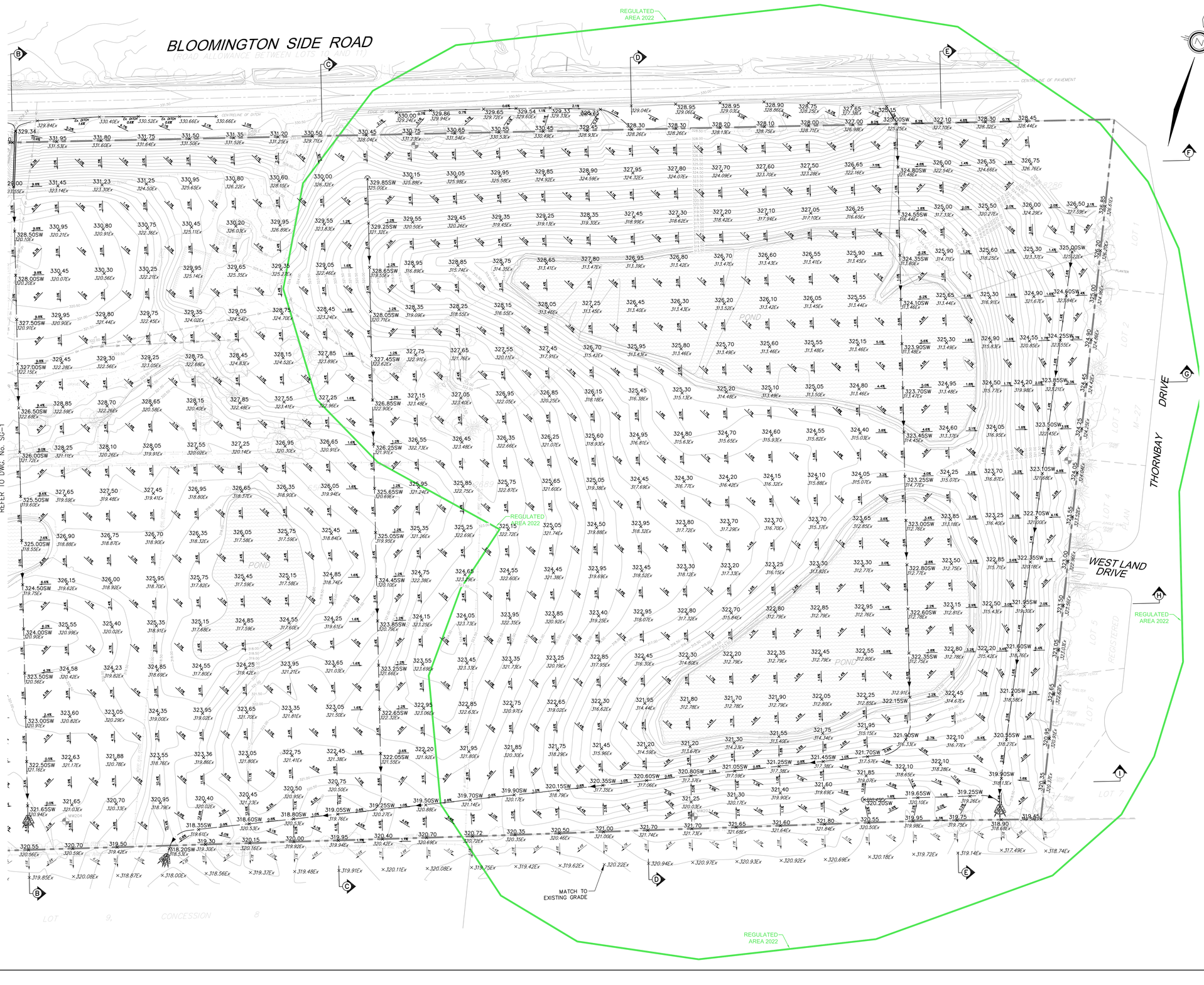

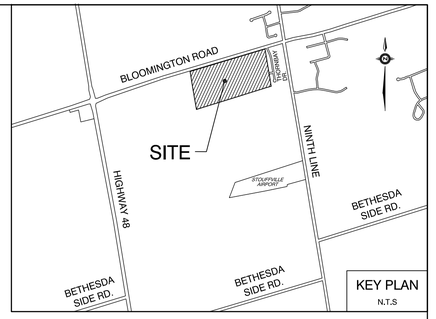

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Stouffville

SITE GRADING PLAN

DRAWN BY: M.P.	DESIGNED BY: T.A.	CHECKED BY: T.A.	
SCALE: 1:1000	DATE: SEPTEMBER 2023		
PROJECT No. 2023-5354	DRAWING No. SG-2		

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Appendix B Whitchurch-Stouffville By-law 2019-092-RE

Noise Assessment – Site Alteration & Fill Management Plan

5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

SLR Project No.: 241.031348.00001

October 28, 2024

SLR

Amended July 20, 2022

THE CORPORATION OF THE TOWN OF WHITCHURCH-STOUFFVILLE

BY-LAW NUMBER 2019-092-RE

BEING A BY-LAW to prohibit or regulate unusual noises or noises likely to disturb the inhabitants of the Town of Whitchurch-Stouffville and repeal By-law 2015-172-RE.

WHEREAS section 129 of the Municipal Act, 2001 provides that, without limiting sections 9 and 10 of the Act, a municipality may: (a) prohibit and regulate with respect to noise, vibration, odour, dust and outdoor illumination, including indoor lighting that can be seen outdoors; and (b) prohibit the matters described in clause (a) unless a permit is obtained from the municipality for those matters and may impose conditions for obtaining, continuing to hold and renewing the permit, including requiring the submission of plans;

AND WHEREAS section 128 of the Municipal Act, 2001 provides that a municipality may prohibit and regulate with respect to public nuisances, including matters that, in the opinion of Council are or could become public nuisances;

AND WHEREAS in the opinion of Council for the Town of Whitchurch-Stouffville, certain kinds of noise are or could become a public nuisance;

AND WHEREAS subsection 391(1) of the Municipal Act, 2001 provides that a municipality may impose fees and charges on persons:

a) for services or activities provided or done by or on behalf of it;

b) for costs payable by it for services or activities provided or done by or on behalf of any other municipality or any local board; and,

c) for the use of its property including property under its control;

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWN OF WHITCHURCH-STOUFFVILLE ENACTS AS FOLLOWS:

1. DEFINITIONS

For the purposes of this By-law the following terms shall have the corresponding meaning:

a) **"Construction"** includes erection, alteration, repairing, dismantling, demolition, structural maintenance, painting, moving, land clearing, earth moving, grading, excavating, the laying of pipe and conduit whether above or below ground level, street and highway building, concreting, equipment installation and alteration and the structural installation of construction components and materials in any form or for any purpose, and includes any work in connection therewith.

b) **"Construction Equipment"** means any equipment or device designed and intended for use in construction, or material handling, including but not limited to, air compressors, pile drives, pneumatic or by hydraulic tools, bulldozers, tractors, excavators, trenchers, cranes, derricks, loaders, scrapers, generators, pavers, off highway haulers or trucks, ditchers, compactors and rollers, pumps, concrete mixers, graders, or other material handling equipment.

c) **"Conveyance"** includes a vehicle and any other device employed to transport a person or persons or goods from place to place but does not include any such vehicle or device if operated only within the premises of a person.

d) **"Council"** means the Council of the Corporation of the Town of Whitchurch-Stouffville.

e) **"Farm"** means an agricultural, horticultural or silvicultural operation that is carried on in the expectation of gain or reward.

f) **"Highway"** includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, any part of which is intended for or used by the general public for the passage of vehicles and includes the area between the lateral property line thereof; but does not include trails used or intended to be used for motorcycles, skidoos and all-terrain vehicles.

g) **"Holiday"** means:

i. New Year's Day
ii. Family Day
iii. Good Friday
iv. Easter Sunday
v. Victoria Day
vi. Canada Day
vii. Labour Day
viii. Thanksgiving Day
ix. Christmas Day

any other public holiday set out in the Retail Business Holidays Act, R.S.O., c.R30.

h) **"Motor Vehicle"** means an automobile, a motorcycle, a motor-assisted bicycle unless otherwise indicated in this Act, and any other vehicle propelled or driven otherwise than by muscular power, but does not include a street car or other motor vehicle running only upon rails, a power-assisted bicycle, a motorized snow vehicle, a traction engine, a farm tractor, a self-propelled implement of husbandry or a road-building machine within the meaning of the Highway Traffic Act.

i) **"Municipality"** means the land within the geographic limit of the Town of Whitchurch-Stouffville.

j) **"Noise"** means any sound or vibration that is of such a volume or nature that it is likely to disturb any person in the Town.

k) **"Normal Farm Practices"** means a practice that:

i. is conducted in a manner consistent with proper and acceptable customs and standards as established and followed by similar agricultural operations under similar circumstances, or
ii. makes use of innovative technology in a manner consistent with proper advanced farm management practices.

l) **"Person"** or any expression referring to a person means an individual, sole proprietorship, partnership, limited partnership, trust, corporate body, organization, charity and/or an individual in his or her capacity as a trustee, executor, administrator or other legal representative.

m) **"Point of Reception"** means any point on the premises of a person, where noise or vibration originating from other than those premises is received.

n) **"Source"** means an activity, matter, thing, or tangible personal property or real property, from which sound or vibration is emitted;

o) **“Premises”** means land and includes the buildings and/or structures thereon.

p) **“Temporary Noise Permit”** means an exemption granted under this By-law.

q) **"Town”** means the Corporation of the Town of Whitchurch-Stouffville.

2. GENERAL PROHIBITIONS

2.1. No Person shall make, cause or permit the emission of Noise, which Noise is audible at Point of Reception.

2.2. For the purposes of this By-law and without limiting the generality of the foregoing, the following Noises shall be deemed to be Noises likely to disturb any Person in the Town:

i. the operation of a Motor Vehicle in such a way that tires squeal;

ii. the operation of any combustion engine or pneumatic device without an effective exhaust or intake muffling device in constant operation;

iii. the operation of any Construction Equipment in the Stouffville Secondary Plan Area (as outlined in Schedule “A” to this By-law) residential area without effective muffling devices in constant operation and in good working order;

iv. the operation of a vehicle or a vehicle with a trailer resulting in banging, clanking, squealing or other like Noises;

v. the operation of an engine or motor in, or on, any vehicle or item of attached auxiliary equipment for a continuous period of more than five minutes while such vehicle is stationary unless:

a) the continuous operation of the engine or motor is essential to the basic function of the vehicle or equipment;

b) weather conditions justify the use of heating or refrigerating systems powered by the motor or engine for the safety and welfare of the operator, passengers or animals, or the preservation of perishable cargo, and the vehicle is stationary for purposes of delivery or loading;

vi. the use of a horn, whistle, alarm, bell, gong or the like, except for an auditory safety or warning device or chimes used in association with a religious establishment;

vii. the operation of an air conditioner, pool pump or filter, heat pump or the like that is not in proper working order;

viii. the Noise or sound caused by a burglar alarm or similar security device which is permitted to continue for more than ten (10) minutes where there is not an emergency, breach of the peace or similar incident.

3. REGULATIONS BY TIME

3.1. No Person shall make, cause or permit the emission of Noise resulting from an act listed herein, which Noise is audible at Point of Reception during a restricted time period.

3.2. Notwithstanding any other provision of this By-law, the following Noises shall be deemed to be Noises likely to disturb any Person in the Town if clearly audible at a Point of Reception within a time period as shown:

Description of Sound	**Restricted Time Period**
1. The operation of a radio, television, stereo or other electronic device including any amplification device, or any musical or other sound producing instrument.	11:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
2. The playing of any musical instrument or group of musical instruments.	11:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
3. Yelling, shouting, hooting, whistling, singing or the like.	11:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
4. All selling or advertising by shouting or outcry or amplified sound.	7:00 p.m. to 7:00 a.m. Monday to Friday 7:00 p.m. to 7:00 a.m. Saturday All day Sundays and Holidays
5. The operation of any powered rail car including but not limited to refrigeration cars, locomotives or self-propelled passenger cars, while stationary on property not owned or controlled by a railway governed by the Canada Railway Act.	9:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
6. The operation of a dirt bike, all-terrain cycle, snowmobile, go-cart, dune buggy or like Conveyance.	9:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
7. The operation of a commercial car wash with air drying equipment.	7:00 p.m. to 7:00 a.m. Monday to Friday 7:00 p.m. to 7:00 a.m. Saturday All day Sundays and Holidays
8. The operation of a commercial car wash of a type other than mentioned in Item 8.	11:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Saturdays and Sundays)
9. Loading, unloading, packing, unpacking, delivering or otherwise handling any container, product or material unless necessary for the maintenance of essential services or for the moving of private household effects.	7:00 p.m. to 7:00 a.m. Monday to Friday 7:00 p.m. to 7:00 a.m. Saturday All day Sundays and Holidays
10. The operation of any Construction Equipment.	7:00 p.m. to 7:00 a.m. Monday to Friday 7:00 p.m. to 7:00 a.m. Saturday All day Sundays and Holidays
11. The operation of any gas, battery or electric powered tool including a hammer, saw, nail gun, lawnmower, staple gun, hedge trimmer, drill, leaf blower or the like for domestic purposes.	9:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
12. The operation of a combustion engine for a toy or a replica of a larger device such as a remote controlled toy aeroplane.	9:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays and Holidays)
13. The operation of waste collection machinery or refuse compacting equipment.	9:00 p.m. to 7:00 a.m. (to 9:00 a.m. on Sundays)
14. Construction or the operation of any Construction Equipment conducted by any individual other than the homeowner.	7:00 p.m. to 7:00 a.m. Monday to Friday 7:00 p.m. to 8:00 a.m. Saturday All day Sundays and Holidays

4. GENERAL EXEMPTIONS

This By-law does not apply to sound emitted or caused or permitted in connection with:

a) measures undertaken in an emergency for the immediate health, safety or welfare of Persons and animals;

b) measures undertaken in an emergency for the preservation or restoration of property;

c) the operation of emergency vehicles;

d) the operation of bells utilized as traffic control devices including bells and other devices at traffic signal locations and bells at railway crossings;

e) the activities of snow plowing and/or removal;

f) measures undertaken where the Town, its servants, employees, contractors or agents are carrying out Town operations or operating, maintaining or installing municipally-owned infrastructure, facilities or the like;

g) non-emergency Construction, reconstruction or repair of any regional, provincial or federal public works including the Construction, reconstruction or repair of a public Highway provided the Town is given advanced written notice of the hours to be worked if outside the permitted Construction hours;

h) road or bicycle races, parades, circuses, festivals, entertainment activities in public parks or neighborhood social activities approved by the Town;

i) sport or recreational activities or events in public or private parks, playground, schoolyard, or recreational centre approved by the Town;

j) the use of implements of husbandry in the operation of agricultural or Farm activity related to food crop seeding, chemical spraying, harvesting, or livestock operations carried on by a farmer;

k) the lawful use and detonation of fireworks or similar explosive devices as per the Town's current Fireworks By-law, as amended, or any successor legislation thereto.

5. EXEMPTIONS BY APPLICATION

a) Application to Manager of By-Law

Notwithstanding anything contained in this By-law, any Person may make application to the Manager of By-Law or designate for exemptions not in excess of 90 days in length, to be granted an exemption from any of the provisions of this By-law with respect to any Source of Noise for which they might be prosecuted and the Manager of By-Law or designate, may refuse to grant any exemption or may grant the exemption applied for, or any exemption of lesser effect, and any exemption granted shall specify the time period during which it is effective and may contain such terms and conditions as the Manager of By-Law or designate see fit.

b) Application to Council

Notwithstanding anything contained in this By-law, any Person may make application to Council for exemptions over 90 days in length, to be granted an exemption from any of the provisions of this By-law with respect to any

Source of Noise for which they might be prosecuted and the Council, by resolution, may refuse to grant any exemption or may grant the exemption applied for, or any exemption of lesser effect, and any exemption granted shall specify the time period during which it is effective and may contain such terms and conditions as the Council see fit.

c) Application for Exemption

The application mentioned in 5 a) and b) shall be made in writing and shall contain:

i. the name and address of the applicant;
ii. the name and information of a contact person, if other than applicant;
iii. the location of the event or activity for which the Temporary Noise Permit is sought;
iv. a description of the Source of Noise in respect of which the exemption is sought;
v. a statement of the particular provision or provisions from which the exemption is sought;
vi. the times of day, and period of time and duration for which the exemption is sought;
vii. the reasons why the exemption should be granted;
viii. a statement of the steps, if any, planned or presently being taken to minimize the Noise;
ix. written confirmation that all property owners within a 500 metre radius of the point from which the Noise will be emitted have been notified along with a copy of the public notice; and
x. a non-refundable Application fee for exemption as set out in the Town's current Fees and Charges By-law.

d) Decision

In deciding whether to grant the exemption, the Manager of By-Law or designate or Council shall:

i. consider any negative effects the issuance of the Temporary Noise Permit may have on Persons residing on neighbouring properties or on the Town;
ii. consider any benefits the issuance of the Temporary Noise Permit may have for Persons residing on neighbouring properties or for the Town;
iii. consider any previous violations of this By-law or predecessor by land or Temporary Noise Permit conditions by the applicant; and
iv. consider anything the Manager of By-Law or designate or Council reasonably considers relevant.

e) Conditions

The Manager of By-Law or designate, or Council may impose conditions on a Temporary Noise Permit, including but not limited to:

i. the type and volume of sounds that may be made;
ii. the times during which sounds may be made;
iii. the date of expiry of the Temporary Noise Permit; and
iv. any fees applicable.

6. BREACH

Breach by the applicant of any of the terms or conditions of the exemption and/or a Temporary Noise Permit granted by the Manager of By-Law or designate, or Council shall render the exemption null and void.

7. PENALTIES

a) Every Person who contravenes any provision of this By-law, including an Order issued under this By-law, is guilty of an offence and upon conviction is liable to a fine as provided for in the Provincial Offences Act, R.S.O. 1990, Chapter P.33, as amended.

b) If an order has been issued under this By-law, and the order has not been complied with, the contravention of the order shall be deemed to be a continuing offence for each day or part of a day that the order is not complied with.

c) Every Person who is guilty of an offence under this By-law shall be subject to the following penalties:

i. upon a first conviction, shall be liable to a fine of not more than $50,000;

ii. upon second or subsequent conviction for the same offence, to a fine of not more than $100,000;

iii. upon conviction for a continuing offence, to a fine of not more than $10,000 for each day or part of a day that the offence continues. The total of the daily fines may exceed $100,000;

iv. upon conviction of a multiple offence, for each offence included in the multiple offence, to a fine of more than $10,000. The total of all fines for each included offence is not limited to $100,000.

d) For the purposes of this By-law, “multiple offence” means an offence in respect of two or more acts or omissions each of which separately constitutes an offence and is a contravention of the same provision of this By-law.

e) For the purposes of this By-law, an offence is a second or subsequent offence if the act giving rise to the offence occurred after a conviction had been entered at an earlier date for the same offence.

f) If a conviction is entered, in addition to any other remedy, and to any penalty imposed by this By-law, the court in which this conviction is entered, and any other court of competent jurisdiction thereafter, may make an order prohibiting the continuation or repetition of the offence by the Person convicted.

g) No Person shall provide false information or give a false statement to an Officer, employee and/or agent of the Municipality in the lawful exercise of a power or duty under this By-law.

h) No Person shall hinder or obstruct, nor attempt to hinder or obstruct, either directly or indirectly, an Officer, employee and/or agent of the Municipality in the lawful exercise of a power or duty under this By-law.

i) Every Person shall comply with any Notice or Order issued under the authority of this By-law.

8. SEVERABILITY

If a court of competent jurisdiction should declare any section or part of a section of this by-law to be invalid, such section or part of a section shall not be construed as having persuaded or influenced Council to pass the remainder of this By-law and it

is hereby declared that the remainder of the By-law shall be valid and shall remain in force.

9. REPEAL OF BY-LAW

By-law number 2015-172-RE and all amendments thereto are hereby repealed.

10. TRANSITION PROVISION

Notwithstanding the repeal of By-law 2015-172-RE and all amendments thereto, that By-law shall continue to apply to any acts, omissions or occurrences, and to any offences that took place prior to the enactment of this By-law.

11. EFFECTIVE DATE

This By-law shall come into effect and force on the 27th day of August 2019.

READ a first and second time this 27th day of August, 2019.

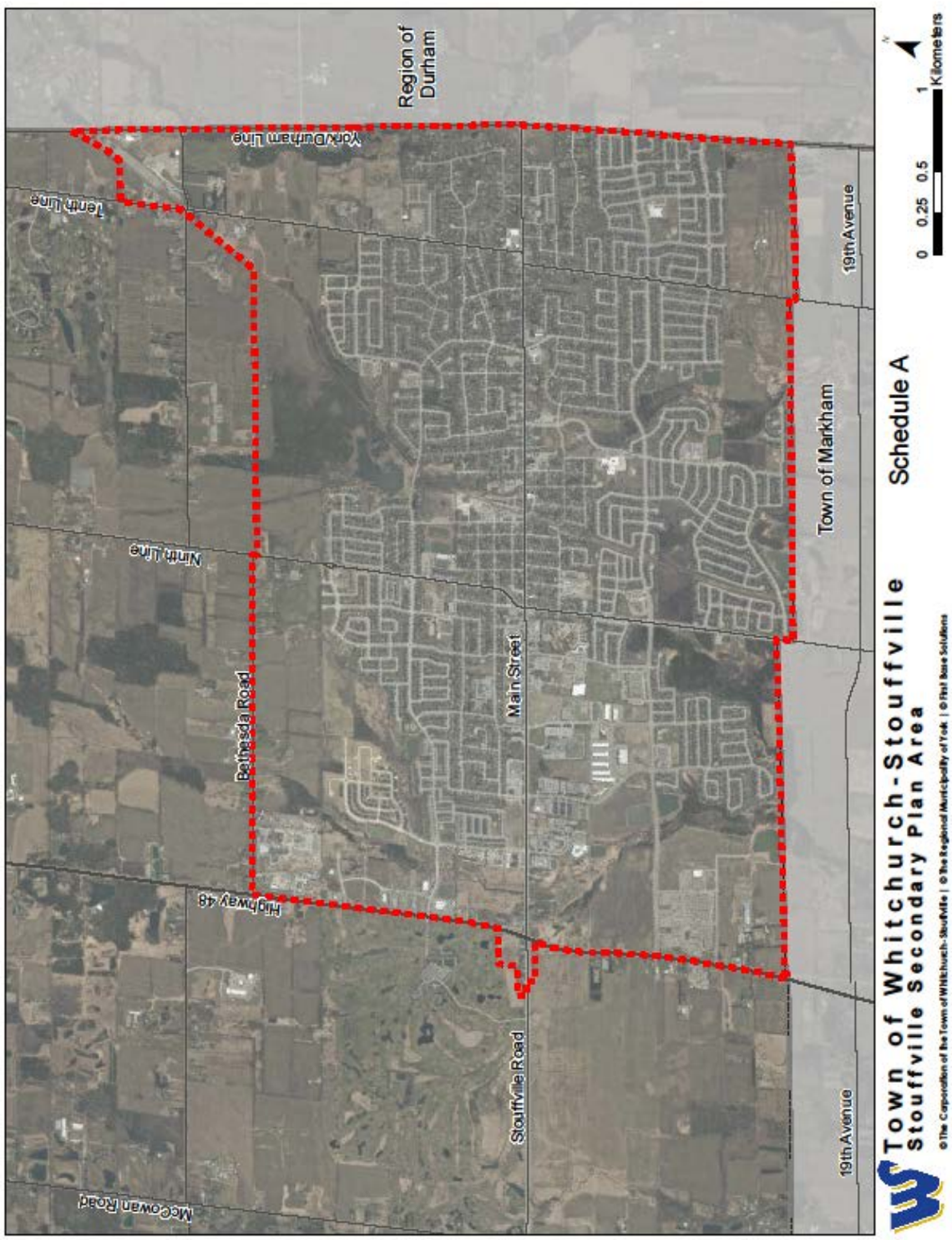
READ a third time and passed this 27th day of August, 2019.

"Iain Lovatt"
Iain Lovatt, Mayor

"Gillian Angus-Traill"
Gillian Angus-Traill, Clerk

SCHEDULE “A”

Map of Stouffville Secondary Plan Area



Appendix C Ambient Roadway Noise Information

Noise Assessment – Site Alteration & Fill Management Plan

5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

SLR Project No.: 241.031348.00001

October 28, 2024

Public Works
Transportation Infrastructure Asset Management

March 8, 2024

Dylan Diebolt
SLR Consulting Ltd.
100 Stone Road West, Suite 201
Guelph, ON N1E 4N5

Re: Request for Traffic Data
File No. T09, Forecasts - Whitchurch-Stouffville

As requested, the traffic data for your study are summarized below.

	Bloomington Road	**Ninth Line**
Section No.	40-40	69-18
Location	East of Highway 48	South of Bloomington Road
Existing AADT	22,010 (2023)	6,200 (2018)
Ultimate AADT	35,000	15,000
No. of Lanes	2	2
Posted Speed	70 km/h	Up to 70 km/h
Trucks (Med/Heavy)	3% / 4%	2% / 2%
Grade	Up to 4%	Up to 6%
Day/Night Split	88/12	93/7
Planned ROW	Up to 36 m	Up to 36 m

I trust that this will be satisfactory for your study. The invoice will be sent to you separately.

Sincerely,

Wenli Gao
Transportation Planning, Forecasting

WG/wg

YORK-#16042708-v1-240013_Diebolt_Bloomington_Ninth.docx

O R N A M E N T - Sound Power Emissions & Source Heights

Ontario Road Noise Analysis Method for Environment and Transportation

Road Segment ID	Roadway Name	Link Description	Speed (kph)	Period (h)	Existing Traffic Volumes (Daily min)	Auto %	Med %	Hvy %	Auto	Med	Heavy	Road Gradient (%)	Cadna/A Ground Absorption G	PWL Overall (dBA)	Source Height (m)
Bloomington_min	Bloomington Road, min	Daytime Impacts	70	1	770	93.0%	3.0%	4.0%	716	23	31	0	0.00	84.8	1.4
Bloomington_min	Bloomington Road, min	Evening Impacts	70	1	550	93.0%	3.0%	4.0%	512	17	22	0	0.00	83.3	1.4
Bloomington_min	Bloomington Road, min	Nighttime Impacts	70	1	40	93.0%	3.0%	4.0%	37	1	2	0	0.00	71.9	1.4
Ninth_min	Jane Street, min	Daytime Impacts	70	1	217	96.0%	2.0%	2.0%	208	4	4	0	0.00	77.7	1.2
Ninth_min	Jane Street, min	Evening Impacts	70	1	155	96.0%	2.0%	2.0%	149	3	3	0	0.00	76.2	1.2
Ninth_min	Jane Street, min	Nighttime Impacts	70	1	12	96.0%	2.0%	2.0%	12	0	0	0	0.00	65.2	1.2

1398493 ONTARIO INC.	True North	Scale: 1: 5,000	METRES	SLR
SA&FM PLAN, 5783 BLOOMINGTON ROAD, WHITCHUCH-STOUFFVILLE		Date: Oct 28, 2024 Rev. A	Figure No. **C.1**	
CADNAA VS. STAMSON VALIDATION		Project No. 241.031348.00001		

STAMSON 5.0 NORMAL REPORT Date: 04-06-2024 09:07:11
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Bloom.te Time Period: 1 hours
Description:

Road data, segment # 1: Bloomington

Car traffic volume : 716 veh/TimePeriod
Medium truck volume : 23 veh/TimePeriod
Heavy truck volume : 31 veh/TimePeriod
Posted speed limit : 70 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: Bloomington

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 76.50 m
Receiver height : 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

↑
Road data, segment # 2: Ninth Line

Car traffic volume : 208 veh/TimePeriod
Medium truck volume : 4 veh/TimePeriod
Heavy truck volume : 4 veh/TimePeriod
Posted speed limit : 70 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Ninth Line

Angle1 Angle2 : 0.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 500.00 m
Receiver height : 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

↑
Results segment # 1: Bloomington

Source height = 1.42 m

ROAD (0.00 + 57.28 + 0.00) = 57.28 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	69.71	0.00	-11.13	-1.31	0.00	0.00	0.00	57.28

Segment Leq : 57.28 dBA

↟

Results segment # 2: Ninth Line

Source height = 1.17 m

ROAD (0.00 + 34.03 + 0.00) = 34.03 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
0	90	0.58	62.42	0.00	-24.06	-4.33	0.00	0.00	0.00	34.03

Segment Leq : 34.03 dBA

Total Leq All Segments: 57.30 dBA

↟

TOTAL Leq FROM ALL SOURCES: 57.30

↟

↟

Appendix D Noise Source Information

Noise Assessment – Site Alteration & Fill Management Plan

5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

SLR Project No.: 241.031348.00001

October 28, 2024

320
Hydraulic Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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320 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C4.4	
Net Power		
ISO 9249	128.5 kW	172 hp
ISO 9249 (DIN)	175 hp (metric)	
Engine Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (DIN)	176 hp (metric)	
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.4 L	269 in³
Biodiesel capability	Up to B20(1)	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.

(1)Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:

- ✓ 20% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Swing Mechanism

Swing Speed	11.25 rpm	
Maximum Swing Torque	82 kN·m	60,300 lbf-ft

Weights

Operating Weight	21 900 kg	48,300 lb

- Reach boom, R2.9 (9'6") stick, Heavy Duty (HD) 1.19 m³ (1.56 yd³) bucket, 600 mm (24 in) triple grouser shoes, 4.2 mt (9,300 lb) counterweight.

Track

Optional Track Shoes Width	600 mm	24 in
	700 mm	28 in
	790 mm	31 in
	900 mm	35 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull – Long Undercarriage	205 kN	45,996 lbf

Hydraulic System

Main System – Maximum Flow – Implement	429 L/min (214.5 × 2 pumps)	113 gal/min (56.5 × 2 pumps)
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode/Auto Dig Boost	38 000 kPa	5,510 psi
Maximum Pressure – Travel	34 300 kPa	4,974 psi
Maximum Pressure – Swing	27 500 kPa	3,998 psi
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

Service Refill Capacities

Fuel Tank Capacity	345 L	86.6 gal
Cooling System	25 L	6.6 gal
Engine Oil	15 L	4.0 gal
Swing Drive	6 L	1.6 gal
Final Drive (each)	4 L	1.1 gal
Hydraulic System (including tank)	234 L	61.8 gal
Hydraulic Tank	115 L	30.4 gal
Diesel Exhaust Fluid (DEF) Tank	39 L	10.3 gal

Standards

Brakes	ISO 10265:2008
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

Sound Performance

ISO 6395:2008 (external)	99 dB(A)
ISO 6396:2008 (inside cab)	70 dB(A)

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg of refrigerant which has a CO_2 equivalent of 1.216 metric tonnes.

Cat®
920

Compact Wheel Loader

Features:

- **Cat® C3.6 Engine** – Meets EU Stage V and U.S. EPA Tier 4 Final emission standards.
- **Cat Optimized Z-bar Loader Linkage** – The Cat Optimized Z-bar Loader linkage combines the digging efficiency of a traditional Z-bar with tool carrier capabilities for great performance and versatility. With parallel lift and high tilt forces throughout the working range you can safely and confidently handle loads with precise control. A High Lift option is available to extend both reach and dump clearance for more demanding tasks.
- **Work Tools** – The 920 features the Cat exclusive, Performance Series Buckets, as well as high visibility pallet forks. These tools enhance productivity and are available with either an Integrated Toolcarrier (IT), ISO (wide) or Fusion™ interface coupler style. Legacy coupler tools such as brooms, grapple buckets, multi-purpose buckets and other work tools remain compatible.
- **Hydraulics and Controls** – State of the art electro-hydraulic system provides low effort, fine control with fast cycle times. All-in-one joystick helps keep eyes on the work. Operator can adjust machine responsiveness with the push of a button, which allows the operator to set up the machine exactly the way they want it based on the application. High Flow option allows for the use of even the most demanding work tools.
- **Tuned Drivetrain** – Smooth shifting and powerful acceleration is matched with modulated hydrostatic braking in the inching/braking pedal, creating a rhythm for material moving. Creeper and electronic engine speed control makes broom and snow blower work easy. Operator tunes between smooth or aggressive shifting with the push of a button.
- **Cab** – All around visibility is further enhanced with the availability of a rearview camera. The deluxe cab ensures operator comfort with a heated, air suspension seat and easy to use controls. Available features such as Implement and Hystat Aggressiveness, Ride Control, Lift and Tilt Kickouts, Fork/Bucket Mode and Rimpull Control allow the operator to customize the machine via a soft touch keypad.
- **Serviceability** – Extended service intervals and excellent service access make daily checks quick and easy allowing you to get to work sooner.
- **Efficiently Powerful** with its high full turn tipping loads, powerful breakout forces and increased engine power delivers a balanced solution for all customer applications.
- **Standard Fuel Savings Features** such as Eco Mode, On Demand Cooling Fan, and Auto Engine Idle Shutdown make the 920 both powerful and fuel efficient.

Specifications

Engine

Engine Model	Cat® C3.6	
Maximum Gross Power:		
Maximum Engine Speed	2,350 RPM	
SAE J1995	92 kW	123 hp
ISO 14396	90 kW	121 hp
ISO 14396 (DIN)	90 kW	122 hp
Rated Net Power:		
Rated Engine Speed	2,200 RPM	
SAE J1349	90 kW	120 hp
ISO 9249	88 kW	118 hp
ISO 9249 (DIN)	88 kW	120 hp
Displacement	3.6 L	220 in^3
Bore	98 mm	3.86 in
Stroke	120 mm	4.72 in

Engine (continued)

Maximum Gross Torque:		
SAE J1995	505 N·m	372 lbf-ft
ISO 14396	500 N·m	369 lbf-ft
Maximum Net Torque:		
SAE J1349	496 N·m	366 lbf-ft
ISO 9249	493 N·m	363 lbf-ft

- Engine meets Tier 4 Final/Stage V emission standards.
- Net power advertised is the power available at the flywheel plus front drive implement pump when the engine is equipped with fan, air cleaner, muffler and alternator.

CAT®

920 Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.

Engine

- The Cat® C3.6 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)
  - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

  Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg (2.2 lb) of refrigerant which has a CO_2 equivalent of 1.430 metric tonnes (1.57 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

Sound Performance

With cooling fan speed at maximum value:
Operator Sound Pressure Level (ISO 6396:2008) – 77 dB(A)*
Exterior Sound Power Level (ISO 6395:2008) – 103 dB(A)**
Exterior Sound Pressure Level (SAE J88:2013) – 101 dB(A)**

*Measurements were conducted with properly installed and maintained cab doors and windows closed.

**The labeled sound power level for the CE and UK marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC and UK Noise Regulation 2001 No. 1701.

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Engine Idle Shutdown
  - Advanced Electro Hydraulics
  - Engine Demand Fan
  - ECO Mode
  - Hydrostatic Transmission
  - Programmable Linkage Sensors and Kickouts
  - Performance Series Buckets and Optimized Z Bar Linkage
  - Rimpull
  - Remote Flash and Remote Troubleshoot

Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

Material Type	Weight Percentage
Steel	60.41%
Iron	27.24%
Nonferrous Metal	2.77%
Mixed Metal	0.71%
Mixed-Metal and Nonmetal	0.80%
Plastic	1.16%
Rubber	2.46%
Mixed Nonmetallic	0.04%
Fluid	1.82%
Other	2.59%
Uncategorized	0%
Total	100%

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714 (Earthmoving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused, or both.

  All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

  Because of variations of product configurations, the following value in the table may vary.

Recyclability – 95%

D6/D6 XE

Track-Type Tractors

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.36 kg of refrigerant which has a CO_2 equivalent of 1.946 metric tonnes.

Advanced Cabin Filtration

Operator Cabin

- Distributed HVAC ducting with automatic temperature control and blower speed provides ultimate operator comfort with less user input.
- Reduced maintenance of the condenser core with automatic reversing fans.
- Cat Advanced Cabin Filtration is standard.

Cat Advanced Cabin Filtration

- Operator protection from respirable particulate (0.3-10 micron size).
- Sustainably pressurized cab (US Silica compliant).
- Reduced maintenance with longer life, high efficiency filters.
- Protection for all cabin components: electronics, etc.
- Helps meet U.S. Occupational Safety and Health Administration Silica Rule Table 1 requirements for operator cabs.
- Multi-tiered filter offerings for optional efficiency upgrades. Contact Cat dealer for availability.
  - MERV 16 – Standard Equipment
  - HEPA
  - Activated Carbon + HEPA
  - ABEK1 + HEPA

Standards

Rollover Protective Structure (ROPS)/ Falling Object Protective Structure (FOPS)

- ROPS meets ISO 3471:2008, FOPS meets ISO 3449:2005 Level II.

Brakes

- Brakes meet the International Standard ISO 10265:2008.

Sound Level Information

Hearing protection may be needed when the machine is operated with an open operator station, in a noisy environment, with a cab that is not properly maintained, or when the doors and windows are open for extended periods of time.

Sound Level			Test Method
Operator Sound Pressure Level	D6	77 dB(A)*	"ISO 6396:2008"(1)
	D6 XE	76 dB(A)*	
Exterior Sound Power Level	D6	113 dB(A)	"ISO 6395:2008"(2)
		111 dB(A)*	"ISO 6395:1988"(2)
	D6 XE	111 dB(A)	"ISO 6395:2008"(2)
		111 dB(A)*	"ISO 6395:1988"(2)

*Including machines required to meet applicable regional regulations of Ukraine, United Kingdom, and Countries that Adopt the "EU Directives"; or machines equipped with the sound-suppression package.

(1) The measurement was conducted at 70% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds. The measurement was conducted with the cab doors and the cab windows closed. The cab was properly installed and maintained.

(2) The measurement was conducted at 70% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds.

The sound levels listed above include both measurement uncertainty and uncertainty due to production variation.

6612T - Data Sheet

6" Diesel Pump

Vacuum Assisted – dBa Silencer

Product Description

Diesel engine driven centrifugal pump equipped with vacuum-assisted priming system.
Trailer mounted for easy transportation and enclosure for sound attenuation, having the following additional features: Run dry mechanical seal, Auto-start control, monitoring of fuel level, engine load, run time, oil and coolant temperature, and telemetry system.

Technical Data

Operating Parameters

Min. / Max. Flow	410 gpm / 2680 gpm
Min. / Max. Shutoff Head	74 ft (32psi) / 192 ft (83psi)
Maximum Casing Pressure	175 psi
Maximum Temperature	200°F
Maximum Solid Size	3 inch
Min. / Max. Pump Speed	1200 rpm / 1950 rpm

Pump & Accessory Specifications

Suction / Discharge Size	6 inch / 6 inch
Impeller Diameter	12 inch
Vacuum System - Type / Capacity	Diaphragm / 50 CFM

Casing	Ductile Iron
Impeller	Ductile Iron
Wear Ring	Cast Iron
Shaft	Stressproof Steel
Mechanical Seal Faces	Silicon-Carbide / Silicon-Carbide
Mechanical Seal Lubrication	ISO Viscosity Grade 32 or Lower *(synthetic recommended)*
O-rings & Gaskets	Buna-N & Viton
Check Valve Body	Ductile Iron
Check Valve Flapper	Buna-N
Check Valve Type	Swing type

Notes

- Performance data based on water at 60°F
- Run time indicated is for reference and could vary based on speed and engine loads
- Maximum temperature is the equipment material limitation. Based on the application, process, product and NPSH requirements, the maximum allowable temperature could be lower
- This pump is also available with a 20 CFM venturi-compressor priming system

Driver Properties	Type A	Type B
Driver Type	Diesel Engine	Diesel Engine
Driver Make	Cummins	Duetz
Model	QSF2.8	TD2.9L4
Max. Continuous Rating	74 hp	75 hp
Total Displacement	2.8 liters	2.92 liters
Aspiration	Turbocharged Charge-Air Cooled	Turbocharged
Number of Cylinders	4	4
Safety Shutdowns	Low Oil Pressure, High Temp.	Low Oil Pressure, High Temp. & V-Belt Failure
Fuel Consumption	2.8 gal/hr @ 1800 rpm	3 gal/hr @ 1800 rpm
Run Time	39.1 hours @ 1800 rpm	28.2 hours @ 1800 rpm
Fuel Type	No. 2 Diesel: **NO BIODIESEL**	No. 2 Diesel: **NO BIODIESEL**
Fuel Capacity	110 U.S. gallons	85 U.S. gallons
Noise Rating	70 dBa @ 30 feet	70 dBa @ 30 feet

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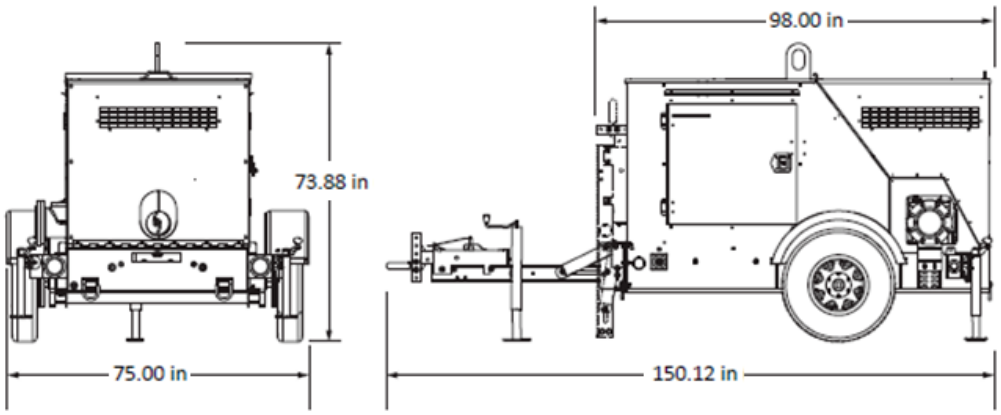
6612T - Data Sheet

6" Diesel Pump

Vacuum Assisted – dBa Silencer

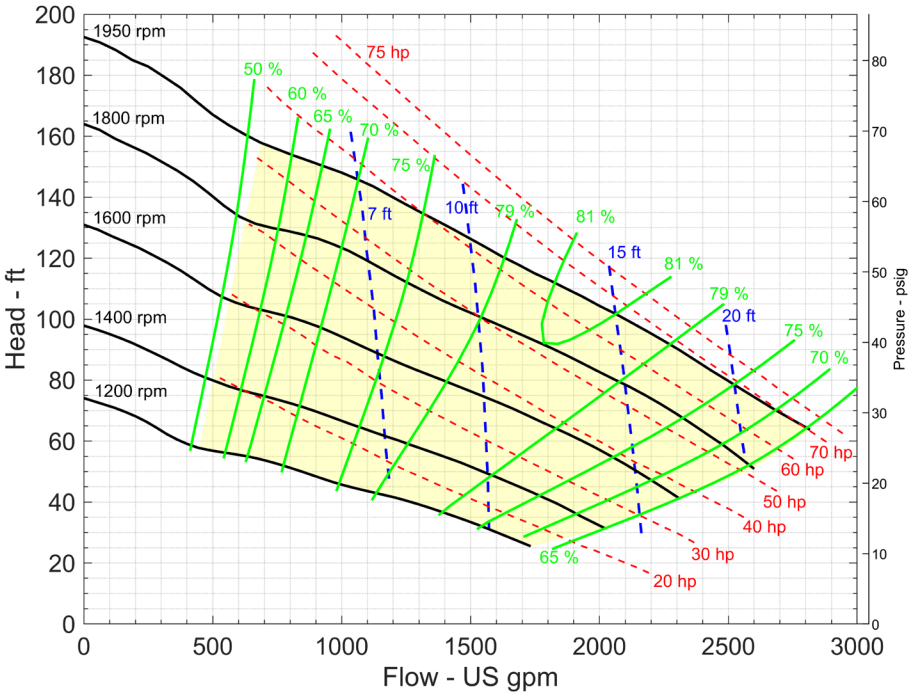
Dimensional Drawing



Dimensional Details

Total Weight wo/Fuel	3533 lbs
Total Weight w/Fuel	4314 lbs
Overall Height	74 inch
Overall Width	75 inch
Overall Length	150 inch

Performance Curve



Pump Make	Cornell
Pump Model	6612T
Operating Speed	Variable
Min. Speed	1200 rpm
Max. Speed	1950 rpm
Impeller Rated Dia.	12 inch
Impeller Type	Enclosed
No. of Impeller Vanes	2
Solid Dia.	3 inch
Specific Speed	2570 US Units
Suction Size	6 inch
Discharge Size	6 inch

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Appendix E Sample Calculations

Noise Assessment – Site Alteration & Fill Management Plan

5783 Bloomington Road, Whitchurch-Stouffville

1398493 Ontario Inc.

SLR Project No.: 241.031348.00001

October 28, 2024

Receiver
Name: R2 - 12 Thornbay Dr
ID: R2
X: 639013.73 m
Y: 4873753.20 m
Z: 327.77 m

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1	638957.40	4873643.76	323.39	0	DEN	32	29.0	28.6	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-0.3
1	638957.40	4873643.76	323.39	0	DEN	63	37.2	28.6	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	7.6
1	638957.40	4873643.76	323.39	0	DEN	125	43.3	28.6	0.0	0.0	0.0	52.8	0.1	1.0	0.0	0.0	4.9	0.0	0.0	13.1
1	638957.40	4873643.76	323.39	0	DEN	250	48.8	28.6	0.0	0.0	0.0	52.8	0.1	1.7	0.0	0.0	5.1	0.0	0.0	17.7
1	638957.40	4873643.76	323.39	0	DEN	500	54.2	28.6	0.0	0.0	0.0	52.8	0.2	-1.0	0.0	0.0	9.2	0.0	0.0	21.6
1	638957.40	4873643.76	323.39	0	DEN	1000	60.4	28.6	0.0	0.0	0.0	52.8	0.5	-1.3	0.0	0.0	11.4	0.0	0.0	25.7
1	638957.40	4873643.76	323.39	0	DEN	2000	59.6	28.6	0.0	0.0	0.0	52.8	1.2	-1.3	0.0	0.0	13.7	0.0	0.0	21.8
1	638957.40	4873643.76	323.39	0	DEN	4000	55.4	28.6	0.0	0.0	0.0	52.8	4.0	-1.3	0.0	0.0	16.3	0.0	0.0	12.2
1	638957.40	4873643.76	323.39	0	DEN	8000	52.3	28.6	0.0	0.0	0.0	52.8	14.4	-1.3	0.0	0.0	19.1	0.0	0.0	-4.1
13	638929.57	4873638.28	323.71	0	DEN	32	29.0	28.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-1.4
13	638929.57	4873638.28	323.71	0	DEN	63	37.2	28.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	6.6
13	638929.57	4873638.28	323.71	0	DEN	125	43.3	28.6	0.0	0.0	0.0	54.1	0.1	1.0	0.0	0.0	4.4	0.0	0.0	12.3
13	638929.57	4873638.28	323.71	0	DEN	250	48.8	28.6	0.0	0.0	0.0	54.1	0.1	1.7	0.0	0.0	4.3	0.0	0.0	17.2
13	638929.57	4873638.28	323.71	0	DEN	500	54.2	28.6	0.0	0.0	0.0	54.1	0.3	-1.0	0.0	0.0	7.9	0.0	0.0	21.5
13	638929.57	4873638.28	323.71	0	DEN	1000	60.4	28.6	0.0	0.0	0.0	54.1	0.5	-1.4	0.0	0.0	9.7	0.0	0.0	26.0
13	638929.57	4873638.28	323.71	0	DEN	2000	59.6	28.6	0.0	0.0	0.0	54.1	1.4	-1.4	0.0	0.0	11.6	0.0	0.0	22.5
13	638929.57	4873638.28	323.71	0	DEN	4000	55.4	28.6	0.0	0.0	0.0	54.1	4.7	-1.4	0.0	0.0	14.0	0.0	0.0	12.6
13	638929.57	4873638.28	323.71	0	DEN	8000	52.3	28.6	0.0	0.0	0.0	54.1	16.7	-1.4	0.0	0.0	16.6	0.0	0.0	-5.1
15	638960.80	4873661.79	323.65	0	DEN	32	29.0	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-2.1
15	638960.80	4873661.79	323.65	0	DEN	63	37.2	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	5.7
15	638960.80	4873661.79	323.65	0	DEN	125	43.3	25.6	0.0	0.0	0.0	51.5	0.0	0.9	0.0	0.0	5.5	0.0	0.0	11.0
15	638960.80	4873661.79	323.65	0	DEN	250	48.8	25.6	0.0	0.0	0.0	51.5	0.1	1.5	0.0	0.0	5.9	0.0	0.0	15.3
15	638960.80	4873661.79	323.65	0	DEN	500	54.2	25.6	0.0	0.0	0.0	51.5	0.2	-1.0	0.0	0.0	10.1	0.0	0.0	19.0
15	638960.80	4873661.79	323.65	0	DEN	1000	60.4	25.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.6	0.0	0.0	22.9
15	638960.80	4873661.79	323.65	0	DEN	2000	59.6	25.6	0.0	0.0	0.0	51.5	1.0	-1.4	0.0	0.0	15.1	0.0	0.0	18.9
15	638960.80	4873661.79	323.65	0	DEN	4000	55.4	25.6	0.0	0.0	0.0	51.5	3.5	-1.4	0.0	0.0	17.8	0.0	0.0	9.6
15	638960.80	4873661.79	323.65	0	DEN	8000	52.3	25.6	0.0	0.0	0.0	51.5	12.4	-1.4	0.0	0.0	20.7	0.0	0.0	-5.3
17	638977.09	4873653.43	323.26	0	DEN	32	29.0	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-2.4
17	638977.09	4873653.43	323.26	0	DEN	63	37.2	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	5.2
17	638977.09	4873653.43	323.26	0	DEN	125	43.3	25.6	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.9	0.0	0.0	10.3
17	638977.09	4873653.43	323.26	0	DEN	250	48.8	25.6	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	6.8	0.0	0.0	14.2
17	638977.09	4873653.43	323.26	0	DEN	500	54.2	25.6	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	11.4	0.0	0.0	17.6
17	638977.09	4873653.43	323.26	0	DEN	1000	60.4	25.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	14.1	0.0	0.0	21.2
17	638977.09	4873653.43	323.26	0	DEN	2000	59.6	25.6	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	16.8	0.0	0.0	17.1
17	638977.09	4873653.43	323.26	0	DEN	4000	55.4	25.6	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	19.6	0.0	0.0	7.6
17	638977.09	4873653.43	323.26	0	DEN	8000	52.3	25.6	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	21.3	0.0	0.0	-6.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
18	638958.42	4873672.89	323.88	0	DEN	32	29.0	25.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-1.5
18	638958.42	4873672.89	323.88	0	DEN	63	37.2	25.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	6.3
18	638958.42	4873672.89	323.88	0	DEN	125	43.3	25.6	0.0	0.0	0.0	50.8	0.0	0.9	0.0	0.0	5.6	0.0	0.0	11.6
18	638958.42	4873672.89	323.88	0	DEN	250	48.8	25.6	0.0	0.0	0.0	50.8	0.1	1.5	0.0	0.0	6.1	0.0	0.0	15.8
18	638958.42	4873672.89	323.88	0	DEN	500	54.2	25.6	0.0	0.0	0.0	50.8	0.2	-1.0	0.0	0.0	10.3	0.0	0.0	19.4
18	638958.42	4873672.89	323.88	0	DEN	1000	60.4	25.6	0.0	0.0	0.0	50.8	0.4	-1.3	0.0	0.0	12.9	0.0	0.0	23.3
18	638958.42	4873672.89	323.88	0	DEN	2000	59.6	25.6	0.0	0.0	0.0	50.8	0.9	-1.3	0.0	0.0	15.4	0.0	0.0	19.4
18	638958.42	4873672.89	323.88	0	DEN	4000	55.4	25.6	0.0	0.0	0.0	50.8	3.2	-1.3	0.0	0.0	18.1	0.0	0.0	10.2
18	638958.42	4873672.89	323.88	0	DEN	8000	52.3	25.6	0.0	0.0	0.0	50.8	11.4	-1.3	0.0	0.0	21.0	0.0	0.0	-4.0
19	638969.96	4873686.74	323.95	0	DEN	32	29.0	25.6	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-0.1
19	638969.96	4873686.74	323.95	0	DEN	63	37.2	25.6	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	7.3
19	638969.96	4873686.74	323.95	0	DEN	125	43.3	25.6	0.0	0.0	0.0	49.0	0.0	1.1	0.0	0.0	6.5	0.0	0.0	12.2
19	638969.96	4873686.74	323.95	0	DEN	250	48.8	25.6	0.0	0.0	0.0	49.0	0.1	2.0	0.0	0.0	7.3	0.0	0.0	16.0
19	638969.96	4873686.74	323.95	0	DEN	500	54.2	25.6	0.0	0.0	0.0	49.0	0.2	-0.7	0.0	0.0	12.2	0.0	0.0	19.1
19	638969.96	4873686.74	323.95	0	DEN	1000	60.4	25.6	0.0	0.0	0.0	49.0	0.3	-1.1	0.0	0.0	15.1	0.0	0.0	22.7
19	638969.96	4873686.74	323.95	0	DEN	2000	59.6	25.6	0.0	0.0	0.0	49.0	0.8	-1.1	0.0	0.0	17.9	0.0	0.0	18.7
19	638969.96	4873686.74	323.95	0	DEN	4000	55.4	25.6	0.0	0.0	0.0	49.0	2.6	-1.1	0.0	0.0	20.7	0.0	0.0	9.7
19	638969.96	4873686.74	323.95	0	DEN	8000	52.3	25.6	0.0	0.0	0.0	49.0	9.3	-1.1	0.0	0.0	21.1	0.0	0.0	-0.5
21	638962.16	4873621.56	322.93	0	DEN	32	29.0	28.6	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-1.4
21	638962.16	4873621.56	322.93	0	DEN	63	37.2	28.6	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	6.5
21	638962.16	4873621.56	322.93	0	DEN	125	43.3	28.6	0.0	0.0	0.0	54.0	0.1	1.2	0.0	0.0	4.5	0.0	0.0	12.1
21	638962.16	4873621.56	322.93	0	DEN	250	48.8	28.6	0.0	0.0	0.0	54.0	0.1	1.8	0.0	0.0	4.6	0.0	0.0	16.8
21	638962.16	4873621.56	322.93	0	DEN	500	54.2	28.6	0.0	0.0	0.0	54.0	0.3	-0.9	0.0	0.0	8.5	0.0	0.0	20.9
21	638962.16	4873621.56	322.93	0	DEN	1000	60.4	28.6	0.0	0.0	0.0	54.0	0.5	-1.3	0.0	0.0	10.6	0.0	0.0	25.2
21	638962.16	4873621.56	322.93	0	DEN	2000	59.6	28.6	0.0	0.0	0.0	54.0	1.4	-1.3	0.0	0.0	12.8	0.0	0.0	21.3
21	638962.16	4873621.56	322.93	0	DEN	4000	55.4	28.6	0.0	0.0	0.0	54.0	4.6	-1.3	0.0	0.0	15.3	0.0	0.0	11.3
21	638962.16	4873621.56	322.93	0	DEN	8000	52.3	28.6	0.0	0.0	0.0	54.0	16.5	-1.3	0.0	0.0	18.1	0.0	0.0	-6.4
23	638934.32	4873616.07	323.25	0	DEN	32	29.0	28.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-2.3
23	638934.32	4873616.07	323.25	0	DEN	63	37.2	28.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	5.7
23	638934.32	4873616.07	323.25	0	DEN	125	43.3	28.6	0.0	0.0	0.0	55.0	0.1	1.1	0.0	0.0	4.3	0.0	0.0	11.5
23	638934.32	4873616.07	323.25	0	DEN	250	48.8	28.6	0.0	0.0	0.0	55.0	0.2	1.7	0.0	0.0	4.1	0.0	0.0	16.4
23	638934.32	4873616.07	323.25	0	DEN	500	54.2	28.6	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	7.6	0.0	0.0	20.9
23	638934.32	4873616.07	323.25	0	DEN	1000	60.4	28.6	0.0	0.0	0.0	55.0	0.6	-1.4	0.0	0.0	9.3	0.0	0.0	25.5
23	638934.32	4873616.07	323.25	0	DEN	2000	59.6	28.6	0.0	0.0	0.0	55.0	1.5	-1.4	0.0	0.0	11.1	0.0	0.0	21.9
23	638934.32	4873616.07	323.25	0	DEN	4000	55.4	28.6	0.0	0.0	0.0	55.0	5.2	-1.4	0.0	0.0	13.4	0.0	0.0	11.8
23	638934.32	4873616.07	323.25	0	DEN	8000	52.3	28.6	0.0	0.0	0.0	55.0	18.5	-1.4	0.0	0.0	15.9	0.0	0.0	-7.2
25	638980.83	4873602.09	322.31	0	DEN	32	29.0	31.6	0.0	0.0	0.0	54.8	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	0.8
25	638980.83	4873602.09	322.31	0	DEN	63	37.2	31.6	0.0	0.0	0.0	54.8	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	8.7
25	638980.83	4873602.09	322.31	0	DEN	125	43.3	31.6	0.0	0.0	0.0	54.8	0.1	1.3	0.0	0.0	4.4	0.0	0.0	14.3
25	638980.83	4873602.09	322.31	0	DEN	250	48.8	31.6	0.0	0.0	0.0	54.8	0.2	1.9	0.0	0.0	4.6	0.0	0.0	18.9
25	638980.83	4873602.09	322.31	0	DEN	500	54.2	31.6	0.0	0.0	0.0	54.8	0.3	-0.9	0.0	0.0	8.7	0.0	0.0	22.9
25	638980.83	4873602.09	322.31	0	DEN	1000	60.4	31.6	0.0	0.0	0.0	54.8	0.6	-1.3	0.0	0.0	10.8	0.0	0.0	27.1
25	638980.83	4873602.09	322.31	0	DEN	2000	59.6	31.6	0.0	0.0	0.0	54.8	1.5	-1.3	0.0	0.0	13.1	0.0	0.0	23.1
25	638980.83	4873602.09	322.31	0	DEN	4000	55.4	31.6	0.0	0.0	0.0	54.8	5.1	-1.3	0.0	0.0	15.6	0.0	0.0	12.8
25	638980.83	4873602.09	322.31	0	DEN	8000	52.3	31.6	0.0	0.0	0.0	54.8	18.1	-1.3	0.0	0.0	18.4	0.0	0.0	-6.1
30	638763.32	4873735.77	327.90	0	DEN	32	29.0	35.9	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	1.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
30	638763.32	4873735.77	327.90	0	DEN	63	37.2	35.9	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	9.2
30	638763.32	4873735.77	327.90	0	DEN	125	43.3	35.9	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.0	0.0	0.0	15.2
30	638763.32	4873735.77	327.90	0	DEN	250	48.8	35.9	0.0	0.0	0.0	59.0	0.3	1.5	0.0	0.0	3.6	0.0	0.0	20.3
30	638763.32	4873735.77	327.90	0	DEN	500	54.2	35.9	0.0	0.0	0.0	59.0	0.5	-1.3	0.0	0.0	6.7	0.0	0.0	25.2
30	638763.32	4873735.77	327.90	0	DEN	1000	60.4	35.9	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	7.6	0.0	0.0	30.4
30	638763.32	4873735.77	327.90	0	DEN	2000	59.6	35.9	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	8.6	0.0	0.0	27.2
30	638763.32	4873735.77	327.90	0	DEN	4000	55.4	35.9	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	10.0	0.0	0.0	15.7
30	638763.32	4873735.77	327.90	0	DEN	8000	52.3	35.9	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	12.0	0.0	0.0	-10.4
32	638784.77	4873696.86	326.90	0	DEN	32	29.0	32.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-1.4
32	638784.77	4873696.86	326.90	0	DEN	63	37.2	32.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	6.7
32	638784.77	4873696.86	326.90	0	DEN	125	43.3	32.9	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	12.6
32	638784.77	4873696.86	326.90	0	DEN	250	48.8	32.9	0.0	0.0	0.0	58.5	0.2	1.6	0.0	0.0	3.7	0.0	0.0	17.7
32	638784.77	4873696.86	326.90	0	DEN	500	54.2	32.9	0.0	0.0	0.0	58.5	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	22.5
32	638784.77	4873696.86	326.90	0	DEN	1000	60.4	32.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.1	0.0	0.0	27.5
32	638784.77	4873696.86	326.90	0	DEN	2000	59.6	32.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.3	0.0	0.0	24.0
32	638784.77	4873696.86	326.90	0	DEN	4000	55.4	32.9	0.0	0.0	0.0	58.5	7.7	-1.6	0.0	0.0	11.1	0.0	0.0	12.6
32	638784.77	4873696.86	326.90	0	DEN	8000	52.3	32.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.3	0.0	0.0	-12.5
34	638833.71	4873678.73	325.85	0	DEN	32	29.0	29.9	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-2.8
34	638833.71	4873678.73	325.85	0	DEN	63	37.2	29.9	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	5.3
34	638833.71	4873678.73	325.85	0	DEN	125	43.3	29.9	0.0	0.0	0.0	56.8	0.1	1.1	0.0	0.0	4.1	0.0	0.0	11.1
34	638833.71	4873678.73	325.85	0	DEN	250	48.8	29.9	0.0	0.0	0.0	56.8	0.2	1.8	0.0	0.0	3.9	0.0	0.0	16.0
34	638833.71	4873678.73	325.85	0	DEN	500	54.2	29.9	0.0	0.0	0.0	56.8	0.4	-1.0	0.0	0.0	7.4	0.0	0.0	20.5
34	638833.71	4873678.73	325.85	0	DEN	1000	60.4	29.9	0.0	0.0	0.0	56.8	0.7	-1.4	0.0	0.0	8.9	0.0	0.0	25.2
34	638833.71	4873678.73	325.85	0	DEN	2000	59.6	29.9	0.0	0.0	0.0	56.8	1.9	-1.4	0.0	0.0	10.6	0.0	0.0	21.6
34	638833.71	4873678.73	325.85	0	DEN	4000	55.4	29.9	0.0	0.0	0.0	56.8	6.4	-1.4	0.0	0.0	12.7	0.0	0.0	10.8
34	638833.71	4873678.73	325.85	0	DEN	8000	52.3	29.9	0.0	0.0	0.0	56.8	22.8	-1.4	0.0	0.0	15.3	0.0	0.0	-11.2
36	638844.44	4873659.27	325.35	0	DEN	32	29.0	26.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-5.8
36	638844.44	4873659.27	325.35	0	DEN	63	37.2	26.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	2.3
36	638844.44	4873659.27	325.35	0	DEN	125	43.3	26.9	0.0	0.0	0.0	56.7	0.1	1.1	0.0	0.0	4.1	0.0	0.0	8.2
36	638844.44	4873659.27	325.35	0	DEN	250	48.8	26.9	0.0	0.0	0.0	56.7	0.2	1.8	0.0	0.0	3.8	0.0	0.0	13.2
36	638844.44	4873659.27	325.35	0	DEN	500	54.2	26.9	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	7.2	0.0	0.0	17.7
36	638844.44	4873659.27	325.35	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	8.7	0.0	0.0	22.5
36	638844.44	4873659.27	325.35	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	10.3	0.0	0.0	19.0
36	638844.44	4873659.27	325.35	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	12.4	0.0	0.0	8.2
36	638844.44	4873659.27	325.35	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	56.7	22.6	-1.4	0.0	0.0	14.8	0.0	0.0	-13.6
38	638875.47	4873643.35	324.61	0	DEN	32	29.0	26.9	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-5.0
38	638875.47	4873643.35	324.61	0	DEN	63	37.2	26.9	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	3.1
38	638875.47	4873643.35	324.61	0	DEN	125	43.3	26.9	0.0	0.0	0.0	55.9	0.1	1.0	0.0	0.0	4.2	0.0	0.0	9.0
38	638875.47	4873643.35	324.61	0	DEN	250	48.8	26.9	0.0	0.0	0.0	55.9	0.2	1.7	0.0	0.0	3.8	0.0	0.0	14.0
38	638875.47	4873643.35	324.61	0	DEN	500	54.2	26.9	0.0	0.0	0.0	55.9	0.3	-1.0	0.0	0.0	7.2	0.0	0.0	18.6
38	638875.47	4873643.35	324.61	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	55.9	0.6	-1.4	0.0	0.0	8.7	0.0	0.0	23.4
38	638875.47	4873643.35	324.61	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	55.9	1.7	-1.4	0.0	0.0	10.3	0.0	0.0	19.9
38	638875.47	4873643.35	324.61	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	55.9	5.8	-1.4	0.0	0.0	12.4	0.0	0.0	9.6
38	638875.47	4873643.35	324.61	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	55.9	20.6	-1.4	0.0	0.0	14.8	0.0	0.0	-10.8
40	638701.26	4873767.61	329.38	0	DEN	32	29.0	35.9	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-0.8
40	638701.26	4873767.61	329.38	0	DEN	63	37.2	35.9	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	7.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
40	638701.26	4873767.61	329.38	0	DEN	125	43.3	35.9	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	13.3
40	638701.26	4873767.61	329.38	0	DEN	250	48.8	35.9	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.6	0.0	0.0	18.6
40	638701.26	4873767.61	329.38	0	DEN	500	54.2	35.9	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	23.6
40	638701.26	4873767.61	329.38	0	DEN	1000	60.4	35.9	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.2	0.0	0.0	29.0
40	638701.26	4873767.61	329.38	0	DEN	2000	59.6	35.9	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	7.6	0.0	0.0	25.8
40	638701.26	4873767.61	329.38	0	DEN	4000	55.4	35.9	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	8.4	0.0	0.0	13.6
40	638701.26	4873767.61	329.38	0	DEN	8000	52.3	35.9	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	9.6	0.0	0.0	-17.0
41	638660.65	4873760.54	329.87	0	DEN	32	29.0	32.9	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-4.9
41	638660.65	4873760.54	329.87	0	DEN	63	37.2	32.9	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	3.3
41	638660.65	4873760.54	329.87	0	DEN	125	43.3	32.9	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	9.3
41	638660.65	4873760.54	329.87	0	DEN	250	48.8	32.9	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	14.5
41	638660.65	4873760.54	329.87	0	DEN	500	54.2	32.9	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	19.5
41	638660.65	4873760.54	329.87	0	DEN	1000	60.4	32.9	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.1	0.0	0.0	24.9
41	638660.65	4873760.54	329.87	0	DEN	2000	59.6	32.9	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.4	0.0	0.0	21.7
41	638660.65	4873760.54	329.87	0	DEN	4000	55.4	32.9	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	8.0	0.0	0.0	8.7
41	638660.65	4873760.54	329.87	0	DEN	8000	52.3	32.9	0.0	0.0	0.0	62.0	41.3	-2.0	0.0	0.0	9.0	0.0	0.0	-25.0
43	638598.58	4873792.37	331.35	0	DEN	32	29.0	32.9	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-6.3
43	638598.58	4873792.37	331.35	0	DEN	63	37.2	32.9	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	1.9
43	638598.58	4873792.37	331.35	0	DEN	125	43.3	32.9	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	7.8
43	638598.58	4873792.37	331.35	0	DEN	250	48.8	32.9	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	13.0
43	638598.58	4873792.37	331.35	0	DEN	500	54.2	32.9	0.0	0.0	0.0	63.4	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	18.0
43	638598.58	4873792.37	331.35	0	DEN	1000	60.4	32.9	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	23.5
43	638598.58	4873792.37	331.35	0	DEN	2000	59.6	32.9	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.2	0.0	0.0	20.0
43	638598.58	4873792.37	331.35	0	DEN	4000	55.4	32.9	0.0	0.0	0.0	63.4	13.7	-2.1	0.0	0.0	7.4	0.0	0.0	5.9
43	638598.58	4873792.37	331.35	0	DEN	8000	52.3	32.9	0.0	0.0	0.0	63.4	48.7	-2.1	0.0	0.0	7.9	0.0	0.0	-32.7
55	638857.67	4873736.21	326.49	0	DEN	32	29.0	32.9	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	2.0
55	638857.67	4873736.21	326.49	0	DEN	63	37.2	32.9	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	10.1
55	638857.67	4873736.21	326.49	0	DEN	125	43.3	32.9	0.0	0.0	0.0	54.9	0.1	0.9	0.0	0.0	4.4	0.0	0.0	15.9
55	638857.67	4873736.21	326.49	0	DEN	250	48.8	32.9	0.0	0.0	0.0	54.9	0.2	1.6	0.0	0.0	4.2	0.0	0.0	20.8
55	638857.67	4873736.21	326.49	0	DEN	500	54.2	32.9	0.0	0.0	0.0	54.9	0.3	-1.0	0.0	0.0	7.7	0.0	0.0	25.2
55	638857.67	4873736.21	326.49	0	DEN	1000	60.4	32.9	0.0	0.0	0.0	54.9	0.6	-1.4	0.0	0.0	9.4	0.0	0.0	29.8
55	638857.67	4873736.21	326.49	0	DEN	2000	59.6	32.9	0.0	0.0	0.0	54.9	1.5	-1.4	0.0	0.0	11.2	0.0	0.0	26.3
55	638857.67	4873736.21	326.49	0	DEN	4000	55.4	32.9	0.0	0.0	0.0	54.9	5.1	-1.4	0.0	0.0	13.5	0.0	0.0	16.2
55	638857.67	4873736.21	326.49	0	DEN	8000	52.3	32.9	0.0	0.0	0.0	54.9	18.3	-1.4	0.0	0.0	16.0	0.0	0.0	-2.7
57	638885.17	4873756.99	326.44	0	DEN	32	29.0	29.9	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	0.7
57	638885.17	4873756.99	326.44	0	DEN	63	37.2	29.9	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	8.7
57	638885.17	4873756.99	326.44	0	DEN	125	43.3	29.9	0.0	0.0	0.0	53.2	0.1	0.9	0.0	0.0	4.6	0.0	0.0	14.4
57	638885.17	4873756.99	326.44	0	DEN	250	48.8	29.9	0.0	0.0	0.0	53.2	0.1	1.6	0.0	0.0	4.5	0.0	0.0	19.2
57	638885.17	4873756.99	326.44	0	DEN	500	54.2	29.9	0.0	0.0	0.0	53.2	0.2	-1.0	0.0	0.0	8.2	0.0	0.0	23.5
57	638885.17	4873756.99	326.44	0	DEN	1000	60.4	29.9	0.0	0.0	0.0	53.2	0.5	-1.4	0.0	0.0	10.0	0.0	0.0	28.0
57	638885.17	4873756.99	326.44	0	DEN	2000	59.6	29.9	0.0	0.0	0.0	53.2	1.2	-1.4	0.0	0.0	12.1	0.0	0.0	24.4
57	638885.17	4873756.99	326.44	0	DEN	4000	55.4	29.9	0.0	0.0	0.0	53.2	4.2	-1.4	0.0	0.0	14.5	0.0	0.0	14.8
57	638885.17	4873756.99	326.44	0	DEN	8000	52.3	29.9	0.0	0.0	0.0	53.2	15.0	-1.4	0.0	0.0	17.1	0.0	0.0	-1.8
75	638909.64	4873747.92	325.91	0	DEN	32	29.0	26.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-0.6
75	638909.64	4873747.92	325.91	0	DEN	63	37.2	26.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	7.3
75	638909.64	4873747.92	325.91	0	DEN	125	43.3	26.9	0.0	0.0	0.0	51.4	0.0	0.7	0.0	0.0	5.2	0.0	0.0	12.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
75	638909.64	4873747.92	325.91	0	DEN	250	48.8	26.9	0.0	0.0	0.0	51.4	0.1	1.4	0.0	0.0	5.4	0.0	0.0	17.4
75	638909.64	4873747.92	325.91	0	DEN	500	54.2	26.9	0.0	0.0	0.0	51.4	0.2	-1.1	0.0	0.0	9.3	0.0	0.0	21.3
75	638909.64	4873747.92	325.91	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	51.4	0.4	-1.4	0.0	0.0	11.5	0.0	0.0	25.4
75	638909.64	4873747.92	325.91	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	51.4	1.0	-1.4	0.0	0.0	13.8	0.0	0.0	21.7
75	638909.64	4873747.92	325.91	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	51.4	3.4	-1.4	0.0	0.0	16.5	0.0	0.0	12.4
75	638909.64	4873747.92	325.91	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	51.4	12.2	-1.4	0.0	0.0	19.3	0.0	0.0	-2.2
85	638923.39	4873758.31	325.89	0	DEN	32	29.0	23.9	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-2.4
85	638923.39	4873758.31	325.89	0	DEN	63	37.2	23.9	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	5.4
85	638923.39	4873758.31	325.89	0	DEN	125	43.3	23.9	0.0	0.0	0.0	50.1	0.0	0.8	0.0	0.0	5.4	0.0	0.0	10.8
85	638923.39	4873758.31	325.89	0	DEN	250	48.8	23.9	0.0	0.0	0.0	50.1	0.1	1.5	0.0	0.0	5.7	0.0	0.0	15.2
85	638923.39	4873758.31	325.89	0	DEN	500	54.2	23.9	0.0	0.0	0.0	50.1	0.2	-1.0	0.0	0.0	9.8	0.0	0.0	19.0
85	638923.39	4873758.31	325.89	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	50.1	0.3	-1.3	0.0	0.0	12.2	0.0	0.0	23.0
85	638923.39	4873758.31	325.89	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	50.1	0.9	-1.3	0.0	0.0	14.6	0.0	0.0	19.2
85	638923.39	4873758.31	325.89	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	50.1	3.0	-1.3	0.0	0.0	17.3	0.0	0.0	10.2
85	638923.39	4873758.31	325.89	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	50.1	10.6	-1.3	0.0	0.0	20.1	0.0	0.0	-3.4
87	638935.62	4873753.78	325.63	0	DEN	32	29.0	20.9	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-4.3
87	638935.62	4873753.78	325.63	0	DEN	63	37.2	20.9	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	3.4
87	638935.62	4873753.78	325.63	0	DEN	125	43.3	20.9	0.0	0.0	0.0	48.9	0.0	0.9	0.0	0.0	5.7	0.0	0.0	8.6
87	638935.62	4873753.78	325.63	0	DEN	250	48.8	20.9	0.0	0.0	0.0	48.9	0.1	1.8	0.0	0.0	6.1	0.0	0.0	12.7
87	638935.62	4873753.78	325.63	0	DEN	500	54.2	20.9	0.0	0.0	0.0	48.9	0.2	-0.8	0.0	0.0	10.6	0.0	0.0	16.2
87	638935.62	4873753.78	325.63	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	48.9	0.3	-1.2	0.0	0.0	13.2	0.0	0.0	20.0
87	638935.62	4873753.78	325.63	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	48.9	0.8	-1.2	0.0	0.0	15.8	0.0	0.0	16.2
87	638935.62	4873753.78	325.63	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	48.9	2.6	-1.2	0.0	0.0	18.6	0.0	0.0	7.4
87	638935.62	4873753.78	325.63	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	48.9	9.1	-1.2	0.0	0.0	21.2	0.0	0.0	-4.8
97	638946.97	4873758.42	325.54	0	DEN	32	29.0	20.9	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-3.2
97	638946.97	4873758.42	325.54	0	DEN	63	37.2	20.9	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	4.3
97	638946.97	4873758.42	325.54	0	DEN	125	43.3	20.9	0.0	0.0	0.0	47.5	0.0	0.9	0.0	0.0	6.3	0.0	0.0	9.3
97	638946.97	4873758.42	325.54	0	DEN	250	48.8	20.9	0.0	0.0	0.0	47.5	0.1	1.8	0.0	0.0	7.0	0.0	0.0	13.2
97	638946.97	4873758.42	325.54	0	DEN	500	54.2	20.9	0.0	0.0	0.0	47.5	0.1	-0.7	0.0	0.0	11.7	0.0	0.0	16.5
97	638946.97	4873758.42	325.54	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	47.5	0.2	-1.1	0.0	0.0	14.5	0.0	0.0	20.1
97	638946.97	4873758.42	325.54	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	47.5	0.6	-1.1	0.0	0.0	17.2	0.0	0.0	16.2
97	638946.97	4873758.42	325.54	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	47.5	2.2	-1.1	0.0	0.0	20.0	0.0	0.0	7.6
97	638946.97	4873758.42	325.54	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	47.5	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-2.2
99	638821.85	4873740.63	327.10	0	DEN	32	29.0	32.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	0.3
99	638821.85	4873740.63	327.10	0	DEN	63	37.2	32.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	8.4
99	638821.85	4873740.63	327.10	0	DEN	125	43.3	32.9	0.0	0.0	0.0	56.7	0.1	1.0	0.0	0.0	4.1	0.0	0.0	14.3
99	638821.85	4873740.63	327.10	0	DEN	250	48.8	32.9	0.0	0.0	0.0	56.7	0.2	1.7	0.0	0.0	3.7	0.0	0.0	19.4
99	638821.85	4873740.63	327.10	0	DEN	500	54.2	32.9	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	24.1
99	638821.85	4873740.63	327.10	0	DEN	1000	60.4	32.9	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	8.3	0.0	0.0	29.0
99	638821.85	4873740.63	327.10	0	DEN	2000	59.6	32.9	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	9.8	0.0	0.0	25.6
99	638821.85	4873740.63	327.10	0	DEN	4000	55.4	32.9	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	11.7	0.0	0.0	15.0
99	638821.85	4873740.63	327.10	0	DEN	8000	52.3	32.9	0.0	0.0	0.0	56.7	22.5	-1.4	0.0	0.0	14.1	0.0	0.0	-6.6
101	638795.61	4873768.05	327.97	0	DEN	32	29.0	32.9	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-0.7
101	638795.61	4873768.05	327.97	0	DEN	63	37.2	32.9	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	8.0	0.0	0.0	7.4
101	638795.61	4873768.05	327.97	0	DEN	125	43.3	32.9	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	3.8	0.0	0.0	13.3
101	638795.61	4873768.05	327.97	0	DEN	250	48.8	32.9	0.0	0.0	0.0	57.8	0.2	1.7	0.0	0.0	3.4	0.0	0.0	18.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
101	638795.61	4873768.05	327.97	0	DEN	500	54.2	32.9	0.0	0.0	0.0	57.8	0.4	-1.1	0.0	0.0	6.6	0.0	0.0	23.4
101	638795.61	4873768.05	327.97	0	DEN	1000	60.4	32.9	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	7.6	0.0	0.0	28.6
101	638795.61	4873768.05	327.97	0	DEN	2000	59.6	32.9	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	8.6	0.0	0.0	25.4
101	638795.61	4873768.05	327.97	0	DEN	4000	55.4	32.9	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	10.2	0.0	0.0	14.6
101	638795.61	4873768.05	327.97	0	DEN	8000	52.3	32.9	0.0	0.0	0.0	57.8	25.6	-1.5	0.0	0.0	12.2	0.0	0.0	-8.9
103	638901.82	4873706.58	325.31	0	DEN	32	29.0	29.9	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	1.1
103	638901.82	4873706.58	325.31	0	DEN	63	37.2	29.9	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	9.0
103	638901.82	4873706.58	325.31	0	DEN	125	43.3	29.9	0.0	0.0	0.0	52.7	0.0	0.9	0.0	0.0	5.0	0.0	0.0	14.6
103	638901.82	4873706.58	325.31	0	DEN	250	48.8	29.9	0.0	0.0	0.0	52.7	0.1	1.6	0.0	0.0	5.2	0.0	0.0	19.1
103	638901.82	4873706.58	325.31	0	DEN	500	54.2	29.9	0.0	0.0	0.0	52.7	0.2	-1.0	0.0	0.0	9.1	0.0	0.0	23.1
103	638901.82	4873706.58	325.31	0	DEN	1000	60.4	29.9	0.0	0.0	0.0	52.7	0.4	-1.4	0.0	0.0	11.4	0.0	0.0	27.2
103	638901.82	4873706.58	325.31	0	DEN	2000	59.6	29.9	0.0	0.0	0.0	52.7	1.2	-1.4	0.0	0.0	13.7	0.0	0.0	23.4
103	638901.82	4873706.58	325.31	0	DEN	4000	55.4	29.9	0.0	0.0	0.0	52.7	4.0	-1.4	0.0	0.0	16.3	0.0	0.0	13.8
103	638901.82	4873706.58	325.31	0	DEN	8000	52.3	29.9	0.0	0.0	0.0	52.7	14.2	-1.4	0.0	0.0	19.1	0.0	0.0	-2.3
105	638866.00	4873711.00	325.93	0	DEN	32	29.0	29.9	0.0	0.0	0.0	54.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-0.8
105	638866.00	4873711.00	325.93	0	DEN	63	37.2	29.9	0.0	0.0	0.0	54.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	7.2
105	638866.00	4873711.00	325.93	0	DEN	125	43.3	29.9	0.0	0.0	0.0	54.7	0.1	1.0	0.0	0.0	4.5	0.0	0.0	12.9
105	638866.00	4873711.00	325.93	0	DEN	250	48.8	29.9	0.0	0.0	0.0	54.7	0.2	1.7	0.0	0.0	4.4	0.0	0.0	17.8
105	638866.00	4873711.00	325.93	0	DEN	500	54.2	29.9	0.0	0.0	0.0	54.7	0.3	-1.0	0.0	0.0	8.0	0.0	0.0	22.1
105	638866.00	4873711.00	325.93	0	DEN	1000	60.4	29.9	0.0	0.0	0.0	54.7	0.6	-1.4	0.0	0.0	9.9	0.0	0.0	26.5
105	638866.00	4873711.00	325.93	0	DEN	2000	59.6	29.9	0.0	0.0	0.0	54.7	1.5	-1.4	0.0	0.0	11.8	0.0	0.0	22.8
105	638866.00	4873711.00	325.93	0	DEN	4000	55.4	29.9	0.0	0.0	0.0	54.7	5.0	-1.4	0.0	0.0	14.2	0.0	0.0	12.7
105	638866.00	4873711.00	325.93	0	DEN	8000	52.3	29.9	0.0	0.0	0.0	54.7	18.0	-1.4	0.0	0.0	16.9	0.0	0.0	-6.0
116	638926.92	4873721.61	325.20	0	DEN	32	29.0	23.9	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-2.7
116	638926.92	4873721.61	325.20	0	DEN	63	37.2	23.9	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	5.0
116	638926.92	4873721.61	325.20	0	DEN	125	43.3	23.9	0.0	0.0	0.0	50.3	0.0	0.7	0.0	0.0	5.7	0.0	0.0	10.3
116	638926.92	4873721.61	325.20	0	DEN	250	48.8	23.9	0.0	0.0	0.0	50.3	0.1	1.4	0.0	0.0	6.3	0.0	0.0	14.5
116	638926.92	4873721.61	325.20	0	DEN	500	54.2	23.9	0.0	0.0	0.0	50.3	0.2	-1.0	0.0	0.0	10.5	0.0	0.0	18.1
116	638926.92	4873721.61	325.20	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	50.3	0.3	-1.4	0.0	0.0	13.0	0.0	0.0	22.0
116	638926.92	4873721.61	325.20	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	50.3	0.9	-1.4	0.0	0.0	15.5	0.0	0.0	18.1
116	638926.92	4873721.61	325.20	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	50.3	3.0	-1.4	0.0	0.0	18.3	0.0	0.0	9.0
116	638926.92	4873721.61	325.20	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	50.3	10.8	-1.4	0.0	0.0	21.2	0.0	0.0	-4.8
118	638909.01	4873723.83	325.50	0	DEN	32	29.0	23.9	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-4.0
118	638909.01	4873723.83	325.50	0	DEN	63	37.2	23.9	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	3.9
118	638909.01	4873723.83	325.50	0	DEN	125	43.3	23.9	0.0	0.0	0.0	51.7	0.0	0.8	0.0	0.0	5.2	0.0	0.0	9.4
118	638909.01	4873723.83	325.50	0	DEN	250	48.8	23.9	0.0	0.0	0.0	51.7	0.1	1.5	0.0	0.0	5.5	0.0	0.0	13.8
118	638909.01	4873723.83	325.50	0	DEN	500	54.2	23.9	0.0	0.0	0.0	51.7	0.2	-1.0	0.0	0.0	9.5	0.0	0.0	17.7
118	638909.01	4873723.83	325.50	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	51.7	0.4	-1.4	0.0	0.0	11.8	0.0	0.0	21.7
118	638909.01	4873723.83	325.50	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	51.7	1.1	-1.4	0.0	0.0	14.1	0.0	0.0	17.9
118	638909.01	4873723.83	325.50	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	51.7	3.6	-1.4	0.0	0.0	16.8	0.0	0.0	8.6
118	638909.01	4873723.83	325.50	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	51.7	12.7	-1.4	0.0	0.0	19.6	0.0	0.0	-6.5
131	638931.09	4873709.01	324.92	0	DEN	32	29.0	26.9	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	0.2
131	638931.09	4873709.01	324.92	0	DEN	63	37.2	26.9	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	7.9
131	638931.09	4873709.01	324.92	0	DEN	125	43.3	26.9	0.0	0.0	0.0	50.4	0.0	0.8	0.0	0.0	5.6	0.0	0.0	13.3
131	638931.09	4873709.01	324.92	0	DEN	250	48.8	26.9	0.0	0.0	0.0	50.4	0.1	1.4	0.0	0.0	6.2	0.0	0.0	17.5
131	638931.09	4873709.01	324.92	0	DEN	500	54.2	26.9	0.0	0.0	0.0	50.4	0.2	-1.0	0.0	0.0	10.3	0.0	0.0	21.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
131	638931.09	4873709.01	324.92	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	50.4	0.3	-1.3	0.0	0.0	12.8	0.0	0.0	25.0
131	638931.09	4873709.01	324.92	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	50.4	0.9	-1.4	0.0	0.0	15.3	0.0	0.0	21.2
131	638931.09	4873709.01	324.92	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	50.4	3.1	-1.4	0.0	0.0	18.1	0.0	0.0	12.0
131	638931.09	4873709.01	324.92	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	50.4	11.0	-1.4	0.0	0.0	20.9	0.0	0.0	-1.8
159	638931.71	4873733.11	325.33	0	DEN	32	29.0	23.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-2.0
159	638931.71	4873733.11	325.33	0	DEN	63	37.2	23.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	5.7
159	638931.71	4873733.11	325.33	0	DEN	125	43.3	23.9	0.0	0.0	0.0	49.5	0.0	0.8	0.0	0.0	5.8	0.0	0.0	11.0
159	638931.71	4873733.11	325.33	0	DEN	250	48.8	23.9	0.0	0.0	0.0	49.5	0.1	1.6	0.0	0.0	6.4	0.0	0.0	15.1
159	638931.71	4873733.11	325.33	0	DEN	500	54.2	23.9	0.0	0.0	0.0	49.5	0.2	-0.9	0.0	0.0	10.7	0.0	0.0	18.6
159	638931.71	4873733.11	325.33	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	49.5	0.3	-1.3	0.0	0.0	13.3	0.0	0.0	22.4
159	638931.71	4873733.11	325.33	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	49.5	0.8	-1.3	0.0	0.0	15.9	0.0	0.0	18.5
159	638931.71	4873733.11	325.33	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	49.5	2.8	-1.3	0.0	0.0	18.6	0.0	0.0	9.6
159	638931.71	4873733.11	325.33	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	49.5	9.9	-1.3	0.0	0.0	21.3	0.0	0.0	-3.3
183	638913.80	4873735.32	325.63	0	DEN	32	29.0	23.9	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-3.4
183	638913.80	4873735.32	325.63	0	DEN	63	37.2	23.9	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	4.4
183	638913.80	4873735.32	325.63	0	DEN	125	43.3	23.9	0.0	0.0	0.0	51.1	0.0	0.7	0.0	0.0	5.4	0.0	0.0	9.9
183	638913.80	4873735.32	325.63	0	DEN	250	48.8	23.9	0.0	0.0	0.0	51.1	0.1	1.4	0.0	0.0	5.7	0.0	0.0	14.3
183	638913.80	4873735.32	325.63	0	DEN	500	54.2	23.9	0.0	0.0	0.0	51.1	0.2	-1.1	0.0	0.0	9.6	0.0	0.0	18.1
183	638913.80	4873735.32	325.63	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	51.1	0.4	-1.4	0.0	0.0	12.0	0.0	0.0	22.2
183	638913.80	4873735.32	325.63	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	51.1	1.0	-1.4	0.0	0.0	14.4	0.0	0.0	18.4
183	638913.80	4873735.32	325.63	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	51.1	3.3	-1.4	0.0	0.0	17.0	0.0	0.0	9.1
183	638913.80	4873735.32	325.63	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	51.1	11.9	-1.4	0.0	0.0	19.9	0.0	0.0	-5.3
208	638943.07	4873737.75	325.24	0	DEN	32	29.0	23.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-0.9
208	638943.07	4873737.75	325.24	0	DEN	63	37.2	23.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	6.7
208	638943.07	4873737.75	325.24	0	DEN	125	43.3	23.9	0.0	0.0	0.0	48.2	0.0	0.8	0.0	0.0	6.4	0.0	0.0	11.8
208	638943.07	4873737.75	325.24	0	DEN	250	48.8	23.9	0.0	0.0	0.0	48.2	0.1	1.6	0.0	0.0	7.1	0.0	0.0	15.7
208	638943.07	4873737.75	325.24	0	DEN	500	54.2	23.9	0.0	0.0	0.0	48.2	0.1	-0.9	0.0	0.0	11.6	0.0	0.0	19.0
208	638943.07	4873737.75	325.24	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	48.2	0.3	-1.2	0.0	0.0	14.4	0.0	0.0	22.6
208	638943.07	4873737.75	325.24	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	48.2	0.7	-1.2	0.0	0.0	17.1	0.0	0.0	18.7
208	638943.07	4873737.75	325.24	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	48.2	2.4	-1.2	0.0	0.0	19.9	0.0	0.0	10.0
208	638943.07	4873737.75	325.24	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	48.2	8.5	-1.2	0.0	0.0	21.2	0.0	0.0	-0.5
211	638942.18	4873746.93	325.41	0	DEN	32	29.0	20.9	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-3.8
211	638942.18	4873746.93	325.41	0	DEN	63	37.2	20.9	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	3.8
211	638942.18	4873746.93	325.41	0	DEN	125	43.3	20.9	0.0	0.0	0.0	48.1	0.0	0.8	0.0	0.0	6.3	0.0	0.0	8.9
211	638942.18	4873746.93	325.41	0	DEN	250	48.8	20.9	0.0	0.0	0.0	48.1	0.1	1.6	0.0	0.0	6.9	0.0	0.0	12.9
211	638942.18	4873746.93	325.41	0	DEN	500	54.2	20.9	0.0	0.0	0.0	48.1	0.1	-0.9	0.0	0.0	11.4	0.0	0.0	16.2
211	638942.18	4873746.93	325.41	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	48.1	0.3	-1.2	0.0	0.0	14.2	0.0	0.0	19.9
211	638942.18	4873746.93	325.41	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	48.1	0.7	-1.2	0.0	0.0	16.8	0.0	0.0	16.0
211	638942.18	4873746.93	325.41	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	48.1	2.4	-1.2	0.0	0.0	19.7	0.0	0.0	7.3
211	638942.18	4873746.93	325.41	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	48.1	8.4	-1.2	0.0	0.0	21.2	0.0	0.0	-3.4
214	638953.53	4873751.57	325.32	0	DEN	32	29.0	20.9	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-2.6
214	638953.53	4873751.57	325.32	0	DEN	63	37.2	20.9	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	4.8
214	638953.53	4873751.57	325.32	0	DEN	125	43.3	20.9	0.0	0.0	0.0	46.6	0.0	0.7	0.0	0.0	7.2	0.0	0.0	9.6
214	638953.53	4873751.57	325.32	0	DEN	250	48.8	20.9	0.0	0.0	0.0	46.6	0.1	1.5	0.0	0.0	8.2	0.0	0.0	13.2
214	638953.53	4873751.57	325.32	0	DEN	500	54.2	20.9	0.0	0.0	0.0	46.6	0.1	-0.8	0.0	0.0	12.8	0.0	0.0	16.3
214	638953.53	4873751.57	325.32	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	46.6	0.2	-1.2	0.0	0.0	15.8	0.0	0.0	19.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
214	638953.53	4873751.57	325.32	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	46.6	0.6	-1.2	0.0	0.0	18.5	0.0	0.0	15.9
214	638953.53	4873751.57	325.32	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	46.6	2.0	-1.2	0.0	0.0	21.2	0.0	0.0	7.7
214	638953.53	4873751.57	325.32	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	46.6	7.0	-1.2	0.0	0.0	21.2	0.0	0.0	-0.5
216	638880.89	4873678.95	325.15	0	DEN	32	29.0	26.9	0.0	0.0	0.0	54.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-3.7
216	638880.89	4873678.95	325.15	0	DEN	63	37.2	26.9	0.0	0.0	0.0	54.6	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	4.3
216	638880.89	4873678.95	325.15	0	DEN	125	43.3	26.9	0.0	0.0	0.0	54.6	0.1	1.0	0.0	0.0	4.5	0.0	0.0	10.0
216	638880.89	4873678.95	325.15	0	DEN	250	48.8	26.9	0.0	0.0	0.0	54.6	0.2	1.7	0.0	0.0	4.3	0.0	0.0	14.8
216	638880.89	4873678.95	325.15	0	DEN	500	54.2	26.9	0.0	0.0	0.0	54.6	0.3	-1.0	0.0	0.0	8.0	0.0	0.0	19.1
216	638880.89	4873678.95	325.15	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	54.6	0.6	-1.4	0.0	0.0	9.8	0.0	0.0	23.6
216	638880.89	4873678.95	325.15	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	54.6	1.5	-1.4	0.0	0.0	11.8	0.0	0.0	19.9
216	638880.89	4873678.95	325.15	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	54.6	5.0	-1.4	0.0	0.0	14.2	0.0	0.0	9.8
216	638880.89	4873678.95	325.15	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	54.6	17.8	-1.4	0.0	0.0	16.9	0.0	0.0	-8.7
229	638903.59	4873688.23	324.97	0	DEN	32	29.0	26.9	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-2.3
229	638903.59	4873688.23	324.97	0	DEN	63	37.2	26.9	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	5.7
229	638903.59	4873688.23	324.97	0	DEN	125	43.3	26.9	0.0	0.0	0.0	53.1	0.1	0.9	0.0	0.0	4.8	0.0	0.0	11.3
229	638903.59	4873688.23	324.97	0	DEN	250	48.8	26.9	0.0	0.0	0.0	53.1	0.1	1.6	0.0	0.0	4.8	0.0	0.0	15.9
229	638903.59	4873688.23	324.97	0	DEN	500	54.2	26.9	0.0	0.0	0.0	53.1	0.2	-1.0	0.0	0.0	8.7	0.0	0.0	20.0
229	638903.59	4873688.23	324.97	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	53.1	0.5	-1.4	0.0	0.0	10.8	0.0	0.0	24.3
229	638903.59	4873688.23	324.97	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	53.1	1.2	-1.4	0.0	0.0	12.9	0.0	0.0	20.5
229	638903.59	4873688.23	324.97	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	53.1	4.2	-1.4	0.0	0.0	15.5	0.0	0.0	10.8
229	638903.59	4873688.23	324.97	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	53.1	14.9	-1.4	0.0	0.0	18.2	0.0	0.0	-5.8
243	638856.42	4873688.01	325.67	0	DEN	32	29.0	29.9	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-1.7
243	638856.42	4873688.01	325.67	0	DEN	63	37.2	29.9	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	6.3
243	638856.42	4873688.01	325.67	0	DEN	125	43.3	29.9	0.0	0.0	0.0	55.6	0.1	1.0	0.0	0.0	4.3	0.0	0.0	12.1
243	638856.42	4873688.01	325.67	0	DEN	250	48.8	29.9	0.0	0.0	0.0	55.6	0.2	1.7	0.0	0.0	4.2	0.0	0.0	17.0
243	638856.42	4873688.01	325.67	0	DEN	500	54.2	29.9	0.0	0.0	0.0	55.6	0.3	-1.0	0.0	0.0	7.8	0.0	0.0	21.3
243	638856.42	4873688.01	325.67	0	DEN	1000	60.4	29.9	0.0	0.0	0.0	55.6	0.6	-1.4	0.0	0.0	9.6	0.0	0.0	25.9
243	638856.42	4873688.01	325.67	0	DEN	2000	59.6	29.9	0.0	0.0	0.0	55.6	1.6	-1.4	0.0	0.0	11.4	0.0	0.0	22.2
243	638856.42	4873688.01	325.67	0	DEN	4000	55.4	29.9	0.0	0.0	0.0	55.6	5.6	-1.4	0.0	0.0	13.7	0.0	0.0	11.7
243	638856.42	4873688.01	325.67	0	DEN	8000	52.3	29.9	0.0	0.0	0.0	55.6	19.9	-1.4	0.0	0.0	16.4	0.0	0.0	-8.3
246	638894.01	4873665.24	324.71	0	DEN	32	29.0	26.9	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-3.5
246	638894.01	4873665.24	324.71	0	DEN	63	37.2	26.9	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	4.5
246	638894.01	4873665.24	324.71	0	DEN	125	43.3	26.9	0.0	0.0	0.0	54.4	0.1	0.9	0.0	0.0	4.5	0.0	0.0	10.3
246	638894.01	4873665.24	324.71	0	DEN	250	48.8	26.9	0.0	0.0	0.0	54.4	0.2	1.6	0.0	0.0	4.3	0.0	0.0	15.1
246	638894.01	4873665.24	324.71	0	DEN	500	54.2	26.9	0.0	0.0	0.0	54.4	0.3	-1.0	0.0	0.0	7.9	0.0	0.0	19.5
246	638894.01	4873665.24	324.71	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	54.4	0.5	-1.4	0.0	0.0	9.7	0.0	0.0	24.0
246	638894.01	4873665.24	324.71	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	54.4	1.4	-1.4	0.0	0.0	11.6	0.0	0.0	20.4
246	638894.01	4873665.24	324.71	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	54.4	4.9	-1.4	0.0	0.0	14.0	0.0	0.0	10.4
246	638894.01	4873665.24	324.71	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	54.4	17.4	-1.4	0.0	0.0	16.6	0.0	0.0	-7.8
249	638916.71	4873674.52	324.53	0	DEN	32	29.0	26.9	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-2.1
249	638916.71	4873674.52	324.53	0	DEN	63	37.2	26.9	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	5.9
249	638916.71	4873674.52	324.53	0	DEN	125	43.3	26.9	0.0	0.0	0.0	52.9	0.1	0.8	0.0	0.0	4.8	0.0	0.0	11.5
249	638916.71	4873674.52	324.53	0	DEN	250	48.8	26.9	0.0	0.0	0.0	52.9	0.1	1.6	0.0	0.0	4.8	0.0	0.0	16.2
249	638916.71	4873674.52	324.53	0	DEN	500	54.2	26.9	0.0	0.0	0.0	52.9	0.2	-1.0	0.0	0.0	8.6	0.0	0.0	20.4
249	638916.71	4873674.52	324.53	0	DEN	1000	60.4	26.9	0.0	0.0	0.0	52.9	0.5	-1.4	0.0	0.0	10.6	0.0	0.0	24.7
249	638916.71	4873674.52	324.53	0	DEN	2000	59.6	26.9	0.0	0.0	0.0	52.9	1.2	-1.4	0.0	0.0	12.7	0.0	0.0	21.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
249	638916.71	4873674.52	324.53	0	DEN	4000	55.4	26.9	0.0	0.0	0.0	52.9	4.1	-1.4	0.0	0.0	15.2	0.0	0.0	11.4
249	638916.71	4873674.52	324.53	0	DEN	8000	52.3	26.9	0.0	0.0	0.0	52.9	14.6	-1.4	0.0	0.0	18.0	0.0	0.0	-4.9
261	638895.78	4873646.89	324.37	0	DEN	32	29.0	29.9	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-1.0
261	638895.78	4873646.89	324.37	0	DEN	63	37.2	29.9	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	7.0
261	638895.78	4873646.89	324.37	0	DEN	125	43.3	29.9	0.0	0.0	0.0	55.0	0.1	1.0	0.0	0.0	4.3	0.0	0.0	12.8
261	638895.78	4873646.89	324.37	0	DEN	250	48.8	29.9	0.0	0.0	0.0	55.0	0.2	1.7	0.0	0.0	4.0	0.0	0.0	17.8
261	638895.78	4873646.89	324.37	0	DEN	500	54.2	29.9	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	7.5	0.0	0.0	22.3
261	638895.78	4873646.89	324.37	0	DEN	1000	60.4	29.9	0.0	0.0	0.0	55.0	0.6	-1.4	0.0	0.0	9.1	0.0	0.0	27.0
261	638895.78	4873646.89	324.37	0	DEN	2000	59.6	29.9	0.0	0.0	0.0	55.0	1.5	-1.4	0.0	0.0	10.8	0.0	0.0	23.5
261	638895.78	4873646.89	324.37	0	DEN	4000	55.4	29.9	0.0	0.0	0.0	55.0	5.2	-1.4	0.0	0.0	13.0	0.0	0.0	13.5
261	638895.78	4873646.89	324.37	0	DEN	8000	52.3	29.9	0.0	0.0	0.0	55.0	18.6	-1.4	0.0	0.0	15.5	0.0	0.0	-5.5
263	638947.33	4873690.79	324.36	0	DEN	32	29.0	21.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-4.7
263	638947.33	4873690.79	324.36	0	DEN	63	37.2	21.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	3.1
263	638947.33	4873690.79	324.36	0	DEN	125	43.3	21.7	0.0	0.0	0.0	50.2	0.0	0.8	0.0	0.0	5.5	0.0	0.0	8.4
263	638947.33	4873690.79	324.36	0	DEN	250	48.8	21.7	0.0	0.0	0.0	50.2	0.1	1.6	0.0	0.0	6.0	0.0	0.0	12.7
263	638947.33	4873690.79	324.36	0	DEN	500	54.2	21.7	0.0	0.0	0.0	50.2	0.2	-1.0	0.0	0.0	10.2	0.0	0.0	16.3
263	638947.33	4873690.79	324.36	0	DEN	1000	60.4	21.7	0.0	0.0	0.0	50.2	0.3	-1.3	0.0	0.0	12.7	0.0	0.0	20.2
263	638947.33	4873690.79	324.36	0	DEN	2000	59.6	21.7	0.0	0.0	0.0	50.2	0.9	-1.3	0.0	0.0	15.2	0.0	0.0	16.4
263	638947.33	4873690.79	324.36	0	DEN	4000	55.4	21.7	0.0	0.0	0.0	50.2	3.0	-1.3	0.0	0.0	17.9	0.0	0.0	7.3
263	638947.33	4873690.79	324.36	0	DEN	8000	52.3	21.7	0.0	0.0	0.0	50.2	10.7	-1.3	0.0	0.0	20.8	0.0	0.0	-6.3
265	638960.83	4873695.49	324.23	0	DEN	32	29.0	21.7	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-3.6
265	638960.83	4873695.49	324.23	0	DEN	63	37.2	21.7	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	4.0
265	638960.83	4873695.49	324.23	0	DEN	125	43.3	21.7	0.0	0.0	0.0	48.9	0.0	1.1	0.0	0.0	5.9	0.0	0.0	9.1
265	638960.83	4873695.49	324.23	0	DEN	250	48.8	21.7	0.0	0.0	0.0	48.9	0.1	2.0	0.0	0.0	6.5	0.0	0.0	13.1
265	638960.83	4873695.49	324.23	0	DEN	500	54.2	21.7	0.0	0.0	0.0	48.9	0.2	-0.7	0.0	0.0	11.2	0.0	0.0	16.4
265	638960.83	4873695.49	324.23	0	DEN	1000	60.4	21.7	0.0	0.0	0.0	48.9	0.3	-1.1	0.0	0.0	13.9	0.0	0.0	20.1
265	638960.83	4873695.49	324.23	0	DEN	2000	59.6	21.7	0.0	0.0	0.0	48.9	0.8	-1.1	0.0	0.0	16.6	0.0	0.0	16.2
265	638960.83	4873695.49	324.23	0	DEN	4000	55.4	21.7	0.0	0.0	0.0	48.9	2.6	-1.1	0.0	0.0	19.4	0.0	0.0	7.4
265	638960.83	4873695.49	324.23	0	DEN	8000	52.3	21.7	0.0	0.0	0.0	48.9	9.2	-1.1	0.0	0.0	21.1	0.0	0.0	-4.0
267	638942.54	4873679.29	324.23	0	DEN	32	29.0	24.8	0.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-2.6
267	638942.54	4873679.29	324.23	0	DEN	63	37.2	24.8	0.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	5.3
267	638942.54	4873679.29	324.23	0	DEN	125	43.3	24.8	0.0	0.0	0.0	51.2	0.0	0.9	0.0	0.0	5.1	0.0	0.0	10.8
267	638942.54	4873679.29	324.23	0	DEN	250	48.8	24.8	0.0	0.0	0.0	51.2	0.1	1.5	0.0	0.0	5.4	0.0	0.0	15.2
267	638942.54	4873679.29	324.23	0	DEN	500	54.2	24.8	0.0	0.0	0.0	51.2	0.2	-1.0	0.0	0.0	9.4	0.0	0.0	19.1
267	638942.54	4873679.29	324.23	0	DEN	1000	60.4	24.8	0.0	0.0	0.0	51.2	0.4	-1.3	0.0	0.0	11.7	0.0	0.0	23.2
267	638942.54	4873679.29	324.23	0	DEN	2000	59.6	24.8	0.0	0.0	0.0	51.2	1.0	-1.3	0.0	0.0	14.1	0.0	0.0	19.4
267	638942.54	4873679.29	324.23	0	DEN	4000	55.4	24.8	0.0	0.0	0.0	51.2	3.4	-1.3	0.0	0.0	16.7	0.0	0.0	10.2
267	638942.54	4873679.29	324.23	0	DEN	8000	52.3	24.8	0.0	0.0	0.0	51.2	12.0	-1.3	0.0	0.0	19.5	0.0	0.0	-4.4
300	638930.02	4873670.02	324.25	0	DEN	32	29.0	24.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-3.7
300	638930.02	4873670.02	324.25	0	DEN	63	37.2	24.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	4.2
300	638930.02	4873670.02	324.25	0	DEN	125	43.3	24.8	0.0	0.0	0.0	52.4	0.0	0.9	0.0	0.0	4.8	0.0	0.0	9.9
300	638930.02	4873670.02	324.25	0	DEN	250	48.8	24.8	0.0	0.0	0.0	52.4	0.1	1.6	0.0	0.0	4.9	0.0	0.0	14.5
300	638930.02	4873670.02	324.25	0	DEN	500	54.2	24.8	0.0	0.0	0.0	52.4	0.2	-1.0	0.0	0.0	8.7	0.0	0.0	18.6
300	638930.02	4873670.02	324.25	0	DEN	1000	60.4	24.8	0.0	0.0	0.0	52.4	0.4	-1.4	0.0	0.0	10.7	0.0	0.0	22.9
300	638930.02	4873670.02	324.25	0	DEN	2000	59.6	24.8	0.0	0.0	0.0	52.4	1.1	-1.4	0.0	0.0	12.9	0.0	0.0	19.2
300	638930.02	4873670.02	324.25	0	DEN	4000	55.4	24.8	0.0	0.0	0.0	52.4	3.9	-1.4	0.0	0.0	15.4	0.0	0.0	9.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
300	638930.02	4873670.02	324.25	0	DEN	8000	52.3	24.8	0.0	0.0	0.0	52.4	13.8	-1.4	0.0	0.0	18.2	0.0	0.0	-6.0
302	638920.44	4873647.03	324.00	0	DEN	32	29.0	24.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-5.2
302	638920.44	4873647.03	324.00	0	DEN	63	37.2	24.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	2.8
302	638920.44	4873647.03	324.00	0	DEN	125	43.3	24.8	0.0	0.0	0.0	54.0	0.1	1.0	0.0	0.0	4.4	0.0	0.0	8.6
302	638920.44	4873647.03	324.00	0	DEN	250	48.8	24.8	0.0	0.0	0.0	54.0	0.1	1.7	0.0	0.0	4.2	0.0	0.0	13.5
302	638920.44	4873647.03	324.00	0	DEN	500	54.2	24.8	0.0	0.0	0.0	54.0	0.3	-1.0	0.0	0.0	7.8	0.0	0.0	17.9
302	638920.44	4873647.03	324.00	0	DEN	1000	60.4	24.8	0.0	0.0	0.0	54.0	0.5	-1.4	0.0	0.0	9.5	0.0	0.0	22.5
302	638920.44	4873647.03	324.00	0	DEN	2000	59.6	24.8	0.0	0.0	0.0	54.0	1.4	-1.4	0.0	0.0	11.4	0.0	0.0	19.0
302	638920.44	4873647.03	324.00	0	DEN	4000	55.4	24.8	0.0	0.0	0.0	54.0	4.6	-1.4	0.0	0.0	13.7	0.0	0.0	9.2
302	638920.44	4873647.03	324.00	0	DEN	8000	52.3	24.8	0.0	0.0	0.0	54.0	16.5	-1.4	0.0	0.0	16.3	0.0	0.0	-8.4
317	638958.33	4873724.10	324.77	0	DEN	32	29.0	21.7	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-2.1
317	638958.33	4873724.10	324.77	0	DEN	63	37.2	21.7	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	5.2
317	638958.33	4873724.10	324.77	0	DEN	125	43.3	21.7	0.0	0.0	0.0	46.9	0.0	1.0	0.0	0.0	7.2	0.0	0.0	9.9
317	638958.33	4873724.10	324.77	0	DEN	250	48.8	21.7	0.0	0.0	0.0	46.9	0.1	1.8	0.0	0.0	8.2	0.0	0.0	13.5
317	638958.33	4873724.10	324.77	0	DEN	500	54.2	21.7	0.0	0.0	0.0	46.9	0.1	-0.7	0.0	0.0	13.0	0.0	0.0	16.6
317	638958.33	4873724.10	324.77	0	DEN	1000	60.4	21.7	0.0	0.0	0.0	46.9	0.2	-1.1	0.0	0.0	16.0	0.0	0.0	20.0
317	638958.33	4873724.10	324.77	0	DEN	2000	59.6	21.7	0.0	0.0	0.0	46.9	0.6	-1.1	0.0	0.0	18.8	0.0	0.0	16.1
317	638958.33	4873724.10	324.77	0	DEN	4000	55.4	21.7	0.0	0.0	0.0	46.9	2.1	-1.1	0.0	0.0	21.1	0.0	0.0	8.1
317	638958.33	4873724.10	324.77	0	DEN	8000	52.3	21.7	0.0	0.0	0.0	46.9	7.3	-1.1	0.0	0.0	21.1	0.0	0.0	-0.2
319	638967.04	4873717.31	324.52	0	DEN	32	29.0	21.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-1.8
319	638967.04	4873717.31	324.52	0	DEN	63	37.2	21.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	5.3
319	638967.04	4873717.31	324.52	0	DEN	125	43.3	21.7	0.0	0.0	0.0	46.4	0.0	0.8	0.0	0.0	7.9	0.0	0.0	9.9
319	638967.04	4873717.31	324.52	0	DEN	250	48.8	21.7	0.0	0.0	0.0	46.4	0.1	1.6	0.0	0.0	9.1	0.0	0.0	13.3
319	638967.04	4873717.31	324.52	0	DEN	500	54.2	21.7	0.0	0.0	0.0	46.4	0.1	-0.8	0.0	0.0	13.9	0.0	0.0	16.2
319	638967.04	4873717.31	324.52	0	DEN	1000	60.4	21.7	0.0	0.0	0.0	46.4	0.2	-1.1	0.0	0.0	17.0	0.0	0.0	19.6
319	638967.04	4873717.31	324.52	0	DEN	2000	59.6	21.7	0.0	0.0	0.0	46.4	0.6	-1.1	0.0	0.0	19.8	0.0	0.0	15.6
319	638967.04	4873717.31	324.52	0	DEN	4000	55.4	21.7	0.0	0.0	0.0	46.4	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	8.8
319	638967.04	4873717.31	324.52	0	DEN	8000	52.3	21.7	0.0	0.0	0.0	46.4	6.9	-1.1	0.0	0.0	21.1	0.0	0.0	0.7
320	638956.38	4873733.25	324.96	0	DEN	32	29.0	21.7	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-1.9
320	638956.38	4873733.25	324.96	0	DEN	63	37.2	21.7	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	5.4
320	638956.38	4873733.25	324.96	0	DEN	125	43.3	21.7	0.0	0.0	0.0	46.7	0.0	0.9	0.0	0.0	7.4	0.0	0.0	10.1
320	638956.38	4873733.25	324.96	0	DEN	250	48.8	21.7	0.0	0.0	0.0	46.7	0.1	1.7	0.0	0.0	8.4	0.0	0.0	13.6
320	638956.38	4873733.25	324.96	0	DEN	500	54.2	21.7	0.0	0.0	0.0	46.7	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	16.6
320	638956.38	4873733.25	324.96	0	DEN	1000	60.4	21.7	0.0	0.0	0.0	46.7	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	20.1
320	638956.38	4873733.25	324.96	0	DEN	2000	59.6	21.7	0.0	0.0	0.0	46.7	0.6	-1.1	0.0	0.0	19.0	0.0	0.0	16.1
320	638956.38	4873733.25	324.96	0	DEN	4000	55.4	21.7	0.0	0.0	0.0	46.7	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	8.5
320	638956.38	4873733.25	324.96	0	DEN	8000	52.3	21.7	0.0	0.0	0.0	46.7	7.1	-1.1	0.0	0.0	21.1	0.0	0.0	0.2
322	638962.15	4873740.17	324.99	0	DEN	32	29.0	18.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-4.1
322	638962.15	4873740.17	324.99	0	DEN	63	37.2	18.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	2.9
322	638962.15	4873740.17	324.99	0	DEN	125	43.3	18.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.3	0.0	0.0	7.4
322	638962.15	4873740.17	324.99	0	DEN	250	48.8	18.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.6	0.0	0.0	10.7
322	638962.15	4873740.17	324.99	0	DEN	500	54.2	18.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.4	0.0	0.0	13.6
322	638962.15	4873740.17	324.99	0	DEN	1000	60.4	18.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.5	0.0	0.0	17.0
322	638962.15	4873740.17	324.99	0	DEN	2000	59.6	18.7	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	13.0
322	638962.15	4873740.17	324.99	0	DEN	4000	55.4	18.7	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	6.8
322	638962.15	4873740.17	324.99	0	DEN	8000	52.3	18.7	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-0.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
324	638960.19	4873749.32	325.18	0	DEN	32	29.0	18.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-4.1
324	638960.19	4873749.32	325.18	0	DEN	63	37.2	18.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	3.0
324	638960.19	4873749.32	325.18	0	DEN	125	43.3	18.7	0.0	0.0	0.0	45.6	0.0	0.7	0.0	0.0	8.2	0.0	0.0	7.6
324	638960.19	4873749.32	325.18	0	DEN	250	48.8	18.7	0.0	0.0	0.0	45.6	0.1	1.5	0.0	0.0	9.4	0.0	0.0	11.0
324	638960.19	4873749.32	325.18	0	DEN	500	54.2	18.7	0.0	0.0	0.0	45.6	0.1	-0.8	0.0	0.0	14.1	0.0	0.0	13.9
324	638960.19	4873749.32	325.18	0	DEN	1000	60.4	18.7	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.1	0.0	0.0	17.3
324	638960.19	4873749.32	325.18	0	DEN	2000	59.6	18.7	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.0	0.0	0.0	13.3
324	638960.19	4873749.32	325.18	0	DEN	4000	55.4	18.7	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	6.8
324	638960.19	4873749.32	325.18	0	DEN	8000	52.3	18.7	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-0.9
326	638957.90	4873709.21	324.52	0	DEN	32	29.0	24.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	0.1
326	638957.90	4873709.21	324.52	0	DEN	63	37.2	24.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	7.6
326	638957.90	4873709.21	324.52	0	DEN	125	43.3	24.8	0.0	0.0	0.0	48.0	0.0	0.9	0.0	0.0	6.6	0.0	0.0	12.5
326	638957.90	4873709.21	324.52	0	DEN	250	48.8	24.8	0.0	0.0	0.0	48.0	0.1	1.7	0.0	0.0	7.3	0.0	0.0	16.4
326	638957.90	4873709.21	324.52	0	DEN	500	54.2	24.8	0.0	0.0	0.0	48.0	0.1	-0.8	0.0	0.0	12.0	0.0	0.0	19.6
326	638957.90	4873709.21	324.52	0	DEN	1000	60.4	24.8	0.0	0.0	0.0	48.0	0.3	-1.2	0.0	0.0	14.8	0.0	0.0	23.2
326	638957.90	4873709.21	324.52	0	DEN	2000	59.6	24.8	0.0	0.0	0.0	48.0	0.7	-1.2	0.0	0.0	17.6	0.0	0.0	19.2
326	638957.90	4873709.21	324.52	0	DEN	4000	55.4	24.8	0.0	0.0	0.0	48.0	2.3	-1.2	0.0	0.0	20.4	0.0	0.0	10.5
326	638957.90	4873709.21	324.52	0	DEN	8000	52.3	24.8	0.0	0.0	0.0	48.0	8.3	-1.2	0.0	0.0	21.2	0.0	0.0	0.7
339	638944.40	4873704.51	324.64	0	DEN	32	29.0	24.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-1.2
339	638944.40	4873704.51	324.64	0	DEN	63	37.2	24.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	6.5
339	638944.40	4873704.51	324.64	0	DEN	125	43.3	24.8	0.0	0.0	0.0	49.6	0.0	0.8	0.0	0.0	5.9	0.0	0.0	11.8
339	638944.40	4873704.51	324.64	0	DEN	250	48.8	24.8	0.0	0.0	0.0	49.6	0.1	1.5	0.0	0.0	6.5	0.0	0.0	15.9
339	638944.40	4873704.51	324.64	0	DEN	500	54.2	24.8	0.0	0.0	0.0	49.6	0.2	-1.0	0.0	0.0	10.8	0.0	0.0	19.4
339	638944.40	4873704.51	324.64	0	DEN	1000	60.4	24.8	0.0	0.0	0.0	49.6	0.3	-1.3	0.0	0.0	13.4	0.0	0.0	23.2
339	638944.40	4873704.51	324.64	0	DEN	2000	59.6	24.8	0.0	0.0	0.0	49.6	0.8	-1.3	0.0	0.0	16.0	0.0	0.0	19.3
339	638944.40	4873704.51	324.64	0	DEN	4000	55.4	24.8	0.0	0.0	0.0	49.6	2.8	-1.3	0.0	0.0	18.8	0.0	0.0	10.4
339	638944.40	4873704.51	324.64	0	DEN	8000	52.3	24.8	0.0	0.0	0.0	49.6	9.9	-1.3	0.0	0.0	21.3	0.0	0.0	-2.4
349	638864.57	4873805.60	327.59	0	DEN	32	29.0	32.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	1.8
349	638864.57	4873805.60	327.59	0	DEN	63	37.2	32.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	9.9
349	638864.57	4873805.60	327.59	0	DEN	125	43.3	32.6	0.0	0.0	0.0	55.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	15.8
349	638864.57	4873805.60	327.59	0	DEN	250	48.8	32.6	0.0	0.0	0.0	55.0	0.2	1.7	0.0	0.0	3.7	0.0	0.0	20.9
349	638864.57	4873805.60	327.59	0	DEN	500	54.2	32.6	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	7.0	0.0	0.0	25.6
349	638864.57	4873805.60	327.59	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	55.0	0.6	-1.4	0.0	0.0	8.2	0.0	0.0	30.6
349	638864.57	4873805.60	327.59	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	55.0	1.5	-1.4	0.0	0.0	9.6	0.0	0.0	27.5
349	638864.57	4873805.60	327.59	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	55.0	5.2	-1.4	0.0	0.0	11.5	0.0	0.0	17.7
349	638864.57	4873805.60	327.59	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	55.0	18.5	-1.4	0.0	0.0	13.9	0.0	0.0	-1.0
351	638887.47	4873780.12	326.81	0	DEN	32	29.0	29.6	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	0.4
351	638887.47	4873780.12	326.81	0	DEN	63	37.2	29.6	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	8.5
351	638887.47	4873780.12	326.81	0	DEN	125	43.3	29.6	0.0	0.0	0.0	53.2	0.1	0.9	0.0	0.0	4.5	0.0	0.0	14.3
351	638887.47	4873780.12	326.81	0	DEN	250	48.8	29.6	0.0	0.0	0.0	53.2	0.1	1.6	0.0	0.0	4.3	0.0	0.0	19.2
351	638887.47	4873780.12	326.81	0	DEN	500	54.2	29.6	0.0	0.0	0.0	53.2	0.2	-1.0	0.0	0.0	7.8	0.0	0.0	23.6
351	638887.47	4873780.12	326.81	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	53.2	0.5	-1.4	0.0	0.0	9.5	0.0	0.0	28.2
351	638887.47	4873780.12	326.81	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	53.2	1.2	-1.4	0.0	0.0	11.4	0.0	0.0	24.7
351	638887.47	4873780.12	326.81	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	53.2	4.2	-1.4	0.0	0.0	13.7	0.0	0.0	15.2
351	638887.47	4873780.12	326.81	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	53.2	15.1	-1.4	0.0	0.0	16.3	0.0	0.0	-1.3
352	638913.09	4873782.62	326.47	0	DEN	32	29.0	26.6	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-0.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
352	638913.09	4873782.62	326.47	0	DEN	63	37.2	26.6	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	7.1
352	638913.09	4873782.62	326.47	0	DEN	125	43.3	26.6	0.0	0.0	0.0	51.4	0.0	0.8	0.0	0.0	4.9	0.0	0.0	12.8
352	638913.09	4873782.62	326.47	0	DEN	250	48.8	26.6	0.0	0.0	0.0	51.4	0.1	1.5	0.0	0.0	4.9	0.0	0.0	17.4
352	638913.09	4873782.62	326.47	0	DEN	500	54.2	26.6	0.0	0.0	0.0	51.4	0.2	-1.0	0.0	0.0	8.6	0.0	0.0	21.6
352	638913.09	4873782.62	326.47	0	DEN	1000	60.4	26.6	0.0	0.0	0.0	51.4	0.4	-1.4	0.0	0.0	10.7	0.0	0.0	25.9
352	638913.09	4873782.62	326.47	0	DEN	2000	59.6	26.6	0.0	0.0	0.0	51.4	1.0	-1.4	0.0	0.0	12.9	0.0	0.0	22.3
352	638913.09	4873782.62	326.47	0	DEN	4000	55.4	26.6	0.0	0.0	0.0	51.4	3.4	-1.4	0.0	0.0	15.4	0.0	0.0	13.1
352	638913.09	4873782.62	326.47	0	DEN	8000	52.3	26.6	0.0	0.0	0.0	51.4	12.3	-1.4	0.0	0.0	18.1	0.0	0.0	-1.5
364	638924.54	4873769.88	326.07	0	DEN	32	29.0	23.6	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-2.7
364	638924.54	4873769.88	326.07	0	DEN	63	37.2	23.6	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	5.1
364	638924.54	4873769.88	326.07	0	DEN	125	43.3	23.6	0.0	0.0	0.0	50.2	0.0	0.8	0.0	0.0	5.3	0.0	0.0	10.6
364	638924.54	4873769.88	326.07	0	DEN	250	48.8	23.6	0.0	0.0	0.0	50.2	0.1	1.5	0.0	0.0	5.6	0.0	0.0	15.1
364	638924.54	4873769.88	326.07	0	DEN	500	54.2	23.6	0.0	0.0	0.0	50.2	0.2	-1.0	0.0	0.0	9.5	0.0	0.0	18.9
364	638924.54	4873769.88	326.07	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	50.2	0.3	-1.3	0.0	0.0	11.9	0.0	0.0	22.9
364	638924.54	4873769.88	326.07	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	50.2	0.9	-1.3	0.0	0.0	14.3	0.0	0.0	19.2
364	638924.54	4873769.88	326.07	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	50.2	3.0	-1.3	0.0	0.0	16.9	0.0	0.0	10.2
364	638924.54	4873769.88	326.07	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	50.2	10.6	-1.3	0.0	0.0	19.8	0.0	0.0	-3.3
365	638937.35	4873771.13	325.90	0	DEN	32	29.0	20.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-4.6
365	638937.35	4873771.13	325.90	0	DEN	63	37.2	20.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	3.1
365	638937.35	4873771.13	325.90	0	DEN	125	43.3	20.6	0.0	0.0	0.0	48.9	0.0	1.0	0.0	0.0	5.5	0.0	0.0	8.4
365	638937.35	4873771.13	325.90	0	DEN	250	48.8	20.6	0.0	0.0	0.0	48.9	0.1	1.9	0.0	0.0	5.9	0.0	0.0	12.6
365	638937.35	4873771.13	325.90	0	DEN	500	54.2	20.6	0.0	0.0	0.0	48.9	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	16.2
365	638937.35	4873771.13	325.90	0	DEN	1000	60.4	20.6	0.0	0.0	0.0	48.9	0.3	-1.2	0.0	0.0	12.9	0.0	0.0	20.1
365	638937.35	4873771.13	325.90	0	DEN	2000	59.6	20.6	0.0	0.0	0.0	48.9	0.8	-1.2	0.0	0.0	15.4	0.0	0.0	16.3
365	638937.35	4873771.13	325.90	0	DEN	4000	55.4	20.6	0.0	0.0	0.0	48.9	2.6	-1.2	0.0	0.0	18.2	0.0	0.0	7.5
365	638937.35	4873771.13	325.90	0	DEN	8000	52.3	20.6	0.0	0.0	0.0	48.9	9.2	-1.2	0.0	0.0	21.1	0.0	0.0	-5.1
366	638947.55	4873764.20	325.63	0	DEN	32	29.0	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-3.5
366	638947.55	4873764.20	325.63	0	DEN	63	37.2	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	4.0
366	638947.55	4873764.20	325.63	0	DEN	125	43.3	20.6	0.0	0.0	0.0	47.5	0.0	0.9	0.0	0.0	6.3	0.0	0.0	9.1
366	638947.55	4873764.20	325.63	0	DEN	250	48.8	20.6	0.0	0.0	0.0	47.5	0.1	1.8	0.0	0.0	7.0	0.0	0.0	13.0
366	638947.55	4873764.20	325.63	0	DEN	500	54.2	20.6	0.0	0.0	0.0	47.5	0.1	-0.7	0.0	0.0	11.6	0.0	0.0	16.3
366	638947.55	4873764.20	325.63	0	DEN	1000	60.4	20.6	0.0	0.0	0.0	47.5	0.2	-1.1	0.0	0.0	14.4	0.0	0.0	19.9
366	638947.55	4873764.20	325.63	0	DEN	2000	59.6	20.6	0.0	0.0	0.0	47.5	0.6	-1.1	0.0	0.0	17.1	0.0	0.0	16.0
366	638947.55	4873764.20	325.63	0	DEN	4000	55.4	20.6	0.0	0.0	0.0	47.5	2.2	-1.1	0.0	0.0	19.9	0.0	0.0	7.4
366	638947.55	4873764.20	325.63	0	DEN	8000	52.3	20.6	0.0	0.0	0.0	47.5	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-2.5
367	638828.75	4873810.02	328.21	0	DEN	32	29.0	32.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	0.0
367	638828.75	4873810.02	328.21	0	DEN	63	37.2	32.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	8.2
367	638828.75	4873810.02	328.21	0	DEN	125	43.3	32.6	0.0	0.0	0.0	56.7	0.1	1.1	0.0	0.0	3.9	0.0	0.0	14.1
367	638828.75	4873810.02	328.21	0	DEN	250	48.8	32.6	0.0	0.0	0.0	56.7	0.2	1.8	0.0	0.0	3.4	0.0	0.0	19.3
367	638828.75	4873810.02	328.21	0	DEN	500	54.2	32.6	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	6.5	0.0	0.0	24.2
367	638828.75	4873810.02	328.21	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	7.4	0.0	0.0	29.5
367	638828.75	4873810.02	328.21	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	8.4	0.0	0.0	26.6
367	638828.75	4873810.02	328.21	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	9.9	0.0	0.0	16.4
367	638828.75	4873810.02	328.21	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	56.7	22.6	-1.4	0.0	0.0	11.9	0.0	0.0	-4.9
383	638797.91	4873791.18	328.34	0	DEN	32	29.0	32.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-1.0
383	638797.91	4873791.18	328.34	0	DEN	63	37.2	32.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	8.0	0.0	0.0	7.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
383	638797.91	4873791.18	328.34	0	DEN	125	43.3	32.6	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	3.8	0.0	0.0	13.1
383	638797.91	4873791.18	328.34	0	DEN	250	48.8	32.6	0.0	0.0	0.0	57.8	0.2	1.7	0.0	0.0	3.4	0.0	0.0	18.3
383	638797.91	4873791.18	328.34	0	DEN	500	54.2	32.6	0.0	0.0	0.0	57.8	0.4	-1.1	0.0	0.0	6.4	0.0	0.0	23.2
383	638797.91	4873791.18	328.34	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	7.4	0.0	0.0	28.5
383	638797.91	4873791.18	328.34	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	8.3	0.0	0.0	25.5
383	638797.91	4873791.18	328.34	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	9.6	0.0	0.0	14.9
383	638797.91	4873791.18	328.34	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	57.8	25.6	-1.5	0.0	0.0	11.5	0.0	0.0	-8.6
393	638900.63	4873840.79	327.66	0	DEN	32	29.0	29.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-0.4
393	638900.63	4873840.79	327.66	0	DEN	63	37.2	29.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	7.7
393	638900.63	4873840.79	327.66	0	DEN	125	43.3	29.6	0.0	0.0	0.0	54.1	0.1	1.0	0.0	0.0	4.2	0.0	0.0	13.6
393	638900.63	4873840.79	327.66	0	DEN	250	48.8	29.6	0.0	0.0	0.0	54.1	0.1	1.7	0.0	0.0	3.8	0.0	0.0	18.6
393	638900.63	4873840.79	327.66	0	DEN	500	54.2	29.6	0.0	0.0	0.0	54.1	0.3	-1.0	0.0	0.0	7.2	0.0	0.0	23.3
393	638900.63	4873840.79	327.66	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	54.1	0.5	-1.4	0.0	0.0	8.6	0.0	0.0	28.2
393	638900.63	4873840.79	327.66	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	54.1	1.4	-1.4	0.0	0.0	10.1	0.0	0.0	25.0
393	638900.63	4873840.79	327.66	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	54.1	4.7	-1.4	0.0	0.0	12.1	0.0	0.0	15.4
393	638900.63	4873840.79	327.66	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	54.1	16.7	-1.4	0.0	0.0	14.6	0.0	0.0	-2.1
415	638911.07	4873873.49	328.07	0	DEN	32	29.0	29.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-1.2
415	638911.07	4873873.49	328.07	0	DEN	63	37.2	29.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	6.9
415	638911.07	4873873.49	328.07	0	DEN	125	43.3	29.6	0.0	0.0	0.0	55.0	0.1	1.2	0.0	0.0	3.9	0.0	0.0	12.8
415	638911.07	4873873.49	328.07	0	DEN	250	48.8	29.6	0.0	0.0	0.0	55.0	0.2	1.8	0.0	0.0	3.5	0.0	0.0	17.9
415	638911.07	4873873.49	328.07	0	DEN	500	54.2	29.6	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	6.8	0.0	0.0	22.7
415	638911.07	4873873.49	328.07	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	55.0	0.6	-1.3	0.0	0.0	8.0	0.0	0.0	27.8
415	638911.07	4873873.49	328.07	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	55.0	1.5	-1.3	0.0	0.0	9.3	0.0	0.0	24.7
415	638911.07	4873873.49	328.07	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	55.0	5.2	-1.3	0.0	0.0	11.1	0.0	0.0	15.0
415	638911.07	4873873.49	328.07	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	55.0	18.5	-1.3	0.0	0.0	13.4	0.0	0.0	-3.6
430	638875.01	4873838.29	328.00	0	DEN	32	29.0	32.6	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	1.5
430	638875.01	4873838.29	328.00	0	DEN	63	37.2	32.6	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	9.7
430	638875.01	4873838.29	328.00	0	DEN	125	43.3	32.6	0.0	0.0	0.0	55.2	0.1	1.1	0.0	0.0	3.9	0.0	0.0	15.6
430	638875.01	4873838.29	328.00	0	DEN	250	48.8	32.6	0.0	0.0	0.0	55.2	0.2	1.8	0.0	0.0	3.5	0.0	0.0	20.7
430	638875.01	4873838.29	328.00	0	DEN	500	54.2	32.6	0.0	0.0	0.0	55.2	0.3	-1.0	0.0	0.0	6.7	0.0	0.0	25.5
430	638875.01	4873838.29	328.00	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	55.2	0.6	-1.4	0.0	0.0	7.9	0.0	0.0	30.7
430	638875.01	4873838.29	328.00	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	55.2	1.6	-1.4	0.0	0.0	9.1	0.0	0.0	27.7
430	638875.01	4873838.29	328.00	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	55.2	5.3	-1.4	0.0	0.0	10.9	0.0	0.0	18.0
430	638875.01	4873838.29	328.00	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	55.2	19.0	-1.4	0.0	0.0	13.1	0.0	0.0	-1.0
439	638921.03	4873826.95	327.12	0	DEN	32	29.0	29.6	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	1.2
439	638921.03	4873826.95	327.12	0	DEN	63	37.2	29.6	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	9.2
439	638921.03	4873826.95	327.12	0	DEN	125	43.3	29.6	0.0	0.0	0.0	52.5	0.0	0.9	0.0	0.0	4.6	0.0	0.0	14.9
439	638921.03	4873826.95	327.12	0	DEN	250	48.8	29.6	0.0	0.0	0.0	52.5	0.1	1.6	0.0	0.0	4.5	0.0	0.0	19.7
439	638921.03	4873826.95	327.12	0	DEN	500	54.2	29.6	0.0	0.0	0.0	52.5	0.2	-1.0	0.0	0.0	8.1	0.0	0.0	24.0
439	638921.03	4873826.95	327.12	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	52.5	0.4	-1.4	0.0	0.0	10.0	0.0	0.0	28.5
439	638921.03	4873826.95	327.12	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	52.5	1.1	-1.4	0.0	0.0	12.0	0.0	0.0	24.9
439	638921.03	4873826.95	327.12	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	52.5	3.9	-1.4	0.0	0.0	14.4	0.0	0.0	15.6
439	638921.03	4873826.95	327.12	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	52.5	13.8	-1.4	0.0	0.0	17.1	0.0	0.0	-0.2
485	638933.96	4873848.00	327.29	0	DEN	32	29.0	26.6	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-2.3
485	638933.96	4873848.00	327.29	0	DEN	63	37.2	26.6	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	5.7
485	638933.96	4873848.00	327.29	0	DEN	125	43.3	26.6	0.0	0.0	0.0	52.9	0.1	1.1	0.0	0.0	4.5	0.0	0.0	11.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
485	638933.96	4873848.00	327.29	0	DEN	250	48.8	26.6	0.0	0.0	0.0	52.9	0.1	1.7	0.0	0.0	4.6	0.0	0.0	16.1
485	638933.96	4873848.00	327.29	0	DEN	500	54.2	26.6	0.0	0.0	0.0	52.9	0.2	-1.0	0.0	0.0	8.4	0.0	0.0	20.3
485	638933.96	4873848.00	327.29	0	DEN	1000	60.4	26.6	0.0	0.0	0.0	52.9	0.5	-1.3	0.0	0.0	10.4	0.0	0.0	24.6
485	638933.96	4873848.00	327.29	0	DEN	2000	59.6	26.6	0.0	0.0	0.0	52.9	1.2	-1.3	0.0	0.0	12.5	0.0	0.0	21.0
485	638933.96	4873848.00	327.29	0	DEN	4000	55.4	26.6	0.0	0.0	0.0	52.9	4.1	-1.3	0.0	0.0	15.0	0.0	0.0	11.4
485	638933.96	4873848.00	327.29	0	DEN	8000	52.3	26.6	0.0	0.0	0.0	52.9	14.5	-1.3	0.0	0.0	17.7	0.0	0.0	-4.8
519	638928.98	4873871.27	327.77	0	DEN	32	29.0	26.6	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-3.6
519	638928.98	4873871.27	327.77	0	DEN	63	37.2	26.6	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	4.5
519	638928.98	4873871.27	327.77	0	DEN	125	43.3	26.6	0.0	0.0	0.0	54.2	0.1	1.3	0.0	0.0	4.0	0.0	0.0	10.3
519	638928.98	4873871.27	327.77	0	DEN	250	48.8	26.6	0.0	0.0	0.0	54.2	0.2	1.9	0.0	0.0	3.9	0.0	0.0	15.2
519	638928.98	4873871.27	327.77	0	DEN	500	54.2	26.6	0.0	0.0	0.0	54.2	0.3	-0.9	0.0	0.0	7.5	0.0	0.0	19.6
519	638928.98	4873871.27	327.77	0	DEN	1000	60.4	26.6	0.0	0.0	0.0	54.2	0.5	-1.3	0.0	0.0	9.2	0.0	0.0	24.3
519	638928.98	4873871.27	327.77	0	DEN	2000	59.6	26.6	0.0	0.0	0.0	54.2	1.4	-1.3	0.0	0.0	11.0	0.0	0.0	20.8
519	638928.98	4873871.27	327.77	0	DEN	4000	55.4	26.6	0.0	0.0	0.0	54.2	4.8	-1.3	0.0	0.0	13.2	0.0	0.0	11.0
519	638928.98	4873871.27	327.77	0	DEN	8000	52.3	26.6	0.0	0.0	0.0	54.2	17.0	-1.3	0.0	0.0	15.8	0.0	0.0	-6.9
531	638931.12	4873800.22	326.50	0	DEN	32	29.0	23.6	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-3.1
531	638931.12	4873800.22	326.50	0	DEN	63	37.2	23.6	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	4.8
531	638931.12	4873800.22	326.50	0	DEN	125	43.3	23.6	0.0	0.0	0.0	50.6	0.0	0.9	0.0	0.0	5.1	0.0	0.0	10.3
531	638931.12	4873800.22	326.50	0	DEN	250	48.8	23.6	0.0	0.0	0.0	50.6	0.1	1.6	0.0	0.0	5.3	0.0	0.0	14.8
531	638931.12	4873800.22	326.50	0	DEN	500	54.2	23.6	0.0	0.0	0.0	50.6	0.2	-0.9	0.0	0.0	9.3	0.0	0.0	18.7
531	638931.12	4873800.22	326.50	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	50.6	0.3	-1.3	0.0	0.0	11.6	0.0	0.0	22.8
531	638931.12	4873800.22	326.50	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	50.6	0.9	-1.3	0.0	0.0	13.9	0.0	0.0	19.0
531	638931.12	4873800.22	326.50	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	50.6	3.1	-1.3	0.0	0.0	16.6	0.0	0.0	10.0
531	638931.12	4873800.22	326.50	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	50.6	11.1	-1.3	0.0	0.0	19.4	0.0	0.0	-3.9
533	638936.34	4873816.56	326.71	0	DEN	32	29.0	23.6	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-3.5
533	638936.34	4873816.56	326.71	0	DEN	63	37.2	23.6	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	4.3
533	638936.34	4873816.56	326.71	0	DEN	125	43.3	23.6	0.0	0.0	0.0	51.0	0.0	0.9	0.0	0.0	5.1	0.0	0.0	9.8
533	638936.34	4873816.56	326.71	0	DEN	250	48.8	23.6	0.0	0.0	0.0	51.0	0.1	1.5	0.0	0.0	5.5	0.0	0.0	14.3
533	638936.34	4873816.56	326.71	0	DEN	500	54.2	23.6	0.0	0.0	0.0	51.0	0.2	-1.0	0.0	0.0	9.4	0.0	0.0	18.2
533	638936.34	4873816.56	326.71	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	51.0	0.4	-1.3	0.0	0.0	11.7	0.0	0.0	22.3
533	638936.34	4873816.56	326.71	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	51.0	1.0	-1.3	0.0	0.0	14.1	0.0	0.0	18.5
533	638936.34	4873816.56	326.71	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	51.0	3.3	-1.3	0.0	0.0	16.7	0.0	0.0	9.3
533	638936.34	4873816.56	326.71	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	51.0	11.7	-1.3	0.0	0.0	19.5	0.0	0.0	-5.0
545	638918.31	4873798.97	326.67	0	DEN	32	29.0	26.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-0.9
545	638918.31	4873798.97	326.67	0	DEN	63	37.2	26.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	7.0
545	638918.31	4873798.97	326.67	0	DEN	125	43.3	26.6	0.0	0.0	0.0	51.5	0.0	0.8	0.0	0.0	4.9	0.0	0.0	12.7
545	638918.31	4873798.97	326.67	0	DEN	250	48.8	26.6	0.0	0.0	0.0	51.5	0.1	1.5	0.0	0.0	4.9	0.0	0.0	17.4
545	638918.31	4873798.97	326.67	0	DEN	500	54.2	26.6	0.0	0.0	0.0	51.5	0.2	-1.0	0.0	0.0	8.6	0.0	0.0	21.5
545	638918.31	4873798.97	326.67	0	DEN	1000	60.4	26.6	0.0	0.0	0.0	51.5	0.4	-1.4	0.0	0.0	10.7	0.0	0.0	25.8
545	638918.31	4873798.97	326.67	0	DEN	2000	59.6	26.6	0.0	0.0	0.0	51.5	1.0	-1.4	0.0	0.0	12.8	0.0	0.0	22.2
545	638918.31	4873798.97	326.67	0	DEN	4000	55.4	26.6	0.0	0.0	0.0	51.5	3.5	-1.4	0.0	0.0	15.3	0.0	0.0	13.1
545	638918.31	4873798.97	326.67	0	DEN	8000	52.3	26.6	0.0	0.0	0.0	51.5	12.4	-1.4	0.0	0.0	18.1	0.0	0.0	-1.7
557	638941.32	4873793.29	326.23	0	DEN	32	29.0	23.6	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-2.1
557	638941.32	4873793.29	326.23	0	DEN	63	37.2	23.6	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	5.7
557	638941.32	4873793.29	326.23	0	DEN	125	43.3	23.6	0.0	0.0	0.0	49.4	0.0	1.1	0.0	0.0	5.4	0.0	0.0	11.0
557	638941.32	4873793.29	326.23	0	DEN	250	48.8	23.6	0.0	0.0	0.0	49.4	0.1	2.0	0.0	0.0	5.7	0.0	0.0	15.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
557	638941.32	4873793.29	326.23	0	DEN	500	54.2	23.6	0.0	0.0	0.0	49.4	0.2	-0.8	0.0	0.0	10.2	0.0	0.0	18.8
557	638941.32	4873793.29	326.23	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	49.4	0.3	-1.1	0.0	0.0	12.8	0.0	0.0	22.7
557	638941.32	4873793.29	326.23	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	49.4	0.8	-1.1	0.0	0.0	15.3	0.0	0.0	18.8
557	638941.32	4873793.29	326.23	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	49.4	2.7	-1.1	0.0	0.0	18.1	0.0	0.0	9.9
557	638941.32	4873793.29	326.23	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	49.4	9.7	-1.1	0.0	0.0	21.0	0.0	0.0	-3.0
570	638946.54	4873809.64	326.43	0	DEN	32	29.0	23.6	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-2.6
570	638946.54	4873809.64	326.43	0	DEN	63	37.2	23.6	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	5.1
570	638946.54	4873809.64	326.43	0	DEN	125	43.3	23.6	0.0	0.0	0.0	49.9	0.0	1.1	0.0	0.0	5.6	0.0	0.0	10.3
570	638946.54	4873809.64	326.43	0	DEN	250	48.8	23.6	0.0	0.0	0.0	49.9	0.1	1.9	0.0	0.0	6.1	0.0	0.0	14.5
570	638946.54	4873809.64	326.43	0	DEN	500	54.2	23.6	0.0	0.0	0.0	49.9	0.2	-0.8	0.0	0.0	10.6	0.0	0.0	18.0
570	638946.54	4873809.64	326.43	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	49.9	0.3	-1.2	0.0	0.0	13.2	0.0	0.0	21.7
570	638946.54	4873809.64	326.43	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	49.9	0.8	-1.2	0.0	0.0	15.8	0.0	0.0	17.8
570	638946.54	4873809.64	326.43	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	49.9	2.9	-1.2	0.0	0.0	18.6	0.0	0.0	8.8
570	638946.54	4873809.64	326.43	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	49.9	10.3	-1.2	0.0	0.0	21.2	0.0	0.0	-4.2
572	638943.81	4873781.66	325.99	0	DEN	32	29.0	23.6	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-1.3
572	638943.81	4873781.66	325.99	0	DEN	63	37.2	23.6	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	6.3
572	638943.81	4873781.66	325.99	0	DEN	125	43.3	23.6	0.0	0.0	0.0	48.6	0.0	0.9	0.0	0.0	5.8	0.0	0.0	11.5
572	638943.81	4873781.66	325.99	0	DEN	250	48.8	23.6	0.0	0.0	0.0	48.6	0.1	1.8	0.0	0.0	6.3	0.0	0.0	15.6
572	638943.81	4873781.66	325.99	0	DEN	500	54.2	23.6	0.0	0.0	0.0	48.6	0.1	-0.8	0.0	0.0	10.8	0.0	0.0	19.1
572	638943.81	4873781.66	325.99	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	48.6	0.3	-1.2	0.0	0.0	13.4	0.0	0.0	22.9
572	638943.81	4873781.66	325.99	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	48.6	0.7	-1.2	0.0	0.0	16.0	0.0	0.0	19.0
572	638943.81	4873781.66	325.99	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	48.6	2.5	-1.2	0.0	0.0	18.8	0.0	0.0	10.3
572	638943.81	4873781.66	325.99	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	48.6	8.8	-1.2	0.0	0.0	21.2	0.0	0.0	-1.5
582	638952.77	4873780.55	325.83	0	DEN	32	29.0	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-3.6
582	638952.77	4873780.55	325.83	0	DEN	63	37.2	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	3.9
582	638952.77	4873780.55	325.83	0	DEN	125	43.3	20.6	0.0	0.0	0.0	47.5	0.0	0.9	0.0	0.0	6.6	0.0	0.0	8.8
582	638952.77	4873780.55	325.83	0	DEN	250	48.8	20.6	0.0	0.0	0.0	47.5	0.1	1.8	0.0	0.0	7.4	0.0	0.0	12.6
582	638952.77	4873780.55	325.83	0	DEN	500	54.2	20.6	0.0	0.0	0.0	47.5	0.1	-0.8	0.0	0.0	12.1	0.0	0.0	15.8
582	638952.77	4873780.55	325.83	0	DEN	1000	60.4	20.6	0.0	0.0	0.0	47.5	0.2	-1.1	0.0	0.0	15.0	0.0	0.0	19.4
582	638952.77	4873780.55	325.83	0	DEN	2000	59.6	20.6	0.0	0.0	0.0	47.5	0.6	-1.1	0.0	0.0	17.7	0.0	0.0	15.4
582	638952.77	4873780.55	325.83	0	DEN	4000	55.4	20.6	0.0	0.0	0.0	47.5	2.2	-1.1	0.0	0.0	20.6	0.0	0.0	6.8
582	638952.77	4873780.55	325.83	0	DEN	8000	52.3	20.6	0.0	0.0	0.0	47.5	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-2.5
584	638955.26	4873768.92	325.59	0	DEN	32	29.0	20.6	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-2.9
584	638955.26	4873768.92	325.59	0	DEN	63	37.2	20.6	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	4.5
584	638955.26	4873768.92	325.59	0	DEN	125	43.3	20.6	0.0	0.0	0.0	46.6	0.0	0.9	0.0	0.0	7.0	0.0	0.0	9.3
584	638955.26	4873768.92	325.59	0	DEN	250	48.8	20.6	0.0	0.0	0.0	46.6	0.1	1.8	0.0	0.0	7.9	0.0	0.0	13.0
584	638955.26	4873768.92	325.59	0	DEN	500	54.2	20.6	0.0	0.0	0.0	46.6	0.1	-0.7	0.0	0.0	12.6	0.0	0.0	16.1
584	638955.26	4873768.92	325.59	0	DEN	1000	60.4	20.6	0.0	0.0	0.0	46.6	0.2	-1.0	0.0	0.0	15.6	0.0	0.0	19.6
584	638955.26	4873768.92	325.59	0	DEN	2000	59.6	20.6	0.0	0.0	0.0	46.6	0.6	-1.1	0.0	0.0	18.3	0.0	0.0	15.6
584	638955.26	4873768.92	325.59	0	DEN	4000	55.4	20.6	0.0	0.0	0.0	46.6	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	7.3
584	638955.26	4873768.92	325.59	0	DEN	8000	52.3	20.6	0.0	0.0	0.0	46.6	7.1	-1.1	0.0	0.0	21.1	0.0	0.0	-0.9
598	638772.52	4873828.29	329.37	0	DEN	32	29.0	35.6	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	0.8
598	638772.52	4873828.29	329.37	0	DEN	63	37.2	35.6	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	8.9
598	638772.52	4873828.29	329.37	0	DEN	125	43.3	35.6	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	14.9
598	638772.52	4873828.29	329.37	0	DEN	250	48.8	35.6	0.0	0.0	0.0	59.0	0.3	1.5	0.0	0.0	3.4	0.0	0.0	20.2
598	638772.52	4873828.29	329.37	0	DEN	500	54.2	35.6	0.0	0.0	0.0	59.0	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	25.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
598	638772.52	4873828.29	329.37	0	DEN	1000	60.4	35.6	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	7.0	0.0	0.0	30.7
598	638772.52	4873828.29	329.37	0	DEN	2000	59.6	35.6	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	7.5	0.0	0.0	27.9
598	638772.52	4873828.29	329.37	0	DEN	4000	55.4	35.6	0.0	0.0	0.0	59.0	8.3	-1.7	0.0	0.0	8.3	0.0	0.0	17.1
598	638772.52	4873828.29	329.37	0	DEN	8000	52.3	35.6	0.0	0.0	0.0	59.0	29.5	-1.7	0.0	0.0	9.6	0.0	0.0	-8.6
600	638800.87	4873858.77	329.47	0	DEN	32	29.0	32.6	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-1.7
600	638800.87	4873858.77	329.47	0	DEN	63	37.2	32.6	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	6.5
600	638800.87	4873858.77	329.47	0	DEN	125	43.3	32.6	0.0	0.0	0.0	58.5	0.1	1.1	0.0	0.0	3.7	0.0	0.0	12.4
600	638800.87	4873858.77	329.47	0	DEN	250	48.8	32.6	0.0	0.0	0.0	58.5	0.2	1.6	0.0	0.0	3.3	0.0	0.0	17.7
600	638800.87	4873858.77	329.47	0	DEN	500	54.2	32.6	0.0	0.0	0.0	58.5	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	22.8
600	638800.87	4873858.77	329.47	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	6.9	0.0	0.0	28.3
600	638800.87	4873858.77	329.47	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	7.4	0.0	0.0	25.6
600	638800.87	4873858.77	329.47	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	8.2	0.0	0.0	15.1
600	638800.87	4873858.77	329.47	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	9.5	0.0	0.0	-9.3
610	638852.12	4873863.77	328.79	0	DEN	32	29.0	29.6	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-3.1
610	638852.12	4873863.77	328.79	0	DEN	63	37.2	29.6	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	5.1
610	638852.12	4873863.77	328.79	0	DEN	125	43.3	29.6	0.0	0.0	0.0	56.8	0.1	1.2	0.0	0.0	3.7	0.0	0.0	11.1
610	638852.12	4873863.77	328.79	0	DEN	250	48.8	29.6	0.0	0.0	0.0	56.8	0.2	1.8	0.0	0.0	3.2	0.0	0.0	16.3
610	638852.12	4873863.77	328.79	0	DEN	500	54.2	29.6	0.0	0.0	0.0	56.8	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	21.3
610	638852.12	4873863.77	328.79	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	56.8	0.7	-1.4	0.0	0.0	7.1	0.0	0.0	26.7
610	638852.12	4873863.77	328.79	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	56.8	1.9	-1.4	0.0	0.0	7.8	0.0	0.0	24.0
610	638852.12	4873863.77	328.79	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	56.8	6.4	-1.4	0.0	0.0	9.0	0.0	0.0	14.1
610	638852.12	4873863.77	328.79	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	56.8	22.9	-1.4	0.0	0.0	10.8	0.0	0.0	-7.2
623	638866.29	4873879.02	328.84	0	DEN	32	29.0	26.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-6.0
623	638866.29	4873879.02	328.84	0	DEN	63	37.2	26.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	2.2
623	638866.29	4873879.02	328.84	0	DEN	125	43.3	26.6	0.0	0.0	0.0	56.7	0.1	1.2	0.0	0.0	3.7	0.0	0.0	8.2
623	638866.29	4873879.02	328.84	0	DEN	250	48.8	26.6	0.0	0.0	0.0	56.7	0.2	1.8	0.0	0.0	3.2	0.0	0.0	13.4
623	638866.29	4873879.02	328.84	0	DEN	500	54.2	26.6	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	18.4
623	638866.29	4873879.02	328.84	0	DEN	1000	60.4	26.6	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	7.0	0.0	0.0	23.9
623	638866.29	4873879.02	328.84	0	DEN	2000	59.6	26.6	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	7.7	0.0	0.0	21.2
623	638866.29	4873879.02	328.84	0	DEN	4000	55.4	26.6	0.0	0.0	0.0	56.7	6.4	-1.4	0.0	0.0	8.9	0.0	0.0	11.4
623	638866.29	4873879.02	328.84	0	DEN	8000	52.3	26.6	0.0	0.0	0.0	56.7	22.7	-1.4	0.0	0.0	10.5	0.0	0.0	-9.7
625	638899.62	4873886.23	328.47	0	DEN	32	29.0	26.6	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-5.1
625	638899.62	4873886.23	328.47	0	DEN	63	37.2	26.6	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	3.0
625	638899.62	4873886.23	328.47	0	DEN	125	43.3	26.6	0.0	0.0	0.0	55.9	0.1	1.3	0.0	0.0	3.7	0.0	0.0	9.0
625	638899.62	4873886.23	328.47	0	DEN	250	48.8	26.6	0.0	0.0	0.0	55.9	0.2	1.9	0.0	0.0	3.2	0.0	0.0	14.2
625	638899.62	4873886.23	328.47	0	DEN	500	54.2	26.6	0.0	0.0	0.0	55.9	0.3	-1.0	0.0	0.0	6.4	0.0	0.0	19.1
625	638899.62	4873886.23	328.47	0	DEN	1000	60.4	26.6	0.0	0.0	0.0	55.9	0.6	-1.3	0.0	0.0	7.3	0.0	0.0	24.5
625	638899.62	4873886.23	328.47	0	DEN	2000	59.6	26.6	0.0	0.0	0.0	55.9	1.7	-1.3	0.0	0.0	8.3	0.0	0.0	21.7
625	638899.62	4873886.23	328.47	0	DEN	4000	55.4	26.6	0.0	0.0	0.0	55.9	5.7	-1.3	0.0	0.0	9.7	0.0	0.0	12.0
625	638899.62	4873886.23	328.47	0	DEN	8000	52.3	26.6	0.0	0.0	0.0	55.9	20.5	-1.3	0.0	0.0	11.7	0.0	0.0	-7.8
627	638705.86	4873813.87	330.12	0	DEN	32	29.0	35.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-1.1
627	638705.86	4873813.87	330.12	0	DEN	63	37.2	35.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	7.1
627	638705.86	4873813.87	330.12	0	DEN	125	43.3	35.6	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.8	0.0	0.0	13.0
627	638705.86	4873813.87	330.12	0	DEN	250	48.8	35.6	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.5	0.0	0.0	18.3
627	638705.86	4873813.87	330.12	0	DEN	500	54.2	35.6	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	23.3
627	638705.86	4873813.87	330.12	0	DEN	1000	60.4	35.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.0	0.0	0.0	28.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
627	638705.86	4873813.87	330.12	0	DEN	2000	59.6	35.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	7.3	0.0	0.0	25.9
627	638705.86	4873813.87	330.12	0	DEN	4000	55.4	35.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	7.8	0.0	0.0	13.9
627	638705.86	4873813.87	330.12	0	DEN	8000	52.3	35.6	0.0	0.0	0.0	60.9	36.7	-1.9	0.0	0.0	8.7	0.0	0.0	-16.5
629	638667.55	4873829.93	330.97	0	DEN	32	29.0	32.6	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-5.2
629	638667.55	4873829.93	330.97	0	DEN	63	37.2	32.6	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	3.0
629	638667.55	4873829.93	330.97	0	DEN	125	43.3	32.6	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	9.0
629	638667.55	4873829.93	330.97	0	DEN	250	48.8	32.6	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	14.2
629	638667.55	4873829.93	330.97	0	DEN	500	54.2	32.6	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	19.3
629	638667.55	4873829.93	330.97	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	24.8
629	638667.55	4873829.93	330.97	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	21.7
629	638667.55	4873829.93	330.97	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.4	0.0	0.0	9.0
629	638667.55	4873829.93	330.97	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	62.0	41.4	-2.0	0.0	0.0	8.0	0.0	0.0	-24.5
642	638600.88	4873815.51	331.72	0	DEN	32	29.0	32.6	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-6.6
642	638600.88	4873815.51	331.72	0	DEN	63	37.2	32.6	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	1.6
642	638600.88	4873815.51	331.72	0	DEN	125	43.3	32.6	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	7.5
642	638600.88	4873815.51	331.72	0	DEN	250	48.8	32.6	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	12.8
642	638600.88	4873815.51	331.72	0	DEN	500	54.2	32.6	0.0	0.0	0.0	63.4	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	17.8
642	638600.88	4873815.51	331.72	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	23.2
642	638600.88	4873815.51	331.72	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	19.8
642	638600.88	4873815.51	331.72	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	63.4	13.7	-2.1	0.0	0.0	7.3	0.0	0.0	5.7
642	638600.88	4873815.51	331.72	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	63.4	48.8	-2.1	0.0	0.0	7.7	0.0	0.0	-32.9
651	638866.85	4873832.40	328.02	1	DEN	4000	55.4	15.1	0.0	0.0	0.0	59.7	8.9	-1.5	0.0	0.0	8.8	0.0	1.0	-6.5
651	638866.85	4873832.40	328.02	1	DEN	8000	52.3	15.1	0.0	0.0	0.0	59.7	31.8	-1.5	0.0	0.0	10.4	0.0	1.0	-34.0
653	638900.01	4873862.41	328.05	1	DEN	4000	55.4	15.1	0.0	0.0	0.0	58.1	7.4	-1.3	0.0	0.0	11.6	0.0	1.0	-6.4
653	638900.01	4873862.41	328.05	1	DEN	8000	52.3	15.1	0.0	0.0	0.0	58.1	26.5	-1.3	0.0	0.0	13.9	0.0	1.0	-31.0
664	638850.42	4873816.68	328.00	1	DEN	4000	55.4	18.1	0.0	0.0	0.0	60.4	9.7	-1.6	0.0	0.0	8.2	0.0	1.0	-4.2
664	638850.42	4873816.68	328.00	1	DEN	8000	52.3	18.1	0.0	0.0	0.0	60.4	34.4	-1.6	0.0	0.0	9.5	0.0	1.0	-33.3
683	638817.34	4873786.31	327.97	1	DEN	8000	52.3	18.1	0.0	0.0	0.0	61.6	39.7	-1.7	0.0	0.0	7.9	0.0	1.0	-38.2
685	638800.99	4873770.23	327.93	1	DEN	8000	52.3	15.1	0.0	0.0	0.0	62.2	42.4	-1.8	0.0	0.0	7.6	0.0	1.0	-44.0
696	638767.98	4873739.50	327.89	1	DEN	8000	52.3	15.1	0.0	0.0	0.0	63.2	47.6	-1.9	0.0	0.0	7.1	0.0	1.0	-49.7
698	638916.05	4873879.94	328.11	1	DEN	2000	59.6	21.1	0.0	0.0	0.0	57.2	2.0	-1.1	0.0	0.0	10.6	0.0	1.0	11.1
698	638916.05	4873879.94	328.11	1	DEN	4000	55.4	21.1	0.0	0.0	0.0	57.2	6.7	-1.1	0.0	0.0	12.8	0.0	1.0	0.0
698	638916.05	4873879.94	328.11	1	DEN	8000	52.3	21.1	0.0	0.0	0.0	57.2	23.8	-1.1	0.0	0.0	15.3	0.0	1.0	-22.7
700	638899.78	4873863.49	328.07	1	DEN	4000	55.4	18.1	0.0	0.0	0.0	58.1	7.4	-1.2	0.0	0.0	11.1	0.0	1.0	-2.9
700	638899.78	4873863.49	328.07	1	DEN	8000	52.3	18.1	0.0	0.0	0.0	58.1	26.5	-1.2	0.0	0.0	13.4	0.0	1.0	-27.4
702	638866.62	4873833.49	328.05	1	DEN	4000	55.4	18.1	0.0	0.0	0.0	59.7	8.9	-1.5	0.0	0.0	8.7	0.0	1.0	-3.3
702	638866.62	4873833.49	328.05	1	DEN	8000	52.3	18.1	0.0	0.0	0.0	59.7	31.7	-1.5	0.0	0.0	10.2	0.0	1.0	-30.8
708	638746.15	4873726.87	328.00	1	DEN	8000	52.3	25.2	0.0	0.0	0.0	63.7	50.5	-1.9	0.0	0.0	6.9	0.0	1.0	-42.7
710	638764.86	4873741.42	327.97	1	DEN	8000	52.3	22.2	0.0	0.0	0.0	63.2	47.7	-1.9	0.0	0.0	7.0	0.0	1.0	-42.6
712	638796.19	4873773.65	328.06	1	DEN	8000	52.3	22.2	0.0	0.0	0.0	62.2	42.5	-1.8	0.0	0.0	7.3	0.0	1.0	-36.8
714	638798.47	4873772.48	328.01	1	DEN	8000	52.3	19.2	0.0	0.0	0.0	62.2	42.4	-1.8	0.0	0.0	7.4	0.0	1.0	-39.7
717	638767.14	4873740.25	327.92	1	DEN	8000	52.3	19.2	0.0	0.0	0.0	63.2	47.6	-1.9	0.0	0.0	7.1	0.0	1.0	-45.6
733	638815.66	4873787.82	328.02	1	DEN	8000	52.3	22.2	0.0	0.0	0.0	61.6	39.7	-1.7	0.0	0.0	7.8	0.0	1.0	-33.9
736	638847.75	4873819.66	328.09	1	DEN	4000	55.4	22.2	0.0	0.0	0.0	60.4	9.7	-1.6	0.0	0.0	7.8	0.0	1.0	0.3
736	638847.75	4873819.66	328.09	1	DEN	8000	52.3	22.2	0.0	0.0	0.0	60.4	34.4	-1.6	0.0	0.0	8.9	0.0	1.0	-28.7
738	638865.70	4873834.60	328.08	1	DEN	4000	55.4	19.2	0.0	0.0	0.0	59.7	8.9	-1.5	0.0	0.0	8.6	0.0	1.0	-2.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
738	638865.70	4873834.60	328.08	1	DEN	8000	52.3	19.2	0.0	0.0	0.0	59.7	31.7	-1.5	0.0	0.0	10.1	0.0	1.0	-29.5
740	638898.55	4873866.05	328.13	1	DEN	4000	55.4	19.2	0.0	0.0	0.0	58.1	7.4	-1.3	0.0	0.0	10.6	0.0	1.0	-1.2
740	638898.55	4873866.05	328.13	1	DEN	8000	52.3	19.2	0.0	0.0	0.0	58.1	26.4	-1.3	0.0	0.0	12.8	0.0	1.0	-25.5
821	638531.80	4873812.71	332.71	1	DEN	4000	55.4	-23.9	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-63.0
821	638531.80	4873812.71	332.71	1	DEN	8000	52.3	-23.9	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-118.7
822	638535.12	4873812.28	332.65	1	DEN	4000	55.4	9.7	0.0	0.0	0.0	67.0	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-29.3
822	638535.12	4873812.28	332.65	1	DEN	8000	52.3	9.7	0.0	0.0	0.0	67.0	73.5	-3.0	0.0	0.0	7.8	0.0	2.0	-85.3
1689	638931.44	4873584.66	322.96	0	DEN	32	29.0	31.8	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-0.5
1689	638931.44	4873584.66	322.96	0	DEN	63	37.2	31.8	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	7.6
1689	638931.44	4873584.66	322.96	0	DEN	125	43.3	31.8	0.0	0.0	0.0	56.5	0.1	1.3	0.0	0.0	3.8	0.0	0.0	13.4
1689	638931.44	4873584.66	322.96	0	DEN	250	48.8	31.8	0.0	0.0	0.0	56.5	0.2	1.9	0.0	0.0	3.5	0.0	0.0	18.5
1689	638931.44	4873584.66	322.96	0	DEN	500	54.2	31.8	0.0	0.0	0.0	56.5	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	23.2
1689	638931.44	4873584.66	322.96	0	DEN	1000	60.4	31.8	0.0	0.0	0.0	56.5	0.7	-1.3	0.0	0.0	8.2	0.0	0.0	28.2
1689	638931.44	4873584.66	322.96	0	DEN	2000	59.6	31.8	0.0	0.0	0.0	56.5	1.8	-1.3	0.0	0.0	9.5	0.0	0.0	24.9
1689	638931.44	4873584.66	322.96	0	DEN	4000	55.4	31.8	0.0	0.0	0.0	56.5	6.1	-1.3	0.0	0.0	11.4	0.0	0.0	14.5
1689	638931.44	4873584.66	322.96	0	DEN	8000	52.3	31.8	0.0	0.0	0.0	56.5	21.9	-1.3	0.0	0.0	13.8	0.0	0.0	-6.7
1697	638960.58	4873569.71	322.26	0	DEN	32	29.0	31.8	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-0.7
1697	638960.58	4873569.71	322.26	0	DEN	63	37.2	31.8	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	7.4
1697	638960.58	4873569.71	322.26	0	DEN	125	43.3	31.8	0.0	0.0	0.0	56.6	0.1	1.4	0.0	0.0	3.7	0.0	0.0	13.3
1697	638960.58	4873569.71	322.26	0	DEN	250	48.8	31.8	0.0	0.0	0.0	56.6	0.2	2.0	0.0	0.0	3.4	0.0	0.0	18.3
1697	638960.58	4873569.71	322.26	0	DEN	500	54.2	31.8	0.0	0.0	0.0	56.6	0.4	-0.9	0.0	0.0	6.9	0.0	0.0	23.0
1697	638960.58	4873569.71	322.26	0	DEN	1000	60.4	31.8	0.0	0.0	0.0	56.6	0.7	-1.3	0.0	0.0	8.2	0.0	0.0	27.9
1697	638960.58	4873569.71	322.26	0	DEN	2000	59.6	31.8	0.0	0.0	0.0	56.6	1.8	-1.3	0.0	0.0	9.6	0.0	0.0	24.6
1697	638960.58	4873569.71	322.26	0	DEN	4000	55.4	31.8	0.0	0.0	0.0	56.6	6.3	-1.3	0.0	0.0	11.6	0.0	0.0	14.0
1697	638960.58	4873569.71	322.26	0	DEN	8000	52.3	31.8	0.0	0.0	0.0	56.6	22.3	-1.3	0.0	0.0	13.9	0.0	0.0	-7.5
1705	638904.71	4873575.36	323.41	0	DEN	32	29.0	31.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-1.4
1705	638904.71	4873575.36	323.41	0	DEN	63	37.2	31.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	6.7
1705	638904.71	4873575.36	323.41	0	DEN	125	43.3	31.8	0.0	0.0	0.0	57.4	0.1	1.2	0.0	0.0	3.8	0.0	0.0	12.6
1705	638904.71	4873575.36	323.41	0	DEN	250	48.8	31.8	0.0	0.0	0.0	57.4	0.2	1.8	0.0	0.0	3.4	0.0	0.0	17.8
1705	638904.71	4873575.36	323.41	0	DEN	500	54.2	31.8	0.0	0.0	0.0	57.4	0.4	-1.0	0.0	0.0	6.5	0.0	0.0	22.6
1705	638904.71	4873575.36	323.41	0	DEN	1000	60.4	31.8	0.0	0.0	0.0	57.4	0.8	-1.4	0.0	0.0	7.6	0.0	0.0	27.8
1705	638904.71	4873575.36	323.41	0	DEN	2000	59.6	31.8	0.0	0.0	0.0	57.4	2.0	-1.4	0.0	0.0	8.7	0.0	0.0	24.7
1705	638904.71	4873575.36	323.41	0	DEN	4000	55.4	31.8	0.0	0.0	0.0	57.4	6.8	-1.4	0.0	0.0	10.2	0.0	0.0	14.1
1705	638904.71	4873575.36	323.41	0	DEN	8000	52.3	31.8	0.0	0.0	0.0	57.4	24.4	-1.4	0.0	0.0	12.3	0.0	0.0	-8.6
1712	638880.38	4873541.83	323.61	0	DEN	32	29.0	31.8	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-3.0
1712	638880.38	4873541.83	323.61	0	DEN	63	37.2	31.8	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	5.2
1712	638880.38	4873541.83	323.61	0	DEN	125	43.3	31.8	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.8	0.0	0.0	11.1
1712	638880.38	4873541.83	323.61	0	DEN	250	48.8	31.8	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.4	0.0	0.0	16.4
1712	638880.38	4873541.83	323.61	0	DEN	500	54.2	31.8	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.4	0.0	0.0	21.4
1712	638880.38	4873541.83	323.61	0	DEN	1000	60.4	31.8	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	7.1	0.0	0.0	26.8
1712	638880.38	4873541.83	323.61	0	DEN	2000	59.6	31.8	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.7	0.0	0.0	23.9
1712	638880.38	4873541.83	323.61	0	DEN	4000	55.4	31.8	0.0	0.0	0.0	59.0	8.2	-1.6	0.0	0.0	8.7	0.0	0.0	12.9
1712	638880.38	4873541.83	323.61	0	DEN	8000	52.3	31.8	0.0	0.0	0.0	59.0	29.2	-1.6	0.0	0.0	10.2	0.0	0.0	-12.7
1720	638857.60	4873555.63	324.17	0	DEN	32	29.0	30.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-4.1
1720	638857.60	4873555.63	324.17	0	DEN	63	37.2	30.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	4.1
1720	638857.60	4873555.63	324.17	0	DEN	125	43.3	30.7	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.7	0.0	0.0	10.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1720	638857.60	4873555.63	324.17	0	DEN	250	48.8	30.7	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.3	0.0	0.0	15.3
1720	638857.60	4873555.63	324.17	0	DEN	500	54.2	30.7	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.3	0.0	0.0	20.3
1720	638857.60	4873555.63	324.17	0	DEN	1000	60.4	30.7	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	7.0	0.0	0.0	25.8
1720	638857.60	4873555.63	324.17	0	DEN	2000	59.6	30.7	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.6	0.0	0.0	22.9
1720	638857.60	4873555.63	324.17	0	DEN	4000	55.4	30.7	0.0	0.0	0.0	59.0	8.3	-1.6	0.0	0.0	8.5	0.0	0.0	11.9
1720	638857.60	4873555.63	324.17	0	DEN	8000	52.3	30.7	0.0	0.0	0.0	59.0	29.4	-1.6	0.0	0.0	10.0	0.0	0.0	-13.8
1728	638898.85	4873601.38	323.74	0	DEN	32	29.0	25.5	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-6.9
1728	638898.85	4873601.38	323.74	0	DEN	63	37.2	25.5	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	1.2
1728	638898.85	4873601.38	323.74	0	DEN	125	43.3	25.5	0.0	0.0	0.0	56.6	0.1	1.2	0.0	0.0	3.8	0.0	0.0	7.1
1728	638898.85	4873601.38	323.74	0	DEN	250	48.8	25.5	0.0	0.0	0.0	56.6	0.2	1.8	0.0	0.0	3.5	0.0	0.0	12.2
1728	638898.85	4873601.38	323.74	0	DEN	500	54.2	25.5	0.0	0.0	0.0	56.6	0.4	-1.0	0.0	0.0	6.7	0.0	0.0	17.0
1728	638898.85	4873601.38	323.74	0	DEN	1000	60.4	25.5	0.0	0.0	0.0	56.6	0.7	-1.4	0.0	0.0	7.9	0.0	0.0	22.1
1728	638898.85	4873601.38	323.74	0	DEN	2000	59.6	25.5	0.0	0.0	0.0	56.6	1.8	-1.4	0.0	0.0	9.2	0.0	0.0	18.9
1728	638898.85	4873601.38	323.74	0	DEN	4000	55.4	25.5	0.0	0.0	0.0	56.6	6.2	-1.4	0.0	0.0	11.0	0.0	0.0	8.5
1728	638898.85	4873601.38	323.74	0	DEN	8000	52.3	25.5	0.0	0.0	0.0	56.6	22.3	-1.4	0.0	0.0	13.2	0.0	0.0	-12.8
1736	638884.96	4873585.50	323.88	0	DEN	32	29.0	22.5	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-10.8
1736	638884.96	4873585.50	323.88	0	DEN	63	37.2	22.5	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-2.7
1736	638884.96	4873585.50	323.88	0	DEN	125	43.3	22.5	0.0	0.0	0.0	57.5	0.1	1.3	0.0	0.0	3.7	0.0	0.0	3.3
1736	638884.96	4873585.50	323.88	0	DEN	250	48.8	22.5	0.0	0.0	0.0	57.5	0.2	1.8	0.0	0.0	3.3	0.0	0.0	8.5
1736	638884.96	4873585.50	323.88	0	DEN	500	54.2	22.5	0.0	0.0	0.0	57.5	0.4	-1.0	0.0	0.0	6.4	0.0	0.0	13.4
1736	638884.96	4873585.50	323.88	0	DEN	1000	60.4	22.5	0.0	0.0	0.0	57.5	0.8	-1.4	0.0	0.0	7.4	0.0	0.0	18.6
1736	638884.96	4873585.50	323.88	0	DEN	2000	59.6	22.5	0.0	0.0	0.0	57.5	2.0	-1.4	0.0	0.0	8.4	0.0	0.0	15.5
1736	638884.96	4873585.50	323.88	0	DEN	4000	55.4	22.5	0.0	0.0	0.0	57.5	6.9	-1.4	0.0	0.0	9.9	0.0	0.0	5.0
1736	638884.96	4873585.50	323.88	0	DEN	8000	52.3	22.5	0.0	0.0	0.0	57.5	24.7	-1.4	0.0	0.0	11.8	0.0	0.0	-17.9
1743	638864.08	4873550.19	324.00	0	DEN	32	29.0	22.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-12.3
1743	638864.08	4873550.19	324.00	0	DEN	63	37.2	22.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-4.2
1743	638864.08	4873550.19	324.00	0	DEN	125	43.3	22.5	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.7	0.0	0.0	1.8
1743	638864.08	4873550.19	324.00	0	DEN	250	48.8	22.5	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.3	0.0	0.0	7.1
1743	638864.08	4873550.19	324.00	0	DEN	500	54.2	22.5	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.3	0.0	0.0	12.1
1743	638864.08	4873550.19	324.00	0	DEN	1000	60.4	22.5	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	7.0	0.0	0.0	17.5
1743	638864.08	4873550.19	324.00	0	DEN	2000	59.6	22.5	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.6	0.0	0.0	14.7
1743	638864.08	4873550.19	324.00	0	DEN	4000	55.4	22.5	0.0	0.0	0.0	59.0	8.3	-1.6	0.0	0.0	8.6	0.0	0.0	3.7
1743	638864.08	4873550.19	324.00	0	DEN	8000	52.3	22.5	0.0	0.0	0.0	59.0	29.5	-1.6	0.0	0.0	10.0	0.0	0.0	-22.1
1750	638723.32	4873670.54	327.77	0	DEN	32	29.0	34.9	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-1.6
1750	638723.32	4873670.54	327.77	0	DEN	63	37.2	34.9	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	6.6
1750	638723.32	4873670.54	327.77	0	DEN	125	43.3	34.9	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	12.5
1750	638723.32	4873670.54	327.77	0	DEN	250	48.8	34.9	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.7	0.0	0.0	17.7
1750	638723.32	4873670.54	327.77	0	DEN	500	54.2	34.9	0.0	0.0	0.0	60.6	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	22.6
1750	638723.32	4873670.54	327.77	0	DEN	1000	60.4	34.9	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	27.8
1750	638723.32	4873670.54	327.77	0	DEN	2000	59.6	34.9	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.3	0.0	0.0	24.5
1750	638723.32	4873670.54	327.77	0	DEN	4000	55.4	34.9	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.6	0.0	0.0	12.1
1750	638723.32	4873670.54	327.77	0	DEN	8000	52.3	34.9	0.0	0.0	0.0	60.6	35.3	-1.9	0.0	0.0	11.3	0.0	0.0	-18.2
1758	638735.13	4873631.56	327.21	0	DEN	32	29.0	31.9	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-4.6
1758	638735.13	4873631.56	327.21	0	DEN	63	37.2	31.9	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	3.5
1758	638735.13	4873631.56	327.21	0	DEN	125	43.3	31.9	0.0	0.0	0.0	60.7	0.1	1.0	0.0	0.0	3.9	0.0	0.0	9.5
1758	638735.13	4873631.56	327.21	0	DEN	250	48.8	31.9	0.0	0.0	0.0	60.7	0.3	1.4	0.0	0.0	3.7	0.0	0.0	14.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1758	638735.13	4873631.56	327.21	0	DEN	500	54.2	31.9	0.0	0.0	0.0	60.7	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	19.5
1758	638735.13	4873631.56	327.21	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	60.7	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	24.8
1758	638735.13	4873631.56	327.21	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	60.7	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	21.4
1758	638735.13	4873631.56	327.21	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	60.7	10.0	-1.9	0.0	0.0	9.6	0.0	0.0	8.9
1758	638735.13	4873631.56	327.21	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	60.7	35.5	-1.9	0.0	0.0	11.3	0.0	0.0	-21.5
1766	638784.38	4873584.34	325.85	0	DEN	32	29.0	31.9	0.0	0.0	0.0	60.1	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-4.1
1766	638784.38	4873584.34	325.85	0	DEN	63	37.2	31.9	0.0	0.0	0.0	60.1	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	4.1
1766	638784.38	4873584.34	325.85	0	DEN	125	43.3	31.9	0.0	0.0	0.0	60.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	10.1
1766	638784.38	4873584.34	325.85	0	DEN	250	48.8	31.9	0.0	0.0	0.0	60.1	0.3	1.4	0.0	0.0	3.6	0.0	0.0	15.3
1766	638784.38	4873584.34	325.85	0	DEN	500	54.2	31.9	0.0	0.0	0.0	60.1	0.5	-1.4	0.0	0.0	6.5	0.0	0.0	20.3
1766	638784.38	4873584.34	325.85	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	60.1	1.0	-1.8	0.0	0.0	7.3	0.0	0.0	25.6
1766	638784.38	4873584.34	325.85	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	60.1	2.8	-1.8	0.0	0.0	7.9	0.0	0.0	22.5
1766	638784.38	4873584.34	325.85	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	60.1	9.3	-1.8	0.0	0.0	8.9	0.0	0.0	10.8
1766	638784.38	4873584.34	325.85	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	60.1	33.3	-1.8	0.0	0.0	10.4	0.0	0.0	-17.8
1774	638674.07	4873717.75	329.12	0	DEN	32	29.0	34.9	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-2.6
1774	638674.07	4873717.75	329.12	0	DEN	63	37.2	34.9	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	5.5
1774	638674.07	4873717.75	329.12	0	DEN	125	43.3	34.9	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	11.5
1774	638674.07	4873717.75	329.12	0	DEN	250	48.8	34.9	0.0	0.0	0.0	61.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	16.7
1774	638674.07	4873717.75	329.12	0	DEN	500	54.2	34.9	0.0	0.0	0.0	61.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	21.7
1774	638674.07	4873717.75	329.12	0	DEN	1000	60.4	34.9	0.0	0.0	0.0	61.7	1.2	-2.0	0.0	0.0	7.3	0.0	0.0	27.1
1774	638674.07	4873717.75	329.12	0	DEN	2000	59.6	34.9	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.7	0.0	0.0	23.8
1774	638674.07	4873717.75	329.12	0	DEN	4000	55.4	34.9	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.5	0.0	0.0	10.9
1774	638674.07	4873717.75	329.12	0	DEN	8000	52.3	34.9	0.0	0.0	0.0	61.7	39.9	-2.0	0.0	0.0	9.7	0.0	0.0	-22.2
1781	638636.63	4873725.98	329.93	0	DEN	32	29.0	31.9	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-6.5
1781	638636.63	4873725.98	329.93	0	DEN	63	37.2	31.9	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	1.7
1781	638636.63	4873725.98	329.93	0	DEN	125	43.3	31.9	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	7.6
1781	638636.63	4873725.98	329.93	0	DEN	250	48.8	31.9	0.0	0.0	0.0	62.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	12.8
1781	638636.63	4873725.98	329.93	0	DEN	500	54.2	31.9	0.0	0.0	0.0	62.6	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	17.8
1781	638636.63	4873725.98	329.93	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	23.2
1781	638636.63	4873725.98	329.93	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	19.9
1781	638636.63	4873725.98	329.93	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	62.6	12.4	-2.1	0.0	0.0	8.0	0.0	0.0	6.4
1781	638636.63	4873725.98	329.93	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	62.6	44.2	-2.1	0.0	0.0	8.9	0.0	0.0	-29.4
1789	638587.38	4873773.19	331.29	0	DEN	32	29.0	31.9	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-7.6
1789	638587.38	4873773.19	331.29	0	DEN	63	37.2	31.9	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	0.6
1789	638587.38	4873773.19	331.29	0	DEN	125	43.3	31.9	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.7	0.0	0.0	6.6
1789	638587.38	4873773.19	331.29	0	DEN	250	48.8	31.9	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	11.8
1789	638587.38	4873773.19	331.29	0	DEN	500	54.2	31.9	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	16.8
1789	638587.38	4873773.19	331.29	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	22.2
1789	638587.38	4873773.19	331.29	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.2	0.0	0.0	18.7
1789	638587.38	4873773.19	331.29	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	63.6	14.0	-2.2	0.0	0.0	7.5	0.0	0.0	4.4
1789	638587.38	4873773.19	331.29	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	63.6	49.9	-2.2	0.0	0.0	7.9	0.0	0.0	-35.1
1799	638807.31	4873638.43	325.85	0	DEN	32	29.0	31.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-2.5
1799	638807.31	4873638.43	325.85	0	DEN	63	37.2	31.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	5.7
1799	638807.31	4873638.43	325.85	0	DEN	125	43.3	31.9	0.0	0.0	0.0	58.5	0.1	1.1	0.0	0.0	3.9	0.0	0.0	11.6
1799	638807.31	4873638.43	325.85	0	DEN	250	48.8	31.9	0.0	0.0	0.0	58.5	0.2	1.6	0.0	0.0	3.6	0.0	0.0	16.7
1799	638807.31	4873638.43	325.85	0	DEN	500	54.2	31.9	0.0	0.0	0.0	58.5	0.5	-1.2	0.0	0.0	6.8	0.0	0.0	21.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1799	638807.31	4873638.43	325.85	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	7.9	0.0	0.0	26.5
1799	638807.31	4873638.43	325.85	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.1	0.0	0.0	23.1
1799	638807.31	4873638.43	325.85	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	58.5	7.7	-1.6	0.0	0.0	10.8	0.0	0.0	11.8
1799	638807.31	4873638.43	325.85	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.0	0.0	0.0	-13.3
1808	638835.64	4873645.84	325.35	0	DEN	32	29.0	28.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-4.4
1808	638835.64	4873645.84	325.35	0	DEN	63	37.2	28.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	3.7
1808	638835.64	4873645.84	325.35	0	DEN	125	43.3	28.8	0.0	0.0	0.0	57.4	0.1	1.2	0.0	0.0	3.9	0.0	0.0	9.6
1808	638835.64	4873645.84	325.35	0	DEN	250	48.8	28.8	0.0	0.0	0.0	57.4	0.2	1.8	0.0	0.0	3.6	0.0	0.0	14.7
1808	638835.64	4873645.84	325.35	0	DEN	500	54.2	28.8	0.0	0.0	0.0	57.4	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	19.3
1808	638835.64	4873645.84	325.35	0	DEN	1000	60.4	28.8	0.0	0.0	0.0	57.4	0.8	-1.4	0.0	0.0	8.2	0.0	0.0	24.3
1808	638835.64	4873645.84	325.35	0	DEN	2000	59.6	28.8	0.0	0.0	0.0	57.4	2.0	-1.4	0.0	0.0	9.7	0.0	0.0	20.8
1808	638835.64	4873645.84	325.35	0	DEN	4000	55.4	28.8	0.0	0.0	0.0	57.4	6.8	-1.4	0.0	0.0	11.6	0.0	0.0	9.9
1808	638835.64	4873645.84	325.35	0	DEN	8000	52.3	28.8	0.0	0.0	0.0	57.4	24.3	-1.4	0.0	0.0	13.9	0.0	0.0	-13.0
1815	638866.67	4873629.92	324.61	0	DEN	32	29.0	28.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-3.7
1815	638866.67	4873629.92	324.61	0	DEN	63	37.2	28.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	4.4
1815	638866.67	4873629.92	324.61	0	DEN	125	43.3	28.8	0.0	0.0	0.0	56.7	0.1	1.1	0.0	0.0	4.0	0.0	0.0	10.3
1815	638866.67	4873629.92	324.61	0	DEN	250	48.8	28.8	0.0	0.0	0.0	56.7	0.2	1.7	0.0	0.0	3.6	0.0	0.0	15.4
1815	638866.67	4873629.92	324.61	0	DEN	500	54.2	28.8	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	20.1
1815	638866.67	4873629.92	324.61	0	DEN	1000	60.4	28.8	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	8.2	0.0	0.0	25.1
1815	638866.67	4873629.92	324.61	0	DEN	2000	59.6	28.8	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	9.6	0.0	0.0	21.7
1815	638866.67	4873629.92	324.61	0	DEN	4000	55.4	28.8	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	11.5	0.0	0.0	11.2
1815	638866.67	4873629.92	324.61	0	DEN	8000	52.3	28.8	0.0	0.0	0.0	56.7	22.4	-1.4	0.0	0.0	13.8	0.0	0.0	-10.3
1822	638767.17	4873669.99	326.90	0	DEN	32	29.0	34.9	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-0.3
1822	638767.17	4873669.99	326.90	0	DEN	63	37.2	34.9	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.5	0.0	0.0	7.8
1822	638767.17	4873669.99	326.90	0	DEN	125	43.3	34.9	0.0	0.0	0.0	59.3	0.1	1.0	0.0	0.0	4.0	0.0	0.0	13.8
1822	638767.17	4873669.99	326.90	0	DEN	250	48.8	34.9	0.0	0.0	0.0	59.3	0.3	1.5	0.0	0.0	3.7	0.0	0.0	18.9
1822	638767.17	4873669.99	326.90	0	DEN	500	54.2	34.9	0.0	0.0	0.0	59.3	0.5	-1.3	0.0	0.0	6.9	0.0	0.0	23.7
1822	638767.17	4873669.99	326.90	0	DEN	1000	60.4	34.9	0.0	0.0	0.0	59.3	1.0	-1.7	0.0	0.0	7.9	0.0	0.0	28.7
1822	638767.17	4873669.99	326.90	0	DEN	2000	59.6	34.9	0.0	0.0	0.0	59.3	2.5	-1.7	0.0	0.0	9.0	0.0	0.0	25.3
1822	638767.17	4873669.99	326.90	0	DEN	4000	55.4	34.9	0.0	0.0	0.0	59.3	8.5	-1.7	0.0	0.0	10.6	0.0	0.0	13.5
1822	638767.17	4873669.99	326.90	0	DEN	8000	52.3	34.9	0.0	0.0	0.0	59.3	30.4	-1.7	0.0	0.0	12.7	0.0	0.0	-13.6
1830	638812.71	4873591.76	325.36	0	DEN	32	29.0	34.9	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-0.2
1830	638812.71	4873591.76	325.36	0	DEN	63	37.2	34.9	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	8.0
1830	638812.71	4873591.76	325.36	0	DEN	125	43.3	34.9	0.0	0.0	0.0	59.2	0.1	1.0	0.0	0.0	3.9	0.0	0.0	13.9
1830	638812.71	4873591.76	325.36	0	DEN	250	48.8	34.9	0.0	0.0	0.0	59.2	0.3	1.5	0.0	0.0	3.5	0.0	0.0	19.1
1830	638812.71	4873591.76	325.36	0	DEN	500	54.2	34.9	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.5	0.0	0.0	24.1
1830	638812.71	4873591.76	325.36	0	DEN	1000	60.4	34.9	0.0	0.0	0.0	59.2	0.9	-1.7	0.0	0.0	7.3	0.0	0.0	29.4
1830	638812.71	4873591.76	325.36	0	DEN	2000	59.6	34.9	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	8.1	0.0	0.0	26.3
1830	638812.71	4873591.76	325.36	0	DEN	4000	55.4	34.9	0.0	0.0	0.0	59.2	8.4	-1.7	0.0	0.0	9.3	0.0	0.0	15.0
1830	638812.71	4873591.76	325.36	0	DEN	8000	52.3	34.9	0.0	0.0	0.0	59.2	30.1	-1.7	0.0	0.0	10.9	0.0	0.0	-11.5
1838	638843.74	4873575.84	324.61	0	DEN	32	29.0	31.9	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-2.8
1838	638843.74	4873575.84	324.61	0	DEN	63	37.2	31.9	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	5.4
1838	638843.74	4873575.84	324.61	0	DEN	125	43.3	31.9	0.0	0.0	0.0	58.8	0.1	1.1	0.0	0.0	3.8	0.0	0.0	11.4
1838	638843.74	4873575.84	324.61	0	DEN	250	48.8	31.9	0.0	0.0	0.0	58.8	0.3	1.6	0.0	0.0	3.3	0.0	0.0	16.6
1838	638843.74	4873575.84	324.61	0	DEN	500	54.2	31.9	0.0	0.0	0.0	58.8	0.5	-1.2	0.0	0.0	6.4	0.0	0.0	21.6
1838	638843.74	4873575.84	324.61	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	58.8	0.9	-1.6	0.0	0.0	7.1	0.0	0.0	27.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1838	638843.74	4873575.84	324.61	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	58.8	2.4	-1.6	0.0	0.0	7.7	0.0	0.0	24.1
1838	638843.74	4873575.84	324.61	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	58.8	8.1	-1.6	0.0	0.0	8.8	0.0	0.0	13.2
1838	638843.74	4873575.84	324.61	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	58.8	28.7	-1.6	0.0	0.0	10.3	0.0	0.0	-12.1
1844	638869.37	4873606.59	324.36	0	DEN	32	29.0	31.9	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-1.3
1844	638869.37	4873606.59	324.36	0	DEN	63	37.2	31.9	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	6.9
1844	638869.37	4873606.59	324.36	0	DEN	125	43.3	31.9	0.0	0.0	0.0	57.3	0.1	1.2	0.0	0.0	3.8	0.0	0.0	12.8
1844	638869.37	4873606.59	324.36	0	DEN	250	48.8	31.9	0.0	0.0	0.0	57.3	0.2	1.8	0.0	0.0	3.4	0.0	0.0	18.0
1844	638869.37	4873606.59	324.36	0	DEN	500	54.2	31.9	0.0	0.0	0.0	57.3	0.4	-1.0	0.0	0.0	6.5	0.0	0.0	22.8
1844	638869.37	4873606.59	324.36	0	DEN	1000	60.4	31.9	0.0	0.0	0.0	57.3	0.8	-1.4	0.0	0.0	7.6	0.0	0.0	28.0
1844	638869.37	4873606.59	324.36	0	DEN	2000	59.6	31.9	0.0	0.0	0.0	57.3	2.0	-1.4	0.0	0.0	8.6	0.0	0.0	24.9
1844	638869.37	4873606.59	324.36	0	DEN	4000	55.4	31.9	0.0	0.0	0.0	57.3	6.7	-1.4	0.0	0.0	10.2	0.0	0.0	14.4
1844	638869.37	4873606.59	324.36	0	DEN	8000	52.3	31.9	0.0	0.0	0.0	57.3	24.1	-1.4	0.0	0.0	12.3	0.0	0.0	-8.0
1851	639000.87	4873571.74	321.49	1	DEN	250	48.8	-0.4	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-16.4
1851	639000.87	4873571.74	321.49	1	DEN	500	54.2	-0.4	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-12.6
1851	639000.87	4873571.74	321.49	1	DEN	1000	60.4	-0.4	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-8.7
1851	639000.87	4873571.74	321.49	1	DEN	2000	59.6	-0.4	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-13.1
1851	639000.87	4873571.74	321.49	1	DEN	4000	55.4	-0.4	0.0	0.0	0.0	56.5	6.2	-1.1	0.0	0.0	16.7	0.0	1.0	-24.3
1851	639000.87	4873571.74	321.49	1	DEN	8000	52.3	-0.4	0.0	0.0	0.0	56.5	22.0	-1.1	0.0	0.0	19.6	0.0	1.0	-46.0
1866	638881.67	4873542.80	323.60	1	DEN	2000	59.6	27.2	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	7.2	0.0	1.0	18.1
1866	638881.67	4873542.80	323.60	1	DEN	4000	55.4	27.2	0.0	0.0	0.0	59.5	8.8	-1.7	0.0	0.0	7.9	0.0	1.0	7.1
1866	638881.67	4873542.80	323.60	1	DEN	8000	52.3	27.2	0.0	0.0	0.0	59.5	31.2	-1.7	0.0	0.0	9.0	0.0	1.0	-19.6
1872	638841.43	4873520.09	324.20	1	DEN	1000	60.4	18.0	0.0	0.0	0.0	60.5	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	10.8
1872	638841.43	4873520.09	324.20	1	DEN	2000	59.6	18.0	0.0	0.0	0.0	60.5	2.9	-1.8	0.0	0.0	7.1	0.0	1.0	8.0
1872	638841.43	4873520.09	324.20	1	DEN	4000	55.4	18.0	0.0	0.0	0.0	60.5	9.7	-1.8	0.0	0.0	7.6	0.0	1.0	-3.6
1872	638841.43	4873520.09	324.20	1	DEN	8000	52.3	18.0	0.0	0.0	0.0	60.5	34.7	-1.8	0.0	0.0	8.5	0.0	1.0	-32.5
1882	638706.32	4873688.67	328.25	1	DEN	8000	52.3	28.2	0.0	0.0	0.0	64.8	57.0	-2.0	0.0	0.0	6.8	0.0	1.0	-47.1
1916	638531.78	4873812.68	332.71	1	DEN	4000	55.4	-28.9	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-68.0
1916	638531.78	4873812.68	332.71	1	DEN	8000	52.3	-28.9	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-123.7
1924	638534.83	4873810.45	332.63	1	DEN	4000	55.4	6.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-32.2
1924	638534.83	4873810.45	332.63	1	DEN	8000	52.3	6.8	0.0	0.0	0.0	67.0	73.7	-3.0	0.0	0.0	7.8	0.0	2.0	-88.4
1932	638623.33	4873837.58	331.60	0	DEN	32	29.0	30.6	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-8.2
1932	638623.33	4873837.58	331.60	0	DEN	63	37.2	30.6	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-0.0
1932	638623.33	4873837.58	331.60	0	DEN	125	43.3	30.6	0.0	0.0	0.0	63.0	0.2	1.0	0.0	0.0	3.8	0.0	0.0	5.9
1932	638623.33	4873837.58	331.60	0	DEN	250	48.8	30.6	0.0	0.0	0.0	63.0	0.4	1.1	0.0	0.0	3.7	0.0	0.0	11.2
1932	638623.33	4873837.58	331.60	0	DEN	500	54.2	30.6	0.0	0.0	0.0	63.0	0.8	-1.7	0.0	0.0	6.5	0.0	0.0	16.2
1932	638623.33	4873837.58	331.60	0	DEN	1000	60.4	30.6	0.0	0.0	0.0	63.0	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	21.7
1932	638623.33	4873837.58	331.60	0	DEN	2000	59.6	30.6	0.0	0.0	0.0	63.0	3.9	-2.1	0.0	0.0	7.1	0.0	0.0	18.4
1932	638623.33	4873837.58	331.60	0	DEN	4000	55.4	30.6	0.0	0.0	0.0	63.0	13.1	-2.1	0.0	0.0	7.3	0.0	0.0	4.7
1932	638623.33	4873837.58	331.60	0	DEN	8000	52.3	30.6	0.0	0.0	0.0	63.0	46.7	-2.1	0.0	0.0	7.6	0.0	0.0	-32.3
1937	638688.25	4873855.43	330.80	0	DEN	32	29.0	28.6	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-8.9
1937	638688.25	4873855.43	330.80	0	DEN	63	37.2	28.6	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-0.7
1937	638688.25	4873855.43	330.80	0	DEN	125	43.3	28.6	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	5.3
1937	638688.25	4873855.43	330.80	0	DEN	250	48.8	28.6	0.0	0.0	0.0	61.7	0.4	1.2	0.0	0.0	3.6	0.0	0.0	10.5
1937	638688.25	4873855.43	330.80	0	DEN	500	54.2	28.6	0.0	0.0	0.0	61.7	0.7	-1.6	0.0	0.0	6.4	0.0	0.0	15.6
1937	638688.25	4873855.43	330.80	0	DEN	1000	60.4	28.6	0.0	0.0	0.0	61.7	1.2	-2.0	0.0	0.0	6.9	0.0	0.0	21.1
1937	638688.25	4873855.43	330.80	0	DEN	2000	59.6	28.6	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.1	0.0	0.0	18.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1937	638688.25	4873855.43	330.80	0	DEN	4000	55.4	28.6	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	7.4	0.0	0.0	5.7
1937	638688.25	4873855.43	330.80	0	DEN	8000	52.3	28.6	0.0	0.0	0.0	61.7	39.9	-2.0	0.0	0.0	7.9	0.0	0.0	-26.6
1942	638741.08	4873867.77	330.19	0	DEN	32	29.0	30.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-6.2
1942	638741.08	4873867.77	330.19	0	DEN	63	37.2	30.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	2.0
1942	638741.08	4873867.77	330.19	0	DEN	125	43.3	30.1	0.0	0.0	0.0	60.4	0.1	1.0	0.0	0.0	3.8	0.0	0.0	8.0
1942	638741.08	4873867.77	330.19	0	DEN	250	48.8	30.1	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.5	0.0	0.0	13.3
1942	638741.08	4873867.77	330.19	0	DEN	500	54.2	30.1	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	18.4
1942	638741.08	4873867.77	330.19	0	DEN	1000	60.4	30.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	23.9
1942	638741.08	4873867.77	330.19	0	DEN	2000	59.6	30.1	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.1	0.0	0.0	21.1
1942	638741.08	4873867.77	330.19	0	DEN	4000	55.4	30.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.6	0.0	0.0	9.6
1942	638741.08	4873867.77	330.19	0	DEN	8000	52.3	30.1	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.4	0.0	0.0	-19.2
1946	638787.27	4873871.26	329.78	0	DEN	32	29.0	27.1	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-7.9
1946	638787.27	4873871.26	329.78	0	DEN	63	37.2	27.1	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	0.3
1946	638787.27	4873871.26	329.78	0	DEN	125	43.3	27.1	0.0	0.0	0.0	59.1	0.1	1.1	0.0	0.0	3.7	0.0	0.0	6.3
1946	638787.27	4873871.26	329.78	0	DEN	250	48.8	27.1	0.0	0.0	0.0	59.1	0.3	1.6	0.0	0.0	3.3	0.0	0.0	11.6
1946	638787.27	4873871.26	329.78	0	DEN	500	54.2	27.1	0.0	0.0	0.0	59.1	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	16.6
1946	638787.27	4873871.26	329.78	0	DEN	1000	60.4	27.1	0.0	0.0	0.0	59.1	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	22.2
1946	638787.27	4873871.26	329.78	0	DEN	2000	59.6	27.1	0.0	0.0	0.0	59.1	2.5	-1.6	0.0	0.0	7.2	0.0	0.0	19.5
1946	638787.27	4873871.26	329.78	0	DEN	4000	55.4	27.1	0.0	0.0	0.0	59.1	8.4	-1.6	0.0	0.0	7.8	0.0	0.0	8.7
1946	638787.27	4873871.26	329.78	0	DEN	8000	52.3	27.1	0.0	0.0	0.0	59.1	29.9	-1.6	0.0	0.0	8.9	0.0	0.0	-16.9
1952	638836.40	4873883.51	329.20	0	DEN	32	29.0	24.0	0.0	0.0	0.0	57.9	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-9.6
1952	638836.40	4873883.51	329.20	0	DEN	63	37.2	24.0	0.0	0.0	0.0	57.9	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-1.5
1952	638836.40	4873883.51	329.20	0	DEN	125	43.3	24.0	0.0	0.0	0.0	57.9	0.1	1.2	0.0	0.0	3.6	0.0	0.0	4.5
1952	638836.40	4873883.51	329.20	0	DEN	250	48.8	24.0	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.2	0.0	0.0	9.8
1952	638836.40	4873883.51	329.20	0	DEN	500	54.2	24.0	0.0	0.0	0.0	57.9	0.4	-1.1	0.0	0.0	6.1	0.0	0.0	14.9
1952	638836.40	4873883.51	329.20	0	DEN	1000	60.4	24.0	0.0	0.0	0.0	57.9	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	20.4
1952	638836.40	4873883.51	329.20	0	DEN	2000	59.6	24.0	0.0	0.0	0.0	57.9	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	17.8
1952	638836.40	4873883.51	329.20	0	DEN	4000	55.4	24.0	0.0	0.0	0.0	57.9	7.2	-1.4	0.0	0.0	8.2	0.0	0.0	7.6
1952	638836.40	4873883.51	329.20	0	DEN	8000	52.3	24.0	0.0	0.0	0.0	57.9	25.7	-1.4	0.0	0.0	9.6	0.0	0.0	-15.4
1957	638859.49	4873885.26	329.00	0	DEN	32	29.0	21.0	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-11.9
1957	638859.49	4873885.26	329.00	0	DEN	63	37.2	21.0	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-3.8
1957	638859.49	4873885.26	329.00	0	DEN	125	43.3	21.0	0.0	0.0	0.0	57.2	0.1	1.2	0.0	0.0	3.6	0.0	0.0	2.2
1957	638859.49	4873885.26	329.00	0	DEN	250	48.8	21.0	0.0	0.0	0.0	57.2	0.2	1.8	0.0	0.0	3.1	0.0	0.0	7.5
1957	638859.49	4873885.26	329.00	0	DEN	500	54.2	21.0	0.0	0.0	0.0	57.2	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	12.5
1957	638859.49	4873885.26	329.00	0	DEN	1000	60.4	21.0	0.0	0.0	0.0	57.2	0.7	-1.4	0.0	0.0	6.9	0.0	0.0	18.0
1957	638859.49	4873885.26	329.00	0	DEN	2000	59.6	21.0	0.0	0.0	0.0	57.2	2.0	-1.4	0.0	0.0	7.5	0.0	0.0	15.4
1957	638859.49	4873885.26	329.00	0	DEN	4000	55.4	21.0	0.0	0.0	0.0	57.2	6.7	-1.4	0.0	0.0	8.5	0.0	0.0	5.5
1957	638859.49	4873885.26	329.00	0	DEN	8000	52.3	21.0	0.0	0.0	0.0	57.2	23.7	-1.4	0.0	0.0	10.0	0.0	0.0	-16.2
1963	638894.16	4873892.76	328.61	0	DEN	32	29.0	21.0	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-11.1
1963	638894.16	4873892.76	328.61	0	DEN	63	37.2	21.0	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-2.9
1963	638894.16	4873892.76	328.61	0	DEN	125	43.3	21.0	0.0	0.0	0.0	56.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	3.0
1963	638894.16	4873892.76	328.61	0	DEN	250	48.8	21.0	0.0	0.0	0.0	56.3	0.2	1.9	0.0	0.0	3.2	0.0	0.0	8.3
1963	638894.16	4873892.76	328.61	0	DEN	500	54.2	21.0	0.0	0.0	0.0	56.3	0.4	-0.9	0.0	0.0	6.3	0.0	0.0	13.3
1963	638894.16	4873892.76	328.61	0	DEN	1000	60.4	21.0	0.0	0.0	0.0	56.3	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	18.7
1963	638894.16	4873892.76	328.61	0	DEN	2000	59.6	21.0	0.0	0.0	0.0	56.3	1.8	-1.3	0.0	0.0	7.9	0.0	0.0	15.9
1963	638894.16	4873892.76	328.61	0	DEN	4000	55.4	21.0	0.0	0.0	0.0	56.3	6.0	-1.3	0.0	0.0	9.2	0.0	0.0	6.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1963	638894.16	4873892.76	328.61	0	DEN	8000	52.3	21.0	0.0	0.0	0.0	56.3	21.5	-1.3	0.0	0.0	11.0	0.0	0.0	-14.1
1972	638531.82	4873812.74	332.71	1	DEN	4000	55.4	-29.1	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-68.2
1972	638531.82	4873812.74	332.71	1	DEN	8000	52.3	-29.1	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-123.9
1981	638535.09	4873813.65	332.67	1	DEN	4000	55.4	2.0	0.0	0.0	0.0	67.0	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-37.0
1981	638535.09	4873813.65	332.67	1	DEN	8000	52.3	2.0	0.0	0.0	0.0	67.0	73.4	-3.0	0.0	0.0	7.8	0.0	2.0	-92.9
1990	638536.96	4873814.18	332.64	1	DEN	4000	55.4	-6.0	0.0	0.0	0.0	66.9	20.5	-3.1	0.0	0.0	7.9	0.0	2.0	-44.9
1990	638536.96	4873814.18	332.64	1	DEN	8000	52.3	-6.0	0.0	0.0	0.0	66.9	73.3	-3.1	0.0	0.0	8.0	0.0	2.0	-100.8
1999	638957.84	4873790.37	326.47	0	DEN	32	29.0	6.1	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-18.1
1999	638957.84	4873790.37	326.47	0	DEN	63	37.2	6.1	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-10.7
1999	638957.84	4873790.37	326.47	0	DEN	125	43.3	6.1	0.0	0.0	0.0	47.5	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-5.8
1999	638957.84	4873790.37	326.47	0	DEN	250	48.8	6.1	0.0	0.0	0.0	47.5	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-2.1
1999	638957.84	4873790.37	326.47	0	DEN	500	54.2	6.1	0.0	0.0	0.0	47.5	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	1.0
1999	638957.84	4873790.37	326.47	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	47.5	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	4.6
1999	638957.84	4873790.37	326.47	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	47.5	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	0.6
1999	638957.84	4873790.37	326.47	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	47.5	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-8.0
1999	638957.84	4873790.37	326.47	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	47.5	7.8	-1.0	0.0	0.0	21.0	0.0	0.0	-17.0
2006	638960.75	4873778.93	326.36	0	DEN	32	29.0	6.1	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-17.2
2006	638960.75	4873778.93	326.36	0	DEN	63	37.2	6.1	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-9.9
2006	638960.75	4873778.93	326.36	0	DEN	125	43.3	6.1	0.0	0.0	0.0	46.4	0.0	1.0	0.0	0.0	7.2	0.0	0.0	-5.1
2006	638960.75	4873778.93	326.36	0	DEN	250	48.8	6.1	0.0	0.0	0.0	46.4	0.1	1.8	0.0	0.0	8.2	0.0	0.0	-1.5
2006	638960.75	4873778.93	326.36	0	DEN	500	54.2	6.1	0.0	0.0	0.0	46.4	0.1	-0.7	0.0	0.0	13.0	0.0	0.0	1.5
2006	638960.75	4873778.93	326.36	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	46.4	0.2	-1.0	0.0	0.0	15.9	0.0	0.0	5.0
2006	638960.75	4873778.93	326.36	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	46.4	0.6	-1.0	0.0	0.0	18.7	0.0	0.0	1.1
2006	638960.75	4873778.93	326.36	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	46.4	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-6.8
2006	638960.75	4873778.93	326.36	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	46.4	6.9	-1.0	0.0	0.0	21.0	0.0	0.0	-14.9
2015	638963.47	4873768.55	326.28	0	DEN	32	29.0	6.1	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-16.3
2015	638963.47	4873768.55	326.28	0	DEN	63	37.2	6.1	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-9.1
2015	638963.47	4873768.55	326.28	0	DEN	125	43.3	6.1	0.0	0.0	0.0	45.4	0.0	0.8	0.0	0.0	7.7	0.0	0.0	-4.5
2015	638963.47	4873768.55	326.28	0	DEN	250	48.8	6.1	0.0	0.0	0.0	45.4	0.1	1.6	0.0	0.0	8.8	0.0	0.0	-1.0
2015	638963.47	4873768.55	326.28	0	DEN	500	54.2	6.1	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	2.0
2015	638963.47	4873768.55	326.28	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.5	0.0	0.0	5.4
2015	638963.47	4873768.55	326.28	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.3	0.0	0.0	1.5
2015	638963.47	4873768.55	326.28	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-5.6
2015	638963.47	4873768.55	326.28	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	45.4	6.1	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
2023	638965.32	4873760.73	326.15	0	DEN	32	29.0	3.1	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-19.0
2023	638965.32	4873760.73	326.15	0	DEN	63	37.2	3.1	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-11.9
2023	638965.32	4873760.73	326.15	0	DEN	125	43.3	3.1	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-7.4
2023	638965.32	4873760.73	326.15	0	DEN	250	48.8	3.1	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	9.3	0.0	0.0	-4.0
2023	638965.32	4873760.73	326.15	0	DEN	500	54.2	3.1	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-1.1
2023	638965.32	4873760.73	326.15	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	2.3
2023	638965.32	4873760.73	326.15	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-1.6
2023	638965.32	4873760.73	326.15	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-7.9
2023	638965.32	4873760.73	326.15	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-15.1
2030	638968.23	4873749.29	326.03	0	DEN	32	29.0	3.1	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-18.6
2030	638968.23	4873749.29	326.03	0	DEN	63	37.2	3.1	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-11.7
2030	638968.23	4873749.29	326.03	0	DEN	125	43.3	3.1	0.0	0.0	0.0	44.2	0.0	0.6	0.0	0.0	8.9	0.0	0.0	-7.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2030	638968.23	4873749.29	326.03	0	DEN	250	48.8	3.1	0.0	0.0	0.0	44.2	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-4.1
2030	638968.23	4873749.29	326.03	0	DEN	500	54.2	3.1	0.0	0.0	0.0	44.2	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-1.3
2030	638968.23	4873749.29	326.03	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	44.2	0.2	-1.1	0.0	0.0	18.1	0.0	0.0	2.1
2030	638968.23	4873749.29	326.03	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	44.2	0.4	-1.1	0.0	0.0	21.0	0.0	0.0	-1.9
2030	638968.23	4873749.29	326.03	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	44.2	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-7.2
2030	638968.23	4873749.29	326.03	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	44.2	5.3	-1.1	0.0	0.0	21.1	0.0	0.0	-14.1
2038	638953.95	4873807.06	326.79	0	DEN	32	29.0	9.1	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-16.5
2038	638953.95	4873807.06	326.79	0	DEN	63	37.2	9.1	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-8.9
2038	638953.95	4873807.06	326.79	0	DEN	125	43.3	9.1	0.0	0.0	0.0	49.1	0.0	1.3	0.0	0.0	5.8	0.0	0.0	-3.8
2038	638953.95	4873807.06	326.79	0	DEN	250	48.8	9.1	0.0	0.0	0.0	49.1	0.1	2.2	0.0	0.0	6.3	0.0	0.0	0.2
2038	638953.95	4873807.06	326.79	0	DEN	500	54.2	9.1	0.0	0.0	0.0	49.1	0.2	-0.6	0.0	0.0	11.2	0.0	0.0	3.5
2038	638953.95	4873807.06	326.79	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	49.1	0.3	-1.0	0.0	0.0	14.0	0.0	0.0	7.2
2038	638953.95	4873807.06	326.79	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	49.1	0.8	-1.0	0.0	0.0	16.7	0.0	0.0	3.2
2038	638953.95	4873807.06	326.79	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	49.1	2.6	-1.0	0.0	0.0	19.5	0.0	0.0	-5.7
2038	638953.95	4873807.06	326.79	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	49.1	9.4	-1.0	0.0	0.0	21.0	0.0	0.0	-17.1
2045	638957.26	4873793.52	326.59	0	DEN	32	29.0	9.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-15.4
2045	638957.26	4873793.52	326.59	0	DEN	63	37.2	9.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-7.9
2045	638957.26	4873793.52	326.59	0	DEN	125	43.3	9.1	0.0	0.0	0.0	47.8	0.0	1.2	0.0	0.0	6.3	0.0	0.0	-3.0
2045	638957.26	4873793.52	326.59	0	DEN	250	48.8	9.1	0.0	0.0	0.0	47.8	0.1	2.1	0.0	0.0	7.1	0.0	0.0	0.8
2045	638957.26	4873793.52	326.59	0	DEN	500	54.2	9.1	0.0	0.0	0.0	47.8	0.1	-0.6	0.0	0.0	12.0	0.0	0.0	4.0
2045	638957.26	4873793.52	326.59	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	14.9	0.0	0.0	7.6
2045	638957.26	4873793.52	326.59	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	17.6	0.0	0.0	3.6
2045	638957.26	4873793.52	326.59	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	20.5	0.0	0.0	-5.0
2045	638957.26	4873793.52	326.59	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	47.8	8.1	-1.0	0.0	0.0	21.0	0.0	0.0	-14.5
2053	638949.39	4873825.26	327.00	0	DEN	32	29.0	12.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-14.9
2053	638949.39	4873825.26	327.00	0	DEN	63	37.2	12.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-7.1
2053	638949.39	4873825.26	327.00	0	DEN	125	43.3	12.2	0.0	0.0	0.0	50.7	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-1.8
2053	638949.39	4873825.26	327.00	0	DEN	250	48.8	12.2	0.0	0.0	0.0	50.7	0.1	2.0	0.0	0.0	5.8	0.0	0.0	2.3
2053	638949.39	4873825.26	327.00	0	DEN	500	54.2	12.2	0.0	0.0	0.0	50.7	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	5.9
2053	638949.39	4873825.26	327.00	0	DEN	1000	60.4	12.2	0.0	0.0	0.0	50.7	0.4	-1.2	0.0	0.0	12.9	0.0	0.0	9.7
2053	638949.39	4873825.26	327.00	0	DEN	2000	59.6	12.2	0.0	0.0	0.0	50.7	0.9	-1.2	0.0	0.0	15.5	0.0	0.0	5.8
2053	638949.39	4873825.26	327.00	0	DEN	4000	55.4	12.2	0.0	0.0	0.0	50.7	3.2	-1.2	0.0	0.0	18.3	0.0	0.0	-3.4
2053	638949.39	4873825.26	327.00	0	DEN	8000	52.3	12.2	0.0	0.0	0.0	50.7	11.3	-1.2	0.0	0.0	21.2	0.0	0.0	-17.5
2061	638945.31	4873843.00	327.35	0	DEN	32	29.0	9.1	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-19.1
2061	638945.31	4873843.00	327.35	0	DEN	63	37.2	9.1	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-11.2
2061	638945.31	4873843.00	327.35	0	DEN	125	43.3	9.1	0.0	0.0	0.0	52.1	0.0	1.3	0.0	0.0	4.8	0.0	0.0	-5.7
2061	638945.31	4873843.00	327.35	0	DEN	250	48.8	9.1	0.0	0.0	0.0	52.1	0.1	1.9	0.0	0.0	5.2	0.0	0.0	-1.3
2061	638945.31	4873843.00	327.35	0	DEN	500	54.2	9.1	0.0	0.0	0.0	52.1	0.2	-0.8	0.0	0.0	9.4	0.0	0.0	2.5
2061	638945.31	4873843.00	327.35	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	52.1	0.4	-1.2	0.0	0.0	11.8	0.0	0.0	6.5
2061	638945.31	4873843.00	327.35	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	52.1	1.1	-1.2	0.0	0.0	14.2	0.0	0.0	2.6
2061	638945.31	4873843.00	327.35	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	52.1	3.7	-1.2	0.0	0.0	16.9	0.0	0.0	-6.9
2061	638945.31	4873843.00	327.35	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	52.1	13.2	-1.2	0.0	0.0	19.7	0.0	0.0	-22.3
2069	638938.70	4873870.08	327.74	0	DEN	32	29.0	9.1	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-20.7
2069	638938.70	4873870.08	327.74	0	DEN	63	37.2	9.1	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-12.8
2069	638938.70	4873870.08	327.74	0	DEN	125	43.3	9.1	0.0	0.0	0.0	53.9	0.1	1.3	0.0	0.0	4.3	0.0	0.0	-7.1
2069	638938.70	4873870.08	327.74	0	DEN	250	48.8	9.1	0.0	0.0	0.0	53.9	0.1	1.9	0.0	0.0	4.4	0.0	0.0	-2.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2069	638938.70	4873870.08	327.74	0	DEN	500	54.2	9.1	0.0	0.0	0.0	53.9	0.3	-0.9	0.0	0.0	8.4	0.0	0.0	1.7
2069	638938.70	4873870.08	327.74	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	53.9	0.5	-1.2	0.0	0.0	10.4	0.0	0.0	6.0
2069	638938.70	4873870.08	327.74	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	53.9	1.3	-1.3	0.0	0.0	12.6	0.0	0.0	2.2
2069	638938.70	4873870.08	327.74	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	53.9	4.6	-1.3	0.0	0.0	15.1	0.0	0.0	-7.7
2069	638938.70	4873870.08	327.74	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	53.9	16.2	-1.3	0.0	0.0	17.8	0.0	0.0	-25.2
2078	638971.83	4873732.02	325.53	0	DEN	32	29.0	9.1	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-13.1
2078	638971.83	4873732.02	325.53	0	DEN	63	37.2	9.1	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-6.3
2078	638971.83	4873732.02	325.53	0	DEN	125	43.3	9.1	0.0	0.0	0.0	44.4	0.0	0.9	0.0	0.0	9.1	0.0	0.0	-2.1
2078	638971.83	4873732.02	325.53	0	DEN	250	48.8	9.1	0.0	0.0	0.0	44.4	0.0	1.7	0.0	0.0	10.6	0.0	0.0	1.1
2078	638971.83	4873732.02	325.53	0	DEN	500	54.2	9.1	0.0	0.0	0.0	44.4	0.1	-0.6	0.0	0.0	15.5	0.0	0.0	3.9
2078	638971.83	4873732.02	325.53	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	44.4	0.2	-0.9	0.0	0.0	18.7	0.0	0.0	7.2
2078	638971.83	4873732.02	325.53	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	44.4	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	3.8
2078	638971.83	4873732.02	325.53	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	44.4	1.5	-0.9	0.0	0.0	20.9	0.0	0.0	-1.5
2078	638971.83	4873732.02	325.53	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	44.4	5.5	-0.9	0.0	0.0	20.9	0.0	0.0	-8.5
2086	638973.38	4873723.61	325.21	0	DEN	32	29.0	9.1	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-13.5
2086	638973.38	4873723.61	325.21	0	DEN	63	37.2	9.1	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-6.7
2086	638973.38	4873723.61	325.21	0	DEN	125	43.3	9.1	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-2.4
2086	638973.38	4873723.61	325.21	0	DEN	250	48.8	9.1	0.0	0.0	0.0	45.0	0.1	1.5	0.0	0.0	10.5	0.0	0.0	0.8
2086	638973.38	4873723.61	325.21	0	DEN	500	54.2	9.1	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.3	0.0	0.0	3.6
2086	638973.38	4873723.61	325.21	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.4	0.0	0.0	6.9
2086	638973.38	4873723.61	325.21	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	3.2
2086	638973.38	4873723.61	325.21	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-2.1
2086	638973.38	4873723.61	325.21	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-9.4
2092	638967.99	4873747.36	325.72	0	DEN	32	29.0	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-12.8
2092	638967.99	4873747.36	325.72	0	DEN	63	37.2	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-5.9
2092	638967.99	4873747.36	325.72	0	DEN	125	43.3	9.1	0.0	0.0	0.0	44.3	0.0	0.6	0.0	0.0	9.1	0.0	0.0	-1.6
2092	638967.99	4873747.36	325.72	0	DEN	250	48.8	9.1	0.0	0.0	0.0	44.3	0.0	1.4	0.0	0.0	10.6	0.0	0.0	1.6
2092	638967.99	4873747.36	325.72	0	DEN	500	54.2	9.1	0.0	0.0	0.0	44.3	0.1	-0.8	0.0	0.0	15.4	0.0	0.0	4.4
2092	638967.99	4873747.36	325.72	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	44.3	0.2	-1.1	0.0	0.0	18.4	0.0	0.0	7.7
2092	638967.99	4873747.36	325.72	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	44.3	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	4.0
2092	638967.99	4873747.36	325.72	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	44.3	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-1.3
2092	638967.99	4873747.36	325.72	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	44.3	5.4	-1.1	0.0	0.0	21.1	0.0	0.0	-8.3
2099	638969.83	4873739.54	325.58	0	DEN	32	29.0	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-13.0
2099	638969.83	4873739.54	325.58	0	DEN	63	37.2	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-6.1
2099	638969.83	4873739.54	325.58	0	DEN	125	43.3	9.1	0.0	0.0	0.0	44.3	0.0	0.8	0.0	0.0	9.3	0.0	0.0	-1.9
2099	638969.83	4873739.54	325.58	0	DEN	250	48.8	9.1	0.0	0.0	0.0	44.3	0.0	1.6	0.0	0.0	10.8	0.0	0.0	1.2
2099	638969.83	4873739.54	325.58	0	DEN	500	54.2	9.1	0.0	0.0	0.0	44.3	0.1	-0.7	0.0	0.0	15.7	0.0	0.0	4.0
2099	638969.83	4873739.54	325.58	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	44.3	0.2	-1.0	0.0	0.0	18.8	0.0	0.0	7.3
2099	638969.83	4873739.54	325.58	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	44.3	0.4	-1.0	0.0	0.0	21.0	0.0	0.0	4.0
2099	638969.83	4873739.54	325.58	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	44.3	1.5	-1.0	0.0	0.0	21.0	0.0	0.0	-1.2
2099	638969.83	4873739.54	325.58	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	44.3	5.4	-1.0	0.0	0.0	21.0	0.0	0.0	-8.2
2106	638967.75	4873749.76	325.89	0	DEN	32	29.0	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-12.7
2106	638967.75	4873749.76	325.89	0	DEN	63	37.2	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-5.8
2106	638967.75	4873749.76	325.89	0	DEN	125	43.3	9.1	0.0	0.0	0.0	44.3	0.0	0.6	0.0	0.0	9.0	0.0	0.0	-1.5
2106	638967.75	4873749.76	325.89	0	DEN	250	48.8	9.1	0.0	0.0	0.0	44.3	0.0	1.4	0.0	0.0	10.4	0.0	0.0	1.8
2106	638967.75	4873749.76	325.89	0	DEN	500	54.2	9.1	0.0	0.0	0.0	44.3	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	4.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2106	638967.75	4873749.76	325.89	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	44.3	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	7.9
2106	638967.75	4873749.76	325.89	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	44.3	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	4.0
2106	638967.75	4873749.76	325.89	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	44.3	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-1.3
2106	638967.75	4873749.76	325.89	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	44.3	5.4	-1.1	0.0	0.0	21.1	0.0	0.0	-8.2
2112	638964.83	4873761.19	326.00	0	DEN	32	29.0	9.1	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-13.1
2112	638964.83	4873761.19	326.00	0	DEN	63	37.2	9.1	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-6.0
2112	638964.83	4873761.19	326.00	0	DEN	125	43.3	9.1	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-1.5
2112	638964.83	4873761.19	326.00	0	DEN	250	48.8	9.1	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	9.4	0.0	0.0	1.9
2112	638964.83	4873761.19	326.00	0	DEN	500	54.2	9.1	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	4.8
2112	638964.83	4873761.19	326.00	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	8.2
2112	638964.83	4873761.19	326.00	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	4.2
2112	638964.83	4873761.19	326.00	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-2.0
2112	638964.83	4873761.19	326.00	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-9.3
2119	638962.31	4873770.53	326.04	0	DEN	32	29.0	9.1	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-13.6
2119	638962.31	4873770.53	326.04	0	DEN	63	37.2	9.1	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-6.5
2119	638962.31	4873770.53	326.04	0	DEN	125	43.3	9.1	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	7.7	0.0	0.0	-1.9
2119	638962.31	4873770.53	326.04	0	DEN	250	48.8	9.1	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	8.9	0.0	0.0	1.6
2119	638962.31	4873770.53	326.04	0	DEN	500	54.2	9.1	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	4.6
2119	638962.31	4873770.53	326.04	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	8.0
2119	638962.31	4873770.53	326.04	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	19.5	0.0	0.0	4.1
2119	638962.31	4873770.53	326.04	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-2.9
2119	638962.31	4873770.53	326.04	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-10.6
2126	638960.07	4873780.45	326.26	0	DEN	32	29.0	6.1	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-17.4
2126	638960.07	4873780.45	326.26	0	DEN	63	37.2	6.1	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-10.1
2126	638960.07	4873780.45	326.26	0	DEN	125	43.3	6.1	0.0	0.0	0.0	46.6	0.0	1.1	0.0	0.0	7.1	0.0	0.0	-5.3
2126	638960.07	4873780.45	326.26	0	DEN	250	48.8	6.1	0.0	0.0	0.0	46.6	0.1	2.0	0.0	0.0	8.1	0.0	0.0	-1.7
2126	638960.07	4873780.45	326.26	0	DEN	500	54.2	6.1	0.0	0.0	0.0	46.6	0.1	-0.6	0.0	0.0	12.9	0.0	0.0	1.3
2126	638960.07	4873780.45	326.26	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	46.6	0.2	-1.0	0.0	0.0	15.9	0.0	0.0	4.8
2126	638960.07	4873780.45	326.26	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	46.6	0.6	-1.0	0.0	0.0	18.7	0.0	0.0	0.8
2126	638960.07	4873780.45	326.26	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	46.6	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-7.0
2126	638960.07	4873780.45	326.26	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	46.6	7.0	-1.0	0.0	0.0	21.0	0.0	0.0	-15.2
2133	638957.16	4873791.89	326.37	0	DEN	32	29.0	6.1	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-18.3
2133	638957.16	4873791.89	326.37	0	DEN	63	37.2	6.1	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-10.9
2133	638957.16	4873791.89	326.37	0	DEN	125	43.3	6.1	0.0	0.0	0.0	47.7	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-6.0
2133	638957.16	4873791.89	326.37	0	DEN	250	48.8	6.1	0.0	0.0	0.0	47.7	0.1	2.2	0.0	0.0	7.3	0.0	0.0	-2.3
2133	638957.16	4873791.89	326.37	0	DEN	500	54.2	6.1	0.0	0.0	0.0	47.7	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	0.8
2133	638957.16	4873791.89	326.37	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	47.7	0.3	-1.0	0.0	0.0	15.2	0.0	0.0	4.4
2133	638957.16	4873791.89	326.37	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	47.7	0.7	-1.0	0.0	0.0	17.9	0.0	0.0	0.4
2133	638957.16	4873791.89	326.37	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	47.7	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-8.3
2133	638957.16	4873791.89	326.37	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	47.7	8.0	-1.0	0.0	0.0	21.0	0.0	0.0	-17.3
2139	638932.81	4873894.67	328.14	1	DEN	1000	60.4	-8.1	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-15.3
2139	638932.81	4873894.67	328.14	1	DEN	2000	59.6	-8.1	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-19.4
2139	638932.81	4873894.67	328.14	1	DEN	4000	55.4	-8.1	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-30.4
2139	638932.81	4873894.67	328.14	1	DEN	8000	52.3	-8.1	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-51.5
2608	638967.74	4873738.94	325.48	0	DEN	32	29.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-19.5
2608	638967.74	4873738.94	325.48	0	DEN	63	37.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-12.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2608	638967.74	4873738.94	325.48	0	DEN	125	43.3	2.8	0.0	0.0	0.0	44.7	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-8.3
2608	638967.74	4873738.94	325.48	0	DEN	250	48.8	2.8	0.0	0.0	0.0	44.7	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-5.0
2608	638967.74	4873738.94	325.48	0	DEN	500	54.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-2.2
2608	638967.74	4873738.94	325.48	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	1.1
2608	638967.74	4873738.94	325.48	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-2.8
2608	638967.74	4873738.94	325.48	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.1
2608	638967.74	4873738.94	325.48	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	44.7	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.2
2616	638965.13	4873749.81	325.67	0	DEN	32	29.0	-0.2	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.4
2616	638965.13	4873749.81	325.67	0	DEN	63	37.2	-0.2	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-15.4
2616	638965.13	4873749.81	325.67	0	DEN	125	43.3	-0.2	0.0	0.0	0.0	44.8	0.0	0.6	0.0	0.0	8.6	0.0	0.0	-11.0
2616	638965.13	4873749.81	325.67	0	DEN	250	48.8	-0.2	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	10.0	0.0	0.0	-7.6
2616	638965.13	4873749.81	325.67	0	DEN	500	54.2	-0.2	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.7	0.0	0.0	-4.8
2616	638965.13	4873749.81	325.67	0	DEN	1000	60.4	-0.2	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.7	0.0	0.0	-1.4
2616	638965.13	4873749.81	325.67	0	DEN	2000	59.6	-0.2	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.6	0.0	0.0	-5.4
2616	638965.13	4873749.81	325.67	0	DEN	4000	55.4	-0.2	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.2
2616	638965.13	4873749.81	325.67	0	DEN	8000	52.3	-0.2	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-18.4
2624	638963.14	4873758.45	325.82	0	DEN	32	29.0	-0.2	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-22.6
2624	638963.14	4873758.45	325.82	0	DEN	63	37.2	-0.2	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-15.5
2624	638963.14	4873758.45	325.82	0	DEN	125	43.3	-0.2	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-10.9
2624	638963.14	4873758.45	325.82	0	DEN	250	48.8	-0.2	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-7.5
2624	638963.14	4873758.45	325.82	0	DEN	500	54.2	-0.2	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-4.6
2624	638963.14	4873758.45	325.82	0	DEN	1000	60.4	-0.2	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	-1.2
2624	638963.14	4873758.45	325.82	0	DEN	2000	59.6	-0.2	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	19.8	0.0	0.0	-5.1
2624	638963.14	4873758.45	325.82	0	DEN	4000	55.4	-0.2	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-11.7
2624	638963.14	4873758.45	325.82	0	DEN	8000	52.3	-0.2	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-19.0
2631	638970.93	4873724.93	325.24	0	DEN	32	29.0	2.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-19.9
2631	638970.93	4873724.93	325.24	0	DEN	63	37.2	2.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-12.9
2631	638970.93	4873724.93	325.24	0	DEN	125	43.3	2.8	0.0	0.0	0.0	45.2	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-8.5
2631	638970.93	4873724.93	325.24	0	DEN	250	48.8	2.8	0.0	0.0	0.0	45.2	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-5.2
2631	638970.93	4873724.93	325.24	0	DEN	500	54.2	2.8	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	14.8	0.0	0.0	-2.4
2631	638970.93	4873724.93	325.24	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.8	0.0	0.0	0.9
2631	638970.93	4873724.93	325.24	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	20.7	0.0	0.0	-3.0
2631	638970.93	4873724.93	325.24	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-8.7
2631	638970.93	4873724.93	325.24	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-16.2
2639	638968.93	4873733.57	325.39	0	DEN	32	29.0	2.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-19.7
2639	638968.93	4873733.57	325.39	0	DEN	63	37.2	2.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-12.7
2639	638968.93	4873733.57	325.39	0	DEN	125	43.3	2.8	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.8	0.0	0.0	-8.4
2639	638968.93	4873733.57	325.39	0	DEN	250	48.8	2.8	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	10.2	0.0	0.0	-5.2
2639	638968.93	4873733.57	325.39	0	DEN	500	54.2	2.8	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	15.1	0.0	0.0	-2.4
2639	638968.93	4873733.57	325.39	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	0.9
2639	638968.93	4873733.57	325.39	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-2.9
2639	638968.93	4873733.57	325.39	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.2
2639	638968.93	4873733.57	325.39	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-15.5
2645	638972.64	4873717.86	325.12	0	DEN	32	29.0	2.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-20.2
2645	638972.64	4873717.86	325.12	0	DEN	63	37.2	2.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-13.2
2645	638972.64	4873717.86	325.12	0	DEN	125	43.3	2.8	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.2	0.0	0.0	-8.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2645	638972.64	4873717.86	325.12	0	DEN	250	48.8	2.8	0.0	0.0	0.0	45.7	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-5.4
2645	638972.64	4873717.86	325.12	0	DEN	500	54.2	2.8	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.4	0.0	0.0	-2.5
2645	638972.64	4873717.86	325.12	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	0.9
2645	638972.64	4873717.86	325.12	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	45.7	0.5	-1.0	0.0	0.0	20.3	0.0	0.0	-3.1
2645	638972.64	4873717.86	325.12	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	45.7	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-9.3
2645	638972.64	4873717.86	325.12	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	45.7	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-17.0
2652	638974.83	4873708.17	324.95	0	DEN	32	29.0	2.8	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-20.9
2652	638974.83	4873708.17	324.95	0	DEN	63	37.2	2.8	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-13.7
2652	638974.83	4873708.17	324.95	0	DEN	125	43.3	2.8	0.0	0.0	0.0	46.5	0.0	1.1	0.0	0.0	7.5	0.0	0.0	-9.1
2652	638974.83	4873708.17	324.95	0	DEN	250	48.8	2.8	0.0	0.0	0.0	46.5	0.1	2.1	0.0	0.0	8.7	0.0	0.0	-5.7
2652	638974.83	4873708.17	324.95	0	DEN	500	54.2	2.8	0.0	0.0	0.0	46.5	0.1	-0.6	0.0	0.0	13.7	0.0	0.0	-2.8
2652	638974.83	4873708.17	324.95	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	46.5	0.2	-0.9	0.0	0.0	16.7	0.0	0.0	0.6
2652	638974.83	4873708.17	324.95	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	46.5	0.6	-0.9	0.0	0.0	19.6	0.0	0.0	-3.4
2652	638974.83	4873708.17	324.95	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	46.5	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-10.3
2652	638974.83	4873708.17	324.95	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	46.5	7.0	-0.9	0.0	0.0	20.9	0.0	0.0	-18.4
2661	638976.12	4873702.27	324.85	0	DEN	32	29.0	2.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-21.4
2661	638976.12	4873702.27	324.85	0	DEN	63	37.2	2.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-14.2
2661	638976.12	4873702.27	324.85	0	DEN	125	43.3	2.8	0.0	0.0	0.0	47.0	0.0	1.3	0.0	0.0	7.4	0.0	0.0	-9.6
2661	638976.12	4873702.27	324.85	0	DEN	250	48.8	2.8	0.0	0.0	0.0	47.0	0.1	2.2	0.0	0.0	8.4	0.0	0.0	-6.2
2661	638976.12	4873702.27	324.85	0	DEN	500	54.2	2.8	0.0	0.0	0.0	47.0	0.1	-0.5	0.0	0.0	13.6	0.0	0.0	-3.3
2661	638976.12	4873702.27	324.85	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	47.0	0.2	-0.9	0.0	0.0	16.6	0.0	0.0	0.2
2661	638976.12	4873702.27	324.85	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	47.0	0.6	-0.9	0.0	0.0	19.5	0.0	0.0	-3.9
2661	638976.12	4873702.27	324.85	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	47.0	2.1	-0.9	0.0	0.0	20.9	0.0	0.0	-11.0
2661	638976.12	4873702.27	324.85	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	47.0	7.4	-0.9	0.0	0.0	20.9	0.0	0.0	-19.4
2669	638980.12	4873684.99	324.55	0	DEN	32	29.0	2.8	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-22.9
2669	638980.12	4873684.99	324.55	0	DEN	63	37.2	2.8	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-15.6
2669	638980.12	4873684.99	324.55	0	DEN	125	43.3	2.8	0.0	0.0	0.0	48.6	0.0	1.4	0.0	0.0	7.0	0.0	0.0	-11.0
2669	638980.12	4873684.99	324.55	0	DEN	250	48.8	2.8	0.0	0.0	0.0	48.6	0.1	2.4	0.0	0.0	7.9	0.0	0.0	-7.5
2669	638980.12	4873684.99	324.55	0	DEN	500	54.2	2.8	0.0	0.0	0.0	48.6	0.1	-0.5	0.0	0.0	13.2	0.0	0.0	-4.5
2669	638980.12	4873684.99	324.55	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	48.6	0.3	-0.9	0.0	0.0	16.3	0.0	0.0	-1.1
2669	638980.12	4873684.99	324.55	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	48.6	0.7	-1.0	0.0	0.0	19.1	0.0	0.0	-5.1
2669	638980.12	4873684.99	324.55	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	48.6	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-13.0
2669	638980.12	4873684.99	324.55	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	48.6	8.9	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
2678	638959.88	4873773.91	326.08	0	DEN	32	29.0	5.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-17.4
2678	638959.88	4873773.91	326.08	0	DEN	63	37.2	5.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-10.1
2678	638959.88	4873773.91	326.08	0	DEN	125	43.3	5.8	0.0	0.0	0.0	46.2	0.0	0.9	0.0	0.0	7.3	0.0	0.0	-5.3
2678	638959.88	4873773.91	326.08	0	DEN	250	48.8	5.8	0.0	0.0	0.0	46.2	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-1.8
2678	638959.88	4873773.91	326.08	0	DEN	500	54.2	5.8	0.0	0.0	0.0	46.2	0.1	-0.7	0.0	0.0	13.1	0.0	0.0	1.3
2678	638959.88	4873773.91	326.08	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	46.2	0.2	-1.1	0.0	0.0	16.0	0.0	0.0	4.8
2678	638959.88	4873773.91	326.08	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	46.2	0.6	-1.1	0.0	0.0	18.8	0.0	0.0	0.8
2678	638959.88	4873773.91	326.08	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	46.2	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-7.0
2678	638959.88	4873773.91	326.08	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	46.2	6.7	-1.1	0.0	0.0	21.1	0.0	0.0	-14.9
2684	638962.07	4873764.22	325.91	0	DEN	32	29.0	5.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-16.8
2684	638962.07	4873764.22	325.91	0	DEN	63	37.2	5.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-9.6
2684	638962.07	4873764.22	325.91	0	DEN	125	43.3	5.8	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-5.0
2684	638962.07	4873764.22	325.91	0	DEN	250	48.8	5.8	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-1.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2684	638962.07	4873764.22	325.91	0	DEN	500	54.2	5.8	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	13.6	0.0	0.0	1.4
2684	638962.07	4873764.22	325.91	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	16.6	0.0	0.0	4.9
2684	638962.07	4873764.22	325.91	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.5	0.0	0.0	0.9
2684	638962.07	4873764.22	325.91	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-6.0
2684	638962.07	4873764.22	325.91	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-13.6
2691	638963.55	4873757.28	325.79	0	DEN	32	29.0	5.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-16.5
2691	638963.55	4873757.28	325.79	0	DEN	63	37.2	5.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-9.4
2691	638963.55	4873757.28	325.79	0	DEN	125	43.3	5.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-4.9
2691	638963.55	4873757.28	325.79	0	DEN	250	48.8	5.8	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.3	0.0	0.0	-1.5
2691	638963.55	4873757.28	325.79	0	DEN	500	54.2	5.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	1.4
2691	638963.55	4873757.28	325.79	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	4.8
2691	638963.55	4873757.28	325.79	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	0.8
2691	638963.55	4873757.28	325.79	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	45.0	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-5.5
2691	638963.55	4873757.28	325.79	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-12.9
2698	638966.06	4873746.94	325.61	0	DEN	32	29.0	2.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-19.4
2698	638966.06	4873746.94	325.61	0	DEN	63	37.2	2.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-12.4
2698	638966.06	4873746.94	325.61	0	DEN	125	43.3	2.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.8	0.0	0.0	-8.0
2698	638966.06	4873746.94	325.61	0	DEN	250	48.8	2.8	0.0	0.0	0.0	44.6	0.1	1.4	0.0	0.0	10.2	0.0	0.0	-4.7
2698	638966.06	4873746.94	325.61	0	DEN	500	54.2	2.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	14.9	0.0	0.0	-1.9
2698	638966.06	4873746.94	325.61	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	1.5
2698	638966.06	4873746.94	325.61	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-2.5
2698	638966.06	4873746.94	325.61	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-8.1
2698	638966.06	4873746.94	325.61	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-15.2
2705	638968.26	4873737.24	325.45	0	DEN	32	29.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-19.5
2705	638968.26	4873737.24	325.45	0	DEN	63	37.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-12.6
2705	638968.26	4873737.24	325.45	0	DEN	125	43.3	2.8	0.0	0.0	0.0	44.7	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-8.3
2705	638968.26	4873737.24	325.45	0	DEN	250	48.8	2.8	0.0	0.0	0.0	44.7	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-5.1
2705	638968.26	4873737.24	325.45	0	DEN	500	54.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-2.3
2705	638968.26	4873737.24	325.45	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	1.0
2705	638968.26	4873737.24	325.45	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-2.8
2705	638968.26	4873737.24	325.45	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.1
2705	638968.26	4873737.24	325.45	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	44.7	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.3
2714	638958.36	4873779.93	326.18	0	DEN	32	29.0	5.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-17.8
2714	638958.36	4873779.93	326.18	0	DEN	63	37.2	5.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-10.5
2714	638958.36	4873779.93	326.18	0	DEN	125	43.3	5.8	0.0	0.0	0.0	46.8	0.0	0.9	0.0	0.0	7.0	0.0	0.0	-5.7
2714	638958.36	4873779.93	326.18	0	DEN	250	48.8	5.8	0.0	0.0	0.0	46.8	0.1	1.8	0.0	0.0	7.9	0.0	0.0	-2.0
2714	638958.36	4873779.93	326.18	0	DEN	500	54.2	5.8	0.0	0.0	0.0	46.8	0.1	-0.7	0.0	0.0	12.7	0.0	0.0	1.1
2714	638958.36	4873779.93	326.18	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	46.8	0.2	-1.1	0.0	0.0	15.6	0.0	0.0	4.6
2714	638958.36	4873779.93	326.18	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	46.8	0.6	-1.1	0.0	0.0	18.4	0.0	0.0	0.7
2714	638958.36	4873779.93	326.18	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	46.8	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	-7.6
2714	638958.36	4873779.93	326.18	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	46.8	7.2	-1.1	0.0	0.0	21.1	0.0	0.0	-15.9
2721	638955.98	4873790.67	326.36	0	DEN	32	29.0	5.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-18.6
2721	638955.98	4873790.67	326.36	0	DEN	63	37.2	5.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-11.2
2721	638955.98	4873790.67	326.36	0	DEN	125	43.3	5.8	0.0	0.0	0.0	47.8	0.0	1.2	0.0	0.0	6.3	0.0	0.0	-6.3
2721	638955.98	4873790.67	326.36	0	DEN	250	48.8	5.8	0.0	0.0	0.0	47.8	0.1	2.1	0.0	0.0	7.1	0.0	0.0	-2.5
2721	638955.98	4873790.67	326.36	0	DEN	500	54.2	5.8	0.0	0.0	0.0	47.8	0.1	-0.6	0.0	0.0	12.0	0.0	0.0	0.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2721	638955.98	4873790.67	326.36	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	14.9	0.0	0.0	4.3
2721	638955.98	4873790.67	326.36	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	17.6	0.0	0.0	0.3
2721	638955.98	4873790.67	326.36	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	20.5	0.0	0.0	-8.3
2721	638955.98	4873790.67	326.36	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	47.8	8.0	-1.0	0.0	0.0	21.0	0.0	0.0	-17.7
2727	638954.40	4873798.14	326.49	0	DEN	32	29.0	5.8	0.0	0.0	0.0	48.4	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-19.2
2727	638954.40	4873798.14	326.49	0	DEN	63	37.2	5.8	0.0	0.0	0.0	48.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-11.7
2727	638954.40	4873798.14	326.49	0	DEN	125	43.3	5.8	0.0	0.0	0.0	48.4	0.0	1.1	0.0	0.0	6.1	0.0	0.0	-6.7
2727	638954.40	4873798.14	326.49	0	DEN	250	48.8	5.8	0.0	0.0	0.0	48.4	0.1	2.1	0.0	0.0	6.8	0.0	0.0	-2.8
2727	638954.40	4873798.14	326.49	0	DEN	500	54.2	5.8	0.0	0.0	0.0	48.4	0.1	-0.7	0.0	0.0	11.6	0.0	0.0	0.4
2727	638954.40	4873798.14	326.49	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	48.4	0.3	-1.1	0.0	0.0	14.5	0.0	0.0	4.1
2727	638954.40	4873798.14	326.49	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	48.4	0.7	-1.1	0.0	0.0	17.2	0.0	0.0	0.1
2727	638954.40	4873798.14	326.49	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	48.4	2.4	-1.1	0.0	0.0	20.0	0.0	0.0	-8.7
2727	638954.40	4873798.14	326.49	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	48.4	8.7	-1.1	0.0	0.0	21.1	0.0	0.0	-19.1
2735	638950.40	4873815.43	326.79	0	DEN	32	29.0	5.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-20.6
2735	638950.40	4873815.43	326.79	0	DEN	63	37.2	5.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-12.9
2735	638950.40	4873815.43	326.79	0	DEN	125	43.3	5.8	0.0	0.0	0.0	50.0	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-7.7
2735	638950.40	4873815.43	326.79	0	DEN	250	48.8	5.8	0.0	0.0	0.0	50.0	0.1	2.2	0.0	0.0	5.9	0.0	0.0	-3.6
2735	638950.40	4873815.43	326.79	0	DEN	500	54.2	5.8	0.0	0.0	0.0	50.0	0.2	-0.7	0.0	0.0	10.6	0.0	0.0	-0.1
2735	638950.40	4873815.43	326.79	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	50.0	0.3	-1.1	0.0	0.0	13.3	0.0	0.0	3.6
2735	638950.40	4873815.43	326.79	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	50.0	0.9	-1.1	0.0	0.0	15.9	0.0	0.0	-0.3
2735	638950.40	4873815.43	326.79	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	50.0	2.9	-1.1	0.0	0.0	18.7	0.0	0.0	-9.3
2735	638950.40	4873815.43	326.79	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	50.0	10.4	-1.1	0.0	0.0	21.1	0.0	0.0	-22.3
2743	638949.82	4873818.57	326.84	0	DEN	32	29.0	2.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-23.8
2743	638949.82	4873818.57	326.84	0	DEN	63	37.2	2.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-16.1
2743	638949.82	4873818.57	326.84	0	DEN	125	43.3	2.8	0.0	0.0	0.0	50.2	0.0	1.3	0.0	0.0	5.3	0.0	0.0	-10.9
2743	638949.82	4873818.57	326.84	0	DEN	250	48.8	2.8	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	5.8	0.0	0.0	-6.7
2743	638949.82	4873818.57	326.84	0	DEN	500	54.2	2.8	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-3.2
2743	638949.82	4873818.57	326.84	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	13.1	0.0	0.0	0.5
2743	638949.82	4873818.57	326.84	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	15.7	0.0	0.0	-3.4
2743	638949.82	4873818.57	326.84	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	18.5	0.0	0.0	-12.5
2743	638949.82	4873818.57	326.84	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	50.2	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-25.8
2750	638953.82	4873801.29	326.54	0	DEN	32	29.0	2.8	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-22.5
2750	638953.82	4873801.29	326.54	0	DEN	63	37.2	2.8	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-14.9
2750	638953.82	4873801.29	326.54	0	DEN	125	43.3	2.8	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	6.0	0.0	0.0	-9.9
2750	638953.82	4873801.29	326.54	0	DEN	250	48.8	2.8	0.0	0.0	0.0	48.7	0.1	2.1	0.0	0.0	6.6	0.0	0.0	-6.0
2750	638953.82	4873801.29	326.54	0	DEN	500	54.2	2.8	0.0	0.0	0.0	48.7	0.1	-0.7	0.0	0.0	11.5	0.0	0.0	-2.7
2750	638953.82	4873801.29	326.54	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	48.7	0.3	-1.1	0.0	0.0	14.3	0.0	0.0	0.9
2750	638953.82	4873801.29	326.54	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	48.7	0.7	-1.1	0.0	0.0	17.0	0.0	0.0	-3.0
2750	638953.82	4873801.29	326.54	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	48.7	2.5	-1.1	0.0	0.0	19.8	0.0	0.0	-11.8
2750	638953.82	4873801.29	326.54	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	48.7	9.0	-1.1	0.0	0.0	21.1	0.0	0.0	-22.6
2759	638947.44	4873829.32	327.02	0	DEN	32	29.0	5.8	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-21.6
2759	638947.44	4873829.32	327.02	0	DEN	63	37.2	5.8	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-13.8
2759	638947.44	4873829.32	327.02	0	DEN	125	43.3	5.8	0.0	0.0	0.0	51.1	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-8.4
2759	638947.44	4873829.32	327.02	0	DEN	250	48.8	5.8	0.0	0.0	0.0	51.1	0.1	1.8	0.0	0.0	5.7	0.0	0.0	-4.2
2759	638947.44	4873829.32	327.02	0	DEN	500	54.2	5.8	0.0	0.0	0.0	51.1	0.2	-0.9	0.0	0.0	10.1	0.0	0.0	-0.5
2759	638947.44	4873829.32	327.02	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	51.1	0.4	-1.2	0.0	0.0	12.6	0.0	0.0	3.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2759	638947.44	4873829.32	327.02	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	51.1	1.0	-1.2	0.0	0.0	15.1	0.0	0.0	-0.6
2759	638947.44	4873829.32	327.02	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	51.1	3.3	-1.2	0.0	0.0	17.8	0.0	0.0	-9.8
2759	638947.44	4873829.32	327.02	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	51.1	11.8	-1.2	0.0	0.0	20.7	0.0	0.0	-24.3
2766	638943.25	4873847.65	327.33	0	DEN	32	29.0	5.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-22.8
2766	638943.25	4873847.65	327.33	0	DEN	63	37.2	5.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-14.9
2766	638943.25	4873847.65	327.33	0	DEN	125	43.3	5.8	0.0	0.0	0.0	52.4	0.0	1.2	0.0	0.0	4.8	0.0	0.0	-9.4
2766	638943.25	4873847.65	327.33	0	DEN	250	48.8	5.8	0.0	0.0	0.0	52.4	0.1	1.8	0.0	0.0	5.1	0.0	0.0	-4.9
2766	638943.25	4873847.65	327.33	0	DEN	500	54.2	5.8	0.0	0.0	0.0	52.4	0.2	-0.9	0.0	0.0	9.2	0.0	0.0	-1.0
2766	638943.25	4873847.65	327.33	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	52.4	0.4	-1.2	0.0	0.0	11.5	0.0	0.0	3.0
2766	638943.25	4873847.65	327.33	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	52.4	1.1	-1.3	0.0	0.0	13.9	0.0	0.0	-0.8
2766	638943.25	4873847.65	327.33	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	52.4	3.9	-1.3	0.0	0.0	16.5	0.0	0.0	-10.4
2766	638943.25	4873847.65	327.33	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	52.4	13.8	-1.3	0.0	0.0	19.3	0.0	0.0	-26.2
2773	638938.48	4873869.13	327.70	0	DEN	32	29.0	5.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-24.1
2773	638938.48	4873869.13	327.70	0	DEN	63	37.2	5.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-16.1
2773	638938.48	4873869.13	327.70	0	DEN	125	43.3	5.8	0.0	0.0	0.0	53.8	0.1	1.3	0.0	0.0	4.3	0.0	0.0	-10.4
2773	638938.48	4873869.13	327.70	0	DEN	250	48.8	5.8	0.0	0.0	0.0	53.8	0.1	1.9	0.0	0.0	4.5	0.0	0.0	-5.7
2773	638938.48	4873869.13	327.70	0	DEN	500	54.2	5.8	0.0	0.0	0.0	53.8	0.3	-0.9	0.0	0.0	8.4	0.0	0.0	-1.6
2773	638938.48	4873869.13	327.70	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	53.8	0.5	-1.3	0.0	0.0	10.4	0.0	0.0	2.7
2773	638938.48	4873869.13	327.70	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	53.8	1.3	-1.3	0.0	0.0	12.6	0.0	0.0	-1.1
2773	638938.48	4873869.13	327.70	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	53.8	4.5	-1.3	0.0	0.0	15.1	0.0	0.0	-11.0
2773	638938.48	4873869.13	327.70	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	53.8	16.2	-1.3	0.0	0.0	17.8	0.0	0.0	-28.4
2782	638985.02	4873660.61	324.15	0	DEN	32	29.0	11.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-15.7
2782	638985.02	4873660.61	324.15	0	DEN	63	37.2	11.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-8.3
2782	638985.02	4873660.61	324.15	0	DEN	125	43.3	11.8	0.0	0.0	0.0	50.7	0.0	1.4	0.0	0.0	6.4	0.0	0.0	-3.4
2782	638985.02	4873660.61	324.15	0	DEN	250	48.8	11.8	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	7.3	0.0	0.0	0.3
2782	638985.02	4873660.61	324.15	0	DEN	500	54.2	11.8	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	12.4	0.0	0.0	3.4
2782	638985.02	4873660.61	324.15	0	DEN	1000	60.4	11.8	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	6.9
2782	638985.02	4873660.61	324.15	0	DEN	2000	59.6	11.8	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	18.1	0.0	0.0	2.7
2782	638985.02	4873660.61	324.15	0	DEN	4000	55.4	11.8	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	21.0	0.0	0.0	-6.6
2782	638985.02	4873660.61	324.15	0	DEN	8000	52.3	11.8	0.0	0.0	0.0	50.7	11.3	-1.1	0.0	0.0	21.1	0.0	0.0	-18.0
2791	638981.86	4873675.55	324.40	0	DEN	32	29.0	8.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-17.6
2791	638981.86	4873675.55	324.40	0	DEN	63	37.2	8.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-10.3
2791	638981.86	4873675.55	324.40	0	DEN	125	43.3	8.8	0.0	0.0	0.0	49.5	0.0	1.5	0.0	0.0	6.6	0.0	0.0	-5.5
2791	638981.86	4873675.55	324.40	0	DEN	250	48.8	8.8	0.0	0.0	0.0	49.5	0.1	2.5	0.0	0.0	7.5	0.0	0.0	-1.9
2791	638981.86	4873675.55	324.40	0	DEN	500	54.2	8.8	0.0	0.0	0.0	49.5	0.2	-0.5	0.0	0.0	12.8	0.0	0.0	1.1
2791	638981.86	4873675.55	324.40	0	DEN	1000	60.4	8.8	0.0	0.0	0.0	49.5	0.3	-0.9	0.0	0.0	15.8	0.0	0.0	4.5
2791	638981.86	4873675.55	324.40	0	DEN	2000	59.6	8.8	0.0	0.0	0.0	49.5	0.8	-1.0	0.0	0.0	18.6	0.0	0.0	0.4
2791	638981.86	4873675.55	324.40	0	DEN	4000	55.4	8.8	0.0	0.0	0.0	49.5	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-8.1
2791	638981.86	4873675.55	324.40	0	DEN	8000	52.3	8.8	0.0	0.0	0.0	49.5	9.8	-1.0	0.0	0.0	21.0	0.0	0.0	-18.2
2799	638978.64	4873688.63	324.63	0	DEN	32	29.0	8.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-16.5
2799	638978.64	4873688.63	324.63	0	DEN	63	37.2	8.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-9.3
2799	638978.64	4873688.63	324.63	0	DEN	125	43.3	8.8	0.0	0.0	0.0	48.3	0.0	1.2	0.0	0.0	7.1	0.0	0.0	-4.6
2799	638978.64	4873688.63	324.63	0	DEN	250	48.8	8.8	0.0	0.0	0.0	48.3	0.1	2.2	0.0	0.0	8.1	0.0	0.0	-1.1
2799	638978.64	4873688.63	324.63	0	DEN	500	54.2	8.8	0.0	0.0	0.0	48.3	0.1	-0.6	0.0	0.0	13.2	0.0	0.0	1.9
2799	638978.64	4873688.63	324.63	0	DEN	1000	60.4	8.8	0.0	0.0	0.0	48.3	0.3	-1.0	0.0	0.0	16.2	0.0	0.0	5.4
2799	638978.64	4873688.63	324.63	0	DEN	2000	59.6	8.8	0.0	0.0	0.0	48.3	0.7	-1.0	0.0	0.0	19.0	0.0	0.0	1.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2799	638978.64	4873688.63	324.63	0	DEN	4000	55.4	8.8	0.0	0.0	0.0	48.3	2.4	-1.0	0.0	0.0	21.0	0.0	0.0	-6.6
2799	638978.64	4873688.63	324.63	0	DEN	8000	52.3	8.8	0.0	0.0	0.0	48.3	8.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.9
2807	638977.48	4873694.93	324.73	0	DEN	32	29.0	5.8	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-19.0
2807	638977.48	4873694.93	324.73	0	DEN	63	37.2	5.8	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-11.8
2807	638977.48	4873694.93	324.73	0	DEN	125	43.3	5.8	0.0	0.0	0.0	47.7	0.0	1.1	0.0	0.0	7.4	0.0	0.0	-7.2
2807	638977.48	4873694.93	324.73	0	DEN	250	48.8	5.8	0.0	0.0	0.0	47.7	0.1	2.0	0.0	0.0	8.5	0.0	0.0	-3.7
2807	638977.48	4873694.93	324.73	0	DEN	500	54.2	5.8	0.0	0.0	0.0	47.7	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-0.8
2807	638977.48	4873694.93	324.73	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	47.7	0.3	-1.1	0.0	0.0	16.6	0.0	0.0	2.7
2807	638977.48	4873694.93	324.73	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	47.7	0.7	-1.1	0.0	0.0	19.4	0.0	0.0	-1.4
2807	638977.48	4873694.93	324.73	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	47.7	2.3	-1.1	0.0	0.0	21.1	0.0	0.0	-8.8
2807	638977.48	4873694.93	324.73	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	47.7	8.0	-1.1	0.0	0.0	21.1	0.0	0.0	-17.7
2816	638980.70	4873681.84	324.50	0	DEN	32	29.0	5.8	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-20.1
2816	638980.70	4873681.84	324.50	0	DEN	63	37.2	5.8	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-12.8
2816	638980.70	4873681.84	324.50	0	DEN	125	43.3	5.8	0.0	0.0	0.0	48.9	0.0	1.5	0.0	0.0	6.8	0.0	0.0	-8.2
2816	638980.70	4873681.84	324.50	0	DEN	250	48.8	5.8	0.0	0.0	0.0	48.9	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-4.6
2816	638980.70	4873681.84	324.50	0	DEN	500	54.2	5.8	0.0	0.0	0.0	48.9	0.2	-0.5	0.0	0.0	13.0	0.0	0.0	-1.6
2816	638980.70	4873681.84	324.50	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	48.9	0.3	-0.9	0.0	0.0	16.1	0.0	0.0	1.8
2816	638980.70	4873681.84	324.50	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	48.9	0.8	-0.9	0.0	0.0	18.9	0.0	0.0	-2.3
2816	638980.70	4873681.84	324.50	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	48.9	2.6	-0.9	0.0	0.0	20.9	0.0	0.0	-10.3
2816	638980.70	4873681.84	324.50	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	48.9	9.2	-0.9	0.0	0.0	20.9	0.0	0.0	-20.0
2823	638975.09	4873705.67	324.91	0	DEN	32	29.0	8.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-15.1
2823	638975.09	4873705.67	324.91	0	DEN	63	37.2	8.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-7.9
2823	638975.09	4873705.67	324.91	0	DEN	125	43.3	8.8	0.0	0.0	0.0	46.8	0.0	1.2	0.0	0.0	7.4	0.0	0.0	-3.3
2823	638975.09	4873705.67	324.91	0	DEN	250	48.8	8.8	0.0	0.0	0.0	46.8	0.1	2.1	0.0	0.0	8.5	0.0	0.0	0.2
2823	638975.09	4873705.67	324.91	0	DEN	500	54.2	8.8	0.0	0.0	0.0	46.8	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	3.1
2823	638975.09	4873705.67	324.91	0	DEN	1000	60.4	8.8	0.0	0.0	0.0	46.8	0.2	-0.9	0.0	0.0	16.6	0.0	0.0	6.5
2823	638975.09	4873705.67	324.91	0	DEN	2000	59.6	8.8	0.0	0.0	0.0	46.8	0.6	-0.9	0.0	0.0	19.4	0.0	0.0	2.5
2823	638975.09	4873705.67	324.91	0	DEN	4000	55.4	8.8	0.0	0.0	0.0	46.8	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-4.6
2823	638975.09	4873705.67	324.91	0	DEN	8000	52.3	8.8	0.0	0.0	0.0	46.8	7.2	-0.9	0.0	0.0	20.9	0.0	0.0	-12.8
2829	638972.68	4873715.48	325.09	0	DEN	32	29.0	5.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-17.4
2829	638972.68	4873715.48	325.09	0	DEN	63	37.2	5.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-10.3
2829	638972.68	4873715.48	325.09	0	DEN	125	43.3	5.8	0.0	0.0	0.0	45.9	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-5.7
2829	638972.68	4873715.48	325.09	0	DEN	250	48.8	5.8	0.0	0.0	0.0	45.9	0.1	1.8	0.0	0.0	9.1	0.0	0.0	-2.3
2829	638972.68	4873715.48	325.09	0	DEN	500	54.2	5.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	14.0	0.0	0.0	0.6
2829	638972.68	4873715.48	325.09	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	45.9	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	4.0
2829	638972.68	4873715.48	325.09	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	45.9	0.5	-1.0	0.0	0.0	19.9	0.0	0.0	-0.0
2829	638972.68	4873715.48	325.09	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	45.9	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-6.6
2829	638972.68	4873715.48	325.09	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	45.9	6.5	-1.0	0.0	0.0	21.0	0.0	0.0	-14.4
2837	638970.29	4873726.23	325.27	0	DEN	32	29.0	5.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-16.9
2837	638970.29	4873726.23	325.27	0	DEN	63	37.2	5.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-9.9
2837	638970.29	4873726.23	325.27	0	DEN	125	43.3	5.8	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-5.5
2837	638970.29	4873726.23	325.27	0	DEN	250	48.8	5.8	0.0	0.0	0.0	45.2	0.1	1.8	0.0	0.0	9.7	0.0	0.0	-2.2
2837	638970.29	4873726.23	325.27	0	DEN	500	54.2	5.8	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	14.7	0.0	0.0	0.6
2837	638970.29	4873726.23	325.27	0	DEN	1000	60.4	5.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	4.0
2837	638970.29	4873726.23	325.27	0	DEN	2000	59.6	5.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	0.0
2837	638970.29	4873726.23	325.27	0	DEN	4000	55.4	5.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-5.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2837	638970.29	4873726.23	325.27	0	DEN	8000	52.3	5.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
2846	638969.71	4873729.37	325.32	0	DEN	32	29.0	2.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-19.8
2846	638969.71	4873729.37	325.32	0	DEN	63	37.2	2.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-12.8
2846	638969.71	4873729.37	325.32	0	DEN	125	43.3	2.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.6	0.0	0.0	-8.5
2846	638969.71	4873729.37	325.32	0	DEN	250	48.8	2.8	0.0	0.0	0.0	45.0	0.1	1.8	0.0	0.0	9.9	0.0	0.0	-5.2
2846	638969.71	4873729.37	325.32	0	DEN	500	54.2	2.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.9	0.0	0.0	-2.4
2846	638969.71	4873729.37	325.32	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	45.0	0.2	-0.9	0.0	0.0	17.9	0.0	0.0	1.0
2846	638969.71	4873729.37	325.32	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.8	0.0	0.0	-3.0
2846	638969.71	4873729.37	325.32	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.5
2846	638969.71	4873729.37	325.32	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-15.8
2854	638967.71	4873738.02	325.47	0	DEN	32	29.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-19.5
2854	638967.71	4873738.02	325.47	0	DEN	63	37.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-12.6
2854	638967.71	4873738.02	325.47	0	DEN	125	43.3	2.8	0.0	0.0	0.0	44.7	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-8.3
2854	638967.71	4873738.02	325.47	0	DEN	250	48.8	2.8	0.0	0.0	0.0	44.7	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-5.0
2854	638967.71	4873738.02	325.47	0	DEN	500	54.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-2.2
2854	638967.71	4873738.02	325.47	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	1.1
2854	638967.71	4873738.02	325.47	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-2.8
2854	638967.71	4873738.02	325.47	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.1
2854	638967.71	4873738.02	325.47	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	44.7	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-15.3
2863	638965.91	4873745.61	325.60	0	DEN	32	29.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-19.4
2863	638965.91	4873745.61	325.60	0	DEN	63	37.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-12.4
2863	638965.91	4873745.61	325.60	0	DEN	125	43.3	2.8	0.0	0.0	0.0	44.7	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-8.0
2863	638965.91	4873745.61	325.60	0	DEN	250	48.8	2.8	0.0	0.0	0.0	44.7	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-4.7
2863	638965.91	4873745.61	325.60	0	DEN	500	54.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-1.9
2863	638965.91	4873745.61	325.60	0	DEN	1000	60.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	1.5
2863	638965.91	4873745.61	325.60	0	DEN	2000	59.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-2.5
2863	638965.91	4873745.61	325.60	0	DEN	4000	55.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-8.1
2863	638965.91	4873745.61	325.60	0	DEN	8000	52.3	2.8	0.0	0.0	0.0	44.7	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-15.3
2870	638964.52	4873752.03	325.71	0	DEN	32	29.0	-0.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-22.4
2870	638964.52	4873752.03	325.71	0	DEN	63	37.2	-0.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-15.4
2870	638964.52	4873752.03	325.71	0	DEN	125	43.3	-0.2	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-10.9
2870	638964.52	4873752.03	325.71	0	DEN	250	48.8	-0.2	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	9.8	0.0	0.0	-7.6
2870	638964.52	4873752.03	325.71	0	DEN	500	54.2	-0.2	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.5	0.0	0.0	-4.7
2870	638964.52	4873752.03	325.71	0	DEN	1000	60.4	-0.2	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	-1.3
2870	638964.52	4873752.03	325.71	0	DEN	2000	59.6	-0.2	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-5.3
2870	638964.52	4873752.03	325.71	0	DEN	4000	55.4	-0.2	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.3
2870	638964.52	4873752.03	325.71	0	DEN	8000	52.3	-0.2	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
2879	638962.52	4873760.67	325.86	0	DEN	32	29.0	-0.2	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-22.7
2879	638962.52	4873760.67	325.86	0	DEN	63	37.2	-0.2	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-15.5
2879	638962.52	4873760.67	325.86	0	DEN	125	43.3	-0.2	0.0	0.0	0.0	45.3	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-10.9
2879	638962.52	4873760.67	325.86	0	DEN	250	48.8	-0.2	0.0	0.0	0.0	45.3	0.1	1.7	0.0	0.0	9.0	0.0	0.0	-7.5
2879	638962.52	4873760.67	325.86	0	DEN	500	54.2	-0.2	0.0	0.0	0.0	45.3	0.1	-0.7	0.0	0.0	13.8	0.0	0.0	-4.6
2879	638962.52	4873760.67	325.86	0	DEN	1000	60.4	-0.2	0.0	0.0	0.0	45.3	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	-1.1
2879	638962.52	4873760.67	325.86	0	DEN	2000	59.6	-0.2	0.0	0.0	0.0	45.3	0.5	-1.0	0.0	0.0	19.6	0.0	0.0	-5.1
2879	638962.52	4873760.67	325.86	0	DEN	4000	55.4	-0.2	0.0	0.0	0.0	45.3	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-11.8
2879	638962.52	4873760.67	325.86	0	DEN	8000	52.3	-0.2	0.0	0.0	0.0	45.3	6.1	-1.0	0.0	0.0	21.0	0.0	0.0	-19.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2890	638932.75	4873894.62	328.13	1	DEN	1000	60.4	-11.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-18.4
2890	638932.75	4873894.62	328.13	1	DEN	2000	59.6	-11.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-22.6
2890	638932.75	4873894.62	328.13	1	DEN	4000	55.4	-11.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-33.6
2890	638932.75	4873894.62	328.13	1	DEN	8000	52.3	-11.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-54.7
2907	638971.72	4873712.98	324.48	0	DEN	32	29.0	7.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-15.9
2907	638971.72	4873712.98	324.48	0	DEN	63	37.2	7.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-8.8
2907	638971.72	4873712.98	324.48	0	DEN	125	43.3	7.7	0.0	0.0	0.0	46.3	0.0	1.0	0.0	0.0	8.0	0.0	0.0	-4.3
2907	638971.72	4873712.98	324.48	0	DEN	250	48.8	7.7	0.0	0.0	0.0	46.3	0.1	1.9	0.0	0.0	9.2	0.0	0.0	-1.0
2907	638971.72	4873712.98	324.48	0	DEN	500	54.2	7.7	0.0	0.0	0.0	46.3	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	1.9
2907	638971.72	4873712.98	324.48	0	DEN	1000	60.4	7.7	0.0	0.0	0.0	46.3	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	5.3
2907	638971.72	4873712.98	324.48	0	DEN	2000	59.6	7.7	0.0	0.0	0.0	46.3	0.6	-1.0	0.0	0.0	20.2	0.0	0.0	1.3
2907	638971.72	4873712.98	324.48	0	DEN	4000	55.4	7.7	0.0	0.0	0.0	46.3	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-5.1
2907	638971.72	4873712.98	324.48	0	DEN	8000	52.3	7.7	0.0	0.0	0.0	46.3	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
2915	638970.03	4873721.15	324.70	0	DEN	32	29.0	4.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-18.4
2915	638970.03	4873721.15	324.70	0	DEN	63	37.2	4.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-11.4
2915	638970.03	4873721.15	324.70	0	DEN	125	43.3	4.7	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.6	0.0	0.0	-7.0
2915	638970.03	4873721.15	324.70	0	DEN	250	48.8	4.7	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	10.0	0.0	0.0	-3.8
2915	638970.03	4873721.15	324.70	0	DEN	500	54.2	4.7	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.8	0.0	0.0	-0.9
2915	638970.03	4873721.15	324.70	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	45.7	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	2.4
2915	638970.03	4873721.15	324.70	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-1.6
2915	638970.03	4873721.15	324.70	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-7.4
2915	638970.03	4873721.15	324.70	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-15.0
2923	638966.46	4873737.24	324.93	0	DEN	32	29.0	4.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-18.0
2923	638966.46	4873737.24	324.93	0	DEN	63	37.2	4.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-11.1
2923	638966.46	4873737.24	324.93	0	DEN	125	43.3	4.7	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-6.8
2923	638966.46	4873737.24	324.93	0	DEN	250	48.8	4.7	0.0	0.0	0.0	45.0	0.1	1.6	0.0	0.0	10.5	0.0	0.0	-3.6
2923	638966.46	4873737.24	324.93	0	DEN	500	54.2	4.7	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.4	0.0	0.0	-0.9
2923	638966.46	4873737.24	324.93	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.5	0.0	0.0	2.5
2923	638966.46	4873737.24	324.93	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-1.1
2923	638966.46	4873737.24	324.93	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-6.5
2923	638966.46	4873737.24	324.93	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	45.0	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-13.8
2931	638966.54	4873737.33	325.01	0	DEN	32	29.0	1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-20.9
2931	638966.54	4873737.33	325.01	0	DEN	63	37.2	1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-14.0
2931	638966.54	4873737.33	325.01	0	DEN	125	43.3	1.7	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-9.8
2931	638966.54	4873737.33	325.01	0	DEN	250	48.8	1.7	0.0	0.0	0.0	45.0	0.1	1.6	0.0	0.0	10.4	0.0	0.0	-6.5
2931	638966.54	4873737.33	325.01	0	DEN	500	54.2	1.7	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.3	0.0	0.0	-3.8
2931	638966.54	4873737.33	325.01	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.4	0.0	0.0	-0.4
2931	638966.54	4873737.33	325.01	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-4.1
2931	638966.54	4873737.33	325.01	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
2931	638966.54	4873737.33	325.01	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	45.0	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-16.8
2938	638970.11	4873721.24	324.78	0	DEN	32	29.0	1.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-21.4
2938	638970.11	4873721.24	324.78	0	DEN	63	37.2	1.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-14.4
2938	638970.11	4873721.24	324.78	0	DEN	125	43.3	1.7	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-10.0
2938	638970.11	4873721.24	324.78	0	DEN	250	48.8	1.7	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-6.7
2938	638970.11	4873721.24	324.78	0	DEN	500	54.2	1.7	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-3.9
2938	638970.11	4873721.24	324.78	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	45.7	0.2	-1.1	0.0	0.0	17.8	0.0	0.0	-0.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2938	638970.11	4873721.24	324.78	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-4.5
2938	638970.11	4873721.24	324.78	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-10.3
2938	638970.11	4873721.24	324.78	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-18.0
2946	638964.80	4873745.43	325.17	0	DEN	32	29.0	4.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-17.7
2946	638964.80	4873745.43	325.17	0	DEN	63	37.2	4.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-10.8
2946	638964.80	4873745.43	325.17	0	DEN	125	43.3	4.7	0.0	0.0	0.0	44.9	0.0	0.7	0.0	0.0	8.9	0.0	0.0	-6.5
2946	638964.80	4873745.43	325.17	0	DEN	250	48.8	4.7	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	10.3	0.0	0.0	-3.2
2946	638964.80	4873745.43	325.17	0	DEN	500	54.2	4.7	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-0.4
2946	638964.80	4873745.43	325.17	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	2.9
2946	638964.80	4873745.43	325.17	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-1.0
2946	638964.80	4873745.43	325.17	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-6.4
2946	638964.80	4873745.43	325.17	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-13.7
2953	638961.26	4873761.55	325.43	0	DEN	32	29.0	4.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-18.0
2953	638961.26	4873761.55	325.43	0	DEN	63	37.2	4.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-10.9
2953	638961.26	4873761.55	325.43	0	DEN	125	43.3	4.7	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-6.4
2953	638961.26	4873761.55	325.43	0	DEN	250	48.8	4.7	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-3.0
2953	638961.26	4873761.55	325.43	0	DEN	500	54.2	4.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.1	0.0	0.0	-0.1
2953	638961.26	4873761.55	325.43	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	3.3
2953	638961.26	4873761.55	325.43	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-0.7
2953	638961.26	4873761.55	325.43	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-7.1
2953	638961.26	4873761.55	325.43	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-14.7
2961	638959.55	4873769.68	325.62	0	DEN	32	29.0	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-21.4
2961	638959.55	4873769.68	325.62	0	DEN	63	37.2	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-14.2
2961	638959.55	4873769.68	325.62	0	DEN	125	43.3	1.7	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-9.5
2961	638959.55	4873769.68	325.62	0	DEN	250	48.8	1.7	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-6.1
2961	638959.55	4873769.68	325.62	0	DEN	500	54.2	1.7	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-3.1
2961	638959.55	4873769.68	325.62	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.5	0.0	0.0	0.4
2961	638959.55	4873769.68	325.62	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.4	0.0	0.0	-3.6
2961	638959.55	4873769.68	325.62	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-10.8
2961	638959.55	4873769.68	325.62	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.7
2969	638956.03	4873785.83	325.90	0	DEN	32	29.0	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-22.5
2969	638956.03	4873785.83	325.90	0	DEN	63	37.2	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-15.2
2969	638956.03	4873785.83	325.90	0	DEN	125	43.3	1.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.8	0.0	0.0	-10.4
2969	638956.03	4873785.83	325.90	0	DEN	250	48.8	1.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-6.7
2969	638956.03	4873785.83	325.90	0	DEN	500	54.2	1.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.6	0.0	0.0	-3.6
2969	638956.03	4873785.83	325.90	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.5	0.0	0.0	-0.1
2969	638956.03	4873785.83	325.90	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.3	0.0	0.0	-4.1
2969	638956.03	4873785.83	325.90	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5
2969	638956.03	4873785.83	325.90	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	47.4	7.8	-1.0	0.0	0.0	21.0	0.0	0.0	-21.2
2977	638959.61	4873769.76	325.69	0	DEN	32	29.0	-1.3	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-24.4
2977	638959.61	4873769.76	325.69	0	DEN	63	37.2	-1.3	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-17.1
2977	638959.61	4873769.76	325.69	0	DEN	125	43.3	-1.3	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-12.5
2977	638959.61	4873769.76	325.69	0	DEN	250	48.8	-1.3	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.7	0.0	0.0	-9.0
2977	638959.61	4873769.76	325.69	0	DEN	500	54.2	-1.3	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-6.0
2977	638959.61	4873769.76	325.69	0	DEN	1000	60.4	-1.3	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	-2.6
2977	638959.61	4873769.76	325.69	0	DEN	2000	59.6	-1.3	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.3	0.0	0.0	-6.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2977	638959.61	4873769.76	325.69	0	DEN	4000	55.4	-1.3	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-13.8
2977	638959.61	4873769.76	325.69	0	DEN	8000	52.3	-1.3	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.7
2984	638956.06	4873785.88	325.94	0	DEN	32	29.0	-1.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-25.5
2984	638956.06	4873785.88	325.94	0	DEN	63	37.2	-1.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-18.1
2984	638956.06	4873785.88	325.94	0	DEN	125	43.3	-1.3	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-13.3
2984	638956.06	4873785.88	325.94	0	DEN	250	48.8	-1.3	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-9.7
2984	638956.06	4873785.88	325.94	0	DEN	500	54.2	-1.3	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-6.6
2984	638956.06	4873785.88	325.94	0	DEN	1000	60.4	-1.3	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.5	0.0	0.0	-3.1
2984	638956.06	4873785.88	325.94	0	DEN	2000	59.6	-1.3	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.3	0.0	0.0	-7.0
2984	638956.06	4873785.88	325.94	0	DEN	4000	55.4	-1.3	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-15.5
2984	638956.06	4873785.88	325.94	0	DEN	8000	52.3	-1.3	0.0	0.0	0.0	47.4	7.8	-1.0	0.0	0.0	21.0	0.0	0.0	-24.2
2990	638961.36	4873761.67	325.53	0	DEN	32	29.0	1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-21.0
2990	638961.36	4873761.67	325.53	0	DEN	63	37.2	1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-13.9
2990	638961.36	4873761.67	325.53	0	DEN	125	43.3	1.7	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-9.3
2990	638961.36	4873761.67	325.53	0	DEN	250	48.8	1.7	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	9.1	0.0	0.0	-5.9
2990	638961.36	4873761.67	325.53	0	DEN	500	54.2	1.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.0	0.0	0.0	-3.0
2990	638961.36	4873761.67	325.53	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	0.4
2990	638961.36	4873761.67	325.53	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.9	0.0	0.0	-3.6
2990	638961.36	4873761.67	325.53	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-10.1
2990	638961.36	4873761.67	325.53	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-17.7
2999	638964.02	4873749.58	325.34	0	DEN	32	29.0	-1.3	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-23.7
2999	638964.02	4873749.58	325.34	0	DEN	63	37.2	-1.3	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-16.7
2999	638964.02	4873749.58	325.34	0	DEN	125	43.3	-1.3	0.0	0.0	0.0	45.0	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-12.3
2999	638964.02	4873749.58	325.34	0	DEN	250	48.8	-1.3	0.0	0.0	0.0	45.0	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-9.0
2999	638964.02	4873749.58	325.34	0	DEN	500	54.2	-1.3	0.0	0.0	0.0	45.0	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-6.2
2999	638964.02	4873749.58	325.34	0	DEN	1000	60.4	-1.3	0.0	0.0	0.0	45.0	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-2.8
2999	638964.02	4873749.58	325.34	0	DEN	2000	59.6	-1.3	0.0	0.0	0.0	45.0	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-6.8
2999	638964.02	4873749.58	325.34	0	DEN	4000	55.4	-1.3	0.0	0.0	0.0	45.0	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-12.5
2999	638964.02	4873749.58	325.34	0	DEN	8000	52.3	-1.3	0.0	0.0	0.0	45.0	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-19.8
3008	638965.76	4873741.49	325.19	0	DEN	32	29.0	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.8
3008	638965.76	4873741.49	325.19	0	DEN	63	37.2	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-16.8
3008	638965.76	4873741.49	325.19	0	DEN	125	43.3	-1.3	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-12.5
3008	638965.76	4873741.49	325.19	0	DEN	250	48.8	-1.3	0.0	0.0	0.0	44.9	0.1	1.5	0.0	0.0	10.3	0.0	0.0	-9.3
3008	638965.76	4873741.49	325.19	0	DEN	500	54.2	-1.3	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-6.5
3008	638965.76	4873741.49	325.19	0	DEN	1000	60.4	-1.3	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-3.1
3008	638965.76	4873741.49	325.19	0	DEN	2000	59.6	-1.3	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.1
3008	638965.76	4873741.49	325.19	0	DEN	4000	55.4	-1.3	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.4
3008	638965.76	4873741.49	325.19	0	DEN	8000	52.3	-1.3	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-19.7
3018	638966.63	4873737.43	325.10	0	DEN	32	29.0	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.9
3018	638966.63	4873737.43	325.10	0	DEN	63	37.2	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-17.0
3018	638966.63	4873737.43	325.10	0	DEN	125	43.3	-1.3	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-12.7
3018	638966.63	4873737.43	325.10	0	DEN	250	48.8	-1.3	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-9.5
3018	638966.63	4873737.43	325.10	0	DEN	500	54.2	-1.3	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-6.7
3018	638966.63	4873737.43	325.10	0	DEN	1000	60.4	-1.3	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-3.3
3018	638966.63	4873737.43	325.10	0	DEN	2000	59.6	-1.3	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.1
3018	638966.63	4873737.43	325.10	0	DEN	4000	55.4	-1.3	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3018	638966.63	4873737.43	325.10	0	DEN	8000	52.3	-1.3	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-19.8
3027	638970.15	4873721.28	324.81	0	DEN	32	29.0	-1.3	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-24.4
3027	638970.15	4873721.28	324.81	0	DEN	63	37.2	-1.3	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-17.4
3027	638970.15	4873721.28	324.81	0	DEN	125	43.3	-1.3	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-13.0
3027	638970.15	4873721.28	324.81	0	DEN	250	48.8	-1.3	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-9.7
3027	638970.15	4873721.28	324.81	0	DEN	500	54.2	-1.3	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-6.8
3027	638970.15	4873721.28	324.81	0	DEN	1000	60.4	-1.3	0.0	0.0	0.0	45.7	0.2	-1.1	0.0	0.0	17.8	0.0	0.0	-3.5
3027	638970.15	4873721.28	324.81	0	DEN	2000	59.6	-1.3	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	20.6	0.0	0.0	-7.4
3027	638970.15	4873721.28	324.81	0	DEN	4000	55.4	-1.3	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-13.3
3027	638970.15	4873721.28	324.81	0	DEN	8000	52.3	-1.3	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-21.0
3035	638954.38	4873794.04	326.16	0	DEN	32	29.0	4.7	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-20.1
3035	638954.38	4873794.04	326.16	0	DEN	63	37.2	4.7	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-12.6
3035	638954.38	4873794.04	326.16	0	DEN	125	43.3	4.7	0.0	0.0	0.0	48.2	0.0	1.2	0.0	0.0	6.3	0.0	0.0	-7.7
3035	638954.38	4873794.04	326.16	0	DEN	250	48.8	4.7	0.0	0.0	0.0	48.2	0.1	2.2	0.0	0.0	7.1	0.0	0.0	-3.9
3035	638954.38	4873794.04	326.16	0	DEN	500	54.2	4.7	0.0	0.0	0.0	48.2	0.1	-0.6	0.0	0.0	12.0	0.0	0.0	-0.7
3035	638954.38	4873794.04	326.16	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	48.2	0.3	-1.0	0.0	0.0	14.9	0.0	0.0	2.8
3035	638954.38	4873794.04	326.16	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	48.2	0.7	-1.0	0.0	0.0	17.6	0.0	0.0	-1.1
3035	638954.38	4873794.04	326.16	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	48.2	2.4	-1.0	0.0	0.0	20.5	0.0	0.0	-9.9
3035	638954.38	4873794.04	326.16	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	48.2	8.4	-1.0	0.0	0.0	21.0	0.0	0.0	-19.6
3044	638956.10	4873785.92	325.98	0	DEN	32	29.0	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-22.5
3044	638956.10	4873785.92	325.98	0	DEN	63	37.2	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-15.1
3044	638956.10	4873785.92	325.98	0	DEN	125	43.3	1.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-10.3
3044	638956.10	4873785.92	325.98	0	DEN	250	48.8	1.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.5	0.0	0.0	-6.6
3044	638956.10	4873785.92	325.98	0	DEN	500	54.2	1.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-3.5
3044	638956.10	4873785.92	325.98	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.4	0.0	0.0	0.0
3044	638956.10	4873785.92	325.98	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.2	0.0	0.0	-4.0
3044	638956.10	4873785.92	325.98	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5
3044	638956.10	4873785.92	325.98	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-21.2
3052	638959.65	4873769.80	325.72	0	DEN	32	29.0	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-21.4
3052	638959.65	4873769.80	325.72	0	DEN	63	37.2	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-14.1
3052	638959.65	4873769.80	325.72	0	DEN	125	43.3	1.7	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-9.5
3052	638959.65	4873769.80	325.72	0	DEN	250	48.8	1.7	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.7	0.0	0.0	-5.9
3052	638959.65	4873769.80	325.72	0	DEN	500	54.2	1.7	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-3.0
3052	638959.65	4873769.80	325.72	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	0.5
3052	638959.65	4873769.80	325.72	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.2	0.0	0.0	-3.4
3052	638959.65	4873769.80	325.72	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-10.8
3052	638959.65	4873769.80	325.72	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.7
3061	638950.85	4873810.17	326.43	0	DEN	32	29.0	4.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-21.3
3061	638950.85	4873810.17	326.43	0	DEN	63	37.2	4.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-13.7
3061	638950.85	4873810.17	326.43	0	DEN	125	43.3	4.7	0.0	0.0	0.0	49.6	0.0	1.2	0.0	0.0	5.8	0.0	0.0	-8.6
3061	638950.85	4873810.17	326.43	0	DEN	250	48.8	4.7	0.0	0.0	0.0	49.6	0.1	2.1	0.0	0.0	6.4	0.0	0.0	-4.6
3061	638950.85	4873810.17	326.43	0	DEN	500	54.2	4.7	0.0	0.0	0.0	49.6	0.2	-0.7	0.0	0.0	11.2	0.0	0.0	-1.3
3061	638950.85	4873810.17	326.43	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	49.6	0.3	-1.1	0.0	0.0	13.9	0.0	0.0	2.4
3061	638950.85	4873810.17	326.43	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	49.6	0.8	-1.1	0.0	0.0	16.6	0.0	0.0	-1.6
3061	638950.85	4873810.17	326.43	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	49.6	2.8	-1.1	0.0	0.0	19.4	0.0	0.0	-10.6
3061	638950.85	4873810.17	326.43	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	49.6	9.9	-1.1	0.0	0.0	21.1	0.0	0.0	-22.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3070	638949.14	4873818.31	326.62	0	DEN	32	29.0	1.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-24.9
3070	638949.14	4873818.31	326.62	0	DEN	63	37.2	1.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-17.2
3070	638949.14	4873818.31	326.62	0	DEN	125	43.3	1.7	0.0	0.0	0.0	50.2	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-12.0
3070	638949.14	4873818.31	326.62	0	DEN	250	48.8	1.7	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	5.9	0.0	0.0	-7.9
3070	638949.14	4873818.31	326.62	0	DEN	500	54.2	1.7	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	10.7	0.0	0.0	-4.5
3070	638949.14	4873818.31	326.62	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	13.4	0.0	0.0	-0.7
3070	638949.14	4873818.31	326.62	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	16.0	0.0	0.0	-4.7
3070	638949.14	4873818.31	326.62	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	18.8	0.0	0.0	-13.8
3070	638949.14	4873818.31	326.62	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	50.2	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-27.0
3079	638945.61	4873834.45	326.90	0	DEN	32	29.0	1.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-26.0
3079	638945.61	4873834.45	326.90	0	DEN	63	37.2	1.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-18.2
3079	638945.61	4873834.45	326.90	0	DEN	125	43.3	1.7	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.3	0.0	0.0	-12.9
3079	638945.61	4873834.45	326.90	0	DEN	250	48.8	1.7	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.8	0.0	0.0	-8.6
3079	638945.61	4873834.45	326.90	0	DEN	500	54.2	1.7	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	10.0	0.0	0.0	-4.9
3079	638945.61	4873834.45	326.90	0	DEN	1000	60.4	1.7	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.5	0.0	0.0	-1.0
3079	638945.61	4873834.45	326.90	0	DEN	2000	59.6	1.7	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	15.0	0.0	0.0	-5.0
3079	638945.61	4873834.45	326.90	0	DEN	4000	55.4	1.7	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.8	0.0	0.0	-14.3
3079	638945.61	4873834.45	326.90	0	DEN	8000	52.3	1.7	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.6	0.0	0.0	-29.2
3088	638945.66	4873834.51	326.96	0	DEN	32	29.0	4.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-23.0
3088	638945.66	4873834.51	326.96	0	DEN	63	37.2	4.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-15.2
3088	638945.66	4873834.51	326.96	0	DEN	125	43.3	4.7	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-9.8
3088	638945.66	4873834.51	326.96	0	DEN	250	48.8	4.7	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.7	0.0	0.0	-5.5
3088	638945.66	4873834.51	326.96	0	DEN	500	54.2	4.7	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	10.0	0.0	0.0	-1.9
3088	638945.66	4873834.51	326.96	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.4	0.0	0.0	2.0
3088	638945.66	4873834.51	326.96	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.9	0.0	0.0	-1.9
3088	638945.66	4873834.51	326.96	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.7	0.0	0.0	-11.3
3088	638945.66	4873834.51	326.96	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.5	0.0	0.0	-26.1
3096	638938.67	4873866.87	327.57	0	DEN	32	29.0	4.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-25.0
3096	638938.67	4873866.87	327.57	0	DEN	63	37.2	4.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-17.0
3096	638938.67	4873866.87	327.57	0	DEN	125	43.3	4.7	0.0	0.0	0.0	53.7	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-11.4
3096	638938.67	4873866.87	327.57	0	DEN	250	48.8	4.7	0.0	0.0	0.0	53.7	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-6.8
3096	638938.67	4873866.87	327.57	0	DEN	500	54.2	4.7	0.0	0.0	0.0	53.7	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	-2.7
3096	638938.67	4873866.87	327.57	0	DEN	1000	60.4	4.7	0.0	0.0	0.0	53.7	0.5	-1.3	0.0	0.0	10.6	0.0	0.0	1.6
3096	638938.67	4873866.87	327.57	0	DEN	2000	59.6	4.7	0.0	0.0	0.0	53.7	1.3	-1.3	0.0	0.0	12.8	0.0	0.0	-2.2
3096	638938.67	4873866.87	327.57	0	DEN	4000	55.4	4.7	0.0	0.0	0.0	53.7	4.5	-1.3	0.0	0.0	15.4	0.0	0.0	-12.1
3096	638938.67	4873866.87	327.57	0	DEN	8000	52.3	4.7	0.0	0.0	0.0	53.7	15.9	-1.3	0.0	0.0	18.1	0.0	0.0	-29.4
3105	638993.91	4873609.67	322.41	0	DEN	32	29.0	13.5	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-17.2
3105	638993.91	4873609.67	322.41	0	DEN	63	37.2	13.5	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-9.6
3105	638993.91	4873609.67	322.41	0	DEN	125	43.3	13.5	0.0	0.0	0.0	54.2	0.1	1.4	0.0	0.0	5.5	0.0	0.0	-4.5
3105	638993.91	4873609.67	322.41	0	DEN	250	48.8	13.5	0.0	0.0	0.0	54.2	0.2	2.0	0.0	0.0	6.4	0.0	0.0	-0.5
3105	638993.91	4873609.67	322.41	0	DEN	500	54.2	13.5	0.0	0.0	0.0	54.2	0.3	-0.9	0.0	0.0	11.2	0.0	0.0	2.8
3105	638993.91	4873609.67	322.41	0	DEN	1000	60.4	13.5	0.0	0.0	0.0	54.2	0.5	-1.2	0.0	0.0	13.9	0.0	0.0	6.4
3105	638993.91	4873609.67	322.41	0	DEN	2000	59.6	13.5	0.0	0.0	0.0	54.2	1.4	-1.2	0.0	0.0	16.6	0.0	0.0	2.1
3105	638993.91	4873609.67	322.41	0	DEN	4000	55.4	13.5	0.0	0.0	0.0	54.2	4.8	-1.2	0.0	0.0	19.4	0.0	0.0	-8.3
3105	638993.91	4873609.67	322.41	0	DEN	8000	52.3	13.5	0.0	0.0	0.0	54.2	16.9	-1.2	0.0	0.0	21.2	0.0	0.0	-25.4
3113	638989.85	4873629.13	322.89	0	DEN	32	29.0	10.5	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-19.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3113	638989.85	4873629.13	322.89	0	DEN	63	37.2	10.5	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-11.6
3113	638989.85	4873629.13	322.89	0	DEN	125	43.3	10.5	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.9	0.0	0.0	-6.5
3113	638989.85	4873629.13	322.89	0	DEN	250	48.8	10.5	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.9	0.0	0.0	-2.7
3113	638989.85	4873629.13	322.89	0	DEN	500	54.2	10.5	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.7	0.0	0.0	0.6
3113	638989.85	4873629.13	322.89	0	DEN	1000	60.4	10.5	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.5	0.0	0.0	4.1
3113	638989.85	4873629.13	322.89	0	DEN	2000	59.6	10.5	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	17.1	0.0	0.0	-0.1
3113	638989.85	4873629.13	322.89	0	DEN	4000	55.4	10.5	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	20.0	0.0	0.0	-10.1
3113	638989.85	4873629.13	322.89	0	DEN	8000	52.3	10.5	0.0	0.0	0.0	53.0	14.8	-1.2	0.0	0.0	21.2	0.0	0.0	-25.1
3119	638983.63	4873657.21	323.31	0	DEN	32	29.0	7.5	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-20.4
3119	638983.63	4873657.21	323.31	0	DEN	63	37.2	7.5	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-13.1
3119	638983.63	4873657.21	323.31	0	DEN	125	43.3	7.5	0.0	0.0	0.0	51.1	0.0	1.3	0.0	0.0	6.7	0.0	0.0	-8.3
3119	638983.63	4873657.21	323.31	0	DEN	250	48.8	7.5	0.0	0.0	0.0	51.1	0.1	2.0	0.0	0.0	7.8	0.0	0.0	-4.7
3119	638983.63	4873657.21	323.31	0	DEN	500	54.2	7.5	0.0	0.0	0.0	51.1	0.2	-0.8	0.0	0.0	12.8	0.0	0.0	-1.6
3119	638983.63	4873657.21	323.31	0	DEN	1000	60.4	7.5	0.0	0.0	0.0	51.1	0.4	-1.2	0.0	0.0	15.8	0.0	0.0	1.8
3119	638983.63	4873657.21	323.31	0	DEN	2000	59.6	7.5	0.0	0.0	0.0	51.1	1.0	-1.2	0.0	0.0	18.5	0.0	0.0	-2.4
3119	638983.63	4873657.21	323.31	0	DEN	4000	55.4	7.5	0.0	0.0	0.0	51.1	3.3	-1.2	0.0	0.0	21.2	0.0	0.0	-11.5
3119	638983.63	4873657.21	323.31	0	DEN	8000	52.3	7.5	0.0	0.0	0.0	51.1	11.8	-1.2	0.0	0.0	21.2	0.0	0.0	-23.1
3129	638981.60	4873666.95	323.55	0	DEN	32	29.0	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-22.8
3129	638981.60	4873666.95	323.55	0	DEN	63	37.2	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-15.5
3129	638981.60	4873666.95	323.55	0	DEN	125	43.3	4.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.8	0.0	0.0	-10.7
3129	638981.60	4873666.95	323.55	0	DEN	250	48.8	4.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	7.8	0.0	0.0	-7.2
3129	638981.60	4873666.95	323.55	0	DEN	500	54.2	4.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	13.0	0.0	0.0	-4.1
3129	638981.60	4873666.95	323.55	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	16.0	0.0	0.0	-0.7
3129	638981.60	4873666.95	323.55	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.8	0.0	0.0	-4.9
3129	638981.60	4873666.95	323.55	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-13.5
3129	638981.60	4873666.95	323.55	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	50.3	10.8	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
3139	638977.47	4873685.77	323.86	0	DEN	32	29.0	4.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-21.3
3139	638977.47	4873685.77	323.86	0	DEN	63	37.2	4.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-14.2
3139	638977.47	4873685.77	323.86	0	DEN	125	43.3	4.4	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	7.4	0.0	0.0	-9.6
3139	638977.47	4873685.77	323.86	0	DEN	250	48.8	4.4	0.0	0.0	0.0	48.7	0.1	2.2	0.0	0.0	8.4	0.0	0.0	-6.1
3139	638977.47	4873685.77	323.86	0	DEN	500	54.2	4.4	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-3.2
3139	638977.47	4873685.77	323.86	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	16.7	0.0	0.0	0.2
3139	638977.47	4873685.77	323.86	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	19.5	0.0	0.0	-3.9
3139	638977.47	4873685.77	323.86	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-11.4
3139	638977.47	4873685.77	323.86	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	48.7	9.0	-1.0	0.0	0.0	21.0	0.0	0.0	-20.9
3149	638975.59	4873695.56	324.24	0	DEN	32	29.0	8.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-16.5
3149	638975.59	4873695.56	324.24	0	DEN	63	37.2	8.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-9.3
3149	638975.59	4873695.56	324.24	0	DEN	125	43.3	8.4	0.0	0.0	0.0	47.8	0.0	1.1	0.0	0.0	7.5	0.0	0.0	-4.8
3149	638975.59	4873695.56	324.24	0	DEN	250	48.8	8.4	0.0	0.0	0.0	47.8	0.1	2.0	0.0	0.0	8.6	0.0	0.0	-1.3
3149	638975.59	4873695.56	324.24	0	DEN	500	54.2	8.4	0.0	0.0	0.0	47.8	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	1.6
3149	638975.59	4873695.56	324.24	0	DEN	1000	60.4	8.4	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	16.8	0.0	0.0	5.0
3149	638975.59	4873695.56	324.24	0	DEN	2000	59.6	8.4	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	19.6	0.0	0.0	1.0
3149	638975.59	4873695.56	324.24	0	DEN	4000	55.4	8.4	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-6.3
3149	638975.59	4873695.56	324.24	0	DEN	8000	52.3	8.4	0.0	0.0	0.0	47.8	8.1	-1.0	0.0	0.0	21.0	0.0	0.0	-15.2
3158	638977.58	4873686.05	324.00	0	DEN	32	29.0	5.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-20.3
3158	638977.58	4873686.05	324.00	0	DEN	63	37.2	5.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-13.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3158	638977.58	4873686.05	324.00	0	DEN	125	43.3	5.4	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	7.3	0.0	0.0	-8.5
3158	638977.58	4873686.05	324.00	0	DEN	250	48.8	5.4	0.0	0.0	0.0	48.7	0.1	2.2	0.0	0.0	8.3	0.0	0.0	-5.0
3158	638977.58	4873686.05	324.00	0	DEN	500	54.2	5.4	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	13.5	0.0	0.0	-2.1
3158	638977.58	4873686.05	324.00	0	DEN	1000	60.4	5.4	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	16.5	0.0	0.0	1.4
3158	638977.58	4873686.05	324.00	0	DEN	2000	59.6	5.4	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	19.4	0.0	0.0	-2.7
3158	638977.58	4873686.05	324.00	0	DEN	4000	55.4	5.4	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-10.4
3158	638977.58	4873686.05	324.00	0	DEN	8000	52.3	5.4	0.0	0.0	0.0	48.7	8.9	-1.0	0.0	0.0	21.0	0.0	0.0	-19.9
3168	638981.77	4873667.29	323.75	0	DEN	32	29.0	5.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-21.7
3168	638981.77	4873667.29	323.75	0	DEN	63	37.2	5.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-14.4
3168	638981.77	4873667.29	323.75	0	DEN	125	43.3	5.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.7	0.0	0.0	-9.6
3168	638981.77	4873667.29	323.75	0	DEN	250	48.8	5.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	7.7	0.0	0.0	-6.0
3168	638981.77	4873667.29	323.75	0	DEN	500	54.2	5.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.8	0.0	0.0	-3.0
3168	638981.77	4873667.29	323.75	0	DEN	1000	60.4	5.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.8	0.0	0.0	0.5
3168	638981.77	4873667.29	323.75	0	DEN	2000	59.6	5.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.6	0.0	0.0	-3.7
3168	638981.77	4873667.29	323.75	0	DEN	4000	55.4	5.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-12.5
3168	638981.77	4873667.29	323.75	0	DEN	8000	52.3	5.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-23.3
3178	638981.69	4873667.20	323.67	0	DEN	32	29.0	2.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-24.7
3178	638981.69	4873667.20	323.67	0	DEN	63	37.2	2.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-17.4
3178	638981.69	4873667.20	323.67	0	DEN	125	43.3	2.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.7	0.0	0.0	-12.7
3178	638981.69	4873667.20	323.67	0	DEN	250	48.8	2.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	7.7	0.0	0.0	-9.1
3178	638981.69	4873667.20	323.67	0	DEN	500	54.2	2.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.9	0.0	0.0	-6.1
3178	638981.69	4873667.20	323.67	0	DEN	1000	60.4	2.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.9	0.0	0.0	-2.6
3178	638981.69	4873667.20	323.67	0	DEN	2000	59.6	2.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.7	0.0	0.0	-6.8
3178	638981.69	4873667.20	323.67	0	DEN	4000	55.4	2.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-15.5
3178	638981.69	4873667.20	323.67	0	DEN	8000	52.3	2.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-26.3
3188	638977.51	4873685.96	323.93	0	DEN	32	29.0	2.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-23.4
3188	638977.51	4873685.96	323.93	0	DEN	63	37.2	2.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-16.2
3188	638977.51	4873685.96	323.93	0	DEN	125	43.3	2.4	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	7.3	0.0	0.0	-11.6
3188	638977.51	4873685.96	323.93	0	DEN	250	48.8	2.4	0.0	0.0	0.0	48.7	0.1	2.2	0.0	0.0	8.4	0.0	0.0	-8.1
3188	638977.51	4873685.96	323.93	0	DEN	500	54.2	2.4	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-5.2
3188	638977.51	4873685.96	323.93	0	DEN	1000	60.4	2.4	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	16.6	0.0	0.0	-1.7
3188	638977.51	4873685.96	323.93	0	DEN	2000	59.6	2.4	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	19.5	0.0	0.0	-5.8
3188	638977.51	4873685.96	323.93	0	DEN	4000	55.4	2.4	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-13.4
3188	638977.51	4873685.96	323.93	0	DEN	8000	52.3	2.4	0.0	0.0	0.0	48.7	8.9	-1.0	0.0	0.0	21.0	0.0	0.0	-22.9
3197	638983.73	4873657.75	323.49	0	DEN	32	29.0	5.4	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-22.4
3197	638983.73	4873657.75	323.49	0	DEN	63	37.2	5.4	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-15.0
3197	638983.73	4873657.75	323.49	0	DEN	125	43.3	5.4	0.0	0.0	0.0	51.0	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-10.2
3197	638983.73	4873657.75	323.49	0	DEN	250	48.8	5.4	0.0	0.0	0.0	51.0	0.1	2.0	0.0	0.0	7.6	0.0	0.0	-6.6
3197	638983.73	4873657.75	323.49	0	DEN	500	54.2	5.4	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	12.7	0.0	0.0	-3.5
3197	638983.73	4873657.75	323.49	0	DEN	1000	60.4	5.4	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	15.6	0.0	0.0	-0.0
3197	638983.73	4873657.75	323.49	0	DEN	2000	59.6	5.4	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	18.4	0.0	0.0	-4.2
3197	638983.73	4873657.75	323.49	0	DEN	4000	55.4	5.4	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	21.2	0.0	0.0	-13.5
3197	638983.73	4873657.75	323.49	0	DEN	8000	52.3	5.4	0.0	0.0	0.0	51.0	11.7	-1.2	0.0	0.0	21.2	0.0	0.0	-25.0
3207	638989.93	4873629.51	323.03	0	DEN	32	29.0	8.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-21.1
3207	638989.93	4873629.51	323.03	0	DEN	63	37.2	8.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-13.5
3207	638989.93	4873629.51	323.03	0	DEN	125	43.3	8.4	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.8	0.0	0.0	-8.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3207	638989.93	4873629.51	323.03	0	DEN	250	48.8	8.4	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.8	0.0	0.0	-4.6
3207	638989.93	4873629.51	323.03	0	DEN	500	54.2	8.4	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.5	0.0	0.0	-1.3
3207	638989.93	4873629.51	323.03	0	DEN	1000	60.4	8.4	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.3	0.0	0.0	2.2
3207	638989.93	4873629.51	323.03	0	DEN	2000	59.6	8.4	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	17.0	0.0	0.0	-2.0
3207	638989.93	4873629.51	323.03	0	DEN	4000	55.4	8.4	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.8	0.0	0.0	-11.9
3207	638989.93	4873629.51	323.03	0	DEN	8000	52.3	8.4	0.0	0.0	0.0	53.0	14.7	-1.2	0.0	0.0	21.2	0.0	0.0	-27.0
3215	638999.32	4873584.40	321.89	0	DEN	32	29.0	8.5	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-23.3
3215	638999.32	4873584.40	321.89	0	DEN	63	37.2	8.5	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-15.6
3215	638999.32	4873584.40	321.89	0	DEN	125	43.3	8.5	0.0	0.0	0.0	55.6	0.1	1.7	0.0	0.0	4.8	0.0	0.0	-10.3
3215	638999.32	4873584.40	321.89	0	DEN	250	48.8	8.5	0.0	0.0	0.0	55.6	0.2	2.1	0.0	0.0	5.5	0.0	0.0	-6.1
3215	638999.32	4873584.40	321.89	0	DEN	500	54.2	8.5	0.0	0.0	0.0	55.6	0.3	-0.8	0.0	0.0	10.2	0.0	0.0	-2.6
3215	638999.32	4873584.40	321.89	0	DEN	1000	60.4	8.5	0.0	0.0	0.0	55.6	0.6	-1.2	0.0	0.0	12.7	0.0	0.0	1.1
3215	638999.32	4873584.40	321.89	0	DEN	2000	59.6	8.5	0.0	0.0	0.0	55.6	1.6	-1.2	0.0	0.0	15.3	0.0	0.0	-3.2
3215	638999.32	4873584.40	321.89	0	DEN	4000	55.4	8.5	0.0	0.0	0.0	55.6	5.6	-1.2	0.0	0.0	18.0	0.0	0.0	-14.1
3215	638999.32	4873584.40	321.89	0	DEN	8000	52.3	8.5	0.0	0.0	0.0	55.6	19.8	-1.2	0.0	0.0	20.9	0.0	0.0	-34.3
3224	638932.71	4873894.58	328.12	1	DEN	1000	60.4	-13.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-20.5
3224	638932.71	4873894.58	328.12	1	DEN	2000	59.6	-13.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-24.6
3224	638932.71	4873894.58	328.12	1	DEN	4000	55.4	-13.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-35.6
3224	638932.71	4873894.58	328.12	1	DEN	8000	52.3	-13.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-56.7
3245	638972.43	4873713.84	324.96	0	DEN	32	29.0	8.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-14.6
3245	638972.43	4873713.84	324.96	0	DEN	63	37.2	8.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-7.4
3245	638972.43	4873713.84	324.96	0	DEN	125	43.3	8.7	0.0	0.0	0.0	46.1	0.0	1.0	0.0	0.0	7.7	0.0	0.0	-2.9
3245	638972.43	4873713.84	324.96	0	DEN	250	48.8	8.7	0.0	0.0	0.0	46.1	0.1	1.9	0.0	0.0	8.9	0.0	0.0	0.5
3245	638972.43	4873713.84	324.96	0	DEN	500	54.2	8.7	0.0	0.0	0.0	46.1	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	3.4
3245	638972.43	4873713.84	324.96	0	DEN	1000	60.4	8.7	0.0	0.0	0.0	46.1	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	6.9
3245	638972.43	4873713.84	324.96	0	DEN	2000	59.6	8.7	0.0	0.0	0.0	46.1	0.6	-1.0	0.0	0.0	19.8	0.0	0.0	2.9
3245	638972.43	4873713.84	324.96	0	DEN	4000	55.4	8.7	0.0	0.0	0.0	46.1	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-3.9
3245	638972.43	4873713.84	324.96	0	DEN	8000	52.3	8.7	0.0	0.0	0.0	46.1	6.7	-1.0	0.0	0.0	21.0	0.0	0.0	-11.8
3254	638970.75	4873722.00	325.14	0	DEN	32	29.0	5.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-17.1
3254	638970.75	4873722.00	325.14	0	DEN	63	37.2	5.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-10.1
3254	638970.75	4873722.00	325.14	0	DEN	125	43.3	5.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-5.6
3254	638970.75	4873722.00	325.14	0	DEN	250	48.8	5.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-2.3
3254	638970.75	4873722.00	325.14	0	DEN	500	54.2	5.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	0.6
3254	638970.75	4873722.00	325.14	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	45.5	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	3.9
3254	638970.75	4873722.00	325.14	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-0.0
3254	638970.75	4873722.00	325.14	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-6.1
3254	638970.75	4873722.00	325.14	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-13.7
3264	638967.94	4873733.92	325.29	0	DEN	32	29.0	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-19.8
3264	638967.94	4873733.92	325.29	0	DEN	63	37.2	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-12.9
3264	638967.94	4873733.92	325.29	0	DEN	125	43.3	2.7	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.7	0.0	0.0	-8.6
3264	638967.94	4873733.92	325.29	0	DEN	250	48.8	2.7	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.2	0.0	0.0	-5.3
3264	638967.94	4873733.92	325.29	0	DEN	500	54.2	2.7	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-2.5
3264	638967.94	4873733.92	325.29	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	0.8
3264	638967.94	4873733.92	325.29	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-3.1
3264	638967.94	4873733.92	325.29	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.5
3264	638967.94	4873733.92	325.29	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-15.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3272	638967.10	4873738.00	325.38	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-22.7
3272	638967.10	4873738.00	325.38	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-15.7
3272	638967.10	4873738.00	325.38	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-11.4
3272	638967.10	4873738.00	325.38	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-8.2
3272	638967.10	4873738.00	325.38	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-5.4
3272	638967.10	4873738.00	325.38	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-2.0
3272	638967.10	4873738.00	325.38	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-6.0
3272	638967.10	4873738.00	325.38	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-11.3
3272	638967.10	4873738.00	325.38	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.6
3281	638965.26	4873745.98	325.49	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.6
3281	638965.26	4873745.98	325.49	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-15.6
3281	638965.26	4873745.98	325.49	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-11.2
3281	638965.26	4873745.98	325.49	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-7.9
3281	638965.26	4873745.98	325.49	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-5.0
3281	638965.26	4873745.98	325.49	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-1.7
3281	638965.26	4873745.98	325.49	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-5.6
3281	638965.26	4873745.98	325.49	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.3
3281	638965.26	4873745.98	325.49	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
3289	638966.26	4873742.08	325.47	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-22.6
3289	638966.26	4873742.08	325.47	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-15.6
3289	638966.26	4873742.08	325.47	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-11.2
3289	638966.26	4873742.08	325.47	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-8.0
3289	638966.26	4873742.08	325.47	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-5.1
3289	638966.26	4873742.08	325.47	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-1.8
3289	638966.26	4873742.08	325.47	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-5.8
3289	638966.26	4873742.08	325.47	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.3
3289	638966.26	4873742.08	325.47	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-18.5
3297	638968.10	4873734.11	325.35	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-22.8
3297	638968.10	4873734.11	325.35	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-15.8
3297	638968.10	4873734.11	325.35	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.7	0.0	0.0	-11.5
3297	638968.10	4873734.11	325.35	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.1	0.0	0.0	-8.3
3297	638968.10	4873734.11	325.35	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-5.5
3297	638968.10	4873734.11	325.35	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-2.1
3297	638968.10	4873734.11	325.35	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-6.1
3297	638968.10	4873734.11	325.35	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-11.4
3297	638968.10	4873734.11	325.35	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-18.7
3306	638970.86	4873722.14	325.18	0	DEN	32	29.0	2.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-20.1
3306	638970.86	4873722.14	325.18	0	DEN	63	37.2	2.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-13.1
3306	638970.86	4873722.14	325.18	0	DEN	125	43.3	2.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-8.6
3306	638970.86	4873722.14	325.18	0	DEN	250	48.8	2.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-5.3
3306	638970.86	4873722.14	325.18	0	DEN	500	54.2	2.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-2.4
3306	638970.86	4873722.14	325.18	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	45.5	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	1.0
3306	638970.86	4873722.14	325.18	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-3.0
3306	638970.86	4873722.14	325.18	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-9.1
3306	638970.86	4873722.14	325.18	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-16.7
3488	638964.51	4873750.18	325.62	0	DEN	32	29.0	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-19.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3488	638964.51	4873750.18	325.62	0	DEN	63	37.2	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-12.5
3488	638964.51	4873750.18	325.62	0	DEN	125	43.3	2.7	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-8.0
3488	638964.51	4873750.18	325.62	0	DEN	250	48.8	2.7	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	9.9	0.0	0.0	-4.7
3488	638964.51	4873750.18	325.62	0	DEN	500	54.2	2.7	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.6	0.0	0.0	-1.8
3488	638964.51	4873750.18	325.62	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	1.5
3488	638964.51	4873750.18	325.62	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.5	0.0	0.0	-2.4
3488	638964.51	4873750.18	325.62	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-8.4
3488	638964.51	4873750.18	325.62	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-15.6
3496	638965.38	4873746.12	325.54	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.5
3496	638965.38	4873746.12	325.54	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-15.5
3496	638965.38	4873746.12	325.54	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-11.1
3496	638965.38	4873746.12	325.54	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-7.8
3496	638965.38	4873746.12	325.54	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-5.0
3496	638965.38	4873746.12	325.54	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.8	0.0	0.0	-1.6
3496	638965.38	4873746.12	325.54	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-5.6
3496	638965.38	4873746.12	325.54	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.3
3496	638965.38	4873746.12	325.54	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-18.5
3505	638967.26	4873738.19	325.44	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-22.6
3505	638967.26	4873738.19	325.44	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-15.7
3505	638967.26	4873738.19	325.44	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-11.3
3505	638967.26	4873738.19	325.44	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.1	0.0	0.0	-8.1
3505	638967.26	4873738.19	325.44	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-5.3
3505	638967.26	4873738.19	325.44	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-1.9
3505	638967.26	4873738.19	325.44	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-5.9
3505	638967.26	4873738.19	325.44	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-11.3
3505	638967.26	4873738.19	325.44	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.5
3514	638961.77	4873762.16	325.80	0	DEN	32	29.0	5.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-16.8
3514	638961.77	4873762.16	325.80	0	DEN	63	37.2	5.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-9.7
3514	638961.77	4873762.16	325.80	0	DEN	125	43.3	5.7	0.0	0.0	0.0	45.4	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-5.1
3514	638961.77	4873762.16	325.80	0	DEN	250	48.8	5.7	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	8.9	0.0	0.0	-1.6
3514	638961.77	4873762.16	325.80	0	DEN	500	54.2	5.7	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	1.3
3514	638961.77	4873762.16	325.80	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	4.8
3514	638961.77	4873762.16	325.80	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.5	0.0	0.0	0.8
3514	638961.77	4873762.16	325.80	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-6.1
3514	638961.77	4873762.16	325.80	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	45.4	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-13.6
3523	638960.05	4873770.28	325.96	0	DEN	32	29.0	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-20.2
3523	638960.05	4873770.28	325.96	0	DEN	63	37.2	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-13.0
3523	638960.05	4873770.28	325.96	0	DEN	125	43.3	2.7	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-8.3
3523	638960.05	4873770.28	325.96	0	DEN	250	48.8	2.7	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-4.7
3523	638960.05	4873770.28	325.96	0	DEN	500	54.2	2.7	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-1.7
3523	638960.05	4873770.28	325.96	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	1.8
3523	638960.05	4873770.28	325.96	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-2.2
3523	638960.05	4873770.28	325.96	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-9.8
3523	638960.05	4873770.28	325.96	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-17.6
3530	638956.44	4873786.33	326.21	0	DEN	32	29.0	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-21.4
3530	638956.44	4873786.33	326.21	0	DEN	63	37.2	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-14.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3530	638956.44	4873786.33	326.21	0	DEN	125	43.3	2.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-9.1
3530	638956.44	4873786.33	326.21	0	DEN	250	48.8	2.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-5.4
3530	638956.44	4873786.33	326.21	0	DEN	500	54.2	2.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-2.2
3530	638956.44	4873786.33	326.21	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	1.3
3530	638956.44	4873786.33	326.21	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-2.6
3530	638956.44	4873786.33	326.21	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-11.3
3530	638956.44	4873786.33	326.21	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
3539	638960.14	4873770.40	325.99	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-23.2
3539	638960.14	4873770.40	325.99	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-16.0
3539	638960.14	4873770.40	325.99	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-11.3
3539	638960.14	4873770.40	325.99	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-7.7
3539	638960.14	4873770.40	325.99	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-4.7
3539	638960.14	4873770.40	325.99	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.1	0.0	0.0	-1.2
3539	638960.14	4873770.40	325.99	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	18.9	0.0	0.0	-5.1
3539	638960.14	4873770.40	325.99	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-12.8
3539	638960.14	4873770.40	325.99	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-20.6
3547	638956.50	4873786.40	326.24	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-24.4
3547	638956.50	4873786.40	326.24	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-17.0
3547	638956.50	4873786.40	326.24	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-12.1
3547	638956.50	4873786.40	326.24	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-8.4
3547	638956.50	4873786.40	326.24	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-5.2
3547	638956.50	4873786.40	326.24	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	-1.7
3547	638956.50	4873786.40	326.24	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-5.6
3547	638956.50	4873786.40	326.24	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.7	0.0	0.0	-14.2
3547	638956.50	4873786.40	326.24	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-23.2
3556	638961.93	4873762.35	325.86	0	DEN	32	29.0	2.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-19.8
3556	638961.93	4873762.35	325.86	0	DEN	63	37.2	2.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-12.6
3556	638961.93	4873762.35	325.86	0	DEN	125	43.3	2.7	0.0	0.0	0.0	45.4	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-8.0
3556	638961.93	4873762.35	325.86	0	DEN	250	48.8	2.7	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	8.9	0.0	0.0	-4.6
3556	638961.93	4873762.35	325.86	0	DEN	500	54.2	2.7	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-1.6
3556	638961.93	4873762.35	325.86	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	1.8
3556	638961.93	4873762.35	325.86	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.5	0.0	0.0	-2.1
3556	638961.93	4873762.35	325.86	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-9.0
3556	638961.93	4873762.35	325.86	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	45.4	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-16.6
3564	638964.66	4873750.35	325.67	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-22.5
3564	638964.66	4873750.35	325.67	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-15.4
3564	638964.66	4873750.35	325.67	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-11.0
3564	638964.66	4873750.35	325.67	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	9.9	0.0	0.0	-7.7
3564	638964.66	4873750.35	325.67	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.5	0.0	0.0	-4.8
3564	638964.66	4873750.35	325.67	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-1.4
3564	638964.66	4873750.35	325.67	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-5.4
3564	638964.66	4873750.35	325.67	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.4
3564	638964.66	4873750.35	325.67	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
3574	638966.44	4873742.31	325.54	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-22.5
3574	638966.44	4873742.31	325.54	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-15.5
3574	638966.44	4873742.31	325.54	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.7	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-11.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3574	638966.44	4873742.31	325.54	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.7	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-7.9
3574	638966.44	4873742.31	325.54	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-5.1
3574	638966.44	4873742.31	325.54	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.7	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-1.7
3574	638966.44	4873742.31	325.54	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-5.7
3574	638966.44	4873742.31	325.54	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.7	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-11.2
3574	638966.44	4873742.31	325.54	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.7	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-18.4
3581	638967.32	4873738.26	325.46	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-22.6
3581	638967.32	4873738.26	325.46	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-15.7
3581	638967.32	4873738.26	325.46	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-11.3
3581	638967.32	4873738.26	325.46	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.1	0.0	0.0	-8.1
3581	638967.32	4873738.26	325.46	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-5.3
3581	638967.32	4873738.26	325.46	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-1.9
3581	638967.32	4873738.26	325.46	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-5.9
3581	638967.32	4873738.26	325.46	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-11.3
3581	638967.32	4873738.26	325.46	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.5
3588	638970.92	4873722.21	325.20	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-23.1
3588	638970.92	4873722.21	325.20	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-16.1
3588	638970.92	4873722.21	325.20	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-11.6
3588	638970.92	4873722.21	325.20	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-8.3
3588	638970.92	4873722.21	325.20	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-5.4
3588	638970.92	4873722.21	325.20	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	45.5	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	-2.0
3588	638970.92	4873722.21	325.20	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-6.0
3588	638970.92	4873722.21	325.20	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-12.1
3588	638970.92	4873722.21	325.20	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-19.7
3596	638954.81	4873794.56	326.41	0	DEN	32	29.0	5.7	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-19.0
3596	638954.81	4873794.56	326.41	0	DEN	63	37.2	5.7	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-11.5
3596	638954.81	4873794.56	326.41	0	DEN	125	43.3	5.7	0.0	0.0	0.0	48.1	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-6.5
3596	638954.81	4873794.56	326.41	0	DEN	250	48.8	5.7	0.0	0.0	0.0	48.1	0.1	2.2	0.0	0.0	6.8	0.0	0.0	-2.7
3596	638954.81	4873794.56	326.41	0	DEN	500	54.2	5.7	0.0	0.0	0.0	48.1	0.1	-0.6	0.0	0.0	11.7	0.0	0.0	0.5
3596	638954.81	4873794.56	326.41	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	48.1	0.3	-1.0	0.0	0.0	14.6	0.0	0.0	4.1
3596	638954.81	4873794.56	326.41	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	48.1	0.7	-1.0	0.0	0.0	17.3	0.0	0.0	0.2
3596	638954.81	4873794.56	326.41	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	48.1	2.4	-1.0	0.0	0.0	20.2	0.0	0.0	-8.5
3596	638954.81	4873794.56	326.41	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	48.1	8.4	-1.0	0.0	0.0	21.0	0.0	0.0	-18.5
3603	638956.56	4873786.47	326.26	0	DEN	32	29.0	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-21.4
3603	638956.56	4873786.47	326.26	0	DEN	63	37.2	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-14.0
3603	638956.56	4873786.47	326.26	0	DEN	125	43.3	2.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-9.1
3603	638956.56	4873786.47	326.26	0	DEN	250	48.8	2.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-5.4
3603	638956.56	4873786.47	326.26	0	DEN	500	54.2	2.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-2.2
3603	638956.56	4873786.47	326.26	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	1.3
3603	638956.56	4873786.47	326.26	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-2.6
3603	638956.56	4873786.47	326.26	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.7	0.0	0.0	-11.2
3603	638956.56	4873786.47	326.26	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
3610	638960.20	4873770.47	326.01	0	DEN	32	29.0	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-20.2
3610	638960.20	4873770.47	326.01	0	DEN	63	37.2	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-12.9
3610	638960.20	4873770.47	326.01	0	DEN	125	43.3	2.7	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-8.2
3610	638960.20	4873770.47	326.01	0	DEN	250	48.8	2.7	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-4.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3610	638960.20	4873770.47	326.01	0	DEN	500	54.2	2.7	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-1.6
3610	638960.20	4873770.47	326.01	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.1	0.0	0.0	1.9
3610	638960.20	4873770.47	326.01	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	18.9	0.0	0.0	-2.1
3610	638960.20	4873770.47	326.01	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-9.7
3610	638960.20	4873770.47	326.01	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-17.6
3617	638951.19	4873810.58	326.66	0	DEN	32	29.0	5.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-20.3
3617	638951.19	4873810.58	326.66	0	DEN	63	37.2	5.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-12.6
3617	638951.19	4873810.58	326.66	0	DEN	125	43.3	5.7	0.0	0.0	0.0	49.6	0.0	1.3	0.0	0.0	5.6	0.0	0.0	-7.5
3617	638951.19	4873810.58	326.66	0	DEN	250	48.8	5.7	0.0	0.0	0.0	49.6	0.1	2.2	0.0	0.0	6.1	0.0	0.0	-3.4
3617	638951.19	4873810.58	326.66	0	DEN	500	54.2	5.7	0.0	0.0	0.0	49.6	0.2	-0.7	0.0	0.0	10.9	0.0	0.0	-0.0
3617	638951.19	4873810.58	326.66	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	49.6	0.3	-1.1	0.0	0.0	13.6	0.0	0.0	3.7
3617	638951.19	4873810.58	326.66	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	49.6	0.8	-1.1	0.0	0.0	16.3	0.0	0.0	-0.3
3617	638951.19	4873810.58	326.66	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	49.6	2.8	-1.1	0.0	0.0	19.1	0.0	0.0	-9.2
3617	638951.19	4873810.58	326.66	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	49.6	9.9	-1.1	0.0	0.0	21.1	0.0	0.0	-21.5
3624	638947.66	4873826.72	326.95	0	DEN	32	29.0	5.7	0.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-21.4
3624	638947.66	4873826.72	326.95	0	DEN	63	37.2	5.7	0.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-13.7
3624	638947.66	4873826.72	326.95	0	DEN	125	43.3	5.7	0.0	0.0	0.0	50.9	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-8.4
3624	638947.66	4873826.72	326.95	0	DEN	250	48.8	5.7	0.0	0.0	0.0	50.9	0.1	1.9	0.0	0.0	5.7	0.0	0.0	-4.1
3624	638947.66	4873826.72	326.95	0	DEN	500	54.2	5.7	0.0	0.0	0.0	50.9	0.2	-0.8	0.0	0.0	10.2	0.0	0.0	-0.5
3624	638947.66	4873826.72	326.95	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	50.9	0.4	-1.2	0.0	0.0	12.7	0.0	0.0	3.3
3624	638947.66	4873826.72	326.95	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	50.9	1.0	-1.2	0.0	0.0	15.2	0.0	0.0	-0.6
3624	638947.66	4873826.72	326.95	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	50.9	3.2	-1.2	0.0	0.0	18.0	0.0	0.0	-9.8
3624	638947.66	4873826.72	326.95	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	50.9	11.6	-1.2	0.0	0.0	20.9	0.0	0.0	-24.1
3631	638945.94	4873834.84	327.11	0	DEN	32	29.0	5.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-22.0
3631	638945.94	4873834.84	327.11	0	DEN	63	37.2	5.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-14.2
3631	638945.94	4873834.84	327.11	0	DEN	125	43.3	5.7	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-8.8
3631	638945.94	4873834.84	327.11	0	DEN	250	48.8	5.7	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.6	0.0	0.0	-4.4
3631	638945.94	4873834.84	327.11	0	DEN	500	54.2	5.7	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.8	0.0	0.0	-0.7
3631	638945.94	4873834.84	327.11	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.3	0.0	0.0	3.2
3631	638945.94	4873834.84	327.11	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.7	0.0	0.0	-0.7
3631	638945.94	4873834.84	327.11	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.4	0.0	0.0	-10.0
3631	638945.94	4873834.84	327.11	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.3	0.0	0.0	-24.9
3636	638938.80	4873867.02	327.65	0	DEN	32	29.0	5.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-24.0
3636	638938.80	4873867.02	327.65	0	DEN	63	37.2	5.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-16.0
3636	638938.80	4873867.02	327.65	0	DEN	125	43.3	5.7	0.0	0.0	0.0	53.7	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-10.4
3636	638938.80	4873867.02	327.65	0	DEN	250	48.8	5.7	0.0	0.0	0.0	53.7	0.1	1.9	0.0	0.0	4.5	0.0	0.0	-5.7
3636	638938.80	4873867.02	327.65	0	DEN	500	54.2	5.7	0.0	0.0	0.0	53.7	0.3	-0.9	0.0	0.0	8.5	0.0	0.0	-1.6
3636	638938.80	4873867.02	327.65	0	DEN	1000	60.4	5.7	0.0	0.0	0.0	53.7	0.5	-1.3	0.0	0.0	10.5	0.0	0.0	2.7
3636	638938.80	4873867.02	327.65	0	DEN	2000	59.6	5.7	0.0	0.0	0.0	53.7	1.3	-1.3	0.0	0.0	12.7	0.0	0.0	-1.1
3636	638938.80	4873867.02	327.65	0	DEN	4000	55.4	5.7	0.0	0.0	0.0	53.7	4.5	-1.3	0.0	0.0	15.2	0.0	0.0	-11.0
3636	638938.80	4873867.02	327.65	0	DEN	8000	52.3	5.7	0.0	0.0	0.0	53.7	15.9	-1.3	0.0	0.0	18.0	0.0	0.0	-28.3
3642	638986.76	4873648.62	323.82	0	DEN	32	29.0	11.6	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-16.7
3642	638986.76	4873648.62	323.82	0	DEN	63	37.2	11.6	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-9.2
3642	638986.76	4873648.62	323.82	0	DEN	125	43.3	11.6	0.0	0.0	0.0	51.7	0.0	1.5	0.0	0.0	5.9	0.0	0.0	-4.2
3642	638986.76	4873648.62	323.82	0	DEN	250	48.8	11.6	0.0	0.0	0.0	51.7	0.1	2.2	0.0	0.0	6.8	0.0	0.0	-0.4
3642	638986.76	4873648.62	323.82	0	DEN	500	54.2	11.6	0.0	0.0	0.0	51.7	0.2	-0.7	0.0	0.0	11.8	0.0	0.0	2.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3642	638986.76	4873648.62	323.82	0	DEN	1000	60.4	11.6	0.0	0.0	0.0	51.7	0.4	-1.1	0.0	0.0	14.6	0.0	0.0	6.4
3642	638986.76	4873648.62	323.82	0	DEN	2000	59.6	11.6	0.0	0.0	0.0	51.7	1.0	-1.1	0.0	0.0	17.4	0.0	0.0	2.2
3642	638986.76	4873648.62	323.82	0	DEN	4000	55.4	11.6	0.0	0.0	0.0	51.7	3.5	-1.1	0.0	0.0	20.2	0.0	0.0	-7.3
3642	638986.76	4873648.62	323.82	0	DEN	8000	52.3	11.6	0.0	0.0	0.0	51.7	12.6	-1.1	0.0	0.0	21.1	0.0	0.0	-20.4
3648	638984.30	4873660.45	324.07	0	DEN	32	29.0	8.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-18.9
3648	638984.30	4873660.45	324.07	0	DEN	63	37.2	8.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-11.5
3648	638984.30	4873660.45	324.07	0	DEN	125	43.3	8.6	0.0	0.0	0.0	50.8	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-6.6
3648	638984.30	4873660.45	324.07	0	DEN	250	48.8	8.6	0.0	0.0	0.0	50.8	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-2.9
3648	638984.30	4873660.45	324.07	0	DEN	500	54.2	8.6	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	12.3	0.0	0.0	0.2
3648	638984.30	4873660.45	324.07	0	DEN	1000	60.4	8.6	0.0	0.0	0.0	50.8	0.4	-1.1	0.0	0.0	15.2	0.0	0.0	3.7
3648	638984.30	4873660.45	324.07	0	DEN	2000	59.6	8.6	0.0	0.0	0.0	50.8	0.9	-1.1	0.0	0.0	18.0	0.0	0.0	-0.4
3648	638984.30	4873660.45	324.07	0	DEN	4000	55.4	8.6	0.0	0.0	0.0	50.8	3.2	-1.1	0.0	0.0	20.9	0.0	0.0	-9.7
3648	638984.30	4873660.45	324.07	0	DEN	8000	52.3	8.6	0.0	0.0	0.0	50.8	11.4	-1.1	0.0	0.0	21.1	0.0	0.0	-21.3
3655	638979.14	4873682.86	324.39	0	DEN	32	29.0	8.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-17.2
3655	638979.14	4873682.86	324.39	0	DEN	63	37.2	8.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-9.9
3655	638979.14	4873682.86	324.39	0	DEN	125	43.3	8.6	0.0	0.0	0.0	48.9	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-5.2
3655	638979.14	4873682.86	324.39	0	DEN	250	48.8	8.6	0.0	0.0	0.0	48.9	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-1.6
3655	638979.14	4873682.86	324.39	0	DEN	500	54.2	8.6	0.0	0.0	0.0	48.9	0.2	-0.6	0.0	0.0	12.9	0.0	0.0	1.4
3655	638979.14	4873682.86	324.39	0	DEN	1000	60.4	8.6	0.0	0.0	0.0	48.9	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	4.8
3655	638979.14	4873682.86	324.39	0	DEN	2000	59.6	8.6	0.0	0.0	0.0	48.9	0.8	-1.0	0.0	0.0	18.7	0.0	0.0	0.8
3655	638979.14	4873682.86	324.39	0	DEN	4000	55.4	8.6	0.0	0.0	0.0	48.9	2.6	-1.0	0.0	0.0	21.0	0.0	0.0	-7.5
3655	638979.14	4873682.86	324.39	0	DEN	8000	52.3	8.6	0.0	0.0	0.0	48.9	9.2	-1.0	0.0	0.0	21.0	0.0	0.0	-17.2
3660	638975.60	4873700.31	324.78	0	DEN	32	29.0	7.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-17.1
3660	638975.60	4873700.31	324.78	0	DEN	63	37.2	7.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-9.9
3660	638975.60	4873700.31	324.78	0	DEN	125	43.3	7.2	0.0	0.0	0.0	47.3	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-5.3
3660	638975.60	4873700.31	324.78	0	DEN	250	48.8	7.2	0.0	0.0	0.0	47.3	0.1	2.2	0.0	0.0	8.2	0.0	0.0	-1.8
3660	638975.60	4873700.31	324.78	0	DEN	500	54.2	7.2	0.0	0.0	0.0	47.3	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	1.2
3660	638975.60	4873700.31	324.78	0	DEN	1000	60.4	7.2	0.0	0.0	0.0	47.3	0.2	-0.9	0.0	0.0	16.4	0.0	0.0	4.6
3660	638975.60	4873700.31	324.78	0	DEN	2000	59.6	7.2	0.0	0.0	0.0	47.3	0.6	-0.9	0.0	0.0	19.2	0.0	0.0	0.6
3660	638975.60	4873700.31	324.78	0	DEN	4000	55.4	7.2	0.0	0.0	0.0	47.3	2.1	-0.9	0.0	0.0	20.9	0.0	0.0	-6.8
3660	638975.60	4873700.31	324.78	0	DEN	8000	52.3	7.2	0.0	0.0	0.0	47.3	7.6	-0.9	0.0	0.0	20.9	0.0	0.0	-15.4
3667	638978.11	4873689.01	324.59	0	DEN	32	29.0	7.2	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-18.1
3667	638978.11	4873689.01	324.59	0	DEN	63	37.2	7.2	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-10.8
3667	638978.11	4873689.01	324.59	0	DEN	125	43.3	7.2	0.0	0.0	0.0	48.3	0.0	1.2	0.0	0.0	7.1	0.0	0.0	-6.1
3667	638978.11	4873689.01	324.59	0	DEN	250	48.8	7.2	0.0	0.0	0.0	48.3	0.1	2.1	0.0	0.0	8.1	0.0	0.0	-2.6
3667	638978.11	4873689.01	324.59	0	DEN	500	54.2	7.2	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	0.4
3667	638978.11	4873689.01	324.59	0	DEN	1000	60.4	7.2	0.0	0.0	0.0	48.3	0.3	-1.0	0.0	0.0	16.2	0.0	0.0	3.8
3667	638978.11	4873689.01	324.59	0	DEN	2000	59.6	7.2	0.0	0.0	0.0	48.3	0.7	-1.0	0.0	0.0	19.0	0.0	0.0	-0.2
3667	638978.11	4873689.01	324.59	0	DEN	4000	55.4	7.2	0.0	0.0	0.0	48.3	2.4	-1.0	0.0	0.0	21.0	0.0	0.0	-8.1
3667	638978.11	4873689.01	324.59	0	DEN	8000	52.3	7.2	0.0	0.0	0.0	48.3	8.6	-1.0	0.0	0.0	21.0	0.0	0.0	-17.4
3673	638979.28	4873683.26	324.46	0	DEN	32	29.0	7.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-18.6
3673	638979.28	4873683.26	324.46	0	DEN	63	37.2	7.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-11.3
3673	638979.28	4873683.26	324.46	0	DEN	125	43.3	7.2	0.0	0.0	0.0	48.8	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-6.5
3673	638979.28	4873683.26	324.46	0	DEN	250	48.8	7.2	0.0	0.0	0.0	48.8	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-3.0
3673	638979.28	4873683.26	324.46	0	DEN	500	54.2	7.2	0.0	0.0	0.0	48.8	0.2	-0.6	0.0	0.0	12.9	0.0	0.0	0.1
3673	638979.28	4873683.26	324.46	0	DEN	1000	60.4	7.2	0.0	0.0	0.0	48.8	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	3.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3673	638979.28	4873683.26	324.46	0	DEN	2000	59.6	7.2	0.0	0.0	0.0	48.8	0.8	-1.0	0.0	0.0	18.7	0.0	0.0	-0.6
3673	638979.28	4873683.26	324.46	0	DEN	4000	55.4	7.2	0.0	0.0	0.0	48.8	2.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.8
3673	638979.28	4873683.26	324.46	0	DEN	8000	52.3	7.2	0.0	0.0	0.0	48.8	9.1	-1.0	0.0	0.0	21.0	0.0	0.0	-18.5
3680	638984.45	4873660.85	324.14	0	DEN	32	29.0	7.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-20.2
3680	638984.45	4873660.85	324.14	0	DEN	63	37.2	7.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-12.8
3680	638984.45	4873660.85	324.14	0	DEN	125	43.3	7.2	0.0	0.0	0.0	50.7	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-7.9
3680	638984.45	4873660.85	324.14	0	DEN	250	48.8	7.2	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-4.2
3680	638984.45	4873660.85	324.14	0	DEN	500	54.2	7.2	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	12.3	0.0	0.0	-1.1
3680	638984.45	4873660.85	324.14	0	DEN	1000	60.4	7.2	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	15.2	0.0	0.0	2.4
3680	638984.45	4873660.85	324.14	0	DEN	2000	59.6	7.2	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	18.0	0.0	0.0	-1.7
3680	638984.45	4873660.85	324.14	0	DEN	4000	55.4	7.2	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	20.9	0.0	0.0	-11.0
3680	638984.45	4873660.85	324.14	0	DEN	8000	52.3	7.2	0.0	0.0	0.0	50.7	11.3	-1.1	0.0	0.0	21.1	0.0	0.0	-22.6
3688	638990.87	4873629.80	323.48	0	DEN	32	29.0	9.6	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-19.8
3688	638990.87	4873629.80	323.48	0	DEN	63	37.2	9.6	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-12.2
3688	638990.87	4873629.80	323.48	0	DEN	125	43.3	9.6	0.0	0.0	0.0	53.0	0.1	1.4	0.0	0.0	5.6	0.0	0.0	-7.1
3688	638990.87	4873629.80	323.48	0	DEN	250	48.8	9.6	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.5	0.0	0.0	-3.1
3688	638990.87	4873629.80	323.48	0	DEN	500	54.2	9.6	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.2	0.0	0.0	0.2
3688	638990.87	4873629.80	323.48	0	DEN	1000	60.4	9.6	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.0	0.0	0.0	3.8
3688	638990.87	4873629.80	323.48	0	DEN	2000	59.6	9.6	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.6	0.0	0.0	-0.4
3688	638990.87	4873629.80	323.48	0	DEN	4000	55.4	9.6	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.4	0.0	0.0	-10.3
3688	638990.87	4873629.80	323.48	0	DEN	8000	52.3	9.6	0.0	0.0	0.0	53.0	14.7	-1.2	0.0	0.0	21.2	0.0	0.0	-25.8
3695	638932.73	4873894.60	328.13	1	DEN	1000	60.4	-12.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-19.4
3695	638932.73	4873894.60	328.13	1	DEN	2000	59.6	-12.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-23.6
3695	638932.73	4873894.60	328.13	1	DEN	4000	55.4	-12.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-34.5
3695	638932.73	4873894.60	328.13	1	DEN	8000	52.3	-12.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-55.7
3719	638956.72	4873798.58	326.56	0	DEN	32	29.0	7.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-17.1
3719	638956.72	4873798.58	326.56	0	DEN	63	37.2	7.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-9.6
3719	638956.72	4873798.58	326.56	0	DEN	125	43.3	7.8	0.0	0.0	0.0	48.3	0.0	1.2	0.0	0.0	6.4	0.0	0.0	-4.7
3719	638956.72	4873798.58	326.56	0	DEN	250	48.8	7.8	0.0	0.0	0.0	48.3	0.1	2.1	0.0	0.0	7.1	0.0	0.0	-0.9
3719	638956.72	4873798.58	326.56	0	DEN	500	54.2	7.8	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	12.1	0.0	0.0	2.2
3719	638956.72	4873798.58	326.56	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	48.3	0.3	-1.0	0.0	0.0	15.0	0.0	0.0	5.8
3719	638956.72	4873798.58	326.56	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	48.3	0.7	-1.0	0.0	0.0	17.7	0.0	0.0	1.8
3719	638956.72	4873798.58	326.56	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	48.3	2.4	-1.0	0.0	0.0	20.6	0.0	0.0	-6.9
3719	638956.72	4873798.58	326.56	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	48.3	8.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.6
3726	638960.69	4873783.61	326.19	0	DEN	32	29.0	4.8	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-18.9
3726	638960.69	4873783.61	326.19	0	DEN	63	37.2	4.8	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-11.7
3726	638960.69	4873783.61	326.19	0	DEN	125	43.3	4.8	0.0	0.0	0.0	46.7	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-7.0
3726	638960.69	4873783.61	326.19	0	DEN	250	48.8	4.8	0.0	0.0	0.0	46.7	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-3.5
3726	638960.69	4873783.61	326.19	0	DEN	500	54.2	4.8	0.0	0.0	0.0	46.7	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	-0.5
3726	638960.69	4873783.61	326.19	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	46.7	0.2	-0.9	0.0	0.0	16.3	0.0	0.0	2.9
3726	638960.69	4873783.61	326.19	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	46.7	0.6	-1.0	0.0	0.0	19.1	0.0	0.0	-1.0
3726	638960.69	4873783.61	326.19	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	46.7	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-8.5
3726	638960.69	4873783.61	326.19	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	46.7	7.1	-1.0	0.0	0.0	21.0	0.0	0.0	-16.8
3730	638962.34	4873776.84	326.10	0	DEN	32	29.0	1.8	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-21.4
3730	638962.34	4873776.84	326.10	0	DEN	63	37.2	1.8	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-14.2
3730	638962.34	4873776.84	326.10	0	DEN	125	43.3	1.8	0.0	0.0	0.0	46.1	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-9.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3730	638962.34	4873776.84	326.10	0	DEN	250	48.8	1.8	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	9.0	0.0	0.0	-6.2
3730	638962.34	4873776.84	326.10	0	DEN	500	54.2	1.8	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.8	0.0	0.0	-3.3
3730	638962.34	4873776.84	326.10	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	46.1	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	0.1
3730	638962.34	4873776.84	326.10	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.7	0.0	0.0	-3.8
3730	638962.34	4873776.84	326.10	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-10.7
3730	638962.34	4873776.84	326.10	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
3735	638965.08	4873766.35	325.86	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-20.7
3735	638965.08	4873766.35	325.86	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-13.7
3735	638965.08	4873766.35	325.86	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-9.3
3735	638965.08	4873766.35	325.86	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.7	0.0	0.0	-6.0
3735	638965.08	4873766.35	325.86	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-3.1
3735	638965.08	4873766.35	325.86	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	0.3
3735	638965.08	4873766.35	325.86	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-3.7
3735	638965.08	4873766.35	325.86	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
3735	638965.08	4873766.35	325.86	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-16.8
3743	638953.42	4873812.12	326.75	0	DEN	32	29.0	10.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-15.2
3743	638953.42	4873812.12	326.75	0	DEN	63	37.2	10.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-7.6
3743	638953.42	4873812.12	326.75	0	DEN	125	43.3	10.9	0.0	0.0	0.0	49.5	0.0	1.4	0.0	0.0	5.7	0.0	0.0	-2.5
3743	638953.42	4873812.12	326.75	0	DEN	250	48.8	10.9	0.0	0.0	0.0	49.5	0.1	2.3	0.0	0.0	6.2	0.0	0.0	1.5
3743	638953.42	4873812.12	326.75	0	DEN	500	54.2	10.9	0.0	0.0	0.0	49.5	0.2	-0.6	0.0	0.0	11.2	0.0	0.0	4.8
3743	638953.42	4873812.12	326.75	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	49.5	0.3	-1.0	0.0	0.0	14.0	0.0	0.0	8.4
3743	638953.42	4873812.12	326.75	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	49.5	0.8	-1.0	0.0	0.0	16.6	0.0	0.0	4.5
3743	638953.42	4873812.12	326.75	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	49.5	2.8	-1.0	0.0	0.0	19.5	0.0	0.0	-4.5
3743	638953.42	4873812.12	326.75	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	49.5	9.9	-1.0	0.0	0.0	21.0	0.0	0.0	-16.2
3751	638947.66	4873834.62	327.20	0	DEN	32	29.0	10.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-16.8
3751	638947.66	4873834.62	327.20	0	DEN	63	37.2	10.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-9.0
3751	638947.66	4873834.62	327.20	0	DEN	125	43.3	10.9	0.0	0.0	0.0	51.4	0.0	1.2	0.0	0.0	5.1	0.0	0.0	-3.6
3751	638947.66	4873834.62	327.20	0	DEN	250	48.8	10.9	0.0	0.0	0.0	51.4	0.1	1.9	0.0	0.0	5.6	0.0	0.0	0.7
3751	638947.66	4873834.62	327.20	0	DEN	500	54.2	10.9	0.0	0.0	0.0	51.4	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	4.4
3751	638947.66	4873834.62	327.20	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	51.4	0.4	-1.2	0.0	0.0	12.4	0.0	0.0	8.3
3751	638947.66	4873834.62	327.20	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	51.4	1.0	-1.2	0.0	0.0	14.9	0.0	0.0	4.3
3751	638947.66	4873834.62	327.20	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	51.4	3.4	-1.2	0.0	0.0	17.6	0.0	0.0	-5.0
3751	638947.66	4873834.62	327.20	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	51.4	12.3	-1.2	0.0	0.0	20.5	0.0	0.0	-19.8
3758	638944.07	4873849.68	327.37	0	DEN	32	29.0	7.8	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-20.8
3758	638944.07	4873849.68	327.37	0	DEN	63	37.2	7.8	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-12.9
3758	638944.07	4873849.68	327.37	0	DEN	125	43.3	7.8	0.0	0.0	0.0	52.5	0.0	1.2	0.0	0.0	4.8	0.0	0.0	-7.5
3758	638944.07	4873849.68	327.37	0	DEN	250	48.8	7.8	0.0	0.0	0.0	52.5	0.1	1.7	0.0	0.0	5.3	0.0	0.0	-3.0
3758	638944.07	4873849.68	327.37	0	DEN	500	54.2	7.8	0.0	0.0	0.0	52.5	0.2	-0.9	0.0	0.0	9.4	0.0	0.0	0.8
3758	638944.07	4873849.68	327.37	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	52.5	0.4	-1.3	0.0	0.0	11.7	0.0	0.0	4.9
3758	638944.07	4873849.68	327.37	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	52.5	1.1	-1.3	0.0	0.0	14.1	0.0	0.0	1.0
3758	638944.07	4873849.68	327.37	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	52.5	3.9	-1.3	0.0	0.0	16.7	0.0	0.0	-8.6
3758	638944.07	4873849.68	327.37	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	52.5	13.9	-1.3	0.0	0.0	19.6	0.0	0.0	-24.6
3763	638938.03	4873873.71	327.80	0	DEN	32	29.0	7.8	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-22.0
3763	638938.03	4873873.71	327.80	0	DEN	63	37.2	7.8	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-14.1
3763	638938.03	4873873.71	327.80	0	DEN	125	43.3	7.8	0.0	0.0	0.0	54.1	0.1	1.4	0.0	0.0	4.2	0.0	0.0	-8.6
3763	638938.03	4873873.71	327.80	0	DEN	250	48.8	7.8	0.0	0.0	0.0	54.1	0.1	1.9	0.0	0.0	4.3	0.0	0.0	-3.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3763	638938.03	4873873.71	327.80	0	DEN	500	54.2	7.8	0.0	0.0	0.0	54.1	0.3	-0.9	0.0	0.0	8.3	0.0	0.0	0.3
3763	638938.03	4873873.71	327.80	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	54.1	0.5	-1.2	0.0	0.0	10.2	0.0	0.0	4.6
3763	638938.03	4873873.71	327.80	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	54.1	1.4	-1.2	0.0	0.0	12.4	0.0	0.0	0.9
3763	638938.03	4873873.71	327.80	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	54.1	4.7	-1.2	0.0	0.0	14.8	0.0	0.0	-9.1
3763	638938.03	4873873.71	327.80	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	54.1	16.6	-1.2	0.0	0.0	17.5	0.0	0.0	-26.9
3769	638968.56	4873749.67	325.89	0	DEN	32	29.0	10.9	0.0	0.0	0.0	44.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-11.0
3769	638968.56	4873749.67	325.89	0	DEN	63	37.2	10.9	0.0	0.0	0.0	44.1	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-4.1
3769	638968.56	4873749.67	325.89	0	DEN	125	43.3	10.9	0.0	0.0	0.0	44.1	0.0	0.6	0.0	0.0	9.2	0.0	0.0	0.2
3769	638968.56	4873749.67	325.89	0	DEN	250	48.8	10.9	0.0	0.0	0.0	44.1	0.0	1.4	0.0	0.0	10.7	0.0	0.0	3.4
3769	638968.56	4873749.67	325.89	0	DEN	500	54.2	10.9	0.0	0.0	0.0	44.1	0.1	-0.8	0.0	0.0	15.4	0.0	0.0	6.2
3769	638968.56	4873749.67	325.89	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	44.1	0.2	-1.1	0.0	0.0	18.5	0.0	0.0	9.5
3769	638968.56	4873749.67	325.89	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	44.1	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	5.9
3769	638968.56	4873749.67	325.89	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	44.1	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	0.6
3769	638968.56	4873749.67	325.89	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	44.1	5.3	-1.1	0.0	0.0	21.1	0.0	0.0	-6.3
3777	638965.26	4873763.21	326.09	0	DEN	32	29.0	10.9	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-11.3
3777	638965.26	4873763.21	326.09	0	DEN	63	37.2	10.9	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-4.3
3777	638965.26	4873763.21	326.09	0	DEN	125	43.3	10.9	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.1	0.0	0.0	0.2
3777	638965.26	4873763.21	326.09	0	DEN	250	48.8	10.9	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	9.4	0.0	0.0	3.6
3777	638965.26	4873763.21	326.09	0	DEN	500	54.2	10.9	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	6.4
3777	638965.26	4873763.21	326.09	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	9.8
3777	638965.26	4873763.21	326.09	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	5.9
3777	638965.26	4873763.21	326.09	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-0.3
3777	638965.26	4873763.21	326.09	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-7.5
3785	638964.41	4873767.78	326.03	0	DEN	32	29.0	7.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-14.7
3785	638964.41	4873767.78	326.03	0	DEN	63	37.2	7.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-7.6
3785	638964.41	4873767.78	326.03	0	DEN	125	43.3	7.8	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-3.1
3785	638964.41	4873767.78	326.03	0	DEN	250	48.8	7.8	0.0	0.0	0.0	45.2	0.1	1.7	0.0	0.0	9.4	0.0	0.0	0.3
3785	638964.41	4873767.78	326.03	0	DEN	500	54.2	7.8	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	14.2	0.0	0.0	3.2
3785	638964.41	4873767.78	326.03	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	6.6
3785	638964.41	4873767.78	326.03	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	2.6
3785	638964.41	4873767.78	326.03	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-3.7
3785	638964.41	4873767.78	326.03	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-11.1
3794	638961.68	4873778.27	326.26	0	DEN	32	29.0	7.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-15.4
3794	638961.68	4873778.27	326.26	0	DEN	63	37.2	7.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-8.2
3794	638961.68	4873778.27	326.26	0	DEN	125	43.3	7.8	0.0	0.0	0.0	46.2	0.0	0.9	0.0	0.0	7.5	0.0	0.0	-3.5
3794	638961.68	4873778.27	326.26	0	DEN	250	48.8	7.8	0.0	0.0	0.0	46.2	0.1	1.8	0.0	0.0	8.6	0.0	0.0	0.0
3794	638961.68	4873778.27	326.26	0	DEN	500	54.2	7.8	0.0	0.0	0.0	46.2	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	3.0
3794	638961.68	4873778.27	326.26	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	46.2	0.2	-1.0	0.0	0.0	16.4	0.0	0.0	6.4
3794	638961.68	4873778.27	326.26	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	46.2	0.6	-1.0	0.0	0.0	19.2	0.0	0.0	2.5
3794	638961.68	4873778.27	326.26	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	46.2	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-4.9
3794	638961.68	4873778.27	326.26	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	46.2	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-12.9
3803	638959.22	4873787.23	326.52	0	DEN	32	29.0	7.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-16.1
3803	638959.22	4873787.23	326.52	0	DEN	63	37.2	7.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-8.7
3803	638959.22	4873787.23	326.52	0	DEN	125	43.3	7.8	0.0	0.0	0.0	47.2	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-3.9
3803	638959.22	4873787.23	326.52	0	DEN	250	48.8	7.8	0.0	0.0	0.0	47.2	0.1	2.1	0.0	0.0	7.5	0.0	0.0	-0.2
3803	638959.22	4873787.23	326.52	0	DEN	500	54.2	7.8	0.0	0.0	0.0	47.2	0.1	-0.6	0.0	0.0	12.4	0.0	0.0	2.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3803	638959.22	4873787.23	326.52	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	47.2	0.2	-1.0	0.0	0.0	15.4	0.0	0.0	6.4
3803	638959.22	4873787.23	326.52	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	47.2	0.6	-1.0	0.0	0.0	18.1	0.0	0.0	2.5
3803	638959.22	4873787.23	326.52	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	47.2	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-6.0
3803	638959.22	4873787.23	326.52	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	47.2	7.5	-1.0	0.0	0.0	21.0	0.0	0.0	-14.5
3812	638955.92	4873800.77	326.71	0	DEN	32	29.0	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-17.2
3812	638955.92	4873800.77	326.71	0	DEN	63	37.2	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-9.7
3812	638955.92	4873800.77	326.71	0	DEN	125	43.3	7.8	0.0	0.0	0.0	48.5	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-4.7
3812	638955.92	4873800.77	326.71	0	DEN	250	48.8	7.8	0.0	0.0	0.0	48.5	0.1	2.1	0.0	0.0	6.8	0.0	0.0	-0.9
3812	638955.92	4873800.77	326.71	0	DEN	500	54.2	7.8	0.0	0.0	0.0	48.5	0.1	-0.7	0.0	0.0	11.7	0.0	0.0	2.4
3812	638955.92	4873800.77	326.71	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	48.5	0.3	-1.0	0.0	0.0	14.5	0.0	0.0	6.0
3812	638955.92	4873800.77	326.71	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	48.5	0.7	-1.1	0.0	0.0	17.2	0.0	0.0	2.1
3812	638955.92	4873800.77	326.71	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	48.5	2.5	-1.1	0.0	0.0	20.1	0.0	0.0	-6.7
3812	638955.92	4873800.77	326.71	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	48.5	8.8	-1.1	0.0	0.0	21.1	0.0	0.0	-17.1
3822	638932.84	4873894.70	328.14	1	DEN	1000	60.4	-8.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-15.5
3822	638932.84	4873894.70	328.14	1	DEN	2000	59.6	-8.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-19.6
3822	638932.84	4873894.70	328.14	1	DEN	4000	55.4	-8.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-30.6
3822	638932.84	4873894.70	328.14	1	DEN	8000	52.3	-8.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-51.7
3834	638824.05	4873515.64	324.11	0	DEN	32	29.0	24.8	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-11.6
3834	638824.05	4873515.64	324.11	0	DEN	63	37.2	24.8	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-3.5
3834	638824.05	4873515.64	324.11	0	DEN	125	43.3	24.8	0.0	0.0	0.0	60.7	0.1	1.1	0.0	0.0	3.7	0.0	0.0	2.5
3834	638824.05	4873515.64	324.11	0	DEN	250	48.8	24.8	0.0	0.0	0.0	60.7	0.3	1.4	0.0	0.0	3.4	0.0	0.0	7.8
3834	638824.05	4873515.64	324.11	0	DEN	500	54.2	24.8	0.0	0.0	0.0	60.7	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	12.8
3834	638824.05	4873515.64	324.11	0	DEN	1000	60.4	24.8	0.0	0.0	0.0	60.7	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	18.4
3834	638824.05	4873515.64	324.11	0	DEN	2000	59.6	24.8	0.0	0.0	0.0	60.7	2.9	-1.8	0.0	0.0	7.2	0.0	0.0	15.5
3834	638824.05	4873515.64	324.11	0	DEN	4000	55.4	24.8	0.0	0.0	0.0	60.7	10.0	-1.8	0.0	0.0	7.7	0.0	0.0	3.7
3834	638824.05	4873515.64	324.11	0	DEN	8000	52.3	24.8	0.0	0.0	0.0	60.7	35.5	-1.8	0.0	0.0	8.6	0.0	0.0	-25.8
3844	638811.32	4873515.36	324.06	0	DEN	32	29.0	23.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-13.2
3844	638811.32	4873515.36	324.06	0	DEN	63	37.2	23.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-5.1
3844	638811.32	4873515.36	324.06	0	DEN	125	43.3	23.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.8	0.0	0.0	0.9
3844	638811.32	4873515.36	324.06	0	DEN	250	48.8	23.5	0.0	0.0	0.0	60.9	0.3	1.4	0.0	0.0	3.5	0.0	0.0	6.2
3844	638811.32	4873515.36	324.06	0	DEN	500	54.2	23.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	11.3
3844	638811.32	4873515.36	324.06	0	DEN	1000	60.4	23.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	6.9	0.0	0.0	16.8
3844	638811.32	4873515.36	324.06	0	DEN	2000	59.6	23.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	7.2	0.0	0.0	13.8
3844	638811.32	4873515.36	324.06	0	DEN	4000	55.4	23.5	0.0	0.0	0.0	60.9	10.2	-1.9	0.0	0.0	7.7	0.0	0.0	1.9
3844	638811.32	4873515.36	324.06	0	DEN	8000	52.3	23.5	0.0	0.0	0.0	60.9	36.5	-1.9	0.0	0.0	8.5	0.0	0.0	-28.3
3853	638785.59	4873534.10	324.55	0	DEN	32	29.0	32.6	0.0	0.0	0.0	61.0	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-4.2
3853	638785.59	4873534.10	324.55	0	DEN	63	37.2	32.6	0.0	0.0	0.0	61.0	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	4.0
3853	638785.59	4873534.10	324.55	0	DEN	125	43.3	32.6	0.0	0.0	0.0	61.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	10.0
3853	638785.59	4873534.10	324.55	0	DEN	250	48.8	32.6	0.0	0.0	0.0	61.0	0.3	1.3	0.0	0.0	3.5	0.0	0.0	15.2
3853	638785.59	4873534.10	324.55	0	DEN	500	54.2	32.6	0.0	0.0	0.0	61.0	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	20.2
3853	638785.59	4873534.10	324.55	0	DEN	1000	60.4	32.6	0.0	0.0	0.0	61.0	1.2	-1.9	0.0	0.0	7.0	0.0	0.0	25.7
3853	638785.59	4873534.10	324.55	0	DEN	2000	59.6	32.6	0.0	0.0	0.0	61.0	3.1	-1.9	0.0	0.0	7.4	0.0	0.0	22.7
3853	638785.59	4873534.10	324.55	0	DEN	4000	55.4	32.6	0.0	0.0	0.0	61.0	10.4	-1.9	0.0	0.0	8.0	0.0	0.0	10.6
3853	638785.59	4873534.10	324.55	0	DEN	8000	52.3	32.6	0.0	0.0	0.0	61.0	37.0	-1.9	0.0	0.0	9.0	0.0	0.0	-20.1
3862	638772.69	4873563.29	325.42	0	DEN	32	29.0	29.6	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-6.9
3862	638772.69	4873563.29	325.42	0	DEN	63	37.2	29.6	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	1.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3862	638772.69	4873563.29	325.42	0	DEN	125	43.3	29.6	0.0	0.0	0.0	60.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	7.2
3862	638772.69	4873563.29	325.42	0	DEN	250	48.8	29.6	0.0	0.0	0.0	60.7	0.3	1.3	0.0	0.0	3.6	0.0	0.0	12.4
3862	638772.69	4873563.29	325.42	0	DEN	500	54.2	29.6	0.0	0.0	0.0	60.7	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	17.4
3862	638772.69	4873563.29	325.42	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	60.7	1.1	-1.9	0.0	0.0	7.2	0.0	0.0	22.8
3862	638772.69	4873563.29	325.42	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	60.7	3.0	-1.9	0.0	0.0	7.7	0.0	0.0	19.7
3862	638772.69	4873563.29	325.42	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	60.7	10.1	-1.9	0.0	0.0	8.5	0.0	0.0	7.6
3862	638772.69	4873563.29	325.42	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	60.7	35.9	-1.9	0.0	0.0	9.8	0.0	0.0	-22.6
3869	638728.47	4873600.41	326.43	0	DEN	32	29.0	29.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.8	0.0	0.0	-7.4
3869	638728.47	4873600.41	326.43	0	DEN	63	37.2	29.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	0.7
3869	638728.47	4873600.41	326.43	0	DEN	125	43.3	29.6	0.0	0.0	0.0	61.2	0.1	1.0	0.0	0.0	3.9	0.0	0.0	6.7
3869	638728.47	4873600.41	326.43	0	DEN	250	48.8	29.6	0.0	0.0	0.0	61.2	0.3	1.3	0.0	0.0	3.7	0.0	0.0	11.9
3869	638728.47	4873600.41	326.43	0	DEN	500	54.2	29.6	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	16.8
3869	638728.47	4873600.41	326.43	0	DEN	1000	60.4	29.6	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.4	0.0	0.0	22.1
3869	638728.47	4873600.41	326.43	0	DEN	2000	59.6	29.6	0.0	0.0	0.0	61.2	3.1	-1.9	0.0	0.0	8.1	0.0	0.0	18.7
3869	638728.47	4873600.41	326.43	0	DEN	4000	55.4	29.6	0.0	0.0	0.0	61.2	10.6	-1.9	0.0	0.0	9.1	0.0	0.0	6.0
3869	638728.47	4873600.41	326.43	0	DEN	8000	52.3	29.6	0.0	0.0	0.0	61.2	37.8	-1.9	0.0	0.0	10.6	0.0	0.0	-25.8
3877	638796.67	4873505.24	323.69	1	DEN	1000	60.4	20.0	0.0	0.0	0.0	61.5	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	11.6
3877	638796.67	4873505.24	323.69	1	DEN	2000	59.6	20.0	0.0	0.0	0.0	61.5	3.3	-1.9	0.0	0.0	7.1	0.0	1.0	8.6
3877	638796.67	4873505.24	323.69	1	DEN	4000	55.4	20.0	0.0	0.0	0.0	61.5	11.0	-1.9	0.0	0.0	7.5	0.0	1.0	-3.8
3877	638796.67	4873505.24	323.69	1	DEN	8000	52.3	20.0	0.0	0.0	0.0	61.5	39.3	-1.9	0.0	0.0	8.2	0.0	1.0	-35.9
3890	638962.02	4873769.92	325.94	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-21.0
3890	638962.02	4873769.92	325.94	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-13.8
3890	638962.02	4873769.92	325.94	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	7.8	0.0	0.0	-9.2
3890	638962.02	4873769.92	325.94	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	9.0	0.0	0.0	-5.7
3890	638962.02	4873769.92	325.94	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-2.8
3890	638962.02	4873769.92	325.94	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	0.6
3890	638962.02	4873769.92	325.94	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	19.6	0.0	0.0	-3.3
3890	638962.02	4873769.92	325.94	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-10.3
3890	638962.02	4873769.92	325.94	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.7	6.4	-1.1	0.0	0.0	21.1	0.0	0.0	-18.0
3898	638958.95	4873782.18	326.16	0	DEN	32	29.0	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-21.9
3898	638958.95	4873782.18	326.16	0	DEN	63	37.2	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-14.6
3898	638958.95	4873782.18	326.16	0	DEN	125	43.3	1.8	0.0	0.0	0.0	46.8	0.0	1.1	0.0	0.0	6.9	0.0	0.0	-9.8
3898	638958.95	4873782.18	326.16	0	DEN	250	48.8	1.8	0.0	0.0	0.0	46.8	0.1	2.0	0.0	0.0	7.9	0.0	0.0	-6.2
3898	638958.95	4873782.18	326.16	0	DEN	500	54.2	1.8	0.0	0.0	0.0	46.8	0.1	-0.6	0.0	0.0	12.8	0.0	0.0	-3.2
3898	638958.95	4873782.18	326.16	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	46.8	0.2	-1.0	0.0	0.0	15.8	0.0	0.0	0.3
3898	638958.95	4873782.18	326.16	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	46.8	0.6	-1.0	0.0	0.0	18.6	0.0	0.0	-3.6
3898	638958.95	4873782.18	326.16	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	46.8	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-11.7
3898	638958.95	4873782.18	326.16	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	46.8	7.2	-1.0	0.0	0.0	21.0	0.0	0.0	-20.0
3907	638963.86	4873762.10	325.81	0	DEN	32	29.0	4.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-17.6
3907	638963.86	4873762.10	325.81	0	DEN	63	37.2	4.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-10.5
3907	638963.86	4873762.10	325.81	0	DEN	125	43.3	4.8	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-6.0
3907	638963.86	4873762.10	325.81	0	DEN	250	48.8	4.8	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-2.6
3907	638963.86	4873762.10	325.81	0	DEN	500	54.2	4.8	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	0.2
3907	638963.86	4873762.10	325.81	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	3.6
3907	638963.86	4873762.10	325.81	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-0.3
3907	638963.86	4873762.10	325.81	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-6.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3907	638963.86	4873762.10	325.81	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-13.9
3917	638966.16	4873752.91	325.64	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-20.3
3917	638966.16	4873752.91	325.64	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-13.4
3917	638966.16	4873752.91	325.64	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.6	0.0	0.9	0.0	0.0	8.7	0.0	0.0	-9.0
3917	638966.16	4873752.91	325.64	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.6	0.0	1.7	0.0	0.0	10.1	0.0	0.0	-5.8
3917	638966.16	4873752.91	325.64	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.6	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-3.0
3917	638966.16	4873752.91	325.64	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.6	0.2	-0.9	0.0	0.0	18.0	0.0	0.0	0.4
3917	638966.16	4873752.91	325.64	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.6	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-3.6
3917	638966.16	4873752.91	325.64	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.6	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.9
3917	638966.16	4873752.91	325.64	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.6	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-16.0
3925	638968.01	4873745.09	325.51	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-20.3
3925	638968.01	4873745.09	325.51	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-13.4
3925	638968.01	4873745.09	325.51	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.3	0.0	0.6	0.0	0.0	9.3	0.0	0.0	-9.2
3925	638968.01	4873745.09	325.51	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.3	0.0	1.4	0.0	0.0	10.8	0.0	0.0	-6.0
3925	638968.01	4873745.09	325.51	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.3	0.1	-0.8	0.0	0.0	15.6	0.0	0.0	-3.2
3925	638968.01	4873745.09	325.51	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.3	0.2	-1.1	0.0	0.0	18.7	0.0	0.0	0.1
3925	638968.01	4873745.09	325.51	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.3	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	-3.4
3925	638968.01	4873745.09	325.51	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.3	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-8.7
3925	638968.01	4873745.09	325.51	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.3	5.4	-1.1	0.0	0.0	21.1	0.0	0.0	-15.7
3935	638969.09	4873740.33	325.42	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-20.4
3935	638969.09	4873740.33	325.42	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-13.6
3935	638969.09	4873740.33	325.42	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.4	0.0	0.8	0.0	0.0	9.3	0.0	0.0	-9.3
3935	638969.09	4873740.33	325.42	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.4	0.0	1.6	0.0	0.0	10.8	0.0	0.0	-6.2
3935	638969.09	4873740.33	325.42	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.4	0.1	-0.7	0.0	0.0	15.7	0.0	0.0	-3.4
3935	638969.09	4873740.33	325.42	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.4	0.2	-1.0	0.0	0.0	18.8	0.0	0.0	-0.1
3935	638969.09	4873740.33	325.42	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.4	0.4	-1.0	0.0	0.0	21.0	0.0	0.0	-3.4
3935	638969.09	4873740.33	325.42	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.4	1.5	-1.0	0.0	0.0	21.0	0.0	0.0	-8.7
3935	638969.09	4873740.33	325.42	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.4	5.4	-1.0	0.0	0.0	21.0	0.0	0.0	-15.7
3945	638972.47	4873726.38	325.18	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-20.8
3945	638972.47	4873726.38	325.18	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-13.9
3945	638972.47	4873726.38	325.18	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	9.1	0.0	0.0	-9.7
3945	638972.47	4873726.38	325.18	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.6	0.0	0.0	-6.5
3945	638972.47	4873726.38	325.18	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.5	0.0	0.0	-3.8
3945	638972.47	4873726.38	325.18	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.6	0.0	0.0	-0.4
3945	638972.47	4873726.38	325.18	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-3.9
3945	638972.47	4873726.38	325.18	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.3
3945	638972.47	4873726.38	325.18	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-16.5
3952	638956.32	4873794.22	326.37	0	DEN	32	29.0	7.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-16.8
3952	638956.32	4873794.22	326.37	0	DEN	63	37.2	7.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-9.4
3952	638956.32	4873794.22	326.37	0	DEN	125	43.3	7.8	0.0	0.0	0.0	48.0	0.0	1.2	0.0	0.0	6.4	0.0	0.0	-4.5
3952	638956.32	4873794.22	326.37	0	DEN	250	48.8	7.8	0.0	0.0	0.0	48.0	0.1	2.1	0.0	0.0	7.2	0.0	0.0	-0.7
3952	638956.32	4873794.22	326.37	0	DEN	500	54.2	7.8	0.0	0.0	0.0	48.0	0.1	-0.6	0.0	0.0	12.1	0.0	0.0	2.4
3952	638956.32	4873794.22	326.37	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	48.0	0.3	-1.0	0.0	0.0	15.0	0.0	0.0	6.0
3952	638956.32	4873794.22	326.37	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	48.0	0.7	-1.0	0.0	0.0	17.8	0.0	0.0	2.0
3952	638956.32	4873794.22	326.37	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	48.0	2.3	-1.0	0.0	0.0	20.6	0.0	0.0	-6.7
3952	638956.32	4873794.22	326.37	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	48.0	8.2	-1.0	0.0	0.0	21.0	0.0	0.0	-16.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3960	638958.48	4873784.72	326.20	0	DEN	32	29.0	4.8	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-19.1
3960	638958.48	4873784.72	326.20	0	DEN	63	37.2	4.8	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-11.7
3960	638958.48	4873784.72	326.20	0	DEN	125	43.3	4.8	0.0	0.0	0.0	47.1	0.0	1.2	0.0	0.0	6.8	0.0	0.0	-7.0
3960	638958.48	4873784.72	326.20	0	DEN	250	48.8	4.8	0.0	0.0	0.0	47.1	0.1	2.1	0.0	0.0	7.7	0.0	0.0	-3.3
3960	638958.48	4873784.72	326.20	0	DEN	500	54.2	4.8	0.0	0.0	0.0	47.1	0.1	-0.6	0.0	0.0	12.7	0.0	0.0	-0.2
3960	638958.48	4873784.72	326.20	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	47.1	0.2	-1.0	0.0	0.0	15.6	0.0	0.0	3.3
3960	638958.48	4873784.72	326.20	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	47.1	0.6	-1.0	0.0	0.0	18.4	0.0	0.0	-0.7
3960	638958.48	4873784.72	326.20	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	47.1	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-8.9
3960	638958.48	4873784.72	326.20	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	47.1	7.4	-1.0	0.0	0.0	21.0	0.0	0.0	-17.4
3968	638961.55	4873772.46	325.99	0	DEN	32	29.0	4.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-18.1
3968	638961.55	4873772.46	325.99	0	DEN	63	37.2	4.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-10.9
3968	638961.55	4873772.46	325.99	0	DEN	125	43.3	4.8	0.0	0.0	0.0	45.9	0.0	0.8	0.0	0.0	7.7	0.0	0.0	-6.3
3968	638961.55	4873772.46	325.99	0	DEN	250	48.8	4.8	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-2.8
3968	638961.55	4873772.46	325.99	0	DEN	500	54.2	4.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	13.6	0.0	0.0	0.1
3968	638961.55	4873772.46	325.99	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	45.9	0.2	-1.1	0.0	0.0	16.6	0.0	0.0	3.6
3968	638961.55	4873772.46	325.99	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	45.9	0.5	-1.1	0.0	0.0	19.4	0.0	0.0	-0.4
3968	638961.55	4873772.46	325.99	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	45.9	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-7.5
3968	638961.55	4873772.46	325.99	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	45.9	6.5	-1.1	0.0	0.0	21.1	0.0	0.0	-15.3
3976	638953.10	4873807.33	326.60	0	DEN	32	29.0	7.8	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-17.9
3976	638953.10	4873807.33	326.60	0	DEN	63	37.2	7.8	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-10.3
3976	638953.10	4873807.33	326.60	0	DEN	125	43.3	7.8	0.0	0.0	0.0	49.2	0.0	1.2	0.0	0.0	5.9	0.0	0.0	-5.2
3976	638953.10	4873807.33	326.60	0	DEN	250	48.8	7.8	0.0	0.0	0.0	49.2	0.1	2.2	0.0	0.0	6.5	0.0	0.0	-1.3
3976	638953.10	4873807.33	326.60	0	DEN	500	54.2	7.8	0.0	0.0	0.0	49.2	0.2	-0.7	0.0	0.0	11.3	0.0	0.0	2.0
3976	638953.10	4873807.33	326.60	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	49.2	0.3	-1.1	0.0	0.0	14.1	0.0	0.0	5.7
3976	638953.10	4873807.33	326.60	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	49.2	0.8	-1.1	0.0	0.0	16.8	0.0	0.0	1.7
3976	638953.10	4873807.33	326.60	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	49.2	2.7	-1.1	0.0	0.0	19.6	0.0	0.0	-7.2
3976	638953.10	4873807.33	326.60	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	49.2	9.5	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
3983	638949.10	4873824.66	326.91	0	DEN	32	29.0	7.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-19.1
3983	638949.10	4873824.66	326.91	0	DEN	63	37.2	7.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-11.4
3983	638949.10	4873824.66	326.91	0	DEN	125	43.3	7.8	0.0	0.0	0.0	50.7	0.0	1.2	0.0	0.0	5.4	0.0	0.0	-6.2
3983	638949.10	4873824.66	326.91	0	DEN	250	48.8	7.8	0.0	0.0	0.0	50.7	0.1	2.0	0.0	0.0	5.9	0.0	0.0	-2.0
3983	638949.10	4873824.66	326.91	0	DEN	500	54.2	7.8	0.0	0.0	0.0	50.7	0.2	-0.8	0.0	0.0	10.4	0.0	0.0	1.5
3983	638949.10	4873824.66	326.91	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	50.7	0.4	-1.2	0.0	0.0	13.0	0.0	0.0	5.3
3983	638949.10	4873824.66	326.91	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	50.7	0.9	-1.2	0.0	0.0	15.6	0.0	0.0	1.4
3983	638949.10	4873824.66	326.91	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	50.7	3.2	-1.2	0.0	0.0	18.4	0.0	0.0	-7.8
3983	638949.10	4873824.66	326.91	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	50.7	11.3	-1.2	0.0	0.0	21.2	0.0	0.0	-21.8
3992	638946.78	4873835.01	327.09	0	DEN	32	29.0	7.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-19.9
3992	638946.78	4873835.01	327.09	0	DEN	63	37.2	7.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-12.1
3992	638946.78	4873835.01	327.09	0	DEN	125	43.3	7.8	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-6.7
3992	638946.78	4873835.01	327.09	0	DEN	250	48.8	7.8	0.0	0.0	0.0	51.5	0.1	1.8	0.0	0.0	5.6	0.0	0.0	-2.4
3992	638946.78	4873835.01	327.09	0	DEN	500	54.2	7.8	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	10.0	0.0	0.0	1.3
3992	638946.78	4873835.01	327.09	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	51.5	0.4	-1.2	0.0	0.0	12.4	0.0	0.0	5.2
3992	638946.78	4873835.01	327.09	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	51.5	1.0	-1.2	0.0	0.0	14.9	0.0	0.0	1.2
3992	638946.78	4873835.01	327.09	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	51.5	3.5	-1.2	0.0	0.0	17.7	0.0	0.0	-8.1
3992	638946.78	4873835.01	327.09	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	51.5	12.4	-1.2	0.0	0.0	20.5	0.0	0.0	-23.0
4000	638939.40	4873866.29	327.64	0	DEN	32	29.0	7.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-21.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4000	638939.40	4873866.29	327.64	0	DEN	63	37.2	7.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-13.9
4000	638939.40	4873866.29	327.64	0	DEN	125	43.3	7.8	0.0	0.0	0.0	53.6	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-8.2
4000	638939.40	4873866.29	327.64	0	DEN	250	48.8	7.8	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-3.6
4000	638939.40	4873866.29	327.64	0	DEN	500	54.2	7.8	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	0.5
4000	638939.40	4873866.29	327.64	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	53.6	0.5	-1.3	0.0	0.0	10.7	0.0	0.0	4.7
4000	638939.40	4873866.29	327.64	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	53.6	1.3	-1.3	0.0	0.0	12.9	0.0	0.0	0.9
4000	638939.40	4873866.29	327.64	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	53.6	4.4	-1.3	0.0	0.0	15.4	0.0	0.0	-8.9
4000	638939.40	4873866.29	327.64	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	53.6	15.8	-1.3	0.0	0.0	18.1	0.0	0.0	-26.2
4009	638976.50	4873706.74	324.84	0	DEN	32	29.0	10.9	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-13.0
4009	638976.50	4873706.74	324.84	0	DEN	63	37.2	10.9	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-5.9
4009	638976.50	4873706.74	324.84	0	DEN	125	43.3	10.9	0.0	0.0	0.0	46.5	0.0	1.2	0.0	0.0	7.9	0.0	0.0	-1.5
4009	638976.50	4873706.74	324.84	0	DEN	250	48.8	10.9	0.0	0.0	0.0	46.5	0.1	2.1	0.0	0.0	9.1	0.0	0.0	1.9
4009	638976.50	4873706.74	324.84	0	DEN	500	54.2	10.9	0.0	0.0	0.0	46.5	0.1	-0.5	0.0	0.0	14.2	0.0	0.0	4.7
4009	638976.50	4873706.74	324.84	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	46.5	0.2	-0.9	0.0	0.0	17.3	0.0	0.0	8.1
4009	638976.50	4873706.74	324.84	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	46.5	0.6	-0.9	0.0	0.0	20.2	0.0	0.0	4.1
4009	638976.50	4873706.74	324.84	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	46.5	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-2.2
4009	638976.50	4873706.74	324.84	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	46.5	7.0	-0.9	0.0	0.0	20.9	0.0	0.0	-10.3
4015	638973.87	4873718.78	325.05	0	DEN	32	29.0	7.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-15.1
4015	638973.87	4873718.78	325.05	0	DEN	63	37.2	7.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-8.2
4015	638973.87	4873718.78	325.05	0	DEN	125	43.3	7.8	0.0	0.0	0.0	45.4	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-3.8
4015	638973.87	4873718.78	325.05	0	DEN	250	48.8	7.8	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	10.0	0.0	0.0	-0.6
4015	638973.87	4873718.78	325.05	0	DEN	500	54.2	7.8	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	2.2
4015	638973.87	4873718.78	325.05	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	5.6
4015	638973.87	4873718.78	325.05	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	1.6
4015	638973.87	4873718.78	325.05	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-3.9
4015	638973.87	4873718.78	325.05	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	45.4	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-11.5
4021	638972.12	4873725.02	325.16	0	DEN	32	29.0	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-17.8
4021	638972.12	4873725.02	325.16	0	DEN	63	37.2	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-10.9
4021	638972.12	4873725.02	325.16	0	DEN	125	43.3	4.8	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-6.6
4021	638972.12	4873725.02	325.16	0	DEN	250	48.8	4.8	0.0	0.0	0.0	45.0	0.1	1.6	0.0	0.0	10.4	0.0	0.0	-3.4
4021	638972.12	4873725.02	325.16	0	DEN	500	54.2	4.8	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-0.6
4021	638972.12	4873725.02	325.16	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	2.7
4021	638972.12	4873725.02	325.16	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-1.1
4021	638972.12	4873725.02	325.16	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-6.5
4021	638972.12	4873725.02	325.16	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-13.8
4026	638970.12	4873733.68	325.31	0	DEN	32	29.0	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-17.6
4026	638970.12	4873733.68	325.31	0	DEN	63	37.2	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-10.7
4026	638970.12	4873733.68	325.31	0	DEN	125	43.3	4.8	0.0	0.0	0.0	44.6	0.0	0.9	0.0	0.0	9.1	0.0	0.0	-6.5
4026	638970.12	4873733.68	325.31	0	DEN	250	48.8	4.8	0.0	0.0	0.0	44.6	0.0	1.7	0.0	0.0	10.7	0.0	0.0	-3.4
4026	638970.12	4873733.68	325.31	0	DEN	500	54.2	4.8	0.0	0.0	0.0	44.6	0.1	-0.6	0.0	0.0	15.6	0.0	0.0	-0.6
4026	638970.12	4873733.68	325.31	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	44.6	0.2	-0.9	0.0	0.0	18.7	0.0	0.0	2.7
4026	638970.12	4873733.68	325.31	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	44.6	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-0.6
4026	638970.12	4873733.68	325.31	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	44.6	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-5.9
4026	638970.12	4873733.68	325.31	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	44.6	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
4032	638970.18	4873734.42	325.32	0	DEN	32	29.0	4.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-17.5
4032	638970.18	4873734.42	325.32	0	DEN	63	37.2	4.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-10.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4032	638970.18	4873734.42	325.32	0	DEN	125	43.3	4.8	0.0	0.0	0.0	44.5	0.0	0.9	0.0	0.0	9.2	0.0	0.0	-6.5
4032	638970.18	4873734.42	325.32	0	DEN	250	48.8	4.8	0.0	0.0	0.0	44.5	0.0	1.7	0.0	0.0	10.8	0.0	0.0	-3.4
4032	638970.18	4873734.42	325.32	0	DEN	500	54.2	4.8	0.0	0.0	0.0	44.5	0.1	-0.6	0.0	0.0	15.7	0.0	0.0	-0.7
4032	638970.18	4873734.42	325.32	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	44.5	0.2	-0.9	0.0	0.0	18.8	0.0	0.0	2.7
4032	638970.18	4873734.42	325.32	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	44.5	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-0.6
4032	638970.18	4873734.42	325.32	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	44.5	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-5.9
4032	638970.18	4873734.42	325.32	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	44.5	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-13.0
4040	638972.93	4873723.85	325.13	0	DEN	32	29.0	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-17.9
4040	638972.93	4873723.85	325.13	0	DEN	63	37.2	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-11.0
4040	638972.93	4873723.85	325.13	0	DEN	125	43.3	4.8	0.0	0.0	0.0	45.0	0.0	0.7	0.0	0.0	9.0	0.0	0.0	-6.7
4040	638972.93	4873723.85	325.13	0	DEN	250	48.8	4.8	0.0	0.0	0.0	45.0	0.1	1.5	0.0	0.0	10.5	0.0	0.0	-3.5
4040	638972.93	4873723.85	325.13	0	DEN	500	54.2	4.8	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.4	0.0	0.0	-0.7
4040	638972.93	4873723.85	325.13	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.5	0.0	0.0	2.6
4040	638972.93	4873723.85	325.13	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	45.0	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-1.1
4040	638972.93	4873723.85	325.13	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	45.0	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-6.5
4040	638972.93	4873723.85	325.13	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	45.0	5.9	-1.1	0.0	0.0	21.1	0.0	0.0	-13.8
4047	638968.18	4873743.08	325.47	0	DEN	32	29.0	7.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-14.3
4047	638968.18	4873743.08	325.47	0	DEN	63	37.2	7.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-7.4
4047	638968.18	4873743.08	325.47	0	DEN	125	43.3	7.8	0.0	0.0	0.0	44.4	0.0	0.6	0.0	0.0	9.3	0.0	0.0	-3.2
4047	638968.18	4873743.08	325.47	0	DEN	250	48.8	7.8	0.0	0.0	0.0	44.4	0.0	1.4	0.0	0.0	10.8	0.0	0.0	-0.0
4047	638968.18	4873743.08	325.47	0	DEN	500	54.2	7.8	0.0	0.0	0.0	44.4	0.1	-0.8	0.0	0.0	15.6	0.0	0.0	2.8
4047	638968.18	4873743.08	325.47	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	44.4	0.2	-1.1	0.0	0.0	18.6	0.0	0.0	6.1
4047	638968.18	4873743.08	325.47	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	44.4	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	2.6
4047	638968.18	4873743.08	325.47	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	44.4	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-2.7
4047	638968.18	4873743.08	325.47	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	44.4	5.5	-1.1	0.0	0.0	21.1	0.0	0.0	-9.7
4056	638966.11	4873751.01	325.62	0	DEN	32	29.0	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-17.3
4056	638966.11	4873751.01	325.62	0	DEN	63	37.2	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-10.3
4056	638966.11	4873751.01	325.62	0	DEN	125	43.3	4.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.9	0.0	0.0	-6.0
4056	638966.11	4873751.01	325.62	0	DEN	250	48.8	4.8	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.3	0.0	0.0	-2.7
4056	638966.11	4873751.01	325.62	0	DEN	500	54.2	4.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	0.1
4056	638966.11	4873751.01	325.62	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.1	0.0	0.0	3.4
4056	638966.11	4873751.01	325.62	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	21.0	0.0	0.0	-0.5
4056	638966.11	4873751.01	325.62	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-5.9
4056	638966.11	4873751.01	325.62	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-13.0
4064	638964.11	4873759.68	325.77	0	DEN	32	29.0	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-17.5
4064	638964.11	4873759.68	325.77	0	DEN	63	37.2	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-10.4
4064	638964.11	4873759.68	325.77	0	DEN	125	43.3	4.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.2	0.0	0.0	-6.0
4064	638964.11	4873759.68	325.77	0	DEN	250	48.8	4.8	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-2.6
4064	638964.11	4873759.68	325.77	0	DEN	500	54.2	4.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.3	0.0	0.0	0.2
4064	638964.11	4873759.68	325.77	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	3.6
4064	638964.11	4873759.68	325.77	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-0.3
4064	638964.11	4873759.68	325.77	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-6.4
4064	638964.11	4873759.68	325.77	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-13.7
4072	638962.80	4873765.70	325.87	0	DEN	32	29.0	4.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-17.7
4072	638962.80	4873765.70	325.87	0	DEN	63	37.2	4.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-10.6
4072	638962.80	4873765.70	325.87	0	DEN	125	43.3	4.8	0.0	0.0	0.0	45.4	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-6.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4072	638962.80	4873765.70	325.87	0	DEN	250	48.8	4.8	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	9.1	0.0	0.0	-2.6
4072	638962.80	4873765.70	325.87	0	DEN	500	54.2	4.8	0.0	0.0	0.0	45.4	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	0.3
4072	638962.80	4873765.70	325.87	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	3.7
4072	638962.80	4873765.70	325.87	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.7	0.0	0.0	-0.2
4072	638962.80	4873765.70	325.87	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-6.9
4072	638962.80	4873765.70	325.87	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	45.4	6.1	-1.0	0.0	0.0	21.0	0.0	0.0	-14.4
4079	638959.42	4873779.65	326.12	0	DEN	32	29.0	4.8	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-18.7
4079	638959.42	4873779.65	326.12	0	DEN	63	37.2	4.8	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-11.4
4079	638959.42	4873779.65	326.12	0	DEN	125	43.3	4.8	0.0	0.0	0.0	46.6	0.0	1.0	0.0	0.0	7.2	0.0	0.0	-6.7
4079	638959.42	4873779.65	326.12	0	DEN	250	48.8	4.8	0.0	0.0	0.0	46.6	0.1	1.8	0.0	0.0	8.2	0.0	0.0	-3.1
4079	638959.42	4873779.65	326.12	0	DEN	500	54.2	4.8	0.0	0.0	0.0	46.6	0.1	-0.7	0.0	0.0	13.0	0.0	0.0	-0.0
4079	638959.42	4873779.65	326.12	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	46.6	0.2	-1.0	0.0	0.0	16.0	0.0	0.0	3.4
4079	638959.42	4873779.65	326.12	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	46.6	0.6	-1.0	0.0	0.0	18.8	0.0	0.0	-0.5
4079	638959.42	4873779.65	326.12	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	46.6	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-8.4
4079	638959.42	4873779.65	326.12	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	46.6	7.1	-1.0	0.0	0.0	21.0	0.0	0.0	-16.6
4086	638932.78	4873894.65	328.13	1	DEN	1000	60.4	-10.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-17.6
4086	638932.78	4873894.65	328.13	1	DEN	2000	59.6	-10.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-21.7
4086	638932.78	4873894.65	328.13	1	DEN	4000	55.4	-10.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-32.7
4086	638932.78	4873894.65	328.13	1	DEN	8000	52.3	-10.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-53.8
4097	638972.04	4873713.37	324.79	0	DEN	32	29.0	7.6	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-15.8
4097	638972.04	4873713.37	324.79	0	DEN	63	37.2	7.6	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-8.7
4097	638972.04	4873713.37	324.79	0	DEN	125	43.3	7.6	0.0	0.0	0.0	46.2	0.0	1.0	0.0	0.0	7.8	0.0	0.0	-4.2
4097	638972.04	4873713.37	324.79	0	DEN	250	48.8	7.6	0.0	0.0	0.0	46.2	0.1	1.9	0.0	0.0	9.0	0.0	0.0	-0.8
4097	638972.04	4873713.37	324.79	0	DEN	500	54.2	7.6	0.0	0.0	0.0	46.2	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	2.1
4097	638972.04	4873713.37	324.79	0	DEN	1000	60.4	7.6	0.0	0.0	0.0	46.2	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	5.5
4097	638972.04	4873713.37	324.79	0	DEN	2000	59.6	7.6	0.0	0.0	0.0	46.2	0.6	-1.0	0.0	0.0	19.9	0.0	0.0	1.5
4097	638972.04	4873713.37	324.79	0	DEN	4000	55.4	7.6	0.0	0.0	0.0	46.2	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-5.1
4097	638972.04	4873713.37	324.79	0	DEN	8000	52.3	7.6	0.0	0.0	0.0	46.2	6.7	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
4105	638970.35	4873721.53	324.97	0	DEN	32	29.0	4.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-18.4
4105	638970.35	4873721.53	324.97	0	DEN	63	37.2	4.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-11.4
4105	638970.35	4873721.53	324.97	0	DEN	125	43.3	4.6	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-6.9
4105	638970.35	4873721.53	324.97	0	DEN	250	48.8	4.6	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-3.6
4105	638970.35	4873721.53	324.97	0	DEN	500	54.2	4.6	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.6	0.0	0.0	-0.7
4105	638970.35	4873721.53	324.97	0	DEN	1000	60.4	4.6	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	2.6
4105	638970.35	4873721.53	324.97	0	DEN	2000	59.6	4.6	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.5	0.0	0.0	-1.4
4105	638970.35	4873721.53	324.97	0	DEN	4000	55.4	4.6	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-7.4
4105	638970.35	4873721.53	324.97	0	DEN	8000	52.3	4.6	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-15.0
4111	638967.61	4873733.52	325.14	0	DEN	32	29.0	1.6	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-21.0
4111	638967.61	4873733.52	325.14	0	DEN	63	37.2	1.6	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-14.1
4111	638967.61	4873733.52	325.14	0	DEN	125	43.3	1.6	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.8	0.0	0.0	-9.8
4111	638967.61	4873733.52	325.14	0	DEN	250	48.8	1.6	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	10.2	0.0	0.0	-6.6
4111	638967.61	4873733.52	325.14	0	DEN	500	54.2	1.6	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-3.8
4111	638967.61	4873733.52	325.14	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-0.5
4111	638967.61	4873733.52	325.14	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-4.3
4111	638967.61	4873733.52	325.14	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.7
4111	638967.61	4873733.52	325.14	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-17.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4119	638966.76	4873737.60	325.23	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.9
4119	638966.76	4873737.60	325.23	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-17.0
4119	638966.76	4873737.60	325.23	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-12.7
4119	638966.76	4873737.60	325.23	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-9.4
4119	638966.76	4873737.60	325.23	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-6.7
4119	638966.76	4873737.60	325.23	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-3.3
4119	638966.76	4873737.60	325.23	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.2
4119	638966.76	4873737.60	325.23	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.6
4119	638966.76	4873737.60	325.23	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-19.8
4126	638964.96	4873745.62	325.35	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-23.8
4126	638964.96	4873745.62	325.35	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-16.8
4126	638964.96	4873745.62	325.35	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.7	0.0	0.0	8.8	0.0	0.0	-12.4
4126	638964.96	4873745.62	325.35	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	10.2	0.0	0.0	-9.2
4126	638964.96	4873745.62	325.35	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.9	0.0	0.0	-6.3
4126	638964.96	4873745.62	325.35	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-3.0
4126	638964.96	4873745.62	325.35	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-6.9
4126	638964.96	4873745.62	325.35	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-12.5
4126	638964.96	4873745.62	325.35	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-19.8
4134	638966.82	4873737.67	325.26	0	DEN	32	29.0	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-20.9
4134	638966.82	4873737.67	325.26	0	DEN	63	37.2	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-14.0
4134	638966.82	4873737.67	325.26	0	DEN	125	43.3	1.6	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-9.6
4134	638966.82	4873737.67	325.26	0	DEN	250	48.8	1.6	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-6.4
4134	638966.82	4873737.67	325.26	0	DEN	500	54.2	1.6	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-3.6
4134	638966.82	4873737.67	325.26	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-0.3
4134	638966.82	4873737.67	325.26	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-4.2
4134	638966.82	4873737.67	325.26	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
4134	638966.82	4873737.67	325.26	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-16.8
4142	638970.43	4873721.63	325.02	0	DEN	32	29.0	1.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-21.4
4142	638970.43	4873721.63	325.02	0	DEN	63	37.2	1.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-14.3
4142	638970.43	4873721.63	325.02	0	DEN	125	43.3	1.6	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-9.9
4142	638970.43	4873721.63	325.02	0	DEN	250	48.8	1.6	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-6.6
4142	638970.43	4873721.63	325.02	0	DEN	500	54.2	1.6	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-3.7
4142	638970.43	4873721.63	325.02	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-0.3
4142	638970.43	4873721.63	325.02	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-4.3
4142	638970.43	4873721.63	325.02	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-10.4
4142	638970.43	4873721.63	325.02	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-18.0
4150	638964.19	4873749.78	325.48	0	DEN	32	29.0	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-20.7
4150	638964.19	4873749.78	325.48	0	DEN	63	37.2	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-13.7
4150	638964.19	4873749.78	325.48	0	DEN	125	43.3	1.6	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.6	0.0	0.0	-9.3
4150	638964.19	4873749.78	325.48	0	DEN	250	48.8	1.6	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	10.0	0.0	0.0	-6.0
4150	638964.19	4873749.78	325.48	0	DEN	500	54.2	1.6	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.7	0.0	0.0	-3.1
4150	638964.19	4873749.78	325.48	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.7	0.0	0.0	0.2
4150	638964.19	4873749.78	325.48	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.6	0.0	0.0	-3.7
4150	638964.19	4873749.78	325.48	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-9.6
4150	638964.19	4873749.78	325.48	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-16.9
4158	638965.96	4873741.73	325.35	0	DEN	32	29.0	1.6	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-20.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4158	638965.96	4873741.73	325.35	0	DEN	63	37.2	1.6	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-13.8
4158	638965.96	4873741.73	325.35	0	DEN	125	43.3	1.6	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.8	0.0	0.0	-9.5
4158	638965.96	4873741.73	325.35	0	DEN	250	48.8	1.6	0.0	0.0	0.0	44.8	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-6.2
4158	638965.96	4873741.73	325.35	0	DEN	500	54.2	1.6	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-3.4
4158	638965.96	4873741.73	325.35	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-0.0
4158	638965.96	4873741.73	325.35	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-4.0
4158	638965.96	4873741.73	325.35	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
4158	638965.96	4873741.73	325.35	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-16.7
4167	638961.49	4873761.83	325.67	0	DEN	32	29.0	4.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-18.0
4167	638961.49	4873761.83	325.67	0	DEN	63	37.2	4.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-10.9
4167	638961.49	4873761.83	325.67	0	DEN	125	43.3	4.6	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-6.3
4167	638961.49	4873761.83	325.67	0	DEN	250	48.8	4.6	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	9.0	0.0	0.0	-2.9
4167	638961.49	4873761.83	325.67	0	DEN	500	54.2	4.6	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	13.8	0.0	0.0	0.0
4167	638961.49	4873761.83	325.67	0	DEN	1000	60.4	4.6	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	3.5
4167	638961.49	4873761.83	325.67	0	DEN	2000	59.6	4.6	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.7	0.0	0.0	-0.5
4167	638961.49	4873761.83	325.67	0	DEN	4000	55.4	4.6	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-7.2
4167	638961.49	4873761.83	325.67	0	DEN	8000	52.3	4.6	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-14.8
4174	638959.77	4873769.95	325.84	0	DEN	32	29.0	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-21.4
4174	638959.77	4873769.95	325.84	0	DEN	63	37.2	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-14.2
4174	638959.77	4873769.95	325.84	0	DEN	125	43.3	1.6	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.5	0.0	0.0	-9.5
4174	638959.77	4873769.95	325.84	0	DEN	250	48.8	1.6	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.6	0.0	0.0	-6.0
4174	638959.77	4873769.95	325.84	0	DEN	500	54.2	1.6	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-2.9
4174	638959.77	4873769.95	325.84	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.3	0.0	0.0	0.5
4174	638959.77	4873769.95	325.84	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.1	0.0	0.0	-3.4
4174	638959.77	4873769.95	325.84	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	46.0	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-10.9
4174	638959.77	4873769.95	325.84	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.8
4180	638956.22	4873786.06	326.11	0	DEN	32	29.0	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-22.6
4180	638956.22	4873786.06	326.11	0	DEN	63	37.2	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-15.2
4180	638956.22	4873786.06	326.11	0	DEN	125	43.3	1.6	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-10.3
4180	638956.22	4873786.06	326.11	0	DEN	250	48.8	1.6	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-6.6
4180	638956.22	4873786.06	326.11	0	DEN	500	54.2	1.6	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.3	0.0	0.0	-3.5
4180	638956.22	4873786.06	326.11	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.3	0.0	0.0	0.0
4180	638956.22	4873786.06	326.11	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.0	0.0	0.0	-3.9
4180	638956.22	4873786.06	326.11	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.9	0.0	0.0	-12.5
4180	638956.22	4873786.06	326.11	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-21.3
4188	638959.84	4873770.04	325.88	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-24.4
4188	638959.84	4873770.04	325.88	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-17.2
4188	638959.84	4873770.04	325.88	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-12.5
4188	638959.84	4873770.04	325.88	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-8.9
4188	638959.84	4873770.04	325.88	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-5.9
4188	638959.84	4873770.04	325.88	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-2.4
4188	638959.84	4873770.04	325.88	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-6.4
4188	638959.84	4873770.04	325.88	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	46.0	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-13.9
4188	638959.84	4873770.04	325.88	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.8
4196	638956.26	4873786.11	326.13	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-25.6
4196	638956.26	4873786.11	326.13	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-18.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4196	638956.26	4873786.11	326.13	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-13.3
4196	638956.26	4873786.11	326.13	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-9.6
4196	638956.26	4873786.11	326.13	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.3	0.0	0.0	-6.5
4196	638956.26	4873786.11	326.13	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.2	0.0	0.0	-2.9
4196	638956.26	4873786.11	326.13	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.0	0.0	0.0	-6.9
4196	638956.26	4873786.11	326.13	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.9	0.0	0.0	-15.5
4196	638956.26	4873786.11	326.13	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
4205	638961.61	4873761.97	325.73	0	DEN	32	29.0	1.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-21.0
4205	638961.61	4873761.97	325.73	0	DEN	63	37.2	1.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-13.8
4205	638961.61	4873761.97	325.73	0	DEN	125	43.3	1.6	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-9.3
4205	638961.61	4873761.97	325.73	0	DEN	250	48.8	1.6	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	8.9	0.0	0.0	-5.8
4205	638961.61	4873761.97	325.73	0	DEN	500	54.2	1.6	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-2.9
4205	638961.61	4873761.97	325.73	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	0.5
4205	638961.61	4873761.97	325.73	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.6	0.0	0.0	-3.4
4205	638961.61	4873761.97	325.73	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-10.2
4205	638961.61	4873761.97	325.73	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-17.8
4213	638964.29	4873749.91	325.54	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-23.7
4213	638964.29	4873749.91	325.54	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-16.7
4213	638964.29	4873749.91	325.54	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-12.3
4213	638964.29	4873749.91	325.54	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	9.9	0.0	0.0	-8.9
4213	638964.29	4873749.91	325.54	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.6	0.0	0.0	-6.1
4213	638964.29	4873749.91	325.54	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.7	0.0	0.0	-2.7
4213	638964.29	4873749.91	325.54	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.5	0.0	0.0	-6.7
4213	638964.29	4873749.91	325.54	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-12.6
4213	638964.29	4873749.91	325.54	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-19.8
4221	638966.06	4873741.84	325.40	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-23.8
4221	638966.06	4873741.84	325.40	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-16.8
4221	638966.06	4873741.84	325.40	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-12.4
4221	638966.06	4873741.84	325.40	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	44.8	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-9.2
4221	638966.06	4873741.84	325.40	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-6.4
4221	638966.06	4873741.84	325.40	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-3.0
4221	638966.06	4873741.84	325.40	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-7.0
4221	638966.06	4873741.84	325.40	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5
4221	638966.06	4873741.84	325.40	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-19.7
4230	638966.92	4873737.79	325.32	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.9
4230	638966.92	4873737.79	325.32	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-16.9
4230	638966.92	4873737.79	325.32	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-12.6
4230	638966.92	4873737.79	325.32	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-9.3
4230	638966.92	4873737.79	325.32	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-6.5
4230	638966.92	4873737.79	325.32	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-3.2
4230	638966.92	4873737.79	325.32	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.2
4230	638966.92	4873737.79	325.32	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5
4230	638966.92	4873737.79	325.32	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-19.8
4239	638970.48	4873721.68	325.05	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.4
4239	638970.48	4873721.68	325.05	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-17.3
4239	638970.48	4873721.68	325.05	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-12.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4239	638970.48	4873721.68	325.05	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-9.5
4239	638970.48	4873721.68	325.05	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-6.7
4239	638970.48	4873721.68	325.05	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-3.3
4239	638970.48	4873721.68	325.05	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-7.3
4239	638970.48	4873721.68	325.05	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-13.4
4239	638970.48	4873721.68	325.05	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-21.0
4249	638954.57	4873794.27	326.32	0	DEN	32	29.0	4.6	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-20.2
4249	638954.57	4873794.27	326.32	0	DEN	63	37.2	4.6	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-12.7
4249	638954.57	4873794.27	326.32	0	DEN	125	43.3	4.6	0.0	0.0	0.0	48.2	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-7.7
4249	638954.57	4873794.27	326.32	0	DEN	250	48.8	4.6	0.0	0.0	0.0	48.2	0.1	2.2	0.0	0.0	6.9	0.0	0.0	-3.9
4249	638954.57	4873794.27	326.32	0	DEN	500	54.2	4.6	0.0	0.0	0.0	48.2	0.1	-0.6	0.0	0.0	11.8	0.0	0.0	-0.7
4249	638954.57	4873794.27	326.32	0	DEN	1000	60.4	4.6	0.0	0.0	0.0	48.2	0.3	-1.0	0.0	0.0	14.7	0.0	0.0	2.9
4249	638954.57	4873794.27	326.32	0	DEN	2000	59.6	4.6	0.0	0.0	0.0	48.2	0.7	-1.0	0.0	0.0	17.4	0.0	0.0	-1.1
4249	638954.57	4873794.27	326.32	0	DEN	4000	55.4	4.6	0.0	0.0	0.0	48.2	2.4	-1.0	0.0	0.0	20.3	0.0	0.0	-9.8
4249	638954.57	4873794.27	326.32	0	DEN	8000	52.3	4.6	0.0	0.0	0.0	48.2	8.4	-1.0	0.0	0.0	21.0	0.0	0.0	-19.7
4259	638956.30	4873786.16	326.16	0	DEN	32	29.0	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-22.6
4259	638956.30	4873786.16	326.16	0	DEN	63	37.2	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-15.2
4259	638956.30	4873786.16	326.16	0	DEN	125	43.3	1.6	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-10.3
4259	638956.30	4873786.16	326.16	0	DEN	250	48.8	1.6	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-6.6
4259	638956.30	4873786.16	326.16	0	DEN	500	54.2	1.6	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.3	0.0	0.0	-3.4
4259	638956.30	4873786.16	326.16	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.2	0.0	0.0	0.1
4259	638956.30	4873786.16	326.16	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.0	0.0	0.0	-3.8
4259	638956.30	4873786.16	326.16	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-12.5
4259	638956.30	4873786.16	326.16	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-21.3
4266	638959.89	4873770.09	325.90	0	DEN	32	29.0	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-21.4
4266	638959.89	4873770.09	325.90	0	DEN	63	37.2	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-14.1
4266	638959.89	4873770.09	325.90	0	DEN	125	43.3	1.6	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-9.4
4266	638959.89	4873770.09	325.90	0	DEN	250	48.8	1.6	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-5.9
4266	638959.89	4873770.09	325.90	0	DEN	500	54.2	1.6	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-2.9
4266	638959.89	4873770.09	325.90	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	0.6
4266	638959.89	4873770.09	325.90	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-3.3
4266	638959.89	4873770.09	325.90	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	46.0	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-10.9
4266	638959.89	4873770.09	325.90	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.8
4274	638951.00	4873810.36	326.58	0	DEN	32	29.0	4.6	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-21.4
4274	638951.00	4873810.36	326.58	0	DEN	63	37.2	4.6	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-13.8
4274	638951.00	4873810.36	326.58	0	DEN	125	43.3	4.6	0.0	0.0	0.0	49.6	0.0	1.2	0.0	0.0	5.7	0.0	0.0	-8.7
4274	638951.00	4873810.36	326.58	0	DEN	250	48.8	4.6	0.0	0.0	0.0	49.6	0.1	2.1	0.0	0.0	6.2	0.0	0.0	-4.6
4274	638951.00	4873810.36	326.58	0	DEN	500	54.2	4.6	0.0	0.0	0.0	49.6	0.2	-0.7	0.0	0.0	11.0	0.0	0.0	-1.3
4274	638951.00	4873810.36	326.58	0	DEN	1000	60.4	4.6	0.0	0.0	0.0	49.6	0.3	-1.1	0.0	0.0	13.7	0.0	0.0	2.4
4274	638951.00	4873810.36	326.58	0	DEN	2000	59.6	4.6	0.0	0.0	0.0	49.6	0.8	-1.1	0.0	0.0	16.4	0.0	0.0	-1.5
4274	638951.00	4873810.36	326.58	0	DEN	4000	55.4	4.6	0.0	0.0	0.0	49.6	2.8	-1.1	0.0	0.0	19.2	0.0	0.0	-10.5
4274	638951.00	4873810.36	326.58	0	DEN	8000	52.3	4.6	0.0	0.0	0.0	49.6	9.9	-1.1	0.0	0.0	21.1	0.0	0.0	-22.6
4283	638949.28	4873818.48	326.75	0	DEN	32	29.0	1.6	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-25.0
4283	638949.28	4873818.48	326.75	0	DEN	63	37.2	1.6	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-17.3
4283	638949.28	4873818.48	326.75	0	DEN	125	43.3	1.6	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-12.1
4283	638949.28	4873818.48	326.75	0	DEN	250	48.8	1.6	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	5.8	0.0	0.0	-8.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4283	638949.28	4873818.48	326.75	0	DEN	500	54.2	1.6	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-4.5
4283	638949.28	4873818.48	326.75	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	13.2	0.0	0.0	-0.7
4283	638949.28	4873818.48	326.75	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	15.8	0.0	0.0	-4.7
4283	638949.28	4873818.48	326.75	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	18.6	0.0	0.0	-13.8
4283	638949.28	4873818.48	326.75	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-27.1
4292	638945.72	4873834.59	327.02	0	DEN	32	29.0	1.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-26.1
4292	638945.72	4873834.59	327.02	0	DEN	63	37.2	1.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-18.3
4292	638945.72	4873834.59	327.02	0	DEN	125	43.3	1.6	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-12.9
4292	638945.72	4873834.59	327.02	0	DEN	250	48.8	1.6	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.7	0.0	0.0	-8.6
4292	638945.72	4873834.59	327.02	0	DEN	500	54.2	1.6	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-4.9
4292	638945.72	4873834.59	327.02	0	DEN	1000	60.4	1.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.4	0.0	0.0	-1.0
4292	638945.72	4873834.59	327.02	0	DEN	2000	59.6	1.6	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-4.9
4292	638945.72	4873834.59	327.02	0	DEN	4000	55.4	1.6	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.6	0.0	0.0	-14.3
4292	638945.72	4873834.59	327.02	0	DEN	8000	52.3	1.6	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.4	0.0	0.0	-29.2
4301	638945.78	4873834.66	327.05	0	DEN	32	29.0	4.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-23.1
4301	638945.78	4873834.66	327.05	0	DEN	63	37.2	4.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-15.3
4301	638945.78	4873834.66	327.05	0	DEN	125	43.3	4.6	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-9.9
4301	638945.78	4873834.66	327.05	0	DEN	250	48.8	4.6	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.7	0.0	0.0	-5.6
4301	638945.78	4873834.66	327.05	0	DEN	500	54.2	4.6	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-1.9
4301	638945.78	4873834.66	327.05	0	DEN	1000	60.4	4.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.3	0.0	0.0	2.0
4301	638945.78	4873834.66	327.05	0	DEN	2000	59.6	4.6	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-1.9
4301	638945.78	4873834.66	327.05	0	DEN	4000	55.4	4.6	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.5	0.0	0.0	-11.2
4301	638945.78	4873834.66	327.05	0	DEN	8000	52.3	4.6	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.4	0.0	0.0	-26.1
4311	638938.73	4873866.94	327.62	0	DEN	32	29.0	4.6	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-25.1
4311	638938.73	4873866.94	327.62	0	DEN	63	37.2	4.6	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-17.2
4311	638938.73	4873866.94	327.62	0	DEN	125	43.3	4.6	0.0	0.0	0.0	53.7	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-11.5
4311	638938.73	4873866.94	327.62	0	DEN	250	48.8	4.6	0.0	0.0	0.0	53.7	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-6.9
4311	638938.73	4873866.94	327.62	0	DEN	500	54.2	4.6	0.0	0.0	0.0	53.7	0.3	-0.9	0.0	0.0	8.5	0.0	0.0	-2.8
4311	638938.73	4873866.94	327.62	0	DEN	1000	60.4	4.6	0.0	0.0	0.0	53.7	0.5	-1.3	0.0	0.0	10.6	0.0	0.0	1.5
4311	638938.73	4873866.94	327.62	0	DEN	2000	59.6	4.6	0.0	0.0	0.0	53.7	1.3	-1.3	0.0	0.0	12.8	0.0	0.0	-2.3
4311	638938.73	4873866.94	327.62	0	DEN	4000	55.4	4.6	0.0	0.0	0.0	53.7	4.5	-1.3	0.0	0.0	15.3	0.0	0.0	-12.2
4311	638938.73	4873866.94	327.62	0	DEN	8000	52.3	4.6	0.0	0.0	0.0	53.7	15.9	-1.3	0.0	0.0	18.0	0.0	0.0	-29.5
4320	638990.60	4873627.82	323.22	0	DEN	32	29.0	12.1	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-17.4
4320	638990.60	4873627.82	323.22	0	DEN	63	37.2	12.1	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-9.8
4320	638990.60	4873627.82	323.22	0	DEN	125	43.3	12.1	0.0	0.0	0.0	53.1	0.1	1.4	0.0	0.0	5.6	0.0	0.0	-4.7
4320	638990.60	4873627.82	323.22	0	DEN	250	48.8	12.1	0.0	0.0	0.0	53.1	0.1	1.9	0.0	0.0	6.5	0.0	0.0	-0.8
4320	638990.60	4873627.82	323.22	0	DEN	500	54.2	12.1	0.0	0.0	0.0	53.1	0.2	-0.9	0.0	0.0	11.3	0.0	0.0	2.5
4320	638990.60	4873627.82	323.22	0	DEN	1000	60.4	12.1	0.0	0.0	0.0	53.1	0.5	-1.2	0.0	0.0	14.0	0.0	0.0	6.1
4320	638990.60	4873627.82	323.22	0	DEN	2000	59.6	12.1	0.0	0.0	0.0	53.1	1.2	-1.2	0.0	0.0	16.7	0.0	0.0	1.9
4320	638990.60	4873627.82	323.22	0	DEN	4000	55.4	12.1	0.0	0.0	0.0	53.1	4.2	-1.2	0.0	0.0	19.5	0.0	0.0	-8.1
4320	638990.60	4873627.82	323.22	0	DEN	8000	52.3	12.1	0.0	0.0	0.0	53.1	14.9	-1.2	0.0	0.0	21.2	0.0	0.0	-23.6
4328	638987.27	4873643.71	323.56	0	DEN	32	29.0	9.1	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-19.5
4328	638987.27	4873643.71	323.56	0	DEN	63	37.2	9.1	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-12.0
4328	638987.27	4873643.71	323.56	0	DEN	125	43.3	9.1	0.0	0.0	0.0	52.0	0.0	1.3	0.0	0.0	6.0	0.0	0.0	-7.0
4328	638987.27	4873643.71	323.56	0	DEN	250	48.8	9.1	0.0	0.0	0.0	52.0	0.1	1.9	0.0	0.0	6.9	0.0	0.0	-3.1
4328	638987.27	4873643.71	323.56	0	DEN	500	54.2	9.1	0.0	0.0	0.0	52.0	0.2	-0.8	0.0	0.0	11.8	0.0	0.0	0.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4328	638987.27	4873643.71	323.56	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	52.0	0.4	-1.2	0.0	0.0	14.6	0.0	0.0	3.7
4328	638987.27	4873643.71	323.56	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	52.0	1.1	-1.2	0.0	0.0	17.3	0.0	0.0	-0.5
4328	638987.27	4873643.71	323.56	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	52.0	3.7	-1.2	0.0	0.0	20.2	0.0	0.0	-10.2
4328	638987.27	4873643.71	323.56	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	52.0	13.2	-1.2	0.0	0.0	21.2	0.0	0.0	-23.8
4337	638982.14	4873666.48	323.89	0	DEN	32	29.0	6.1	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-21.0
4337	638982.14	4873666.48	323.89	0	DEN	63	37.2	6.1	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-13.6
4337	638982.14	4873666.48	323.89	0	DEN	125	43.3	6.1	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-8.8
4337	638982.14	4873666.48	323.89	0	DEN	250	48.8	6.1	0.0	0.0	0.0	50.3	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-5.2
4337	638982.14	4873666.48	323.89	0	DEN	500	54.2	6.1	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.7	0.0	0.0	-2.1
4337	638982.14	4873666.48	323.89	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.6	0.0	0.0	1.3
4337	638982.14	4873666.48	323.89	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.4	0.0	0.0	-2.8
4337	638982.14	4873666.48	323.89	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-11.8
4337	638982.14	4873666.48	323.89	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	50.3	10.8	-1.1	0.0	0.0	21.1	0.0	0.0	-22.7
4347	638980.47	4873674.43	324.07	0	DEN	32	29.0	3.1	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-23.4
4347	638980.47	4873674.43	324.07	0	DEN	63	37.2	3.1	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-16.1
4347	638980.47	4873674.43	324.07	0	DEN	125	43.3	3.1	0.0	0.0	0.0	49.6	0.0	1.5	0.0	0.0	6.6	0.0	0.0	-11.3
4347	638980.47	4873674.43	324.07	0	DEN	250	48.8	3.1	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	7.5	0.0	0.0	-7.7
4347	638980.47	4873674.43	324.07	0	DEN	500	54.2	3.1	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	12.8	0.0	0.0	-4.7
4347	638980.47	4873674.43	324.07	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	15.8	0.0	0.0	-1.2
4347	638980.47	4873674.43	324.07	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	18.6	0.0	0.0	-5.3
4347	638980.47	4873674.43	324.07	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-13.9
4347	638980.47	4873674.43	324.07	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-24.2
4356	638977.06	4873689.71	324.31	0	DEN	32	29.0	3.1	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-22.2
4356	638977.06	4873689.71	324.31	0	DEN	63	37.2	3.1	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-15.0
4356	638977.06	4873689.71	324.31	0	DEN	125	43.3	3.1	0.0	0.0	0.0	48.3	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-10.3
4356	638977.06	4873689.71	324.31	0	DEN	250	48.8	3.1	0.0	0.0	0.0	48.3	0.1	2.0	0.0	0.0	8.3	0.0	0.0	-6.8
4356	638977.06	4873689.71	324.31	0	DEN	500	54.2	3.1	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-3.9
4356	638977.06	4873689.71	324.31	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	48.3	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-0.4
4356	638977.06	4873689.71	324.31	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	48.3	0.7	-1.1	0.0	0.0	19.3	0.0	0.0	-4.5
4356	638977.06	4873689.71	324.31	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	48.3	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-12.2
4356	638977.06	4873689.71	324.31	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	48.3	8.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.5
4536	638975.58	4873697.74	324.57	0	DEN	32	29.0	7.4	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-17.2
4536	638975.58	4873697.74	324.57	0	DEN	63	37.2	7.4	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-10.0
4536	638975.58	4873697.74	324.57	0	DEN	125	43.3	7.4	0.0	0.0	0.0	47.6	0.0	1.2	0.0	0.0	7.3	0.0	0.0	-5.4
4536	638975.58	4873697.74	324.57	0	DEN	250	48.8	7.4	0.0	0.0	0.0	47.6	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-1.9
4536	638975.58	4873697.74	324.57	0	DEN	500	54.2	7.4	0.0	0.0	0.0	47.6	0.1	-0.6	0.0	0.0	13.4	0.0	0.0	1.0
4536	638975.58	4873697.74	324.57	0	DEN	1000	60.4	7.4	0.0	0.0	0.0	47.6	0.2	-1.0	0.0	0.0	16.5	0.0	0.0	4.5
4536	638975.58	4873697.74	324.57	0	DEN	2000	59.6	7.4	0.0	0.0	0.0	47.6	0.7	-1.0	0.0	0.0	19.3	0.0	0.0	0.4
4536	638975.58	4873697.74	324.57	0	DEN	4000	55.4	7.4	0.0	0.0	0.0	47.6	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-7.0
4536	638975.58	4873697.74	324.57	0	DEN	8000	52.3	7.4	0.0	0.0	0.0	47.6	7.9	-1.0	0.0	0.0	21.0	0.0	0.0	-15.8
4545	638977.20	4873690.00	324.40	0	DEN	32	29.0	4.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-20.9
4545	638977.20	4873690.00	324.40	0	DEN	63	37.2	4.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-13.7
4545	638977.20	4873690.00	324.40	0	DEN	125	43.3	4.4	0.0	0.0	0.0	48.3	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-9.0
4545	638977.20	4873690.00	324.40	0	DEN	250	48.8	4.4	0.0	0.0	0.0	48.3	0.1	2.0	0.0	0.0	8.3	0.0	0.0	-5.5
4545	638977.20	4873690.00	324.40	0	DEN	500	54.2	4.4	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-2.5
4545	638977.20	4873690.00	324.40	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	48.3	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	0.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4545	638977.20	4873690.00	324.40	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	48.3	0.7	-1.1	0.0	0.0	19.2	0.0	0.0	-3.1
4545	638977.20	4873690.00	324.40	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	48.3	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-10.9
4545	638977.20	4873690.00	324.40	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	48.3	8.5	-1.1	0.0	0.0	21.1	0.0	0.0	-20.1
4555	638980.67	4873674.78	324.19	0	DEN	32	29.0	4.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-22.1
4555	638980.67	4873674.78	324.19	0	DEN	63	37.2	4.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-14.7
4555	638980.67	4873674.78	324.19	0	DEN	125	43.3	4.4	0.0	0.0	0.0	49.6	0.0	1.5	0.0	0.0	6.5	0.0	0.0	-10.0
4555	638980.67	4873674.78	324.19	0	DEN	250	48.8	4.4	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	7.4	0.0	0.0	-6.4
4555	638980.67	4873674.78	324.19	0	DEN	500	54.2	4.4	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	12.7	0.0	0.0	-3.3
4555	638980.67	4873674.78	324.19	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	15.7	0.0	0.0	0.2
4555	638980.67	4873674.78	324.19	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	18.5	0.0	0.0	-3.9
4555	638980.67	4873674.78	324.19	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-12.6
4555	638980.67	4873674.78	324.19	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-22.9
4565	638980.58	4873674.68	324.14	0	DEN	32	29.0	1.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-25.1
4565	638980.58	4873674.68	324.14	0	DEN	63	37.2	1.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-17.8
4565	638980.58	4873674.68	324.14	0	DEN	125	43.3	1.4	0.0	0.0	0.0	49.6	0.0	1.5	0.0	0.0	6.6	0.0	0.0	-13.0
4565	638980.58	4873674.68	324.14	0	DEN	250	48.8	1.4	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	7.5	0.0	0.0	-9.4
4565	638980.58	4873674.68	324.14	0	DEN	500	54.2	1.4	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	12.7	0.0	0.0	-6.4
4565	638980.58	4873674.68	324.14	0	DEN	1000	60.4	1.4	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	15.7	0.0	0.0	-2.9
4565	638980.58	4873674.68	324.14	0	DEN	2000	59.6	1.4	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	18.5	0.0	0.0	-7.0
4565	638980.58	4873674.68	324.14	0	DEN	4000	55.4	1.4	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-15.7
4565	638980.58	4873674.68	324.14	0	DEN	8000	52.3	1.4	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-25.9
4578	638977.11	4873689.89	324.35	0	DEN	32	29.0	1.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-23.9
4578	638977.11	4873689.89	324.35	0	DEN	63	37.2	1.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-16.7
4578	638977.11	4873689.89	324.35	0	DEN	125	43.3	1.4	0.0	0.0	0.0	48.3	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-12.1
4578	638977.11	4873689.89	324.35	0	DEN	250	48.8	1.4	0.0	0.0	0.0	48.3	0.1	2.0	0.0	0.0	8.3	0.0	0.0	-8.5
4578	638977.11	4873689.89	324.35	0	DEN	500	54.2	1.4	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-5.6
4578	638977.11	4873689.89	324.35	0	DEN	1000	60.4	1.4	0.0	0.0	0.0	48.3	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-2.1
4578	638977.11	4873689.89	324.35	0	DEN	2000	59.6	1.4	0.0	0.0	0.0	48.3	0.7	-1.1	0.0	0.0	19.2	0.0	0.0	-6.2
4578	638977.11	4873689.89	324.35	0	DEN	4000	55.4	1.4	0.0	0.0	0.0	48.3	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-13.9
4578	638977.11	4873689.89	324.35	0	DEN	8000	52.3	1.4	0.0	0.0	0.0	48.3	8.6	-1.1	0.0	0.0	21.1	0.0	0.0	-23.2
4588	638982.26	4873667.00	324.00	0	DEN	32	29.0	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-22.7
4588	638982.26	4873667.00	324.00	0	DEN	63	37.2	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-15.3
4588	638982.26	4873667.00	324.00	0	DEN	125	43.3	4.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-10.5
4588	638982.26	4873667.00	324.00	0	DEN	250	48.8	4.4	0.0	0.0	0.0	50.3	0.1	2.1	0.0	0.0	7.5	0.0	0.0	-6.8
4588	638982.26	4873667.00	324.00	0	DEN	500	54.2	4.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.6	0.0	0.0	-3.8
4588	638982.26	4873667.00	324.00	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.5	0.0	0.0	-0.3
4588	638982.26	4873667.00	324.00	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.3	0.0	0.0	-4.4
4588	638982.26	4873667.00	324.00	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-13.5
4588	638982.26	4873667.00	324.00	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
4597	638987.37	4873644.08	323.64	0	DEN	32	29.0	7.4	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-21.2
4597	638987.37	4873644.08	323.64	0	DEN	63	37.2	7.4	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-13.7
4597	638987.37	4873644.08	323.64	0	DEN	125	43.3	7.4	0.0	0.0	0.0	52.0	0.0	1.3	0.0	0.0	5.9	0.0	0.0	-8.7
4597	638987.37	4873644.08	323.64	0	DEN	250	48.8	7.4	0.0	0.0	0.0	52.0	0.1	2.0	0.0	0.0	6.9	0.0	0.0	-4.8
4597	638987.37	4873644.08	323.64	0	DEN	500	54.2	7.4	0.0	0.0	0.0	52.0	0.2	-0.8	0.0	0.0	11.7	0.0	0.0	-1.6
4597	638987.37	4873644.08	323.64	0	DEN	1000	60.4	7.4	0.0	0.0	0.0	52.0	0.4	-1.2	0.0	0.0	14.5	0.0	0.0	2.0
4597	638987.37	4873644.08	323.64	0	DEN	2000	59.6	7.4	0.0	0.0	0.0	52.0	1.1	-1.2	0.0	0.0	17.3	0.0	0.0	-2.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4597	638987.37	4873644.08	323.64	0	DEN	4000	55.4	7.4	0.0	0.0	0.0	52.0	3.7	-1.2	0.0	0.0	20.1	0.0	0.0	-11.8
4597	638987.37	4873644.08	323.64	0	DEN	8000	52.3	7.4	0.0	0.0	0.0	52.0	13.1	-1.2	0.0	0.0	21.2	0.0	0.0	-25.5
4606	638995.31	4873606.04	322.81	0	DEN	32	29.0	8.1	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-22.6
4606	638995.31	4873606.04	322.81	0	DEN	63	37.2	8.1	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-14.9
4606	638995.31	4873606.04	322.81	0	DEN	125	43.3	8.1	0.0	0.0	0.0	54.4	0.1	1.5	0.0	0.0	5.1	0.0	0.0	-9.6
4606	638995.31	4873606.04	322.81	0	DEN	250	48.8	8.1	0.0	0.0	0.0	54.4	0.2	2.0	0.0	0.0	5.8	0.0	0.0	-5.5
4606	638995.31	4873606.04	322.81	0	DEN	500	54.2	8.1	0.0	0.0	0.0	54.4	0.3	-0.8	0.0	0.0	10.5	0.0	0.0	-2.0
4606	638995.31	4873606.04	322.81	0	DEN	1000	60.4	8.1	0.0	0.0	0.0	54.4	0.5	-1.2	0.0	0.0	13.1	0.0	0.0	1.7
4606	638995.31	4873606.04	322.81	0	DEN	2000	59.6	8.1	0.0	0.0	0.0	54.4	1.4	-1.2	0.0	0.0	15.7	0.0	0.0	-2.6
4606	638995.31	4873606.04	322.81	0	DEN	4000	55.4	8.1	0.0	0.0	0.0	54.4	4.9	-1.2	0.0	0.0	18.5	0.0	0.0	-13.0
4606	638995.31	4873606.04	322.81	0	DEN	8000	52.3	8.1	0.0	0.0	0.0	54.4	17.3	-1.2	0.0	0.0	21.2	0.0	0.0	-31.3
4614	638932.72	4873894.59	328.13	1	DEN	1000	60.4	-13.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-20.6
4614	638932.72	4873894.59	328.13	1	DEN	2000	59.6	-13.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-24.7
4614	638932.72	4873894.59	328.13	1	DEN	4000	55.4	-13.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-35.7
4614	638932.72	4873894.59	328.13	1	DEN	8000	52.3	-13.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-56.8
4635	638965.05	4873753.50	325.70	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-20.3
4635	638965.05	4873753.50	325.70	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-13.3
4635	638965.05	4873753.50	325.70	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-8.9
4635	638965.05	4873753.50	325.70	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	9.7	0.0	0.0	-5.6
4635	638965.05	4873753.50	325.70	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-2.7
4635	638965.05	4873753.50	325.70	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	17.6	0.0	0.0	0.6
4635	638965.05	4873753.50	325.70	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.5	0.0	0.0	-3.3
4635	638965.05	4873753.50	325.70	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.1
4635	638965.05	4873753.50	325.70	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-16.3
4644	638961.61	4873767.81	325.96	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-20.9
4644	638961.61	4873767.81	325.96	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-13.7
4644	638961.61	4873767.81	325.96	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.7	0.0	0.9	0.0	0.0	7.5	0.0	0.0	-9.0
4644	638961.61	4873767.81	325.96	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.7	0.1	1.8	0.0	0.0	8.6	0.0	0.0	-5.5
4644	638961.61	4873767.81	325.96	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-2.5
4644	638961.61	4873767.81	325.96	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	16.4	0.0	0.0	0.9
4644	638961.61	4873767.81	325.96	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.7	0.5	-1.0	0.0	0.0	19.3	0.0	0.0	-3.0
4644	638961.61	4873767.81	325.96	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.7	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-10.2
4644	638961.61	4873767.81	325.96	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.7	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-17.9
4653	638968.03	4873740.66	325.48	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-20.4
4653	638968.03	4873740.66	325.48	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-13.5
4653	638968.03	4873740.66	325.48	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.5	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-9.2
4653	638968.03	4873740.66	325.48	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.5	0.0	1.6	0.0	0.0	10.5	0.0	0.0	-6.0
4653	638968.03	4873740.66	325.48	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.5	0.1	-0.7	0.0	0.0	15.3	0.0	0.0	-3.2
4653	638968.03	4873740.66	325.48	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.5	0.2	-1.0	0.0	0.0	18.4	0.0	0.0	0.1
4653	638968.03	4873740.66	325.48	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.5	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-3.6
4653	638968.03	4873740.66	325.48	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.5	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-8.9
4653	638968.03	4873740.66	325.48	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.5	5.5	-1.0	0.0	0.0	21.0	0.0	0.0	-15.9
4661	638966.15	4873748.66	325.62	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-20.3
4661	638966.15	4873748.66	325.62	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-13.3
4661	638966.15	4873748.66	325.62	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.8	0.0	0.0	-9.0
4661	638966.15	4873748.66	325.62	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.3	0.0	0.0	-5.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4661	638966.15	4873748.66	325.62	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.0	0.0	0.0	-2.9
4661	638966.15	4873748.66	325.62	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	0.5
4661	638966.15	4873748.66	325.62	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-3.5
4661	638966.15	4873748.66	325.62	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-8.9
4661	638966.15	4873748.66	325.62	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-16.1
4670	638969.67	4873733.93	325.36	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-20.6
4670	638969.67	4873733.93	325.36	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-13.7
4670	638969.67	4873733.93	325.36	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.7	0.0	0.9	0.0	0.0	9.0	0.0	0.0	-9.4
4670	638969.67	4873733.93	325.36	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.7	0.1	1.7	0.0	0.0	10.5	0.0	0.0	-6.3
4670	638969.67	4873733.93	325.36	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.7	0.1	-0.6	0.0	0.0	15.4	0.0	0.0	-3.5
4670	638969.67	4873733.93	325.36	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.5	0.0	0.0	-0.2
4670	638969.67	4873733.93	325.36	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-3.7
4670	638969.67	4873733.93	325.36	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.0
4670	638969.67	4873733.93	325.36	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.7	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-16.2
4679	638971.70	4873725.08	325.21	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-20.8
4679	638971.70	4873725.08	325.21	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-13.9
4679	638971.70	4873725.08	325.21	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.1	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-9.5
4679	638971.70	4873725.08	325.21	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.1	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-6.3
4679	638971.70	4873725.08	325.21	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-3.5
4679	638971.70	4873725.08	325.21	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-0.2
4679	638971.70	4873725.08	325.21	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-4.1
4679	638971.70	4873725.08	325.21	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
4679	638971.70	4873725.08	325.21	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-16.9
4687	638972.88	4873719.81	325.12	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-21.1
4687	638972.88	4873719.81	325.12	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-14.1
4687	638972.88	4873719.81	325.12	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-9.7
4687	638972.88	4873719.81	325.12	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-6.4
4687	638972.88	4873719.81	325.12	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-3.5
4687	638972.88	4873719.81	325.12	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.8	0.0	0.0	-0.2
4687	638972.88	4873719.81	325.12	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-4.2
4687	638972.88	4873719.81	325.12	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-10.0
4687	638972.88	4873719.81	325.12	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-17.5
4695	638976.64	4873703.82	324.84	0	DEN	32	29.0	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-22.2
4695	638976.64	4873703.82	324.84	0	DEN	63	37.2	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-15.1
4695	638976.64	4873703.82	324.84	0	DEN	125	43.3	1.8	0.0	0.0	0.0	46.8	0.0	1.2	0.0	0.0	7.6	0.0	0.0	-10.6
4695	638976.64	4873703.82	324.84	0	DEN	250	48.8	1.8	0.0	0.0	0.0	46.8	0.1	2.2	0.0	0.0	8.8	0.0	0.0	-7.2
4695	638976.64	4873703.82	324.84	0	DEN	500	54.2	1.8	0.0	0.0	0.0	46.8	0.1	-0.5	0.0	0.0	13.9	0.0	0.0	-4.3
4695	638976.64	4873703.82	324.84	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	46.8	0.2	-0.9	0.0	0.0	17.0	0.0	0.0	-0.9
4695	638976.64	4873703.82	324.84	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	46.8	0.6	-0.9	0.0	0.0	19.9	0.0	0.0	-5.0
4695	638976.64	4873703.82	324.84	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	46.8	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-11.6
4695	638976.64	4873703.82	324.84	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	46.8	7.2	-0.9	0.0	0.0	20.9	0.0	0.0	-19.9
4702	638958.79	4873780.88	326.18	0	DEN	32	29.0	7.9	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-15.8
4702	638958.79	4873780.88	326.18	0	DEN	63	37.2	7.9	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-8.4
4702	638958.79	4873780.88	326.18	0	DEN	125	43.3	7.9	0.0	0.0	0.0	46.8	0.0	1.0	0.0	0.0	7.0	0.0	0.0	-3.7
4702	638958.79	4873780.88	326.18	0	DEN	250	48.8	7.9	0.0	0.0	0.0	46.8	0.1	1.9	0.0	0.0	7.9	0.0	0.0	-0.0
4702	638958.79	4873780.88	326.18	0	DEN	500	54.2	7.9	0.0	0.0	0.0	46.8	0.1	-0.6	0.0	0.0	12.8	0.0	0.0	3.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4702	638958.79	4873780.88	326.18	0	DEN	1000	60.4	7.9	0.0	0.0	0.0	46.8	0.2	-1.0	0.0	0.0	15.7	0.0	0.0	6.5
4702	638958.79	4873780.88	326.18	0	DEN	2000	59.6	7.9	0.0	0.0	0.0	46.8	0.6	-1.0	0.0	0.0	18.5	0.0	0.0	2.6
4702	638958.79	4873780.88	326.18	0	DEN	4000	55.4	7.9	0.0	0.0	0.0	46.8	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-5.6
4702	638958.79	4873780.88	326.18	0	DEN	8000	52.3	7.9	0.0	0.0	0.0	46.8	7.2	-1.0	0.0	0.0	21.0	0.0	0.0	-13.8
4710	638961.14	4873770.35	326.00	0	DEN	32	29.0	4.9	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-18.0
4710	638961.14	4873770.35	326.00	0	DEN	63	37.2	4.9	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-10.8
4710	638961.14	4873770.35	326.00	0	DEN	125	43.3	4.9	0.0	0.0	0.0	45.9	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-6.1
4710	638961.14	4873770.35	326.00	0	DEN	250	48.8	4.9	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	8.7	0.0	0.0	-2.6
4710	638961.14	4873770.35	326.00	0	DEN	500	54.2	4.9	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	0.4
4710	638961.14	4873770.35	326.00	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	45.9	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	3.8
4710	638961.14	4873770.35	326.00	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	45.9	0.5	-1.1	0.0	0.0	19.2	0.0	0.0	-0.1
4710	638961.14	4873770.35	326.00	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	45.9	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-7.4
4710	638961.14	4873770.35	326.00	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	45.9	6.5	-1.1	0.0	0.0	21.1	0.0	0.0	-15.2
4718	638963.56	4873760.46	325.82	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-20.5
4718	638963.56	4873760.46	325.82	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-13.4
4718	638963.56	4873760.46	325.82	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-8.9
4718	638963.56	4873760.46	325.82	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.3	0.0	0.0	-5.5
4718	638963.56	4873760.46	325.82	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-2.6
4718	638963.56	4873760.46	325.82	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	0.8
4718	638963.56	4873760.46	325.82	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-3.2
4718	638963.56	4873760.46	325.82	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
4718	638963.56	4873760.46	325.82	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-16.9
4725	638965.60	4873751.62	325.67	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-20.3
4725	638965.60	4873751.62	325.67	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-13.3
4725	638965.60	4873751.62	325.67	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.7	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-8.9
4725	638965.60	4873751.62	325.67	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.7	0.1	1.4	0.0	0.0	10.2	0.0	0.0	-5.6
4725	638965.60	4873751.62	325.67	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.7	0.1	-0.8	0.0	0.0	14.9	0.0	0.0	-2.8
4725	638965.60	4873751.62	325.67	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.7	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	0.6
4725	638965.60	4873751.62	325.67	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-3.4
4725	638965.60	4873751.62	325.67	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.7	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-9.0
4725	638965.60	4873751.62	325.67	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.7	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-16.2
4732	638955.19	4873796.03	326.44	0	DEN	32	29.0	7.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-17.0
4732	638955.19	4873796.03	326.44	0	DEN	63	37.2	7.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-9.5
4732	638955.19	4873796.03	326.44	0	DEN	125	43.3	7.9	0.0	0.0	0.0	48.2	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-4.5
4732	638955.19	4873796.03	326.44	0	DEN	250	48.8	7.9	0.0	0.0	0.0	48.2	0.1	2.1	0.0	0.0	6.9	0.0	0.0	-0.7
4732	638955.19	4873796.03	326.44	0	DEN	500	54.2	7.9	0.0	0.0	0.0	48.2	0.1	-0.6	0.0	0.0	11.8	0.0	0.0	2.5
4732	638955.19	4873796.03	326.44	0	DEN	1000	60.4	7.9	0.0	0.0	0.0	48.2	0.3	-1.0	0.0	0.0	14.7	0.0	0.0	6.1
4732	638955.19	4873796.03	326.44	0	DEN	2000	59.6	7.9	0.0	0.0	0.0	48.2	0.7	-1.0	0.0	0.0	17.4	0.0	0.0	2.2
4732	638955.19	4873796.03	326.44	0	DEN	4000	55.4	7.9	0.0	0.0	0.0	48.2	2.4	-1.0	0.0	0.0	20.3	0.0	0.0	-6.6
4732	638955.19	4873796.03	326.44	0	DEN	8000	52.3	7.9	0.0	0.0	0.0	48.2	8.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.5
4738	638952.68	4873807.42	326.63	0	DEN	32	29.0	4.9	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-20.9
4738	638952.68	4873807.42	326.63	0	DEN	63	37.2	4.9	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-13.3
4738	638952.68	4873807.42	326.63	0	DEN	125	43.3	4.9	0.0	0.0	0.0	49.2	0.0	1.2	0.0	0.0	5.8	0.0	0.0	-8.2
4738	638952.68	4873807.42	326.63	0	DEN	250	48.8	4.9	0.0	0.0	0.0	49.2	0.1	2.1	0.0	0.0	6.4	0.0	0.0	-4.2
4738	638952.68	4873807.42	326.63	0	DEN	500	54.2	4.9	0.0	0.0	0.0	49.2	0.2	-0.7	0.0	0.0	11.2	0.0	0.0	-0.9
4738	638952.68	4873807.42	326.63	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	49.2	0.3	-1.1	0.0	0.0	14.0	0.0	0.0	2.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4738	638952.68	4873807.42	326.63	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	49.2	0.8	-1.1	0.0	0.0	16.6	0.0	0.0	-1.2
4738	638952.68	4873807.42	326.63	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	49.2	2.7	-1.1	0.0	0.0	19.5	0.0	0.0	-10.1
4738	638952.68	4873807.42	326.63	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	49.2	9.5	-1.1	0.0	0.0	21.1	0.0	0.0	-21.6
4747	638948.93	4873823.42	326.91	0	DEN	32	29.0	4.9	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-22.1
4747	638948.93	4873823.42	326.91	0	DEN	63	37.2	4.9	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-14.3
4747	638948.93	4873823.42	326.91	0	DEN	125	43.3	4.9	0.0	0.0	0.0	50.6	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-9.1
4747	638948.93	4873823.42	326.91	0	DEN	250	48.8	4.9	0.0	0.0	0.0	50.6	0.1	2.0	0.0	0.0	5.8	0.0	0.0	-4.9
4747	638948.93	4873823.42	326.91	0	DEN	500	54.2	4.9	0.0	0.0	0.0	50.6	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	-1.3
4747	638948.93	4873823.42	326.91	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	50.6	0.3	-1.1	0.0	0.0	12.9	0.0	0.0	2.5
4747	638948.93	4873823.42	326.91	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	50.6	0.9	-1.1	0.0	0.0	15.5	0.0	0.0	-1.4
4747	638948.93	4873823.42	326.91	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	50.6	3.1	-1.1	0.0	0.0	18.3	0.0	0.0	-10.6
4747	638948.93	4873823.42	326.91	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	50.6	11.2	-1.1	0.0	0.0	21.1	0.0	0.0	-24.6
4756	638948.46	4873825.96	326.95	0	DEN	32	29.0	1.8	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-25.2
4756	638948.46	4873825.96	326.95	0	DEN	63	37.2	1.8	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-17.5
4756	638948.46	4873825.96	326.95	0	DEN	125	43.3	1.8	0.0	0.0	0.0	50.8	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-12.2
4756	638948.46	4873825.96	326.95	0	DEN	250	48.8	1.8	0.0	0.0	0.0	50.8	0.1	1.9	0.0	0.0	5.8	0.0	0.0	-8.0
4756	638948.46	4873825.96	326.95	0	DEN	500	54.2	1.8	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	-4.4
4756	638948.46	4873825.96	326.95	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	50.8	0.4	-1.2	0.0	0.0	12.8	0.0	0.0	-0.6
4756	638948.46	4873825.96	326.95	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	50.8	0.9	-1.2	0.0	0.0	15.4	0.0	0.0	-4.5
4756	638948.46	4873825.96	326.95	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	50.8	3.2	-1.2	0.0	0.0	18.2	0.0	0.0	-13.7
4756	638948.46	4873825.96	326.95	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	50.8	11.4	-1.2	0.0	0.0	21.0	0.0	0.0	-27.9
4764	638952.22	4873809.96	326.67	0	DEN	32	29.0	1.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-24.1
4764	638952.22	4873809.96	326.67	0	DEN	63	37.2	1.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-16.5
4764	638952.22	4873809.96	326.67	0	DEN	125	43.3	1.8	0.0	0.0	0.0	49.5	0.0	1.3	0.0	0.0	5.7	0.0	0.0	-11.3
4764	638952.22	4873809.96	326.67	0	DEN	250	48.8	1.8	0.0	0.0	0.0	49.5	0.1	2.2	0.0	0.0	6.2	0.0	0.0	-7.3
4764	638952.22	4873809.96	326.67	0	DEN	500	54.2	1.8	0.0	0.0	0.0	49.5	0.2	-0.6	0.0	0.0	11.0	0.0	0.0	-4.0
4764	638952.22	4873809.96	326.67	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	49.5	0.3	-1.0	0.0	0.0	13.8	0.0	0.0	-0.3
4764	638952.22	4873809.96	326.67	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	49.5	0.8	-1.1	0.0	0.0	16.5	0.0	0.0	-4.3
4764	638952.22	4873809.96	326.67	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	49.5	2.7	-1.1	0.0	0.0	19.3	0.0	0.0	-13.2
4764	638952.22	4873809.96	326.67	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	49.5	9.8	-1.1	0.0	0.0	21.1	0.0	0.0	-25.1
4772	638946.27	4873835.65	327.12	0	DEN	32	29.0	4.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-22.9
4772	638946.27	4873835.65	327.12	0	DEN	63	37.2	4.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-15.1
4772	638946.27	4873835.65	327.12	0	DEN	125	43.3	4.9	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.1	0.0	0.0	-9.7
4772	638946.27	4873835.65	327.12	0	DEN	250	48.8	4.9	0.0	0.0	0.0	51.5	0.1	1.8	0.0	0.0	5.6	0.0	0.0	-5.4
4772	638946.27	4873835.65	327.12	0	DEN	500	54.2	4.9	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-1.7
4772	638946.27	4873835.65	327.12	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	51.5	0.4	-1.2	0.0	0.0	12.3	0.0	0.0	2.3
4772	638946.27	4873835.65	327.12	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-1.7
4772	638946.27	4873835.65	327.12	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.5	0.0	0.0	-11.0
4772	638946.27	4873835.65	327.12	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	51.5	12.5	-1.3	0.0	0.0	20.3	0.0	0.0	-25.9
4781	638940.16	4873862.18	327.58	0	DEN	32	29.0	7.9	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-21.6
4781	638940.16	4873862.18	327.58	0	DEN	63	37.2	7.9	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-13.6
4781	638940.16	4873862.18	327.58	0	DEN	125	43.3	7.9	0.0	0.0	0.0	53.4	0.1	1.2	0.0	0.0	4.5	0.0	0.0	-8.0
4781	638940.16	4873862.18	327.58	0	DEN	250	48.8	7.9	0.0	0.0	0.0	53.4	0.1	1.8	0.0	0.0	4.7	0.0	0.0	-3.4
4781	638940.16	4873862.18	327.58	0	DEN	500	54.2	7.9	0.0	0.0	0.0	53.4	0.3	-0.9	0.0	0.0	8.7	0.0	0.0	0.6
4781	638940.16	4873862.18	327.58	0	DEN	1000	60.4	7.9	0.0	0.0	0.0	53.4	0.5	-1.3	0.0	0.0	10.8	0.0	0.0	4.8
4781	638940.16	4873862.18	327.58	0	DEN	2000	59.6	7.9	0.0	0.0	0.0	53.4	1.3	-1.3	0.0	0.0	13.1	0.0	0.0	1.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4781	638940.16	4873862.18	327.58	0	DEN	4000	55.4	7.9	0.0	0.0	0.0	53.4	4.3	-1.3	0.0	0.0	15.6	0.0	0.0	-8.8
4781	638940.16	4873862.18	327.58	0	DEN	8000	52.3	7.9	0.0	0.0	0.0	53.4	15.4	-1.3	0.0	0.0	18.4	0.0	0.0	-25.7
4790	638980.86	4873683.12	324.51	0	DEN	32	29.0	10.9	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-14.9
4790	638980.86	4873683.12	324.51	0	DEN	63	37.2	10.9	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-7.7
4790	638980.86	4873683.12	324.51	0	DEN	125	43.3	10.9	0.0	0.0	0.0	48.8	0.0	1.5	0.0	0.0	7.0	0.0	0.0	-3.1
4790	638980.86	4873683.12	324.51	0	DEN	250	48.8	10.9	0.0	0.0	0.0	48.8	0.1	2.5	0.0	0.0	7.9	0.0	0.0	0.4
4790	638980.86	4873683.12	324.51	0	DEN	500	54.2	10.9	0.0	0.0	0.0	48.8	0.1	-0.5	0.0	0.0	13.2	0.0	0.0	3.4
4790	638980.86	4873683.12	324.51	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	48.8	0.3	-0.9	0.0	0.0	16.3	0.0	0.0	6.8
4790	638980.86	4873683.12	324.51	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	48.8	0.7	-0.9	0.0	0.0	19.1	0.0	0.0	2.7
4790	638980.86	4873683.12	324.51	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	48.8	2.5	-0.9	0.0	0.0	20.9	0.0	0.0	-5.1
4790	638980.86	4873683.12	324.51	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	48.8	9.1	-0.9	0.0	0.0	20.9	0.0	0.0	-14.7
4799	638978.04	4873696.20	324.72	0	DEN	32	29.0	7.9	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-16.9
4799	638978.04	4873696.20	324.72	0	DEN	63	37.2	7.9	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-9.7
4799	638978.04	4873696.20	324.72	0	DEN	125	43.3	7.9	0.0	0.0	0.0	47.6	0.0	1.0	0.0	0.0	7.7	0.0	0.0	-5.2
4799	638978.04	4873696.20	324.72	0	DEN	250	48.8	7.9	0.0	0.0	0.0	47.6	0.1	1.9	0.0	0.0	8.8	0.0	0.0	-1.8
4799	638978.04	4873696.20	324.72	0	DEN	500	54.2	7.9	0.0	0.0	0.0	47.6	0.1	-0.7	0.0	0.0	13.9	0.0	0.0	1.2
4799	638978.04	4873696.20	324.72	0	DEN	1000	60.4	7.9	0.0	0.0	0.0	47.6	0.2	-1.1	0.0	0.0	16.9	0.0	0.0	4.6
4799	638978.04	4873696.20	324.72	0	DEN	2000	59.6	7.9	0.0	0.0	0.0	47.6	0.7	-1.1	0.0	0.0	19.8	0.0	0.0	0.5
4799	638978.04	4873696.20	324.72	0	DEN	4000	55.4	7.9	0.0	0.0	0.0	47.6	2.2	-1.1	0.0	0.0	21.1	0.0	0.0	-6.5
4799	638978.04	4873696.20	324.72	0	DEN	8000	52.3	7.9	0.0	0.0	0.0	47.6	7.9	-1.1	0.0	0.0	21.1	0.0	0.0	-15.3
4809	638976.01	4873703.96	324.87	0	DEN	32	29.0	4.9	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-19.2
4809	638976.01	4873703.96	324.87	0	DEN	63	37.2	4.9	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-12.0
4809	638976.01	4873703.96	324.87	0	DEN	125	43.3	4.9	0.0	0.0	0.0	46.9	0.0	1.2	0.0	0.0	7.5	0.0	0.0	-7.5
4809	638976.01	4873703.96	324.87	0	DEN	250	48.8	4.9	0.0	0.0	0.0	46.9	0.1	2.2	0.0	0.0	8.6	0.0	0.0	-4.0
4809	638976.01	4873703.96	324.87	0	DEN	500	54.2	4.9	0.0	0.0	0.0	46.9	0.1	-0.5	0.0	0.0	13.7	0.0	0.0	-1.1
4809	638976.01	4873703.96	324.87	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	46.9	0.2	-0.9	0.0	0.0	16.8	0.0	0.0	2.3
4809	638976.01	4873703.96	324.87	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	46.9	0.6	-0.9	0.0	0.0	19.6	0.0	0.0	-1.7
4809	638976.01	4873703.96	324.87	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	46.9	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-8.7
4809	638976.01	4873703.96	324.87	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	46.9	7.3	-0.9	0.0	0.0	20.9	0.0	0.0	-17.0
4817	638973.82	4873713.65	325.04	0	DEN	32	29.0	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-18.4
4817	638973.82	4873713.65	325.04	0	DEN	63	37.2	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-11.3
4817	638973.82	4873713.65	325.04	0	DEN	125	43.3	4.9	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-6.8
4817	638973.82	4873713.65	325.04	0	DEN	250	48.8	4.9	0.0	0.0	0.0	46.0	0.1	1.9	0.0	0.0	9.1	0.0	0.0	-3.4
4817	638973.82	4873713.65	325.04	0	DEN	500	54.2	4.9	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-0.5
4817	638973.82	4873713.65	325.04	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	2.9
4817	638973.82	4873713.65	325.04	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-1.1
4817	638973.82	4873713.65	325.04	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-7.6
4817	638973.82	4873713.65	325.04	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	46.0	6.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.4
4826	638973.97	4873713.89	325.03	0	DEN	32	29.0	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-18.4
4826	638973.97	4873713.89	325.03	0	DEN	63	37.2	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-11.3
4826	638973.97	4873713.89	325.03	0	DEN	125	43.3	4.9	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-6.8
4826	638973.97	4873713.89	325.03	0	DEN	250	48.8	4.9	0.0	0.0	0.0	46.0	0.1	1.9	0.0	0.0	9.1	0.0	0.0	-3.4
4826	638973.97	4873713.89	325.03	0	DEN	500	54.2	4.9	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-0.6
4826	638973.97	4873713.89	325.03	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	2.8
4826	638973.97	4873713.89	325.03	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-1.2
4826	638973.97	4873713.89	325.03	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-7.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4826	638973.97	4873713.89	325.03	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	46.0	6.5	-1.0	0.0	0.0	21.0	0.0	0.0	-15.4
4833	638977.11	4873701.28	324.80	0	DEN	32	29.0	4.9	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-19.4
4833	638977.11	4873701.28	324.80	0	DEN	63	37.2	4.9	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-12.3
4833	638977.11	4873701.28	324.80	0	DEN	125	43.3	4.9	0.0	0.0	0.0	47.1	0.0	1.2	0.0	0.0	7.6	0.0	0.0	-7.8
4833	638977.11	4873701.28	324.80	0	DEN	250	48.8	4.9	0.0	0.0	0.0	47.1	0.1	2.1	0.0	0.0	8.8	0.0	0.0	-4.4
4833	638977.11	4873701.28	324.80	0	DEN	500	54.2	4.9	0.0	0.0	0.0	47.1	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-1.5
4833	638977.11	4873701.28	324.80	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	47.1	0.2	-0.9	0.0	0.0	17.0	0.0	0.0	1.9
4833	638977.11	4873701.28	324.80	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	47.1	0.6	-0.9	0.0	0.0	19.8	0.0	0.0	-2.1
4833	638977.11	4873701.28	324.80	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	47.1	2.1	-0.9	0.0	0.0	20.9	0.0	0.0	-8.9
4833	638977.11	4873701.28	324.80	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	47.1	7.4	-0.9	0.0	0.0	20.9	0.0	0.0	-17.4
4842	638971.78	4873723.58	325.19	0	DEN	32	29.0	7.9	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-14.9
4842	638971.78	4873723.58	325.19	0	DEN	63	37.2	7.9	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-7.9
4842	638971.78	4873723.58	325.19	0	DEN	125	43.3	7.9	0.0	0.0	0.0	45.2	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-3.5
4842	638971.78	4873723.58	325.19	0	DEN	250	48.8	7.9	0.0	0.0	0.0	45.2	0.1	1.5	0.0	0.0	10.1	0.0	0.0	-0.3
4842	638971.78	4873723.58	325.19	0	DEN	500	54.2	7.9	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	2.6
4842	638971.78	4873723.58	325.19	0	DEN	1000	60.4	7.9	0.0	0.0	0.0	45.2	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	5.9
4842	638971.78	4873723.58	325.19	0	DEN	2000	59.6	7.9	0.0	0.0	0.0	45.2	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	1.9
4842	638971.78	4873723.58	325.19	0	DEN	4000	55.4	7.9	0.0	0.0	0.0	45.2	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-3.7
4842	638971.78	4873723.58	325.19	0	DEN	8000	52.3	7.9	0.0	0.0	0.0	45.2	6.0	-1.1	0.0	0.0	21.1	0.0	0.0	-11.1
4851	638969.43	4873733.04	325.37	0	DEN	32	29.0	4.9	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-17.6
4851	638969.43	4873733.04	325.37	0	DEN	63	37.2	4.9	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-10.7
4851	638969.43	4873733.04	325.37	0	DEN	125	43.3	4.9	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.9	0.0	0.0	-6.4
4851	638969.43	4873733.04	325.37	0	DEN	250	48.8	4.9	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	10.3	0.0	0.0	-3.2
4851	638969.43	4873733.04	325.37	0	DEN	500	54.2	4.9	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	15.2	0.0	0.0	-0.4
4851	638969.43	4873733.04	325.37	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	2.9
4851	638969.43	4873733.04	325.37	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-0.8
4851	638969.43	4873733.04	325.37	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-6.1
4851	638969.43	4873733.04	325.37	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-13.3
4861	638967.24	4873742.73	325.53	0	DEN	32	29.0	4.9	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-17.3
4861	638967.24	4873742.73	325.53	0	DEN	63	37.2	4.9	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-10.4
4861	638967.24	4873742.73	325.53	0	DEN	125	43.3	4.9	0.0	0.0	0.0	44.6	0.0	0.7	0.0	0.0	9.0	0.0	0.0	-6.1
4861	638967.24	4873742.73	325.53	0	DEN	250	48.8	4.9	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-2.8
4861	638967.24	4873742.73	325.53	0	DEN	500	54.2	4.9	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.2	0.0	0.0	-0.0
4861	638967.24	4873742.73	325.53	0	DEN	1000	60.4	4.9	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	3.3
4861	638967.24	4873742.73	325.53	0	DEN	2000	59.6	4.9	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-0.6
4861	638967.24	4873742.73	325.53	0	DEN	4000	55.4	4.9	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-5.9
4861	638967.24	4873742.73	325.53	0	DEN	8000	52.3	4.9	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-13.0
4870	638966.77	4873745.27	325.57	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-20.3
4870	638966.77	4873745.27	325.57	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-13.4
4870	638966.77	4873745.27	325.57	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.9	0.0	0.0	-9.0
4870	638966.77	4873745.27	325.57	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-5.8
4870	638966.77	4873745.27	325.57	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-3.0
4870	638966.77	4873745.27	325.57	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	0.4
4870	638966.77	4873745.27	325.57	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-3.6
4870	638966.77	4873745.27	325.57	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-8.9
4870	638966.77	4873745.27	325.57	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-16.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4881	638964.89	4873753.27	325.71	0	DEN	32	29.0	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-20.3
4881	638964.89	4873753.27	325.71	0	DEN	63	37.2	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-13.3
4881	638964.89	4873753.27	325.71	0	DEN	125	43.3	1.8	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.3	0.0	0.0	-8.9
4881	638964.89	4873753.27	325.71	0	DEN	250	48.8	1.8	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	9.7	0.0	0.0	-5.6
4881	638964.89	4873753.27	325.71	0	DEN	500	54.2	1.8	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	14.5	0.0	0.0	-2.7
4881	638964.89	4873753.27	325.71	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	17.6	0.0	0.0	0.7
4881	638964.89	4873753.27	325.71	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.4	0.0	0.0	-3.3
4881	638964.89	4873753.27	325.71	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.2
4881	638964.89	4873753.27	325.71	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-16.4
4891	638963.17	4873760.42	325.84	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-20.5
4891	638963.17	4873760.42	325.84	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-13.4
4891	638963.17	4873760.42	325.84	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-8.9
4891	638963.17	4873760.42	325.84	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.2	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-5.5
4891	638963.17	4873760.42	325.84	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-2.6
4891	638963.17	4873760.42	325.84	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	0.8
4891	638963.17	4873760.42	325.84	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	19.9	0.0	0.0	-3.1
4891	638963.17	4873760.42	325.84	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-9.6
4891	638963.17	4873760.42	325.84	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-17.0
4901	638960.98	4873770.11	326.00	0	DEN	32	29.0	1.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-21.0
4901	638960.98	4873770.11	326.00	0	DEN	63	37.2	1.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-13.8
4901	638960.98	4873770.11	326.00	0	DEN	125	43.3	1.8	0.0	0.0	0.0	45.9	0.0	0.8	0.0	0.0	7.5	0.0	0.0	-9.1
4901	638960.98	4873770.11	326.00	0	DEN	250	48.8	1.8	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	8.6	0.0	0.0	-5.6
4901	638960.98	4873770.11	326.00	0	DEN	500	54.2	1.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-2.6
4901	638960.98	4873770.11	326.00	0	DEN	1000	60.4	1.8	0.0	0.0	0.0	45.9	0.2	-1.1	0.0	0.0	16.3	0.0	0.0	0.9
4901	638960.98	4873770.11	326.00	0	DEN	2000	59.6	1.8	0.0	0.0	0.0	45.9	0.5	-1.1	0.0	0.0	19.1	0.0	0.0	-3.1
4901	638960.98	4873770.11	326.00	0	DEN	4000	55.4	1.8	0.0	0.0	0.0	45.9	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-10.5
4901	638960.98	4873770.11	326.00	0	DEN	8000	52.3	1.8	0.0	0.0	0.0	45.9	6.5	-1.1	0.0	0.0	21.1	0.0	0.0	-18.2
4911	638932.76	4873894.63	328.13	1	DEN	1000	60.4	-11.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-18.6
4911	638932.76	4873894.63	328.13	1	DEN	2000	59.6	-11.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-22.7
4911	638932.76	4873894.63	328.13	1	DEN	4000	55.4	-11.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-33.7
4911	638932.76	4873894.63	328.13	1	DEN	8000	52.3	-11.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-54.8
4927	638952.98	4873818.80	326.73	0	DEN	32	29.0	7.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-18.8
4927	638952.98	4873818.80	326.73	0	DEN	63	37.2	7.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-11.2
4927	638952.98	4873818.80	326.73	0	DEN	125	43.3	7.8	0.0	0.0	0.0	50.0	0.0	1.3	0.0	0.0	5.8	0.0	0.0	-6.1
4927	638952.98	4873818.80	326.73	0	DEN	250	48.8	7.8	0.0	0.0	0.0	50.0	0.1	2.2	0.0	0.0	6.4	0.0	0.0	-2.2
4927	638952.98	4873818.80	326.73	0	DEN	500	54.2	7.8	0.0	0.0	0.0	50.0	0.2	-0.7	0.0	0.0	11.3	0.0	0.0	1.1
4927	638952.98	4873818.80	326.73	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	50.0	0.3	-1.1	0.0	0.0	14.1	0.0	0.0	4.8
4927	638952.98	4873818.80	326.73	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	50.0	0.9	-1.1	0.0	0.0	16.8	0.0	0.0	0.8
4927	638952.98	4873818.80	326.73	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	50.0	2.9	-1.1	0.0	0.0	19.6	0.0	0.0	-8.3
4927	638952.98	4873818.80	326.73	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	50.0	10.5	-1.1	0.0	0.0	21.1	0.0	0.0	-20.4
4937	638957.46	4873803.25	326.44	0	DEN	32	29.0	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-17.6
4937	638957.46	4873803.25	326.44	0	DEN	63	37.2	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-10.2
4937	638957.46	4873803.25	326.44	0	DEN	125	43.3	7.8	0.0	0.0	0.0	48.5	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-5.4
4937	638957.46	4873803.25	326.44	0	DEN	250	48.8	7.8	0.0	0.0	0.0	48.5	0.1	2.2	0.0	0.0	7.4	0.0	0.0	-1.7
4937	638957.46	4873803.25	326.44	0	DEN	500	54.2	7.8	0.0	0.0	0.0	48.5	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	1.4
4937	638957.46	4873803.25	326.44	0	DEN	1000	60.4	7.8	0.0	0.0	0.0	48.5	0.3	-1.0	0.0	0.0	15.5	0.0	0.0	4.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4937	638957.46	4873803.25	326.44	0	DEN	2000	59.6	7.8	0.0	0.0	0.0	48.5	0.7	-1.0	0.0	0.0	18.3	0.0	0.0	0.8
4937	638957.46	4873803.25	326.44	0	DEN	4000	55.4	7.8	0.0	0.0	0.0	48.5	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.8
4937	638957.46	4873803.25	326.44	0	DEN	8000	52.3	7.8	0.0	0.0	0.0	48.5	8.8	-1.0	0.0	0.0	21.0	0.0	0.0	-17.3
4947	638950.13	4873829.89	326.94	0	DEN	32	29.0	10.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-16.5
4947	638950.13	4873829.89	326.94	0	DEN	63	37.2	10.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-8.9
4947	638950.13	4873829.89	326.94	0	DEN	125	43.3	10.8	0.0	0.0	0.0	51.0	0.0	1.2	0.0	0.0	5.5	0.0	0.0	-3.6
4947	638950.13	4873829.89	326.94	0	DEN	250	48.8	10.8	0.0	0.0	0.0	51.0	0.1	1.9	0.0	0.0	6.1	0.0	0.0	0.5
4947	638950.13	4873829.89	326.94	0	DEN	500	54.2	10.8	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	10.7	0.0	0.0	3.9
4947	638950.13	4873829.89	326.94	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	13.3	0.0	0.0	7.7
4947	638950.13	4873829.89	326.94	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	15.9	0.0	0.0	3.7
4947	638950.13	4873829.89	326.94	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	18.7	0.0	0.0	-5.6
4947	638950.13	4873829.89	326.94	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	51.0	11.6	-1.2	0.0	0.0	21.2	0.0	0.0	-19.5
4955	638945.35	4873847.10	327.26	0	DEN	32	29.0	10.8	0.0	0.0	0.0	52.3	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-17.7
4955	638945.35	4873847.10	327.26	0	DEN	63	37.2	10.8	0.0	0.0	0.0	52.3	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-9.9
4955	638945.35	4873847.10	327.26	0	DEN	125	43.3	10.8	0.0	0.0	0.0	52.3	0.0	1.2	0.0	0.0	5.0	0.0	0.0	-4.5
4955	638945.35	4873847.10	327.26	0	DEN	250	48.8	10.8	0.0	0.0	0.0	52.3	0.1	1.8	0.0	0.0	5.5	0.0	0.0	-0.1
4955	638945.35	4873847.10	327.26	0	DEN	500	54.2	10.8	0.0	0.0	0.0	52.3	0.2	-0.9	0.0	0.0	9.7	0.0	0.0	3.6
4955	638945.35	4873847.10	327.26	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	52.3	0.4	-1.2	0.0	0.0	12.1	0.0	0.0	7.6
4955	638945.35	4873847.10	327.26	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	52.3	1.1	-1.3	0.0	0.0	14.5	0.0	0.0	3.7
4955	638945.35	4873847.10	327.26	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	52.3	3.8	-1.3	0.0	0.0	17.2	0.0	0.0	-5.9
4955	638945.35	4873847.10	327.26	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	52.3	13.6	-1.3	0.0	0.0	20.1	0.0	0.0	-21.6
4965	638939.65	4873869.29	327.66	0	DEN	32	29.0	10.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.8
4965	638939.65	4873869.29	327.66	0	DEN	63	37.2	10.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-11.0
4965	638939.65	4873869.29	327.66	0	DEN	125	43.3	10.8	0.0	0.0	0.0	53.8	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-5.5
4965	638939.65	4873869.29	327.66	0	DEN	250	48.8	10.8	0.0	0.0	0.0	53.8	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-0.8
4965	638939.65	4873869.29	327.66	0	DEN	500	54.2	10.8	0.0	0.0	0.0	53.8	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	3.2
4965	638939.65	4873869.29	327.66	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	53.8	0.5	-1.2	0.0	0.0	10.7	0.0	0.0	7.4
4965	638939.65	4873869.29	327.66	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	53.8	1.3	-1.3	0.0	0.0	12.9	0.0	0.0	3.6
4965	638939.65	4873869.29	327.66	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	53.8	4.5	-1.3	0.0	0.0	15.5	0.0	0.0	-6.3
4965	638939.65	4873869.29	327.66	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	53.8	16.1	-1.3	0.0	0.0	18.2	0.0	0.0	-23.8
4973	638963.27	4873778.31	326.00	0	DEN	32	29.0	10.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-12.6
4973	638963.27	4873778.31	326.00	0	DEN	63	37.2	10.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-5.5
4973	638963.27	4873778.31	326.00	0	DEN	125	43.3	10.8	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	8.1	0.0	0.0	-1.0
4973	638963.27	4873778.31	326.00	0	DEN	250	48.8	10.8	0.0	0.0	0.0	46.0	0.1	1.9	0.0	0.0	9.3	0.0	0.0	2.3
4973	638963.27	4873778.31	326.00	0	DEN	500	54.2	10.8	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	14.3	0.0	0.0	5.2
4973	638963.27	4873778.31	326.00	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	8.6
4973	638963.27	4873778.31	326.00	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	4.6
4973	638963.27	4873778.31	326.00	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-1.7
4973	638963.27	4873778.31	326.00	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	46.0	6.6	-1.0	0.0	0.0	21.0	0.0	0.0	-9.5
4980	638960.42	4873789.41	326.20	0	DEN	32	29.0	10.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-13.4
4980	638960.42	4873789.41	326.20	0	DEN	63	37.2	10.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-6.2
4980	638960.42	4873789.41	326.20	0	DEN	125	43.3	10.8	0.0	0.0	0.0	47.2	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-1.6
4980	638960.42	4873789.41	326.20	0	DEN	250	48.8	10.8	0.0	0.0	0.0	47.2	0.1	2.1	0.0	0.0	8.3	0.0	0.0	1.9
4980	638960.42	4873789.41	326.20	0	DEN	500	54.2	10.8	0.0	0.0	0.0	47.2	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	4.9
4980	638960.42	4873789.41	326.20	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	47.2	0.2	-0.9	0.0	0.0	16.4	0.0	0.0	8.3
4980	638960.42	4873789.41	326.20	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	47.2	0.6	-1.0	0.0	0.0	19.2	0.0	0.0	4.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4980	638960.42	4873789.41	326.20	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	47.2	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-3.1
4980	638960.42	4873789.41	326.20	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	47.2	7.5	-1.0	0.0	0.0	21.0	0.0	0.0	-11.7
4989	638958.38	4873798.27	326.36	0	DEN	32	29.0	10.8	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-14.2
4989	638958.38	4873798.27	326.36	0	DEN	63	37.2	10.8	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-6.8
4989	638958.38	4873798.27	326.36	0	DEN	125	43.3	10.8	0.0	0.0	0.0	48.1	0.0	1.2	0.0	0.0	6.9	0.0	0.0	-2.1
4989	638958.38	4873798.27	326.36	0	DEN	250	48.8	10.8	0.0	0.0	0.0	48.1	0.1	2.1	0.0	0.0	7.8	0.0	0.0	1.5
4989	638958.38	4873798.27	326.36	0	DEN	500	54.2	10.8	0.0	0.0	0.0	48.1	0.1	-0.6	0.0	0.0	12.8	0.0	0.0	4.6
4989	638958.38	4873798.27	326.36	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	48.1	0.3	-1.0	0.0	0.0	15.8	0.0	0.0	8.1
4989	638958.38	4873798.27	326.36	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	48.1	0.7	-1.0	0.0	0.0	18.6	0.0	0.0	4.0
4989	638958.38	4873798.27	326.36	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	48.1	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-4.2
4989	638958.38	4873798.27	326.36	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	48.1	8.3	-1.0	0.0	0.0	21.0	0.0	0.0	-13.3
4998	638953.90	4873813.82	326.65	0	DEN	32	29.0	10.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-15.4
4998	638953.90	4873813.82	326.65	0	DEN	63	37.2	10.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-7.8
4998	638953.90	4873813.82	326.65	0	DEN	125	43.3	10.8	0.0	0.0	0.0	49.6	0.0	1.4	0.0	0.0	5.8	0.0	0.0	-2.8
4998	638953.90	4873813.82	326.65	0	DEN	250	48.8	10.8	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	6.5	0.0	0.0	1.1
4998	638953.90	4873813.82	326.65	0	DEN	500	54.2	10.8	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	11.5	0.0	0.0	4.3
4998	638953.90	4873813.82	326.65	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	14.3	0.0	0.0	7.9
4998	638953.90	4873813.82	326.65	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	17.0	0.0	0.0	3.9
4998	638953.90	4873813.82	326.65	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	19.9	0.0	0.0	-5.1
4998	638953.90	4873813.82	326.65	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-16.5
5006	638932.89	4873894.75	328.13	1	DEN	1000	60.4	-6.6	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-13.7
5006	638932.89	4873894.75	328.13	1	DEN	2000	59.6	-6.6	0.0	0.0	0.0	56.2	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-17.9
5006	638932.89	4873894.75	328.13	1	DEN	4000	55.4	-6.6	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-28.9
5006	638932.89	4873894.75	328.13	1	DEN	8000	52.3	-6.6	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-50.0
5018	638831.05	4873524.04	324.40	0	DEN	32	29.0	11.0	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-25.1
5018	638831.05	4873524.04	324.40	0	DEN	63	37.2	11.0	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-17.0
5018	638831.05	4873524.04	324.40	0	DEN	125	43.3	11.0	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-11.0
5018	638831.05	4873524.04	324.40	0	DEN	250	48.8	11.0	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-5.7
5018	638831.05	4873524.04	324.40	0	DEN	500	54.2	11.0	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-0.7
5018	638831.05	4873524.04	324.40	0	DEN	1000	60.4	11.0	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	4.9
5018	638831.05	4873524.04	324.40	0	DEN	2000	59.6	11.0	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	2.0
5018	638831.05	4873524.04	324.40	0	DEN	4000	55.4	11.0	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-9.5
5018	638831.05	4873524.04	324.40	0	DEN	8000	52.3	11.0	0.0	0.0	0.0	60.3	34.3	-1.8	0.0	0.0	8.7	0.0	0.0	-38.2
5027	638741.69	4873606.93	326.75	0	DEN	32	29.0	24.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-12.0
5027	638741.69	4873606.93	326.75	0	DEN	63	37.2	24.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-3.9
5027	638741.69	4873606.93	326.75	0	DEN	125	43.3	24.6	0.0	0.0	0.0	60.8	0.1	1.0	0.0	0.0	3.9	0.0	0.0	2.1
5027	638741.69	4873606.93	326.75	0	DEN	250	48.8	24.6	0.0	0.0	0.0	60.8	0.3	1.4	0.0	0.0	3.6	0.0	0.0	7.3
5027	638741.69	4873606.93	326.75	0	DEN	500	54.2	24.6	0.0	0.0	0.0	60.8	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	12.2
5027	638741.69	4873606.93	326.75	0	DEN	1000	60.4	24.6	0.0	0.0	0.0	60.8	1.1	-1.9	0.0	0.0	7.4	0.0	0.0	17.5
5027	638741.69	4873606.93	326.75	0	DEN	2000	59.6	24.6	0.0	0.0	0.0	60.8	3.0	-1.9	0.0	0.0	8.1	0.0	0.0	14.2
5027	638741.69	4873606.93	326.75	0	DEN	4000	55.4	24.6	0.0	0.0	0.0	60.8	10.1	-1.9	0.0	0.0	9.2	0.0	0.0	1.8
5027	638741.69	4873606.93	326.75	0	DEN	8000	52.3	24.6	0.0	0.0	0.0	60.8	36.1	-1.9	0.0	0.0	10.7	0.0	0.0	-28.8
5036	638782.58	4873566.97	325.59	0	DEN	32	29.0	24.6	0.0	0.0	0.0	60.5	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-11.6
5036	638782.58	4873566.97	325.59	0	DEN	63	37.2	24.6	0.0	0.0	0.0	60.5	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-3.5
5036	638782.58	4873566.97	325.59	0	DEN	125	43.3	24.6	0.0	0.0	0.0	60.5	0.1	0.9	0.0	0.0	3.9	0.0	0.0	2.5
5036	638782.58	4873566.97	325.59	0	DEN	250	48.8	24.6	0.0	0.0	0.0	60.5	0.3	1.4	0.0	0.0	3.5	0.0	0.0	7.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5036	638782.58	4873566.97	325.59	0	DEN	500	54.2	24.6	0.0	0.0	0.0	60.5	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	12.7
5036	638782.58	4873566.97	325.59	0	DEN	1000	60.4	24.6	0.0	0.0	0.0	60.5	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	18.2
5036	638782.58	4873566.97	325.59	0	DEN	2000	59.6	24.6	0.0	0.0	0.0	60.5	2.9	-1.9	0.0	0.0	7.6	0.0	0.0	15.1
5036	638782.58	4873566.97	325.59	0	DEN	4000	55.4	24.6	0.0	0.0	0.0	60.5	9.7	-1.9	0.0	0.0	8.5	0.0	0.0	3.2
5036	638782.58	4873566.97	325.59	0	DEN	8000	52.3	24.6	0.0	0.0	0.0	60.5	34.7	-1.9	0.0	0.0	9.8	0.0	0.0	-26.2
5043	638716.47	4873625.29	327.21	0	DEN	32	29.0	27.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-9.4
5043	638716.47	4873625.29	327.21	0	DEN	63	37.2	27.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-1.3
5043	638716.47	4873625.29	327.21	0	DEN	125	43.3	27.6	0.0	0.0	0.0	61.2	0.1	1.0	0.0	0.0	3.9	0.0	0.0	4.7
5043	638716.47	4873625.29	327.21	0	DEN	250	48.8	27.6	0.0	0.0	0.0	61.2	0.3	1.3	0.0	0.0	3.7	0.0	0.0	9.9
5043	638716.47	4873625.29	327.21	0	DEN	500	54.2	27.6	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	14.8
5043	638716.47	4873625.29	327.21	0	DEN	1000	60.4	27.6	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	20.0
5043	638716.47	4873625.29	327.21	0	DEN	2000	59.6	27.6	0.0	0.0	0.0	61.2	3.1	-1.9	0.0	0.0	8.2	0.0	0.0	16.6
5043	638716.47	4873625.29	327.21	0	DEN	4000	55.4	27.6	0.0	0.0	0.0	61.2	10.6	-1.9	0.0	0.0	9.4	0.0	0.0	3.8
5043	638716.47	4873625.29	327.21	0	DEN	8000	52.3	27.6	0.0	0.0	0.0	61.2	37.8	-1.9	0.0	0.0	11.0	0.0	0.0	-28.2
5050	638805.70	4873548.14	325.09	0	DEN	32	29.0	17.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-18.6
5050	638805.70	4873548.14	325.09	0	DEN	63	37.2	17.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-10.5
5050	638805.70	4873548.14	325.09	0	DEN	125	43.3	17.5	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-4.5
5050	638805.70	4873548.14	325.09	0	DEN	250	48.8	17.5	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.4	0.0	0.0	0.8
5050	638805.70	4873548.14	325.09	0	DEN	500	54.2	17.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	5.8
5050	638805.70	4873548.14	325.09	0	DEN	1000	60.4	17.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	11.3
5050	638805.70	4873548.14	325.09	0	DEN	2000	59.6	17.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.3	0.0	0.0	8.4
5050	638805.70	4873548.14	325.09	0	DEN	4000	55.4	17.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	8.0	0.0	0.0	-3.2
5050	638805.70	4873548.14	325.09	0	DEN	8000	52.3	17.5	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.0	0.0	0.0	-31.9
5057	638785.39	4873568.29	325.68	0	DEN	32	29.0	14.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-21.7
5057	638785.39	4873568.29	325.68	0	DEN	63	37.2	14.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-13.6
5057	638785.39	4873568.29	325.68	0	DEN	125	43.3	14.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-7.6
5057	638785.39	4873568.29	325.68	0	DEN	250	48.8	14.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-2.3
5057	638785.39	4873568.29	325.68	0	DEN	500	54.2	14.5	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.5	0.0	0.0	2.7
5057	638785.39	4873568.29	325.68	0	DEN	1000	60.4	14.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.1	0.0	0.0	8.1
5057	638785.39	4873568.29	325.68	0	DEN	2000	59.6	14.5	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.6	0.0	0.0	5.1
5057	638785.39	4873568.29	325.68	0	DEN	4000	55.4	14.5	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	8.5	0.0	0.0	-6.8
5057	638785.39	4873568.29	325.68	0	DEN	8000	52.3	14.5	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	9.8	0.0	0.0	-35.9
5062	638744.22	4873607.91	326.82	0	DEN	32	29.0	14.5	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-22.1
5062	638744.22	4873607.91	326.82	0	DEN	63	37.2	14.5	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-13.9
5062	638744.22	4873607.91	326.82	0	DEN	125	43.3	14.5	0.0	0.0	0.0	60.7	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-8.0
5062	638744.22	4873607.91	326.82	0	DEN	250	48.8	14.5	0.0	0.0	0.0	60.7	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-2.8
5062	638744.22	4873607.91	326.82	0	DEN	500	54.2	14.5	0.0	0.0	0.0	60.7	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	2.2
5062	638744.22	4873607.91	326.82	0	DEN	1000	60.4	14.5	0.0	0.0	0.0	60.7	1.1	-1.9	0.0	0.0	7.4	0.0	0.0	7.5
5062	638744.22	4873607.91	326.82	0	DEN	2000	59.6	14.5	0.0	0.0	0.0	60.7	3.0	-1.9	0.0	0.0	8.1	0.0	0.0	4.2
5062	638744.22	4873607.91	326.82	0	DEN	4000	55.4	14.5	0.0	0.0	0.0	60.7	10.0	-1.9	0.0	0.0	9.2	0.0	0.0	-8.2
5062	638744.22	4873607.91	326.82	0	DEN	8000	52.3	14.5	0.0	0.0	0.0	60.7	35.8	-1.9	0.0	0.0	10.7	0.0	0.0	-38.6
5071	638638.87	4873700.27	329.37	0	DEN	32	29.0	26.0	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-12.3
5071	638638.87	4873700.27	329.37	0	DEN	63	37.2	26.0	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-4.2
5071	638638.87	4873700.27	329.37	0	DEN	125	43.3	26.0	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	1.8
5071	638638.87	4873700.27	329.37	0	DEN	250	48.8	26.0	0.0	0.0	0.0	62.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	7.0
5071	638638.87	4873700.27	329.37	0	DEN	500	54.2	26.0	0.0	0.0	0.0	62.6	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	12.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5071	638638.87	4873700.27	329.37	0	DEN	1000	60.4	26.0	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	17.3
5071	638638.87	4873700.27	329.37	0	DEN	2000	59.6	26.0	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	13.9
5071	638638.87	4873700.27	329.37	0	DEN	4000	55.4	26.0	0.0	0.0	0.0	62.6	12.4	-2.1	0.0	0.0	8.2	0.0	0.0	0.3
5071	638638.87	4873700.27	329.37	0	DEN	8000	52.3	26.0	0.0	0.0	0.0	62.6	44.2	-2.1	0.0	0.0	9.2	0.0	0.0	-35.6
5078	638586.49	4873756.90	331.07	0	DEN	32	29.0	26.0	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-13.4
5078	638586.49	4873756.90	331.07	0	DEN	63	37.2	26.0	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-5.2
5078	638586.49	4873756.90	331.07	0	DEN	125	43.3	26.0	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	0.7
5078	638586.49	4873756.90	331.07	0	DEN	250	48.8	26.0	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	5.9
5078	638586.49	4873756.90	331.07	0	DEN	500	54.2	26.0	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	10.9
5078	638586.49	4873756.90	331.07	0	DEN	1000	60.4	26.0	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	16.3
5078	638586.49	4873756.90	331.07	0	DEN	2000	59.6	26.0	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.2	0.0	0.0	12.8
5078	638586.49	4873756.90	331.07	0	DEN	4000	55.4	26.0	0.0	0.0	0.0	63.6	14.0	-2.2	0.0	0.0	7.5	0.0	0.0	-1.6
5078	638586.49	4873756.90	331.07	0	DEN	8000	52.3	26.0	0.0	0.0	0.0	63.6	49.9	-2.2	0.0	0.0	8.0	0.0	0.0	-41.1
5085	638669.83	4873673.58	328.64	0	DEN	32	29.0	29.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-8.7
5085	638669.83	4873673.58	328.64	0	DEN	63	37.2	29.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-0.6
5085	638669.83	4873673.58	328.64	0	DEN	125	43.3	29.0	0.0	0.0	0.0	62.0	0.1	0.9	0.0	0.0	3.9	0.0	0.0	5.4
5085	638669.83	4873673.58	328.64	0	DEN	250	48.8	29.0	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	10.6
5085	638669.83	4873673.58	328.64	0	DEN	500	54.2	29.0	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.7	0.0	0.0	15.5
5085	638669.83	4873673.58	328.64	0	DEN	1000	60.4	29.0	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	20.9
5085	638669.83	4873673.58	328.64	0	DEN	2000	59.6	29.0	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.8	0.0	0.0	17.5
5085	638669.83	4873673.58	328.64	0	DEN	4000	55.4	29.0	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	8.7	0.0	0.0	4.3
5085	638669.83	4873673.58	328.64	0	DEN	8000	52.3	29.0	0.0	0.0	0.0	62.0	41.3	-2.0	0.0	0.0	10.0	0.0	0.0	-29.8
5093	638840.40	4873515.63	324.17	1	DEN	500	54.2	-23.2	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-36.0
5093	638840.40	4873515.63	324.17	1	DEN	1000	60.4	-23.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-30.4
5093	638840.40	4873515.63	324.17	1	DEN	2000	59.6	-23.2	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-33.3
5093	638840.40	4873515.63	324.17	1	DEN	4000	55.4	-23.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-44.9
5093	638840.40	4873515.63	324.17	1	DEN	8000	52.3	-23.2	0.0	0.0	0.0	60.4	34.7	-1.8	0.0	0.0	8.5	0.0	1.0	-73.8
5100	638678.34	4873663.14	328.31	1	DEN	8000	52.3	21.3	0.0	0.0	0.0	65.4	61.4	-2.0	0.0	0.0	6.8	0.0	1.0	-59.0
5112	638531.77	4873812.67	332.71	1	DEN	4000	55.4	-35.7	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-74.8
5112	638531.77	4873812.67	332.71	1	DEN	8000	52.3	-35.7	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-130.5
5119	638534.71	4873809.67	332.62	1	DEN	4000	55.4	0.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-38.4
5119	638534.71	4873809.67	332.62	1	DEN	8000	52.3	0.8	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-94.6
5127	638708.63	4873547.13	325.04	0	DEN	32	29.0	35.6	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-2.5
5127	638708.63	4873547.13	325.04	0	DEN	63	37.2	35.6	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	5.6
5127	638708.63	4873547.13	325.04	0	DEN	125	43.3	35.6	0.0	0.0	0.0	62.3	0.2	0.9	0.0	0.0	3.9	0.0	0.0	11.6
5127	638708.63	4873547.13	325.04	0	DEN	250	48.8	35.6	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	16.8
5127	638708.63	4873547.13	325.04	0	DEN	500	54.2	35.6	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	21.8
5127	638708.63	4873547.13	325.04	0	DEN	1000	60.4	35.6	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	27.1
5127	638708.63	4873547.13	325.04	0	DEN	2000	59.6	35.6	0.0	0.0	0.0	62.3	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	23.7
5127	638708.63	4873547.13	325.04	0	DEN	4000	55.4	35.6	0.0	0.0	0.0	62.3	12.1	-2.1	0.0	0.0	8.3	0.0	0.0	10.3
5127	638708.63	4873547.13	325.04	0	DEN	8000	52.3	35.6	0.0	0.0	0.0	62.3	43.0	-2.1	0.0	0.0	9.5	0.0	0.0	-24.9
5138	638645.82	4873674.63	328.73	0	DEN	32	29.0	32.4	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-5.9
5138	638645.82	4873674.63	328.73	0	DEN	63	37.2	32.4	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	2.2
5138	638645.82	4873674.63	328.73	0	DEN	125	43.3	32.4	0.0	0.0	0.0	62.5	0.2	0.9	0.0	0.0	3.9	0.0	0.0	8.2
5138	638645.82	4873674.63	328.73	0	DEN	250	48.8	32.4	0.0	0.0	0.0	62.5	0.4	1.1	0.0	0.0	3.8	0.0	0.0	13.4
5138	638645.82	4873674.63	328.73	0	DEN	500	54.2	32.4	0.0	0.0	0.0	62.5	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	18.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5138	638645.82	4873674.63	328.73	0	DEN	1000	60.4	32.4	0.0	0.0	0.0	62.5	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	23.7
5138	638645.82	4873674.63	328.73	0	DEN	2000	59.6	32.4	0.0	0.0	0.0	62.5	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	20.2
5138	638645.82	4873674.63	328.73	0	DEN	4000	55.4	32.4	0.0	0.0	0.0	62.5	12.3	-2.1	0.0	0.0	8.4	0.0	0.0	6.6
5138	638645.82	4873674.63	328.73	0	DEN	8000	52.3	32.4	0.0	0.0	0.0	62.5	44.0	-2.1	0.0	0.0	9.6	0.0	0.0	-29.3
5144	638593.44	4873731.25	330.43	0	DEN	32	29.0	32.4	0.0	0.0	0.0	63.5	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-6.9
5144	638593.44	4873731.25	330.43	0	DEN	63	37.2	32.4	0.0	0.0	0.0	63.5	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	1.3
5144	638593.44	4873731.25	330.43	0	DEN	125	43.3	32.4	0.0	0.0	0.0	63.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	7.2
5144	638593.44	4873731.25	330.43	0	DEN	250	48.8	32.4	0.0	0.0	0.0	63.5	0.4	1.0	0.0	0.0	3.8	0.0	0.0	12.4
5144	638593.44	4873731.25	330.43	0	DEN	500	54.2	32.4	0.0	0.0	0.0	63.5	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	17.4
5144	638593.44	4873731.25	330.43	0	DEN	1000	60.4	32.4	0.0	0.0	0.0	63.5	1.5	-2.2	0.0	0.0	7.1	0.0	0.0	22.8
5144	638593.44	4873731.25	330.43	0	DEN	2000	59.6	32.4	0.0	0.0	0.0	63.5	4.1	-2.2	0.0	0.0	7.3	0.0	0.0	19.3
5144	638593.44	4873731.25	330.43	0	DEN	4000	55.4	32.4	0.0	0.0	0.0	63.5	13.8	-2.2	0.0	0.0	7.7	0.0	0.0	5.0
5144	638593.44	4873731.25	330.43	0	DEN	8000	52.3	32.4	0.0	0.0	0.0	63.5	49.2	-2.2	0.0	0.0	8.4	0.0	0.0	-34.2
5153	638667.42	4873653.95	328.09	1	DEN	8000	52.3	22.6	0.0	0.0	0.0	65.6	63.1	-2.1	0.0	0.0	6.9	0.0	1.0	-59.6
5163	638531.77	4873812.66	332.71	1	DEN	4000	55.4	-31.1	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-70.2
5163	638531.77	4873812.66	332.71	1	DEN	8000	52.3	-31.1	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-125.9
5172	638534.61	4873809.02	332.60	1	DEN	4000	55.4	5.9	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-33.3
5172	638534.61	4873809.02	332.60	1	DEN	8000	52.3	5.9	0.0	0.0	0.0	67.0	73.9	-3.0	0.0	0.0	7.8	0.0	2.0	-89.6
5179	638573.33	4873726.19	330.62	0	DEN	32	29.0	35.9	0.0	0.0	0.0	63.9	0.0	-4.6	0.0	0.0	9.3	0.0	0.0	-3.8
5179	638573.33	4873726.19	330.62	0	DEN	63	37.2	35.9	0.0	0.0	0.0	63.9	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	4.3
5179	638573.33	4873726.19	330.62	0	DEN	125	43.3	35.9	0.0	0.0	0.0	63.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	10.3
5179	638573.33	4873726.19	330.62	0	DEN	250	48.8	35.9	0.0	0.0	0.0	63.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	15.5
5179	638573.33	4873726.19	330.62	0	DEN	500	54.2	35.9	0.0	0.0	0.0	63.9	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	20.5
5179	638573.33	4873726.19	330.62	0	DEN	1000	60.4	35.9	0.0	0.0	0.0	63.9	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	25.8
5179	638573.33	4873726.19	330.62	0	DEN	2000	59.6	35.9	0.0	0.0	0.0	63.9	4.3	-2.2	0.0	0.0	7.3	0.0	0.0	22.2
5179	638573.33	4873726.19	330.62	0	DEN	4000	55.4	35.9	0.0	0.0	0.0	63.9	14.5	-2.2	0.0	0.0	7.6	0.0	0.0	7.5
5179	638573.33	4873726.19	330.62	0	DEN	8000	52.3	35.9	0.0	0.0	0.0	63.9	51.6	-2.2	0.0	0.0	8.2	0.0	0.0	-33.3
5188	638531.75	4873812.64	332.71	1	DEN	4000	55.4	-25.6	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-64.8
5188	638531.75	4873812.64	332.71	1	DEN	8000	52.3	-25.6	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-120.5
5196	638534.06	4873805.51	332.55	1	DEN	4000	55.4	13.7	0.0	0.0	0.0	67.1	20.8	-3.0	0.0	0.0	7.8	0.0	2.0	-25.6
5196	638534.06	4873805.51	332.55	1	DEN	8000	52.3	13.7	0.0	0.0	0.0	67.1	74.3	-3.0	0.0	0.0	7.8	0.0	2.0	-82.2
5205	638766.13	4873520.00	323.89	0	DEN	32	29.0	31.4	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-6.1
5205	638766.13	4873520.00	323.89	0	DEN	63	37.2	31.4	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	2.1
5205	638766.13	4873520.00	323.89	0	DEN	125	43.3	31.4	0.0	0.0	0.0	61.6	0.1	1.0	0.0	0.0	3.8	0.0	0.0	8.1
5205	638766.13	4873520.00	323.89	0	DEN	250	48.8	31.4	0.0	0.0	0.0	61.6	0.4	1.3	0.0	0.0	3.6	0.0	0.0	13.3
5205	638766.13	4873520.00	323.89	0	DEN	500	54.2	31.4	0.0	0.0	0.0	61.6	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	18.3
5205	638766.13	4873520.00	323.89	0	DEN	1000	60.4	31.4	0.0	0.0	0.0	61.6	1.2	-2.0	0.0	0.0	7.1	0.0	0.0	23.8
5205	638766.13	4873520.00	323.89	0	DEN	2000	59.6	31.4	0.0	0.0	0.0	61.6	3.3	-2.0	0.0	0.0	7.4	0.0	0.0	20.6
5205	638766.13	4873520.00	323.89	0	DEN	4000	55.4	31.4	0.0	0.0	0.0	61.6	11.1	-2.0	0.0	0.0	8.0	0.0	0.0	8.0
5205	638766.13	4873520.00	323.89	0	DEN	8000	52.3	31.4	0.0	0.0	0.0	61.6	39.8	-2.0	0.0	0.0	8.9	0.0	0.0	-24.7
5211	638743.51	4873542.14	324.42	0	DEN	32	29.0	28.4	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-9.1
5211	638743.51	4873542.14	324.42	0	DEN	63	37.2	28.4	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-1.0
5211	638743.51	4873542.14	324.42	0	DEN	125	43.3	28.4	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	5.0
5211	638743.51	4873542.14	324.42	0	DEN	250	48.8	28.4	0.0	0.0	0.0	61.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	10.2
5211	638743.51	4873542.14	324.42	0	DEN	500	54.2	28.4	0.0	0.0	0.0	61.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	15.2
5211	638743.51	4873542.14	324.42	0	DEN	1000	60.4	28.4	0.0	0.0	0.0	61.7	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	20.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5211	638743.51	4873542.14	324.42	0	DEN	2000	59.6	28.4	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.7	0.0	0.0	17.3
5211	638743.51	4873542.14	324.42	0	DEN	4000	55.4	28.4	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.4	0.0	0.0	4.4
5211	638743.51	4873542.14	324.42	0	DEN	8000	52.3	28.4	0.0	0.0	0.0	61.7	40.1	-2.0	0.0	0.0	9.6	0.0	0.0	-28.7
5219	638718.75	4873593.36	326.10	0	DEN	32	29.0	28.4	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-9.0
5219	638718.75	4873593.36	326.10	0	DEN	63	37.2	28.4	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-0.8
5219	638718.75	4873593.36	326.10	0	DEN	125	43.3	28.4	0.0	0.0	0.0	61.5	0.1	1.0	0.0	0.0	3.9	0.0	0.0	5.1
5219	638718.75	4873593.36	326.10	0	DEN	250	48.8	28.4	0.0	0.0	0.0	61.5	0.4	1.3	0.0	0.0	3.7	0.0	0.0	10.3
5219	638718.75	4873593.36	326.10	0	DEN	500	54.2	28.4	0.0	0.0	0.0	61.5	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	15.3
5219	638718.75	4873593.36	326.10	0	DEN	1000	60.4	28.4	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	20.6
5219	638718.75	4873593.36	326.10	0	DEN	2000	59.6	28.4	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	17.1
5219	638718.75	4873593.36	326.10	0	DEN	4000	55.4	28.4	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	9.0	0.0	0.0	4.2
5219	638718.75	4873593.36	326.10	0	DEN	8000	52.3	28.4	0.0	0.0	0.0	61.5	39.2	-2.0	0.0	0.0	10.5	0.0	0.0	-28.6
5230	638955.03	4873807.75	326.56	0	DEN	32	29.0	5.2	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-20.5
5230	638955.03	4873807.75	326.56	0	DEN	63	37.2	5.2	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-13.0
5230	638955.03	4873807.75	326.56	0	DEN	125	43.3	5.2	0.0	0.0	0.0	49.1	0.0	1.4	0.0	0.0	6.1	0.0	0.0	-8.0
5230	638955.03	4873807.75	326.56	0	DEN	250	48.8	5.2	0.0	0.0	0.0	49.1	0.1	2.3	0.0	0.0	6.7	0.0	0.0	-4.2
5230	638955.03	4873807.75	326.56	0	DEN	500	54.2	5.2	0.0	0.0	0.0	49.1	0.2	-0.6	0.0	0.0	11.7	0.0	0.0	-1.0
5230	638955.03	4873807.75	326.56	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	49.1	0.3	-1.0	0.0	0.0	14.6	0.0	0.0	2.6
5230	638955.03	4873807.75	326.56	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	49.1	0.8	-1.0	0.0	0.0	17.4	0.0	0.0	-1.4
5230	638955.03	4873807.75	326.56	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	49.1	2.6	-1.0	0.0	0.0	20.2	0.0	0.0	-10.3
5230	638955.03	4873807.75	326.56	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	49.1	9.4	-1.0	0.0	0.0	21.0	0.0	0.0	-20.9
5237	638958.96	4873792.94	326.28	0	DEN	32	29.0	2.2	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-22.3
5237	638958.96	4873792.94	326.28	0	DEN	63	37.2	2.2	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-15.0
5237	638958.96	4873792.94	326.28	0	DEN	125	43.3	2.2	0.0	0.0	0.0	47.6	0.0	1.2	0.0	0.0	7.0	0.0	0.0	-10.3
5237	638958.96	4873792.94	326.28	0	DEN	250	48.8	2.2	0.0	0.0	0.0	47.6	0.1	2.1	0.0	0.0	7.9	0.0	0.0	-6.7
5237	638958.96	4873792.94	326.28	0	DEN	500	54.2	2.2	0.0	0.0	0.0	47.6	0.1	-0.6	0.0	0.0	12.9	0.0	0.0	-3.7
5237	638958.96	4873792.94	326.28	0	DEN	1000	60.4	2.2	0.0	0.0	0.0	47.6	0.2	-1.0	0.0	0.0	15.9	0.0	0.0	-0.2
5237	638958.96	4873792.94	326.28	0	DEN	2000	59.6	2.2	0.0	0.0	0.0	47.6	0.7	-1.0	0.0	0.0	18.7	0.0	0.0	-4.2
5237	638958.96	4873792.94	326.28	0	DEN	4000	55.4	2.2	0.0	0.0	0.0	47.6	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-12.2
5237	638958.96	4873792.94	326.28	0	DEN	8000	52.3	2.2	0.0	0.0	0.0	47.6	7.9	-1.0	0.0	0.0	21.0	0.0	0.0	-21.0
5245	638960.47	4873786.94	326.18	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-24.8
5245	638960.47	4873786.94	326.18	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-17.6
5245	638960.47	4873786.94	326.18	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	47.0	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-13.0
5245	638960.47	4873786.94	326.18	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	47.0	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-9.5
5245	638960.47	4873786.94	326.18	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	47.0	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	-6.5
5245	638960.47	4873786.94	326.18	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	47.0	0.2	-0.9	0.0	0.0	16.4	0.0	0.0	-3.1
5245	638960.47	4873786.94	326.18	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	47.0	0.6	-1.0	0.0	0.0	19.2	0.0	0.0	-7.1
5245	638960.47	4873786.94	326.18	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	47.0	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-14.5
5245	638960.47	4873786.94	326.18	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	47.0	7.4	-1.0	0.0	0.0	21.0	0.0	0.0	-22.9
5252	638963.16	4873776.76	325.99	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.0
5252	638963.16	4873776.76	325.99	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-17.0
5252	638963.16	4873776.76	325.99	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	45.9	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-12.5
5252	638963.16	4873776.76	325.99	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-9.1
5252	638963.16	4873776.76	325.99	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	14.3	0.0	0.0	-6.2
5252	638963.16	4873776.76	325.99	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	45.9	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-2.8
5252	638963.16	4873776.76	325.99	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	45.9	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-6.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5252	638963.16	4873776.76	325.99	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	45.9	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-13.2
5252	638963.16	4873776.76	325.99	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	45.9	6.5	-1.0	0.0	0.0	21.0	0.0	0.0	-21.0
5261	638952.01	4873819.76	326.78	0	DEN	32	29.0	8.2	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-18.4
5261	638952.01	4873819.76	326.78	0	DEN	63	37.2	8.2	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-10.8
5261	638952.01	4873819.76	326.78	0	DEN	125	43.3	8.2	0.0	0.0	0.0	50.2	0.0	1.3	0.0	0.0	5.6	0.0	0.0	-5.6
5261	638952.01	4873819.76	326.78	0	DEN	250	48.8	8.2	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	6.2	0.0	0.0	-1.6
5261	638952.01	4873819.76	326.78	0	DEN	500	54.2	8.2	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	11.0	0.0	0.0	1.7
5261	638952.01	4873819.76	326.78	0	DEN	1000	60.4	8.2	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	13.8	0.0	0.0	5.4
5261	638952.01	4873819.76	326.78	0	DEN	2000	59.6	8.2	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	16.4	0.0	0.0	1.4
5261	638952.01	4873819.76	326.78	0	DEN	4000	55.4	8.2	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	19.3	0.0	0.0	-7.7
5261	638952.01	4873819.76	326.78	0	DEN	8000	52.3	8.2	0.0	0.0	0.0	50.2	10.6	-1.1	0.0	0.0	21.1	0.0	0.0	-20.3
5269	638946.47	4873841.03	327.17	0	DEN	32	29.0	8.2	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-19.9
5269	638946.47	4873841.03	327.17	0	DEN	63	37.2	8.2	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-12.1
5269	638946.47	4873841.03	327.17	0	DEN	125	43.3	8.2	0.0	0.0	0.0	51.9	0.0	1.3	0.0	0.0	5.0	0.0	0.0	-6.7
5269	638946.47	4873841.03	327.17	0	DEN	250	48.8	8.2	0.0	0.0	0.0	51.9	0.1	2.0	0.0	0.0	5.4	0.0	0.0	-2.4
5269	638946.47	4873841.03	327.17	0	DEN	500	54.2	8.2	0.0	0.0	0.0	51.9	0.2	-0.8	0.0	0.0	9.8	0.0	0.0	1.3
5269	638946.47	4873841.03	327.17	0	DEN	1000	60.4	8.2	0.0	0.0	0.0	51.9	0.4	-1.2	0.0	0.0	12.3	0.0	0.0	5.2
5269	638946.47	4873841.03	327.17	0	DEN	2000	59.6	8.2	0.0	0.0	0.0	51.9	1.1	-1.2	0.0	0.0	14.8	0.0	0.0	1.3
5269	638946.47	4873841.03	327.17	0	DEN	4000	55.4	8.2	0.0	0.0	0.0	51.9	3.6	-1.2	0.0	0.0	17.5	0.0	0.0	-8.2
5269	638946.47	4873841.03	327.17	0	DEN	8000	52.3	8.2	0.0	0.0	0.0	51.9	12.9	-1.2	0.0	0.0	20.4	0.0	0.0	-23.5
5276	638943.28	4873853.96	327.39	0	DEN	32	29.0	5.2	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-23.7
5276	638943.28	4873853.96	327.39	0	DEN	63	37.2	5.2	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-15.8
5276	638943.28	4873853.96	327.39	0	DEN	125	43.3	5.2	0.0	0.0	0.0	52.8	0.1	1.2	0.0	0.0	4.8	0.0	0.0	-10.3
5276	638943.28	4873853.96	327.39	0	DEN	250	48.8	5.2	0.0	0.0	0.0	52.8	0.1	1.8	0.0	0.0	5.1	0.0	0.0	-5.9
5276	638943.28	4873853.96	327.39	0	DEN	500	54.2	5.2	0.0	0.0	0.0	52.8	0.2	-0.9	0.0	0.0	9.3	0.0	0.0	-2.0
5276	638943.28	4873853.96	327.39	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	52.8	0.4	-1.3	0.0	0.0	11.6	0.0	0.0	2.0
5276	638943.28	4873853.96	327.39	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	52.8	1.2	-1.3	0.0	0.0	14.0	0.0	0.0	-1.9
5276	638943.28	4873853.96	327.39	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	52.8	4.0	-1.3	0.0	0.0	16.6	0.0	0.0	-11.5
5276	638943.28	4873853.96	327.39	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	52.8	14.4	-1.3	0.0	0.0	19.4	0.0	0.0	-27.8
5281	638937.58	4873876.15	327.80	0	DEN	32	29.0	5.2	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-24.8
5281	638937.58	4873876.15	327.80	0	DEN	63	37.2	5.2	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-16.9
5281	638937.58	4873876.15	327.80	0	DEN	125	43.3	5.2	0.0	0.0	0.0	54.2	0.1	1.4	0.0	0.0	4.1	0.0	0.0	-11.3
5281	638937.58	4873876.15	327.80	0	DEN	250	48.8	5.2	0.0	0.0	0.0	54.2	0.2	2.0	0.0	0.0	4.3	0.0	0.0	-6.6
5281	638937.58	4873876.15	327.80	0	DEN	500	54.2	5.2	0.0	0.0	0.0	54.2	0.3	-0.9	0.0	0.0	8.2	0.0	0.0	-2.4
5281	638937.58	4873876.15	327.80	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	54.2	0.5	-1.2	0.0	0.0	10.2	0.0	0.0	1.9
5281	638937.58	4873876.15	327.80	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	54.2	1.4	-1.2	0.0	0.0	12.3	0.0	0.0	-1.9
5281	638937.58	4873876.15	327.80	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	54.2	4.7	-1.2	0.0	0.0	14.8	0.0	0.0	-11.9
5281	638937.58	4873876.15	327.80	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	54.2	16.9	-1.2	0.0	0.0	17.5	0.0	0.0	-29.9
5289	638965.77	4873764.78	325.80	0	DEN	32	29.0	8.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-14.2
5289	638965.77	4873764.78	325.80	0	DEN	63	37.2	8.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-7.3
5289	638965.77	4873764.78	325.80	0	DEN	125	43.3	8.2	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.6	0.0	0.0	-2.9
5289	638965.77	4873764.78	325.80	0	DEN	250	48.8	8.2	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.0	0.0	0.0	0.3
5289	638965.77	4873764.78	325.80	0	DEN	500	54.2	8.2	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	14.9	0.0	0.0	3.1
5289	638965.77	4873764.78	325.80	0	DEN	1000	60.4	8.2	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	6.5
5289	638965.77	4873764.78	325.80	0	DEN	2000	59.6	8.2	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	2.5
5289	638965.77	4873764.78	325.80	0	DEN	4000	55.4	8.2	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-2.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5289	638965.77	4873764.78	325.80	0	DEN	8000	52.3	8.2	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-10.1
5297	638962.75	4873776.80	326.01	0	DEN	32	29.0	8.2	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-15.0
5297	638962.75	4873776.80	326.01	0	DEN	63	37.2	8.2	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-7.9
5297	638962.75	4873776.80	326.01	0	DEN	125	43.3	8.2	0.0	0.0	0.0	46.0	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-3.4
5297	638962.75	4873776.80	326.01	0	DEN	250	48.8	8.2	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	9.2	0.0	0.0	0.0
5297	638962.75	4873776.80	326.01	0	DEN	500	54.2	8.2	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	14.1	0.0	0.0	2.9
5297	638962.75	4873776.80	326.01	0	DEN	1000	60.4	8.2	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	6.3
5297	638962.75	4873776.80	326.01	0	DEN	2000	59.6	8.2	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	20.0	0.0	0.0	2.3
5297	638962.75	4873776.80	326.01	0	DEN	4000	55.4	8.2	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-4.2
5297	638962.75	4873776.80	326.01	0	DEN	8000	52.3	8.2	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-12.1
5306	638962.24	4873779.55	326.05	0	DEN	32	29.0	5.2	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-18.2
5306	638962.24	4873779.55	326.05	0	DEN	63	37.2	5.2	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-11.1
5306	638962.24	4873779.55	326.05	0	DEN	125	43.3	5.2	0.0	0.0	0.0	46.2	0.0	1.1	0.0	0.0	7.7	0.0	0.0	-6.6
5306	638962.24	4873779.55	326.05	0	DEN	250	48.8	5.2	0.0	0.0	0.0	46.2	0.1	2.0	0.0	0.0	8.9	0.0	0.0	-3.1
5306	638962.24	4873779.55	326.05	0	DEN	500	54.2	5.2	0.0	0.0	0.0	46.2	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-0.2
5306	638962.24	4873779.55	326.05	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	46.2	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	3.2
5306	638962.24	4873779.55	326.05	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	46.2	0.6	-1.0	0.0	0.0	19.8	0.0	0.0	-0.8
5306	638962.24	4873779.55	326.05	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	46.2	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-7.5
5306	638962.24	4873779.55	326.05	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	46.2	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-15.5
5314	638959.56	4873789.73	326.24	0	DEN	32	29.0	5.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-19.0
5314	638959.56	4873789.73	326.24	0	DEN	63	37.2	5.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-11.8
5314	638959.56	4873789.73	326.24	0	DEN	125	43.3	5.2	0.0	0.0	0.0	47.3	0.0	1.2	0.0	0.0	7.0	0.0	0.0	-7.1
5314	638959.56	4873789.73	326.24	0	DEN	250	48.8	5.2	0.0	0.0	0.0	47.3	0.1	2.1	0.0	0.0	8.0	0.0	0.0	-3.5
5314	638959.56	4873789.73	326.24	0	DEN	500	54.2	5.2	0.0	0.0	0.0	47.3	0.1	-0.6	0.0	0.0	13.0	0.0	0.0	-0.5
5314	638959.56	4873789.73	326.24	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	47.3	0.2	-1.0	0.0	0.0	16.0	0.0	0.0	3.0
5314	638959.56	4873789.73	326.24	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	47.3	0.6	-1.0	0.0	0.0	18.9	0.0	0.0	-1.0
5314	638959.56	4873789.73	326.24	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	47.3	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-8.8
5314	638959.56	4873789.73	326.24	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	47.3	7.6	-1.0	0.0	0.0	21.0	0.0	0.0	-17.4
5323	638955.54	4873804.99	326.52	0	DEN	32	29.0	8.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-17.3
5323	638955.54	4873804.99	326.52	0	DEN	63	37.2	8.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-9.8
5323	638955.54	4873804.99	326.52	0	DEN	125	43.3	8.2	0.0	0.0	0.0	48.8	0.0	1.3	0.0	0.0	6.2	0.0	0.0	-4.9
5323	638955.54	4873804.99	326.52	0	DEN	250	48.8	8.2	0.0	0.0	0.0	48.8	0.1	2.2	0.0	0.0	6.9	0.0	0.0	-1.1
5323	638955.54	4873804.99	326.52	0	DEN	500	54.2	8.2	0.0	0.0	0.0	48.8	0.2	-0.6	0.0	0.0	11.9	0.0	0.0	2.1
5323	638955.54	4873804.99	326.52	0	DEN	1000	60.4	8.2	0.0	0.0	0.0	48.8	0.3	-1.0	0.0	0.0	14.8	0.0	0.0	5.7
5323	638955.54	4873804.99	326.52	0	DEN	2000	59.6	8.2	0.0	0.0	0.0	48.8	0.8	-1.0	0.0	0.0	17.5	0.0	0.0	1.7
5323	638955.54	4873804.99	326.52	0	DEN	4000	55.4	8.2	0.0	0.0	0.0	48.8	2.6	-1.0	0.0	0.0	20.4	0.0	0.0	-7.2
5323	638955.54	4873804.99	326.52	0	DEN	8000	52.3	8.2	0.0	0.0	0.0	48.8	9.1	-1.0	0.0	0.0	21.0	0.0	0.0	-17.4
5331	638932.86	4873894.72	328.13	1	DEN	1000	60.4	-10.1	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-17.3
5331	638932.86	4873894.72	328.13	1	DEN	2000	59.6	-10.1	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-21.4
5331	638932.86	4873894.72	328.13	1	DEN	4000	55.4	-10.1	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-32.4
5331	638932.86	4873894.72	328.13	1	DEN	8000	52.3	-10.1	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-53.5
5352	638818.74	4873900.14	329.13	0	DEN	32	29.0	25.1	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-9.5
5352	638818.74	4873900.14	329.13	0	DEN	63	37.2	25.1	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-1.3
5352	638818.74	4873900.14	329.13	0	DEN	125	43.3	25.1	0.0	0.0	0.0	58.8	0.1	1.1	0.0	0.0	3.7	0.0	0.0	4.7
5352	638818.74	4873900.14	329.13	0	DEN	250	48.8	25.1	0.0	0.0	0.0	58.8	0.3	1.6	0.0	0.0	3.2	0.0	0.0	10.0
5352	638818.74	4873900.14	329.13	0	DEN	500	54.2	25.1	0.0	0.0	0.0	58.8	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	15.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5352	638818.74	4873900.14	329.13	0	DEN	1000	60.4	25.1	0.0	0.0	0.0	58.8	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	20.6
5352	638818.74	4873900.14	329.13	0	DEN	2000	59.6	25.1	0.0	0.0	0.0	58.8	2.4	-1.6	0.0	0.0	7.3	0.0	0.0	17.9
5352	638818.74	4873900.14	329.13	0	DEN	4000	55.4	25.1	0.0	0.0	0.0	58.8	8.0	-1.6	0.0	0.0	8.0	0.0	0.0	7.3
5352	638818.74	4873900.14	329.13	0	DEN	8000	52.3	25.1	0.0	0.0	0.0	58.8	28.5	-1.6	0.0	0.0	9.2	0.0	0.0	-17.5
5359	638848.10	4873902.11	328.66	0	DEN	32	29.0	22.1	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-11.7
5359	638848.10	4873902.11	328.66	0	DEN	63	37.2	22.1	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-3.5
5359	638848.10	4873902.11	328.66	0	DEN	125	43.3	22.1	0.0	0.0	0.0	58.0	0.1	1.2	0.0	0.0	3.6	0.0	0.0	2.5
5359	638848.10	4873902.11	328.66	0	DEN	250	48.8	22.1	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.2	0.0	0.0	7.7
5359	638848.10	4873902.11	328.66	0	DEN	500	54.2	22.1	0.0	0.0	0.0	58.0	0.4	-1.1	0.0	0.0	6.2	0.0	0.0	12.8
5359	638848.10	4873902.11	328.66	0	DEN	1000	60.4	22.1	0.0	0.0	0.0	58.0	0.8	-1.4	0.0	0.0	6.9	0.0	0.0	18.3
5359	638848.10	4873902.11	328.66	0	DEN	2000	59.6	22.1	0.0	0.0	0.0	58.0	2.2	-1.4	0.0	0.0	7.4	0.0	0.0	15.5
5359	638848.10	4873902.11	328.66	0	DEN	4000	55.4	22.1	0.0	0.0	0.0	58.0	7.3	-1.4	0.0	0.0	8.4	0.0	0.0	5.2
5359	638848.10	4873902.11	328.66	0	DEN	8000	52.3	22.1	0.0	0.0	0.0	58.0	26.0	-1.4	0.0	0.0	9.9	0.0	0.0	-18.0
5368	638887.49	4873899.92	328.54	0	DEN	32	29.0	22.1	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-10.5
5368	638887.49	4873899.92	328.54	0	DEN	63	37.2	22.1	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-2.3
5368	638887.49	4873899.92	328.54	0	DEN	125	43.3	22.1	0.0	0.0	0.0	56.7	0.1	1.3	0.0	0.0	3.6	0.0	0.0	3.6
5368	638887.49	4873899.92	328.54	0	DEN	250	48.8	22.1	0.0	0.0	0.0	56.7	0.2	1.9	0.0	0.0	3.1	0.0	0.0	8.9
5368	638887.49	4873899.92	328.54	0	DEN	500	54.2	22.1	0.0	0.0	0.0	56.7	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	13.9
5368	638887.49	4873899.92	328.54	0	DEN	1000	60.4	22.1	0.0	0.0	0.0	56.7	0.7	-1.3	0.0	0.0	7.0	0.0	0.0	19.3
5368	638887.49	4873899.92	328.54	0	DEN	2000	59.6	22.1	0.0	0.0	0.0	56.7	1.9	-1.3	0.0	0.0	7.8	0.0	0.0	16.6
5368	638887.49	4873899.92	328.54	0	DEN	4000	55.4	22.1	0.0	0.0	0.0	56.7	6.3	-1.3	0.0	0.0	9.0	0.0	0.0	6.7
5368	638887.49	4873899.92	328.54	0	DEN	8000	52.3	22.1	0.0	0.0	0.0	56.7	22.6	-1.3	0.0	0.0	10.7	0.0	0.0	-14.4
5378	638777.94	4873887.16	329.93	0	DEN	32	29.0	23.9	0.0	0.0	0.0	59.7	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-11.6
5378	638777.94	4873887.16	329.93	0	DEN	63	37.2	23.9	0.0	0.0	0.0	59.7	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-3.4
5378	638777.94	4873887.16	329.93	0	DEN	125	43.3	23.9	0.0	0.0	0.0	59.7	0.1	1.1	0.0	0.0	3.7	0.0	0.0	2.6
5378	638777.94	4873887.16	329.93	0	DEN	250	48.8	23.9	0.0	0.0	0.0	59.7	0.3	1.5	0.0	0.0	3.3	0.0	0.0	7.9
5378	638777.94	4873887.16	329.93	0	DEN	500	54.2	23.9	0.0	0.0	0.0	59.7	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	13.0
5378	638777.94	4873887.16	329.93	0	DEN	1000	60.4	23.9	0.0	0.0	0.0	59.7	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	18.5
5378	638777.94	4873887.16	329.93	0	DEN	2000	59.6	23.9	0.0	0.0	0.0	59.7	2.6	-1.7	0.0	0.0	7.1	0.0	0.0	15.8
5378	638777.94	4873887.16	329.93	0	DEN	4000	55.4	23.9	0.0	0.0	0.0	59.7	8.9	-1.7	0.0	0.0	7.6	0.0	0.0	4.8
5378	638777.94	4873887.16	329.93	0	DEN	8000	52.3	23.9	0.0	0.0	0.0	59.7	31.7	-1.7	0.0	0.0	8.6	0.0	0.0	-22.0
5388	638813.88	4873891.23	329.58	0	DEN	32	29.0	20.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-13.6
5388	638813.88	4873891.23	329.58	0	DEN	63	37.2	20.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-5.5
5388	638813.88	4873891.23	329.58	0	DEN	125	43.3	20.9	0.0	0.0	0.0	58.7	0.1	1.2	0.0	0.0	3.7	0.0	0.0	0.5
5388	638813.88	4873891.23	329.58	0	DEN	250	48.8	20.9	0.0	0.0	0.0	58.7	0.3	1.7	0.0	0.0	3.2	0.0	0.0	5.8
5388	638813.88	4873891.23	329.58	0	DEN	500	54.2	20.9	0.0	0.0	0.0	58.7	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	10.9
5388	638813.88	4873891.23	329.58	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	58.7	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	16.5
5388	638813.88	4873891.23	329.58	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	58.7	2.3	-1.6	0.0	0.0	7.2	0.0	0.0	13.8
5388	638813.88	4873891.23	329.58	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	58.7	8.0	-1.6	0.0	0.0	7.8	0.0	0.0	3.4
5388	638813.88	4873891.23	329.58	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	58.7	28.4	-1.6	0.0	0.0	8.9	0.0	0.0	-21.3
5397	638870.94	4873894.65	328.90	0	DEN	32	29.0	20.9	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-12.0
5397	638870.94	4873894.65	328.90	0	DEN	63	37.2	20.9	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-3.8
5397	638870.94	4873894.65	328.90	0	DEN	125	43.3	20.9	0.0	0.0	0.0	57.1	0.1	1.3	0.0	0.0	3.5	0.0	0.0	2.2
5397	638870.94	4873894.65	328.90	0	DEN	250	48.8	20.9	0.0	0.0	0.0	57.1	0.2	1.9	0.0	0.0	3.1	0.0	0.0	7.4
5397	638870.94	4873894.65	328.90	0	DEN	500	54.2	20.9	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	12.5
5397	638870.94	4873894.65	328.90	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	18.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5397	638870.94	4873894.65	328.90	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	57.1	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	15.4
5397	638870.94	4873894.65	328.90	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	57.1	6.6	-1.3	0.0	0.0	8.5	0.0	0.0	5.5
5397	638870.94	4873894.65	328.90	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	57.1	23.5	-1.3	0.0	0.0	10.0	0.0	0.0	-16.1
5407	638872.47	4873912.06	328.38	0	DEN	32	29.0	27.3	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-6.1
5407	638872.47	4873912.06	328.38	0	DEN	63	37.2	27.3	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	2.1
5407	638872.47	4873912.06	328.38	0	DEN	125	43.3	27.3	0.0	0.0	0.0	57.6	0.1	1.3	0.0	0.0	3.5	0.0	0.0	8.1
5407	638872.47	4873912.06	328.38	0	DEN	250	48.8	27.3	0.0	0.0	0.0	57.6	0.2	1.9	0.0	0.0	3.1	0.0	0.0	13.3
5407	638872.47	4873912.06	328.38	0	DEN	500	54.2	27.3	0.0	0.0	0.0	57.6	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	18.4
5407	638872.47	4873912.06	328.38	0	DEN	1000	60.4	27.3	0.0	0.0	0.0	57.6	0.8	-1.3	0.0	0.0	6.9	0.0	0.0	23.8
5407	638872.47	4873912.06	328.38	0	DEN	2000	59.6	27.3	0.0	0.0	0.0	57.6	2.1	-1.4	0.0	0.0	7.6	0.0	0.0	21.1
5407	638872.47	4873912.06	328.38	0	DEN	4000	55.4	27.3	0.0	0.0	0.0	57.6	7.0	-1.4	0.0	0.0	8.6	0.0	0.0	10.9
5407	638872.47	4873912.06	328.38	0	DEN	8000	52.3	27.3	0.0	0.0	0.0	57.6	24.8	-1.4	0.0	0.0	10.2	0.0	0.0	-11.7
5417	638869.61	4873917.65	328.74	1	DEN	8000	52.3	19.4	0.0	0.0	0.0	58.7	28.3	-1.3	0.0	0.0	12.9	0.0	1.0	-27.9
5425	638949.52	4873837.57	327.03	0	DEN	32	29.0	12.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-15.2
5425	638949.52	4873837.57	327.03	0	DEN	63	37.2	12.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-7.5
5425	638949.52	4873837.57	327.03	0	DEN	125	43.3	12.7	0.0	0.0	0.0	51.5	0.0	1.4	0.0	0.0	5.3	0.0	0.0	-2.3
5425	638949.52	4873837.57	327.03	0	DEN	250	48.8	12.7	0.0	0.0	0.0	51.5	0.1	2.1	0.0	0.0	5.8	0.0	0.0	1.9
5425	638949.52	4873837.57	327.03	0	DEN	500	54.2	12.7	0.0	0.0	0.0	51.5	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	5.3
5425	638949.52	4873837.57	327.03	0	DEN	1000	60.4	12.7	0.0	0.0	0.0	51.5	0.4	-1.1	0.0	0.0	13.2	0.0	0.0	9.1
5425	638949.52	4873837.57	327.03	0	DEN	2000	59.6	12.7	0.0	0.0	0.0	51.5	1.0	-1.1	0.0	0.0	15.8	0.0	0.0	5.1
5425	638949.52	4873837.57	327.03	0	DEN	4000	55.4	12.7	0.0	0.0	0.0	51.5	3.5	-1.1	0.0	0.0	18.6	0.0	0.0	-4.4
5425	638949.52	4873837.57	327.03	0	DEN	8000	52.3	12.7	0.0	0.0	0.0	51.5	12.4	-1.1	0.0	0.0	21.1	0.0	0.0	-19.0
5430	638940.85	4873867.14	327.60	0	DEN	32	29.0	12.7	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-16.8
5430	638940.85	4873867.14	327.60	0	DEN	63	37.2	12.7	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-9.0
5430	638940.85	4873867.14	327.60	0	DEN	125	43.3	12.7	0.0	0.0	0.0	53.6	0.1	1.3	0.0	0.0	4.5	0.0	0.0	-3.5
5430	638940.85	4873867.14	327.60	0	DEN	250	48.8	12.7	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	4.7	0.0	0.0	1.0
5430	638940.85	4873867.14	327.60	0	DEN	500	54.2	12.7	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	8.8	0.0	0.0	5.0
5430	638940.85	4873867.14	327.60	0	DEN	1000	60.4	12.7	0.0	0.0	0.0	53.6	0.5	-1.2	0.0	0.0	11.0	0.0	0.0	9.2
5430	638940.85	4873867.14	327.60	0	DEN	2000	59.6	12.7	0.0	0.0	0.0	53.6	1.3	-1.3	0.0	0.0	13.3	0.0	0.0	5.3
5430	638940.85	4873867.14	327.60	0	DEN	4000	55.4	12.7	0.0	0.0	0.0	53.6	4.4	-1.3	0.0	0.0	15.9	0.0	0.0	-4.6
5430	638940.85	4873867.14	327.60	0	DEN	8000	52.3	12.7	0.0	0.0	0.0	53.6	15.8	-1.3	0.0	0.0	18.6	0.0	0.0	-21.9
5436	638957.20	4873809.01	326.50	0	DEN	32	29.0	12.7	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-13.2
5436	638957.20	4873809.01	326.50	0	DEN	63	37.2	12.7	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-5.8
5436	638957.20	4873809.01	326.50	0	DEN	125	43.3	12.7	0.0	0.0	0.0	49.0	0.0	1.5	0.0	0.0	6.4	0.0	0.0	-1.0
5436	638957.20	4873809.01	326.50	0	DEN	250	48.8	12.7	0.0	0.0	0.0	49.0	0.1	2.5	0.0	0.0	7.2	0.0	0.0	2.7
5436	638957.20	4873809.01	326.50	0	DEN	500	54.2	12.7	0.0	0.0	0.0	49.0	0.2	-0.5	0.0	0.0	12.4	0.0	0.0	5.8
5436	638957.20	4873809.01	326.50	0	DEN	1000	60.4	12.7	0.0	0.0	0.0	49.0	0.3	-0.9	0.0	0.0	15.4	0.0	0.0	9.2
5436	638957.20	4873809.01	326.50	0	DEN	2000	59.6	12.7	0.0	0.0	0.0	49.0	0.8	-0.9	0.0	0.0	18.2	0.0	0.0	5.2
5436	638957.20	4873809.01	326.50	0	DEN	4000	55.4	12.7	0.0	0.0	0.0	49.0	2.6	-0.9	0.0	0.0	20.9	0.0	0.0	-3.6
5436	638957.20	4873809.01	326.50	0	DEN	8000	52.3	12.7	0.0	0.0	0.0	49.0	9.3	-0.9	0.0	0.0	20.9	0.0	0.0	-13.3
5441	638952.39	4873826.35	326.83	0	DEN	32	29.0	12.7	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-14.4
5441	638952.39	4873826.35	326.83	0	DEN	63	37.2	12.7	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-6.8
5441	638952.39	4873826.35	326.83	0	DEN	125	43.3	12.7	0.0	0.0	0.0	50.6	0.0	1.2	0.0	0.0	5.8	0.0	0.0	-1.7
5441	638952.39	4873826.35	326.83	0	DEN	250	48.8	12.7	0.0	0.0	0.0	50.6	0.1	2.0	0.0	0.0	6.5	0.0	0.0	2.2
5441	638952.39	4873826.35	326.83	0	DEN	500	54.2	12.7	0.0	0.0	0.0	50.6	0.2	-0.8	0.0	0.0	11.3	0.0	0.0	5.5
5441	638952.39	4873826.35	326.83	0	DEN	1000	60.4	12.7	0.0	0.0	0.0	50.6	0.3	-1.1	0.0	0.0	14.0	0.0	0.0	9.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5441	638952.39	4873826.35	326.83	0	DEN	2000	59.6	12.7	0.0	0.0	0.0	50.6	0.9	-1.1	0.0	0.0	16.7	0.0	0.0	5.2
5441	638952.39	4873826.35	326.83	0	DEN	4000	55.4	12.7	0.0	0.0	0.0	50.6	3.1	-1.1	0.0	0.0	19.5	0.0	0.0	-4.1
5441	638952.39	4873826.35	326.83	0	DEN	8000	52.3	12.7	0.0	0.0	0.0	50.6	11.2	-1.1	0.0	0.0	21.1	0.0	0.0	-16.8
5445	638932.97	4873894.82	328.13	1	DEN	1000	60.4	-5.7	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-12.9
5445	638932.97	4873894.82	328.13	1	DEN	2000	59.6	-5.7	0.0	0.0	0.0	56.2	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-17.1
5445	638932.97	4873894.82	328.13	1	DEN	4000	55.4	-5.7	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.8	0.0	1.0	-28.0
5445	638932.97	4873894.82	328.13	1	DEN	8000	52.3	-5.7	0.0	0.0	0.0	56.2	21.1	-1.1	0.0	0.0	18.5	0.0	1.0	-49.1
5453	638942.23	4873868.35	327.56	0	DEN	32	29.0	17.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-11.8
5453	638942.23	4873868.35	327.56	0	DEN	63	37.2	17.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-4.0
5453	638942.23	4873868.35	327.56	0	DEN	125	43.3	17.8	0.0	0.0	0.0	53.6	0.1	1.4	0.0	0.0	4.6	0.0	0.0	1.4
5453	638942.23	4873868.35	327.56	0	DEN	250	48.8	17.8	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	4.9	0.0	0.0	5.9
5453	638942.23	4873868.35	327.56	0	DEN	500	54.2	17.8	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	9.1	0.0	0.0	9.8
5453	638942.23	4873868.35	327.56	0	DEN	1000	60.4	17.8	0.0	0.0	0.0	53.6	0.5	-1.2	0.0	0.0	11.4	0.0	0.0	13.8
5453	638942.23	4873868.35	327.56	0	DEN	2000	59.6	17.8	0.0	0.0	0.0	53.6	1.3	-1.2	0.0	0.0	13.8	0.0	0.0	9.9
5453	638942.23	4873868.35	327.56	0	DEN	4000	55.4	17.8	0.0	0.0	0.0	53.6	4.4	-1.2	0.0	0.0	16.4	0.0	0.0	-0.1
5453	638942.23	4873868.35	327.56	0	DEN	8000	52.3	17.8	0.0	0.0	0.0	53.6	15.8	-1.2	0.0	0.0	19.2	0.0	0.0	-17.4
5459	638950.26	4873842.21	327.03	0	DEN	32	29.0	17.8	0.0	0.0	0.0	51.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-10.4
5459	638950.26	4873842.21	327.03	0	DEN	63	37.2	17.8	0.0	0.0	0.0	51.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-2.8
5459	638950.26	4873842.21	327.03	0	DEN	125	43.3	17.8	0.0	0.0	0.0	51.8	0.0	1.3	0.0	0.0	5.5	0.0	0.0	2.4
5459	638950.26	4873842.21	327.03	0	DEN	250	48.8	17.8	0.0	0.0	0.0	51.8	0.1	2.0	0.0	0.0	6.2	0.0	0.0	6.4
5459	638950.26	4873842.21	327.03	0	DEN	500	54.2	17.8	0.0	0.0	0.0	51.8	0.2	-0.8	0.0	0.0	11.0	0.0	0.0	9.8
5459	638950.26	4873842.21	327.03	0	DEN	1000	60.4	17.8	0.0	0.0	0.0	51.8	0.4	-1.2	0.0	0.0	13.7	0.0	0.0	13.5
5459	638950.26	4873842.21	327.03	0	DEN	2000	59.6	17.8	0.0	0.0	0.0	51.8	1.1	-1.2	0.0	0.0	16.3	0.0	0.0	9.4
5459	638950.26	4873842.21	327.03	0	DEN	4000	55.4	17.8	0.0	0.0	0.0	51.8	3.6	-1.2	0.0	0.0	19.1	0.0	0.0	-0.1
5459	638950.26	4873842.21	327.03	0	DEN	8000	52.3	17.8	0.0	0.0	0.0	51.8	12.8	-1.2	0.0	0.0	21.2	0.0	0.0	-14.5
5466	638933.14	4873894.98	328.12	1	DEN	1000	60.4	-0.5	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-7.7
5466	638933.14	4873894.98	328.12	1	DEN	2000	59.6	-0.5	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-11.9
5466	638933.14	4873894.98	328.12	1	DEN	4000	55.4	-0.5	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.8	0.0	1.0	-22.8
5466	638933.14	4873894.98	328.12	1	DEN	8000	52.3	-0.5	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.6	0.0	1.0	-43.9
5475	638735.56	4873873.69	330.10	0	DEN	32	29.0	23.0	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-13.5
5475	638735.56	4873873.69	330.10	0	DEN	63	37.2	23.0	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-5.3
5475	638735.56	4873873.69	330.10	0	DEN	125	43.3	23.0	0.0	0.0	0.0	60.6	0.1	1.0	0.0	0.0	3.8	0.0	0.0	0.7
5475	638735.56	4873873.69	330.10	0	DEN	250	48.8	23.0	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.5	0.0	0.0	6.0
5475	638735.56	4873873.69	330.10	0	DEN	500	54.2	23.0	0.0	0.0	0.0	60.6	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	11.1
5475	638735.56	4873873.69	330.10	0	DEN	1000	60.4	23.0	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	6.9	0.0	0.0	16.6
5475	638735.56	4873873.69	330.10	0	DEN	2000	59.6	23.0	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	7.1	0.0	0.0	13.7
5475	638735.56	4873873.69	330.10	0	DEN	4000	55.4	23.0	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	7.6	0.0	0.0	2.1
5475	638735.56	4873873.69	330.10	0	DEN	8000	52.3	23.0	0.0	0.0	0.0	60.6	35.4	-1.9	0.0	0.0	8.4	0.0	0.0	-27.3
5482	638778.98	4873880.13	329.64	0	DEN	32	29.0	20.0	0.0	0.0	0.0	59.5	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-15.4
5482	638778.98	4873880.13	329.64	0	DEN	63	37.2	20.0	0.0	0.0	0.0	59.5	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-7.2
5482	638778.98	4873880.13	329.64	0	DEN	125	43.3	20.0	0.0	0.0	0.0	59.5	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-1.2
5482	638778.98	4873880.13	329.64	0	DEN	250	48.8	20.0	0.0	0.0	0.0	59.5	0.3	1.5	0.0	0.0	3.3	0.0	0.0	4.1
5482	638778.98	4873880.13	329.64	0	DEN	500	54.2	20.0	0.0	0.0	0.0	59.5	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	9.2
5482	638778.98	4873880.13	329.64	0	DEN	1000	60.4	20.0	0.0	0.0	0.0	59.5	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	14.7
5482	638778.98	4873880.13	329.64	0	DEN	2000	59.6	20.0	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	7.2	0.0	0.0	12.0
5482	638778.98	4873880.13	329.64	0	DEN	4000	55.4	20.0	0.0	0.0	0.0	59.5	8.7	-1.7	0.0	0.0	7.8	0.0	0.0	1.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5482	638778.98	4873880.13	329.64	0	DEN	8000	52.3	20.0	0.0	0.0	0.0	59.5	31.2	-1.7	0.0	0.0	8.8	0.0	0.0	-25.6
5490	638833.63	4873886.47	329.16	0	DEN	32	29.0	17.0	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-16.9
5490	638833.63	4873886.47	329.16	0	DEN	63	37.2	17.0	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-8.7
5490	638833.63	4873886.47	329.16	0	DEN	125	43.3	17.0	0.0	0.0	0.0	58.0	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-2.7
5490	638833.63	4873886.47	329.16	0	DEN	250	48.8	17.0	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.2	0.0	0.0	2.6
5490	638833.63	4873886.47	329.16	0	DEN	500	54.2	17.0	0.0	0.0	0.0	58.0	0.4	-1.1	0.0	0.0	6.2	0.0	0.0	7.6
5490	638833.63	4873886.47	329.16	0	DEN	1000	60.4	17.0	0.0	0.0	0.0	58.0	0.8	-1.5	0.0	0.0	6.8	0.0	0.0	13.2
5490	638833.63	4873886.47	329.16	0	DEN	2000	59.6	17.0	0.0	0.0	0.0	58.0	2.2	-1.5	0.0	0.0	7.3	0.0	0.0	10.5
5490	638833.63	4873886.47	329.16	0	DEN	4000	55.4	17.0	0.0	0.0	0.0	58.0	7.3	-1.5	0.0	0.0	8.2	0.0	0.0	0.3
5490	638833.63	4873886.47	329.16	0	DEN	8000	52.3	17.0	0.0	0.0	0.0	58.0	26.2	-1.5	0.0	0.0	9.6	0.0	0.0	-23.0
5498	638855.35	4873889.70	328.93	0	DEN	32	29.0	14.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.3
5498	638855.35	4873889.70	328.93	0	DEN	63	37.2	14.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-11.1
5498	638855.35	4873889.70	328.93	0	DEN	125	43.3	14.0	0.0	0.0	0.0	57.4	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-5.1
5498	638855.35	4873889.70	328.93	0	DEN	250	48.8	14.0	0.0	0.0	0.0	57.4	0.2	1.8	0.0	0.0	3.1	0.0	0.0	0.2
5498	638855.35	4873889.70	328.93	0	DEN	500	54.2	14.0	0.0	0.0	0.0	57.4	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	5.2
5498	638855.35	4873889.70	328.93	0	DEN	1000	60.4	14.0	0.0	0.0	0.0	57.4	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	10.7
5498	638855.35	4873889.70	328.93	0	DEN	2000	59.6	14.0	0.0	0.0	0.0	57.4	2.0	-1.4	0.0	0.0	7.4	0.0	0.0	8.0
5498	638855.35	4873889.70	328.93	0	DEN	4000	55.4	14.0	0.0	0.0	0.0	57.4	6.9	-1.4	0.0	0.0	8.4	0.0	0.0	-2.0
5498	638855.35	4873889.70	328.93	0	DEN	8000	52.3	14.0	0.0	0.0	0.0	57.4	24.4	-1.4	0.0	0.0	9.9	0.0	0.0	-24.2
5506	638892.78	4873894.24	328.58	0	DEN	32	29.0	14.0	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.3
5506	638892.78	4873894.24	328.58	0	DEN	63	37.2	14.0	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-10.1
5506	638892.78	4873894.24	328.58	0	DEN	125	43.3	14.0	0.0	0.0	0.0	56.4	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-4.1
5506	638892.78	4873894.24	328.58	0	DEN	250	48.8	14.0	0.0	0.0	0.0	56.4	0.2	1.9	0.0	0.0	3.2	0.0	0.0	1.1
5506	638892.78	4873894.24	328.58	0	DEN	500	54.2	14.0	0.0	0.0	0.0	56.4	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	6.1
5506	638892.78	4873894.24	328.58	0	DEN	1000	60.4	14.0	0.0	0.0	0.0	56.4	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	11.5
5506	638892.78	4873894.24	328.58	0	DEN	2000	59.6	14.0	0.0	0.0	0.0	56.4	1.8	-1.3	0.0	0.0	7.9	0.0	0.0	8.8
5506	638892.78	4873894.24	328.58	0	DEN	4000	55.4	14.0	0.0	0.0	0.0	56.4	6.1	-1.3	0.0	0.0	9.2	0.0	0.0	-1.0
5506	638892.78	4873894.24	328.58	0	DEN	8000	52.3	14.0	0.0	0.0	0.0	56.4	21.7	-1.3	0.0	0.0	11.0	0.0	0.0	-21.5
5516	638750.02	4873878.28	330.01	0	DEN	32	29.0	22.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-13.5
5516	638750.02	4873878.28	330.01	0	DEN	63	37.2	22.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-5.3
5516	638750.02	4873878.28	330.01	0	DEN	125	43.3	22.6	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	0.7
5516	638750.02	4873878.28	330.01	0	DEN	250	48.8	22.6	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.4	0.0	0.0	6.0
5516	638750.02	4873878.28	330.01	0	DEN	500	54.2	22.6	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	11.0
5516	638750.02	4873878.28	330.01	0	DEN	1000	60.4	22.6	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	16.6
5516	638750.02	4873878.28	330.01	0	DEN	2000	59.6	22.6	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.1	0.0	0.0	13.8
5516	638750.02	4873878.28	330.01	0	DEN	4000	55.4	22.6	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.6	0.0	0.0	2.3
5516	638750.02	4873878.28	330.01	0	DEN	8000	52.3	22.6	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	8.5	0.0	0.0	-26.2
5524	638790.19	4873883.70	329.72	0	DEN	32	29.0	19.6	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.3	0.0	0.0	-15.5
5524	638790.19	4873883.70	329.72	0	DEN	63	37.2	19.6	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-7.3
5524	638790.19	4873883.70	329.72	0	DEN	125	43.3	19.6	0.0	0.0	0.0	59.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-1.3
5524	638790.19	4873883.70	329.72	0	DEN	250	48.8	19.6	0.0	0.0	0.0	59.3	0.3	1.6	0.0	0.0	3.3	0.0	0.0	4.0
5524	638790.19	4873883.70	329.72	0	DEN	500	54.2	19.6	0.0	0.0	0.0	59.3	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	9.1
5524	638790.19	4873883.70	329.72	0	DEN	1000	60.4	19.6	0.0	0.0	0.0	59.3	0.9	-1.7	0.0	0.0	6.8	0.0	0.0	14.6
5524	638790.19	4873883.70	329.72	0	DEN	2000	59.6	19.6	0.0	0.0	0.0	59.3	2.5	-1.7	0.0	0.0	7.2	0.0	0.0	11.9
5524	638790.19	4873883.70	329.72	0	DEN	4000	55.4	19.6	0.0	0.0	0.0	59.3	8.5	-1.7	0.0	0.0	7.8	0.0	0.0	1.1
5524	638790.19	4873883.70	329.72	0	DEN	8000	52.3	19.6	0.0	0.0	0.0	59.3	30.3	-1.7	0.0	0.0	8.8	0.0	0.0	-24.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5531	638840.86	4873888.77	329.11	0	DEN	32	29.0	16.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-17.0
5531	638840.86	4873888.77	329.11	0	DEN	63	37.2	16.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-8.9
5531	638840.86	4873888.77	329.11	0	DEN	125	43.3	16.6	0.0	0.0	0.0	57.8	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-2.9
5531	638840.86	4873888.77	329.11	0	DEN	250	48.8	16.6	0.0	0.0	0.0	57.8	0.2	1.8	0.0	0.0	3.2	0.0	0.0	2.4
5531	638840.86	4873888.77	329.11	0	DEN	500	54.2	16.6	0.0	0.0	0.0	57.8	0.4	-1.1	0.0	0.0	6.1	0.0	0.0	7.4
5531	638840.86	4873888.77	329.11	0	DEN	1000	60.4	16.6	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	13.0
5531	638840.86	4873888.77	329.11	0	DEN	2000	59.6	16.6	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	10.3
5531	638840.86	4873888.77	329.11	0	DEN	4000	55.4	16.6	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	8.2	0.0	0.0	0.2
5531	638840.86	4873888.77	329.11	0	DEN	8000	52.3	16.6	0.0	0.0	0.0	57.8	25.7	-1.4	0.0	0.0	9.6	0.0	0.0	-22.8
5540	638860.95	4873891.48	328.97	0	DEN	32	29.0	13.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.5
5540	638860.95	4873891.48	328.97	0	DEN	63	37.2	13.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-11.3
5540	638860.95	4873891.48	328.97	0	DEN	125	43.3	13.6	0.0	0.0	0.0	57.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-5.4
5540	638860.95	4873891.48	328.97	0	DEN	250	48.8	13.6	0.0	0.0	0.0	57.3	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-0.1
5540	638860.95	4873891.48	328.97	0	DEN	500	54.2	13.6	0.0	0.0	0.0	57.3	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	5.0
5540	638860.95	4873891.48	328.97	0	DEN	1000	60.4	13.6	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	6.8	0.0	0.0	10.5
5540	638860.95	4873891.48	328.97	0	DEN	2000	59.6	13.6	0.0	0.0	0.0	57.3	2.0	-1.4	0.0	0.0	7.4	0.0	0.0	7.8
5540	638860.95	4873891.48	328.97	0	DEN	4000	55.4	13.6	0.0	0.0	0.0	57.3	6.8	-1.4	0.0	0.0	8.4	0.0	0.0	-2.1
5540	638860.95	4873891.48	328.97	0	DEN	8000	52.3	13.6	0.0	0.0	0.0	57.3	24.1	-1.4	0.0	0.0	9.9	0.0	0.0	-24.0
5548	638895.64	4873895.15	328.58	0	DEN	32	29.0	13.6	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.6
5548	638895.64	4873895.15	328.58	0	DEN	63	37.2	13.6	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-10.4
5548	638895.64	4873895.15	328.58	0	DEN	125	43.3	13.6	0.0	0.0	0.0	56.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-4.4
5548	638895.64	4873895.15	328.58	0	DEN	250	48.8	13.6	0.0	0.0	0.0	56.3	0.2	1.9	0.0	0.0	3.2	0.0	0.0	0.8
5548	638895.64	4873895.15	328.58	0	DEN	500	54.2	13.6	0.0	0.0	0.0	56.3	0.4	-0.9	0.0	0.0	6.3	0.0	0.0	5.8
5548	638895.64	4873895.15	328.58	0	DEN	1000	60.4	13.6	0.0	0.0	0.0	56.3	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	11.2
5548	638895.64	4873895.15	328.58	0	DEN	2000	59.6	13.6	0.0	0.0	0.0	56.3	1.8	-1.3	0.0	0.0	8.0	0.0	0.0	8.4
5548	638895.64	4873895.15	328.58	0	DEN	4000	55.4	13.6	0.0	0.0	0.0	56.3	6.1	-1.3	0.0	0.0	9.2	0.0	0.0	-1.3
5548	638895.64	4873895.15	328.58	0	DEN	8000	52.3	13.6	0.0	0.0	0.0	56.3	21.6	-1.3	0.0	0.0	11.1	0.0	0.0	-21.8
5557	638951.36	4873827.61	326.87	0	DEN	32	29.0	4.4	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-22.7
5557	638951.36	4873827.61	326.87	0	DEN	63	37.2	4.4	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-15.1
5557	638951.36	4873827.61	326.87	0	DEN	125	43.3	4.4	0.0	0.0	0.0	50.7	0.0	1.2	0.0	0.0	5.7	0.0	0.0	-10.0
5557	638951.36	4873827.61	326.87	0	DEN	250	48.8	4.4	0.0	0.0	0.0	50.7	0.1	2.0	0.0	0.0	6.3	0.0	0.0	-5.9
5557	638951.36	4873827.61	326.87	0	DEN	500	54.2	4.4	0.0	0.0	0.0	50.7	0.2	-0.8	0.0	0.0	11.0	0.0	0.0	-2.5
5557	638951.36	4873827.61	326.87	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	50.7	0.4	-1.2	0.0	0.0	13.7	0.0	0.0	1.2
5557	638951.36	4873827.61	326.87	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	50.7	0.9	-1.2	0.0	0.0	16.3	0.0	0.0	-2.9
5557	638951.36	4873827.61	326.87	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	50.7	3.2	-1.2	0.0	0.0	19.1	0.0	0.0	-12.1
5557	638951.36	4873827.61	326.87	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	50.7	11.3	-1.2	0.0	0.0	21.2	0.0	0.0	-25.4
5565	638955.88	4873811.80	326.57	0	DEN	32	29.0	4.4	0.0	0.0	0.0	49.3	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-21.6
5565	638955.88	4873811.80	326.57	0	DEN	63	37.2	4.4	0.0	0.0	0.0	49.3	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-14.2
5565	638955.88	4873811.80	326.57	0	DEN	125	43.3	4.4	0.0	0.0	0.0	49.3	0.0	1.4	0.0	0.0	6.2	0.0	0.0	-9.3
5565	638955.88	4873811.80	326.57	0	DEN	250	48.8	4.4	0.0	0.0	0.0	49.3	0.1	2.4	0.0	0.0	6.9	0.0	0.0	-5.5
5565	638955.88	4873811.80	326.57	0	DEN	500	54.2	4.4	0.0	0.0	0.0	49.3	0.2	-0.5	0.0	0.0	12.0	0.0	0.0	-2.4
5565	638955.88	4873811.80	326.57	0	DEN	1000	60.4	4.4	0.0	0.0	0.0	49.3	0.3	-1.0	0.0	0.0	15.0	0.0	0.0	1.2
5565	638955.88	4873811.80	326.57	0	DEN	2000	59.6	4.4	0.0	0.0	0.0	49.3	0.8	-1.0	0.0	0.0	17.7	0.0	0.0	-2.9
5565	638955.88	4873811.80	326.57	0	DEN	4000	55.4	4.4	0.0	0.0	0.0	49.3	2.7	-1.0	0.0	0.0	20.6	0.0	0.0	-11.8
5565	638955.88	4873811.80	326.57	0	DEN	8000	52.3	4.4	0.0	0.0	0.0	49.3	9.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.2
5573	638948.81	4873837.04	327.05	0	DEN	32	29.0	7.4	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-20.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5573	638948.81	4873837.04	327.05	0	DEN	63	37.2	7.4	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-12.7
5573	638948.81	4873837.04	327.05	0	DEN	125	43.3	7.4	0.0	0.0	0.0	51.5	0.0	1.3	0.0	0.0	5.2	0.0	0.0	-7.4
5573	638948.81	4873837.04	327.05	0	DEN	250	48.8	7.4	0.0	0.0	0.0	51.5	0.1	2.1	0.0	0.0	5.7	0.0	0.0	-3.2
5573	638948.81	4873837.04	327.05	0	DEN	500	54.2	7.4	0.0	0.0	0.0	51.5	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	0.3
5573	638948.81	4873837.04	327.05	0	DEN	1000	60.4	7.4	0.0	0.0	0.0	51.5	0.4	-1.1	0.0	0.0	12.9	0.0	0.0	4.1
5573	638948.81	4873837.04	327.05	0	DEN	2000	59.6	7.4	0.0	0.0	0.0	51.5	1.0	-1.2	0.0	0.0	15.5	0.0	0.0	0.1
5573	638948.81	4873837.04	327.05	0	DEN	4000	55.4	7.4	0.0	0.0	0.0	51.5	3.5	-1.2	0.0	0.0	18.3	0.0	0.0	-9.3
5573	638948.81	4873837.04	327.05	0	DEN	8000	52.3	7.4	0.0	0.0	0.0	51.5	12.4	-1.2	0.0	0.0	21.2	0.0	0.0	-24.2
5581	638941.60	4873863.05	327.54	0	DEN	32	29.0	10.4	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-19.0
5581	638941.60	4873863.05	327.54	0	DEN	63	37.2	10.4	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-11.1
5581	638941.60	4873863.05	327.54	0	DEN	125	43.3	10.4	0.0	0.0	0.0	53.4	0.1	1.3	0.0	0.0	4.6	0.0	0.0	-5.6
5581	638941.60	4873863.05	327.54	0	DEN	250	48.8	10.4	0.0	0.0	0.0	53.4	0.1	1.9	0.0	0.0	4.9	0.0	0.0	-1.0
5581	638941.60	4873863.05	327.54	0	DEN	500	54.2	10.4	0.0	0.0	0.0	53.4	0.3	-0.9	0.0	0.0	9.0	0.0	0.0	2.9
5581	638941.60	4873863.05	327.54	0	DEN	1000	60.4	10.4	0.0	0.0	0.0	53.4	0.5	-1.3	0.0	0.0	11.2	0.0	0.0	7.0
5581	638941.60	4873863.05	327.54	0	DEN	2000	59.6	10.4	0.0	0.0	0.0	53.4	1.3	-1.3	0.0	0.0	13.5	0.0	0.0	3.2
5581	638941.60	4873863.05	327.54	0	DEN	4000	55.4	10.4	0.0	0.0	0.0	53.4	4.3	-1.3	0.0	0.0	16.1	0.0	0.0	-6.7
5581	638941.60	4873863.05	327.54	0	DEN	8000	52.3	10.4	0.0	0.0	0.0	53.4	15.4	-1.3	0.0	0.0	18.9	0.0	0.0	-23.6
5589	638959.13	4873798.54	326.34	0	DEN	32	29.0	10.4	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-14.5
5589	638959.13	4873798.54	326.34	0	DEN	63	37.2	10.4	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-7.3
5589	638959.13	4873798.54	326.34	0	DEN	125	43.3	10.4	0.0	0.0	0.0	48.0	0.0	1.2	0.0	0.0	7.1	0.0	0.0	-2.6
5589	638959.13	4873798.54	326.34	0	DEN	250	48.8	10.4	0.0	0.0	0.0	48.0	0.1	2.1	0.0	0.0	8.0	0.0	0.0	1.0
5589	638959.13	4873798.54	326.34	0	DEN	500	54.2	10.4	0.0	0.0	0.0	48.0	0.1	-0.6	0.0	0.0	13.1	0.0	0.0	4.0
5589	638959.13	4873798.54	326.34	0	DEN	1000	60.4	10.4	0.0	0.0	0.0	48.0	0.3	-1.0	0.0	0.0	16.1	0.0	0.0	7.5
5589	638959.13	4873798.54	326.34	0	DEN	2000	59.6	10.4	0.0	0.0	0.0	48.0	0.7	-1.0	0.0	0.0	18.9	0.0	0.0	3.4
5589	638959.13	4873798.54	326.34	0	DEN	4000	55.4	10.4	0.0	0.0	0.0	48.0	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-4.5
5589	638959.13	4873798.54	326.34	0	DEN	8000	52.3	10.4	0.0	0.0	0.0	48.0	8.3	-1.0	0.0	0.0	21.0	0.0	0.0	-13.6
5597	638956.30	4873809.51	326.54	0	DEN	32	29.0	7.4	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-18.4
5597	638956.30	4873809.51	326.54	0	DEN	63	37.2	7.4	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-11.0
5597	638956.30	4873809.51	326.54	0	DEN	125	43.3	7.4	0.0	0.0	0.0	49.1	0.0	1.5	0.0	0.0	6.2	0.0	0.0	-6.1
5597	638956.30	4873809.51	326.54	0	DEN	250	48.8	7.4	0.0	0.0	0.0	49.1	0.1	2.5	0.0	0.0	7.0	0.0	0.0	-2.4
5597	638956.30	4873809.51	326.54	0	DEN	500	54.2	7.4	0.0	0.0	0.0	49.1	0.2	-0.5	0.0	0.0	12.1	0.0	0.0	0.7
5597	638956.30	4873809.51	326.54	0	DEN	1000	60.4	7.4	0.0	0.0	0.0	49.1	0.3	-0.9	0.0	0.0	15.1	0.0	0.0	4.3
5597	638956.30	4873809.51	326.54	0	DEN	2000	59.6	7.4	0.0	0.0	0.0	49.1	0.8	-1.0	0.0	0.0	17.8	0.0	0.0	0.2
5597	638956.30	4873809.51	326.54	0	DEN	4000	55.4	7.4	0.0	0.0	0.0	49.1	2.6	-1.0	0.0	0.0	20.7	0.0	0.0	-8.7
5597	638956.30	4873809.51	326.54	0	DEN	8000	52.3	7.4	0.0	0.0	0.0	49.1	9.4	-1.0	0.0	0.0	21.0	0.0	0.0	-18.8
5603	638951.78	4873825.31	326.84	0	DEN	32	29.0	7.4	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-19.6
5603	638951.78	4873825.31	326.84	0	DEN	63	37.2	7.4	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-12.0
5603	638951.78	4873825.31	326.84	0	DEN	125	43.3	7.4	0.0	0.0	0.0	50.6	0.0	1.2	0.0	0.0	5.7	0.0	0.0	-6.8
5603	638951.78	4873825.31	326.84	0	DEN	250	48.8	7.4	0.0	0.0	0.0	50.6	0.1	2.0	0.0	0.0	6.3	0.0	0.0	-2.8
5603	638951.78	4873825.31	326.84	0	DEN	500	54.2	7.4	0.0	0.0	0.0	50.6	0.2	-0.8	0.0	0.0	11.1	0.0	0.0	0.6
5603	638951.78	4873825.31	326.84	0	DEN	1000	60.4	7.4	0.0	0.0	0.0	50.6	0.3	-1.1	0.0	0.0	13.8	0.0	0.0	4.2
5603	638951.78	4873825.31	326.84	0	DEN	2000	59.6	7.4	0.0	0.0	0.0	50.6	0.9	-1.1	0.0	0.0	16.5	0.0	0.0	0.2
5603	638951.78	4873825.31	326.84	0	DEN	4000	55.4	7.4	0.0	0.0	0.0	50.6	3.1	-1.1	0.0	0.0	19.3	0.0	0.0	-9.0
5603	638951.78	4873825.31	326.84	0	DEN	8000	52.3	7.4	0.0	0.0	0.0	50.6	11.1	-1.1	0.0	0.0	21.1	0.0	0.0	-22.0
5612	638932.93	4873894.78	328.13	1	DEN	1000	60.4	-8.9	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-16.1
5612	638932.93	4873894.78	328.13	1	DEN	2000	59.6	-8.9	0.0	0.0	0.0	56.2	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-20.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5612	638932.93	4873894.78	328.13	1	DEN	4000	55.4	-8.9	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-31.2
5612	638932.93	4873894.78	328.13	1	DEN	8000	52.3	-8.9	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-52.3
5622	638763.15	4873882.46	330.06	0	DEN	32	29.0	22.1	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.5	0.0	0.0	-13.7
5622	638763.15	4873882.46	330.06	0	DEN	63	37.2	22.1	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-5.5
5622	638763.15	4873882.46	330.06	0	DEN	125	43.3	22.1	0.0	0.0	0.0	60.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	0.5
5622	638763.15	4873882.46	330.06	0	DEN	250	48.8	22.1	0.0	0.0	0.0	60.0	0.3	1.5	0.0	0.0	3.4	0.0	0.0	5.8
5622	638763.15	4873882.46	330.06	0	DEN	500	54.2	22.1	0.0	0.0	0.0	60.0	0.5	-1.4	0.0	0.0	6.3	0.0	0.0	10.8
5622	638763.15	4873882.46	330.06	0	DEN	1000	60.4	22.1	0.0	0.0	0.0	60.0	1.0	-1.8	0.0	0.0	6.8	0.0	0.0	16.4
5622	638763.15	4873882.46	330.06	0	DEN	2000	59.6	22.1	0.0	0.0	0.0	60.0	2.7	-1.8	0.0	0.0	7.1	0.0	0.0	13.6
5622	638763.15	4873882.46	330.06	0	DEN	4000	55.4	22.1	0.0	0.0	0.0	60.0	9.2	-1.8	0.0	0.0	7.6	0.0	0.0	2.4
5622	638763.15	4873882.46	330.06	0	DEN	8000	52.3	22.1	0.0	0.0	0.0	60.0	33.0	-1.8	0.0	0.0	8.5	0.0	0.0	-25.2
5629	638800.30	4873886.91	329.63	0	DEN	32	29.0	19.1	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-15.7
5629	638800.30	4873886.91	329.63	0	DEN	63	37.2	19.1	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-7.5
5629	638800.30	4873886.91	329.63	0	DEN	125	43.3	19.1	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-1.5
5629	638800.30	4873886.91	329.63	0	DEN	250	48.8	19.1	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.3	0.0	0.0	3.7
5629	638800.30	4873886.91	329.63	0	DEN	500	54.2	19.1	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	8.8
5629	638800.30	4873886.91	329.63	0	DEN	1000	60.4	19.1	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	14.4
5629	638800.30	4873886.91	329.63	0	DEN	2000	59.6	19.1	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.2	0.0	0.0	11.7
5629	638800.30	4873886.91	329.63	0	DEN	4000	55.4	19.1	0.0	0.0	0.0	59.0	8.3	-1.6	0.0	0.0	7.8	0.0	0.0	1.0
5629	638800.30	4873886.91	329.63	0	DEN	8000	52.3	19.1	0.0	0.0	0.0	59.0	29.4	-1.6	0.0	0.0	8.9	0.0	0.0	-24.3
5637	638847.43	4873890.86	329.14	0	DEN	32	29.0	16.1	0.0	0.0	0.0	57.7	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-17.4
5637	638847.43	4873890.86	329.14	0	DEN	63	37.2	16.1	0.0	0.0	0.0	57.7	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-9.2
5637	638847.43	4873890.86	329.14	0	DEN	125	43.3	16.1	0.0	0.0	0.0	57.7	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-3.2
5637	638847.43	4873890.86	329.14	0	DEN	250	48.8	16.1	0.0	0.0	0.0	57.7	0.2	1.8	0.0	0.0	3.1	0.0	0.0	2.1
5637	638847.43	4873890.86	329.14	0	DEN	500	54.2	16.1	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	7.1
5637	638847.43	4873890.86	329.14	0	DEN	1000	60.4	16.1	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	12.6
5637	638847.43	4873890.86	329.14	0	DEN	2000	59.6	16.1	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	10.0
5637	638847.43	4873890.86	329.14	0	DEN	4000	55.4	16.1	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	8.2	0.0	0.0	-0.1
5637	638847.43	4873890.86	329.14	0	DEN	8000	52.3	16.1	0.0	0.0	0.0	57.7	25.2	-1.4	0.0	0.0	9.6	0.0	0.0	-22.7
5646	638866.01	4873893.08	328.92	0	DEN	32	29.0	13.1	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.9
5646	638866.01	4873893.08	328.92	0	DEN	63	37.2	13.1	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-11.7
5646	638866.01	4873893.08	328.92	0	DEN	125	43.3	13.1	0.0	0.0	0.0	57.2	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-5.7
5646	638866.01	4873893.08	328.92	0	DEN	250	48.8	13.1	0.0	0.0	0.0	57.2	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-0.5
5646	638866.01	4873893.08	328.92	0	DEN	500	54.2	13.1	0.0	0.0	0.0	57.2	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	4.6
5646	638866.01	4873893.08	328.92	0	DEN	1000	60.4	13.1	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	10.1
5646	638866.01	4873893.08	328.92	0	DEN	2000	59.6	13.1	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	7.4	0.0	0.0	7.4
5646	638866.01	4873893.08	328.92	0	DEN	4000	55.4	13.1	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	8.5	0.0	0.0	-2.5
5646	638866.01	4873893.08	328.92	0	DEN	8000	52.3	13.1	0.0	0.0	0.0	57.2	23.8	-1.3	0.0	0.0	10.0	0.0	0.0	-24.2
5654	638898.24	4873895.97	328.58	0	DEN	32	29.0	13.1	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.0
5654	638898.24	4873895.97	328.58	0	DEN	63	37.2	13.1	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-10.9
5654	638898.24	4873895.97	328.58	0	DEN	125	43.3	13.1	0.0	0.0	0.0	56.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-4.9
5654	638898.24	4873895.97	328.58	0	DEN	250	48.8	13.1	0.0	0.0	0.0	56.3	0.2	1.9	0.0	0.0	3.1	0.0	0.0	0.4
5654	638898.24	4873895.97	328.58	0	DEN	500	54.2	13.1	0.0	0.0	0.0	56.3	0.4	-0.9	0.0	0.0	6.3	0.0	0.0	5.3
5654	638898.24	4873895.97	328.58	0	DEN	1000	60.4	13.1	0.0	0.0	0.0	56.3	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	10.7
5654	638898.24	4873895.97	328.58	0	DEN	2000	59.6	13.1	0.0	0.0	0.0	56.3	1.8	-1.3	0.0	0.0	8.0	0.0	0.0	8.0
5654	638898.24	4873895.97	328.58	0	DEN	4000	55.4	13.1	0.0	0.0	0.0	56.3	6.0	-1.3	0.0	0.0	9.3	0.0	0.0	-1.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5654	638898.24	4873895.97	328.58	0	DEN	8000	52.3	13.1	0.0	0.0	0.0	56.3	21.5	-1.3	0.0	0.0	11.1	0.0	0.0	-22.1
5664	638733.81	4873538.84	324.34	0	DEN	32	29.0	30.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-6.9
5664	638733.81	4873538.84	324.34	0	DEN	63	37.2	30.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	1.3
5664	638733.81	4873538.84	324.34	0	DEN	125	43.3	30.9	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	3.9	0.0	0.0	7.3
5664	638733.81	4873538.84	324.34	0	DEN	250	48.8	30.9	0.0	0.0	0.0	61.9	0.4	1.2	0.0	0.0	3.7	0.0	0.0	12.5
5664	638733.81	4873538.84	324.34	0	DEN	500	54.2	30.9	0.0	0.0	0.0	61.9	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	17.5
5664	638733.81	4873538.84	324.34	0	DEN	1000	60.4	30.9	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	22.8
5664	638733.81	4873538.84	324.34	0	DEN	2000	59.6	30.9	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.6	0.0	0.0	19.5
5664	638733.81	4873538.84	324.34	0	DEN	4000	55.4	30.9	0.0	0.0	0.0	61.9	11.6	-2.0	0.0	0.0	8.4	0.0	0.0	6.4
5664	638733.81	4873538.84	324.34	0	DEN	8000	52.3	30.9	0.0	0.0	0.0	61.9	41.2	-2.0	0.0	0.0	9.5	0.0	0.0	-27.5
5676	638961.97	4873768.03	325.93	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-24.4
5676	638961.97	4873768.03	325.93	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-17.3
5676	638961.97	4873768.03	325.93	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	45.6	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-12.6
5676	638961.97	4873768.03	325.93	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	45.6	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-9.2
5676	638961.97	4873768.03	325.93	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	13.6	0.0	0.0	-6.2
5676	638961.97	4873768.03	325.93	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	45.6	0.2	-1.0	0.0	0.0	16.6	0.0	0.0	-2.8
5676	638961.97	4873768.03	325.93	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	45.6	0.5	-1.0	0.0	0.0	19.4	0.0	0.0	-6.7
5676	638961.97	4873768.03	325.93	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	45.6	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-13.7
5676	638961.97	4873768.03	325.93	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	45.6	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-21.4
5685	638965.90	4873751.06	325.63	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-23.9
5685	638965.90	4873751.06	325.63	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-16.9
5685	638965.90	4873751.06	325.63	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.8	0.0	0.0	-12.5
5685	638965.90	4873751.06	325.63	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.6	0.1	1.4	0.0	0.0	10.3	0.0	0.0	-9.3
5685	638965.90	4873751.06	325.63	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.0	0.0	0.0	-6.5
5685	638965.90	4873751.06	325.63	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-3.1
5685	638965.90	4873751.06	325.63	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-7.1
5685	638965.90	4873751.06	325.63	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-12.5
5685	638965.90	4873751.06	325.63	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-19.7
5695	638969.81	4873734.28	325.33	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-24.1
5695	638969.81	4873734.28	325.33	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-17.3
5695	638969.81	4873734.28	325.33	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.6	0.0	0.9	0.0	0.0	9.1	0.0	0.0	-13.1
5695	638969.81	4873734.28	325.33	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.6	0.0	1.7	0.0	0.0	10.6	0.0	0.0	-9.9
5695	638969.81	4873734.28	325.33	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.6	0.1	-0.6	0.0	0.0	15.5	0.0	0.0	-7.2
5695	638969.81	4873734.28	325.33	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.6	0.2	-1.0	0.0	0.0	18.7	0.0	0.0	-3.8
5695	638969.81	4873734.28	325.33	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.6	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.2
5695	638969.81	4873734.28	325.33	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.6	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5
5695	638969.81	4873734.28	325.33	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.6	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-19.6
5701	638973.81	4873716.95	325.03	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-24.8
5701	638973.81	4873716.95	325.03	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-17.8
5701	638973.81	4873716.95	325.03	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	45.6	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-13.4
5701	638973.81	4873716.95	325.03	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	45.6	0.1	1.8	0.0	0.0	9.7	0.0	0.0	-10.1
5701	638973.81	4873716.95	325.03	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	45.6	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-7.3
5701	638973.81	4873716.95	325.03	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	45.6	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	-3.9
5701	638973.81	4873716.95	325.03	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	45.6	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-7.9
5701	638973.81	4873716.95	325.03	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	45.6	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-13.8
5701	638973.81	4873716.95	325.03	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	45.6	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-21.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5709	638957.86	4873785.90	326.24	0	DEN	32	29.0	1.3	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-22.7
5709	638957.86	4873785.90	326.24	0	DEN	63	37.2	1.3	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-15.4
5709	638957.86	4873785.90	326.24	0	DEN	125	43.3	1.3	0.0	0.0	0.0	47.2	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-10.6
5709	638957.86	4873785.90	326.24	0	DEN	250	48.8	1.3	0.0	0.0	0.0	47.2	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-6.9
5709	638957.86	4873785.90	326.24	0	DEN	500	54.2	1.3	0.0	0.0	0.0	47.2	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-3.8
5709	638957.86	4873785.90	326.24	0	DEN	1000	60.4	1.3	0.0	0.0	0.0	47.2	0.2	-1.0	0.0	0.0	15.4	0.0	0.0	-0.3
5709	638957.86	4873785.90	326.24	0	DEN	2000	59.6	1.3	0.0	0.0	0.0	47.2	0.6	-1.0	0.0	0.0	18.2	0.0	0.0	-4.2
5709	638957.86	4873785.90	326.24	0	DEN	4000	55.4	1.3	0.0	0.0	0.0	47.2	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-12.7
5709	638957.86	4873785.90	326.24	0	DEN	8000	52.3	1.3	0.0	0.0	0.0	47.2	7.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.2
5717	638959.93	4873776.87	326.08	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-25.1
5717	638959.93	4873776.87	326.08	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-17.8
5717	638959.93	4873776.87	326.08	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	46.4	0.0	0.9	0.0	0.0	7.3	0.0	0.0	-13.1
5717	638959.93	4873776.87	326.08	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	46.4	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-9.5
5717	638959.93	4873776.87	326.08	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	46.4	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-6.5
5717	638959.93	4873776.87	326.08	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	46.4	0.2	-1.1	0.0	0.0	16.1	0.0	0.0	-3.0
5717	638959.93	4873776.87	326.08	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	46.4	0.6	-1.1	0.0	0.0	18.9	0.0	0.0	-7.0
5717	638959.93	4873776.87	326.08	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	46.4	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-14.7
5717	638959.93	4873776.87	326.08	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	46.4	6.9	-1.1	0.0	0.0	21.1	0.0	0.0	-22.7
5724	638963.80	4873760.27	325.78	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.1
5724	638963.80	4873760.27	325.78	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-17.0
5724	638963.80	4873760.27	325.78	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-12.5
5724	638963.80	4873760.27	325.78	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-9.2
5724	638963.80	4873760.27	325.78	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-6.3
5724	638963.80	4873760.27	325.78	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-2.9
5724	638963.80	4873760.27	325.78	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-6.8
5724	638963.80	4873760.27	325.78	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
5724	638963.80	4873760.27	325.78	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-20.4
5732	638953.96	4873802.68	326.54	0	DEN	32	29.0	1.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-24.1
5732	638953.96	4873802.68	326.54	0	DEN	63	37.2	1.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-16.5
5732	638953.96	4873802.68	326.54	0	DEN	125	43.3	1.3	0.0	0.0	0.0	48.8	0.0	1.2	0.0	0.0	6.1	0.0	0.0	-11.5
5732	638953.96	4873802.68	326.54	0	DEN	250	48.8	1.3	0.0	0.0	0.0	48.8	0.1	2.1	0.0	0.0	6.7	0.0	0.0	-7.6
5732	638953.96	4873802.68	326.54	0	DEN	500	54.2	1.3	0.0	0.0	0.0	48.8	0.1	-0.7	0.0	0.0	11.5	0.0	0.0	-4.3
5732	638953.96	4873802.68	326.54	0	DEN	1000	60.4	1.3	0.0	0.0	0.0	48.8	0.3	-1.1	0.0	0.0	14.4	0.0	0.0	-0.7
5732	638953.96	4873802.68	326.54	0	DEN	2000	59.6	1.3	0.0	0.0	0.0	48.8	0.7	-1.1	0.0	0.0	17.1	0.0	0.0	-4.7
5732	638953.96	4873802.68	326.54	0	DEN	4000	55.4	1.3	0.0	0.0	0.0	48.8	2.5	-1.1	0.0	0.0	19.9	0.0	0.0	-13.5
5732	638953.96	4873802.68	326.54	0	DEN	8000	52.3	1.3	0.0	0.0	0.0	48.8	9.1	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
5741	638951.86	4873811.89	326.69	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-27.8
5741	638951.86	4873811.89	326.69	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-20.2
5741	638951.86	4873811.89	326.69	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	49.6	0.0	1.3	0.0	0.0	5.6	0.0	0.0	-15.0
5741	638951.86	4873811.89	326.69	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	49.6	0.1	2.3	0.0	0.0	6.1	0.0	0.0	-11.0
5741	638951.86	4873811.89	326.69	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	10.9	0.0	0.0	-7.6
5741	638951.86	4873811.89	326.69	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	13.7	0.0	0.0	-4.0
5741	638951.86	4873811.89	326.69	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	16.4	0.0	0.0	-7.9
5741	638951.86	4873811.89	326.69	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	19.2	0.0	0.0	-16.9
5741	638951.86	4873811.89	326.69	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-29.0
5750	638947.92	4873828.86	326.99	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-29.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5750	638947.92	4873828.86	326.99	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-21.3
5750	638947.92	4873828.86	326.99	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	51.0	0.0	1.1	0.0	0.0	5.3	0.0	0.0	-15.9
5750	638947.92	4873828.86	326.99	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	51.0	0.1	1.9	0.0	0.0	5.8	0.0	0.0	-11.7
5750	638947.92	4873828.86	326.99	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	10.2	0.0	0.0	-8.1
5750	638947.92	4873828.86	326.99	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	12.7	0.0	0.0	-4.3
5750	638947.92	4873828.86	326.99	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	15.3	0.0	0.0	-8.2
5750	638947.92	4873828.86	326.99	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	18.0	0.0	0.0	-17.4
5750	638947.92	4873828.86	326.99	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	51.0	11.7	-1.2	0.0	0.0	20.9	0.0	0.0	-31.9
5758	638949.79	4873820.92	326.85	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-28.5
5758	638949.79	4873820.92	326.85	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-20.8
5758	638949.79	4873820.92	326.85	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	50.4	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-15.5
5758	638949.79	4873820.92	326.85	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	50.4	0.1	2.1	0.0	0.0	5.8	0.0	0.0	-11.4
5758	638949.79	4873820.92	326.85	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	50.4	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-7.9
5758	638949.79	4873820.92	326.85	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	50.4	0.3	-1.1	0.0	0.0	13.2	0.0	0.0	-4.1
5758	638949.79	4873820.92	326.85	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	50.4	0.9	-1.1	0.0	0.0	15.8	0.0	0.0	-8.1
5758	638949.79	4873820.92	326.85	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	50.4	3.1	-1.1	0.0	0.0	18.6	0.0	0.0	-17.2
5758	638949.79	4873820.92	326.85	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	50.4	10.9	-1.1	0.0	0.0	21.1	0.0	0.0	-30.7
5767	638945.79	4873838.25	327.15	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-29.7
5767	638945.79	4873838.25	327.15	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-21.8
5767	638945.79	4873838.25	327.15	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	51.7	0.0	1.2	0.0	0.0	5.0	0.0	0.0	-16.4
5767	638945.79	4873838.25	327.15	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	51.7	0.1	1.8	0.0	0.0	5.5	0.0	0.0	-12.1
5767	638945.79	4873838.25	327.15	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	51.7	0.2	-0.9	0.0	0.0	9.7	0.0	0.0	-8.4
5767	638945.79	4873838.25	327.15	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	51.7	0.4	-1.2	0.0	0.0	12.2	0.0	0.0	-4.4
5767	638945.79	4873838.25	327.15	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	51.7	1.1	-1.2	0.0	0.0	14.6	0.0	0.0	-8.3
5767	638945.79	4873838.25	327.15	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	51.7	3.6	-1.2	0.0	0.0	17.3	0.0	0.0	-17.7
5767	638945.79	4873838.25	327.15	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	51.7	12.7	-1.2	0.0	0.0	20.2	0.0	0.0	-32.8
5775	638939.78	4873864.24	327.60	0	DEN	32	29.0	1.3	0.0	0.0	0.0	53.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-28.3
5775	638939.78	4873864.24	327.60	0	DEN	63	37.2	1.3	0.0	0.0	0.0	53.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-20.3
5775	638939.78	4873864.24	327.60	0	DEN	125	43.3	1.3	0.0	0.0	0.0	53.5	0.1	1.2	0.0	0.0	4.5	0.0	0.0	-14.7
5775	638939.78	4873864.24	327.60	0	DEN	250	48.8	1.3	0.0	0.0	0.0	53.5	0.1	1.8	0.0	0.0	4.7	0.0	0.0	-10.1
5775	638939.78	4873864.24	327.60	0	DEN	500	54.2	1.3	0.0	0.0	0.0	53.5	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	-6.0
5775	638939.78	4873864.24	327.60	0	DEN	1000	60.4	1.3	0.0	0.0	0.0	53.5	0.5	-1.3	0.0	0.0	10.8	0.0	0.0	-1.8
5775	638939.78	4873864.24	327.60	0	DEN	2000	59.6	1.3	0.0	0.0	0.0	53.5	1.3	-1.3	0.0	0.0	13.0	0.0	0.0	-5.6
5775	638939.78	4873864.24	327.60	0	DEN	4000	55.4	1.3	0.0	0.0	0.0	53.5	4.4	-1.3	0.0	0.0	15.5	0.0	0.0	-15.4
5775	638939.78	4873864.24	327.60	0	DEN	8000	52.3	1.3	0.0	0.0	0.0	53.5	15.6	-1.3	0.0	0.0	18.3	0.0	0.0	-32.5
5782	638978.25	4873697.27	324.71	0	DEN	32	29.0	4.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-20.4
5782	638978.25	4873697.27	324.71	0	DEN	63	37.2	4.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-13.3
5782	638978.25	4873697.27	324.71	0	DEN	125	43.3	4.3	0.0	0.0	0.0	47.4	0.0	1.0	0.0	0.0	7.8	0.0	0.0	-8.8
5782	638978.25	4873697.27	324.71	0	DEN	250	48.8	4.3	0.0	0.0	0.0	47.4	0.1	2.0	0.0	0.0	9.0	0.0	0.0	-5.4
5782	638978.25	4873697.27	324.71	0	DEN	500	54.2	4.3	0.0	0.0	0.0	47.4	0.1	-0.7	0.0	0.0	14.1	0.0	0.0	-2.5
5782	638978.25	4873697.27	324.71	0	DEN	1000	60.4	4.3	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	0.9
5782	638978.25	4873697.27	324.71	0	DEN	2000	59.6	4.3	0.0	0.0	0.0	47.4	0.6	-1.1	0.0	0.0	20.0	0.0	0.0	-3.2
5782	638978.25	4873697.27	324.71	0	DEN	4000	55.4	4.3	0.0	0.0	0.0	47.4	2.2	-1.1	0.0	0.0	21.1	0.0	0.0	-9.9
5782	638978.25	4873697.27	324.71	0	DEN	8000	52.3	4.3	0.0	0.0	0.0	47.4	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
5789	638976.08	4873706.84	324.86	0	DEN	32	29.0	1.3	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-22.5
5789	638976.08	4873706.84	324.86	0	DEN	63	37.2	1.3	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-15.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5789	638976.08	4873706.84	324.86	0	DEN	125	43.3	1.3	0.0	0.0	0.0	46.5	0.0	1.2	0.0	0.0	7.8	0.0	0.0	-11.0
5789	638976.08	4873706.84	324.86	0	DEN	250	48.8	1.3	0.0	0.0	0.0	46.5	0.1	2.1	0.0	0.0	8.9	0.0	0.0	-7.6
5789	638976.08	4873706.84	324.86	0	DEN	500	54.2	1.3	0.0	0.0	0.0	46.5	0.1	-0.5	0.0	0.0	14.1	0.0	0.0	-4.7
5789	638976.08	4873706.84	324.86	0	DEN	1000	60.4	1.3	0.0	0.0	0.0	46.5	0.2	-0.9	0.0	0.0	17.1	0.0	0.0	-1.3
5789	638976.08	4873706.84	324.86	0	DEN	2000	59.6	1.3	0.0	0.0	0.0	46.5	0.6	-0.9	0.0	0.0	20.0	0.0	0.0	-5.3
5789	638976.08	4873706.84	324.86	0	DEN	4000	55.4	1.3	0.0	0.0	0.0	46.5	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-11.8
5789	638976.08	4873706.84	324.86	0	DEN	8000	52.3	1.3	0.0	0.0	0.0	46.5	7.0	-0.9	0.0	0.0	20.9	0.0	0.0	-20.0
5798	638973.29	4873718.65	325.08	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-24.7
5798	638973.29	4873718.65	325.08	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-17.7
5798	638973.29	4873718.65	325.08	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-13.3
5798	638973.29	4873718.65	325.08	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.8	0.0	0.0	-10.0
5798	638973.29	4873718.65	325.08	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-7.2
5798	638973.29	4873718.65	325.08	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.8	0.0	0.0	-3.8
5798	638973.29	4873718.65	325.08	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	20.7	0.0	0.0	-7.8
5798	638973.29	4873718.65	325.08	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-13.6
5798	638973.29	4873718.65	325.08	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-21.2
5806	638971.26	4873727.50	325.24	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-24.3
5806	638971.26	4873727.50	325.24	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-17.4
5806	638971.26	4873727.50	325.24	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.9	0.0	1.0	0.0	0.0	8.7	0.0	0.0	-13.1
5806	638971.26	4873727.50	325.24	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.9	0.1	1.8	0.0	0.0	10.2	0.0	0.0	-9.9
5806	638971.26	4873727.50	325.24	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.1	0.0	0.0	-7.1
5806	638971.26	4873727.50	325.24	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.9	0.2	-0.9	0.0	0.0	18.2	0.0	0.0	-3.8
5806	638971.26	4873727.50	325.24	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.9	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-7.6
5806	638971.26	4873727.50	325.24	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.9	1.6	-0.9	0.0	0.0	20.9	0.0	0.0	-12.9
5806	638971.26	4873727.50	325.24	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.9	5.8	-0.9	0.0	0.0	20.9	0.0	0.0	-20.2
5814	638972.07	4873724.16	325.17	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-24.4
5814	638972.07	4873724.16	325.17	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-17.5
5814	638972.07	4873724.16	325.17	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	45.1	0.0	0.7	0.0	0.0	8.8	0.0	0.0	-13.2
5814	638972.07	4873724.16	325.17	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	45.1	0.1	1.5	0.0	0.0	10.3	0.0	0.0	-9.9
5814	638972.07	4873724.16	325.17	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-7.1
5814	638972.07	4873724.16	325.17	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	45.1	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	-3.8
5814	638972.07	4873724.16	325.17	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	45.1	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-7.8
5814	638972.07	4873724.16	325.17	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	45.1	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-13.1
5814	638972.07	4873724.16	325.17	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	45.1	5.9	-1.1	0.0	0.0	21.1	0.0	0.0	-20.5
5822	638975.88	4873707.92	324.87	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-25.5
5822	638975.88	4873707.92	324.87	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-18.4
5822	638975.88	4873707.92	324.87	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	46.4	0.0	1.2	0.0	0.0	7.8	0.0	0.0	-13.9
5822	638975.88	4873707.92	324.87	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	46.4	0.1	2.1	0.0	0.0	9.0	0.0	0.0	-10.5
5822	638975.88	4873707.92	324.87	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	46.4	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-7.7
5822	638975.88	4873707.92	324.87	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	46.4	0.2	-0.9	0.0	0.0	17.2	0.0	0.0	-4.3
5822	638975.88	4873707.92	324.87	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	46.4	0.6	-0.9	0.0	0.0	20.1	0.0	0.0	-8.3
5822	638975.88	4873707.92	324.87	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	46.4	1.9	-0.9	0.0	0.0	20.9	0.0	0.0	-14.7
5822	638975.88	4873707.92	324.87	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	46.4	6.9	-0.9	0.0	0.0	20.9	0.0	0.0	-22.8
5829	638969.06	4873737.25	325.40	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-24.0
5829	638969.06	4873737.25	325.40	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-17.2
5829	638969.06	4873737.25	325.40	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.5	0.0	0.8	0.0	0.0	9.1	0.0	0.0	-13.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5829	638969.06	4873737.25	325.40	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.5	0.0	1.6	0.0	0.0	10.6	0.0	0.0	-9.8
5829	638969.06	4873737.25	325.40	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.5	0.1	-0.6	0.0	0.0	15.5	0.0	0.0	-7.0
5829	638969.06	4873737.25	325.40	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.5	0.2	-1.0	0.0	0.0	18.6	0.0	0.0	-3.7
5829	638969.06	4873737.25	325.40	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.5	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.1
5829	638969.06	4873737.25	325.40	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.5	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.4
5829	638969.06	4873737.25	325.40	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.5	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-19.5
5837	638971.02	4873728.77	325.25	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-24.3
5837	638971.02	4873728.77	325.25	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-17.4
5837	638971.02	4873728.77	325.25	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.8	0.0	0.0	-13.1
5837	638971.02	4873728.77	325.25	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.9	0.1	1.8	0.0	0.0	10.3	0.0	0.0	-9.9
5837	638971.02	4873728.77	325.25	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.2	0.0	0.0	-7.1
5837	638971.02	4873728.77	325.25	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.9	0.2	-0.9	0.0	0.0	18.3	0.0	0.0	-3.8
5837	638971.02	4873728.77	325.25	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.9	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-7.5
5837	638971.02	4873728.77	325.25	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.9	1.6	-0.9	0.0	0.0	20.9	0.0	0.0	-12.8
5837	638971.02	4873728.77	325.25	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.9	5.8	-0.9	0.0	0.0	20.9	0.0	0.0	-20.1
5845	638967.19	4873745.19	325.54	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.9
5845	638967.19	4873745.19	325.54	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-16.9
5845	638967.19	4873745.19	325.54	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.5	0.0	0.6	0.0	0.0	9.0	0.0	0.0	-12.6
5845	638967.19	4873745.19	325.54	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.5	0.0	1.4	0.0	0.0	10.5	0.0	0.0	-9.4
5845	638967.19	4873745.19	325.54	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.5	0.1	-0.8	0.0	0.0	15.3	0.0	0.0	-6.6
5845	638967.19	4873745.19	325.54	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.5	0.2	-1.1	0.0	0.0	18.3	0.0	0.0	-3.3
5845	638967.19	4873745.19	325.54	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.5	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-7.1
5845	638967.19	4873745.19	325.54	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.5	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-12.4
5845	638967.19	4873745.19	325.54	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.5	5.5	-1.1	0.0	0.0	21.1	0.0	0.0	-19.5
5853	638965.15	4873754.04	325.70	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-23.9
5853	638965.15	4873754.04	325.70	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-16.9
5853	638965.15	4873754.04	325.70	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	44.7	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-12.5
5853	638965.15	4873754.04	325.70	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	44.7	0.1	1.7	0.0	0.0	9.8	0.0	0.0	-9.2
5853	638965.15	4873754.04	325.70	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	44.7	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-6.4
5853	638965.15	4873754.04	325.70	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	-3.0
5853	638965.15	4873754.04	325.70	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-6.9
5853	638965.15	4873754.04	325.70	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.7
5853	638965.15	4873754.04	325.70	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	44.7	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-19.9
5861	638964.07	4873758.82	325.77	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.0
5861	638964.07	4873758.82	325.77	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-17.0
5861	638964.07	4873758.82	325.77	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.2	0.0	0.0	-12.5
5861	638964.07	4873758.82	325.77	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-9.1
5861	638964.07	4873758.82	325.77	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.3	0.0	0.0	-6.3
5861	638964.07	4873758.82	325.77	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-2.9
5861	638964.07	4873758.82	325.77	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-6.8
5861	638964.07	4873758.82	325.77	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-13.0
5861	638964.07	4873758.82	325.77	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	45.0	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-20.3
5869	638960.13	4873775.79	326.08	0	DEN	32	29.0	-1.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-25.0
5869	638960.13	4873775.79	326.08	0	DEN	63	37.2	-1.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-17.7
5869	638960.13	4873775.79	326.08	0	DEN	125	43.3	-1.7	0.0	0.0	0.0	46.3	0.0	0.9	0.0	0.0	7.4	0.0	0.0	-13.0
5869	638960.13	4873775.79	326.08	0	DEN	250	48.8	-1.7	0.0	0.0	0.0	46.3	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-9.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5869	638960.13	4873775.79	326.08	0	DEN	500	54.2	-1.7	0.0	0.0	0.0	46.3	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-6.4
5869	638960.13	4873775.79	326.08	0	DEN	1000	60.4	-1.7	0.0	0.0	0.0	46.3	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-2.9
5869	638960.13	4873775.79	326.08	0	DEN	2000	59.6	-1.7	0.0	0.0	0.0	46.3	0.6	-1.1	0.0	0.0	19.0	0.0	0.0	-6.9
5869	638960.13	4873775.79	326.08	0	DEN	4000	55.4	-1.7	0.0	0.0	0.0	46.3	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-14.5
5869	638960.13	4873775.79	326.08	0	DEN	8000	52.3	-1.7	0.0	0.0	0.0	46.3	6.8	-1.1	0.0	0.0	21.1	0.0	0.0	-22.5
5878	638932.77	4873894.64	328.13	1	DEN	1000	60.4	-17.5	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-24.7
5878	638932.77	4873894.64	328.13	1	DEN	2000	59.6	-17.5	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-28.8
5878	638932.77	4873894.64	328.13	1	DEN	4000	55.4	-17.5	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-39.8
5878	638932.77	4873894.64	328.13	1	DEN	8000	52.3	-17.5	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-60.9
5890	638804.12	4873895.49	329.78	0	DEN	32	29.0	20.4	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-14.5
5890	638804.12	4873895.49	329.78	0	DEN	63	37.2	20.4	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-6.3
5890	638804.12	4873895.49	329.78	0	DEN	125	43.3	20.4	0.0	0.0	0.0	59.1	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-0.3
5890	638804.12	4873895.49	329.78	0	DEN	250	48.8	20.4	0.0	0.0	0.0	59.1	0.3	1.6	0.0	0.0	3.2	0.0	0.0	5.0
5890	638804.12	4873895.49	329.78	0	DEN	500	54.2	20.4	0.0	0.0	0.0	59.1	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	10.1
5890	638804.12	4873895.49	329.78	0	DEN	1000	60.4	20.4	0.0	0.0	0.0	59.1	0.9	-1.6	0.0	0.0	6.7	0.0	0.0	15.7
5890	638804.12	4873895.49	329.78	0	DEN	2000	59.6	20.4	0.0	0.0	0.0	59.1	2.4	-1.6	0.0	0.0	7.1	0.0	0.0	13.0
5890	638804.12	4873895.49	329.78	0	DEN	4000	55.4	20.4	0.0	0.0	0.0	59.1	8.3	-1.6	0.0	0.0	7.7	0.0	0.0	2.4
5890	638804.12	4873895.49	329.78	0	DEN	8000	52.3	20.4	0.0	0.0	0.0	59.1	29.6	-1.6	0.0	0.0	8.7	0.0	0.0	-23.0
5897	638831.95	4873896.98	329.36	0	DEN	32	29.0	17.4	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-16.7
5897	638831.95	4873896.98	329.36	0	DEN	63	37.2	17.4	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-8.5
5897	638831.95	4873896.98	329.36	0	DEN	125	43.3	17.4	0.0	0.0	0.0	58.3	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-2.5
5897	638831.95	4873896.98	329.36	0	DEN	250	48.8	17.4	0.0	0.0	0.0	58.3	0.2	1.7	0.0	0.0	3.2	0.0	0.0	2.8
5897	638831.95	4873896.98	329.36	0	DEN	500	54.2	17.4	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	6.1	0.0	0.0	7.8
5897	638831.95	4873896.98	329.36	0	DEN	1000	60.4	17.4	0.0	0.0	0.0	58.3	0.8	-1.5	0.0	0.0	6.8	0.0	0.0	13.4
5897	638831.95	4873896.98	329.36	0	DEN	2000	59.6	17.4	0.0	0.0	0.0	58.3	2.2	-1.5	0.0	0.0	7.2	0.0	0.0	10.8
5897	638831.95	4873896.98	329.36	0	DEN	4000	55.4	17.4	0.0	0.0	0.0	58.3	7.6	-1.5	0.0	0.0	7.9	0.0	0.0	0.5
5897	638831.95	4873896.98	329.36	0	DEN	8000	52.3	17.4	0.0	0.0	0.0	58.3	27.1	-1.5	0.0	0.0	9.1	0.0	0.0	-23.3
5904	638881.00	4873897.85	328.82	0	DEN	32	29.0	17.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-15.3
5904	638881.00	4873897.85	328.82	0	DEN	63	37.2	17.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-7.1
5904	638881.00	4873897.85	328.82	0	DEN	125	43.3	17.4	0.0	0.0	0.0	56.9	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-1.1
5904	638881.00	4873897.85	328.82	0	DEN	250	48.8	17.4	0.0	0.0	0.0	56.9	0.2	1.9	0.0	0.0	3.1	0.0	0.0	4.2
5904	638881.00	4873897.85	328.82	0	DEN	500	54.2	17.4	0.0	0.0	0.0	56.9	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	9.2
5904	638881.00	4873897.85	328.82	0	DEN	1000	60.4	17.4	0.0	0.0	0.0	56.9	0.7	-1.3	0.0	0.0	6.9	0.0	0.0	14.7
5904	638881.00	4873897.85	328.82	0	DEN	2000	59.6	17.4	0.0	0.0	0.0	56.9	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	12.0
5904	638881.00	4873897.85	328.82	0	DEN	4000	55.4	17.4	0.0	0.0	0.0	56.9	6.4	-1.3	0.0	0.0	8.6	0.0	0.0	2.2
5904	638881.00	4873897.85	328.82	0	DEN	8000	52.3	17.4	0.0	0.0	0.0	56.9	22.9	-1.3	0.0	0.0	10.2	0.0	0.0	-19.0
5913	638948.09	4873845.26	327.14	0	DEN	32	29.0	10.9	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-17.4
5913	638948.09	4873845.26	327.14	0	DEN	63	37.2	10.9	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-9.7
5913	638948.09	4873845.26	327.14	0	DEN	125	43.3	10.9	0.0	0.0	0.0	52.1	0.0	1.3	0.0	0.0	5.3	0.0	0.0	-4.4
5913	638948.09	4873845.26	327.14	0	DEN	250	48.8	10.9	0.0	0.0	0.0	52.1	0.1	1.9	0.0	0.0	5.9	0.0	0.0	-0.2
5913	638948.09	4873845.26	327.14	0	DEN	500	54.2	10.9	0.0	0.0	0.0	52.1	0.2	-0.9	0.0	0.0	10.4	0.0	0.0	3.3
5913	638948.09	4873845.26	327.14	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	52.1	0.4	-1.2	0.0	0.0	12.9	0.0	0.0	7.1
5913	638948.09	4873845.26	327.14	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	52.1	1.1	-1.2	0.0	0.0	15.5	0.0	0.0	3.1
5913	638948.09	4873845.26	327.14	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	52.1	3.7	-1.2	0.0	0.0	18.3	0.0	0.0	-6.5
5913	638948.09	4873845.26	327.14	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	52.1	13.2	-1.2	0.0	0.0	21.1	0.0	0.0	-22.0
5920	638940.06	4873871.40	327.66	0	DEN	32	29.0	10.9	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5920	638940.06	4873871.40	327.66	0	DEN	63	37.2	10.9	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-11.0
5920	638940.06	4873871.40	327.66	0	DEN	125	43.3	10.9	0.0	0.0	0.0	53.9	0.1	1.4	0.0	0.0	4.3	0.0	0.0	-5.5
5920	638940.06	4873871.40	327.66	0	DEN	250	48.8	10.9	0.0	0.0	0.0	53.9	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-0.9
5920	638940.06	4873871.40	327.66	0	DEN	500	54.2	10.9	0.0	0.0	0.0	53.9	0.3	-0.9	0.0	0.0	8.7	0.0	0.0	3.2
5920	638940.06	4873871.40	327.66	0	DEN	1000	60.4	10.9	0.0	0.0	0.0	53.9	0.5	-1.2	0.0	0.0	10.8	0.0	0.0	7.3
5920	638940.06	4873871.40	327.66	0	DEN	2000	59.6	10.9	0.0	0.0	0.0	53.9	1.3	-1.2	0.0	0.0	13.0	0.0	0.0	3.5
5920	638940.06	4873871.40	327.66	0	DEN	4000	55.4	10.9	0.0	0.0	0.0	53.9	4.6	-1.2	0.0	0.0	15.6	0.0	0.0	-6.5
5920	638940.06	4873871.40	327.66	0	DEN	8000	52.3	10.9	0.0	0.0	0.0	53.9	16.3	-1.2	0.0	0.0	18.4	0.0	0.0	-24.1
5926	638952.75	4873828.76	326.83	0	DEN	32	29.0	13.9	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-13.3
5926	638952.75	4873828.76	326.83	0	DEN	63	37.2	13.9	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-5.8
5926	638952.75	4873828.76	326.83	0	DEN	125	43.3	13.9	0.0	0.0	0.0	50.7	0.0	1.3	0.0	0.0	5.8	0.0	0.0	-0.7
5926	638952.75	4873828.76	326.83	0	DEN	250	48.8	13.9	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	6.5	0.0	0.0	3.2
5926	638952.75	4873828.76	326.83	0	DEN	500	54.2	13.9	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	11.4	0.0	0.0	6.5
5926	638952.75	4873828.76	326.83	0	DEN	1000	60.4	13.9	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	14.2	0.0	0.0	10.1
5926	638952.75	4873828.76	326.83	0	DEN	2000	59.6	13.9	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	16.9	0.0	0.0	6.1
5926	638952.75	4873828.76	326.83	0	DEN	4000	55.4	13.9	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	19.7	0.0	0.0	-3.2
5926	638952.75	4873828.76	326.83	0	DEN	8000	52.3	13.9	0.0	0.0	0.0	50.7	11.4	-1.1	0.0	0.0	21.1	0.0	0.0	-15.9
5933	638933.02	4873894.87	328.13	1	DEN	1000	60.4	-6.3	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-13.5
5933	638933.02	4873894.87	328.13	1	DEN	2000	59.6	-6.3	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-17.7
5933	638933.02	4873894.87	328.13	1	DEN	4000	55.4	-6.3	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.8	0.0	1.0	-28.6
5933	638933.02	4873894.87	328.13	1	DEN	8000	52.3	-6.3	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.5	0.0	1.0	-49.7
5944	638886.07	4873916.38	328.75	0	DEN	32	29.0	23.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-9.5
5944	638886.07	4873916.38	328.75	0	DEN	63	37.2	23.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-1.4
5944	638886.07	4873916.38	328.75	0	DEN	125	43.3	23.6	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	0.0	4.6
5944	638886.07	4873916.38	328.75	0	DEN	250	48.8	23.6	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.0	0.0	0.0	9.9
5944	638886.07	4873916.38	328.75	0	DEN	500	54.2	23.6	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.0	0.0	0.0	15.0
5944	638886.07	4873916.38	328.75	0	DEN	1000	60.4	23.6	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	6.7	0.0	0.0	20.5
5944	638886.07	4873916.38	328.75	0	DEN	2000	59.6	23.6	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	7.4	0.0	0.0	17.8
5944	638886.07	4873916.38	328.75	0	DEN	4000	55.4	23.6	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	8.3	0.0	0.0	7.9
5944	638886.07	4873916.38	328.75	0	DEN	8000	52.3	23.6	0.0	0.0	0.0	57.3	24.2	-1.3	0.0	0.0	9.8	0.0	0.0	-14.2
5954	638888.32	4873914.43	328.71	1	DEN	8000	52.3	18.4	0.0	0.0	0.0	58.0	26.1	-1.2	0.0	0.0	14.2	0.0	1.0	-27.4
5964	638858.96	4873907.76	327.99	0	DEN	32	29.0	23.5	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-10.1
5964	638858.96	4873907.76	327.99	0	DEN	63	37.2	23.5	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	8.0	0.0	0.0	-1.9
5964	638858.96	4873907.76	327.99	0	DEN	125	43.3	23.5	0.0	0.0	0.0	57.8	0.1	1.3	0.0	0.0	3.6	0.0	0.0	4.0
5964	638858.96	4873907.76	327.99	0	DEN	250	48.8	23.5	0.0	0.0	0.0	57.8	0.2	1.9	0.0	0.0	3.1	0.0	0.0	9.3
5964	638858.96	4873907.76	327.99	0	DEN	500	54.2	23.5	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	14.3
5964	638858.96	4873907.76	327.99	0	DEN	1000	60.4	23.5	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	19.7
5964	638858.96	4873907.76	327.99	0	DEN	2000	59.6	23.5	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.8	0.0	0.0	16.8
5964	638858.96	4873907.76	327.99	0	DEN	4000	55.4	23.5	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	8.9	0.0	0.0	6.4
5964	638858.96	4873907.76	327.99	0	DEN	8000	52.3	23.5	0.0	0.0	0.0	57.8	25.6	-1.4	0.0	0.0	10.6	0.0	0.0	-16.8
6072	638685.15	4873584.70	326.34	0	DEN	32	29.0	29.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-9.1
6072	638685.15	4873584.70	326.34	0	DEN	63	37.2	29.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-1.0
6072	638685.15	4873584.70	326.34	0	DEN	125	43.3	29.1	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	5.0
6072	638685.15	4873584.70	326.34	0	DEN	250	48.8	29.1	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	10.2
6072	638685.15	4873584.70	326.34	0	DEN	500	54.2	29.1	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	15.1
6072	638685.15	4873584.70	326.34	0	DEN	1000	60.4	29.1	0.0	0.0	0.0	62.3	1.4	-2.0	0.0	0.0	7.4	0.0	0.0	20.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6072	638685.15	4873584.70	326.34	0	DEN	2000	59.6	29.1	0.0	0.0	0.0	62.3	3.6	-2.0	0.0	0.0	7.8	0.0	0.0	16.9
6072	638685.15	4873584.70	326.34	0	DEN	4000	55.4	29.1	0.0	0.0	0.0	62.3	12.1	-2.0	0.0	0.0	8.7	0.0	0.0	3.4
6072	638685.15	4873584.70	326.34	0	DEN	8000	52.3	29.1	0.0	0.0	0.0	62.3	43.2	-2.0	0.0	0.0	10.0	0.0	0.0	-32.1
6083	638897.24	4873916.60	328.73	0	DEN	32	29.0	23.3	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-9.6
6083	638897.24	4873916.60	328.73	0	DEN	63	37.2	23.3	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-1.5
6083	638897.24	4873916.60	328.73	0	DEN	125	43.3	23.3	0.0	0.0	0.0	57.0	0.1	1.5	0.0	0.0	3.4	0.0	0.0	4.5
6083	638897.24	4873916.60	328.73	0	DEN	250	48.8	23.3	0.0	0.0	0.0	57.0	0.2	2.0	0.0	0.0	3.0	0.0	0.0	9.8
6083	638897.24	4873916.60	328.73	0	DEN	500	54.2	23.3	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	14.8
6083	638897.24	4873916.60	328.73	0	DEN	1000	60.4	23.3	0.0	0.0	0.0	57.0	0.7	-1.3	0.0	0.0	6.9	0.0	0.0	20.3
6083	638897.24	4873916.60	328.73	0	DEN	2000	59.6	23.3	0.0	0.0	0.0	57.0	1.9	-1.3	0.0	0.0	7.6	0.0	0.0	17.6
6083	638897.24	4873916.60	328.73	0	DEN	4000	55.4	23.3	0.0	0.0	0.0	57.0	6.6	-1.3	0.0	0.0	8.7	0.0	0.0	7.6
6083	638897.24	4873916.60	328.73	0	DEN	8000	52.3	23.3	0.0	0.0	0.0	57.0	23.5	-1.3	0.0	0.0	10.3	0.0	0.0	-14.0
6093	638902.92	4873911.41	328.59	1	DEN	4000	55.4	15.6	0.0	0.0	0.0	57.4	6.8	-1.1	0.0	0.0	13.5	0.0	1.0	-6.6
6093	638902.92	4873911.41	328.59	1	DEN	8000	52.3	15.6	0.0	0.0	0.0	57.4	24.4	-1.1	0.0	0.0	16.1	0.0	1.0	-29.9
6104	638970.02	4873726.62	325.28	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.9
6104	638970.02	4873726.62	325.28	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-15.9
6104	638970.02	4873726.62	325.28	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	45.2	0.0	1.0	0.0	0.0	8.3	0.0	0.0	-11.5
6104	638970.02	4873726.62	325.28	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	45.2	0.1	1.8	0.0	0.0	9.7	0.0	0.0	-8.2
6104	638970.02	4873726.62	325.28	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-5.4
6104	638970.02	4873726.62	325.28	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	45.2	0.2	-0.9	0.0	0.0	17.7	0.0	0.0	-2.0
6104	638970.02	4873726.62	325.28	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	45.2	0.5	-0.9	0.0	0.0	20.6	0.0	0.0	-6.0
6104	638970.02	4873726.62	325.28	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	45.2	1.7	-0.9	0.0	0.0	20.9	0.0	0.0	-11.7
6104	638970.02	4873726.62	325.28	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	45.2	6.0	-0.9	0.0	0.0	20.9	0.0	0.0	-19.2
6111	638979.47	4873684.17	324.56	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-25.9
6111	638979.47	4873684.17	324.56	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-18.6
6111	638979.47	4873684.17	324.56	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	48.7	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-13.9
6111	638979.47	4873684.17	324.56	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	48.7	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-10.4
6111	638979.47	4873684.17	324.56	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	12.9	0.0	0.0	-7.3
6111	638979.47	4873684.17	324.56	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	-3.9
6111	638979.47	4873684.17	324.56	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	18.8	0.0	0.0	-8.0
6111	638979.47	4873684.17	324.56	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.2
6111	638979.47	4873684.17	324.56	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	48.7	9.0	-1.0	0.0	0.0	21.0	0.0	0.0	-25.7
6119	638962.81	4873759.10	325.83	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-22.6
6119	638962.81	4873759.10	325.83	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-15.5
6119	638962.81	4873759.10	325.83	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-11.0
6119	638962.81	4873759.10	325.83	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	45.2	0.1	1.7	0.0	0.0	9.1	0.0	0.0	-7.5
6119	638962.81	4873759.10	325.83	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	13.9	0.0	0.0	-4.6
6119	638962.81	4873759.10	325.83	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-1.2
6119	638962.81	4873759.10	325.83	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	19.7	0.0	0.0	-5.1
6119	638962.81	4873759.10	325.83	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-11.8
6119	638962.81	4873759.10	325.83	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-19.2
6130	638967.59	4873737.62	325.47	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-22.6
6130	638967.59	4873737.62	325.47	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-15.7
6130	638967.59	4873737.62	325.47	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-11.3
6130	638967.59	4873737.62	325.47	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-8.1
6130	638967.59	4873737.62	325.47	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-5.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6130	638967.59	4873737.62	325.47	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-1.9
6130	638967.59	4873737.62	325.47	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-5.9
6130	638967.59	4873737.62	325.47	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-11.2
6130	638967.59	4873737.62	325.47	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.4
6140	638958.12	4873780.19	326.19	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-23.9
6140	638958.12	4873780.19	326.19	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-16.5
6140	638958.12	4873780.19	326.19	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	46.8	0.0	1.0	0.0	0.0	6.9	0.0	0.0	-11.7
6140	638958.12	4873780.19	326.19	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	46.8	0.1	1.8	0.0	0.0	7.8	0.0	0.0	-8.0
6140	638958.12	4873780.19	326.19	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	46.8	0.1	-0.7	0.0	0.0	12.6	0.0	0.0	-4.9
6140	638958.12	4873780.19	326.19	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	46.8	0.2	-1.1	0.0	0.0	15.5	0.0	0.0	-1.4
6140	638958.12	4873780.19	326.19	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	46.8	0.6	-1.1	0.0	0.0	18.3	0.0	0.0	-5.3
6140	638958.12	4873780.19	326.19	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	46.8	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	-13.7
6140	638958.12	4873780.19	326.19	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	46.8	7.2	-1.1	0.0	0.0	21.1	0.0	0.0	-22.0
6149	638953.30	4873801.94	326.56	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-25.6
6149	638953.30	4873801.94	326.56	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-18.0
6149	638953.30	4873801.94	326.56	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	48.8	0.0	1.2	0.0	0.0	6.0	0.0	0.0	-12.9
6149	638953.30	4873801.94	326.56	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	48.8	0.1	2.1	0.0	0.0	6.5	0.0	0.0	-9.0
6149	638953.30	4873801.94	326.56	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	48.8	0.1	-0.7	0.0	0.0	11.3	0.0	0.0	-5.7
6149	638953.30	4873801.94	326.56	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	48.8	0.3	-1.1	0.0	0.0	14.2	0.0	0.0	-2.1
6149	638953.30	4873801.94	326.56	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	48.8	0.8	-1.1	0.0	0.0	16.8	0.0	0.0	-6.0
6149	638953.30	4873801.94	326.56	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	48.8	2.5	-1.1	0.0	0.0	19.7	0.0	0.0	-14.8
6149	638953.30	4873801.94	326.56	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	48.8	9.1	-1.1	0.0	0.0	21.1	0.0	0.0	-25.9
6158	638950.84	4873813.07	326.75	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-26.4
6158	638950.84	4873813.07	326.75	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-18.8
6158	638950.84	4873813.07	326.75	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	49.8	0.0	1.3	0.0	0.0	5.5	0.0	0.0	-13.6
6158	638950.84	4873813.07	326.75	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	49.8	0.1	2.3	0.0	0.0	5.9	0.0	0.0	-9.5
6158	638950.84	4873813.07	326.75	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	49.8	0.2	-0.6	0.0	0.0	10.7	0.0	0.0	-6.1
6158	638950.84	4873813.07	326.75	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	49.8	0.3	-1.0	0.0	0.0	13.4	0.0	0.0	-2.3
6158	638950.84	4873813.07	326.75	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	49.8	0.8	-1.1	0.0	0.0	16.0	0.0	0.0	-6.3
6158	638950.84	4873813.07	326.75	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	49.8	2.8	-1.1	0.0	0.0	18.8	0.0	0.0	-15.3
6158	638950.84	4873813.07	326.75	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	49.8	10.1	-1.1	0.0	0.0	21.1	0.0	0.0	-27.9
6168	638941.30	4873856.03	327.48	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-29.3
6168	638941.30	4873856.03	327.48	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-21.4
6168	638941.30	4873856.03	327.48	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	53.0	0.1	1.2	0.0	0.0	4.6	0.0	0.0	-15.8
6168	638941.30	4873856.03	327.48	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	53.0	0.1	1.8	0.0	0.0	4.9	0.0	0.0	-11.3
6168	638941.30	4873856.03	327.48	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	8.9	0.0	0.0	-7.3
6168	638941.30	4873856.03	327.48	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	53.0	0.5	-1.3	0.0	0.0	11.1	0.0	0.0	-3.2
6168	638941.30	4873856.03	327.48	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	53.0	1.2	-1.3	0.0	0.0	13.4	0.0	0.0	-7.0
6168	638941.30	4873856.03	327.48	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	53.0	4.1	-1.3	0.0	0.0	16.0	0.0	0.0	-16.7
6168	638941.30	4873856.03	327.48	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	53.0	14.7	-1.3	0.0	0.0	18.7	0.0	0.0	-33.1
6176	638986.93	4873650.26	323.98	0	DEN	32	29.0	2.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-25.4
6176	638986.93	4873650.26	323.98	0	DEN	63	37.2	2.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-17.9
6176	638986.93	4873650.26	323.98	0	DEN	125	43.3	2.7	0.0	0.0	0.0	51.5	0.0	1.5	0.0	0.0	5.9	0.0	0.0	-12.9
6176	638986.93	4873650.26	323.98	0	DEN	250	48.8	2.7	0.0	0.0	0.0	51.5	0.1	2.2	0.0	0.0	6.8	0.0	0.0	-9.1
6176	638986.93	4873650.26	323.98	0	DEN	500	54.2	2.7	0.0	0.0	0.0	51.5	0.2	-0.7	0.0	0.0	11.8	0.0	0.0	-5.9
6176	638986.93	4873650.26	323.98	0	DEN	1000	60.4	2.7	0.0	0.0	0.0	51.5	0.4	-1.1	0.0	0.0	14.7	0.0	0.0	-2.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6176	638986.93	4873650.26	323.98	0	DEN	2000	59.6	2.7	0.0	0.0	0.0	51.5	1.0	-1.1	0.0	0.0	17.4	0.0	0.0	-6.5
6176	638986.93	4873650.26	323.98	0	DEN	4000	55.4	2.7	0.0	0.0	0.0	51.5	3.5	-1.1	0.0	0.0	20.2	0.0	0.0	-16.0
6176	638986.93	4873650.26	323.98	0	DEN	8000	52.3	2.7	0.0	0.0	0.0	51.5	12.4	-1.1	0.0	0.0	21.1	0.0	0.0	-29.0
6185	638984.43	4873661.65	324.18	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-27.7
6185	638984.43	4873661.65	324.18	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-20.2
6185	638984.43	4873661.65	324.18	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	50.7	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-15.4
6185	638984.43	4873661.65	324.18	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-11.7
6185	638984.43	4873661.65	324.18	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	12.4	0.0	0.0	-8.5
6185	638984.43	4873661.65	324.18	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-5.0
6185	638984.43	4873661.65	324.18	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	18.0	0.0	0.0	-9.2
6185	638984.43	4873661.65	324.18	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	20.9	0.0	0.0	-18.5
6185	638984.43	4873661.65	324.18	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	50.7	11.2	-1.1	0.0	0.0	21.1	0.0	0.0	-29.9
6194	638979.80	4873682.35	324.53	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-26.1
6194	638979.80	4873682.35	324.53	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-18.8
6194	638979.80	4873682.35	324.53	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	48.9	0.0	1.4	0.0	0.0	6.7	0.0	0.0	-14.0
6194	638979.80	4873682.35	324.53	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	48.9	0.1	2.4	0.0	0.0	7.6	0.0	0.0	-10.5
6194	638979.80	4873682.35	324.53	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	48.9	0.2	-0.5	0.0	0.0	12.8	0.0	0.0	-7.4
6194	638979.80	4873682.35	324.53	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	48.9	0.3	-1.0	0.0	0.0	15.8	0.0	0.0	-4.0
6194	638979.80	4873682.35	324.53	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	48.9	0.8	-1.0	0.0	0.0	18.6	0.0	0.0	-8.0
6194	638979.80	4873682.35	324.53	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	48.9	2.6	-1.0	0.0	0.0	21.0	0.0	0.0	-16.4
6194	638979.80	4873682.35	324.53	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	48.9	9.2	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
6204	638981.97	4873672.78	324.36	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-26.8
6204	638981.97	4873672.78	324.36	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-19.5
6204	638981.97	4873672.78	324.36	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	49.7	0.0	1.5	0.0	0.0	6.4	0.0	0.0	-14.7
6204	638981.97	4873672.78	324.36	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	49.7	0.1	2.5	0.0	0.0	7.3	0.0	0.0	-11.0
6204	638981.97	4873672.78	324.36	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	49.7	0.2	-0.5	0.0	0.0	12.5	0.0	0.0	-8.0
6204	638981.97	4873672.78	324.36	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	49.7	0.3	-1.0	0.0	0.0	15.5	0.0	0.0	-4.5
6204	638981.97	4873672.78	324.36	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	49.7	0.8	-1.0	0.0	0.0	18.3	0.0	0.0	-8.6
6204	638981.97	4873672.78	324.36	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	49.7	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-17.5
6204	638981.97	4873672.78	324.36	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	49.7	10.1	-1.0	0.0	0.0	21.0	0.0	0.0	-27.8
6213	638977.25	4873694.00	324.73	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	47.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-25.1
6213	638977.25	4873694.00	324.73	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	47.9	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-17.9
6213	638977.25	4873694.00	324.73	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	47.9	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-13.2
6213	638977.25	4873694.00	324.73	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	47.9	0.1	2.0	0.0	0.0	8.4	0.0	0.0	-9.7
6213	638977.25	4873694.00	324.73	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	47.9	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-6.8
6213	638977.25	4873694.00	324.73	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	47.9	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-3.3
6213	638977.25	4873694.00	324.73	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	47.9	0.7	-1.1	0.0	0.0	19.2	0.0	0.0	-7.4
6213	638977.25	4873694.00	324.73	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	47.9	2.3	-1.1	0.0	0.0	21.1	0.0	0.0	-15.0
6213	638977.25	4873694.00	324.73	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	47.9	8.1	-1.1	0.0	0.0	21.1	0.0	0.0	-24.0
6222	638972.57	4873714.97	325.08	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-23.5
6222	638972.57	4873714.97	325.08	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-16.3
6222	638972.57	4873714.97	325.08	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	7.8	0.0	0.0	-11.8
6222	638972.57	4873714.97	325.08	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	46.0	0.1	1.8	0.0	0.0	9.0	0.0	0.0	-8.4
6222	638972.57	4873714.97	325.08	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-5.4
6222	638972.57	4873714.97	325.08	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-2.0
6222	638972.57	4873714.97	325.08	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	19.8	0.0	0.0	-6.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6222	638972.57	4873714.97	325.08	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-12.7
6222	638972.57	4873714.97	325.08	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	46.0	6.6	-1.0	0.0	0.0	21.0	0.0	0.0	-20.6
6231	638967.75	4873736.71	325.45	0	DEN	32	29.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-22.6
6231	638967.75	4873736.71	325.45	0	DEN	63	37.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-15.7
6231	638967.75	4873736.71	325.45	0	DEN	125	43.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-11.4
6231	638967.75	4873736.71	325.45	0	DEN	250	48.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-8.1
6231	638967.75	4873736.71	325.45	0	DEN	500	54.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-5.3
6231	638967.75	4873736.71	325.45	0	DEN	1000	60.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-2.0
6231	638967.75	4873736.71	325.45	0	DEN	2000	59.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-5.9
6231	638967.75	4873736.71	325.45	0	DEN	4000	55.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-11.3
6231	638967.75	4873736.71	325.45	0	DEN	8000	52.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.5
6240	638932.74	4873894.61	328.13	1	DEN	1000	60.4	-20.8	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-28.0
6240	638932.74	4873894.61	328.13	1	DEN	2000	59.6	-20.8	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-32.1
6240	638932.74	4873894.61	328.13	1	DEN	4000	55.4	-20.8	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-43.1
6240	638932.74	4873894.61	328.13	1	DEN	8000	52.3	-20.8	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-64.2
6258	638796.89	4873893.19	329.92	0	DEN	32	29.0	19.4	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.3	0.0	0.0	-15.7
6258	638796.89	4873893.19	329.92	0	DEN	63	37.2	19.4	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-7.5
6258	638796.89	4873893.19	329.92	0	DEN	125	43.3	19.4	0.0	0.0	0.0	59.2	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-1.5
6258	638796.89	4873893.19	329.92	0	DEN	250	48.8	19.4	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	0.0	3.8
6258	638796.89	4873893.19	329.92	0	DEN	500	54.2	19.4	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	8.9
6258	638796.89	4873893.19	329.92	0	DEN	1000	60.4	19.4	0.0	0.0	0.0	59.2	0.9	-1.6	0.0	0.0	6.7	0.0	0.0	14.5
6258	638796.89	4873893.19	329.92	0	DEN	2000	59.6	19.4	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.1	0.0	0.0	11.8
6258	638796.89	4873893.19	329.92	0	DEN	4000	55.4	19.4	0.0	0.0	0.0	59.2	8.5	-1.7	0.0	0.0	7.6	0.0	0.0	1.1
6258	638796.89	4873893.19	329.92	0	DEN	8000	52.3	19.4	0.0	0.0	0.0	59.2	30.2	-1.7	0.0	0.0	8.6	0.0	0.0	-24.6
6266	638825.68	4873894.98	329.58	0	DEN	32	29.0	16.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-17.9
6266	638825.68	4873894.98	329.58	0	DEN	63	37.2	16.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-9.7
6266	638825.68	4873894.98	329.58	0	DEN	125	43.3	16.4	0.0	0.0	0.0	58.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-3.7
6266	638825.68	4873894.98	329.58	0	DEN	250	48.8	16.4	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.2	0.0	0.0	1.6
6266	638825.68	4873894.98	329.58	0	DEN	500	54.2	16.4	0.0	0.0	0.0	58.4	0.5	-1.1	0.0	0.0	6.1	0.0	0.0	6.7
6266	638825.68	4873894.98	329.58	0	DEN	1000	60.4	16.4	0.0	0.0	0.0	58.4	0.9	-1.5	0.0	0.0	6.7	0.0	0.0	12.3
6266	638825.68	4873894.98	329.58	0	DEN	2000	59.6	16.4	0.0	0.0	0.0	58.4	2.3	-1.5	0.0	0.0	7.1	0.0	0.0	9.7
6266	638825.68	4873894.98	329.58	0	DEN	4000	55.4	16.4	0.0	0.0	0.0	58.4	7.7	-1.5	0.0	0.0	7.8	0.0	0.0	-0.7
6266	638825.68	4873894.98	329.58	0	DEN	8000	52.3	16.4	0.0	0.0	0.0	58.4	27.5	-1.5	0.0	0.0	8.9	0.0	0.0	-24.7
6275	638878.04	4873896.91	328.90	0	DEN	32	29.0	16.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-16.4
6275	638878.04	4873896.91	328.90	0	DEN	63	37.2	16.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-8.2
6275	638878.04	4873896.91	328.90	0	DEN	125	43.3	16.4	0.0	0.0	0.0	56.9	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-2.2
6275	638878.04	4873896.91	328.90	0	DEN	250	48.8	16.4	0.0	0.0	0.0	56.9	0.2	1.9	0.0	0.0	3.1	0.0	0.0	3.1
6275	638878.04	4873896.91	328.90	0	DEN	500	54.2	16.4	0.0	0.0	0.0	56.9	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	8.1
6275	638878.04	4873896.91	328.90	0	DEN	1000	60.4	16.4	0.0	0.0	0.0	56.9	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	13.6
6275	638878.04	4873896.91	328.90	0	DEN	2000	59.6	16.4	0.0	0.0	0.0	56.9	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	11.0
6275	638878.04	4873896.91	328.90	0	DEN	4000	55.4	16.4	0.0	0.0	0.0	56.9	6.5	-1.3	0.0	0.0	8.5	0.0	0.0	1.2
6275	638878.04	4873896.91	328.90	0	DEN	8000	52.3	16.4	0.0	0.0	0.0	56.9	23.1	-1.3	0.0	0.0	10.1	0.0	0.0	-20.1
6286	638971.91	4873713.22	324.69	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-24.9
6286	638971.91	4873713.22	324.69	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-17.8
6286	638971.91	4873713.22	324.69	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	46.3	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-13.3
6286	638971.91	4873713.22	324.69	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	46.3	0.1	1.9	0.0	0.0	9.1	0.0	0.0	-9.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6286	638971.91	4873713.22	324.69	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	46.3	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-7.0
6286	638971.91	4873713.22	324.69	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	46.3	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-3.6
6286	638971.91	4873713.22	324.69	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	46.3	0.6	-1.0	0.0	0.0	19.9	0.0	0.0	-7.6
6286	638971.91	4873713.22	324.69	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	46.3	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-14.2
6286	638971.91	4873713.22	324.69	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	46.3	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-22.1
6294	638968.42	4873729.39	325.00	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-24.1
6294	638968.42	4873729.39	325.00	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-17.2
6294	638968.42	4873729.39	325.00	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	8.6	0.0	0.0	-12.9
6294	638968.42	4873729.39	325.00	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	45.2	0.1	1.8	0.0	0.0	10.0	0.0	0.0	-9.6
6294	638968.42	4873729.39	325.00	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-6.8
6294	638968.42	4873729.39	325.00	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-3.5
6294	638968.42	4873729.39	325.00	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.5
6294	638968.42	4873729.39	325.00	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-12.9
6294	638968.42	4873729.39	325.00	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-20.3
6303	638966.67	4873737.49	325.16	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.9
6303	638966.67	4873737.49	325.16	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-17.0
6303	638966.67	4873737.49	325.16	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-12.7
6303	638966.67	4873737.49	325.16	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-9.5
6303	638966.67	4873737.49	325.16	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-6.7
6303	638966.67	4873737.49	325.16	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-3.3
6303	638966.67	4873737.49	325.16	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-7.2
6303	638966.67	4873737.49	325.16	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-12.5
6303	638966.67	4873737.49	325.16	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-19.8
6310	638959.67	4873769.84	325.76	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-24.4
6310	638959.67	4873769.84	325.76	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-17.2
6310	638959.67	4873769.84	325.76	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.5	0.0	0.0	-12.5
6310	638959.67	4873769.84	325.76	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.6	0.0	0.0	-9.0
6310	638959.67	4873769.84	325.76	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-6.0
6310	638959.67	4873769.84	325.76	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	-2.5
6310	638959.67	4873769.84	325.76	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.2	0.0	0.0	-6.5
6310	638959.67	4873769.84	325.76	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-13.9
6310	638959.67	4873769.84	325.76	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.8
6318	638963.18	4873753.67	325.47	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-23.8
6318	638963.18	4873753.67	325.47	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-16.8
6318	638963.18	4873753.67	325.47	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.2	0.0	0.0	-12.3
6318	638963.18	4873753.67	325.47	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-9.0
6318	638963.18	4873753.67	325.47	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	14.4	0.0	0.0	-6.1
6318	638963.18	4873753.67	325.47	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	-2.7
6318	638963.18	4873753.67	325.47	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.3	0.0	0.0	-6.7
6318	638963.18	4873753.67	325.47	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-12.7
6318	638963.18	4873753.67	325.47	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
6327	638956.18	4873786.02	326.08	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-25.6
6327	638956.18	4873786.02	326.08	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-18.2
6327	638956.18	4873786.02	326.08	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-13.3
6327	638956.18	4873786.02	326.08	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-9.6
6327	638956.18	4873786.02	326.08	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.4	0.0	0.0	-6.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6327	638956.18	4873786.02	326.08	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.3	0.0	0.0	-3.0
6327	638956.18	4873786.02	326.08	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.1	0.0	0.0	-6.9
6327	638956.18	4873786.02	326.08	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.9	0.0	0.0	-15.5
6327	638956.18	4873786.02	326.08	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
6336	638949.19	4873818.37	326.68	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-28.0
6336	638949.19	4873818.37	326.68	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-20.3
6336	638949.19	4873818.37	326.68	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-15.1
6336	638949.19	4873818.37	326.68	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	5.9	0.0	0.0	-11.0
6336	638949.19	4873818.37	326.68	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	10.6	0.0	0.0	-7.5
6336	638949.19	4873818.37	326.68	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	13.3	0.0	0.0	-3.8
6336	638949.19	4873818.37	326.68	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	15.9	0.0	0.0	-7.7
6336	638949.19	4873818.37	326.68	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	18.7	0.0	0.0	-16.8
6336	638949.19	4873818.37	326.68	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-30.1
6345	638942.20	4873850.73	327.30	0	DEN	32	29.0	-1.4	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-30.1
6345	638942.20	4873850.73	327.30	0	DEN	63	37.2	-1.4	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-22.3
6345	638942.20	4873850.73	327.30	0	DEN	125	43.3	-1.4	0.0	0.0	0.0	52.7	0.0	1.2	0.0	0.0	4.7	0.0	0.0	-16.7
6345	638942.20	4873850.73	327.30	0	DEN	250	48.8	-1.4	0.0	0.0	0.0	52.7	0.1	1.8	0.0	0.0	5.1	0.0	0.0	-12.2
6345	638942.20	4873850.73	327.30	0	DEN	500	54.2	-1.4	0.0	0.0	0.0	52.7	0.2	-0.9	0.0	0.0	9.2	0.0	0.0	-8.4
6345	638942.20	4873850.73	327.30	0	DEN	1000	60.4	-1.4	0.0	0.0	0.0	52.7	0.4	-1.3	0.0	0.0	11.4	0.0	0.0	-4.3
6345	638942.20	4873850.73	327.30	0	DEN	2000	59.6	-1.4	0.0	0.0	0.0	52.7	1.2	-1.3	0.0	0.0	13.8	0.0	0.0	-8.1
6345	638942.20	4873850.73	327.30	0	DEN	4000	55.4	-1.4	0.0	0.0	0.0	52.7	4.0	-1.3	0.0	0.0	16.4	0.0	0.0	-17.8
6345	638942.20	4873850.73	327.30	0	DEN	8000	52.3	-1.4	0.0	0.0	0.0	52.7	14.1	-1.3	0.0	0.0	19.2	0.0	0.0	-33.8
6355	638993.86	4873611.67	322.77	0	DEN	32	29.0	4.2	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-26.2
6355	638993.86	4873611.67	322.77	0	DEN	63	37.2	4.2	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-18.6
6355	638993.86	4873611.67	322.77	0	DEN	125	43.3	4.2	0.0	0.0	0.0	54.1	0.1	1.4	0.0	0.0	5.4	0.0	0.0	-13.5
6355	638993.86	4873611.67	322.77	0	DEN	250	48.8	4.2	0.0	0.0	0.0	54.1	0.1	2.0	0.0	0.0	6.3	0.0	0.0	-9.5
6355	638993.86	4873611.67	322.77	0	DEN	500	54.2	4.2	0.0	0.0	0.0	54.1	0.3	-0.9	0.0	0.0	11.0	0.0	0.0	-6.1
6355	638993.86	4873611.67	322.77	0	DEN	1000	60.4	4.2	0.0	0.0	0.0	54.1	0.5	-1.2	0.0	0.0	13.7	0.0	0.0	-2.5
6355	638993.86	4873611.67	322.77	0	DEN	2000	59.6	4.2	0.0	0.0	0.0	54.1	1.4	-1.2	0.0	0.0	16.3	0.0	0.0	-6.7
6355	638993.86	4873611.67	322.77	0	DEN	4000	55.4	4.2	0.0	0.0	0.0	54.1	4.7	-1.2	0.0	0.0	19.1	0.0	0.0	-17.1
6355	638993.86	4873611.67	322.77	0	DEN	8000	52.3	4.2	0.0	0.0	0.0	54.1	16.7	-1.2	0.0	0.0	21.2	0.0	0.0	-34.3
6364	638989.82	4873630.39	323.14	0	DEN	32	29.0	1.2	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-28.2
6364	638989.82	4873630.39	323.14	0	DEN	63	37.2	1.2	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-20.6
6364	638989.82	4873630.39	323.14	0	DEN	125	43.3	1.2	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.8	0.0	0.0	-15.6
6364	638989.82	4873630.39	323.14	0	DEN	250	48.8	1.2	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.7	0.0	0.0	-11.7
6364	638989.82	4873630.39	323.14	0	DEN	500	54.2	1.2	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.5	0.0	0.0	-8.4
6364	638989.82	4873630.39	323.14	0	DEN	1000	60.4	1.2	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.2	0.0	0.0	-4.8
6364	638989.82	4873630.39	323.14	0	DEN	2000	59.6	1.2	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.9	0.0	0.0	-9.0
6364	638989.82	4873630.39	323.14	0	DEN	4000	55.4	1.2	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.7	0.0	0.0	-18.9
6364	638989.82	4873630.39	323.14	0	DEN	8000	52.3	1.2	0.0	0.0	0.0	53.0	14.6	-1.2	0.0	0.0	21.2	0.0	0.0	-34.1
6373	638983.76	4873658.39	323.64	0	DEN	32	29.0	-1.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-29.5
6373	638983.76	4873658.39	323.64	0	DEN	63	37.2	-1.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-22.1
6373	638983.76	4873658.39	323.64	0	DEN	125	43.3	-1.8	0.0	0.0	0.0	51.0	0.0	1.3	0.0	0.0	6.5	0.0	0.0	-17.3
6373	638983.76	4873658.39	323.64	0	DEN	250	48.8	-1.8	0.0	0.0	0.0	51.0	0.1	2.0	0.0	0.0	7.5	0.0	0.0	-13.6
6373	638983.76	4873658.39	323.64	0	DEN	500	54.2	-1.8	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	12.5	0.0	0.0	-10.5
6373	638983.76	4873658.39	323.64	0	DEN	1000	60.4	-1.8	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	15.5	0.0	0.0	-7.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6373	638983.76	4873658.39	323.64	0	DEN	2000	59.6	-1.8	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	18.2	0.0	0.0	-11.2
6373	638983.76	4873658.39	323.64	0	DEN	4000	55.4	-1.8	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	21.1	0.0	0.0	-20.6
6373	638983.76	4873658.39	323.64	0	DEN	8000	52.3	-1.8	0.0	0.0	0.0	51.0	11.6	-1.2	0.0	0.0	21.2	0.0	0.0	-32.1
6383	638979.72	4873677.09	324.00	0	DEN	32	29.0	-1.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-28.1
6383	638979.72	4873677.09	324.00	0	DEN	63	37.2	-1.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-20.8
6383	638979.72	4873677.09	324.00	0	DEN	125	43.3	-1.8	0.0	0.0	0.0	49.4	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-16.1
6383	638979.72	4873677.09	324.00	0	DEN	250	48.8	-1.8	0.0	0.0	0.0	49.4	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-12.6
6383	638979.72	4873677.09	324.00	0	DEN	500	54.2	-1.8	0.0	0.0	0.0	49.4	0.2	-0.6	0.0	0.0	13.0	0.0	0.0	-9.6
6383	638979.72	4873677.09	324.00	0	DEN	1000	60.4	-1.8	0.0	0.0	0.0	49.4	0.3	-1.0	0.0	0.0	16.0	0.0	0.0	-6.1
6383	638979.72	4873677.09	324.00	0	DEN	2000	59.6	-1.8	0.0	0.0	0.0	49.4	0.8	-1.0	0.0	0.0	18.8	0.0	0.0	-10.2
6383	638979.72	4873677.09	324.00	0	DEN	4000	55.4	-1.8	0.0	0.0	0.0	49.4	2.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.6
6383	638979.72	4873677.09	324.00	0	DEN	8000	52.3	-1.8	0.0	0.0	0.0	49.4	9.8	-1.0	0.0	0.0	21.0	0.0	0.0	-28.7
6392	638975.69	4873695.79	324.38	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-25.6
6392	638975.69	4873695.79	324.38	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-18.4
6392	638975.69	4873695.79	324.38	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	47.8	0.0	1.1	0.0	0.0	7.4	0.0	0.0	-13.8
6392	638975.69	4873695.79	324.38	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	47.8	0.1	2.0	0.0	0.0	8.5	0.0	0.0	-10.3
6392	638975.69	4873695.79	324.38	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	47.8	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-7.4
6392	638975.69	4873695.79	324.38	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	16.6	0.0	0.0	-4.0
6392	638975.69	4873695.79	324.38	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	19.4	0.0	0.0	-8.0
6392	638975.69	4873695.79	324.38	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-15.4
6392	638975.69	4873695.79	324.38	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	47.8	8.1	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
6400	638979.72	4873677.11	324.03	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-27.1
6400	638979.72	4873677.11	324.03	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-19.8
6400	638979.72	4873677.11	324.03	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	49.4	0.0	1.4	0.0	0.0	6.7	0.0	0.0	-15.1
6400	638979.72	4873677.11	324.03	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	49.4	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-11.5
6400	638979.72	4873677.11	324.03	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	49.4	0.2	-0.6	0.0	0.0	12.9	0.0	0.0	-8.5
6400	638979.72	4873677.11	324.03	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	49.4	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	-5.1
6400	638979.72	4873677.11	324.03	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	49.4	0.8	-1.0	0.0	0.0	18.7	0.0	0.0	-9.2
6400	638979.72	4873677.11	324.03	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	49.4	2.7	-1.0	0.0	0.0	21.0	0.0	0.0	-17.5
6400	638979.72	4873677.11	324.03	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	49.4	9.8	-1.0	0.0	0.0	21.0	0.0	0.0	-27.6
6409	638981.74	4873667.77	323.85	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-27.8
6409	638981.74	4873667.77	323.85	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-20.5
6409	638981.74	4873667.77	323.85	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	50.2	0.0	1.4	0.0	0.0	6.6	0.0	0.0	-15.7
6409	638981.74	4873667.77	323.85	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	7.6	0.0	0.0	-12.1
6409	638981.74	4873667.77	323.85	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	12.7	0.0	0.0	-9.0
6409	638981.74	4873667.77	323.85	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	15.7	0.0	0.0	-5.5
6409	638981.74	4873667.77	323.85	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	18.5	0.0	0.0	-9.7
6409	638981.74	4873667.77	323.85	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-18.6
6409	638981.74	4873667.77	323.85	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	50.2	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-29.4
6419	638989.83	4873630.41	323.16	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-30.2
6419	638989.83	4873630.41	323.16	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-22.6
6419	638989.83	4873630.41	323.16	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.8	0.0	0.0	-17.5
6419	638989.83	4873630.41	323.16	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.7	0.0	0.0	-13.6
6419	638989.83	4873630.41	323.16	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.4	0.0	0.0	-10.3
6419	638989.83	4873630.41	323.16	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.2	0.0	0.0	-6.8
6419	638989.83	4873630.41	323.16	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.9	0.0	0.0	-11.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6419	638989.83	4873630.41	323.16	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.7	0.0	0.0	-20.9
6419	638989.83	4873630.41	323.16	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	53.0	14.6	-1.2	0.0	0.0	21.2	0.0	0.0	-36.0
6428	638997.98	4873592.59	322.41	0	DEN	32	29.0	-12.7	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-44.1
6428	638997.98	4873592.59	322.41	0	DEN	63	37.2	-12.7	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-36.4
6428	638997.98	4873592.59	322.41	0	DEN	125	43.3	-12.7	0.0	0.0	0.0	55.2	0.1	1.7	0.0	0.0	4.7	0.0	0.0	-31.1
6428	638997.98	4873592.59	322.41	0	DEN	250	48.8	-12.7	0.0	0.0	0.0	55.2	0.2	2.1	0.0	0.0	5.5	0.0	0.0	-26.9
6428	638997.98	4873592.59	322.41	0	DEN	500	54.2	-12.7	0.0	0.0	0.0	55.2	0.3	-0.8	0.0	0.0	10.1	0.0	0.0	-23.3
6428	638997.98	4873592.59	322.41	0	DEN	1000	60.4	-12.7	0.0	0.0	0.0	55.2	0.6	-1.2	0.0	0.0	12.6	0.0	0.0	-19.5
6428	638997.98	4873592.59	322.41	0	DEN	2000	59.6	-12.7	0.0	0.0	0.0	55.2	1.6	-1.2	0.0	0.0	15.2	0.0	0.0	-23.8
6428	638997.98	4873592.59	322.41	0	DEN	4000	55.4	-12.7	0.0	0.0	0.0	55.2	5.3	-1.2	0.0	0.0	17.9	0.0	0.0	-34.5
6428	638997.98	4873592.59	322.41	0	DEN	8000	52.3	-12.7	0.0	0.0	0.0	55.2	18.9	-1.2	0.0	0.0	20.8	0.0	0.0	-54.1
6438	638932.72	4873894.59	328.13	1	DEN	1000	60.4	-22.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-29.6
6438	638932.72	4873894.59	328.13	1	DEN	2000	59.6	-22.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-33.7
6438	638932.72	4873894.59	328.13	1	DEN	4000	55.4	-22.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-44.7
6438	638932.72	4873894.59	328.13	1	DEN	8000	52.3	-22.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-65.8
6460	638711.79	4873488.58	323.36	0	DEN	32	29.0	29.1	0.0	0.0	0.0	63.1	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-9.7
6460	638711.79	4873488.58	323.36	0	DEN	63	37.2	29.1	0.0	0.0	0.0	63.1	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-1.6
6460	638711.79	4873488.58	323.36	0	DEN	125	43.3	29.1	0.0	0.0	0.0	63.1	0.2	1.0	0.0	0.0	3.8	0.0	0.0	4.4
6460	638711.79	4873488.58	323.36	0	DEN	250	48.8	29.1	0.0	0.0	0.0	63.1	0.4	1.1	0.0	0.0	3.7	0.0	0.0	9.6
6460	638711.79	4873488.58	323.36	0	DEN	500	54.2	29.1	0.0	0.0	0.0	63.1	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	14.6
6460	638711.79	4873488.58	323.36	0	DEN	1000	60.4	29.1	0.0	0.0	0.0	63.1	1.5	-2.1	0.0	0.0	7.1	0.0	0.0	20.0
6460	638711.79	4873488.58	323.36	0	DEN	2000	59.6	29.1	0.0	0.0	0.0	63.1	3.9	-2.1	0.0	0.0	7.3	0.0	0.0	16.6
6460	638711.79	4873488.58	323.36	0	DEN	4000	55.4	29.1	0.0	0.0	0.0	63.1	13.2	-2.1	0.0	0.0	7.7	0.0	0.0	2.7
6460	638711.79	4873488.58	323.36	0	DEN	8000	52.3	29.1	0.0	0.0	0.0	63.1	46.9	-2.1	0.0	0.0	8.5	0.0	0.0	-34.9
6471	638943.84	4873868.28	327.49	0	DEN	32	29.0	18.3	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-11.2
6471	638943.84	4873868.28	327.49	0	DEN	63	37.2	18.3	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-3.5
6471	638943.84	4873868.28	327.49	0	DEN	125	43.3	18.3	0.0	0.0	0.0	53.6	0.1	1.4	0.0	0.0	4.7	0.0	0.0	1.9
6471	638943.84	4873868.28	327.49	0	DEN	250	48.8	18.3	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	5.2	0.0	0.0	6.2
6471	638943.84	4873868.28	327.49	0	DEN	500	54.2	18.3	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	9.6	0.0	0.0	10.0
6471	638943.84	4873868.28	327.49	0	DEN	1000	60.4	18.3	0.0	0.0	0.0	53.6	0.5	-1.2	0.0	0.0	11.9	0.0	0.0	13.9
6471	638943.84	4873868.28	327.49	0	DEN	2000	59.6	18.3	0.0	0.0	0.0	53.6	1.3	-1.2	0.0	0.0	14.4	0.0	0.0	9.9
6471	638943.84	4873868.28	327.49	0	DEN	4000	55.4	18.3	0.0	0.0	0.0	53.6	4.4	-1.2	0.0	0.0	17.1	0.0	0.0	-0.1
6471	638943.84	4873868.28	327.49	0	DEN	8000	52.3	18.3	0.0	0.0	0.0	53.6	15.7	-1.2	0.0	0.0	19.9	0.0	0.0	-17.4
6480	638933.33	4873895.16	328.12	1	DEN	1000	60.4	-0.4	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	11.0	0.0	1.0	-7.6
6480	638933.33	4873895.16	328.12	1	DEN	2000	59.6	-0.4	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.3	0.0	1.0	-11.8
6480	638933.33	4873895.16	328.12	1	DEN	4000	55.4	-0.4	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.9	0.0	1.0	-22.7
6480	638933.33	4873895.16	328.12	1	DEN	8000	52.3	-0.4	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.6	0.0	1.0	-43.8
6491	638791.15	4873891.36	329.92	0	DEN	32	29.0	18.4	0.0	0.0	0.0	59.4	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-16.8
6491	638791.15	4873891.36	329.92	0	DEN	63	37.2	18.4	0.0	0.0	0.0	59.4	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-8.6
6491	638791.15	4873891.36	329.92	0	DEN	125	43.3	18.4	0.0	0.0	0.0	59.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-2.6
6491	638791.15	4873891.36	329.92	0	DEN	250	48.8	18.4	0.0	0.0	0.0	59.4	0.3	1.6	0.0	0.0	3.3	0.0	0.0	2.7
6491	638791.15	4873891.36	329.92	0	DEN	500	54.2	18.4	0.0	0.0	0.0	59.4	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	7.8
6491	638791.15	4873891.36	329.92	0	DEN	1000	60.4	18.4	0.0	0.0	0.0	59.4	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	13.4
6491	638791.15	4873891.36	329.92	0	DEN	2000	59.6	18.4	0.0	0.0	0.0	59.4	2.5	-1.7	0.0	0.0	7.1	0.0	0.0	10.7
6491	638791.15	4873891.36	329.92	0	DEN	4000	55.4	18.4	0.0	0.0	0.0	59.4	8.6	-1.7	0.0	0.0	7.6	0.0	0.0	-0.1
6491	638791.15	4873891.36	329.92	0	DEN	8000	52.3	18.4	0.0	0.0	0.0	59.4	30.6	-1.7	0.0	0.0	8.6	0.0	0.0	-26.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6499	638820.72	4873893.40	329.58	0	DEN	32	29.0	15.4	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.1	0.0	0.0	-19.0
6499	638820.72	4873893.40	329.58	0	DEN	63	37.2	15.4	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-10.8
6499	638820.72	4873893.40	329.58	0	DEN	125	43.3	15.4	0.0	0.0	0.0	58.6	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-4.8
6499	638820.72	4873893.40	329.58	0	DEN	250	48.8	15.4	0.0	0.0	0.0	58.6	0.2	1.7	0.0	0.0	3.2	0.0	0.0	0.5
6499	638820.72	4873893.40	329.58	0	DEN	500	54.2	15.4	0.0	0.0	0.0	58.6	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	5.6
6499	638820.72	4873893.40	329.58	0	DEN	1000	60.4	15.4	0.0	0.0	0.0	58.6	0.9	-1.5	0.0	0.0	6.7	0.0	0.0	11.2
6499	638820.72	4873893.40	329.58	0	DEN	2000	59.6	15.4	0.0	0.0	0.0	58.6	2.3	-1.6	0.0	0.0	7.1	0.0	0.0	8.5
6499	638820.72	4873893.40	329.58	0	DEN	4000	55.4	15.4	0.0	0.0	0.0	58.6	7.8	-1.6	0.0	0.0	7.8	0.0	0.0	-1.9
6499	638820.72	4873893.40	329.58	0	DEN	8000	52.3	15.4	0.0	0.0	0.0	58.6	27.9	-1.6	0.0	0.0	8.9	0.0	0.0	-26.1
6509	638875.69	4873896.16	328.90	0	DEN	32	29.0	15.4	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-17.4
6509	638875.69	4873896.16	328.90	0	DEN	63	37.2	15.4	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-9.2
6509	638875.69	4873896.16	328.90	0	DEN	125	43.3	15.4	0.0	0.0	0.0	57.0	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-3.2
6509	638875.69	4873896.16	328.90	0	DEN	250	48.8	15.4	0.0	0.0	0.0	57.0	0.2	1.9	0.0	0.0	3.1	0.0	0.0	2.0
6509	638875.69	4873896.16	328.90	0	DEN	500	54.2	15.4	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	7.1
6509	638875.69	4873896.16	328.90	0	DEN	1000	60.4	15.4	0.0	0.0	0.0	57.0	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	12.6
6509	638875.69	4873896.16	328.90	0	DEN	2000	59.6	15.4	0.0	0.0	0.0	57.0	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	10.0
6509	638875.69	4873896.16	328.90	0	DEN	4000	55.4	15.4	0.0	0.0	0.0	57.0	6.5	-1.3	0.0	0.0	8.5	0.0	0.0	0.1
6509	638875.69	4873896.16	328.90	0	DEN	8000	52.3	15.4	0.0	0.0	0.0	57.0	23.2	-1.3	0.0	0.0	10.1	0.0	0.0	-21.2
6519	638852.72	4873905.77	328.47	0	DEN	32	29.0	21.6	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-12.1
6519	638852.72	4873905.77	328.47	0	DEN	63	37.2	21.6	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-4.0
6519	638852.72	4873905.77	328.47	0	DEN	125	43.3	21.6	0.0	0.0	0.0	57.9	0.1	1.3	0.0	0.0	3.6	0.0	0.0	2.0
6519	638852.72	4873905.77	328.47	0	DEN	250	48.8	21.6	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.1	0.0	0.0	7.3
6519	638852.72	4873905.77	328.47	0	DEN	500	54.2	21.6	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	12.3
6519	638852.72	4873905.77	328.47	0	DEN	1000	60.4	21.6	0.0	0.0	0.0	57.9	0.8	-1.4	0.0	0.0	6.9	0.0	0.0	17.8
6519	638852.72	4873905.77	328.47	0	DEN	2000	59.6	21.6	0.0	0.0	0.0	57.9	2.1	-1.4	0.0	0.0	7.5	0.0	0.0	15.0
6519	638852.72	4873905.77	328.47	0	DEN	4000	55.4	21.6	0.0	0.0	0.0	57.9	7.3	-1.4	0.0	0.0	8.5	0.0	0.0	4.7
6519	638852.72	4873905.77	328.47	0	DEN	8000	52.3	21.6	0.0	0.0	0.0	57.9	25.9	-1.4	0.0	0.0	10.0	0.0	0.0	-18.6
6529	638586.30	4873682.30	329.63	0	DEN	32	29.0	28.4	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-11.2
6529	638586.30	4873682.30	329.63	0	DEN	63	37.2	28.4	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-3.0
6529	638586.30	4873682.30	329.63	0	DEN	125	43.3	28.4	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	2.9
6529	638586.30	4873682.30	329.63	0	DEN	250	48.8	28.4	0.0	0.0	0.0	63.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	8.1
6529	638586.30	4873682.30	329.63	0	DEN	500	54.2	28.4	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	13.1
6529	638586.30	4873682.30	329.63	0	DEN	1000	60.4	28.4	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	18.4
6529	638586.30	4873682.30	329.63	0	DEN	2000	59.6	28.4	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.4	0.0	0.0	14.8
6529	638586.30	4873682.30	329.63	0	DEN	4000	55.4	28.4	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.9	0.0	0.0	0.1
6529	638586.30	4873682.30	329.63	0	DEN	8000	52.3	28.4	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	8.6	0.0	0.0	-40.2
6539	638940.88	4873884.30	327.73	0	DEN	32	29.0	18.6	0.0	0.0	0.0	54.5	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-11.7
6539	638940.88	4873884.30	327.73	0	DEN	63	37.2	18.6	0.0	0.0	0.0	54.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-3.9
6539	638940.88	4873884.30	327.73	0	DEN	125	43.3	18.6	0.0	0.0	0.0	54.5	0.1	1.5	0.0	0.0	4.4	0.0	0.0	1.5
6539	638940.88	4873884.30	327.73	0	DEN	250	48.8	18.6	0.0	0.0	0.0	54.5	0.2	2.0	0.0	0.0	4.8	0.0	0.0	6.0
6539	638940.88	4873884.30	327.73	0	DEN	500	54.2	18.6	0.0	0.0	0.0	54.5	0.3	-0.9	0.0	0.0	9.0	0.0	0.0	9.9
6539	638940.88	4873884.30	327.73	0	DEN	1000	60.4	18.6	0.0	0.0	0.0	54.5	0.5	-1.2	0.0	0.0	11.2	0.0	0.0	14.0
6539	638940.88	4873884.30	327.73	0	DEN	2000	59.6	18.6	0.0	0.0	0.0	54.5	1.4	-1.2	0.0	0.0	13.5	0.0	0.0	10.0
6539	638940.88	4873884.30	327.73	0	DEN	4000	55.4	18.6	0.0	0.0	0.0	54.5	4.9	-1.2	0.0	0.0	16.1	0.0	0.0	-0.3
6539	638940.88	4873884.30	327.73	0	DEN	8000	52.3	18.6	0.0	0.0	0.0	54.5	17.5	-1.2	0.0	0.0	18.9	0.0	0.0	-18.8
6548	638933.99	4873895.76	328.10	1	DEN	1000	60.4	5.3	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	11.1	0.0	1.0	-2.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6548	638933.99	4873895.76	328.10	1	DEN	2000	59.6	5.3	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.4	0.0	1.0	-6.2
6548	638933.99	4873895.76	328.10	1	DEN	4000	55.4	5.3	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	16.0	0.0	1.0	-17.2
6548	638933.99	4873895.76	328.10	1	DEN	8000	52.3	5.3	0.0	0.0	0.0	56.1	21.0	-1.1	0.0	0.0	18.8	0.0	1.0	-38.2
6557	638834.75	4873905.23	328.75	0	DEN	32	29.0	17.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-16.8
6557	638834.75	4873905.23	328.75	0	DEN	63	37.2	17.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-8.7
6557	638834.75	4873905.23	328.75	0	DEN	125	43.3	17.4	0.0	0.0	0.0	58.4	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-2.7
6557	638834.75	4873905.23	328.75	0	DEN	250	48.8	17.4	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.2	0.0	0.0	2.6
6557	638834.75	4873905.23	328.75	0	DEN	500	54.2	17.4	0.0	0.0	0.0	58.4	0.5	-1.1	0.0	0.0	6.2	0.0	0.0	7.6
6557	638834.75	4873905.23	328.75	0	DEN	1000	60.4	17.4	0.0	0.0	0.0	58.4	0.9	-1.5	0.0	0.0	6.9	0.0	0.0	13.1
6557	638834.75	4873905.23	328.75	0	DEN	2000	59.6	17.4	0.0	0.0	0.0	58.4	2.3	-1.5	0.0	0.0	7.4	0.0	0.0	10.4
6557	638834.75	4873905.23	328.75	0	DEN	4000	55.4	17.4	0.0	0.0	0.0	58.4	7.7	-1.5	0.0	0.0	8.2	0.0	0.0	-0.1
6557	638834.75	4873905.23	328.75	0	DEN	8000	52.3	17.4	0.0	0.0	0.0	58.4	27.4	-1.5	0.0	0.0	9.6	0.0	0.0	-24.2
6566	638855.20	4873904.37	328.81	0	DEN	32	29.0	14.4	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-19.3
6566	638855.20	4873904.37	328.81	0	DEN	63	37.2	14.4	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-11.1
6566	638855.20	4873904.37	328.81	0	DEN	125	43.3	14.4	0.0	0.0	0.0	57.8	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-5.1
6566	638855.20	4873904.37	328.81	0	DEN	250	48.8	14.4	0.0	0.0	0.0	57.8	0.2	1.9	0.0	0.0	3.1	0.0	0.0	0.2
6566	638855.20	4873904.37	328.81	0	DEN	500	54.2	14.4	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	5.2
6566	638855.20	4873904.37	328.81	0	DEN	1000	60.4	14.4	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	10.7
6566	638855.20	4873904.37	328.81	0	DEN	2000	59.6	14.4	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	8.1
6566	638855.20	4873904.37	328.81	0	DEN	4000	55.4	14.4	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	8.3	0.0	0.0	-2.1
6566	638855.20	4873904.37	328.81	0	DEN	8000	52.3	14.4	0.0	0.0	0.0	57.8	25.6	-1.4	0.0	0.0	9.7	0.0	0.0	-25.0
6574	638893.08	4873901.69	328.45	0	DEN	32	29.0	14.4	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.1
6574	638893.08	4873901.69	328.45	0	DEN	63	37.2	14.4	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-9.9
6574	638893.08	4873901.69	328.45	0	DEN	125	43.3	14.4	0.0	0.0	0.0	56.6	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-4.0
6574	638893.08	4873901.69	328.45	0	DEN	250	48.8	14.4	0.0	0.0	0.0	56.6	0.2	1.9	0.0	0.0	3.1	0.0	0.0	1.3
6574	638893.08	4873901.69	328.45	0	DEN	500	54.2	14.4	0.0	0.0	0.0	56.6	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	6.3
6574	638893.08	4873901.69	328.45	0	DEN	1000	60.4	14.4	0.0	0.0	0.0	56.6	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	11.7
6574	638893.08	4873901.69	328.45	0	DEN	2000	59.6	14.4	0.0	0.0	0.0	56.6	1.8	-1.3	0.0	0.0	7.9	0.0	0.0	8.9
6574	638893.08	4873901.69	328.45	0	DEN	4000	55.4	14.4	0.0	0.0	0.0	56.6	6.3	-1.3	0.0	0.0	9.2	0.0	0.0	-1.0
6574	638893.08	4873901.69	328.45	0	DEN	8000	52.3	14.4	0.0	0.0	0.0	56.6	22.4	-1.3	0.0	0.0	10.9	0.0	0.0	-22.0
6762	638939.08	4873894.04	328.01	0	DEN	32	29.0	18.3	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.5	0.0	0.0	-12.2
6762	638939.08	4873894.04	328.01	0	DEN	63	37.2	18.3	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-4.5
6762	638939.08	4873894.04	328.01	0	DEN	125	43.3	18.3	0.0	0.0	0.0	55.0	0.1	1.6	0.0	0.0	4.1	0.0	0.0	0.8
6762	638939.08	4873894.04	328.01	0	DEN	250	48.8	18.3	0.0	0.0	0.0	55.0	0.2	2.1	0.0	0.0	4.3	0.0	0.0	5.5
6762	638939.08	4873894.04	328.01	0	DEN	500	54.2	18.3	0.0	0.0	0.0	55.0	0.3	-0.8	0.0	0.0	8.4	0.0	0.0	9.5
6762	638939.08	4873894.04	328.01	0	DEN	1000	60.4	18.3	0.0	0.0	0.0	55.0	0.6	-1.2	0.0	0.0	10.5	0.0	0.0	13.7
6762	638939.08	4873894.04	328.01	0	DEN	2000	59.6	18.3	0.0	0.0	0.0	55.0	1.5	-1.2	0.0	0.0	12.7	0.0	0.0	9.8
6762	638939.08	4873894.04	328.01	0	DEN	4000	55.4	18.3	0.0	0.0	0.0	55.0	5.2	-1.2	0.0	0.0	15.2	0.0	0.0	-0.6
6762	638939.08	4873894.04	328.01	0	DEN	8000	52.3	18.3	0.0	0.0	0.0	55.0	18.6	-1.2	0.0	0.0	18.0	0.0	0.0	-19.9
6768	638935.80	4873897.44	328.14	1	DEN	1000	60.4	11.4	0.0	0.0	0.0	56.0	0.6	-1.1	0.0	0.0	11.4	0.0	1.0	4.0
6768	638935.80	4873897.44	328.14	1	DEN	2000	59.6	11.4	0.0	0.0	0.0	56.0	1.7	-1.1	0.0	0.0	13.7	0.0	1.0	-0.2
6768	638935.80	4873897.44	328.14	1	DEN	4000	55.4	11.4	0.0	0.0	0.0	56.0	5.8	-1.1	0.0	0.0	16.3	0.0	1.0	-11.1
6768	638935.80	4873897.44	328.14	1	DEN	8000	52.3	11.4	0.0	0.0	0.0	56.0	20.7	-1.1	0.0	0.0	19.1	0.0	1.0	-32.0
6776	638942.39	4873876.11	327.60	0	DEN	32	29.0	16.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-13.4
6776	638942.39	4873876.11	327.60	0	DEN	63	37.2	16.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-5.6
6776	638942.39	4873876.11	327.60	0	DEN	125	43.3	16.6	0.0	0.0	0.0	54.1	0.1	1.4	0.0	0.0	4.6	0.0	0.0	-0.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6776	638942.39	4873876.11	327.60	0	DEN	250	48.8	16.6	0.0	0.0	0.0	54.1	0.1	1.9	0.0	0.0	5.0	0.0	0.0	4.2
6776	638942.39	4873876.11	327.60	0	DEN	500	54.2	16.6	0.0	0.0	0.0	54.1	0.3	-0.9	0.0	0.0	9.3	0.0	0.0	8.0
6776	638942.39	4873876.11	327.60	0	DEN	1000	60.4	16.6	0.0	0.0	0.0	54.1	0.5	-1.2	0.0	0.0	11.6	0.0	0.0	12.0
6776	638942.39	4873876.11	327.60	0	DEN	2000	59.6	16.6	0.0	0.0	0.0	54.1	1.4	-1.2	0.0	0.0	14.0	0.0	0.0	8.0
6776	638942.39	4873876.11	327.60	0	DEN	4000	55.4	16.6	0.0	0.0	0.0	54.1	4.7	-1.2	0.0	0.0	16.6	0.0	0.0	-2.1
6776	638942.39	4873876.11	327.60	0	DEN	8000	52.3	16.6	0.0	0.0	0.0	54.1	16.6	-1.2	0.0	0.0	19.4	0.0	0.0	-20.0
6782	638933.53	4873895.34	328.11	1	DEN	1000	60.4	-0.0	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	11.0	0.0	1.0	-7.3
6782	638933.53	4873895.34	328.11	1	DEN	2000	59.6	-0.0	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.3	0.0	1.0	-11.5
6782	638933.53	4873895.34	328.11	1	DEN	4000	55.4	-0.0	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.9	0.0	1.0	-22.4
6782	638933.53	4873895.34	328.11	1	DEN	8000	52.3	-0.0	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.7	0.0	1.0	-43.5
7897	638970.50	4873721.71	325.05	0	DEN	32	29.0	-1.8	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.7
7897	638970.50	4873721.71	325.05	0	DEN	63	37.2	-1.8	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-17.7
7897	638970.50	4873721.71	325.05	0	DEN	125	43.3	-1.8	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-13.2
7897	638970.50	4873721.71	325.05	0	DEN	250	48.8	-1.8	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-9.9
7897	638970.50	4873721.71	325.05	0	DEN	500	54.2	-1.8	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-7.0
7897	638970.50	4873721.71	325.05	0	DEN	1000	60.4	-1.8	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-3.7
7897	638970.50	4873721.71	325.05	0	DEN	2000	59.6	-1.8	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-7.6
7897	638970.50	4873721.71	325.05	0	DEN	4000	55.4	-1.8	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-13.7
7897	638970.50	4873721.71	325.05	0	DEN	8000	52.3	-1.8	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-21.3
7901	638963.45	4873753.99	325.63	0	DEN	32	29.0	-1.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.1
7901	638963.45	4873753.99	325.63	0	DEN	63	37.2	-1.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-17.0
7901	638963.45	4873753.99	325.63	0	DEN	125	43.3	-1.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-12.6
7901	638963.45	4873753.99	325.63	0	DEN	250	48.8	-1.8	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-9.2
7901	638963.45	4873753.99	325.63	0	DEN	500	54.2	-1.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-6.3
7901	638963.45	4873753.99	325.63	0	DEN	1000	60.4	-1.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-2.9
7901	638963.45	4873753.99	325.63	0	DEN	2000	59.6	-1.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-6.9
7901	638963.45	4873753.99	325.63	0	DEN	4000	55.4	-1.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-13.1
7901	638963.45	4873753.99	325.63	0	DEN	8000	52.3	-1.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-20.4
7906	638959.92	4873770.14	325.91	0	DEN	32	29.0	-1.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-24.8
7906	638959.92	4873770.14	325.91	0	DEN	63	37.2	-1.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-17.5
7906	638959.92	4873770.14	325.91	0	DEN	125	43.3	-1.8	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-12.8
7906	638959.92	4873770.14	325.91	0	DEN	250	48.8	-1.8	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-9.2
7906	638959.92	4873770.14	325.91	0	DEN	500	54.2	-1.8	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-6.2
7906	638959.92	4873770.14	325.91	0	DEN	1000	60.4	-1.8	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-2.8
7906	638959.92	4873770.14	325.91	0	DEN	2000	59.6	-1.8	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-6.7
7906	638959.92	4873770.14	325.91	0	DEN	4000	55.4	-1.8	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-14.3
7906	638959.92	4873770.14	325.91	0	DEN	8000	52.3	-1.8	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-22.1
7911	638945.81	4873834.69	327.06	0	DEN	32	29.0	-1.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-29.5
7911	638945.81	4873834.69	327.06	0	DEN	63	37.2	-1.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-21.7
7911	638945.81	4873834.69	327.06	0	DEN	125	43.3	-1.8	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-16.3
7911	638945.81	4873834.69	327.06	0	DEN	250	48.8	-1.8	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.6	0.0	0.0	-12.0
7911	638945.81	4873834.69	327.06	0	DEN	500	54.2	-1.8	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-8.3
7911	638945.81	4873834.69	327.06	0	DEN	1000	60.4	-1.8	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.3	0.0	0.0	-4.3
7911	638945.81	4873834.69	327.06	0	DEN	2000	59.6	-1.8	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-8.2
7911	638945.81	4873834.69	327.06	0	DEN	4000	55.4	-1.8	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.5	0.0	0.0	-17.6
7911	638945.81	4873834.69	327.06	0	DEN	8000	52.3	-1.8	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.3	0.0	0.0	-32.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7915	638990.60	4873629.69	323.42	0	DEN	32	29.0	-0.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-29.8
7915	638990.60	4873629.69	323.42	0	DEN	63	37.2	-0.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-22.2
7915	638990.60	4873629.69	323.42	0	DEN	125	43.3	-0.4	0.0	0.0	0.0	53.0	0.1	1.4	0.0	0.0	5.6	0.0	0.0	-17.1
7915	638990.60	4873629.69	323.42	0	DEN	250	48.8	-0.4	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.5	0.0	0.0	-13.1
7915	638990.60	4873629.69	323.42	0	DEN	500	54.2	-0.4	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.2	0.0	0.0	-9.8
7915	638990.60	4873629.69	323.42	0	DEN	1000	60.4	-0.4	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.0	0.0	0.0	-6.2
7915	638990.60	4873629.69	323.42	0	DEN	2000	59.6	-0.4	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.6	0.0	0.0	-10.4
7915	638990.60	4873629.69	323.42	0	DEN	4000	55.4	-0.4	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.4	0.0	0.0	-20.3
7915	638990.60	4873629.69	323.42	0	DEN	8000	52.3	-0.4	0.0	0.0	0.0	53.0	14.7	-1.2	0.0	0.0	21.2	0.0	0.0	-35.8
7922	638983.97	4873660.05	323.96	0	DEN	32	29.0	-0.4	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-27.9
7922	638983.97	4873660.05	323.96	0	DEN	63	37.2	-0.4	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-20.5
7922	638983.97	4873660.05	323.96	0	DEN	125	43.3	-0.4	0.0	0.0	0.0	50.8	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-15.6
7922	638983.97	4873660.05	323.96	0	DEN	250	48.8	-0.4	0.0	0.0	0.0	50.8	0.1	2.0	0.0	0.0	7.4	0.0	0.0	-11.9
7922	638983.97	4873660.05	323.96	0	DEN	500	54.2	-0.4	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	12.4	0.0	0.0	-8.8
7922	638983.97	4873660.05	323.96	0	DEN	1000	60.4	-0.4	0.0	0.0	0.0	50.8	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-5.3
7922	638983.97	4873660.05	323.96	0	DEN	2000	59.6	-0.4	0.0	0.0	0.0	50.8	0.9	-1.2	0.0	0.0	18.0	0.0	0.0	-9.4
7922	638983.97	4873660.05	323.96	0	DEN	4000	55.4	-0.4	0.0	0.0	0.0	50.8	3.2	-1.2	0.0	0.0	20.9	0.0	0.0	-18.8
7922	638983.97	4873660.05	323.96	0	DEN	8000	52.3	-0.4	0.0	0.0	0.0	50.8	11.4	-1.2	0.0	0.0	21.2	0.0	0.0	-30.3
7928	638977.35	4873690.41	324.49	0	DEN	32	29.0	-2.1	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-27.3
7928	638977.35	4873690.41	324.49	0	DEN	63	37.2	-2.1	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-20.0
7928	638977.35	4873690.41	324.49	0	DEN	125	43.3	-2.1	0.0	0.0	0.0	48.2	0.0	1.1	0.0	0.0	7.2	0.0	0.0	-15.4
7928	638977.35	4873690.41	324.49	0	DEN	250	48.8	-2.1	0.0	0.0	0.0	48.2	0.1	2.0	0.0	0.0	8.2	0.0	0.0	-11.8
7928	638977.35	4873690.41	324.49	0	DEN	500	54.2	-2.1	0.0	0.0	0.0	48.2	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-8.8
7928	638977.35	4873690.41	324.49	0	DEN	1000	60.4	-2.1	0.0	0.0	0.0	48.2	0.3	-1.1	0.0	0.0	16.3	0.0	0.0	-5.4
7928	638977.35	4873690.41	324.49	0	DEN	2000	59.6	-2.1	0.0	0.0	0.0	48.2	0.7	-1.1	0.0	0.0	19.1	0.0	0.0	-9.5
7928	638977.35	4873690.41	324.49	0	DEN	4000	55.4	-2.1	0.0	0.0	0.0	48.2	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-17.3
7928	638977.35	4873690.41	324.49	0	DEN	8000	52.3	-2.1	0.0	0.0	0.0	48.2	8.5	-1.1	0.0	0.0	21.1	0.0	0.0	-26.5
7936	638983.98	4873660.07	323.95	0	DEN	32	29.0	-2.1	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-29.6
7936	638983.98	4873660.07	323.95	0	DEN	63	37.2	-2.1	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-22.2
7936	638983.98	4873660.07	323.95	0	DEN	125	43.3	-2.1	0.0	0.0	0.0	50.8	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-17.3
7936	638983.98	4873660.07	323.95	0	DEN	250	48.8	-2.1	0.0	0.0	0.0	50.8	0.1	2.0	0.0	0.0	7.4	0.0	0.0	-13.6
7936	638983.98	4873660.07	323.95	0	DEN	500	54.2	-2.1	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	12.4	0.0	0.0	-10.5
7936	638983.98	4873660.07	323.95	0	DEN	1000	60.4	-2.1	0.0	0.0	0.0	50.8	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-7.0
7936	638983.98	4873660.07	323.95	0	DEN	2000	59.6	-2.1	0.0	0.0	0.0	50.8	0.9	-1.2	0.0	0.0	18.0	0.0	0.0	-11.1
7936	638983.98	4873660.07	323.95	0	DEN	4000	55.4	-2.1	0.0	0.0	0.0	50.8	3.2	-1.2	0.0	0.0	20.9	0.0	0.0	-20.4
7936	638983.98	4873660.07	323.95	0	DEN	8000	52.3	-2.1	0.0	0.0	0.0	50.8	11.4	-1.2	0.0	0.0	21.2	0.0	0.0	-32.0
7944	638993.99	4873614.16	323.14	0	DEN	32	29.0	-16.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-47.1
7944	638993.99	4873614.16	323.14	0	DEN	63	37.2	-16.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-39.5
7944	638993.99	4873614.16	323.14	0	DEN	125	43.3	-16.8	0.0	0.0	0.0	54.0	0.1	1.4	0.0	0.0	5.3	0.0	0.0	-34.3
7944	638993.99	4873614.16	323.14	0	DEN	250	48.8	-16.8	0.0	0.0	0.0	54.0	0.1	2.0	0.0	0.0	6.2	0.0	0.0	-30.2
7944	638993.99	4873614.16	323.14	0	DEN	500	54.2	-16.8	0.0	0.0	0.0	54.0	0.3	-0.9	0.0	0.0	10.8	0.0	0.0	-26.8
7944	638993.99	4873614.16	323.14	0	DEN	1000	60.4	-16.8	0.0	0.0	0.0	54.0	0.5	-1.2	0.0	0.0	13.5	0.0	0.0	-23.2
7944	638993.99	4873614.16	323.14	0	DEN	2000	59.6	-16.8	0.0	0.0	0.0	54.0	1.4	-1.2	0.0	0.0	16.1	0.0	0.0	-27.4
7944	638993.99	4873614.16	323.14	0	DEN	4000	55.4	-16.8	0.0	0.0	0.0	54.0	4.6	-1.2	0.0	0.0	18.9	0.0	0.0	-37.7
7944	638993.99	4873614.16	323.14	0	DEN	8000	52.3	-16.8	0.0	0.0	0.0	54.0	16.4	-1.2	0.0	0.0	21.2	0.0	0.0	-54.9
7952	638932.73	4873894.60	328.13	1	DEN	1000	60.4	-25.8	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-33.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7952	638932.73	4873894.60	328.13	1	DEN	2000	59.6	-25.8	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-37.1
7952	638932.73	4873894.60	328.13	1	DEN	4000	55.4	-25.8	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-48.1
7952	638932.73	4873894.60	328.13	1	DEN	8000	52.3	-25.8	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-69.2
7970	638891.22	4873927.21	329.07	0	DEN	32	29.0	19.9	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-13.5
7970	638891.22	4873927.21	329.07	0	DEN	63	37.2	19.9	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-5.3
7970	638891.22	4873927.21	329.07	0	DEN	125	43.3	19.9	0.0	0.0	0.0	57.6	0.1	1.5	0.0	0.0	3.4	0.0	0.0	0.7
7970	638891.22	4873927.21	329.07	0	DEN	250	48.8	19.9	0.0	0.0	0.0	57.6	0.2	2.0	0.0	0.0	2.9	0.0	0.0	6.0
7970	638891.22	4873927.21	329.07	0	DEN	500	54.2	19.9	0.0	0.0	0.0	57.6	0.4	-0.9	0.0	0.0	6.0	0.0	0.0	11.1
7970	638891.22	4873927.21	329.07	0	DEN	1000	60.4	19.9	0.0	0.0	0.0	57.6	0.8	-1.3	0.0	0.0	6.6	0.0	0.0	16.6
7970	638891.22	4873927.21	329.07	0	DEN	2000	59.6	19.9	0.0	0.0	0.0	57.6	2.1	-1.3	0.0	0.0	7.1	0.0	0.0	14.1
7970	638891.22	4873927.21	329.07	0	DEN	4000	55.4	19.9	0.0	0.0	0.0	57.6	7.0	-1.3	0.0	0.0	8.0	0.0	0.0	4.1
7970	638891.22	4873927.21	329.07	0	DEN	8000	52.3	19.9	0.0	0.0	0.0	57.6	24.9	-1.3	0.0	0.0	9.3	0.0	0.0	-18.2
7980	638536.72	4873766.98	331.91	0	DEN	32	29.0	27.0	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-13.4
7980	638536.72	4873766.98	331.91	0	DEN	63	37.2	27.0	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-5.2
7980	638536.72	4873766.98	331.91	0	DEN	125	43.3	27.0	0.0	0.0	0.0	64.6	0.2	1.1	0.0	0.0	3.7	0.0	0.0	0.7
7980	638536.72	4873766.98	331.91	0	DEN	250	48.8	27.0	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	5.9
7980	638536.72	4873766.98	331.91	0	DEN	500	54.2	27.0	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	10.9
7980	638536.72	4873766.98	331.91	0	DEN	1000	60.4	27.0	0.0	0.0	0.0	64.6	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	16.2
7980	638536.72	4873766.98	331.91	0	DEN	2000	59.6	27.0	0.0	0.0	0.0	64.6	4.6	-2.2	0.0	0.0	7.2	0.0	0.0	12.5
7980	638536.72	4873766.98	331.91	0	DEN	4000	55.4	27.0	0.0	0.0	0.0	64.6	15.6	-2.2	0.0	0.0	7.3	0.0	0.0	-2.9
7980	638536.72	4873766.98	331.91	0	DEN	8000	52.3	27.0	0.0	0.0	0.0	64.6	55.8	-2.2	0.0	0.0	7.7	0.0	0.0	-46.5
7989	638531.73	4873812.61	332.71	1	DEN	4000	55.4	-24.6	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-63.7
7989	638531.73	4873812.61	332.71	1	DEN	8000	52.3	-24.6	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-119.4
7994	638531.57	4873787.00	332.35	1	DEN	4000	55.4	18.7	0.0	0.0	0.0	67.3	21.4	-3.0	0.0	0.0	7.8	0.0	2.0	-21.5
7994	638531.57	4873787.00	332.35	1	DEN	8000	52.3	18.7	0.0	0.0	0.0	67.3	76.5	-3.0	0.0	0.0	7.8	0.0	2.0	-79.7
8000	638531.11	4873797.75	332.52	1	DEN	4000	55.4	15.9	0.0	0.0	0.0	67.2	21.1	-2.9	0.0	0.0	7.7	0.0	2.0	-23.8
8000	638531.11	4873797.75	332.52	1	DEN	8000	52.3	15.9	0.0	0.0	0.0	67.2	75.3	-2.9	0.0	0.0	7.7	0.0	2.0	-81.1
8721	638918.00	4873542.18	323.23	0	DEN	32	29.0	12.2	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-21.9
8721	638918.00	4873542.18	323.23	0	DEN	63	37.2	12.2	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-13.8
8721	638918.00	4873542.18	323.23	0	DEN	125	43.3	12.2	0.0	0.0	0.0	58.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-7.8
8721	638918.00	4873542.18	323.23	0	DEN	250	48.8	12.2	0.0	0.0	0.0	58.3	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-2.5
8721	638918.00	4873542.18	323.23	0	DEN	500	54.2	12.2	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	6.3	0.0	0.0	2.4
8721	638918.00	4873542.18	323.23	0	DEN	1000	60.4	12.2	0.0	0.0	0.0	58.3	0.8	-1.5	0.0	0.0	7.0	0.0	0.0	7.9
8721	638918.00	4873542.18	323.23	0	DEN	2000	59.6	12.2	0.0	0.0	0.0	58.3	2.2	-1.5	0.0	0.0	7.7	0.0	0.0	5.0
8721	638918.00	4873542.18	323.23	0	DEN	4000	55.4	12.2	0.0	0.0	0.0	58.3	7.6	-1.5	0.0	0.0	8.8	0.0	0.0	-5.7
8721	638918.00	4873542.18	323.23	0	DEN	8000	52.3	12.2	0.0	0.0	0.0	58.3	27.1	-1.5	0.0	0.0	10.4	0.0	0.0	-29.9
8729	638956.12	4873555.56	322.35	0	DEN	32	29.0	12.2	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-20.9
8729	638956.12	4873555.56	322.35	0	DEN	63	37.2	12.2	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-12.8
8729	638956.12	4873555.56	322.35	0	DEN	125	43.3	12.2	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-6.9
8729	638956.12	4873555.56	322.35	0	DEN	250	48.8	12.2	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-1.7
8729	638956.12	4873555.56	322.35	0	DEN	500	54.2	12.2	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.5	0.0	0.0	3.1
8729	638956.12	4873555.56	322.35	0	DEN	1000	60.4	12.2	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.6	0.0	0.0	8.3
8729	638956.12	4873555.56	322.35	0	DEN	2000	59.6	12.2	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.7	0.0	0.0	5.1
8729	638956.12	4873555.56	322.35	0	DEN	4000	55.4	12.2	0.0	0.0	0.0	57.3	6.7	-1.3	0.0	0.0	10.3	0.0	0.0	-5.4
8729	638956.12	4873555.56	322.35	0	DEN	8000	52.3	12.2	0.0	0.0	0.0	57.3	24.1	-1.3	0.0	0.0	12.4	0.0	0.0	-28.0
8737	638883.64	4873530.30	323.69	0	DEN	32	29.0	15.2	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.3	0.0	0.0	-19.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8737	638883.64	4873530.30	323.69	0	DEN	63	37.2	15.2	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-11.7
8737	638883.64	4873530.30	323.69	0	DEN	125	43.3	15.2	0.0	0.0	0.0	59.2	0.1	1.1	0.0	0.0	3.8	0.0	0.0	-5.7
8737	638883.64	4873530.30	323.69	0	DEN	250	48.8	15.2	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-0.4
8737	638883.64	4873530.30	323.69	0	DEN	500	54.2	15.2	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	4.6
8737	638883.64	4873530.30	323.69	0	DEN	1000	60.4	15.2	0.0	0.0	0.0	59.2	0.9	-1.7	0.0	0.0	7.0	0.0	0.0	10.1
8737	638883.64	4873530.30	323.69	0	DEN	2000	59.6	15.2	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.5	0.0	0.0	7.3
8737	638883.64	4873530.30	323.69	0	DEN	4000	55.4	15.2	0.0	0.0	0.0	59.2	8.5	-1.7	0.0	0.0	8.3	0.0	0.0	-3.7
8737	638883.64	4873530.30	323.69	0	DEN	8000	52.3	15.2	0.0	0.0	0.0	59.2	30.2	-1.7	0.0	0.0	9.6	0.0	0.0	-29.9
8744	639001.61	4873571.43	321.47	1	DEN	250	48.8	-32.0	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-48.1
8744	639001.61	4873571.43	321.47	1	DEN	500	54.2	-32.0	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-44.4
8744	639001.61	4873571.43	321.47	1	DEN	1000	60.4	-32.0	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-40.6
8744	639001.61	4873571.43	321.47	1	DEN	2000	59.6	-32.0	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-44.9
8744	639001.61	4873571.43	321.47	1	DEN	4000	55.4	-32.0	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-56.2
8744	639001.61	4873571.43	321.47	1	DEN	8000	52.3	-32.0	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-77.9
8750	639001.09	4873571.25	321.48	1	DEN	250	48.8	-24.6	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-40.5
8750	639001.09	4873571.25	321.48	1	DEN	500	54.2	-24.6	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-36.8
8750	639001.09	4873571.25	321.48	1	DEN	1000	60.4	-24.6	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-33.0
8750	639001.09	4873571.25	321.48	1	DEN	2000	59.6	-24.6	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-37.3
8750	639001.09	4873571.25	321.48	1	DEN	4000	55.4	-24.6	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-48.5
8750	639001.09	4873571.25	321.48	1	DEN	8000	52.3	-24.6	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-70.2
8756	638988.00	4873566.68	321.74	1	DEN	250	48.8	1.9	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-12.9
8756	638988.00	4873566.68	321.74	1	DEN	500	54.2	1.9	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-8.5
8756	638988.00	4873566.68	321.74	1	DEN	1000	60.4	1.9	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-3.9
8756	638988.00	4873566.68	321.74	1	DEN	2000	59.6	1.9	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.7	0.0	1.0	-7.6
8756	638988.00	4873566.68	321.74	1	DEN	4000	55.4	1.9	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.9	0.0	1.0	-18.4
8756	638988.00	4873566.68	321.74	1	DEN	8000	52.3	1.9	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.4	0.0	1.0	-40.3
8762	638975.77	4873562.41	321.98	1	DEN	250	48.8	2.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.3	0.0	1.0	-12.0
8762	638975.77	4873562.41	321.98	1	DEN	500	54.2	2.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-7.3
8762	638975.77	4873562.41	321.98	1	DEN	1000	60.4	2.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	8.0	0.0	1.0	-2.3
8762	638975.77	4873562.41	321.98	1	DEN	2000	59.6	2.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.3	0.0	1.0	-5.7
8762	638975.77	4873562.41	321.98	1	DEN	4000	55.4	2.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.2	0.0	1.0	-16.3
8762	638975.77	4873562.41	321.98	1	DEN	8000	52.3	2.8	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.5	0.0	1.0	-38.5
8769	638965.09	4873558.68	322.20	1	DEN	250	48.8	4.9	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-9.9
8769	638965.09	4873558.68	322.20	1	DEN	500	54.2	4.9	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-5.1
8769	638965.09	4873558.68	322.20	1	DEN	1000	60.4	4.9	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	0.1
8769	638965.09	4873558.68	322.20	1	DEN	2000	59.6	4.9	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.7	0.0	1.0	-3.1
8769	638965.09	4873558.68	322.20	1	DEN	4000	55.4	4.9	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.4	0.0	1.0	-13.7
8769	638965.09	4873558.68	322.20	1	DEN	8000	52.3	4.9	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.5	0.0	1.0	-36.1
8776	638953.80	4873554.74	322.42	1	DEN	250	48.8	5.8	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-9.2
8776	638953.80	4873554.74	322.42	1	DEN	500	54.2	5.8	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-4.4
8776	638953.80	4873554.74	322.42	1	DEN	1000	60.4	5.8	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	0.9
8776	638953.80	4873554.74	322.42	1	DEN	2000	59.6	5.8	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.4	0.0	1.0	-2.2
8776	638953.80	4873554.74	322.42	1	DEN	4000	55.4	5.8	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.9	0.0	1.0	-12.8
8776	638953.80	4873554.74	322.42	1	DEN	8000	52.3	5.8	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.9	0.0	1.0	-35.6
8783	638943.65	4873551.19	322.62	1	DEN	250	48.8	5.9	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-9.4
8783	638943.65	4873551.19	322.62	1	DEN	500	54.2	5.9	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.4	0.0	1.0	-4.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8783	638943.65	4873551.19	322.62	1	DEN	1000	60.4	5.9	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.3	0.0	1.0	0.8
8783	638943.65	4873551.19	322.62	1	DEN	2000	59.6	5.9	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.2	0.0	1.0	-2.2
8783	638943.65	4873551.19	322.62	1	DEN	4000	55.4	5.9	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.6	0.0	1.0	-12.8
8783	638943.65	4873551.19	322.62	1	DEN	8000	52.3	5.9	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.5	0.0	1.0	-36.0
8790	638925.12	4873544.72	322.99	1	DEN	250	48.8	11.6	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-4.0
8790	638925.12	4873544.72	322.99	1	DEN	500	54.2	11.6	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.3	0.0	1.0	1.0
8790	638925.12	4873544.72	322.99	1	DEN	1000	60.4	11.6	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	6.4
8790	638925.12	4873544.72	322.99	1	DEN	2000	59.6	11.6	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.8	0.0	1.0	3.5
8790	638925.12	4873544.72	322.99	1	DEN	4000	55.4	11.6	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	9.0	0.0	1.0	-7.2
8790	638925.12	4873544.72	322.99	1	DEN	8000	52.3	11.6	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.6	0.0	1.0	-31.2
8797	638899.43	4873535.75	323.50	1	DEN	250	48.8	12.7	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.3	0.0	1.0	-3.6
8797	638899.43	4873535.75	323.50	1	DEN	500	54.2	12.7	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.3	0.0	1.0	1.5
8797	638899.43	4873535.75	323.50	1	DEN	1000	60.4	12.7	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	7.0	0.0	1.0	6.9
8797	638899.43	4873535.75	323.50	1	DEN	2000	59.6	12.7	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.5	0.0	1.0	4.1
8797	638899.43	4873535.75	323.50	1	DEN	4000	55.4	12.7	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.4	0.0	1.0	-6.7
8797	638899.43	4873535.75	323.50	1	DEN	8000	52.3	12.7	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.8	0.0	1.0	-32.1
8804	638886.58	4873531.26	323.75	1	DEN	250	48.8	0.7	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	1.0	-16.0
8804	638886.58	4873531.26	323.75	1	DEN	500	54.2	0.7	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.3	0.0	1.0	-10.9
8804	638886.58	4873531.26	323.75	1	DEN	1000	60.4	0.7	0.0	0.0	0.0	59.2	0.9	-1.7	0.0	0.0	6.9	0.0	1.0	-5.4
8804	638886.58	4873531.26	323.75	1	DEN	2000	59.6	0.7	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.4	0.0	1.0	-8.2
8804	638886.58	4873531.26	323.75	1	DEN	4000	55.4	0.7	0.0	0.0	0.0	59.2	8.5	-1.7	0.0	0.0	8.2	0.0	1.0	-19.2
8804	638886.58	4873531.26	323.75	1	DEN	8000	52.3	0.7	0.0	0.0	0.0	59.2	30.2	-1.7	0.0	0.0	9.4	0.0	1.0	-45.2
8809	638872.28	4873526.35	323.88	1	DEN	250	48.8	12.3	0.0	0.0	0.0	59.6	0.3	1.5	0.0	0.0	3.4	0.0	1.0	-4.7
8809	638872.28	4873526.35	323.88	1	DEN	500	54.2	12.3	0.0	0.0	0.0	59.6	0.5	-1.3	0.0	0.0	6.3	0.0	1.0	0.3
8809	638872.28	4873526.35	323.88	1	DEN	1000	60.4	12.3	0.0	0.0	0.0	59.6	1.0	-1.7	0.0	0.0	6.9	0.0	1.0	5.8
8809	638872.28	4873526.35	323.88	1	DEN	2000	59.6	12.3	0.0	0.0	0.0	59.6	2.6	-1.7	0.0	0.0	7.3	0.0	1.0	3.0
8809	638872.28	4873526.35	323.88	1	DEN	4000	55.4	12.3	0.0	0.0	0.0	59.6	8.8	-1.7	0.0	0.0	8.1	0.0	1.0	-8.2
8809	638872.28	4873526.35	323.88	1	DEN	8000	52.3	12.3	0.0	0.0	0.0	59.6	31.5	-1.7	0.0	0.0	9.2	0.0	1.0	-35.1
8816	638848.10	4873518.04	324.10	1	DEN	500	54.2	-0.7	0.0	0.0	0.0	60.2	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-13.3
8816	638848.10	4873518.04	324.10	1	DEN	1000	60.4	-0.7	0.0	0.0	0.0	60.2	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-7.7
8816	638848.10	4873518.04	324.10	1	DEN	2000	59.6	-0.7	0.0	0.0	0.0	60.2	2.8	-1.8	0.0	0.0	7.2	0.0	1.0	-10.6
8816	638848.10	4873518.04	324.10	1	DEN	4000	55.4	-0.7	0.0	0.0	0.0	60.2	9.5	-1.8	0.0	0.0	7.8	0.0	1.0	-22.0
8816	638848.10	4873518.04	324.10	1	DEN	8000	52.3	-0.7	0.0	0.0	0.0	60.2	33.9	-1.8	0.0	0.0	8.7	0.0	1.0	-50.5
8891	638680.79	4873557.86	325.81	0	DEN	32	29.0	24.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-14.3
8891	638680.79	4873557.86	325.81	0	DEN	63	37.2	24.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-6.2
8891	638680.79	4873557.86	325.81	0	DEN	125	43.3	24.2	0.0	0.0	0.0	62.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-0.2
8891	638680.79	4873557.86	325.81	0	DEN	250	48.8	24.2	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	5.0
8891	638680.79	4873557.86	325.81	0	DEN	500	54.2	24.2	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	9.9
8891	638680.79	4873557.86	325.81	0	DEN	1000	60.4	24.2	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	15.3
8891	638680.79	4873557.86	325.81	0	DEN	2000	59.6	24.2	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	11.8
8891	638680.79	4873557.86	325.81	0	DEN	4000	55.4	24.2	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.3	0.0	0.0	-2.0
8891	638680.79	4873557.86	325.81	0	DEN	8000	52.3	24.2	0.0	0.0	0.0	62.7	45.1	-2.1	0.0	0.0	9.4	0.0	0.0	-38.7
8898	638728.48	4873537.03	324.42	0	DEN	32	29.0	23.0	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-14.8
8898	638728.48	4873537.03	324.42	0	DEN	63	37.2	23.0	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-6.7
8898	638728.48	4873537.03	324.42	0	DEN	125	43.3	23.0	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-0.7
8898	638728.48	4873537.03	324.42	0	DEN	250	48.8	23.0	0.0	0.0	0.0	62.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	4.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8898	638728.48	4873537.03	324.42	0	DEN	500	54.2	23.0	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	9.5
8898	638728.48	4873537.03	324.42	0	DEN	1000	60.4	23.0	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	14.9
8898	638728.48	4873537.03	324.42	0	DEN	2000	59.6	23.0	0.0	0.0	0.0	62.1	3.5	-2.0	0.0	0.0	7.6	0.0	0.0	11.5
8898	638728.48	4873537.03	324.42	0	DEN	4000	55.4	23.0	0.0	0.0	0.0	62.1	11.7	-2.0	0.0	0.0	8.3	0.0	0.0	-1.6
8898	638728.48	4873537.03	324.42	0	DEN	8000	52.3	23.0	0.0	0.0	0.0	62.1	41.8	-2.0	0.0	0.0	9.4	0.0	0.0	-36.0
9055	638725.28	4873493.16	323.43	0	DEN	32	29.0	23.1	0.0	0.0	0.0	62.8	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-15.5
9055	638725.28	4873493.16	323.43	0	DEN	63	37.2	23.1	0.0	0.0	0.0	62.8	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-7.4
9055	638725.28	4873493.16	323.43	0	DEN	125	43.3	23.1	0.0	0.0	0.0	62.8	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-1.4
9055	638725.28	4873493.16	323.43	0	DEN	250	48.8	23.1	0.0	0.0	0.0	62.8	0.4	1.1	0.0	0.0	3.7	0.0	0.0	3.8
9055	638725.28	4873493.16	323.43	0	DEN	500	54.2	23.1	0.0	0.0	0.0	62.8	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	8.8
9055	638725.28	4873493.16	323.43	0	DEN	1000	60.4	23.1	0.0	0.0	0.0	62.8	1.4	-2.1	0.0	0.0	7.1	0.0	0.0	14.2
9055	638725.28	4873493.16	323.43	0	DEN	2000	59.6	23.1	0.0	0.0	0.0	62.8	3.8	-2.1	0.0	0.0	7.3	0.0	0.0	10.9
9055	638725.28	4873493.16	323.43	0	DEN	4000	55.4	23.1	0.0	0.0	0.0	62.8	12.7	-2.1	0.0	0.0	7.8	0.0	0.0	-2.7
9055	638725.28	4873493.16	323.43	0	DEN	8000	52.3	23.1	0.0	0.0	0.0	62.8	45.4	-2.1	0.0	0.0	8.5	0.0	0.0	-39.2
9357	638609.44	4873663.10	328.91	0	DEN	32	29.0	21.1	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-18.0
9357	638609.44	4873663.10	328.91	0	DEN	63	37.2	21.1	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-9.9
9357	638609.44	4873663.10	328.91	0	DEN	125	43.3	21.1	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-3.9
9357	638609.44	4873663.10	328.91	0	DEN	250	48.8	21.1	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.8	0.0	0.0	1.3
9357	638609.44	4873663.10	328.91	0	DEN	500	54.2	21.1	0.0	0.0	0.0	63.3	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	6.3
9357	638609.44	4873663.10	328.91	0	DEN	1000	60.4	21.1	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.3	0.0	0.0	11.6
9357	638609.44	4873663.10	328.91	0	DEN	2000	59.6	21.1	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.6	0.0	0.0	8.0
9357	638609.44	4873663.10	328.91	0	DEN	4000	55.4	21.1	0.0	0.0	0.0	63.3	13.6	-2.2	0.0	0.0	8.1	0.0	0.0	-6.4
9357	638609.44	4873663.10	328.91	0	DEN	8000	52.3	21.1	0.0	0.0	0.0	63.3	48.4	-2.2	0.0	0.0	9.1	0.0	0.0	-45.2
9432	638539.35	4873738.59	331.42	0	DEN	32	29.0	22.2	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-18.1
9432	638539.35	4873738.59	331.42	0	DEN	63	37.2	22.2	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-10.0
9432	638539.35	4873738.59	331.42	0	DEN	125	43.3	22.2	0.0	0.0	0.0	64.5	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-4.0
9432	638539.35	4873738.59	331.42	0	DEN	250	48.8	22.2	0.0	0.0	0.0	64.5	0.5	1.0	0.0	0.0	3.8	0.0	0.0	1.2
9432	638539.35	4873738.59	331.42	0	DEN	500	54.2	22.2	0.0	0.0	0.0	64.5	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	6.1
9432	638539.35	4873738.59	331.42	0	DEN	1000	60.4	22.2	0.0	0.0	0.0	64.5	1.7	-2.3	0.0	0.0	7.1	0.0	0.0	11.4
9432	638539.35	4873738.59	331.42	0	DEN	2000	59.6	22.2	0.0	0.0	0.0	64.5	4.6	-2.3	0.0	0.0	7.2	0.0	0.0	7.7
9432	638539.35	4873738.59	331.42	0	DEN	4000	55.4	22.2	0.0	0.0	0.0	64.5	15.6	-2.3	0.0	0.0	7.5	0.0	0.0	-7.7
9432	638539.35	4873738.59	331.42	0	DEN	8000	52.3	22.2	0.0	0.0	0.0	64.5	55.5	-2.3	0.0	0.0	7.8	0.0	0.0	-51.1
9439	638529.59	4873771.57	332.19	1	DEN	4000	55.4	3.0	0.0	0.0	0.0	67.5	22.0	-2.9	0.0	0.0	7.7	0.0	2.0	-37.9
9439	638529.59	4873771.57	332.19	1	DEN	8000	52.3	3.0	0.0	0.0	0.0	67.5	78.3	-2.9	0.0	0.0	7.7	0.0	2.0	-97.4
9445	638840.83	4873515.61	324.16	0	DEN	32	29.0	-15.3	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-51.5
9445	638840.83	4873515.61	324.16	0	DEN	63	37.2	-15.3	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-43.3
9445	638840.83	4873515.61	324.16	0	DEN	125	43.3	-15.3	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-37.3
9445	638840.83	4873515.61	324.16	0	DEN	250	48.8	-15.3	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-32.0
9445	638840.83	4873515.61	324.16	0	DEN	500	54.2	-15.3	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-27.0
9445	638840.83	4873515.61	324.16	0	DEN	1000	60.4	-15.3	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-21.4
9445	638840.83	4873515.61	324.16	0	DEN	2000	59.6	-15.3	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-24.3
9445	638840.83	4873515.61	324.16	0	DEN	4000	55.4	-15.3	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-35.8
9445	638840.83	4873515.61	324.16	0	DEN	8000	52.3	-15.3	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-64.6
9451	638833.85	4873522.25	324.36	0	DEN	32	29.0	7.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-28.6
9451	638833.85	4873522.25	324.36	0	DEN	63	37.2	7.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-20.4
9451	638833.85	4873522.25	324.36	0	DEN	125	43.3	7.5	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-14.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9451	638833.85	4873522.25	324.36	0	DEN	250	48.8	7.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-9.2
9451	638833.85	4873522.25	324.36	0	DEN	500	54.2	7.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-4.1
9451	638833.85	4873522.25	324.36	0	DEN	1000	60.4	7.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	1.4
9451	638833.85	4873522.25	324.36	0	DEN	2000	59.6	7.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-1.4
9451	638833.85	4873522.25	324.36	0	DEN	4000	55.4	7.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-12.9
9451	638833.85	4873522.25	324.36	0	DEN	8000	52.3	7.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-41.6
9457	638802.22	4873552.61	325.23	0	DEN	32	29.0	11.7	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-24.4
9457	638802.22	4873552.61	325.23	0	DEN	63	37.2	11.7	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-16.3
9457	638802.22	4873552.61	325.23	0	DEN	125	43.3	11.7	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-10.3
9457	638802.22	4873552.61	325.23	0	DEN	250	48.8	11.7	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-5.0
9457	638802.22	4873552.61	325.23	0	DEN	500	54.2	11.7	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	0.0
9457	638802.22	4873552.61	325.23	0	DEN	1000	60.4	11.7	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	5.5
9457	638802.22	4873552.61	325.23	0	DEN	2000	59.6	11.7	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	2.6
9457	638802.22	4873552.61	325.23	0	DEN	4000	55.4	11.7	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	8.1	0.0	0.0	-9.1
9457	638802.22	4873552.61	325.23	0	DEN	8000	52.3	11.7	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.2	0.0	0.0	-37.8
9464	638777.67	4873576.30	325.91	0	DEN	32	29.0	8.7	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-27.6
9464	638777.67	4873576.30	325.91	0	DEN	63	37.2	8.7	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-19.4
9464	638777.67	4873576.30	325.91	0	DEN	125	43.3	8.7	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-13.4
9464	638777.67	4873576.30	325.91	0	DEN	250	48.8	8.7	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-8.2
9464	638777.67	4873576.30	325.91	0	DEN	500	54.2	8.7	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-3.2
9464	638777.67	4873576.30	325.91	0	DEN	1000	60.4	8.7	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	2.2
9464	638777.67	4873576.30	325.91	0	DEN	2000	59.6	8.7	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-0.9
9464	638777.67	4873576.30	325.91	0	DEN	4000	55.4	8.7	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-12.8
9464	638777.67	4873576.30	325.91	0	DEN	8000	52.3	8.7	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-42.1
9471	638728.44	4873623.53	327.27	0	DEN	32	29.0	8.7	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-28.1
9471	638728.44	4873623.53	327.27	0	DEN	63	37.2	8.7	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-19.9
9471	638728.44	4873623.53	327.27	0	DEN	125	43.3	8.7	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-14.0
9471	638728.44	4873623.53	327.27	0	DEN	250	48.8	8.7	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-8.8
9471	638728.44	4873623.53	327.27	0	DEN	500	54.2	8.7	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-3.9
9471	638728.44	4873623.53	327.27	0	DEN	1000	60.4	8.7	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	1.4
9471	638728.44	4873623.53	327.27	0	DEN	2000	59.6	8.7	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-2.0
9471	638728.44	4873623.53	327.27	0	DEN	4000	55.4	8.7	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-14.6
9471	638728.44	4873623.53	327.27	0	DEN	8000	52.3	8.7	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-45.7
9479	638728.48	4873623.58	327.27	0	DEN	32	29.0	5.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-31.1
9479	638728.48	4873623.58	327.27	0	DEN	63	37.2	5.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-23.0
9479	638728.48	4873623.58	327.27	0	DEN	125	43.3	5.6	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-17.0
9479	638728.48	4873623.58	327.27	0	DEN	250	48.8	5.6	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-11.8
9479	638728.48	4873623.58	327.27	0	DEN	500	54.2	5.6	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-6.9
9479	638728.48	4873623.58	327.27	0	DEN	1000	60.4	5.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-1.6
9479	638728.48	4873623.58	327.27	0	DEN	2000	59.6	5.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-5.0
9479	638728.48	4873623.58	327.27	0	DEN	4000	55.4	5.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-17.6
9479	638728.48	4873623.58	327.27	0	DEN	8000	52.3	5.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-48.7
9487	638777.71	4873576.35	325.91	0	DEN	32	29.0	5.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-30.6
9487	638777.71	4873576.35	325.91	0	DEN	63	37.2	5.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-22.4
9487	638777.71	4873576.35	325.91	0	DEN	125	43.3	5.6	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-16.4
9487	638777.71	4873576.35	325.91	0	DEN	250	48.8	5.6	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-11.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9487	638777.71	4873576.35	325.91	0	DEN	500	54.2	5.6	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-6.2
9487	638777.71	4873576.35	325.91	0	DEN	1000	60.4	5.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-0.8
9487	638777.71	4873576.35	325.91	0	DEN	2000	59.6	5.6	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-3.9
9487	638777.71	4873576.35	325.91	0	DEN	4000	55.4	5.6	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-15.8
9487	638777.71	4873576.35	325.91	0	DEN	8000	52.3	5.6	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-45.1
9494	638703.90	4873647.24	327.95	0	DEN	32	29.0	8.7	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-28.5
9494	638703.90	4873647.24	327.95	0	DEN	63	37.2	8.7	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-20.3
9494	638703.90	4873647.24	327.95	0	DEN	125	43.3	8.7	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-14.4
9494	638703.90	4873647.24	327.95	0	DEN	250	48.8	8.7	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-9.2
9494	638703.90	4873647.24	327.95	0	DEN	500	54.2	8.7	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-4.3
9494	638703.90	4873647.24	327.95	0	DEN	1000	60.4	8.7	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	1.0
9494	638703.90	4873647.24	327.95	0	DEN	2000	59.6	8.7	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-2.4
9494	638703.90	4873647.24	327.95	0	DEN	4000	55.4	8.7	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-15.2
9494	638703.90	4873647.24	327.95	0	DEN	8000	52.3	8.7	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-47.4
9502	638654.68	4873694.49	329.31	0	DEN	32	29.0	8.7	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-29.4
9502	638654.68	4873694.49	329.31	0	DEN	63	37.2	8.7	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-21.2
9502	638654.68	4873694.49	329.31	0	DEN	125	43.3	8.7	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-15.3
9502	638654.68	4873694.49	329.31	0	DEN	250	48.8	8.7	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-10.0
9502	638654.68	4873694.49	329.31	0	DEN	500	54.2	8.7	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-5.1
9502	638654.68	4873694.49	329.31	0	DEN	1000	60.4	8.7	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	0.3
9502	638654.68	4873694.49	329.31	0	DEN	2000	59.6	8.7	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-3.1
9502	638654.68	4873694.49	329.31	0	DEN	4000	55.4	8.7	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-16.4
9502	638654.68	4873694.49	329.31	0	DEN	8000	52.3	8.7	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-51.2
9510	638630.11	4873718.16	329.99	0	DEN	32	29.0	5.6	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-32.9
9510	638630.11	4873718.16	329.99	0	DEN	63	37.2	5.6	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-24.7
9510	638630.11	4873718.16	329.99	0	DEN	125	43.3	5.6	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-18.8
9510	638630.11	4873718.16	329.99	0	DEN	250	48.8	5.6	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-13.5
9510	638630.11	4873718.16	329.99	0	DEN	500	54.2	5.6	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-8.6
9510	638630.11	4873718.16	329.99	0	DEN	1000	60.4	5.6	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-3.2
9510	638630.11	4873718.16	329.99	0	DEN	2000	59.6	5.6	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-6.6
9510	638630.11	4873718.16	329.99	0	DEN	4000	55.4	5.6	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-20.2
9510	638630.11	4873718.16	329.99	0	DEN	8000	52.3	5.6	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-56.6
9518	638580.91	4873765.43	331.35	0	DEN	32	29.0	5.6	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-33.9
9518	638580.91	4873765.43	331.35	0	DEN	63	37.2	5.6	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-25.7
9518	638580.91	4873765.43	331.35	0	DEN	125	43.3	5.6	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-19.8
9518	638580.91	4873765.43	331.35	0	DEN	250	48.8	5.6	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-14.6
9518	638580.91	4873765.43	331.35	0	DEN	500	54.2	5.6	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-9.6
9518	638580.91	4873765.43	331.35	0	DEN	1000	60.4	5.6	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-4.2
9518	638580.91	4873765.43	331.35	0	DEN	2000	59.6	5.6	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-7.7
9518	638580.91	4873765.43	331.35	0	DEN	4000	55.4	5.6	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-22.2
9518	638580.91	4873765.43	331.35	0	DEN	8000	52.3	5.6	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-62.2
9524	638840.67	4873515.62	324.16	1	DEN	500	54.2	-12.1	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-24.8
9524	638840.67	4873515.62	324.16	1	DEN	1000	60.4	-12.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-19.3
9524	638840.67	4873515.62	324.16	1	DEN	2000	59.6	-12.1	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-22.1
9524	638840.67	4873515.62	324.16	1	DEN	4000	55.4	-12.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-33.7
9524	638840.67	4873515.62	324.16	1	DEN	8000	52.3	-12.1	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-62.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9531	638682.94	4873667.34	328.53	1	DEN	8000	52.3	2.1	0.0	0.0	0.0	65.3	60.7	-2.0	0.0	0.0	6.8	0.0	1.0	-77.4
9543	638534.73	4873809.83	332.63	1	DEN	4000	55.4	-18.6	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-57.8
9543	638534.73	4873809.83	332.63	1	DEN	8000	52.3	-18.6	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-114.0
9855	638979.37	4873563.01	321.88	0	DEN	32	29.0	12.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-19.8
9855	638979.37	4873563.01	321.88	0	DEN	63	37.2	12.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-11.8
9855	638979.37	4873563.01	321.88	0	DEN	125	43.3	12.8	0.0	0.0	0.0	56.7	0.1	1.6	0.0	0.0	3.5	0.0	0.0	-5.9
9855	638979.37	4873563.01	321.88	0	DEN	250	48.8	12.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.4	0.0	0.0	-0.9
9855	638979.37	4873563.01	321.88	0	DEN	500	54.2	12.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.0	0.0	0.0	3.7
9855	638979.37	4873563.01	321.88	0	DEN	1000	60.4	12.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.4	0.0	0.0	8.5
9855	638979.37	4873563.01	321.88	0	DEN	2000	59.6	12.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.0	0.0	0.0	5.0
9855	638979.37	4873563.01	321.88	0	DEN	4000	55.4	12.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.0	0.0	0.0	-5.7
9855	638979.37	4873563.01	321.88	0	DEN	8000	52.3	12.8	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	14.4	0.0	0.0	-27.5
9861	639001.44	4873571.36	321.47	1	DEN	250	48.8	-20.9	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-37.0
9861	639001.44	4873571.36	321.47	1	DEN	500	54.2	-20.9	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-33.3
9861	639001.44	4873571.36	321.47	1	DEN	1000	60.4	-20.9	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-29.4
9861	639001.44	4873571.36	321.47	1	DEN	2000	59.6	-20.9	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.3	0.0	1.0	-33.8
9861	639001.44	4873571.36	321.47	1	DEN	4000	55.4	-20.9	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-45.0
9861	639001.44	4873571.36	321.47	1	DEN	8000	52.3	-20.9	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.8	0.0	1.0	-66.7
9868	639001.02	4873571.20	321.48	1	DEN	250	48.8	-19.1	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-35.1
9868	639001.02	4873571.20	321.48	1	DEN	500	54.2	-19.1	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-31.3
9868	639001.02	4873571.20	321.48	1	DEN	1000	60.4	-19.1	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-27.5
9868	639001.02	4873571.20	321.48	1	DEN	2000	59.6	-19.1	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-31.8
9868	639001.02	4873571.20	321.48	1	DEN	4000	55.4	-19.1	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-43.0
9868	639001.02	4873571.20	321.48	1	DEN	8000	52.3	-19.1	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.6	0.0	1.0	-64.7
9875	638988.36	4873566.35	321.67	1	DEN	250	48.8	8.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-6.1
9875	638988.36	4873566.35	321.67	1	DEN	500	54.2	8.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.4	0.0	1.0	-1.7
9875	638988.36	4873566.35	321.67	1	DEN	1000	60.4	8.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	9.0	0.0	1.0	2.9
9875	638988.36	4873566.35	321.67	1	DEN	2000	59.6	8.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.8	0.0	1.0	-0.8
9875	638988.36	4873566.35	321.67	1	DEN	4000	55.4	8.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	13.1	0.0	1.0	-11.7
9875	638988.36	4873566.35	321.67	1	DEN	8000	52.3	8.8	0.0	0.0	0.0	56.7	22.5	-1.2	0.0	0.0	15.6	0.0	1.0	-33.6
9881	638980.27	4873563.26	321.79	1	DEN	250	48.8	3.5	0.0	0.0	0.0	56.9	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-11.3
9881	638980.27	4873563.26	321.79	1	DEN	500	54.2	3.5	0.0	0.0	0.0	56.9	0.4	-0.8	0.0	0.0	7.0	0.0	1.0	-6.7
9881	638980.27	4873563.26	321.79	1	DEN	1000	60.4	3.5	0.0	0.0	0.0	56.9	0.7	-1.2	0.0	0.0	8.4	0.0	1.0	-1.9
9881	638980.27	4873563.26	321.79	1	DEN	2000	59.6	3.5	0.0	0.0	0.0	56.9	1.9	-1.2	0.0	0.0	9.9	0.0	1.0	-5.4
9881	638980.27	4873563.26	321.79	1	DEN	4000	55.4	3.5	0.0	0.0	0.0	56.9	6.4	-1.2	0.0	0.0	12.0	0.0	1.0	-16.2
9881	638980.27	4873563.26	321.79	1	DEN	8000	52.3	3.5	0.0	0.0	0.0	56.9	23.0	-1.2	0.0	0.0	14.4	0.0	1.0	-38.2
9886	638975.55	4873561.55	321.94	1	DEN	250	48.8	7.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.3	0.0	1.0	-7.8
9886	638975.55	4873561.55	321.94	1	DEN	500	54.2	7.0	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.7	0.0	1.0	-3.1
9886	638975.55	4873561.55	321.94	1	DEN	1000	60.4	7.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	8.0	0.0	1.0	1.9
9886	638975.55	4873561.55	321.94	1	DEN	2000	59.6	7.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.4	0.0	1.0	-1.5
9886	638975.55	4873561.55	321.94	1	DEN	4000	55.4	7.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.3	0.0	1.0	-12.1
9886	638975.55	4873561.55	321.94	1	DEN	8000	52.3	7.0	0.0	0.0	0.0	57.0	23.2	-1.2	0.0	0.0	13.6	0.0	1.0	-34.3
9891	638967.33	4873558.64	322.25	1	DEN	250	48.8	6.0	0.0	0.0	0.0	57.1	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-8.7
9891	638967.33	4873558.64	322.25	1	DEN	500	54.2	6.0	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-3.9
9891	638967.33	4873558.64	322.25	1	DEN	1000	60.4	6.0	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	1.2
9891	638967.33	4873558.64	322.25	1	DEN	2000	59.6	6.0	0.0	0.0	0.0	57.1	2.0	-1.3	0.0	0.0	8.8	0.0	1.0	-2.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9891	638967.33	4873558.64	322.25	1	DEN	4000	55.4	6.0	0.0	0.0	0.0	57.1	6.7	-1.3	0.0	0.0	10.4	0.0	1.0	-12.5
9891	638967.33	4873558.64	322.25	1	DEN	8000	52.3	6.0	0.0	0.0	0.0	57.1	23.7	-1.3	0.0	0.0	12.5	0.0	1.0	-34.8
9895	638959.15	4873555.75	322.56	1	DEN	125	43.3	-7.3	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-27.3
9895	638959.15	4873555.75	322.56	1	DEN	250	48.8	-7.3	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-22.1
9895	638959.15	4873555.75	322.56	1	DEN	500	54.2	-7.3	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-17.3
9895	638959.15	4873555.75	322.56	1	DEN	1000	60.4	-7.3	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-12.0
9895	638959.15	4873555.75	322.56	1	DEN	2000	59.6	-7.3	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-15.1
9895	638959.15	4873555.75	322.56	1	DEN	4000	55.4	-7.3	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	9.8	0.0	1.0	-25.6
9895	638959.15	4873555.75	322.56	1	DEN	8000	52.3	-7.3	0.0	0.0	0.0	57.3	24.2	-1.3	0.0	0.0	11.8	0.0	1.0	-48.1
9919	638533.32	4873747.31	331.69	0	DEN	32	29.0	20.9	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-19.5
9919	638533.32	4873747.31	331.69	0	DEN	63	37.2	20.9	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-11.4
9919	638533.32	4873747.31	331.69	0	DEN	125	43.3	20.9	0.0	0.0	0.0	64.6	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-5.4
9919	638533.32	4873747.31	331.69	0	DEN	250	48.8	20.9	0.0	0.0	0.0	64.6	0.5	0.9	0.0	0.0	3.9	0.0	0.0	-0.2
9919	638533.32	4873747.31	331.69	0	DEN	500	54.2	20.9	0.0	0.0	0.0	64.6	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	4.7
9919	638533.32	4873747.31	331.69	0	DEN	1000	60.4	20.9	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	10.1
9919	638533.32	4873747.31	331.69	0	DEN	2000	59.6	20.9	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.2	0.0	0.0	6.3
9919	638533.32	4873747.31	331.69	0	DEN	4000	55.4	20.9	0.0	0.0	0.0	64.6	15.7	-2.3	0.0	0.0	7.4	0.0	0.0	-9.2
9919	638533.32	4873747.31	331.69	0	DEN	8000	52.3	20.9	0.0	0.0	0.0	64.6	56.2	-2.3	0.0	0.0	7.8	0.0	0.0	-53.1
9926	638529.31	4873769.80	332.17	1	DEN	4000	55.4	7.1	0.0	0.0	0.0	67.5	22.0	-2.9	0.0	0.0	7.7	0.0	2.0	-33.9
9926	638529.31	4873769.80	332.17	1	DEN	8000	52.3	7.1	0.0	0.0	0.0	67.5	78.5	-2.9	0.0	0.0	7.7	0.0	2.0	-93.5
0172	638953.08	4873554.31	322.60	0	DEN	32	29.0	9.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.2
0172	638953.08	4873554.31	322.60	0	DEN	63	37.2	9.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-16.0
0172	638953.08	4873554.31	322.60	0	DEN	125	43.3	9.0	0.0	0.0	0.0	57.4	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-10.1
0172	638953.08	4873554.31	322.60	0	DEN	250	48.8	9.0	0.0	0.0	0.0	57.4	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-4.9
0172	638953.08	4873554.31	322.60	0	DEN	500	54.2	9.0	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.4	0.0	0.0	-0.0
0172	638953.08	4873554.31	322.60	0	DEN	1000	60.4	9.0	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	7.4	0.0	0.0	5.2
0172	638953.08	4873554.31	322.60	0	DEN	2000	59.6	9.0	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	8.4	0.0	0.0	2.1
0172	638953.08	4873554.31	322.60	0	DEN	4000	55.4	9.0	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	10.0	0.0	0.0	-8.4
0172	638953.08	4873554.31	322.60	0	DEN	8000	52.3	9.0	0.0	0.0	0.0	57.4	24.3	-1.3	0.0	0.0	12.0	0.0	0.0	-31.0
0179	638915.09	4873540.98	323.47	0	DEN	32	29.0	9.0	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-25.2
0179	638915.09	4873540.98	323.47	0	DEN	63	37.2	9.0	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-17.0
0179	638915.09	4873540.98	323.47	0	DEN	125	43.3	9.0	0.0	0.0	0.0	58.4	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-11.0
0179	638915.09	4873540.98	323.47	0	DEN	250	48.8	9.0	0.0	0.0	0.0	58.4	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-5.8
0179	638915.09	4873540.98	323.47	0	DEN	500	54.2	9.0	0.0	0.0	0.0	58.4	0.5	-1.1	0.0	0.0	6.2	0.0	0.0	-0.7
0179	638915.09	4873540.98	323.47	0	DEN	1000	60.4	9.0	0.0	0.0	0.0	58.4	0.9	-1.5	0.0	0.0	7.0	0.0	0.0	4.7
0179	638915.09	4873540.98	323.47	0	DEN	2000	59.6	9.0	0.0	0.0	0.0	58.4	2.3	-1.5	0.0	0.0	7.6	0.0	0.0	1.9
0179	638915.09	4873540.98	323.47	0	DEN	4000	55.4	9.0	0.0	0.0	0.0	58.4	7.7	-1.5	0.0	0.0	8.6	0.0	0.0	-8.7
0179	638915.09	4873540.98	323.47	0	DEN	8000	52.3	9.0	0.0	0.0	0.0	58.4	27.4	-1.5	0.0	0.0	10.1	0.0	0.0	-33.1
0186	639001.68	4873571.45	321.47	1	DEN	250	48.8	-38.1	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-54.2
0186	639001.68	4873571.45	321.47	1	DEN	500	54.2	-38.1	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-50.5
0186	639001.68	4873571.45	321.47	1	DEN	1000	60.4	-38.1	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	12.0	0.0	1.0	-46.7
0186	639001.68	4873571.45	321.47	1	DEN	2000	59.6	-38.1	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-51.1
0186	639001.68	4873571.45	321.47	1	DEN	4000	55.4	-38.1	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-62.3
0186	639001.68	4873571.45	321.47	1	DEN	8000	52.3	-38.1	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-84.0
0193	639001.13	4873571.26	321.48	1	DEN	250	48.8	-27.9	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-43.8
0193	639001.13	4873571.26	321.48	1	DEN	500	54.2	-27.9	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-40.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0193	639001.13	4873571.26	321.48	1	DEN	1000	60.4	-27.9	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.8	0.0	1.0	-36.3
0193	639001.13	4873571.26	321.48	1	DEN	2000	59.6	-27.9	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-40.6
0193	639001.13	4873571.26	321.48	1	DEN	4000	55.4	-27.9	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-51.8
0193	639001.13	4873571.26	321.48	1	DEN	8000	52.3	-27.9	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-73.5
0201	638988.04	4873566.65	321.78	1	DEN	250	48.8	-1.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-16.6
0201	638988.04	4873566.65	321.78	1	DEN	500	54.2	-1.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-12.1
0201	638988.04	4873566.65	321.78	1	DEN	1000	60.4	-1.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-7.4
0201	638988.04	4873566.65	321.78	1	DEN	2000	59.6	-1.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-11.1
0201	638988.04	4873566.65	321.78	1	DEN	4000	55.4	-1.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-22.0
0201	638988.04	4873566.65	321.78	1	DEN	8000	52.3	-1.7	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-43.8
0218	638975.84	4873562.35	322.07	1	DEN	250	48.8	-0.9	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-15.6
0218	638975.84	4873562.35	322.07	1	DEN	500	54.2	-0.9	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-10.9
0218	638975.84	4873562.35	322.07	1	DEN	1000	60.4	-0.9	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-5.9
0218	638975.84	4873562.35	322.07	1	DEN	2000	59.6	-0.9	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-9.2
0218	638975.84	4873562.35	322.07	1	DEN	4000	55.4	-0.9	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-19.8
0218	638975.84	4873562.35	322.07	1	DEN	8000	52.3	-0.9	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-42.0
0222	638965.18	4873558.59	322.31	1	DEN	250	48.8	1.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-13.5
0222	638965.18	4873558.59	322.31	1	DEN	500	54.2	1.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-8.7
0222	638965.18	4873558.59	322.31	1	DEN	1000	60.4	1.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-3.5
0222	638965.18	4873558.59	322.31	1	DEN	2000	59.6	1.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-6.6
0222	638965.18	4873558.59	322.31	1	DEN	4000	55.4	1.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-17.2
0222	638965.18	4873558.59	322.31	1	DEN	8000	52.3	1.3	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-39.6
0227	638953.94	4873554.63	322.57	1	DEN	250	48.8	2.2	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-12.8
0227	638953.94	4873554.63	322.57	1	DEN	500	54.2	2.2	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-8.0
0227	638953.94	4873554.63	322.57	1	DEN	1000	60.4	2.2	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-2.7
0227	638953.94	4873554.63	322.57	1	DEN	2000	59.6	2.2	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-5.7
0227	638953.94	4873554.63	322.57	1	DEN	4000	55.4	2.2	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-16.2
0227	638953.94	4873554.63	322.57	1	DEN	8000	52.3	2.2	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-39.0
0240	638943.84	4873551.07	322.81	1	DEN	250	48.8	2.2	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-13.0
0240	638943.84	4873551.07	322.81	1	DEN	500	54.2	2.2	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-8.1
0240	638943.84	4873551.07	322.81	1	DEN	1000	60.4	2.2	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-2.7
0240	638943.84	4873551.07	322.81	1	DEN	2000	59.6	2.2	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-5.7
0240	638943.84	4873551.07	322.81	1	DEN	4000	55.4	2.2	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-16.3
0240	638943.84	4873551.07	322.81	1	DEN	8000	52.3	2.2	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-39.4
0246	638925.40	4873544.57	323.24	1	DEN	250	48.8	8.0	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-7.6
0246	638925.40	4873544.57	323.24	1	DEN	500	54.2	8.0	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-2.6
0246	638925.40	4873544.57	323.24	1	DEN	1000	60.4	8.0	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	2.8
0246	638925.40	4873544.57	323.24	1	DEN	2000	59.6	8.0	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-0.0
0246	638925.40	4873544.57	323.24	1	DEN	4000	55.4	8.0	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-10.6
0246	638925.40	4873544.57	323.24	1	DEN	8000	52.3	8.0	0.0	0.0	0.0	58.2	26.7	-1.4	0.0	0.0	10.4	0.0	1.0	-34.6
0250	638912.62	4873540.06	323.53	1	DEN	250	48.8	-7.3	0.0	0.0	0.0	58.5	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-23.3
0250	638912.62	4873540.06	323.53	1	DEN	500	54.2	-7.3	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.2	0.0	1.0	-18.2
0250	638912.62	4873540.06	323.53	1	DEN	1000	60.4	-7.3	0.0	0.0	0.0	58.5	0.9	-1.5	0.0	0.0	6.9	0.0	1.0	-12.8
0250	638912.62	4873540.06	323.53	1	DEN	2000	59.6	-7.3	0.0	0.0	0.0	58.5	2.3	-1.5	0.0	0.0	7.5	0.0	1.0	-15.6
0250	638912.62	4873540.06	323.53	1	DEN	4000	55.4	-7.3	0.0	0.0	0.0	58.5	7.8	-1.5	0.0	0.0	8.4	0.0	1.0	-26.2
0250	638912.62	4873540.06	323.53	1	DEN	8000	52.3	-7.3	0.0	0.0	0.0	58.5	27.8	-1.5	0.0	0.0	9.9	0.0	1.0	-50.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0254	638904.17	4873537.14	323.72	1	DEN	250	48.8	5.3	0.0	0.0	0.0	58.8	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-10.8
0254	638904.17	4873537.14	323.72	1	DEN	500	54.2	5.3	0.0	0.0	0.0	58.8	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-5.8
0254	638904.17	4873537.14	323.72	1	DEN	1000	60.4	5.3	0.0	0.0	0.0	58.8	0.9	-1.5	0.0	0.0	6.9	0.0	1.0	-0.3
0254	638904.17	4873537.14	323.72	1	DEN	2000	59.6	5.3	0.0	0.0	0.0	58.8	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-3.1
0254	638904.17	4873537.14	323.72	1	DEN	4000	55.4	5.3	0.0	0.0	0.0	58.8	8.0	-1.6	0.0	0.0	8.3	0.0	1.0	-13.8
0254	638904.17	4873537.14	323.72	1	DEN	8000	52.3	5.3	0.0	0.0	0.0	58.8	28.6	-1.6	0.0	0.0	9.6	0.0	1.0	-38.7
0269	638974.16	4873721.55	325.27	0	DEN	32	29.0	-0.1	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-22.8
0269	638974.16	4873721.55	325.27	0	DEN	63	37.2	-0.1	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-15.9
0269	638974.16	4873721.55	325.27	0	DEN	125	43.3	-0.1	0.0	0.0	0.0	45.1	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-11.6
0269	638974.16	4873721.55	325.27	0	DEN	250	48.8	-0.1	0.0	0.0	0.0	45.1	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-8.4
0269	638974.16	4873721.55	325.27	0	DEN	500	54.2	-0.1	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-5.6
0269	638974.16	4873721.55	325.27	0	DEN	1000	60.4	-0.1	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-2.3
0269	638974.16	4873721.55	325.27	0	DEN	2000	59.6	-0.1	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-6.1
0269	638974.16	4873721.55	325.27	0	DEN	4000	55.4	-0.1	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-11.5
0269	638974.16	4873721.55	325.27	0	DEN	8000	52.3	-0.1	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-18.9
0281	638949.72	4873552.95	322.69	0	DEN	32	29.0	11.7	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-21.6
0281	638949.72	4873552.95	322.69	0	DEN	63	37.2	11.7	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-13.5
0281	638949.72	4873552.95	322.69	0	DEN	125	43.3	11.7	0.0	0.0	0.0	57.5	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-7.5
0281	638949.72	4873552.95	322.69	0	DEN	250	48.8	11.7	0.0	0.0	0.0	57.5	0.2	1.9	0.0	0.0	3.2	0.0	0.0	-2.4
0281	638949.72	4873552.95	322.69	0	DEN	500	54.2	11.7	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.4	0.0	0.0	2.5
0281	638949.72	4873552.95	322.69	0	DEN	1000	60.4	11.7	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	0.0	7.8
0281	638949.72	4873552.95	322.69	0	DEN	2000	59.6	11.7	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	0.0	4.7
0281	638949.72	4873552.95	322.69	0	DEN	4000	55.4	11.7	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.8	0.0	0.0	-5.8
0281	638949.72	4873552.95	322.69	0	DEN	8000	52.3	11.7	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.8	0.0	0.0	-28.5
0285	639001.62	4873571.43	321.47	1	DEN	250	48.8	-34.2	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-50.3
0285	639001.62	4873571.43	321.47	1	DEN	500	54.2	-34.2	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-46.6
0285	639001.62	4873571.43	321.47	1	DEN	1000	60.4	-34.2	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-42.8
0285	639001.62	4873571.43	321.47	1	DEN	2000	59.6	-34.2	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-47.2
0285	639001.62	4873571.43	321.47	1	DEN	4000	55.4	-34.2	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-58.4
0285	639001.62	4873571.43	321.47	1	DEN	8000	52.3	-34.2	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-80.1
0290	639001.10	4873571.25	321.48	1	DEN	250	48.8	-26.2	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-42.2
0290	639001.10	4873571.25	321.48	1	DEN	500	54.2	-26.2	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-38.5
0290	639001.10	4873571.25	321.48	1	DEN	1000	60.4	-26.2	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-34.6
0290	639001.10	4873571.25	321.48	1	DEN	2000	59.6	-26.2	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-38.9
0290	639001.10	4873571.25	321.48	1	DEN	4000	55.4	-26.2	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-50.2
0290	639001.10	4873571.25	321.48	1	DEN	8000	52.3	-26.2	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-71.9
0295	638988.08	4873566.61	321.79	1	DEN	250	48.8	0.1	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-14.7
0295	638988.08	4873566.61	321.79	1	DEN	500	54.2	0.1	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-10.2
0295	638988.08	4873566.61	321.79	1	DEN	1000	60.4	0.1	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-5.6
0295	638988.08	4873566.61	321.79	1	DEN	2000	59.6	0.1	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-9.2
0295	638988.08	4873566.61	321.79	1	DEN	4000	55.4	0.1	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-20.1
0295	638988.08	4873566.61	321.79	1	DEN	8000	52.3	0.1	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-42.0
0300	638975.93	4873562.28	322.08	1	DEN	250	48.8	1.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-13.7
0300	638975.93	4873562.28	322.08	1	DEN	500	54.2	1.0	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-9.0
0300	638975.93	4873562.28	322.08	1	DEN	1000	60.4	1.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-4.0
0300	638975.93	4873562.28	322.08	1	DEN	2000	59.6	1.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-7.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0300	638975.93	4873562.28	322.08	1	DEN	4000	55.4	1.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-18.0
0300	638975.93	4873562.28	322.08	1	DEN	8000	52.3	1.0	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-40.1
0304	638965.30	4873558.49	322.33	1	DEN	250	48.8	3.2	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-11.6
0304	638965.30	4873558.49	322.33	1	DEN	500	54.2	3.2	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-6.8
0304	638965.30	4873558.49	322.33	1	DEN	1000	60.4	3.2	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-1.6
0304	638965.30	4873558.49	322.33	1	DEN	2000	59.6	3.2	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-4.8
0304	638965.30	4873558.49	322.33	1	DEN	4000	55.4	3.2	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-15.3
0304	638965.30	4873558.49	322.33	1	DEN	8000	52.3	3.2	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-37.7
0310	638954.10	4873554.49	322.59	1	DEN	250	48.8	4.0	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-11.0
0310	638954.10	4873554.49	322.59	1	DEN	500	54.2	4.0	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-6.1
0310	638954.10	4873554.49	322.59	1	DEN	1000	60.4	4.0	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-0.8
0310	638954.10	4873554.49	322.59	1	DEN	2000	59.6	4.0	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-3.8
0310	638954.10	4873554.49	322.59	1	DEN	4000	55.4	4.0	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-14.3
0310	638954.10	4873554.49	322.59	1	DEN	8000	52.3	4.0	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-37.1
0315	638944.07	4873550.92	322.83	1	DEN	125	43.3	4.1	0.0	0.0	0.0	57.7	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-16.3
0315	638944.07	4873550.92	322.83	1	DEN	250	48.8	4.1	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-11.1
0315	638944.07	4873550.92	322.83	1	DEN	500	54.2	4.1	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-6.2
0315	638944.07	4873550.92	322.83	1	DEN	1000	60.4	4.1	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-0.9
0315	638944.07	4873550.92	322.83	1	DEN	2000	59.6	4.1	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-3.8
0315	638944.07	4873550.92	322.83	1	DEN	4000	55.4	4.1	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.4	0.0	1.0	-14.4
0315	638944.07	4873550.92	322.83	1	DEN	8000	52.3	4.1	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-37.5
0320	638937.11	4873548.44	322.99	1	DEN	125	43.3	2.0	0.0	0.0	0.0	57.9	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-18.6
0320	638937.11	4873548.44	322.99	1	DEN	250	48.8	2.0	0.0	0.0	0.0	57.9	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-13.4
0320	638937.11	4873548.44	322.99	1	DEN	500	54.2	2.0	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-8.4
0320	638937.11	4873548.44	322.99	1	DEN	1000	60.4	2.0	0.0	0.0	0.0	57.9	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-3.0
0320	638937.11	4873548.44	322.99	1	DEN	2000	59.6	2.0	0.0	0.0	0.0	57.9	2.1	-1.4	0.0	0.0	7.9	0.0	1.0	-5.9
0320	638937.11	4873548.44	322.99	1	DEN	4000	55.4	2.0	0.0	0.0	0.0	57.9	7.2	-1.4	0.0	0.0	9.2	0.0	1.0	-16.5
0320	638937.11	4873548.44	322.99	1	DEN	8000	52.3	2.0	0.0	0.0	0.0	57.9	25.8	-1.4	0.0	0.0	10.9	0.0	1.0	-39.9
0325	638927.26	4873545.00	323.21	1	DEN	250	48.8	5.6	0.0	0.0	0.0	58.1	0.2	1.9	0.0	0.0	3.1	0.0	1.0	-10.0
0325	638927.26	4873545.00	323.21	1	DEN	500	54.2	5.6	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-5.0
0325	638927.26	4873545.00	323.21	1	DEN	1000	60.4	5.6	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	0.4
0325	638927.26	4873545.00	323.21	1	DEN	2000	59.6	5.6	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-2.4
0325	638927.26	4873545.00	323.21	1	DEN	4000	55.4	5.6	0.0	0.0	0.0	58.1	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-13.0
0325	638927.26	4873545.00	323.21	1	DEN	8000	52.3	5.6	0.0	0.0	0.0	58.1	26.6	-1.4	0.0	0.0	10.4	0.0	1.0	-36.8
0329	638912.90	4873540.02	323.54	1	DEN	250	48.8	-24.9	0.0	0.0	0.0	58.5	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-40.9
0329	638912.90	4873540.02	323.54	1	DEN	500	54.2	-24.9	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.2	0.0	1.0	-35.8
0329	638912.90	4873540.02	323.54	1	DEN	1000	60.4	-24.9	0.0	0.0	0.0	58.5	0.9	-1.5	0.0	0.0	6.9	0.0	1.0	-30.4
0329	638912.90	4873540.02	323.54	1	DEN	2000	59.6	-24.9	0.0	0.0	0.0	58.5	2.3	-1.5	0.0	0.0	7.5	0.0	1.0	-33.1
0329	638912.90	4873540.02	323.54	1	DEN	4000	55.4	-24.9	0.0	0.0	0.0	58.5	7.8	-1.5	0.0	0.0	8.4	0.0	1.0	-43.8
0329	638912.90	4873540.02	323.54	1	DEN	8000	52.3	-24.9	0.0	0.0	0.0	58.5	27.8	-1.5	0.0	0.0	9.9	0.0	1.0	-68.3
0344	638841.40	4873515.78	324.16	0	DEN	32	29.0	-20.4	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-56.5
0344	638841.40	4873515.78	324.16	0	DEN	63	37.2	-20.4	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-48.4
0344	638841.40	4873515.78	324.16	0	DEN	125	43.3	-20.4	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-42.4
0344	638841.40	4873515.78	324.16	0	DEN	250	48.8	-20.4	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-37.1
0344	638841.40	4873515.78	324.16	0	DEN	500	54.2	-20.4	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-32.0
0344	638841.40	4873515.78	324.16	0	DEN	1000	60.4	-20.4	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-26.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0344	638841.40	4873515.78	324.16	0	DEN	2000	59.6	-20.4	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-29.4
0344	638841.40	4873515.78	324.16	0	DEN	4000	55.4	-20.4	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-40.9
0344	638841.40	4873515.78	324.16	0	DEN	8000	52.3	-20.4	0.0	0.0	0.0	60.3	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-69.6
0350	638834.32	4873522.53	324.36	0	DEN	32	29.0	5.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-31.0
0350	638834.32	4873522.53	324.36	0	DEN	63	37.2	5.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-22.9
0350	638834.32	4873522.53	324.36	0	DEN	125	43.3	5.1	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-16.9
0350	638834.32	4873522.53	324.36	0	DEN	250	48.8	5.1	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-11.6
0350	638834.32	4873522.53	324.36	0	DEN	500	54.2	5.1	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-6.6
0350	638834.32	4873522.53	324.36	0	DEN	1000	60.4	5.1	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-1.0
0350	638834.32	4873522.53	324.36	0	DEN	2000	59.6	5.1	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-3.9
0350	638834.32	4873522.53	324.36	0	DEN	4000	55.4	5.1	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-15.4
0350	638834.32	4873522.53	324.36	0	DEN	8000	52.3	5.1	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-44.0
0356	638802.53	4873552.98	325.24	0	DEN	32	29.0	9.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-27.0
0356	638802.53	4873552.98	325.24	0	DEN	63	37.2	9.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-18.8
0356	638802.53	4873552.98	325.24	0	DEN	125	43.3	9.1	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-12.8
0356	638802.53	4873552.98	325.24	0	DEN	250	48.8	9.1	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-7.6
0356	638802.53	4873552.98	325.24	0	DEN	500	54.2	9.1	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-2.5
0356	638802.53	4873552.98	325.24	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	3.0
0356	638802.53	4873552.98	325.24	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	0.0
0356	638802.53	4873552.98	325.24	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-11.6
0356	638802.53	4873552.98	325.24	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	9.2	0.0	0.0	-40.3
0363	638777.93	4873576.62	325.92	0	DEN	32	29.0	6.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-30.1
0363	638777.93	4873576.62	325.92	0	DEN	63	37.2	6.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-21.9
0363	638777.93	4873576.62	325.92	0	DEN	125	43.3	6.1	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-16.0
0363	638777.93	4873576.62	325.92	0	DEN	250	48.8	6.1	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-10.7
0363	638777.93	4873576.62	325.92	0	DEN	500	54.2	6.1	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-5.7
0363	638777.93	4873576.62	325.92	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-0.3
0363	638777.93	4873576.62	325.92	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-3.4
0363	638777.93	4873576.62	325.92	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-15.3
0363	638777.93	4873576.62	325.92	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-44.6
0370	638728.67	4873623.81	327.27	0	DEN	32	29.0	6.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-30.6
0370	638728.67	4873623.81	327.27	0	DEN	63	37.2	6.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-22.5
0370	638728.67	4873623.81	327.27	0	DEN	125	43.3	6.1	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-16.5
0370	638728.67	4873623.81	327.27	0	DEN	250	48.8	6.1	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-11.3
0370	638728.67	4873623.81	327.27	0	DEN	500	54.2	6.1	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-6.4
0370	638728.67	4873623.81	327.27	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-1.2
0370	638728.67	4873623.81	327.27	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-4.5
0370	638728.67	4873623.81	327.27	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-17.1
0370	638728.67	4873623.81	327.27	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-48.2
0389	638728.70	4873623.84	327.27	0	DEN	32	29.0	3.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-33.6
0389	638728.70	4873623.84	327.27	0	DEN	63	37.2	3.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-25.5
0389	638728.70	4873623.84	327.27	0	DEN	125	43.3	3.1	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-19.5
0389	638728.70	4873623.84	327.27	0	DEN	250	48.8	3.1	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-14.3
0389	638728.70	4873623.84	327.27	0	DEN	500	54.2	3.1	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-9.4
0389	638728.70	4873623.84	327.27	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-4.2
0389	638728.70	4873623.84	327.27	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-7.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0389	638728.70	4873623.84	327.27	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-20.1
0389	638728.70	4873623.84	327.27	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-51.2
0397	638777.96	4873576.65	325.92	0	DEN	32	29.0	3.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-33.1
0397	638777.96	4873576.65	325.92	0	DEN	63	37.2	3.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-24.9
0397	638777.96	4873576.65	325.92	0	DEN	125	43.3	3.1	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-19.0
0397	638777.96	4873576.65	325.92	0	DEN	250	48.8	3.1	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-13.7
0397	638777.96	4873576.65	325.92	0	DEN	500	54.2	3.1	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-8.7
0397	638777.96	4873576.65	325.92	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-3.3
0397	638777.96	4873576.65	325.92	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-6.4
0397	638777.96	4873576.65	325.92	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-18.3
0397	638777.96	4873576.65	325.92	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-47.6
0404	638704.08	4873647.46	327.95	0	DEN	32	29.0	6.1	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-31.0
0404	638704.08	4873647.46	327.95	0	DEN	63	37.2	6.1	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-22.9
0404	638704.08	4873647.46	327.95	0	DEN	125	43.3	6.1	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-16.9
0404	638704.08	4873647.46	327.95	0	DEN	250	48.8	6.1	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-11.7
0404	638704.08	4873647.46	327.95	0	DEN	500	54.2	6.1	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-6.8
0404	638704.08	4873647.46	327.95	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-1.5
0404	638704.08	4873647.46	327.95	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-4.9
0404	638704.08	4873647.46	327.95	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-17.8
0404	638704.08	4873647.46	327.95	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	61.3	38.2	-1.9	0.0	0.0	10.7	0.0	0.0	-49.9
0410	638654.82	4873694.66	329.31	0	DEN	32	29.0	6.1	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-31.9
0410	638654.82	4873694.66	329.31	0	DEN	63	37.2	6.1	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-23.8
0410	638654.82	4873694.66	329.31	0	DEN	125	43.3	6.1	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-17.8
0410	638654.82	4873694.66	329.31	0	DEN	250	48.8	6.1	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-12.6
0410	638654.82	4873694.66	329.31	0	DEN	500	54.2	6.1	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-7.6
0410	638654.82	4873694.66	329.31	0	DEN	1000	60.4	6.1	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-2.2
0410	638654.82	4873694.66	329.31	0	DEN	2000	59.6	6.1	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-5.6
0410	638654.82	4873694.66	329.31	0	DEN	4000	55.4	6.1	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-18.9
0410	638654.82	4873694.66	329.31	0	DEN	8000	52.3	6.1	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-53.7
0417	638630.22	4873718.28	329.99	0	DEN	32	29.0	3.1	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-35.4
0417	638630.22	4873718.28	329.99	0	DEN	63	37.2	3.1	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-27.3
0417	638630.22	4873718.28	329.99	0	DEN	125	43.3	3.1	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-21.3
0417	638630.22	4873718.28	329.99	0	DEN	250	48.8	3.1	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-16.1
0417	638630.22	4873718.28	329.99	0	DEN	500	54.2	3.1	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-11.1
0417	638630.22	4873718.28	329.99	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-5.7
0417	638630.22	4873718.28	329.99	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-9.1
0417	638630.22	4873718.28	329.99	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-22.7
0417	638630.22	4873718.28	329.99	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-59.1
0424	638580.97	4873765.49	331.35	0	DEN	32	29.0	3.1	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-36.4
0424	638580.97	4873765.49	331.35	0	DEN	63	37.2	3.1	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-28.3
0424	638580.97	4873765.49	331.35	0	DEN	125	43.3	3.1	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-22.3
0424	638580.97	4873765.49	331.35	0	DEN	250	48.8	3.1	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-17.1
0424	638580.97	4873765.49	331.35	0	DEN	500	54.2	3.1	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-12.1
0424	638580.97	4873765.49	331.35	0	DEN	1000	60.4	3.1	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-6.7
0424	638580.97	4873765.49	331.35	0	DEN	2000	59.6	3.1	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-10.3
0424	638580.97	4873765.49	331.35	0	DEN	4000	55.4	3.1	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-24.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0424	638580.97	4873765.49	331.35	0	DEN	8000	52.3	3.1	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-64.7
0439	638841.31	4873515.78	324.17	1	DEN	500	54.2	-17.1	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-29.9
0439	638841.31	4873515.78	324.17	1	DEN	1000	60.4	-17.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-24.3
0439	638841.31	4873515.78	324.17	1	DEN	2000	59.6	-17.1	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-27.2
0439	638841.31	4873515.78	324.17	1	DEN	4000	55.4	-17.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-38.7
0439	638841.31	4873515.78	324.17	1	DEN	8000	52.3	-17.1	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-67.6
0446	638683.13	4873667.51	328.53	1	DEN	8000	52.3	-0.5	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-79.9
0458	638534.74	4873809.83	332.63	1	DEN	4000	55.4	-21.2	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-60.3
0458	638534.74	4873809.83	332.63	1	DEN	8000	52.3	-21.2	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-116.5
0471	638869.40	4873903.72	328.78	0	DEN	32	29.0	7.6	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-25.6
0471	638869.40	4873903.72	328.78	0	DEN	63	37.2	7.6	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-17.5
0471	638869.40	4873903.72	328.78	0	DEN	125	43.3	7.6	0.0	0.0	0.0	57.4	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-11.5
0471	638869.40	4873903.72	328.78	0	DEN	250	48.8	7.6	0.0	0.0	0.0	57.4	0.2	1.9	0.0	0.0	3.0	0.0	0.0	-6.2
0471	638869.40	4873903.72	328.78	0	DEN	500	54.2	7.6	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	-1.1
0471	638869.40	4873903.72	328.78	0	DEN	1000	60.4	7.6	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	6.8	0.0	0.0	4.4
0471	638869.40	4873903.72	328.78	0	DEN	2000	59.6	7.6	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	7.4	0.0	0.0	1.7
0471	638869.40	4873903.72	328.78	0	DEN	4000	55.4	7.6	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	8.4	0.0	0.0	-8.3
0471	638869.40	4873903.72	328.78	0	DEN	8000	52.3	7.6	0.0	0.0	0.0	57.4	24.4	-1.3	0.0	0.0	9.9	0.0	0.0	-30.4
0605	638907.28	4873901.04	328.42	0	DEN	32	29.0	7.6	0.0	0.0	0.0	56.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.5
0605	638907.28	4873901.04	328.42	0	DEN	63	37.2	7.6	0.0	0.0	0.0	56.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-16.3
0605	638907.28	4873901.04	328.42	0	DEN	125	43.3	7.6	0.0	0.0	0.0	56.2	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-10.4
0605	638907.28	4873901.04	328.42	0	DEN	250	48.8	7.6	0.0	0.0	0.0	56.2	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-5.2
0605	638907.28	4873901.04	328.42	0	DEN	500	54.2	7.6	0.0	0.0	0.0	56.2	0.4	-0.9	0.0	0.0	6.4	0.0	0.0	-0.2
0605	638907.28	4873901.04	328.42	0	DEN	1000	60.4	7.6	0.0	0.0	0.0	56.2	0.7	-1.3	0.0	0.0	7.3	0.0	0.0	5.1
0605	638907.28	4873901.04	328.42	0	DEN	2000	59.6	7.6	0.0	0.0	0.0	56.2	1.8	-1.3	0.0	0.0	8.3	0.0	0.0	2.2
0605	638907.28	4873901.04	328.42	0	DEN	4000	55.4	7.6	0.0	0.0	0.0	56.2	6.0	-1.3	0.0	0.0	9.8	0.0	0.0	-7.7
0605	638907.28	4873901.04	328.42	0	DEN	8000	52.3	7.6	0.0	0.0	0.0	56.2	21.3	-1.3	0.0	0.0	11.8	0.0	0.0	-28.1
0638	638995.34	4873568.44	321.73	0	DEN	32	29.0	11.2	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-21.1
0638	638995.34	4873568.44	321.73	0	DEN	63	37.2	11.2	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-13.2
0638	638995.34	4873568.44	321.73	0	DEN	125	43.3	11.2	0.0	0.0	0.0	56.4	0.1	1.8	0.0	0.0	3.8	0.0	0.0	-7.5
0638	638995.34	4873568.44	321.73	0	DEN	250	48.8	11.2	0.0	0.0	0.0	56.4	0.2	2.2	0.0	0.0	4.0	0.0	0.0	-2.8
0638	638995.34	4873568.44	321.73	0	DEN	500	54.2	11.2	0.0	0.0	0.0	56.4	0.4	-0.8	0.0	0.0	8.1	0.0	0.0	1.3
0638	638995.34	4873568.44	321.73	0	DEN	1000	60.4	11.2	0.0	0.0	0.0	56.4	0.7	-1.2	0.0	0.0	10.0	0.0	0.0	5.6
0638	638995.34	4873568.44	321.73	0	DEN	2000	59.6	11.2	0.0	0.0	0.0	56.4	1.8	-1.2	0.0	0.0	12.1	0.0	0.0	1.6
0638	638995.34	4873568.44	321.73	0	DEN	4000	55.4	11.2	0.0	0.0	0.0	56.4	6.1	-1.2	0.0	0.0	14.6	0.0	0.0	-9.3
0638	638995.34	4873568.44	321.73	0	DEN	8000	52.3	11.2	0.0	0.0	0.0	56.4	21.7	-1.2	0.0	0.0	17.3	0.0	0.0	-30.7
0646	639001.81	4873571.06	321.48	1	DEN	250	48.8	-5.2	0.0	0.0	0.0	56.4	0.2	2.3	0.0	0.0	5.0	0.0	1.0	-21.3
0646	639001.81	4873571.06	321.48	1	DEN	500	54.2	-5.2	0.0	0.0	0.0	56.4	0.4	-0.7	0.0	0.0	9.6	0.0	1.0	-17.6
0646	639001.81	4873571.06	321.48	1	DEN	1000	60.4	-5.2	0.0	0.0	0.0	56.4	0.7	-1.1	0.0	0.0	12.0	0.0	1.0	-13.8
0646	639001.81	4873571.06	321.48	1	DEN	2000	59.6	-5.2	0.0	0.0	0.0	56.4	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-18.2
0646	639001.81	4873571.06	321.48	1	DEN	4000	55.4	-5.2	0.0	0.0	0.0	56.4	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-29.4
0646	639001.81	4873571.06	321.48	1	DEN	8000	52.3	-5.2	0.0	0.0	0.0	56.4	21.8	-1.1	0.0	0.0	20.0	0.0	1.0	-51.0
0653	639001.56	4873570.75	321.49	1	DEN	250	48.8	-2.7	0.0	0.0	0.0	56.4	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-18.7
0653	639001.56	4873570.75	321.49	1	DEN	500	54.2	-2.7	0.0	0.0	0.0	56.4	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-15.0
0653	639001.56	4873570.75	321.49	1	DEN	1000	60.4	-2.7	0.0	0.0	0.0	56.4	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-11.2
0653	639001.56	4873570.75	321.49	1	DEN	2000	59.6	-2.7	0.0	0.0	0.0	56.4	1.8	-1.1	0.0	0.0	14.3	0.0	1.0	-15.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0653	639001.56	4873570.75	321.49	1	DEN	4000	55.4	-2.7	0.0	0.0	0.0	56.4	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-26.8
0653	639001.56	4873570.75	321.49	1	DEN	8000	52.3	-2.7	0.0	0.0	0.0	56.4	21.8	-1.1	0.0	0.0	19.8	0.0	1.0	-48.4
0660	639001.27	4873570.64	321.50	1	DEN	250	48.8	-6.6	0.0	0.0	0.0	56.4	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-22.6
0660	639001.27	4873570.64	321.50	1	DEN	500	54.2	-6.6	0.0	0.0	0.0	56.4	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-18.9
0660	639001.27	4873570.64	321.50	1	DEN	1000	60.4	-6.6	0.0	0.0	0.0	56.4	0.7	-1.1	0.0	0.0	11.8	0.0	1.0	-15.0
0660	639001.27	4873570.64	321.50	1	DEN	2000	59.6	-6.6	0.0	0.0	0.0	56.4	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-19.3
0660	639001.27	4873570.64	321.50	1	DEN	4000	55.4	-6.6	0.0	0.0	0.0	56.4	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-30.5
0660	639001.27	4873570.64	321.50	1	DEN	8000	52.3	-6.6	0.0	0.0	0.0	56.4	21.8	-1.1	0.0	0.0	19.7	0.0	1.0	-52.2
0667	638994.59	4873568.15	321.75	1	DEN	250	48.8	10.7	0.0	0.0	0.0	56.6	0.2	2.2	0.0	0.0	3.9	0.0	1.0	-4.4
0667	638994.59	4873568.15	321.75	1	DEN	500	54.2	10.7	0.0	0.0	0.0	56.6	0.4	-0.8	0.0	0.0	7.8	0.0	1.0	-0.1
0667	638994.59	4873568.15	321.75	1	DEN	1000	60.4	10.7	0.0	0.0	0.0	56.6	0.7	-1.2	0.0	0.0	9.7	0.0	1.0	4.3
0667	638994.59	4873568.15	321.75	1	DEN	2000	59.6	10.7	0.0	0.0	0.0	56.6	1.8	-1.2	0.0	0.0	11.7	0.0	1.0	0.3
0667	638994.59	4873568.15	321.75	1	DEN	4000	55.4	10.7	0.0	0.0	0.0	56.6	6.2	-1.2	0.0	0.0	14.1	0.0	1.0	-10.6
0667	638994.59	4873568.15	321.75	1	DEN	8000	52.3	10.7	0.0	0.0	0.0	56.6	22.2	-1.2	0.0	0.0	16.8	0.0	1.0	-32.3
0900	638597.87	4873836.09	332.35	0	DEN	32	29.0	17.8	0.0	0.0	0.0	63.5	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.5
0900	638597.87	4873836.09	332.35	0	DEN	63	37.2	17.8	0.0	0.0	0.0	63.5	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-13.4
0900	638597.87	4873836.09	332.35	0	DEN	125	43.3	17.8	0.0	0.0	0.0	63.5	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-7.4
0900	638597.87	4873836.09	332.35	0	DEN	250	48.8	17.8	0.0	0.0	0.0	63.5	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-2.2
0900	638597.87	4873836.09	332.35	0	DEN	500	54.2	17.8	0.0	0.0	0.0	63.5	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	2.8
0900	638597.87	4873836.09	332.35	0	DEN	1000	60.4	17.8	0.0	0.0	0.0	63.5	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	8.3
0900	638597.87	4873836.09	332.35	0	DEN	2000	59.6	17.8	0.0	0.0	0.0	63.5	4.1	-2.2	0.0	0.0	7.1	0.0	0.0	4.8
0900	638597.87	4873836.09	332.35	0	DEN	4000	55.4	17.8	0.0	0.0	0.0	63.5	13.9	-2.2	0.0	0.0	7.2	0.0	0.0	-9.3
0900	638597.87	4873836.09	332.35	0	DEN	8000	52.3	17.8	0.0	0.0	0.0	63.5	49.6	-2.2	0.0	0.0	7.5	0.0	0.0	-48.3
0908	638531.83	4873812.75	332.71	1	DEN	4000	55.4	-38.6	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-77.7
0908	638531.83	4873812.75	332.71	1	DEN	8000	52.3	-38.6	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-133.4
0915	638535.39	4873814.01	332.69	1	DEN	4000	55.4	-7.3	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-46.2
0915	638535.39	4873814.01	332.69	1	DEN	8000	52.3	-7.3	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-102.1
0921	638595.52	4873835.34	332.35	0	DEN	32	29.0	17.8	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.6
0921	638595.52	4873835.34	332.35	0	DEN	63	37.2	17.8	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-13.4
0921	638595.52	4873835.34	332.35	0	DEN	125	43.3	17.8	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-7.4
0921	638595.52	4873835.34	332.35	0	DEN	250	48.8	17.8	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-2.2
0921	638595.52	4873835.34	332.35	0	DEN	500	54.2	17.8	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	2.8
0921	638595.52	4873835.34	332.35	0	DEN	1000	60.4	17.8	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	8.2
0921	638595.52	4873835.34	332.35	0	DEN	2000	59.6	17.8	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.1	0.0	0.0	4.8
0921	638595.52	4873835.34	332.35	0	DEN	4000	55.4	17.8	0.0	0.0	0.0	63.6	14.0	-2.2	0.0	0.0	7.2	0.0	0.0	-9.4
0921	638595.52	4873835.34	332.35	0	DEN	8000	52.3	17.8	0.0	0.0	0.0	63.6	49.8	-2.2	0.0	0.0	7.5	0.0	0.0	-48.6
0927	638531.83	4873812.75	332.71	1	DEN	4000	55.4	-38.3	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-77.4
0927	638531.83	4873812.75	332.71	1	DEN	8000	52.3	-38.3	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-133.1
0931	638535.39	4873814.02	332.69	1	DEN	4000	55.4	-7.0	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-45.9
0931	638535.39	4873814.02	332.69	1	DEN	8000	52.3	-7.0	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-101.8
0974	638607.93	4873673.23	329.21	0	DEN	32	29.0	17.6	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.6
0974	638607.93	4873673.23	329.21	0	DEN	63	37.2	17.6	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-13.4
0974	638607.93	4873673.23	329.21	0	DEN	125	43.3	17.6	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-7.5
0974	638607.93	4873673.23	329.21	0	DEN	250	48.8	17.6	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.8	0.0	0.0	-2.3
0974	638607.93	4873673.23	329.21	0	DEN	500	54.2	17.6	0.0	0.0	0.0	63.3	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	2.7
0974	638607.93	4873673.23	329.21	0	DEN	1000	60.4	17.6	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	8.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0974	638607.93	4873673.23	329.21	0	DEN	2000	59.6	17.6	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	4.4
0974	638607.93	4873673.23	329.21	0	DEN	4000	55.4	17.6	0.0	0.0	0.0	63.3	13.6	-2.2	0.0	0.0	8.1	0.0	0.0	-9.8
0974	638607.93	4873673.23	329.21	0	DEN	8000	52.3	17.6	0.0	0.0	0.0	63.3	48.3	-2.2	0.0	0.0	9.0	0.0	0.0	-48.6
1004	638963.21	4873557.53	322.41	0	DEN	32	29.0	10.8	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-22.1
1004	638963.21	4873557.53	322.41	0	DEN	63	37.2	10.8	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-14.0
1004	638963.21	4873557.53	322.41	0	DEN	125	43.3	10.8	0.0	0.0	0.0	57.1	0.1	1.6	0.0	0.0	3.4	0.0	0.0	-8.1
1004	638963.21	4873557.53	322.41	0	DEN	250	48.8	10.8	0.0	0.0	0.0	57.1	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-2.9
1004	638963.21	4873557.53	322.41	0	DEN	500	54.2	10.8	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.5	0.0	0.0	1.9
1004	638963.21	4873557.53	322.41	0	DEN	1000	60.4	10.8	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	7.6	0.0	0.0	7.0
1004	638963.21	4873557.53	322.41	0	DEN	2000	59.6	10.8	0.0	0.0	0.0	57.1	2.0	-1.3	0.0	0.0	8.7	0.0	0.0	3.9
1004	638963.21	4873557.53	322.41	0	DEN	4000	55.4	10.8	0.0	0.0	0.0	57.1	6.6	-1.3	0.0	0.0	10.3	0.0	0.0	-6.6
1004	638963.21	4873557.53	322.41	0	DEN	8000	52.3	10.8	0.0	0.0	0.0	57.1	23.6	-1.3	0.0	0.0	12.5	0.0	0.0	-28.8
1011	639001.54	4873571.41	321.47	1	DEN	250	48.8	-30.2	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-46.3
1011	639001.54	4873571.41	321.47	1	DEN	500	54.2	-30.2	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-42.6
1011	639001.54	4873571.41	321.47	1	DEN	1000	60.4	-30.2	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-38.8
1011	639001.54	4873571.41	321.47	1	DEN	2000	59.6	-30.2	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-43.1
1011	639001.54	4873571.41	321.47	1	DEN	4000	55.4	-30.2	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-54.3
1011	639001.54	4873571.41	321.47	1	DEN	8000	52.3	-30.2	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-76.0
1018	639001.07	4873571.23	321.48	1	DEN	250	48.8	-25.0	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-41.0
1018	639001.07	4873571.23	321.48	1	DEN	500	54.2	-25.0	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-37.2
1018	639001.07	4873571.23	321.48	1	DEN	1000	60.4	-25.0	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-33.4
1018	639001.07	4873571.23	321.48	1	DEN	2000	59.6	-25.0	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-37.7
1018	639001.07	4873571.23	321.48	1	DEN	4000	55.4	-25.0	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-48.9
1018	639001.07	4873571.23	321.48	1	DEN	8000	52.3	-25.0	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.6	0.0	1.0	-70.6
1025	638988.15	4873566.55	321.80	1	DEN	250	48.8	1.9	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-12.9
1025	638988.15	4873566.55	321.80	1	DEN	500	54.2	1.9	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-8.5
1025	638988.15	4873566.55	321.80	1	DEN	1000	60.4	1.9	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-3.8
1025	638988.15	4873566.55	321.80	1	DEN	2000	59.6	1.9	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-7.5
1025	638988.15	4873566.55	321.80	1	DEN	4000	55.4	1.9	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-18.3
1025	638988.15	4873566.55	321.80	1	DEN	8000	52.3	1.9	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-40.2
1032	638976.06	4873562.17	322.10	1	DEN	250	48.8	2.7	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-12.0
1032	638976.06	4873562.17	322.10	1	DEN	500	54.2	2.7	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-7.3
1032	638976.06	4873562.17	322.10	1	DEN	1000	60.4	2.7	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-2.3
1032	638976.06	4873562.17	322.10	1	DEN	2000	59.6	2.7	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-5.6
1032	638976.06	4873562.17	322.10	1	DEN	4000	55.4	2.7	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-16.2
1032	638976.06	4873562.17	322.10	1	DEN	8000	52.3	2.7	0.0	0.0	0.0	57.0	23.2	-1.2	0.0	0.0	13.3	0.0	1.0	-38.3
1037	638965.47	4873558.33	322.36	1	DEN	250	48.8	4.9	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-9.9
1037	638965.47	4873558.33	322.36	1	DEN	500	54.2	4.9	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-5.1
1037	638965.47	4873558.33	322.36	1	DEN	1000	60.4	4.9	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	0.1
1037	638965.47	4873558.33	322.36	1	DEN	2000	59.6	4.9	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-3.0
1037	638965.47	4873558.33	322.36	1	DEN	4000	55.4	4.9	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-13.5
1037	638965.47	4873558.33	322.36	1	DEN	8000	52.3	4.9	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-35.9
1043	638956.27	4873554.99	322.58	1	DEN	250	48.8	3.8	0.0	0.0	0.0	57.4	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-11.1
1043	638956.27	4873554.99	322.58	1	DEN	500	54.2	3.8	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-6.3
1043	638956.27	4873554.99	322.58	1	DEN	1000	60.4	3.8	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-1.0
1043	638956.27	4873554.99	322.58	1	DEN	2000	59.6	3.8	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-4.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1043	638956.27	4873554.99	322.58	1	DEN	4000	55.4	3.8	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	9.8	0.0	1.0	-14.5
1043	638956.27	4873554.99	322.58	1	DEN	8000	52.3	3.8	0.0	0.0	0.0	57.4	24.4	-1.3	0.0	0.0	11.7	0.0	1.0	-37.2
1049	638951.01	4873553.11	322.71	1	DEN	125	43.3	0.7	0.0	0.0	0.0	57.5	0.1	1.4	0.0	0.0	3.5	0.0	1.0	-19.5
1049	638951.01	4873553.11	322.71	1	DEN	250	48.8	0.7	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-14.3
1049	638951.01	4873553.11	322.71	1	DEN	500	54.2	0.7	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-9.4
1049	638951.01	4873553.11	322.71	1	DEN	1000	60.4	0.7	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-4.1
1049	638951.01	4873553.11	322.71	1	DEN	2000	59.6	0.7	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.2	0.0	1.0	-7.1
1049	638951.01	4873553.11	322.71	1	DEN	4000	55.4	0.7	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.6	0.0	1.0	-17.6
1049	638951.01	4873553.11	322.71	1	DEN	8000	52.3	0.7	0.0	0.0	0.0	57.5	24.7	-1.3	0.0	0.0	11.5	0.0	1.0	-40.5
1054	638945.14	4873551.06	322.84	1	DEN	125	43.3	2.4	0.0	0.0	0.0	57.7	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-18.0
1054	638945.14	4873551.06	322.84	1	DEN	250	48.8	2.4	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-12.8
1054	638945.14	4873551.06	322.84	1	DEN	500	54.2	2.4	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-7.8
1054	638945.14	4873551.06	322.84	1	DEN	1000	60.4	2.4	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-2.5
1054	638945.14	4873551.06	322.84	1	DEN	2000	59.6	2.4	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-5.5
1054	638945.14	4873551.06	322.84	1	DEN	4000	55.4	2.4	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-16.0
1054	638945.14	4873551.06	322.84	1	DEN	8000	52.3	2.4	0.0	0.0	0.0	57.7	25.2	-1.4	0.0	0.0	11.3	0.0	1.0	-39.1
1060	638938.16	4873548.62	322.99	1	DEN	125	43.3	-6.0	0.0	0.0	0.0	57.8	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-26.6
1060	638938.16	4873548.62	322.99	1	DEN	250	48.8	-6.0	0.0	0.0	0.0	57.8	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-21.3
1060	638938.16	4873548.62	322.99	1	DEN	500	54.2	-6.0	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-16.4
1060	638938.16	4873548.62	322.99	1	DEN	1000	60.4	-6.0	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-11.0
1060	638938.16	4873548.62	322.99	1	DEN	2000	59.6	-6.0	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.9	0.0	1.0	-13.9
1060	638938.16	4873548.62	322.99	1	DEN	4000	55.4	-6.0	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	9.2	0.0	1.0	-24.4
1060	638938.16	4873548.62	322.99	1	DEN	8000	52.3	-6.0	0.0	0.0	0.0	57.8	25.7	-1.4	0.0	0.0	10.9	0.0	1.0	-47.8
1094	638584.59	4873831.87	332.23	0	DEN	32	29.0	17.5	0.0	0.0	0.0	63.8	0.0	-4.6	0.0	0.0	9.3	0.0	0.0	-22.1
1094	638584.59	4873831.87	332.23	0	DEN	63	37.2	17.5	0.0	0.0	0.0	63.8	0.1	-4.6	0.0	0.0	9.3	0.0	0.0	-13.9
1094	638584.59	4873831.87	332.23	0	DEN	125	43.3	17.5	0.0	0.0	0.0	63.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-8.0
1094	638584.59	4873831.87	332.23	0	DEN	250	48.8	17.5	0.0	0.0	0.0	63.8	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-2.7
1094	638584.59	4873831.87	332.23	0	DEN	500	54.2	17.5	0.0	0.0	0.0	63.8	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	2.3
1094	638584.59	4873831.87	332.23	0	DEN	1000	60.4	17.5	0.0	0.0	0.0	63.8	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	7.7
1094	638584.59	4873831.87	332.23	0	DEN	2000	59.6	17.5	0.0	0.0	0.0	63.8	4.2	-2.2	0.0	0.0	7.1	0.0	0.0	4.2
1094	638584.59	4873831.87	332.23	0	DEN	4000	55.4	17.5	0.0	0.0	0.0	63.8	14.3	-2.2	0.0	0.0	7.2	0.0	0.0	-10.2
1094	638584.59	4873831.87	332.23	0	DEN	8000	52.3	17.5	0.0	0.0	0.0	63.8	51.0	-2.2	0.0	0.0	7.5	0.0	0.0	-50.3
1103	638531.83	4873812.75	332.71	1	DEN	4000	55.4	-36.7	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-75.8
1103	638531.83	4873812.75	332.71	1	DEN	8000	52.3	-36.7	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-131.5
1111	638535.40	4873814.05	332.68	1	DEN	4000	55.4	-5.5	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-44.4
1111	638535.40	4873814.05	332.68	1	DEN	8000	52.3	-5.5	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-100.3
1119	638612.98	4873840.49	331.55	0	DEN	32	29.0	14.5	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-24.6
1119	638612.98	4873840.49	331.55	0	DEN	63	37.2	14.5	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-16.4
1119	638612.98	4873840.49	331.55	0	DEN	125	43.3	14.5	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-10.4
1119	638612.98	4873840.49	331.55	0	DEN	250	48.8	14.5	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-5.2
1119	638612.98	4873840.49	331.55	0	DEN	500	54.2	14.5	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-0.2
1119	638612.98	4873840.49	331.55	0	DEN	1000	60.4	14.5	0.0	0.0	0.0	63.3	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	5.2
1119	638612.98	4873840.49	331.55	0	DEN	2000	59.6	14.5	0.0	0.0	0.0	63.3	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	1.9
1119	638612.98	4873840.49	331.55	0	DEN	4000	55.4	14.5	0.0	0.0	0.0	63.3	13.4	-2.1	0.0	0.0	7.3	0.0	0.0	-12.0
1119	638612.98	4873840.49	331.55	0	DEN	8000	52.3	14.5	0.0	0.0	0.0	63.3	47.9	-2.1	0.0	0.0	7.6	0.0	0.0	-49.9
1126	638662.13	4873857.30	330.84	0	DEN	32	29.0	9.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-28.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1126	638662.13	4873857.30	330.84	0	DEN	63	37.2	9.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-20.8
1126	638662.13	4873857.30	330.84	0	DEN	125	43.3	9.1	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-14.8
1126	638662.13	4873857.30	330.84	0	DEN	250	48.8	9.1	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-9.5
1126	638662.13	4873857.30	330.84	0	DEN	500	54.2	9.1	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-4.5
1126	638662.13	4873857.30	330.84	0	DEN	1000	60.4	9.1	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	1.0
1126	638662.13	4873857.30	330.84	0	DEN	2000	59.6	9.1	0.0	0.0	0.0	62.3	3.5	-2.0	0.0	0.0	7.1	0.0	0.0	-2.1
1126	638662.13	4873857.30	330.84	0	DEN	4000	55.4	9.1	0.0	0.0	0.0	62.3	12.0	-2.0	0.0	0.0	7.3	0.0	0.0	-15.1
1126	638662.13	4873857.30	330.84	0	DEN	8000	52.3	9.1	0.0	0.0	0.0	62.3	42.9	-2.0	0.0	0.0	7.8	0.0	0.0	-49.5
1132	638676.58	4873862.15	330.69	0	DEN	32	29.0	6.8	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-30.9
1132	638676.58	4873862.15	330.69	0	DEN	63	37.2	6.8	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-22.8
1132	638676.58	4873862.15	330.69	0	DEN	125	43.3	6.8	0.0	0.0	0.0	62.0	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-16.8
1132	638676.58	4873862.15	330.69	0	DEN	250	48.8	6.8	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-11.5
1132	638676.58	4873862.15	330.69	0	DEN	500	54.2	6.8	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-6.5
1132	638676.58	4873862.15	330.69	0	DEN	1000	60.4	6.8	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-1.0
1132	638676.58	4873862.15	330.69	0	DEN	2000	59.6	6.8	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	-4.1
1132	638676.58	4873862.15	330.69	0	DEN	4000	55.4	6.8	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.4	0.0	0.0	-16.7
1132	638676.58	4873862.15	330.69	0	DEN	8000	52.3	6.8	0.0	0.0	0.0	62.0	41.4	-2.0	0.0	0.0	7.9	0.0	0.0	-50.1
1139	638535.38	4873813.97	332.66	1	DEN	4000	55.4	-12.5	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-51.4
1139	638535.38	4873813.97	332.66	1	DEN	8000	52.3	-12.5	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-107.3
1146	638612.65	4873840.58	331.65	0	DEN	32	29.0	15.7	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-23.4
1146	638612.65	4873840.58	331.65	0	DEN	63	37.2	15.7	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-15.2
1146	638612.65	4873840.58	331.65	0	DEN	125	43.3	15.7	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-9.2
1146	638612.65	4873840.58	331.65	0	DEN	250	48.8	15.7	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-4.0
1146	638612.65	4873840.58	331.65	0	DEN	500	54.2	15.7	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	1.0
1146	638612.65	4873840.58	331.65	0	DEN	1000	60.4	15.7	0.0	0.0	0.0	63.3	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	6.5
1146	638612.65	4873840.58	331.65	0	DEN	2000	59.6	15.7	0.0	0.0	0.0	63.3	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	3.1
1146	638612.65	4873840.58	331.65	0	DEN	4000	55.4	15.7	0.0	0.0	0.0	63.3	13.5	-2.1	0.0	0.0	7.3	0.0	0.0	-10.8
1146	638612.65	4873840.58	331.65	0	DEN	8000	52.3	15.7	0.0	0.0	0.0	63.3	48.0	-2.1	0.0	0.0	7.6	0.0	0.0	-48.7
1152	638656.90	4873855.82	331.06	0	DEN	32	29.0	6.8	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-31.4
1152	638656.90	4873855.82	331.06	0	DEN	63	37.2	6.8	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-23.3
1152	638656.90	4873855.82	331.06	0	DEN	125	43.3	6.8	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-17.3
1152	638656.90	4873855.82	331.06	0	DEN	250	48.8	6.8	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-12.0
1152	638656.90	4873855.82	331.06	0	DEN	500	54.2	6.8	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-7.0
1152	638656.90	4873855.82	331.06	0	DEN	1000	60.4	6.8	0.0	0.0	0.0	62.4	1.4	-2.0	0.0	0.0	6.9	0.0	0.0	-1.5
1152	638656.90	4873855.82	331.06	0	DEN	2000	59.6	6.8	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.1	0.0	0.0	-4.7
1152	638656.90	4873855.82	331.06	0	DEN	4000	55.4	6.8	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	7.3	0.0	0.0	-17.7
1152	638656.90	4873855.82	331.06	0	DEN	8000	52.3	6.8	0.0	0.0	0.0	62.4	43.4	-2.1	0.0	0.0	7.7	0.0	0.0	-52.4
1159	638663.72	4873858.13	330.87	0	DEN	32	29.0	4.8	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-33.3
1159	638663.72	4873858.13	330.87	0	DEN	63	37.2	4.8	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-25.1
1159	638663.72	4873858.13	330.87	0	DEN	125	43.3	4.8	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-19.2
1159	638663.72	4873858.13	330.87	0	DEN	250	48.8	4.8	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-13.9
1159	638663.72	4873858.13	330.87	0	DEN	500	54.2	4.8	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-8.9
1159	638663.72	4873858.13	330.87	0	DEN	1000	60.4	4.8	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-3.4
1159	638663.72	4873858.13	330.87	0	DEN	2000	59.6	4.8	0.0	0.0	0.0	62.3	3.5	-2.0	0.0	0.0	7.1	0.0	0.0	-6.5
1159	638663.72	4873858.13	330.87	0	DEN	4000	55.4	4.8	0.0	0.0	0.0	62.3	12.0	-2.0	0.0	0.0	7.3	0.0	0.0	-19.4
1159	638663.72	4873858.13	330.87	0	DEN	8000	52.3	4.8	0.0	0.0	0.0	62.3	42.7	-2.0	0.0	0.0	7.8	0.0	0.0	-53.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1167	638535.38	4873813.98	332.66	1	DEN	4000	55.4	-11.2	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-50.1
1167	638535.38	4873813.98	332.66	1	DEN	8000	52.3	-11.2	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-106.0
1174	638841.14	4873515.68	324.16	0	DEN	32	29.0	-22.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-58.3
1174	638841.14	4873515.68	324.16	0	DEN	63	37.2	-22.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-50.2
1174	638841.14	4873515.68	324.16	0	DEN	125	43.3	-22.2	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-44.2
1174	638841.14	4873515.68	324.16	0	DEN	250	48.8	-22.2	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-38.9
1174	638841.14	4873515.68	324.16	0	DEN	500	54.2	-22.2	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-33.8
1174	638841.14	4873515.68	324.16	0	DEN	1000	60.4	-22.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-28.3
1174	638841.14	4873515.68	324.16	0	DEN	2000	59.6	-22.2	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-31.2
1174	638841.14	4873515.68	324.16	0	DEN	4000	55.4	-22.2	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-42.7
1174	638841.14	4873515.68	324.16	0	DEN	8000	52.3	-22.2	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-71.4
1179	638834.11	4873522.39	324.36	0	DEN	32	29.0	4.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-32.0
1179	638834.11	4873522.39	324.36	0	DEN	63	37.2	4.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-23.8
1179	638834.11	4873522.39	324.36	0	DEN	125	43.3	4.1	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-17.8
1179	638834.11	4873522.39	324.36	0	DEN	250	48.8	4.1	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-12.6
1179	638834.11	4873522.39	324.36	0	DEN	500	54.2	4.1	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-7.5
1179	638834.11	4873522.39	324.36	0	DEN	1000	60.4	4.1	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-2.0
1179	638834.11	4873522.39	324.36	0	DEN	2000	59.6	4.1	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-4.8
1179	638834.11	4873522.39	324.36	0	DEN	4000	55.4	4.1	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-16.3
1179	638834.11	4873522.39	324.36	0	DEN	8000	52.3	4.1	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-44.9
1183	638802.40	4873552.82	325.23	0	DEN	32	29.0	8.2	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-27.9
1183	638802.40	4873552.82	325.23	0	DEN	63	37.2	8.2	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-19.7
1183	638802.40	4873552.82	325.23	0	DEN	125	43.3	8.2	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-13.7
1183	638802.40	4873552.82	325.23	0	DEN	250	48.8	8.2	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-8.5
1183	638802.40	4873552.82	325.23	0	DEN	500	54.2	8.2	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-3.4
1183	638802.40	4873552.82	325.23	0	DEN	1000	60.4	8.2	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	2.1
1183	638802.40	4873552.82	325.23	0	DEN	2000	59.6	8.2	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-0.9
1183	638802.40	4873552.82	325.23	0	DEN	4000	55.4	8.2	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-12.5
1183	638802.40	4873552.82	325.23	0	DEN	8000	52.3	8.2	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	9.2	0.0	0.0	-41.2
1188	638777.81	4873576.47	325.91	0	DEN	32	29.0	5.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-31.0
1188	638777.81	4873576.47	325.91	0	DEN	63	37.2	5.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-22.8
1188	638777.81	4873576.47	325.91	0	DEN	125	43.3	5.2	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-16.9
1188	638777.81	4873576.47	325.91	0	DEN	250	48.8	5.2	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-11.6
1188	638777.81	4873576.47	325.91	0	DEN	500	54.2	5.2	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-6.6
1188	638777.81	4873576.47	325.91	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-1.2
1188	638777.81	4873576.47	325.91	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-4.3
1188	638777.81	4873576.47	325.91	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-16.2
1188	638777.81	4873576.47	325.91	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-45.5
1192	638728.57	4873623.69	327.27	0	DEN	32	29.0	5.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-31.5
1192	638728.57	4873623.69	327.27	0	DEN	63	37.2	5.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-23.4
1192	638728.57	4873623.69	327.27	0	DEN	125	43.3	5.2	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-17.4
1192	638728.57	4873623.69	327.27	0	DEN	250	48.8	5.2	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-12.2
1192	638728.57	4873623.69	327.27	0	DEN	500	54.2	5.2	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-7.3
1192	638728.57	4873623.69	327.27	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-2.1
1192	638728.57	4873623.69	327.27	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-5.5
1192	638728.57	4873623.69	327.27	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-18.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1192	638728.57	4873623.69	327.27	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-49.1
1196	638728.59	4873623.72	327.27	0	DEN	32	29.0	2.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-34.5
1196	638728.59	4873623.72	327.27	0	DEN	63	37.2	2.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-26.4
1196	638728.59	4873623.72	327.27	0	DEN	125	43.3	2.2	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-20.4
1196	638728.59	4873623.72	327.27	0	DEN	250	48.8	2.2	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-15.2
1196	638728.59	4873623.72	327.27	0	DEN	500	54.2	2.2	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-10.3
1196	638728.59	4873623.72	327.27	0	DEN	1000	60.4	2.2	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-5.1
1196	638728.59	4873623.72	327.27	0	DEN	2000	59.6	2.2	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-8.5
1196	638728.59	4873623.72	327.27	0	DEN	4000	55.4	2.2	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-21.0
1196	638728.59	4873623.72	327.27	0	DEN	8000	52.3	2.2	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-52.1
1202	638777.83	4873576.49	325.91	0	DEN	32	29.0	2.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-34.0
1202	638777.83	4873576.49	325.91	0	DEN	63	37.2	2.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-25.8
1202	638777.83	4873576.49	325.91	0	DEN	125	43.3	2.2	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-19.9
1202	638777.83	4873576.49	325.91	0	DEN	250	48.8	2.2	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-14.6
1202	638777.83	4873576.49	325.91	0	DEN	500	54.2	2.2	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-9.6
1202	638777.83	4873576.49	325.91	0	DEN	1000	60.4	2.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-4.2
1202	638777.83	4873576.49	325.91	0	DEN	2000	59.6	2.2	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-7.3
1202	638777.83	4873576.49	325.91	0	DEN	4000	55.4	2.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-19.3
1202	638777.83	4873576.49	325.91	0	DEN	8000	52.3	2.2	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-48.5
1208	638703.99	4873647.35	327.95	0	DEN	32	29.0	5.2	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-31.9
1208	638703.99	4873647.35	327.95	0	DEN	63	37.2	5.2	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-23.8
1208	638703.99	4873647.35	327.95	0	DEN	125	43.3	5.2	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-17.8
1208	638703.99	4873647.35	327.95	0	DEN	250	48.8	5.2	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-12.6
1208	638703.99	4873647.35	327.95	0	DEN	500	54.2	5.2	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-7.7
1208	638703.99	4873647.35	327.95	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-2.4
1208	638703.99	4873647.35	327.95	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-5.8
1208	638703.99	4873647.35	327.95	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-18.7
1208	638703.99	4873647.35	327.95	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-50.9
1213	638654.76	4873694.58	329.31	0	DEN	32	29.0	5.2	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-32.8
1213	638654.76	4873694.58	329.31	0	DEN	63	37.2	5.2	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-24.7
1213	638654.76	4873694.58	329.31	0	DEN	125	43.3	5.2	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-18.7
1213	638654.76	4873694.58	329.31	0	DEN	250	48.8	5.2	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-13.5
1213	638654.76	4873694.58	329.31	0	DEN	500	54.2	5.2	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-8.5
1213	638654.76	4873694.58	329.31	0	DEN	1000	60.4	5.2	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-3.1
1213	638654.76	4873694.58	329.31	0	DEN	2000	59.6	5.2	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-6.5
1213	638654.76	4873694.58	329.31	0	DEN	4000	55.4	5.2	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-19.8
1213	638654.76	4873694.58	329.31	0	DEN	8000	52.3	5.2	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-54.6
1220	638630.16	4873718.22	329.99	0	DEN	32	29.0	2.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-36.3
1220	638630.16	4873718.22	329.99	0	DEN	63	37.2	2.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-28.2
1220	638630.16	4873718.22	329.99	0	DEN	125	43.3	2.2	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-22.2
1220	638630.16	4873718.22	329.99	0	DEN	250	48.8	2.2	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-17.0
1220	638630.16	4873718.22	329.99	0	DEN	500	54.2	2.2	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-12.0
1220	638630.16	4873718.22	329.99	0	DEN	1000	60.4	2.2	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-6.6
1220	638630.16	4873718.22	329.99	0	DEN	2000	59.6	2.2	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-10.0
1220	638630.16	4873718.22	329.99	0	DEN	4000	55.4	2.2	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-23.6
1220	638630.16	4873718.22	329.99	0	DEN	8000	52.3	2.2	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-60.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1226	638580.94	4873765.47	331.35	0	DEN	32	29.0	2.2	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-37.3
1226	638580.94	4873765.47	331.35	0	DEN	63	37.2	2.2	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-29.2
1226	638580.94	4873765.47	331.35	0	DEN	125	43.3	2.2	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-23.2
1226	638580.94	4873765.47	331.35	0	DEN	250	48.8	2.2	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-18.0
1226	638580.94	4873765.47	331.35	0	DEN	500	54.2	2.2	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-13.0
1226	638580.94	4873765.47	331.35	0	DEN	1000	60.4	2.2	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-7.6
1226	638580.94	4873765.47	331.35	0	DEN	2000	59.6	2.2	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-11.2
1226	638580.94	4873765.47	331.35	0	DEN	4000	55.4	2.2	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-25.6
1226	638580.94	4873765.47	331.35	0	DEN	8000	52.3	2.2	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-65.6
1232	638841.07	4873515.69	324.17	1	DEN	500	54.2	-18.9	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-31.7
1232	638841.07	4873515.69	324.17	1	DEN	1000	60.4	-18.9	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-26.1
1232	638841.07	4873515.69	324.17	1	DEN	2000	59.6	-18.9	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-29.0
1232	638841.07	4873515.69	324.17	1	DEN	4000	55.4	-18.9	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-40.6
1232	638841.07	4873515.69	324.17	1	DEN	8000	52.3	-18.9	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-69.4
1237	638683.05	4873667.43	328.53	1	DEN	8000	52.3	-1.4	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-80.8
1246	638534.74	4873809.83	332.63	1	DEN	4000	55.4	-22.1	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-61.2
1246	638534.74	4873809.83	332.63	1	DEN	8000	52.3	-22.1	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-117.4
1592	638987.69	4873565.84	321.75	0	DEN	32	29.0	9.3	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-22.5
1592	638987.69	4873565.84	321.75	0	DEN	63	37.2	9.3	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-14.7
1592	638987.69	4873565.84	321.75	0	DEN	125	43.3	9.3	0.0	0.0	0.0	56.5	0.1	1.6	0.0	0.0	3.7	0.0	0.0	-9.3
1592	638987.69	4873565.84	321.75	0	DEN	250	48.8	9.3	0.0	0.0	0.0	56.5	0.2	2.1	0.0	0.0	3.7	0.0	0.0	-4.4
1592	638987.69	4873565.84	321.75	0	DEN	500	54.2	9.3	0.0	0.0	0.0	56.5	0.4	-0.8	0.0	0.0	7.5	0.0	0.0	-0.0
1592	638987.69	4873565.84	321.75	0	DEN	1000	60.4	9.3	0.0	0.0	0.0	56.5	0.7	-1.2	0.0	0.0	9.2	0.0	0.0	4.5
1592	638987.69	4873565.84	321.75	0	DEN	2000	59.6	9.3	0.0	0.0	0.0	56.5	1.8	-1.2	0.0	0.0	11.1	0.0	0.0	0.7
1592	638987.69	4873565.84	321.75	0	DEN	4000	55.4	9.3	0.0	0.0	0.0	56.5	6.2	-1.2	0.0	0.0	13.3	0.0	0.0	-10.1
1592	638987.69	4873565.84	321.75	0	DEN	8000	52.3	9.3	0.0	0.0	0.0	56.5	22.1	-1.2	0.0	0.0	15.9	0.0	0.0	-31.8
1599	639001.19	4873571.25	321.48	1	DEN	250	48.8	-16.9	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-32.9
1599	639001.19	4873571.25	321.48	1	DEN	500	54.2	-16.9	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-29.2
1599	639001.19	4873571.25	321.48	1	DEN	1000	60.4	-16.9	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.8	0.0	1.0	-25.3
1599	639001.19	4873571.25	321.48	1	DEN	2000	59.6	-16.9	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-29.6
1599	639001.19	4873571.25	321.48	1	DEN	4000	55.4	-16.9	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.9	0.0	1.0	-40.9
1599	639001.19	4873571.25	321.48	1	DEN	8000	52.3	-16.9	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-62.5
1606	638988.55	4873566.18	321.74	1	DEN	250	48.8	8.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-6.1
1606	638988.55	4873566.18	321.74	1	DEN	500	54.2	8.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.4	0.0	1.0	-1.7
1606	638988.55	4873566.18	321.74	1	DEN	1000	60.4	8.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	9.0	0.0	1.0	3.0
1606	638988.55	4873566.18	321.74	1	DEN	2000	59.6	8.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.7	0.0	1.0	-0.7
1606	638988.55	4873566.18	321.74	1	DEN	4000	55.4	8.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	13.0	0.0	1.0	-11.6
1606	638988.55	4873566.18	321.74	1	DEN	8000	52.3	8.7	0.0	0.0	0.0	56.7	22.5	-1.2	0.0	0.0	15.5	0.0	1.0	-33.4
1612	638981.98	4873563.55	321.88	1	DEN	250	48.8	-28.0	0.0	0.0	0.0	56.8	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-42.7
1612	638981.98	4873563.55	321.88	1	DEN	500	54.2	-28.0	0.0	0.0	0.0	56.8	0.4	-0.8	0.0	0.0	7.0	0.0	1.0	-38.2
1612	638981.98	4873563.55	321.88	1	DEN	1000	60.4	-28.0	0.0	0.0	0.0	56.8	0.7	-1.2	0.0	0.0	8.4	0.0	1.0	-33.4
1612	638981.98	4873563.55	321.88	1	DEN	2000	59.6	-28.0	0.0	0.0	0.0	56.8	1.9	-1.2	0.0	0.0	10.0	0.0	1.0	-36.9
1612	638981.98	4873563.55	321.88	1	DEN	4000	55.4	-28.0	0.0	0.0	0.0	56.8	6.4	-1.2	0.0	0.0	12.1	0.0	1.0	-47.7
1612	638981.98	4873563.55	321.88	1	DEN	8000	52.3	-28.0	0.0	0.0	0.0	56.8	22.8	-1.2	0.0	0.0	14.5	0.0	1.0	-69.6
1617	638981.04	4873563.20	321.77	1	DEN	250	48.8	0.2	0.0	0.0	0.0	56.8	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-14.6
1617	638981.04	4873563.20	321.77	1	DEN	500	54.2	0.2	0.0	0.0	0.0	56.8	0.4	-0.8	0.0	0.0	7.0	0.0	1.0	-10.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1617	638981.04	4873563.20	321.77	1	DEN	1000	60.4	0.2	0.0	0.0	0.0	56.8	0.7	-1.2	0.0	0.0	8.5	0.0	1.0	-5.3
1617	638981.04	4873563.20	321.77	1	DEN	2000	59.6	0.2	0.0	0.0	0.0	56.8	1.9	-1.2	0.0	0.0	10.0	0.0	1.0	-8.8
1617	638981.04	4873563.20	321.77	1	DEN	4000	55.4	0.2	0.0	0.0	0.0	56.8	6.4	-1.2	0.0	0.0	12.1	0.0	1.0	-19.6
1617	638981.04	4873563.20	321.77	1	DEN	8000	52.3	0.2	0.0	0.0	0.0	56.8	22.9	-1.2	0.0	0.0	14.6	0.0	1.0	-41.6
1638	638680.43	4873544.84	325.53	0	DEN	32	29.0	15.8	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-22.9
1638	638680.43	4873544.84	325.53	0	DEN	63	37.2	15.8	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-14.7
1638	638680.43	4873544.84	325.53	0	DEN	125	43.3	15.8	0.0	0.0	0.0	62.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-8.8
1638	638680.43	4873544.84	325.53	0	DEN	250	48.8	15.8	0.0	0.0	0.0	62.9	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-3.6
1638	638680.43	4873544.84	325.53	0	DEN	500	54.2	15.8	0.0	0.0	0.0	62.9	0.8	-1.7	0.0	0.0	6.7	0.0	0.0	1.4
1638	638680.43	4873544.84	325.53	0	DEN	1000	60.4	15.8	0.0	0.0	0.0	62.9	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	6.7
1638	638680.43	4873544.84	325.53	0	DEN	2000	59.6	15.8	0.0	0.0	0.0	62.9	3.8	-2.1	0.0	0.0	7.6	0.0	0.0	3.2
1638	638680.43	4873544.84	325.53	0	DEN	4000	55.4	15.8	0.0	0.0	0.0	62.9	12.9	-2.1	0.0	0.0	8.2	0.0	0.0	-10.6
1638	638680.43	4873544.84	325.53	0	DEN	8000	52.3	15.8	0.0	0.0	0.0	62.9	45.9	-2.1	0.0	0.0	9.2	0.0	0.0	-47.8
1673	638841.26	4873515.71	324.16	0	DEN	32	29.0	-25.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-61.7
1673	638841.26	4873515.71	324.16	0	DEN	63	37.2	-25.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-53.6
1673	638841.26	4873515.71	324.16	0	DEN	125	43.3	-25.6	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-47.6
1673	638841.26	4873515.71	324.16	0	DEN	250	48.8	-25.6	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-42.3
1673	638841.26	4873515.71	324.16	0	DEN	500	54.2	-25.6	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-37.2
1673	638841.26	4873515.71	324.16	0	DEN	1000	60.4	-25.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-31.7
1673	638841.26	4873515.71	324.16	0	DEN	2000	59.6	-25.6	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-34.6
1673	638841.26	4873515.71	324.16	0	DEN	4000	55.4	-25.6	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-46.1
1673	638841.26	4873515.71	324.16	0	DEN	8000	52.3	-25.6	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-74.8
1679	638834.22	4873522.45	324.36	0	DEN	32	29.0	2.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-33.7
1679	638834.22	4873522.45	324.36	0	DEN	63	37.2	2.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-25.5
1679	638834.22	4873522.45	324.36	0	DEN	125	43.3	2.5	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-19.5
1679	638834.22	4873522.45	324.36	0	DEN	250	48.8	2.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-14.2
1679	638834.22	4873522.45	324.36	0	DEN	500	54.2	2.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-9.2
1679	638834.22	4873522.45	324.36	0	DEN	1000	60.4	2.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-3.6
1679	638834.22	4873522.45	324.36	0	DEN	2000	59.6	2.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-6.5
1679	638834.22	4873522.45	324.36	0	DEN	4000	55.4	2.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-18.0
1679	638834.22	4873522.45	324.36	0	DEN	8000	52.3	2.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-46.6
1684	638802.47	4873552.90	325.23	0	DEN	32	29.0	6.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-29.6
1684	638802.47	4873552.90	325.23	0	DEN	63	37.2	6.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-21.4
1684	638802.47	4873552.90	325.23	0	DEN	125	43.3	6.5	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-15.4
1684	638802.47	4873552.90	325.23	0	DEN	250	48.8	6.5	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-10.2
1684	638802.47	4873552.90	325.23	0	DEN	500	54.2	6.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-5.1
1684	638802.47	4873552.90	325.23	0	DEN	1000	60.4	6.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	0.4
1684	638802.47	4873552.90	325.23	0	DEN	2000	59.6	6.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-2.6
1684	638802.47	4873552.90	325.23	0	DEN	4000	55.4	6.5	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-14.2
1684	638802.47	4873552.90	325.23	0	DEN	8000	52.3	6.5	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	9.2	0.0	0.0	-42.9
1690	638777.86	4873576.53	325.91	0	DEN	32	29.0	3.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-32.7
1690	638777.86	4873576.53	325.91	0	DEN	63	37.2	3.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-24.5
1690	638777.86	4873576.53	325.91	0	DEN	125	43.3	3.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-18.6
1690	638777.86	4873576.53	325.91	0	DEN	250	48.8	3.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-13.3
1690	638777.86	4873576.53	325.91	0	DEN	500	54.2	3.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-8.3
1690	638777.86	4873576.53	325.91	0	DEN	1000	60.4	3.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-2.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1690	638777.86	4873576.53	325.91	0	DEN	2000	59.6	3.5	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-6.0
1690	638777.86	4873576.53	325.91	0	DEN	4000	55.4	3.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-17.9
1690	638777.86	4873576.53	325.91	0	DEN	8000	52.3	3.5	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-47.2
1696	638728.62	4873623.75	327.27	0	DEN	32	29.0	3.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-33.2
1696	638728.62	4873623.75	327.27	0	DEN	63	37.2	3.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-25.1
1696	638728.62	4873623.75	327.27	0	DEN	125	43.3	3.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-19.1
1696	638728.62	4873623.75	327.27	0	DEN	250	48.8	3.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-13.9
1696	638728.62	4873623.75	327.27	0	DEN	500	54.2	3.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-9.0
1696	638728.62	4873623.75	327.27	0	DEN	1000	60.4	3.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-3.8
1696	638728.62	4873623.75	327.27	0	DEN	2000	59.6	3.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-7.2
1696	638728.62	4873623.75	327.27	0	DEN	4000	55.4	3.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-19.7
1696	638728.62	4873623.75	327.27	0	DEN	8000	52.3	3.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-50.8
1702	638728.64	4873623.77	327.27	0	DEN	32	29.0	0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-36.2
1702	638728.64	4873623.77	327.27	0	DEN	63	37.2	0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-28.1
1702	638728.64	4873623.77	327.27	0	DEN	125	43.3	0.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-22.1
1702	638728.64	4873623.77	327.27	0	DEN	250	48.8	0.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-16.9
1702	638728.64	4873623.77	327.27	0	DEN	500	54.2	0.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-12.0
1702	638728.64	4873623.77	327.27	0	DEN	1000	60.4	0.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-6.8
1702	638728.64	4873623.77	327.27	0	DEN	2000	59.6	0.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-10.2
1702	638728.64	4873623.77	327.27	0	DEN	4000	55.4	0.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-22.7
1702	638728.64	4873623.77	327.27	0	DEN	8000	52.3	0.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-53.8
1709	638777.88	4873576.55	325.91	0	DEN	32	29.0	0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-35.7
1709	638777.88	4873576.55	325.91	0	DEN	63	37.2	0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-27.5
1709	638777.88	4873576.55	325.91	0	DEN	125	43.3	0.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-21.6
1709	638777.88	4873576.55	325.91	0	DEN	250	48.8	0.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-16.3
1709	638777.88	4873576.55	325.91	0	DEN	500	54.2	0.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-11.3
1709	638777.88	4873576.55	325.91	0	DEN	1000	60.4	0.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-5.9
1709	638777.88	4873576.55	325.91	0	DEN	2000	59.6	0.5	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-9.0
1709	638777.88	4873576.55	325.91	0	DEN	4000	55.4	0.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-20.9
1709	638777.88	4873576.55	325.91	0	DEN	8000	52.3	0.5	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-50.2
1715	638704.03	4873647.39	327.95	0	DEN	32	29.0	3.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-33.6
1715	638704.03	4873647.39	327.95	0	DEN	63	37.2	3.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-25.5
1715	638704.03	4873647.39	327.95	0	DEN	125	43.3	3.5	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-19.5
1715	638704.03	4873647.39	327.95	0	DEN	250	48.8	3.5	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-14.3
1715	638704.03	4873647.39	327.95	0	DEN	500	54.2	3.5	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-9.4
1715	638704.03	4873647.39	327.95	0	DEN	1000	60.4	3.5	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-4.1
1715	638704.03	4873647.39	327.95	0	DEN	2000	59.6	3.5	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-7.5
1715	638704.03	4873647.39	327.95	0	DEN	4000	55.4	3.5	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-20.4
1715	638704.03	4873647.39	327.95	0	DEN	8000	52.3	3.5	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-52.6
1719	638654.79	4873694.62	329.31	0	DEN	32	29.0	3.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-34.5
1719	638654.79	4873694.62	329.31	0	DEN	63	37.2	3.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-26.4
1719	638654.79	4873694.62	329.31	0	DEN	125	43.3	3.5	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-20.4
1719	638654.79	4873694.62	329.31	0	DEN	250	48.8	3.5	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-15.2
1719	638654.79	4873694.62	329.31	0	DEN	500	54.2	3.5	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-10.2
1719	638654.79	4873694.62	329.31	0	DEN	1000	60.4	3.5	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-4.8
1719	638654.79	4873694.62	329.31	0	DEN	2000	59.6	3.5	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-8.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1719	638654.79	4873694.62	329.31	0	DEN	4000	55.4	3.5	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-21.5
1719	638654.79	4873694.62	329.31	0	DEN	8000	52.3	3.5	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-56.3
1727	638630.19	4873718.25	329.99	0	DEN	32	29.0	0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-38.0
1727	638630.19	4873718.25	329.99	0	DEN	63	37.2	0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-29.9
1727	638630.19	4873718.25	329.99	0	DEN	125	43.3	0.5	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-23.9
1727	638630.19	4873718.25	329.99	0	DEN	250	48.8	0.5	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-18.7
1727	638630.19	4873718.25	329.99	0	DEN	500	54.2	0.5	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-13.7
1727	638630.19	4873718.25	329.99	0	DEN	1000	60.4	0.5	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-8.3
1727	638630.19	4873718.25	329.99	0	DEN	2000	59.6	0.5	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-11.7
1727	638630.19	4873718.25	329.99	0	DEN	4000	55.4	0.5	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-25.3
1727	638630.19	4873718.25	329.99	0	DEN	8000	52.3	0.5	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-61.7
1734	638580.95	4873765.48	331.35	0	DEN	32	29.0	0.5	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-39.0
1734	638580.95	4873765.48	331.35	0	DEN	63	37.2	0.5	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-30.9
1734	638580.95	4873765.48	331.35	0	DEN	125	43.3	0.5	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-24.9
1734	638580.95	4873765.48	331.35	0	DEN	250	48.8	0.5	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-19.7
1734	638580.95	4873765.48	331.35	0	DEN	500	54.2	0.5	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-14.7
1734	638580.95	4873765.48	331.35	0	DEN	1000	60.4	0.5	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-9.3
1734	638580.95	4873765.48	331.35	0	DEN	2000	59.6	0.5	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-12.9
1734	638580.95	4873765.48	331.35	0	DEN	4000	55.4	0.5	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-27.3
1734	638580.95	4873765.48	331.35	0	DEN	8000	52.3	0.5	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-67.3
1740	638841.21	4873515.72	324.17	1	DEN	500	54.2	-22.3	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-35.1
1740	638841.21	4873515.72	324.17	1	DEN	1000	60.4	-22.3	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-29.5
1740	638841.21	4873515.72	324.17	1	DEN	2000	59.6	-22.3	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-32.4
1740	638841.21	4873515.72	324.17	1	DEN	4000	55.4	-22.3	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-44.0
1740	638841.21	4873515.72	324.17	1	DEN	8000	52.3	-22.3	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-72.8
1745	638683.09	4873667.47	328.53	1	DEN	8000	52.3	-3.1	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-82.5
1757	638534.74	4873809.83	332.63	1	DEN	4000	55.4	-23.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-62.9
1757	638534.74	4873809.83	332.63	1	DEN	8000	52.3	-23.8	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-119.1
1804	638854.99	4873919.02	328.36	0	DEN	32	29.0	10.1	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.0	0.0	0.0	-23.9
1804	638854.99	4873919.02	328.36	0	DEN	63	37.2	10.1	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-15.7
1804	638854.99	4873919.02	328.36	0	DEN	125	43.3	10.1	0.0	0.0	0.0	58.2	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-9.8
1804	638854.99	4873919.02	328.36	0	DEN	250	48.8	10.1	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	0.0	-4.5
1804	638854.99	4873919.02	328.36	0	DEN	500	54.2	10.1	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.2	0.0	0.0	0.5
1804	638854.99	4873919.02	328.36	0	DEN	1000	60.4	10.1	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	6.9	0.0	0.0	6.0
1804	638854.99	4873919.02	328.36	0	DEN	2000	59.6	10.1	0.0	0.0	0.0	58.2	2.2	-1.5	0.0	0.0	7.4	0.0	0.0	3.3
1804	638854.99	4873919.02	328.36	0	DEN	4000	55.4	10.1	0.0	0.0	0.0	58.2	7.5	-1.5	0.0	0.0	8.4	0.0	0.0	-7.1
1804	638854.99	4873919.02	328.36	0	DEN	8000	52.3	10.1	0.0	0.0	0.0	58.2	26.8	-1.5	0.0	0.0	9.8	0.0	0.0	-31.0
1811	638858.96	4873920.28	328.46	1	DEN	8000	52.3	7.0	0.0	0.0	0.0	59.1	29.6	-1.4	0.0	0.0	12.3	0.0	1.0	-41.4
1815	638862.85	4873921.52	328.57	1	DEN	8000	52.3	-11.1	0.0	0.0	0.0	59.0	29.2	-1.4	0.0	0.0	14.7	0.0	1.0	-61.3
1822	638529.61	4873797.75	332.24	0	DEN	32	29.0	16.8	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-23.8
1822	638529.61	4873797.75	332.24	0	DEN	63	37.2	16.8	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-15.6
1822	638529.61	4873797.75	332.24	0	DEN	125	43.3	16.8	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-9.7
1822	638529.61	4873797.75	332.24	0	DEN	250	48.8	16.8	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-4.5
1822	638529.61	4873797.75	332.24	0	DEN	500	54.2	16.8	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	0.5
1822	638529.61	4873797.75	332.24	0	DEN	1000	60.4	16.8	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	5.8
1822	638529.61	4873797.75	332.24	0	DEN	2000	59.6	16.8	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	2.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1822	638529.61	4873797.75	332.24	0	DEN	4000	55.4	16.8	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.3	0.0	0.0	-13.5
1822	638529.61	4873797.75	332.24	0	DEN	8000	52.3	16.8	0.0	0.0	0.0	64.7	56.8	-2.3	0.0	0.0	7.5	0.0	0.0	-57.8
1830	638531.67	4873812.52	332.69	1	DEN	4000	55.4	-18.9	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-58.1
1830	638531.67	4873812.52	332.69	1	DEN	8000	52.3	-18.9	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-113.8
1834	638529.61	4873797.75	332.24	1	DEN	4000	55.4	16.8	0.0	0.0	0.0	67.2	21.1	-2.9	0.0	0.0	7.7	0.0	2.0	-22.9
1834	638529.61	4873797.75	332.24	1	DEN	8000	52.3	16.8	0.0	0.0	0.0	67.2	75.3	-2.9	0.0	0.0	7.8	0.0	2.0	-80.3
1839	638608.24	4873839.27	331.92	0	DEN	32	29.0	13.8	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-25.3
1839	638608.24	4873839.27	331.92	0	DEN	63	37.2	13.8	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-17.2
1839	638608.24	4873839.27	331.92	0	DEN	125	43.3	13.8	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-11.2
1839	638608.24	4873839.27	331.92	0	DEN	250	48.8	13.8	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-6.0
1839	638608.24	4873839.27	331.92	0	DEN	500	54.2	13.8	0.0	0.0	0.0	63.4	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-1.0
1839	638608.24	4873839.27	331.92	0	DEN	1000	60.4	13.8	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	4.5
1839	638608.24	4873839.27	331.92	0	DEN	2000	59.6	13.8	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	1.1
1839	638608.24	4873839.27	331.92	0	DEN	4000	55.4	13.8	0.0	0.0	0.0	63.4	13.6	-2.1	0.0	0.0	7.2	0.0	0.0	-12.8
1839	638608.24	4873839.27	331.92	0	DEN	8000	52.3	13.8	0.0	0.0	0.0	63.4	48.5	-2.1	0.0	0.0	7.5	0.0	0.0	-51.1
1844	638649.33	4873853.48	331.48	0	DEN	32	29.0	3.0	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-35.4
1844	638649.33	4873853.48	331.48	0	DEN	63	37.2	3.0	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-27.2
1844	638649.33	4873853.48	331.48	0	DEN	125	43.3	3.0	0.0	0.0	0.0	62.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-21.2
1844	638649.33	4873853.48	331.48	0	DEN	250	48.8	3.0	0.0	0.0	0.0	62.5	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-16.0
1844	638649.33	4873853.48	331.48	0	DEN	500	54.2	3.0	0.0	0.0	0.0	62.5	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-10.9
1844	638649.33	4873853.48	331.48	0	DEN	1000	60.4	3.0	0.0	0.0	0.0	62.5	1.4	-2.1	0.0	0.0	6.9	0.0	0.0	-5.4
1844	638649.33	4873853.48	331.48	0	DEN	2000	59.6	3.0	0.0	0.0	0.0	62.5	3.7	-2.1	0.0	0.0	7.0	0.0	0.0	-8.6
1844	638649.33	4873853.48	331.48	0	DEN	4000	55.4	3.0	0.0	0.0	0.0	62.5	12.4	-2.1	0.0	0.0	7.2	0.0	0.0	-21.7
1844	638649.33	4873853.48	331.48	0	DEN	8000	52.3	3.0	0.0	0.0	0.0	62.5	44.2	-2.1	0.0	0.0	7.6	0.0	0.0	-57.0
1850	638655.31	4873855.46	331.39	0	DEN	32	29.0	-0.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-38.9
1850	638655.31	4873855.46	331.39	0	DEN	63	37.2	-0.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-30.7
1850	638655.31	4873855.46	331.39	0	DEN	125	43.3	-0.7	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-24.7
1850	638655.31	4873855.46	331.39	0	DEN	250	48.8	-0.7	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-19.5
1850	638655.31	4873855.46	331.39	0	DEN	500	54.2	-0.7	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-14.4
1850	638655.31	4873855.46	331.39	0	DEN	1000	60.4	-0.7	0.0	0.0	0.0	62.4	1.4	-2.0	0.0	0.0	6.9	0.0	0.0	-8.9
1850	638655.31	4873855.46	331.39	0	DEN	2000	59.6	-0.7	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.0	0.0	0.0	-12.1
1850	638655.31	4873855.46	331.39	0	DEN	4000	55.4	-0.7	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	7.3	0.0	0.0	-25.1
1850	638655.31	4873855.46	331.39	0	DEN	8000	52.3	-0.7	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	7.6	0.0	0.0	-59.9
1857	638535.39	4873813.99	332.67	1	DEN	4000	55.4	-12.6	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-51.5
1857	638535.39	4873813.99	332.67	1	DEN	8000	52.3	-12.6	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-107.4
1880	638841.02	4873515.63	324.16	0	DEN	32	29.0	-27.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-63.5
1880	638841.02	4873515.63	324.16	0	DEN	63	37.2	-27.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-55.4
1880	638841.02	4873515.63	324.16	0	DEN	125	43.3	-27.4	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-49.4
1880	638841.02	4873515.63	324.16	0	DEN	250	48.8	-27.4	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-44.1
1880	638841.02	4873515.63	324.16	0	DEN	500	54.2	-27.4	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-39.0
1880	638841.02	4873515.63	324.16	0	DEN	1000	60.4	-27.4	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-33.5
1880	638841.02	4873515.63	324.16	0	DEN	2000	59.6	-27.4	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-36.4
1880	638841.02	4873515.63	324.16	0	DEN	4000	55.4	-27.4	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-47.9
1880	638841.02	4873515.63	324.16	0	DEN	8000	52.3	-27.4	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-76.6
1887	638834.03	4873522.33	324.36	0	DEN	32	29.0	1.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-34.6
1887	638834.03	4873522.33	324.36	0	DEN	63	37.2	1.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-26.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1887	638834.03	4873522.33	324.36	0	DEN	125	43.3	1.5	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-20.4
1887	638834.03	4873522.33	324.36	0	DEN	250	48.8	1.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-15.2
1887	638834.03	4873522.33	324.36	0	DEN	500	54.2	1.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-10.1
1887	638834.03	4873522.33	324.36	0	DEN	1000	60.4	1.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-4.6
1887	638834.03	4873522.33	324.36	0	DEN	2000	59.6	1.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-7.4
1887	638834.03	4873522.33	324.36	0	DEN	4000	55.4	1.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-18.9
1887	638834.03	4873522.33	324.36	0	DEN	8000	52.3	1.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-47.6
1893	638802.34	4873552.75	325.23	0	DEN	32	29.0	5.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-30.5
1893	638802.34	4873552.75	325.23	0	DEN	63	37.2	5.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-22.3
1893	638802.34	4873552.75	325.23	0	DEN	125	43.3	5.6	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-16.3
1893	638802.34	4873552.75	325.23	0	DEN	250	48.8	5.6	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-11.1
1893	638802.34	4873552.75	325.23	0	DEN	500	54.2	5.6	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-6.0
1893	638802.34	4873552.75	325.23	0	DEN	1000	60.4	5.6	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-0.5
1893	638802.34	4873552.75	325.23	0	DEN	2000	59.6	5.6	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-3.5
1893	638802.34	4873552.75	325.23	0	DEN	4000	55.4	5.6	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-15.1
1893	638802.34	4873552.75	325.23	0	DEN	8000	52.3	5.6	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.2	0.0	0.0	-43.8
1900	638777.75	4873576.40	325.91	0	DEN	32	29.0	2.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-33.6
1900	638777.75	4873576.40	325.91	0	DEN	63	37.2	2.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-25.4
1900	638777.75	4873576.40	325.91	0	DEN	125	43.3	2.6	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-19.5
1900	638777.75	4873576.40	325.91	0	DEN	250	48.8	2.6	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-14.2
1900	638777.75	4873576.40	325.91	0	DEN	500	54.2	2.6	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-9.2
1900	638777.75	4873576.40	325.91	0	DEN	1000	60.4	2.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-3.8
1900	638777.75	4873576.40	325.91	0	DEN	2000	59.6	2.6	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-6.9
1900	638777.75	4873576.40	325.91	0	DEN	4000	55.4	2.6	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-18.8
1900	638777.75	4873576.40	325.91	0	DEN	8000	52.3	2.6	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-48.1
1906	638728.54	4873623.65	327.27	0	DEN	32	29.0	2.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-34.1
1906	638728.54	4873623.65	327.27	0	DEN	63	37.2	2.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-26.0
1906	638728.54	4873623.65	327.27	0	DEN	125	43.3	2.6	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-20.0
1906	638728.54	4873623.65	327.27	0	DEN	250	48.8	2.6	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-14.8
1906	638728.54	4873623.65	327.27	0	DEN	500	54.2	2.6	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-9.9
1906	638728.54	4873623.65	327.27	0	DEN	1000	60.4	2.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-4.7
1906	638728.54	4873623.65	327.27	0	DEN	2000	59.6	2.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-8.1
1906	638728.54	4873623.65	327.27	0	DEN	4000	55.4	2.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-20.6
1906	638728.54	4873623.65	327.27	0	DEN	8000	52.3	2.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-51.7
1912	638728.55	4873623.66	327.27	0	DEN	32	29.0	-0.4	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-37.1
1912	638728.55	4873623.66	327.27	0	DEN	63	37.2	-0.4	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-29.0
1912	638728.55	4873623.66	327.27	0	DEN	125	43.3	-0.4	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-23.0
1912	638728.55	4873623.66	327.27	0	DEN	250	48.8	-0.4	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-17.9
1912	638728.55	4873623.66	327.27	0	DEN	500	54.2	-0.4	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-12.9
1912	638728.55	4873623.66	327.27	0	DEN	1000	60.4	-0.4	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-7.7
1912	638728.55	4873623.66	327.27	0	DEN	2000	59.6	-0.4	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-11.1
1912	638728.55	4873623.66	327.27	0	DEN	4000	55.4	-0.4	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-23.6
1912	638728.55	4873623.66	327.27	0	DEN	8000	52.3	-0.4	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-54.7
1919	638777.76	4873576.41	325.91	0	DEN	32	29.0	-0.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-36.6
1919	638777.76	4873576.41	325.91	0	DEN	63	37.2	-0.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-28.5
1919	638777.76	4873576.41	325.91	0	DEN	125	43.3	-0.4	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-22.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1919	638777.76	4873576.41	325.91	0	DEN	250	48.8	-0.4	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-17.2
1919	638777.76	4873576.41	325.91	0	DEN	500	54.2	-0.4	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-12.3
1919	638777.76	4873576.41	325.91	0	DEN	1000	60.4	-0.4	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-6.9
1919	638777.76	4873576.41	325.91	0	DEN	2000	59.6	-0.4	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-9.9
1919	638777.76	4873576.41	325.91	0	DEN	4000	55.4	-0.4	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-21.9
1919	638777.76	4873576.41	325.91	0	DEN	8000	52.3	-0.4	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-51.1
1928	638703.95	4873647.30	327.95	0	DEN	32	29.0	2.6	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-34.5
1928	638703.95	4873647.30	327.95	0	DEN	63	37.2	2.6	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-26.4
1928	638703.95	4873647.30	327.95	0	DEN	125	43.3	2.6	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-20.4
1928	638703.95	4873647.30	327.95	0	DEN	250	48.8	2.6	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-15.2
1928	638703.95	4873647.30	327.95	0	DEN	500	54.2	2.6	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-10.3
1928	638703.95	4873647.30	327.95	0	DEN	1000	60.4	2.6	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-5.0
1928	638703.95	4873647.30	327.95	0	DEN	2000	59.6	2.6	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-8.4
1928	638703.95	4873647.30	327.95	0	DEN	4000	55.4	2.6	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-21.3
1928	638703.95	4873647.30	327.95	0	DEN	8000	52.3	2.6	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-53.5
1935	638654.74	4873694.55	329.31	0	DEN	32	29.0	2.6	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-35.4
1935	638654.74	4873694.55	329.31	0	DEN	63	37.2	2.6	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-27.3
1935	638654.74	4873694.55	329.31	0	DEN	125	43.3	2.6	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-21.3
1935	638654.74	4873694.55	329.31	0	DEN	250	48.8	2.6	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-16.1
1935	638654.74	4873694.55	329.31	0	DEN	500	54.2	2.6	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-11.1
1935	638654.74	4873694.55	329.31	0	DEN	1000	60.4	2.6	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-5.7
1935	638654.74	4873694.55	329.31	0	DEN	2000	59.6	2.6	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-9.1
1935	638654.74	4873694.55	329.31	0	DEN	4000	55.4	2.6	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-22.4
1935	638654.74	4873694.55	329.31	0	DEN	8000	52.3	2.6	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-57.2
1941	638630.14	4873718.19	329.99	0	DEN	32	29.0	-0.4	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-38.9
1941	638630.14	4873718.19	329.99	0	DEN	63	37.2	-0.4	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-30.8
1941	638630.14	4873718.19	329.99	0	DEN	125	43.3	-0.4	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-24.8
1941	638630.14	4873718.19	329.99	0	DEN	250	48.8	-0.4	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-19.6
1941	638630.14	4873718.19	329.99	0	DEN	500	54.2	-0.4	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-14.6
1941	638630.14	4873718.19	329.99	0	DEN	1000	60.4	-0.4	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-9.2
1941	638630.14	4873718.19	329.99	0	DEN	2000	59.6	-0.4	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-12.6
1941	638630.14	4873718.19	329.99	0	DEN	4000	55.4	-0.4	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-26.2
1941	638630.14	4873718.19	329.99	0	DEN	8000	52.3	-0.4	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-62.6
1948	638580.93	4873765.45	331.35	0	DEN	32	29.0	-0.4	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-39.9
1948	638580.93	4873765.45	331.35	0	DEN	63	37.2	-0.4	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-31.8
1948	638580.93	4873765.45	331.35	0	DEN	125	43.3	-0.4	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-25.8
1948	638580.93	4873765.45	331.35	0	DEN	250	48.8	-0.4	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-20.6
1948	638580.93	4873765.45	331.35	0	DEN	500	54.2	-0.4	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-15.6
1948	638580.93	4873765.45	331.35	0	DEN	1000	60.4	-0.4	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-10.2
1948	638580.93	4873765.45	331.35	0	DEN	2000	59.6	-0.4	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-13.8
1948	638580.93	4873765.45	331.35	0	DEN	4000	55.4	-0.4	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-28.2
1948	638580.93	4873765.45	331.35	0	DEN	8000	52.3	-0.4	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-68.2
1956	638840.98	4873515.63	324.16	1	DEN	500	54.2	-24.2	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-36.9
1956	638840.98	4873515.63	324.16	1	DEN	1000	60.4	-24.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-31.4
1956	638840.98	4873515.63	324.16	1	DEN	2000	59.6	-24.2	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-34.2
1956	638840.98	4873515.63	324.16	1	DEN	4000	55.4	-24.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-45.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1956	638840.98	4873515.63	324.16	1	DEN	8000	52.3	-24.2	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-74.7
1962	638683.01	4873667.40	328.53	1	DEN	8000	52.3	-4.0	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-83.4
1973	638534.74	4873809.83	332.63	1	DEN	4000	55.4	-24.7	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-63.8
1973	638534.74	4873809.83	332.63	1	DEN	8000	52.3	-24.7	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-120.0
1996	638563.93	4873825.30	332.43	0	DEN	32	29.0	15.5	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-24.5
1996	638563.93	4873825.30	332.43	0	DEN	63	37.2	15.5	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-16.3
1996	638563.93	4873825.30	332.43	0	DEN	125	43.3	15.5	0.0	0.0	0.0	64.2	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-10.3
1996	638563.93	4873825.30	332.43	0	DEN	250	48.8	15.5	0.0	0.0	0.0	64.2	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-5.1
1996	638563.93	4873825.30	332.43	0	DEN	500	54.2	15.5	0.0	0.0	0.0	64.2	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-0.1
1996	638563.93	4873825.30	332.43	0	DEN	1000	60.4	15.5	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	5.2
1996	638563.93	4873825.30	332.43	0	DEN	2000	59.6	15.5	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.1	0.0	0.0	1.6
1996	638563.93	4873825.30	332.43	0	DEN	4000	55.4	15.5	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.2	0.0	0.0	-13.2
1996	638563.93	4873825.30	332.43	0	DEN	8000	52.3	15.5	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	7.5	0.0	0.0	-54.9
2004	638531.83	4873812.76	332.71	1	DEN	4000	55.4	-34.4	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-73.5
2004	638531.83	4873812.76	332.71	1	DEN	8000	52.3	-34.4	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-129.2
2011	638535.41	4873814.16	332.68	1	DEN	4000	55.4	-3.3	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-42.2
2011	638535.41	4873814.16	332.68	1	DEN	8000	52.3	-3.3	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-98.1
2019	638840.63	4873515.49	324.16	0	DEN	32	29.0	-27.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-63.8
2019	638840.63	4873515.49	324.16	0	DEN	63	37.2	-27.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-55.6
2019	638840.63	4873515.49	324.16	0	DEN	125	43.3	-27.6	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-49.6
2019	638840.63	4873515.49	324.16	0	DEN	250	48.8	-27.6	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-44.4
2019	638840.63	4873515.49	324.16	0	DEN	500	54.2	-27.6	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-39.3
2019	638840.63	4873515.49	324.16	0	DEN	1000	60.4	-27.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-33.8
2019	638840.63	4873515.49	324.16	0	DEN	2000	59.6	-27.6	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-36.6
2019	638840.63	4873515.49	324.16	0	DEN	4000	55.4	-27.6	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-48.2
2019	638840.63	4873515.49	324.16	0	DEN	8000	52.3	-27.6	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	8.6	0.0	0.0	-76.9
2024	638833.72	4873522.12	324.35	0	DEN	32	29.0	1.4	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-34.8
2024	638833.72	4873522.12	324.35	0	DEN	63	37.2	1.4	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-26.6
2024	638833.72	4873522.12	324.35	0	DEN	125	43.3	1.4	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-20.6
2024	638833.72	4873522.12	324.35	0	DEN	250	48.8	1.4	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-15.3
2024	638833.72	4873522.12	324.35	0	DEN	500	54.2	1.4	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-10.3
2024	638833.72	4873522.12	324.35	0	DEN	1000	60.4	1.4	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-4.8
2024	638833.72	4873522.12	324.35	0	DEN	2000	59.6	1.4	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-7.6
2024	638833.72	4873522.12	324.35	0	DEN	4000	55.4	1.4	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-19.1
2024	638833.72	4873522.12	324.35	0	DEN	8000	52.3	1.4	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-47.8
2030	638802.13	4873552.50	325.23	0	DEN	32	29.0	5.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-30.6
2030	638802.13	4873552.50	325.23	0	DEN	63	37.2	5.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-22.4
2030	638802.13	4873552.50	325.23	0	DEN	125	43.3	5.5	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-16.5
2030	638802.13	4873552.50	325.23	0	DEN	250	48.8	5.5	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-11.2
2030	638802.13	4873552.50	325.23	0	DEN	500	54.2	5.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-6.2
2030	638802.13	4873552.50	325.23	0	DEN	1000	60.4	5.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-0.7
2030	638802.13	4873552.50	325.23	0	DEN	2000	59.6	5.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-3.6
2030	638802.13	4873552.50	325.23	0	DEN	4000	55.4	5.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	8.1	0.0	0.0	-15.2
2030	638802.13	4873552.50	325.23	0	DEN	8000	52.3	5.5	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.2	0.0	0.0	-44.0
2036	638777.56	4873576.17	325.91	0	DEN	32	29.0	2.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-33.7
2036	638777.56	4873576.17	325.91	0	DEN	63	37.2	2.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-25.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2036	638777.56	4873576.17	325.91	0	DEN	125	43.3	2.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-19.6
2036	638777.56	4873576.17	325.91	0	DEN	250	48.8	2.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-14.4
2036	638777.56	4873576.17	325.91	0	DEN	500	54.2	2.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-9.4
2036	638777.56	4873576.17	325.91	0	DEN	1000	60.4	2.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-4.0
2036	638777.56	4873576.17	325.91	0	DEN	2000	59.6	2.5	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-7.1
2036	638777.56	4873576.17	325.91	0	DEN	4000	55.4	2.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-19.0
2036	638777.56	4873576.17	325.91	0	DEN	8000	52.3	2.5	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-48.3
2043	638728.38	4873623.47	327.27	0	DEN	32	29.0	2.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-34.3
2043	638728.38	4873623.47	327.27	0	DEN	63	37.2	2.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-26.1
2043	638728.38	4873623.47	327.27	0	DEN	125	43.3	2.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-20.2
2043	638728.38	4873623.47	327.27	0	DEN	250	48.8	2.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-15.0
2043	638728.38	4873623.47	327.27	0	DEN	500	54.2	2.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-10.1
2043	638728.38	4873623.47	327.27	0	DEN	1000	60.4	2.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-4.8
2043	638728.38	4873623.47	327.27	0	DEN	2000	59.6	2.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-8.2
2043	638728.38	4873623.47	327.27	0	DEN	4000	55.4	2.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-20.8
2043	638728.38	4873623.47	327.27	0	DEN	8000	52.3	2.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-51.9
2050	638728.40	4873623.48	327.27	0	DEN	32	29.0	-0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-37.3
2050	638728.40	4873623.48	327.27	0	DEN	63	37.2	-0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-29.1
2050	638728.40	4873623.48	327.27	0	DEN	125	43.3	-0.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-23.2
2050	638728.40	4873623.48	327.27	0	DEN	250	48.8	-0.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-18.0
2050	638728.40	4873623.48	327.27	0	DEN	500	54.2	-0.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-13.1
2050	638728.40	4873623.48	327.27	0	DEN	1000	60.4	-0.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-7.8
2050	638728.40	4873623.48	327.27	0	DEN	2000	59.6	-0.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-11.2
2050	638728.40	4873623.48	327.27	0	DEN	4000	55.4	-0.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-23.8
2050	638728.40	4873623.48	327.27	0	DEN	8000	52.3	-0.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-54.9
2057	638777.57	4873576.18	325.91	0	DEN	32	29.0	-0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-36.7
2057	638777.57	4873576.18	325.91	0	DEN	63	37.2	-0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-28.6
2057	638777.57	4873576.18	325.91	0	DEN	125	43.3	-0.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-22.6
2057	638777.57	4873576.18	325.91	0	DEN	250	48.8	-0.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-17.4
2057	638777.57	4873576.18	325.91	0	DEN	500	54.2	-0.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-12.4
2057	638777.57	4873576.18	325.91	0	DEN	1000	60.4	-0.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-7.0
2057	638777.57	4873576.18	325.91	0	DEN	2000	59.6	-0.5	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-10.1
2057	638777.57	4873576.18	325.91	0	DEN	4000	55.4	-0.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-22.0
2057	638777.57	4873576.18	325.91	0	DEN	8000	52.3	-0.5	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-51.3
2064	638703.81	4873647.14	327.95	0	DEN	32	29.0	2.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-34.6
2064	638703.81	4873647.14	327.95	0	DEN	63	37.2	2.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-26.5
2064	638703.81	4873647.14	327.95	0	DEN	125	43.3	2.5	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-20.5
2064	638703.81	4873647.14	327.95	0	DEN	250	48.8	2.5	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-15.3
2064	638703.81	4873647.14	327.95	0	DEN	500	54.2	2.5	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-10.4
2064	638703.81	4873647.14	327.95	0	DEN	1000	60.4	2.5	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-5.2
2064	638703.81	4873647.14	327.95	0	DEN	2000	59.6	2.5	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-8.6
2064	638703.81	4873647.14	327.95	0	DEN	4000	55.4	2.5	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-21.4
2064	638703.81	4873647.14	327.95	0	DEN	8000	52.3	2.5	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-53.6
2069	638654.64	4873694.44	329.31	0	DEN	32	29.0	2.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-35.5
2069	638654.64	4873694.44	329.31	0	DEN	63	37.2	2.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-27.4
2069	638654.64	4873694.44	329.31	0	DEN	125	43.3	2.5	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-21.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2069	638654.64	4873694.44	329.31	0	DEN	250	48.8	2.5	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-16.2
2069	638654.64	4873694.44	329.31	0	DEN	500	54.2	2.5	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-11.2
2069	638654.64	4873694.44	329.31	0	DEN	1000	60.4	2.5	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-5.9
2069	638654.64	4873694.44	329.31	0	DEN	2000	59.6	2.5	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-9.3
2069	638654.64	4873694.44	329.31	0	DEN	4000	55.4	2.5	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-22.5
2069	638654.64	4873694.44	329.31	0	DEN	8000	52.3	2.5	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-57.4
2075	638630.06	4873718.10	329.99	0	DEN	32	29.0	-0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-39.0
2075	638630.06	4873718.10	329.99	0	DEN	63	37.2	-0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-30.9
2075	638630.06	4873718.10	329.99	0	DEN	125	43.3	-0.5	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-24.9
2075	638630.06	4873718.10	329.99	0	DEN	250	48.8	-0.5	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-19.7
2075	638630.06	4873718.10	329.99	0	DEN	500	54.2	-0.5	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-14.7
2075	638630.06	4873718.10	329.99	0	DEN	1000	60.4	-0.5	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-9.3
2075	638630.06	4873718.10	329.99	0	DEN	2000	59.6	-0.5	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-12.7
2075	638630.06	4873718.10	329.99	0	DEN	4000	55.4	-0.5	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-26.4
2075	638630.06	4873718.10	329.99	0	DEN	8000	52.3	-0.5	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-62.7
2082	638580.89	4873765.41	331.35	0	DEN	32	29.0	-0.5	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-40.1
2082	638580.89	4873765.41	331.35	0	DEN	63	37.2	-0.5	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-31.9
2082	638580.89	4873765.41	331.35	0	DEN	125	43.3	-0.5	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-25.9
2082	638580.89	4873765.41	331.35	0	DEN	250	48.8	-0.5	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-20.7
2082	638580.89	4873765.41	331.35	0	DEN	500	54.2	-0.5	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-15.7
2082	638580.89	4873765.41	331.35	0	DEN	1000	60.4	-0.5	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-10.4
2082	638580.89	4873765.41	331.35	0	DEN	2000	59.6	-0.5	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-13.9
2082	638580.89	4873765.41	331.35	0	DEN	4000	55.4	-0.5	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-28.3
2082	638580.89	4873765.41	331.35	0	DEN	8000	52.3	-0.5	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-68.3
2090	638840.59	4873515.50	324.16	1	DEN	500	54.2	-24.4	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-37.2
2090	638840.59	4873515.50	324.16	1	DEN	1000	60.4	-24.4	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-31.6
2090	638840.59	4873515.50	324.16	1	DEN	2000	59.6	-24.4	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-34.5
2090	638840.59	4873515.50	324.16	1	DEN	4000	55.4	-24.4	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-46.1
2090	638840.59	4873515.50	324.16	1	DEN	8000	52.3	-24.4	0.0	0.0	0.0	60.4	34.7	-1.8	0.0	0.0	8.6	0.0	1.0	-75.0
2097	638682.87	4873667.28	328.53	1	DEN	8000	52.3	-4.1	0.0	0.0	0.0	65.3	60.7	-2.0	0.0	0.0	6.8	0.0	1.0	-83.6
2111	638534.73	4873809.82	332.63	1	DEN	4000	55.4	-24.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-63.9
2111	638534.73	4873809.82	332.63	1	DEN	8000	52.3	-24.8	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-120.2
2119	638680.36	4873542.00	325.45	0	DEN	32	29.0	14.4	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-24.3
2119	638680.36	4873542.00	325.45	0	DEN	63	37.2	14.4	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-16.2
2119	638680.36	4873542.00	325.45	0	DEN	125	43.3	14.4	0.0	0.0	0.0	62.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-10.2
2119	638680.36	4873542.00	325.45	0	DEN	250	48.8	14.4	0.0	0.0	0.0	62.9	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-5.0
2119	638680.36	4873542.00	325.45	0	DEN	500	54.2	14.4	0.0	0.0	0.0	62.9	0.8	-1.7	0.0	0.0	6.7	0.0	0.0	-0.0
2119	638680.36	4873542.00	325.45	0	DEN	1000	60.4	14.4	0.0	0.0	0.0	62.9	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	5.3
2119	638680.36	4873542.00	325.45	0	DEN	2000	59.6	14.4	0.0	0.0	0.0	62.9	3.8	-2.1	0.0	0.0	7.6	0.0	0.0	1.8
2119	638680.36	4873542.00	325.45	0	DEN	4000	55.4	14.4	0.0	0.0	0.0	62.9	12.9	-2.1	0.0	0.0	8.1	0.0	0.0	-12.1
2119	638680.36	4873542.00	325.45	0	DEN	8000	52.3	14.4	0.0	0.0	0.0	62.9	46.1	-2.1	0.0	0.0	9.1	0.0	0.0	-49.4
2148	638596.19	4873670.44	329.22	0	DEN	32	29.0	13.8	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-25.6
2148	638596.19	4873670.44	329.22	0	DEN	63	37.2	13.8	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-17.4
2148	638596.19	4873670.44	329.22	0	DEN	125	43.3	13.8	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-11.5
2148	638596.19	4873670.44	329.22	0	DEN	250	48.8	13.8	0.0	0.0	0.0	63.6	0.4	1.0	0.0	0.0	3.8	0.0	0.0	-6.3
2148	638596.19	4873670.44	329.22	0	DEN	500	54.2	13.8	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	-1.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2148	638596.19	4873670.44	329.22	0	DEN	1000	60.4	13.8	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	4.0
2148	638596.19	4873670.44	329.22	0	DEN	2000	59.6	13.8	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.5	0.0	0.0	0.4
2148	638596.19	4873670.44	329.22	0	DEN	4000	55.4	13.8	0.0	0.0	0.0	63.6	13.9	-2.2	0.0	0.0	8.0	0.0	0.0	-14.1
2148	638596.19	4873670.44	329.22	0	DEN	8000	52.3	13.8	0.0	0.0	0.0	63.6	49.8	-2.2	0.0	0.0	8.8	0.0	0.0	-53.9
2169	638557.76	4873823.34	331.73	0	DEN	32	29.0	14.7	0.0	0.0	0.0	64.3	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-25.4
2169	638557.76	4873823.34	331.73	0	DEN	63	37.2	14.7	0.0	0.0	0.0	64.3	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-17.2
2169	638557.76	4873823.34	331.73	0	DEN	125	43.3	14.7	0.0	0.0	0.0	64.3	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-11.3
2169	638557.76	4873823.34	331.73	0	DEN	250	48.8	14.7	0.0	0.0	0.0	64.3	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-6.1
2169	638557.76	4873823.34	331.73	0	DEN	500	54.2	14.7	0.0	0.0	0.0	64.3	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-1.1
2169	638557.76	4873823.34	331.73	0	DEN	1000	60.4	14.7	0.0	0.0	0.0	64.3	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	4.3
2169	638557.76	4873823.34	331.73	0	DEN	2000	59.6	14.7	0.0	0.0	0.0	64.3	4.5	-2.2	0.0	0.0	7.1	0.0	0.0	0.6
2169	638557.76	4873823.34	331.73	0	DEN	4000	55.4	14.7	0.0	0.0	0.0	64.3	15.1	-2.2	0.0	0.0	7.3	0.0	0.0	-14.4
2169	638557.76	4873823.34	331.73	0	DEN	8000	52.3	14.7	0.0	0.0	0.0	64.3	53.9	-2.2	0.0	0.0	7.6	0.0	0.0	-56.6
2174	638531.83	4873812.76	332.70	1	DEN	4000	55.4	-33.1	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-72.2
2174	638531.83	4873812.76	332.70	1	DEN	8000	52.3	-33.1	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-127.9
2180	638535.42	4873814.23	332.56	1	DEN	4000	55.4	-2.2	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-41.1
2180	638535.42	4873814.23	332.56	1	DEN	8000	52.3	-2.2	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-97.0
2199	638527.79	4873793.16	331.96	0	DEN	32	29.0	15.3	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.3
2199	638527.79	4873793.16	331.96	0	DEN	63	37.2	15.3	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-17.1
2199	638527.79	4873793.16	331.96	0	DEN	125	43.3	15.3	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-11.2
2199	638527.79	4873793.16	331.96	0	DEN	250	48.8	15.3	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-6.0
2199	638527.79	4873793.16	331.96	0	DEN	500	54.2	15.3	0.0	0.0	0.0	64.8	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-1.0
2199	638527.79	4873793.16	331.96	0	DEN	1000	60.4	15.3	0.0	0.0	0.0	64.8	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	4.3
2199	638527.79	4873793.16	331.96	0	DEN	2000	59.6	15.3	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	0.5
2199	638527.79	4873793.16	331.96	0	DEN	4000	55.4	15.3	0.0	0.0	0.0	64.8	16.0	-2.3	0.0	0.0	7.3	0.0	0.0	-15.1
2199	638527.79	4873793.16	331.96	0	DEN	8000	52.3	15.3	0.0	0.0	0.0	64.8	57.0	-2.3	0.0	0.0	7.6	0.0	0.0	-59.5
2204	638527.79	4873793.16	331.96	1	DEN	4000	55.4	15.3	0.0	0.0	0.0	67.2	21.3	-2.9	0.0	0.0	7.7	0.0	2.0	-24.6
2204	638527.79	4873793.16	331.96	1	DEN	8000	52.3	15.3	0.0	0.0	0.0	67.2	75.9	-2.9	0.0	0.0	7.8	0.0	2.0	-82.4
2219	638849.75	4873917.35	327.85	0	DEN	32	29.0	8.5	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-25.6
2219	638849.75	4873917.35	327.85	0	DEN	63	37.2	8.5	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-17.4
2219	638849.75	4873917.35	327.85	0	DEN	125	43.3	8.5	0.0	0.0	0.0	58.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-11.4
2219	638849.75	4873917.35	327.85	0	DEN	250	48.8	8.5	0.0	0.0	0.0	58.3	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-6.2
2219	638849.75	4873917.35	327.85	0	DEN	500	54.2	8.5	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	6.3	0.0	0.0	-1.2
2219	638849.75	4873917.35	327.85	0	DEN	1000	60.4	8.5	0.0	0.0	0.0	58.3	0.8	-1.5	0.0	0.0	7.0	0.0	0.0	4.2
2219	638849.75	4873917.35	327.85	0	DEN	2000	59.6	8.5	0.0	0.0	0.0	58.3	2.2	-1.5	0.0	0.0	7.7	0.0	0.0	1.4
2219	638849.75	4873917.35	327.85	0	DEN	4000	55.4	8.5	0.0	0.0	0.0	58.3	7.6	-1.5	0.0	0.0	8.8	0.0	0.0	-9.3
2219	638849.75	4873917.35	327.85	0	DEN	8000	52.3	8.5	0.0	0.0	0.0	58.3	27.1	-1.5	0.0	0.0	10.3	0.0	0.0	-33.5
2226	638857.35	4873919.77	328.03	1	DEN	8000	52.3	1.5	0.0	0.0	0.0	59.1	29.8	-1.4	0.0	0.0	13.5	0.0	1.0	-48.3
2231	638680.88	4873614.75	327.10	0	DEN	32	29.0	12.3	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.0	0.0	0.0	-25.7
2231	638680.88	4873614.75	327.10	0	DEN	63	37.2	12.3	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-17.5
2231	638680.88	4873614.75	327.10	0	DEN	125	43.3	12.3	0.0	0.0	0.0	62.1	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-11.6
2231	638680.88	4873614.75	327.10	0	DEN	250	48.8	12.3	0.0	0.0	0.0	62.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-6.4
2231	638680.88	4873614.75	327.10	0	DEN	500	54.2	12.3	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.8	0.0	0.0	-1.5
2231	638680.88	4873614.75	327.10	0	DEN	1000	60.4	12.3	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.5	0.0	0.0	3.8
2231	638680.88	4873614.75	327.10	0	DEN	2000	59.6	12.3	0.0	0.0	0.0	62.1	3.5	-2.0	0.0	0.0	8.0	0.0	0.0	0.3
2231	638680.88	4873614.75	327.10	0	DEN	4000	55.4	12.3	0.0	0.0	0.0	62.1	11.8	-2.0	0.0	0.0	9.0	0.0	0.0	-13.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2231	638680.88	4873614.75	327.10	0	DEN	8000	52.3	12.3	0.0	0.0	0.0	62.1	42.1	-2.0	0.0	0.0	10.5	0.0	0.0	-48.1
2238	638568.44	4873826.74	332.68	0	DEN	32	29.0	13.9	0.0	0.0	0.0	64.1	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-26.0
2238	638568.44	4873826.74	332.68	0	DEN	63	37.2	13.9	0.0	0.0	0.0	64.1	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-17.9
2238	638568.44	4873826.74	332.68	0	DEN	125	43.3	13.9	0.0	0.0	0.0	64.1	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-11.9
2238	638568.44	4873826.74	332.68	0	DEN	250	48.8	13.9	0.0	0.0	0.0	64.1	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-6.7
2238	638568.44	4873826.74	332.68	0	DEN	500	54.2	13.9	0.0	0.0	0.0	64.1	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-1.7
2238	638568.44	4873826.74	332.68	0	DEN	1000	60.4	13.9	0.0	0.0	0.0	64.1	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	3.7
2238	638568.44	4873826.74	332.68	0	DEN	2000	59.6	13.9	0.0	0.0	0.0	64.1	4.4	-2.2	0.0	0.0	7.1	0.0	0.0	0.1
2238	638568.44	4873826.74	332.68	0	DEN	4000	55.4	13.9	0.0	0.0	0.0	64.1	14.8	-2.2	0.0	0.0	7.2	0.0	0.0	-14.6
2238	638568.44	4873826.74	332.68	0	DEN	8000	52.3	13.9	0.0	0.0	0.0	64.1	52.8	-2.2	0.0	0.0	7.4	0.0	0.0	-55.9
2245	638531.83	4873812.76	332.71	1	DEN	4000	55.4	-37.2	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-76.3
2245	638531.83	4873812.76	332.71	1	DEN	8000	52.3	-37.2	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-132.0
2252	638535.41	4873814.12	332.71	1	DEN	4000	55.4	-6.1	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-45.0
2252	638535.41	4873814.12	332.71	1	DEN	8000	52.3	-6.1	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-100.9
2337	638604.92	4873838.33	331.97	0	DEN	32	29.0	12.4	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-26.8
2337	638604.92	4873838.33	331.97	0	DEN	63	37.2	12.4	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-18.7
2337	638604.92	4873838.33	331.97	0	DEN	125	43.3	12.4	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-12.7
2337	638604.92	4873838.33	331.97	0	DEN	250	48.8	12.4	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-7.5
2337	638604.92	4873838.33	331.97	0	DEN	500	54.2	12.4	0.0	0.0	0.0	63.4	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-2.4
2337	638604.92	4873838.33	331.97	0	DEN	1000	60.4	12.4	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	3.0
2337	638604.92	4873838.33	331.97	0	DEN	2000	59.6	12.4	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-0.4
2337	638604.92	4873838.33	331.97	0	DEN	4000	55.4	12.4	0.0	0.0	0.0	63.4	13.7	-2.1	0.0	0.0	7.2	0.0	0.0	-14.4
2337	638604.92	4873838.33	331.97	0	DEN	8000	52.3	12.4	0.0	0.0	0.0	63.4	48.8	-2.1	0.0	0.0	7.5	0.0	0.0	-52.9
2344	638535.39	4873814.00	332.67	1	DEN	4000	55.4	-13.6	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-52.5
2344	638535.39	4873814.00	332.67	1	DEN	8000	52.3	-13.6	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-108.4
2402	638683.62	4873623.59	327.26	0	DEN	32	29.0	11.1	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-26.8
2402	638683.62	4873623.59	327.26	0	DEN	63	37.2	11.1	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-18.6
2402	638683.62	4873623.59	327.26	0	DEN	125	43.3	11.1	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-12.7
2402	638683.62	4873623.59	327.26	0	DEN	250	48.8	11.1	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-7.5
2402	638683.62	4873623.59	327.26	0	DEN	500	54.2	11.1	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.8	0.0	0.0	-2.6
2402	638683.62	4873623.59	327.26	0	DEN	1000	60.4	11.1	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.5	0.0	0.0	2.7
2402	638683.62	4873623.59	327.26	0	DEN	2000	59.6	11.1	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	8.1	0.0	0.0	-0.9
2402	638683.62	4873623.59	327.26	0	DEN	4000	55.4	11.1	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	9.1	0.0	0.0	-14.3
2402	638683.62	4873623.59	327.26	0	DEN	8000	52.3	11.1	0.0	0.0	0.0	62.0	41.5	-2.0	0.0	0.0	10.6	0.0	0.0	-48.7
2411	638550.92	4873821.16	331.47	0	DEN	32	29.0	13.4	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-26.8
2411	638550.92	4873821.16	331.47	0	DEN	63	37.2	13.4	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-18.7
2411	638550.92	4873821.16	331.47	0	DEN	125	43.3	13.4	0.0	0.0	0.0	64.4	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-12.7
2411	638550.92	4873821.16	331.47	0	DEN	250	48.8	13.4	0.0	0.0	0.0	64.4	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-7.5
2411	638550.92	4873821.16	331.47	0	DEN	500	54.2	13.4	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-2.6
2411	638550.92	4873821.16	331.47	0	DEN	1000	60.4	13.4	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	2.8
2411	638550.92	4873821.16	331.47	0	DEN	2000	59.6	13.4	0.0	0.0	0.0	64.4	4.5	-2.2	0.0	0.0	7.2	0.0	0.0	-0.9
2411	638550.92	4873821.16	331.47	0	DEN	4000	55.4	13.4	0.0	0.0	0.0	64.4	15.3	-2.2	0.0	0.0	7.3	0.0	0.0	-16.1
2411	638550.92	4873821.16	331.47	0	DEN	8000	52.3	13.4	0.0	0.0	0.0	64.4	54.7	-2.2	0.0	0.0	7.6	0.0	0.0	-58.8
2419	638531.84	4873812.77	332.70	1	DEN	4000	55.4	-31.4	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-70.5
2419	638531.84	4873812.77	332.70	1	DEN	8000	52.3	-31.4	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-126.2
2426	638535.45	4873814.37	332.46	1	DEN	4000	55.4	-0.7	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-39.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2426	638535.45	4873814.37	332.46	1	DEN	8000	52.3	-0.7	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-95.5
2448	638678.06	4873605.71	326.94	0	DEN	32	29.0	11.3	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-26.8
2448	638678.06	4873605.71	326.94	0	DEN	63	37.2	11.3	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-18.7
2448	638678.06	4873605.71	326.94	0	DEN	125	43.3	11.3	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-12.7
2448	638678.06	4873605.71	326.94	0	DEN	250	48.8	11.3	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-7.5
2448	638678.06	4873605.71	326.94	0	DEN	500	54.2	11.3	0.0	0.0	0.0	62.3	0.7	-1.6	0.0	0.0	6.7	0.0	0.0	-2.6
2448	638678.06	4873605.71	326.94	0	DEN	1000	60.4	11.3	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	2.7
2448	638678.06	4873605.71	326.94	0	DEN	2000	59.6	11.3	0.0	0.0	0.0	62.3	3.5	-2.0	0.0	0.0	8.0	0.0	0.0	-0.9
2448	638678.06	4873605.71	326.94	0	DEN	4000	55.4	11.3	0.0	0.0	0.0	62.3	12.0	-2.0	0.0	0.0	8.9	0.0	0.0	-14.5
2448	638678.06	4873605.71	326.94	0	DEN	8000	52.3	11.3	0.0	0.0	0.0	62.3	42.9	-2.0	0.0	0.0	10.3	0.0	0.0	-49.8
2555	638543.65	4873818.85	331.51	0	DEN	32	29.0	13.3	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-27.0
2555	638543.65	4873818.85	331.51	0	DEN	63	37.2	13.3	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-18.8
2555	638543.65	4873818.85	331.51	0	DEN	125	43.3	13.3	0.0	0.0	0.0	64.5	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-12.9
2555	638543.65	4873818.85	331.51	0	DEN	250	48.8	13.3	0.0	0.0	0.0	64.5	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-7.7
2555	638543.65	4873818.85	331.51	0	DEN	500	54.2	13.3	0.0	0.0	0.0	64.5	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-2.7
2555	638543.65	4873818.85	331.51	0	DEN	1000	60.4	13.3	0.0	0.0	0.0	64.5	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	2.6
2555	638543.65	4873818.85	331.51	0	DEN	2000	59.6	13.3	0.0	0.0	0.0	64.5	4.6	-2.2	0.0	0.0	7.2	0.0	0.0	-1.1
2555	638543.65	4873818.85	331.51	0	DEN	4000	55.4	13.3	0.0	0.0	0.0	64.5	15.6	-2.2	0.0	0.0	7.3	0.0	0.0	-16.4
2555	638543.65	4873818.85	331.51	0	DEN	8000	52.3	13.3	0.0	0.0	0.0	64.5	55.5	-2.2	0.0	0.0	7.6	0.0	0.0	-59.7
2564	638531.85	4873812.78	332.70	1	DEN	4000	55.4	-26.2	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-65.3
2564	638531.85	4873812.78	332.70	1	DEN	8000	52.3	-26.2	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-121.0
2572	638535.50	4873814.74	332.29	1	DEN	4000	55.4	3.8	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-35.1
2572	638535.50	4873814.74	332.29	1	DEN	8000	52.3	3.8	0.0	0.0	0.0	66.9	73.2	-3.0	0.0	0.0	7.9	0.0	2.0	-90.9
2587	638564.32	4873692.44	330.09	0	DEN	32	29.0	12.4	0.0	0.0	0.0	64.1	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-27.6
2587	638564.32	4873692.44	330.09	0	DEN	63	37.2	12.4	0.0	0.0	0.0	64.1	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-19.4
2587	638564.32	4873692.44	330.09	0	DEN	125	43.3	12.4	0.0	0.0	0.0	64.1	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-13.5
2587	638564.32	4873692.44	330.09	0	DEN	250	48.8	12.4	0.0	0.0	0.0	64.1	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-8.3
2587	638564.32	4873692.44	330.09	0	DEN	500	54.2	12.4	0.0	0.0	0.0	64.1	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-3.3
2587	638564.32	4873692.44	330.09	0	DEN	1000	60.4	12.4	0.0	0.0	0.0	64.1	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	2.0
2587	638564.32	4873692.44	330.09	0	DEN	2000	59.6	12.4	0.0	0.0	0.0	64.1	4.4	-2.2	0.0	0.0	7.4	0.0	0.0	-1.7
2587	638564.32	4873692.44	330.09	0	DEN	4000	55.4	12.4	0.0	0.0	0.0	64.1	14.9	-2.2	0.0	0.0	7.7	0.0	0.0	-16.7
2587	638564.32	4873692.44	330.09	0	DEN	8000	52.3	12.4	0.0	0.0	0.0	64.1	53.0	-2.2	0.0	0.0	8.3	0.0	0.0	-58.6
2603	638970.62	4873560.05	322.27	0	DEN	32	29.0	4.5	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-28.3
2603	638970.62	4873560.05	322.27	0	DEN	63	37.2	4.5	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-20.1
2603	638970.62	4873560.05	322.27	0	DEN	125	43.3	4.5	0.0	0.0	0.0	56.9	0.1	1.5	0.0	0.0	3.6	0.0	0.0	-14.2
2603	638970.62	4873560.05	322.27	0	DEN	250	48.8	4.5	0.0	0.0	0.0	56.9	0.2	2.0	0.0	0.0	3.3	0.0	0.0	-9.1
2603	638970.62	4873560.05	322.27	0	DEN	500	54.2	4.5	0.0	0.0	0.0	56.9	0.4	-0.9	0.0	0.0	6.6	0.0	0.0	-4.3
2603	638970.62	4873560.05	322.27	0	DEN	1000	60.4	4.5	0.0	0.0	0.0	56.9	0.7	-1.3	0.0	0.0	7.8	0.0	0.0	0.7
2603	638970.62	4873560.05	322.27	0	DEN	2000	59.6	4.5	0.0	0.0	0.0	56.9	1.9	-1.3	0.0	0.0	9.1	0.0	0.0	-2.5
2603	638970.62	4873560.05	322.27	0	DEN	4000	55.4	4.5	0.0	0.0	0.0	56.9	6.5	-1.3	0.0	0.0	10.8	0.0	0.0	-13.0
2603	638970.62	4873560.05	322.27	0	DEN	8000	52.3	4.5	0.0	0.0	0.0	56.9	23.1	-1.3	0.0	0.0	13.0	0.0	0.0	-35.0
2609	639001.46	4873571.37	321.47	1	DEN	250	48.8	-32.8	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-48.8
2609	639001.46	4873571.37	321.47	1	DEN	500	54.2	-32.8	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-45.1
2609	639001.46	4873571.37	321.47	1	DEN	1000	60.4	-32.8	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-41.3
2609	639001.46	4873571.37	321.47	1	DEN	2000	59.6	-32.8	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.3	0.0	1.0	-45.7
2609	639001.46	4873571.37	321.47	1	DEN	4000	55.4	-32.8	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-56.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2609	639001.46	4873571.37	321.47	1	DEN	8000	52.3	-32.8	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.8	0.0	1.0	-78.6
2615	639001.02	4873571.21	321.49	1	DEN	250	48.8	-30.4	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-46.3
2615	639001.02	4873571.21	321.49	1	DEN	500	54.2	-30.4	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-42.6
2615	639001.02	4873571.21	321.49	1	DEN	1000	60.4	-30.4	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-38.7
2615	639001.02	4873571.21	321.49	1	DEN	2000	59.6	-30.4	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-43.0
2615	639001.02	4873571.21	321.49	1	DEN	4000	55.4	-30.4	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-54.2
2615	639001.02	4873571.21	321.49	1	DEN	8000	52.3	-30.4	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.6	0.0	1.0	-75.9
2621	638988.20	4873566.50	321.82	1	DEN	250	48.8	-2.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-17.5
2621	638988.20	4873566.50	321.82	1	DEN	500	54.2	-2.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-13.0
2621	638988.20	4873566.50	321.82	1	DEN	1000	60.4	-2.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-8.4
2621	638988.20	4873566.50	321.82	1	DEN	2000	59.6	-2.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-12.0
2621	638988.20	4873566.50	321.82	1	DEN	4000	55.4	-2.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-22.9
2621	638988.20	4873566.50	321.82	1	DEN	8000	52.3	-2.7	0.0	0.0	0.0	56.7	22.5	-1.2	0.0	0.0	15.3	0.0	1.0	-44.7
2627	638976.16	4873562.08	322.13	1	DEN	250	48.8	-1.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-16.6
2627	638976.16	4873562.08	322.13	1	DEN	500	54.2	-1.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-11.8
2627	638976.16	4873562.08	322.13	1	DEN	1000	60.4	-1.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-6.8
2627	638976.16	4873562.08	322.13	1	DEN	2000	59.6	-1.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-10.1
2627	638976.16	4873562.08	322.13	1	DEN	4000	55.4	-1.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.0	0.0	1.0	-20.7
2627	638976.16	4873562.08	322.13	1	DEN	8000	52.3	-1.8	0.0	0.0	0.0	57.0	23.2	-1.2	0.0	0.0	13.3	0.0	1.0	-42.8
2632	638965.61	4873558.20	322.40	1	DEN	250	48.8	0.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-14.5
2632	638965.61	4873558.20	322.40	1	DEN	500	54.2	0.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-9.6
2632	638965.61	4873558.20	322.40	1	DEN	1000	60.4	0.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-4.4
2632	638965.61	4873558.20	322.40	1	DEN	2000	59.6	0.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-7.5
2632	638965.61	4873558.20	322.40	1	DEN	4000	55.4	0.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-18.0
2632	638965.61	4873558.20	322.40	1	DEN	8000	52.3	0.3	0.0	0.0	0.0	57.2	23.8	-1.3	0.0	0.0	12.2	0.0	1.0	-40.4
2637	638958.55	4873555.61	322.58	1	DEN	125	43.3	-4.6	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-24.7
2637	638958.55	4873555.61	322.58	1	DEN	250	48.8	-4.6	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-19.5
2637	638958.55	4873555.61	322.58	1	DEN	500	54.2	-4.6	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-14.6
2637	638958.55	4873555.61	322.58	1	DEN	1000	60.4	-4.6	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-9.3
2637	638958.55	4873555.61	322.58	1	DEN	2000	59.6	-4.6	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-12.4
2637	638958.55	4873555.61	322.58	1	DEN	4000	55.4	-4.6	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	9.8	0.0	1.0	-22.9
2637	638958.55	4873555.61	322.58	1	DEN	8000	52.3	-4.6	0.0	0.0	0.0	57.3	24.3	-1.3	0.0	0.0	11.8	0.0	1.0	-45.4
2641	638955.65	4873554.57	322.65	1	DEN	125	43.3	-6.3	0.0	0.0	0.0	57.4	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-26.4
2641	638955.65	4873554.57	322.65	1	DEN	250	48.8	-6.3	0.0	0.0	0.0	57.4	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-21.2
2641	638955.65	4873554.57	322.65	1	DEN	500	54.2	-6.3	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-16.3
2641	638955.65	4873554.57	322.65	1	DEN	1000	60.4	-6.3	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-11.1
2641	638955.65	4873554.57	322.65	1	DEN	2000	59.6	-6.3	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-14.1
2641	638955.65	4873554.57	322.65	1	DEN	4000	55.4	-6.3	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	9.7	0.0	1.0	-24.6
2641	638955.65	4873554.57	322.65	1	DEN	8000	52.3	-6.3	0.0	0.0	0.0	57.4	24.4	-1.3	0.0	0.0	11.7	0.0	1.0	-47.2
2649	638536.37	4873816.54	332.02	0	DEN	32	29.0	12.8	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-27.6
2649	638536.37	4873816.54	332.02	0	DEN	63	37.2	12.8	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-19.5
2649	638536.37	4873816.54	332.02	0	DEN	125	43.3	12.8	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-13.5
2649	638536.37	4873816.54	332.02	0	DEN	250	48.8	12.8	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-8.3
2649	638536.37	4873816.54	332.02	0	DEN	500	54.2	12.8	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-3.4
2649	638536.37	4873816.54	332.02	0	DEN	1000	60.4	12.8	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	1.9
2649	638536.37	4873816.54	332.02	0	DEN	2000	59.6	12.8	0.0	0.0	0.0	64.7	4.7	-2.2	0.0	0.0	7.1	0.0	0.0	-1.8

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2649	638536.37	4873816.54	332.02	0	DEN	4000	55.4	12.8	0.0	0.0	0.0	64.7	15.8	-2.2	0.0	0.0	7.3	0.0	0.0	-17.3
2649	638536.37	4873816.54	332.02	0	DEN	8000	52.3	12.8	0.0	0.0	0.0	64.7	56.3	-2.2	0.0	0.0	7.5	0.0	0.0	-61.1
2656	638533.33	4873815.00	332.44	1	DEN	4000	55.4	-2.9	0.0	0.0	0.0	66.8	20.2	-2.8	0.0	0.0	8.2	0.0	2.0	-42.0
2656	638533.33	4873815.00	332.44	1	DEN	8000	52.3	-2.9	0.0	0.0	0.0	66.8	72.1	-2.8	0.0	0.0	8.8	0.0	2.0	-97.5
2662	638533.27	4873815.55	332.43	1	DEN	4000	55.4	4.1	0.0	0.0	0.0	66.8	20.2	-2.8	0.0	0.0	8.2	0.0	2.0	-34.9
2662	638533.27	4873815.55	332.43	1	DEN	8000	52.3	4.1	0.0	0.0	0.0	66.8	72.0	-2.8	0.0	0.0	8.8	0.0	2.0	-90.4
2669	638532.60	4873814.27	332.55	1	DEN	4000	55.4	2.0	0.0	0.0	0.0	67.0	20.6	-2.9	0.0	0.0	7.7	0.0	2.0	-36.9
2669	638532.60	4873814.27	332.55	1	DEN	8000	52.3	2.0	0.0	0.0	0.0	67.0	73.3	-2.9	0.0	0.0	7.7	0.0	2.0	-92.8
2674	638535.13	4873816.01	332.19	1	DEN	4000	55.4	10.6	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-28.2
2674	638535.13	4873816.01	332.19	1	DEN	8000	52.3	10.6	0.0	0.0	0.0	66.9	73.1	-3.0	0.0	0.0	7.8	0.0	2.0	-84.0
2681	638800.83	4873901.80	329.23	0	DEN	32	29.0	7.2	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-27.9
2681	638800.83	4873901.80	329.23	0	DEN	63	37.2	7.2	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-19.7
2681	638800.83	4873901.80	329.23	0	DEN	125	43.3	7.2	0.0	0.0	0.0	59.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-13.7
2681	638800.83	4873901.80	329.23	0	DEN	250	48.8	7.2	0.0	0.0	0.0	59.3	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-8.5
2681	638800.83	4873901.80	329.23	0	DEN	500	54.2	7.2	0.0	0.0	0.0	59.3	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	-3.4
2681	638800.83	4873901.80	329.23	0	DEN	1000	60.4	7.2	0.0	0.0	0.0	59.3	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	2.2
2681	638800.83	4873901.80	329.23	0	DEN	2000	59.6	7.2	0.0	0.0	0.0	59.3	2.5	-1.7	0.0	0.0	7.2	0.0	0.0	-0.6
2681	638800.83	4873901.80	329.23	0	DEN	4000	55.4	7.2	0.0	0.0	0.0	59.3	8.5	-1.7	0.0	0.0	7.9	0.0	0.0	-11.4
2681	638800.83	4873901.80	329.23	0	DEN	8000	52.3	7.2	0.0	0.0	0.0	59.3	30.3	-1.7	0.0	0.0	9.0	0.0	0.0	-37.5
2738	638676.79	4873862.36	330.96	0	DEN	32	29.0	9.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-28.8
2738	638676.79	4873862.36	330.96	0	DEN	63	37.2	9.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-20.6
2738	638676.79	4873862.36	330.96	0	DEN	125	43.3	9.0	0.0	0.0	0.0	62.0	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-14.6
2738	638676.79	4873862.36	330.96	0	DEN	250	48.8	9.0	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-9.4
2738	638676.79	4873862.36	330.96	0	DEN	500	54.2	9.0	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-4.3
2738	638676.79	4873862.36	330.96	0	DEN	1000	60.4	9.0	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	1.2
2738	638676.79	4873862.36	330.96	0	DEN	2000	59.6	9.0	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	-1.9
2738	638676.79	4873862.36	330.96	0	DEN	4000	55.4	9.0	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.3	0.0	0.0	-14.5
2738	638676.79	4873862.36	330.96	0	DEN	8000	52.3	9.0	0.0	0.0	0.0	62.0	41.4	-2.0	0.0	0.0	7.8	0.0	0.0	-47.9
2770	638600.43	4873836.91	331.97	0	DEN	32	29.0	8.9	0.0	0.0	0.0	63.5	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-30.4
2770	638600.43	4873836.91	331.97	0	DEN	63	37.2	8.9	0.0	0.0	0.0	63.5	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-22.2
2770	638600.43	4873836.91	331.97	0	DEN	125	43.3	8.9	0.0	0.0	0.0	63.5	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-16.2
2770	638600.43	4873836.91	331.97	0	DEN	250	48.8	8.9	0.0	0.0	0.0	63.5	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-11.0
2770	638600.43	4873836.91	331.97	0	DEN	500	54.2	8.9	0.0	0.0	0.0	63.5	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-6.0
2770	638600.43	4873836.91	331.97	0	DEN	1000	60.4	8.9	0.0	0.0	0.0	63.5	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-0.6
2770	638600.43	4873836.91	331.97	0	DEN	2000	59.6	8.9	0.0	0.0	0.0	63.5	4.1	-2.2	0.0	0.0	7.1	0.0	0.0	-4.0
2770	638600.43	4873836.91	331.97	0	DEN	4000	55.4	8.9	0.0	0.0	0.0	63.5	13.8	-2.2	0.0	0.0	7.2	0.0	0.0	-18.1
2770	638600.43	4873836.91	331.97	0	DEN	8000	52.3	8.9	0.0	0.0	0.0	63.5	49.3	-2.2	0.0	0.0	7.5	0.0	0.0	-57.0
2777	638535.39	4873814.01	332.67	1	DEN	4000	55.4	-16.5	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-55.5
2777	638535.39	4873814.01	332.67	1	DEN	8000	52.3	-16.5	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-111.4
2783	638727.71	4873536.77	324.43	0	DEN	32	29.0	7.1	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-30.8
2783	638727.71	4873536.77	324.43	0	DEN	63	37.2	7.1	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-22.6
2783	638727.71	4873536.77	324.43	0	DEN	125	43.3	7.1	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-16.7
2783	638727.71	4873536.77	324.43	0	DEN	250	48.8	7.1	0.0	0.0	0.0	62.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-11.4
2783	638727.71	4873536.77	324.43	0	DEN	500	54.2	7.1	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-6.5
2783	638727.71	4873536.77	324.43	0	DEN	1000	60.4	7.1	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	-1.1
2783	638727.71	4873536.77	324.43	0	DEN	2000	59.6	7.1	0.0	0.0	0.0	62.1	3.5	-2.0	0.0	0.0	7.6	0.0	0.0	-4.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2783	638727.71	4873536.77	324.43	0	DEN	4000	55.4	7.1	0.0	0.0	0.0	62.1	11.8	-2.0	0.0	0.0	8.3	0.0	0.0	-17.6
2783	638727.71	4873536.77	324.43	0	DEN	8000	52.3	7.1	0.0	0.0	0.0	62.1	41.9	-2.0	0.0	0.0	9.4	0.0	0.0	-52.0
2793	638573.34	4873828.29	332.49	0	DEN	32	29.0	9.0	0.0	0.0	0.0	64.0	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-30.8
2793	638573.34	4873828.29	332.49	0	DEN	63	37.2	9.0	0.0	0.0	0.0	64.0	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-22.7
2793	638573.34	4873828.29	332.49	0	DEN	125	43.3	9.0	0.0	0.0	0.0	64.0	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-16.7
2793	638573.34	4873828.29	332.49	0	DEN	250	48.8	9.0	0.0	0.0	0.0	64.0	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-11.5
2793	638573.34	4873828.29	332.49	0	DEN	500	54.2	9.0	0.0	0.0	0.0	64.0	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-6.5
2793	638573.34	4873828.29	332.49	0	DEN	1000	60.4	9.0	0.0	0.0	0.0	64.0	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-1.1
2793	638573.34	4873828.29	332.49	0	DEN	2000	59.6	9.0	0.0	0.0	0.0	64.0	4.3	-2.2	0.0	0.0	7.1	0.0	0.0	-4.6
2793	638573.34	4873828.29	332.49	0	DEN	4000	55.4	9.0	0.0	0.0	0.0	64.0	14.6	-2.2	0.0	0.0	7.2	0.0	0.0	-19.3
2793	638573.34	4873828.29	332.49	0	DEN	8000	52.3	9.0	0.0	0.0	0.0	64.0	52.2	-2.2	0.0	0.0	7.5	0.0	0.0	-60.2
2800	638535.40	4873814.09	332.69	1	DEN	4000	55.4	-12.1	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-51.0
2800	638535.40	4873814.09	332.69	1	DEN	8000	52.3	-12.1	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-106.9
2919	638942.69	4873891.87	327.88	0	DEN	32	29.0	-0.8	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-31.4
2919	638942.69	4873891.87	327.88	0	DEN	63	37.2	-0.8	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-23.8
2919	638942.69	4873891.87	327.88	0	DEN	125	43.3	-0.8	0.0	0.0	0.0	54.9	0.1	1.6	0.0	0.0	4.5	0.0	0.0	-18.6
2919	638942.69	4873891.87	327.88	0	DEN	250	48.8	-0.8	0.0	0.0	0.0	54.9	0.2	2.1	0.0	0.0	5.1	0.0	0.0	-14.2
2919	638942.69	4873891.87	327.88	0	DEN	500	54.2	-0.8	0.0	0.0	0.0	54.9	0.3	-0.8	0.0	0.0	9.5	0.0	0.0	-10.5
2919	638942.69	4873891.87	327.88	0	DEN	1000	60.4	-0.8	0.0	0.0	0.0	54.9	0.6	-1.2	0.0	0.0	11.9	0.0	0.0	-6.6
2919	638942.69	4873891.87	327.88	0	DEN	2000	59.6	-0.8	0.0	0.0	0.0	54.9	1.5	-1.2	0.0	0.0	14.3	0.0	0.0	-10.7
2919	638942.69	4873891.87	327.88	0	DEN	4000	55.4	-0.8	0.0	0.0	0.0	54.9	5.1	-1.2	0.0	0.0	17.0	0.0	0.0	-21.2
2919	638942.69	4873891.87	327.88	0	DEN	8000	52.3	-0.8	0.0	0.0	0.0	54.9	18.2	-1.2	0.0	0.0	19.9	0.0	0.0	-40.3
2925	638923.95	4873899.89	328.29	0	DEN	32	29.0	0.0	0.0	0.0	0.0	55.7	0.0	-3.0	0.0	0.0	7.1	0.0	0.0	-30.8
2925	638923.95	4873899.89	328.29	0	DEN	63	37.2	0.0	0.0	0.0	0.0	55.7	0.0	-3.0	0.0	0.0	7.6	0.0	0.0	-23.1
2925	638923.95	4873899.89	328.29	0	DEN	125	43.3	0.0	0.0	0.0	0.0	55.7	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-17.5
2925	638923.95	4873899.89	328.29	0	DEN	250	48.8	0.0	0.0	0.0	0.0	55.7	0.2	2.0	0.0	0.0	3.3	0.0	0.0	-12.5
2925	638923.95	4873899.89	328.29	0	DEN	500	54.2	0.0	0.0	0.0	0.0	55.7	0.3	-0.9	0.0	0.0	6.8	0.0	0.0	-7.8
2925	638923.95	4873899.89	328.29	0	DEN	1000	60.4	0.0	0.0	0.0	0.0	55.7	0.6	-1.2	0.0	0.0	8.1	0.0	0.0	-2.8
2925	638923.95	4873899.89	328.29	0	DEN	2000	59.6	0.0	0.0	0.0	0.0	55.7	1.7	-1.2	0.0	0.0	9.5	0.0	0.0	-6.0
2925	638923.95	4873899.89	328.29	0	DEN	4000	55.4	0.0	0.0	0.0	0.0	55.7	5.6	-1.2	0.0	0.0	11.4	0.0	0.0	-16.1
2925	638923.95	4873899.89	328.29	0	DEN	8000	52.3	0.0	0.0	0.0	0.0	55.7	20.1	-1.2	0.0	0.0	13.7	0.0	0.0	-36.0
2933	638986.09	4873656.97	324.09	0	DEN	32	29.0	-6.2	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-33.9
2933	638986.09	4873656.97	324.09	0	DEN	63	37.2	-6.2	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-26.5
2933	638986.09	4873656.97	324.09	0	DEN	125	43.3	-6.2	0.0	0.0	0.0	51.0	0.0	1.5	0.0	0.0	6.2	0.0	0.0	-21.6
2933	638986.09	4873656.97	324.09	0	DEN	250	48.8	-6.2	0.0	0.0	0.0	51.0	0.1	2.3	0.0	0.0	7.1	0.0	0.0	-17.9
2933	638986.09	4873656.97	324.09	0	DEN	500	54.2	-6.2	0.0	0.0	0.0	51.0	0.2	-0.7	0.0	0.0	12.3	0.0	0.0	-14.8
2933	638986.09	4873656.97	324.09	0	DEN	1000	60.4	-6.2	0.0	0.0	0.0	51.0	0.4	-1.1	0.0	0.0	15.2	0.0	0.0	-11.3
2933	638986.09	4873656.97	324.09	0	DEN	2000	59.6	-6.2	0.0	0.0	0.0	51.0	1.0	-1.1	0.0	0.0	18.0	0.0	0.0	-15.5
2933	638986.09	4873656.97	324.09	0	DEN	4000	55.4	-6.2	0.0	0.0	0.0	51.0	3.3	-1.1	0.0	0.0	20.8	0.0	0.0	-24.9
2933	638986.09	4873656.97	324.09	0	DEN	8000	52.3	-6.2	0.0	0.0	0.0	51.0	11.7	-1.1	0.0	0.0	21.1	0.0	0.0	-36.6
3016	638530.50	4873809.61	331.81	0	DEN	32	29.0	8.1	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-32.4
3016	638530.50	4873809.61	331.81	0	DEN	63	37.2	8.1	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-24.3
3016	638530.50	4873809.61	331.81	0	DEN	125	43.3	8.1	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-18.3
3016	638530.50	4873809.61	331.81	0	DEN	250	48.8	8.1	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-13.2
3016	638530.50	4873809.61	331.81	0	DEN	500	54.2	8.1	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-8.2
3016	638530.50	4873809.61	331.81	0	DEN	1000	60.4	8.1	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-2.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3016	638530.50	4873809.61	331.81	0	DEN	2000	59.6	8.1	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	-6.7
3016	638530.50	4873809.61	331.81	0	DEN	4000	55.4	8.1	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.3	0.0	0.0	-22.2
3016	638530.50	4873809.61	331.81	0	DEN	8000	52.3	8.1	0.0	0.0	0.0	64.7	56.9	-2.3	0.0	0.0	7.5	0.0	0.0	-66.5
3024	638531.62	4873812.45	332.54	1	DEN	4000	55.4	-10.4	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-49.6
3024	638531.62	4873812.45	332.54	1	DEN	8000	52.3	-10.4	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.7	0.0	2.0	-105.3
3031	638530.50	4873809.61	331.81	1	DEN	4000	55.4	8.1	0.0	0.0	0.0	67.0	20.7	-2.8	0.0	0.0	7.6	0.0	2.0	-31.1
3031	638530.50	4873809.61	331.81	1	DEN	8000	52.3	8.1	0.0	0.0	0.0	67.0	73.9	-2.8	0.0	0.0	7.6	0.0	2.0	-87.4
3037	638610.05	4873841.14	332.10	0	DEN	32	29.0	6.2	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-32.9
3037	638610.05	4873841.14	332.10	0	DEN	63	37.2	6.2	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-24.7
3037	638610.05	4873841.14	332.10	0	DEN	125	43.3	6.2	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-18.8
3037	638610.05	4873841.14	332.10	0	DEN	250	48.8	6.2	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-13.5
3037	638610.05	4873841.14	332.10	0	DEN	500	54.2	6.2	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-8.5
3037	638610.05	4873841.14	332.10	0	DEN	1000	60.4	6.2	0.0	0.0	0.0	63.3	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-3.1
3037	638610.05	4873841.14	332.10	0	DEN	2000	59.6	6.2	0.0	0.0	0.0	63.3	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-6.4
3037	638610.05	4873841.14	332.10	0	DEN	4000	55.4	6.2	0.0	0.0	0.0	63.3	13.5	-2.1	0.0	0.0	7.2	0.0	0.0	-20.3
3037	638610.05	4873841.14	332.10	0	DEN	8000	52.3	6.2	0.0	0.0	0.0	63.3	48.3	-2.1	0.0	0.0	7.5	0.0	0.0	-58.5
3043	638561.92	4873824.66	331.99	0	DEN	32	29.0	7.0	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-33.0
3043	638561.92	4873824.66	331.99	0	DEN	63	37.2	7.0	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-24.8
3043	638561.92	4873824.66	331.99	0	DEN	125	43.3	7.0	0.0	0.0	0.0	64.2	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-18.9
3043	638561.92	4873824.66	331.99	0	DEN	250	48.8	7.0	0.0	0.0	0.0	64.2	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-13.7
3043	638561.92	4873824.66	331.99	0	DEN	500	54.2	7.0	0.0	0.0	0.0	64.2	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-8.7
3043	638561.92	4873824.66	331.99	0	DEN	1000	60.4	7.0	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	-3.3
3043	638561.92	4873824.66	331.99	0	DEN	2000	59.6	7.0	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.1	0.0	0.0	-6.9
3043	638561.92	4873824.66	331.99	0	DEN	4000	55.4	7.0	0.0	0.0	0.0	64.2	15.0	-2.2	0.0	0.0	7.3	0.0	0.0	-21.9
3043	638561.92	4873824.66	331.99	0	DEN	8000	52.3	7.0	0.0	0.0	0.0	64.2	53.5	-2.2	0.0	0.0	7.5	0.0	0.0	-63.7
3049	638535.42	4873814.18	332.62	1	DEN	4000	55.4	-11.3	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-50.2
3049	638535.42	4873814.18	332.62	1	DEN	8000	52.3	-11.3	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-106.0
3055	638953.38	4873833.97	326.85	0	DEN	32	29.0	-7.1	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-34.8
3055	638953.38	4873833.97	326.85	0	DEN	63	37.2	-7.1	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-27.3
3055	638953.38	4873833.97	326.85	0	DEN	125	43.3	-7.1	0.0	0.0	0.0	51.1	0.0	1.5	0.0	0.0	5.9	0.0	0.0	-22.3
3055	638953.38	4873833.97	326.85	0	DEN	250	48.8	-7.1	0.0	0.0	0.0	51.1	0.1	2.3	0.0	0.0	6.7	0.0	0.0	-18.5
3055	638953.38	4873833.97	326.85	0	DEN	500	54.2	-7.1	0.0	0.0	0.0	51.1	0.2	-0.6	0.0	0.0	11.8	0.0	0.0	-15.3
3055	638953.38	4873833.97	326.85	0	DEN	1000	60.4	-7.1	0.0	0.0	0.0	51.1	0.4	-1.0	0.0	0.0	14.6	0.0	0.0	-11.7
3055	638953.38	4873833.97	326.85	0	DEN	2000	59.6	-7.1	0.0	0.0	0.0	51.1	1.0	-1.1	0.0	0.0	17.4	0.0	0.0	-15.8
3055	638953.38	4873833.97	326.85	0	DEN	4000	55.4	-7.1	0.0	0.0	0.0	51.1	3.3	-1.1	0.0	0.0	20.2	0.0	0.0	-25.2
3055	638953.38	4873833.97	326.85	0	DEN	8000	52.3	-7.1	0.0	0.0	0.0	51.1	11.8	-1.1	0.0	0.0	21.1	0.0	0.0	-37.7
3300	638966.91	4873760.79	325.72	0	DEN	32	29.0	-13.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-36.0
3300	638966.91	4873760.79	325.72	0	DEN	63	37.2	-13.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-29.2
3300	638966.91	4873760.79	325.72	0	DEN	125	43.3	-13.8	0.0	0.0	0.0	44.5	0.0	0.9	0.0	0.0	9.0	0.0	0.0	-24.9
3300	638966.91	4873760.79	325.72	0	DEN	250	48.8	-13.8	0.0	0.0	0.0	44.5	0.0	1.7	0.0	0.0	10.5	0.0	0.0	-21.7
3300	638966.91	4873760.79	325.72	0	DEN	500	54.2	-13.8	0.0	0.0	0.0	44.5	0.1	-0.6	0.0	0.0	15.4	0.0	0.0	-18.9
3300	638966.91	4873760.79	325.72	0	DEN	1000	60.4	-13.8	0.0	0.0	0.0	44.5	0.2	-0.9	0.0	0.0	18.5	0.0	0.0	-15.6
3300	638966.91	4873760.79	325.72	0	DEN	2000	59.6	-13.8	0.0	0.0	0.0	44.5	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-19.2
3300	638966.91	4873760.79	325.72	0	DEN	4000	55.4	-13.8	0.0	0.0	0.0	44.5	1.6	-0.9	0.0	0.0	20.9	0.0	0.0	-24.5
3300	638966.91	4873760.79	325.72	0	DEN	8000	52.3	-13.8	0.0	0.0	0.0	44.5	5.5	-0.9	0.0	0.0	20.9	0.0	0.0	-31.6
3639	638728.02	4873494.09	323.44	0	DEN	32	29.0	3.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-35.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3639	638728.02	4873494.09	323.44	0	DEN	63	37.2	3.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-27.3
3639	638728.02	4873494.09	323.44	0	DEN	125	43.3	3.0	0.0	0.0	0.0	62.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-21.4
3639	638728.02	4873494.09	323.44	0	DEN	250	48.8	3.0	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-16.1
3639	638728.02	4873494.09	323.44	0	DEN	500	54.2	3.0	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-11.1
3639	638728.02	4873494.09	323.44	0	DEN	1000	60.4	3.0	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.1	0.0	0.0	-5.7
3639	638728.02	4873494.09	323.44	0	DEN	2000	59.6	3.0	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.3	0.0	0.0	-9.1
3639	638728.02	4873494.09	323.44	0	DEN	4000	55.4	3.0	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	7.8	0.0	0.0	-22.6
3639	638728.02	4873494.09	323.44	0	DEN	8000	52.3	3.0	0.0	0.0	0.0	62.7	45.1	-2.1	0.0	0.0	8.5	0.0	0.0	-58.9
3691	638966.05	4873558.06	322.18	0	DEN	32	29.0	-3.2	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-36.1
3691	638966.05	4873558.06	322.18	0	DEN	63	37.2	-3.2	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-28.0
3691	638966.05	4873558.06	322.18	0	DEN	125	43.3	-3.2	0.0	0.0	0.0	57.1	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-22.1
3691	638966.05	4873558.06	322.18	0	DEN	250	48.8	-3.2	0.0	0.0	0.0	57.1	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-17.0
3691	638966.05	4873558.06	322.18	0	DEN	500	54.2	-3.2	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.6	0.0	0.0	-12.2
3691	638966.05	4873558.06	322.18	0	DEN	1000	60.4	-3.2	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	7.7	0.0	0.0	-7.1
3691	638966.05	4873558.06	322.18	0	DEN	2000	59.6	-3.2	0.0	0.0	0.0	57.1	1.9	-1.3	0.0	0.0	9.0	0.0	0.0	-10.3
3691	638966.05	4873558.06	322.18	0	DEN	4000	55.4	-3.2	0.0	0.0	0.0	57.1	6.6	-1.3	0.0	0.0	10.7	0.0	0.0	-20.9
3691	638966.05	4873558.06	322.18	0	DEN	8000	52.3	-3.2	0.0	0.0	0.0	57.1	23.5	-1.3	0.0	0.0	12.9	0.0	0.0	-43.1
3696	638976.84	4873561.72	321.66	1	DEN	250	48.8	-18.2	0.0	0.0	0.0	56.9	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-33.0
3696	638976.84	4873561.72	321.66	1	DEN	500	54.2	-18.2	0.0	0.0	0.0	56.9	0.4	-0.8	0.0	0.0	6.9	0.0	1.0	-28.4
3696	638976.84	4873561.72	321.66	1	DEN	1000	60.4	-18.2	0.0	0.0	0.0	56.9	0.7	-1.2	0.0	0.0	8.3	0.0	1.0	-23.5
3696	638976.84	4873561.72	321.66	1	DEN	2000	59.6	-18.2	0.0	0.0	0.0	56.9	1.9	-1.2	0.0	0.0	9.8	0.0	1.0	-27.0
3696	638976.84	4873561.72	321.66	1	DEN	4000	55.4	-18.2	0.0	0.0	0.0	56.9	6.5	-1.2	0.0	0.0	11.8	0.0	1.0	-37.8
3696	638976.84	4873561.72	321.66	1	DEN	8000	52.3	-18.2	0.0	0.0	0.0	56.9	23.1	-1.2	0.0	0.0	14.2	0.0	1.0	-60.0
3702	638973.57	4873560.61	321.82	1	DEN	250	48.8	-13.0	0.0	0.0	0.0	57.0	0.2	2.0	0.0	0.0	3.3	0.0	1.0	-27.8
3702	638973.57	4873560.61	321.82	1	DEN	500	54.2	-13.0	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.8	0.0	1.0	-23.1
3702	638973.57	4873560.61	321.82	1	DEN	1000	60.4	-13.0	0.0	0.0	0.0	57.0	0.7	-1.3	0.0	0.0	8.0	0.0	1.0	-18.1
3702	638973.57	4873560.61	321.82	1	DEN	2000	59.6	-13.0	0.0	0.0	0.0	57.0	1.9	-1.3	0.0	0.0	9.4	0.0	1.0	-21.5
3702	638973.57	4873560.61	321.82	1	DEN	4000	55.4	-13.0	0.0	0.0	0.0	57.0	6.5	-1.3	0.0	0.0	11.3	0.0	1.0	-32.2
3702	638973.57	4873560.61	321.82	1	DEN	8000	52.3	-13.0	0.0	0.0	0.0	57.0	23.3	-1.3	0.0	0.0	13.6	0.0	1.0	-54.4
3707	638966.30	4873558.15	322.17	1	DEN	250	48.8	-5.1	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-19.9
3707	638966.30	4873558.15	322.17	1	DEN	500	54.2	-5.1	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-15.1
3707	638966.30	4873558.15	322.17	1	DEN	1000	60.4	-5.1	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	-10.0
3707	638966.30	4873558.15	322.17	1	DEN	2000	59.6	-5.1	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.8	0.0	1.0	-13.2
3707	638966.30	4873558.15	322.17	1	DEN	4000	55.4	-5.1	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.5	0.0	1.0	-23.8
3707	638966.30	4873558.15	322.17	1	DEN	8000	52.3	-5.1	0.0	0.0	0.0	57.2	23.8	-1.3	0.0	0.0	12.7	0.0	1.0	-46.1
3713	638961.15	4873556.39	322.42	1	DEN	125	43.3	-12.2	0.0	0.0	0.0	57.3	0.1	1.6	0.0	0.0	3.4	0.0	1.0	-32.2
3713	638961.15	4873556.39	322.42	1	DEN	250	48.8	-12.2	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-27.0
3713	638961.15	4873556.39	322.42	1	DEN	500	54.2	-12.2	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-22.2
3713	638961.15	4873556.39	322.42	1	DEN	1000	60.4	-12.2	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-17.0
3713	638961.15	4873556.39	322.42	1	DEN	2000	59.6	-12.2	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.5	0.0	1.0	-20.1
3713	638961.15	4873556.39	322.42	1	DEN	4000	55.4	-12.2	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	10.0	0.0	1.0	-30.6
3713	638961.15	4873556.39	322.42	1	DEN	8000	52.3	-12.2	0.0	0.0	0.0	57.3	24.1	-1.3	0.0	0.0	12.1	0.0	1.0	-53.1
3719	638959.18	4873555.73	322.52	1	DEN	125	43.3	-13.5	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-33.6
3719	638959.18	4873555.73	322.52	1	DEN	250	48.8	-13.5	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-28.4
3719	638959.18	4873555.73	322.52	1	DEN	500	54.2	-13.5	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-23.5
3719	638959.18	4873555.73	322.52	1	DEN	1000	60.4	-13.5	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-18.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3719	638959.18	4873555.73	322.52	1	DEN	2000	59.6	-13.5	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.4	0.0	1.0	-21.4
3719	638959.18	4873555.73	322.52	1	DEN	4000	55.4	-13.5	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	9.9	0.0	1.0	-31.9
3719	638959.18	4873555.73	322.52	1	DEN	8000	52.3	-13.5	0.0	0.0	0.0	57.3	24.2	-1.3	0.0	0.0	11.9	0.0	1.0	-54.4
3726	638774.18	4873492.92	322.89	0	DEN	32	29.0	1.5	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-36.2
3726	638774.18	4873492.92	322.89	0	DEN	63	37.2	1.5	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-28.1
3726	638774.18	4873492.92	322.89	0	DEN	125	43.3	1.5	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-22.1
3726	638774.18	4873492.92	322.89	0	DEN	250	48.8	1.5	0.0	0.0	0.0	62.0	0.4	1.3	0.0	0.0	3.6	0.0	0.0	-16.9
3726	638774.18	4873492.92	322.89	0	DEN	500	54.2	1.5	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-11.8
3726	638774.18	4873492.92	322.89	0	DEN	1000	60.4	1.5	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.0	0.0	0.0	-6.4
3726	638774.18	4873492.92	322.89	0	DEN	2000	59.6	1.5	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.2	0.0	0.0	-9.5
3726	638774.18	4873492.92	322.89	0	DEN	4000	55.4	1.5	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.7	0.0	0.0	-22.3
3726	638774.18	4873492.92	322.89	0	DEN	8000	52.3	1.5	0.0	0.0	0.0	62.0	41.3	-2.0	0.0	0.0	8.4	0.0	0.0	-55.9
3733	638715.90	4873874.80	330.36	0	DEN	32	29.0	0.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-36.1
3733	638715.90	4873874.80	330.36	0	DEN	63	37.2	0.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-27.9
3733	638715.90	4873874.80	330.36	0	DEN	125	43.3	0.9	0.0	0.0	0.0	61.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-21.9
3733	638715.90	4873874.80	330.36	0	DEN	250	48.8	0.9	0.0	0.0	0.0	61.1	0.3	1.3	0.0	0.0	3.5	0.0	0.0	-16.6
3733	638715.90	4873874.80	330.36	0	DEN	500	54.2	0.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-11.6
3733	638715.90	4873874.80	330.36	0	DEN	1000	60.4	0.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	6.9	0.0	0.0	-6.0
3733	638715.90	4873874.80	330.36	0	DEN	2000	59.6	0.9	0.0	0.0	0.0	61.1	3.1	-1.9	0.0	0.0	7.1	0.0	0.0	-9.0
3733	638715.90	4873874.80	330.36	0	DEN	4000	55.4	0.9	0.0	0.0	0.0	61.1	10.5	-1.9	0.0	0.0	7.5	0.0	0.0	-21.0
3733	638715.90	4873874.80	330.36	0	DEN	8000	52.3	0.9	0.0	0.0	0.0	61.1	37.6	-1.9	0.0	0.0	8.1	0.0	0.0	-51.8
3827	638906.02	4873913.21	328.66	0	DEN	32	29.0	-4.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-37.2
3827	638906.02	4873913.21	328.66	0	DEN	63	37.2	-4.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-29.0
3827	638906.02	4873913.21	328.66	0	DEN	125	43.3	-4.6	0.0	0.0	0.0	56.7	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-23.1
3827	638906.02	4873913.21	328.66	0	DEN	250	48.8	-4.6	0.0	0.0	0.0	56.7	0.2	2.0	0.0	0.0	3.1	0.0	0.0	-17.8
3827	638906.02	4873913.21	328.66	0	DEN	500	54.2	-4.6	0.0	0.0	0.0	56.7	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	-12.8
3827	638906.02	4873913.21	328.66	0	DEN	1000	60.4	-4.6	0.0	0.0	0.0	56.7	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	-7.5
3827	638906.02	4873913.21	328.66	0	DEN	2000	59.6	-4.6	0.0	0.0	0.0	56.7	1.9	-1.3	0.0	0.0	7.9	0.0	0.0	-10.2
3827	638906.02	4873913.21	328.66	0	DEN	4000	55.4	-4.6	0.0	0.0	0.0	56.7	6.3	-1.3	0.0	0.0	9.2	0.0	0.0	-20.2
3827	638906.02	4873913.21	328.66	0	DEN	8000	52.3	-4.6	0.0	0.0	0.0	56.7	22.5	-1.3	0.0	0.0	11.0	0.0	0.0	-41.3
3833	638908.12	4873910.34	328.58	1	DEN	4000	55.4	-11.1	0.0	0.0	0.0	57.2	6.7	-1.1	0.0	0.0	14.1	0.0	1.0	-33.6
3833	638908.12	4873910.34	328.58	1	DEN	8000	52.3	-11.1	0.0	0.0	0.0	57.2	23.8	-1.1	0.0	0.0	16.8	0.0	1.0	-56.4
4006	638731.10	4873879.63	330.37	0	DEN	32	29.0	-0.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.7	0.0	0.0	-37.2
4006	638731.10	4873879.63	330.37	0	DEN	63	37.2	-0.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-29.0
4006	638731.10	4873879.63	330.37	0	DEN	125	43.3	-0.6	0.0	0.0	0.0	60.8	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-23.0
4006	638731.10	4873879.63	330.37	0	DEN	250	48.8	-0.6	0.0	0.0	0.0	60.8	0.3	1.3	0.0	0.0	3.5	0.0	0.0	-17.8
4006	638731.10	4873879.63	330.37	0	DEN	500	54.2	-0.6	0.0	0.0	0.0	60.8	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-12.7
4006	638731.10	4873879.63	330.37	0	DEN	1000	60.4	-0.6	0.0	0.0	0.0	60.8	1.1	-1.9	0.0	0.0	6.9	0.0	0.0	-7.1
4006	638731.10	4873879.63	330.37	0	DEN	2000	59.6	-0.6	0.0	0.0	0.0	60.8	3.0	-1.9	0.0	0.0	7.1	0.0	0.0	-10.0
4006	638731.10	4873879.63	330.37	0	DEN	4000	55.4	-0.6	0.0	0.0	0.0	60.8	10.1	-1.9	0.0	0.0	7.5	0.0	0.0	-21.7
4006	638731.10	4873879.63	330.37	0	DEN	8000	52.3	-0.6	0.0	0.0	0.0	60.8	36.2	-1.9	0.0	0.0	8.2	0.0	0.0	-51.6
4038	638727.97	4873494.07	323.44	0	DEN	32	29.0	1.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-37.3
4038	638727.97	4873494.07	323.44	0	DEN	63	37.2	1.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-29.1
4038	638727.97	4873494.07	323.44	0	DEN	125	43.3	1.2	0.0	0.0	0.0	62.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-23.2
4038	638727.97	4873494.07	323.44	0	DEN	250	48.8	1.2	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-17.9
4038	638727.97	4873494.07	323.44	0	DEN	500	54.2	1.2	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-12.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4038	638727.97	4873494.07	323.44	0	DEN	1000	60.4	1.2	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.1	0.0	0.0	-7.5
4038	638727.97	4873494.07	323.44	0	DEN	2000	59.6	1.2	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.3	0.0	0.0	-10.9
4038	638727.97	4873494.07	323.44	0	DEN	4000	55.4	1.2	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	7.8	0.0	0.0	-24.4
4038	638727.97	4873494.07	323.44	0	DEN	8000	52.3	1.2	0.0	0.0	0.0	62.7	45.1	-2.1	0.0	0.0	8.5	0.0	0.0	-60.7
4155	638571.48	4873682.09	329.76	0	DEN	32	29.0	2.2	0.0	0.0	0.0	64.0	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-37.6
4155	638571.48	4873682.09	329.76	0	DEN	63	37.2	2.2	0.0	0.0	0.0	64.0	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-29.5
4155	638571.48	4873682.09	329.76	0	DEN	125	43.3	2.2	0.0	0.0	0.0	64.0	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-23.5
4155	638571.48	4873682.09	329.76	0	DEN	250	48.8	2.2	0.0	0.0	0.0	64.0	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-18.3
4155	638571.48	4873682.09	329.76	0	DEN	500	54.2	2.2	0.0	0.0	0.0	64.0	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-13.4
4155	638571.48	4873682.09	329.76	0	DEN	1000	60.4	2.2	0.0	0.0	0.0	64.0	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	-8.1
4155	638571.48	4873682.09	329.76	0	DEN	2000	59.6	2.2	0.0	0.0	0.0	64.0	4.3	-2.2	0.0	0.0	7.4	0.0	0.0	-11.8
4155	638571.48	4873682.09	329.76	0	DEN	4000	55.4	2.2	0.0	0.0	0.0	64.0	14.7	-2.2	0.0	0.0	7.8	0.0	0.0	-26.7
4155	638571.48	4873682.09	329.76	0	DEN	8000	52.3	2.2	0.0	0.0	0.0	64.0	52.4	-2.2	0.0	0.0	8.5	0.0	0.0	-68.1
4283	638895.00	4873534.37	323.26	0	DEN	32	29.0	-6.9	0.0	0.0	0.0	58.9	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-41.6
4283	638895.00	4873534.37	323.26	0	DEN	63	37.2	-6.9	0.0	0.0	0.0	58.9	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-33.5
4283	638895.00	4873534.37	323.26	0	DEN	125	43.3	-6.9	0.0	0.0	0.0	58.9	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-27.5
4283	638895.00	4873534.37	323.26	0	DEN	250	48.8	-6.9	0.0	0.0	0.0	58.9	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-22.3
4283	638895.00	4873534.37	323.26	0	DEN	500	54.2	-6.9	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.3	0.0	0.0	-17.2
4283	638895.00	4873534.37	323.26	0	DEN	1000	60.4	-6.9	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	7.1	0.0	0.0	-11.8
4283	638895.00	4873534.37	323.26	0	DEN	2000	59.6	-6.9	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.7	0.0	0.0	-14.7
4283	638895.00	4873534.37	323.26	0	DEN	4000	55.4	-6.9	0.0	0.0	0.0	58.9	8.2	-1.6	0.0	0.0	8.6	0.0	0.0	-25.6
4283	638895.00	4873534.37	323.26	0	DEN	8000	52.3	-6.9	0.0	0.0	0.0	58.9	29.1	-1.6	0.0	0.0	10.1	0.0	0.0	-51.2
4290	638987.98	4873566.70	321.70	1	DEN	250	48.8	-24.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-39.5
4290	638987.98	4873566.70	321.70	1	DEN	500	54.2	-24.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-35.1
4290	638987.98	4873566.70	321.70	1	DEN	1000	60.4	-24.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	9.0	0.0	1.0	-30.5
4290	638987.98	4873566.70	321.70	1	DEN	2000	59.6	-24.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.7	0.0	1.0	-34.2
4290	638987.98	4873566.70	321.70	1	DEN	4000	55.4	-24.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.9	0.0	1.0	-45.1
4290	638987.98	4873566.70	321.70	1	DEN	8000	52.3	-24.7	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.5	0.0	1.0	-67.0
4295	638975.74	4873562.44	321.90	1	DEN	250	48.8	-23.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.3	0.0	1.0	-38.6
4295	638975.74	4873562.44	321.90	1	DEN	500	54.2	-23.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.8	0.0	1.0	-33.9
4295	638975.74	4873562.44	321.90	1	DEN	1000	60.4	-23.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	8.0	0.0	1.0	-29.0
4295	638975.74	4873562.44	321.90	1	DEN	2000	59.6	-23.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.4	0.0	1.0	-32.3
4295	638975.74	4873562.44	321.90	1	DEN	4000	55.4	-23.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.3	0.0	1.0	-43.0
4295	638975.74	4873562.44	321.90	1	DEN	8000	52.3	-23.8	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.6	0.0	1.0	-65.2
4300	638965.04	4873558.72	322.08	1	DEN	250	48.8	-21.6	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-36.5
4300	638965.04	4873558.72	322.08	1	DEN	500	54.2	-21.6	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-31.7
4300	638965.04	4873558.72	322.08	1	DEN	1000	60.4	-21.6	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	-26.6
4300	638965.04	4873558.72	322.08	1	DEN	2000	59.6	-21.6	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.8	0.0	1.0	-29.8
4300	638965.04	4873558.72	322.08	1	DEN	4000	55.4	-21.6	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.5	0.0	1.0	-40.4
4300	638965.04	4873558.72	322.08	1	DEN	8000	52.3	-21.6	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.6	0.0	1.0	-62.9
4305	638953.74	4873554.79	322.27	1	DEN	250	48.8	-20.8	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-35.8
4305	638953.74	4873554.79	322.27	1	DEN	500	54.2	-20.8	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-31.0
4305	638953.74	4873554.79	322.27	1	DEN	1000	60.4	-20.8	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-25.8
4305	638953.74	4873554.79	322.27	1	DEN	2000	59.6	-20.8	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.5	0.0	1.0	-28.9
4305	638953.74	4873554.79	322.27	1	DEN	4000	55.4	-20.8	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	10.1	0.0	1.0	-39.5
4305	638953.74	4873554.79	322.27	1	DEN	8000	52.3	-20.8	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	12.1	0.0	1.0	-62.4

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4311	638943.56	4873551.25	322.45	1	DEN	250	48.8	-20.7	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-36.0
4311	638943.56	4873551.25	322.45	1	DEN	500	54.2	-20.7	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.4	0.0	1.0	-31.1
4311	638943.56	4873551.25	322.45	1	DEN	1000	60.4	-20.7	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.4	0.0	1.0	-25.8
4311	638943.56	4873551.25	322.45	1	DEN	2000	59.6	-20.7	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.4	0.0	1.0	-28.9
4311	638943.56	4873551.25	322.45	1	DEN	4000	55.4	-20.7	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.8	0.0	1.0	-39.6
4311	638943.56	4873551.25	322.45	1	DEN	8000	52.3	-20.7	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.8	0.0	1.0	-62.8
4316	638924.98	4873544.79	322.76	1	DEN	250	48.8	-14.9	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-30.6
4316	638924.98	4873544.79	322.76	1	DEN	500	54.2	-14.9	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.3	0.0	1.0	-25.7
4316	638924.98	4873544.79	322.76	1	DEN	1000	60.4	-14.9	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-20.3
4316	638924.98	4873544.79	322.76	1	DEN	2000	59.6	-14.9	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.9	0.0	1.0	-23.2
4316	638924.98	4873544.79	322.76	1	DEN	4000	55.4	-14.9	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	9.1	0.0	1.0	-34.0
4316	638924.98	4873544.79	322.76	1	DEN	8000	52.3	-14.9	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.9	0.0	1.0	-58.1
4321	638898.44	4873535.57	323.21	1	DEN	250	48.8	-13.6	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.3	0.0	1.0	-29.9
4321	638898.44	4873535.57	323.21	1	DEN	500	54.2	-13.6	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.3	0.0	1.0	-24.9
4321	638898.44	4873535.57	323.21	1	DEN	1000	60.4	-13.6	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	7.0	0.0	1.0	-19.5
4321	638898.44	4873535.57	323.21	1	DEN	2000	59.6	-13.6	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.6	0.0	1.0	-22.3
4321	638898.44	4873535.57	323.21	1	DEN	4000	55.4	-13.6	0.0	0.0	0.0	58.9	8.2	-1.6	0.0	0.0	8.6	0.0	1.0	-33.2
4321	638898.44	4873535.57	323.21	1	DEN	8000	52.3	-13.6	0.0	0.0	0.0	58.9	29.1	-1.6	0.0	0.0	10.0	0.0	1.0	-58.7
4326	638867.71	4873524.89	323.72	1	DEN	250	48.8	-11.4	0.0	0.0	0.0	59.7	0.3	1.5	0.0	0.0	3.4	0.0	1.0	-28.5
4326	638867.71	4873524.89	323.72	1	DEN	500	54.2	-11.4	0.0	0.0	0.0	59.7	0.5	-1.3	0.0	0.0	6.4	0.0	1.0	-23.5
4326	638867.71	4873524.89	323.72	1	DEN	1000	60.4	-11.4	0.0	0.0	0.0	59.7	1.0	-1.7	0.0	0.0	7.0	0.0	1.0	-18.0
4326	638867.71	4873524.89	323.72	1	DEN	2000	59.6	-11.4	0.0	0.0	0.0	59.7	2.6	-1.7	0.0	0.0	7.4	0.0	1.0	-20.8
4326	638867.71	4873524.89	323.72	1	DEN	4000	55.4	-11.4	0.0	0.0	0.0	59.7	9.0	-1.7	0.0	0.0	8.1	0.0	1.0	-32.1
4326	638867.71	4873524.89	323.72	1	DEN	8000	52.3	-11.4	0.0	0.0	0.0	59.7	32.0	-1.7	0.0	0.0	9.3	0.0	1.0	-59.3
4331	638846.40	4873517.48	324.08	1	DEN	500	54.2	-16.2	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-28.8
4331	638846.40	4873517.48	324.08	1	DEN	1000	60.4	-16.2	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-23.3
4331	638846.40	4873517.48	324.08	1	DEN	2000	59.6	-16.2	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	1.0	-26.2
4331	638846.40	4873517.48	324.08	1	DEN	4000	55.4	-16.2	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.8	0.0	1.0	-37.6
4331	638846.40	4873517.48	324.08	1	DEN	8000	52.3	-16.2	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	8.7	0.0	1.0	-66.2
4337	638841.57	4873515.80	324.16	1	DEN	500	54.2	-37.7	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-50.4
4337	638841.57	4873515.80	324.16	1	DEN	1000	60.4	-37.7	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-44.9
4337	638841.57	4873515.80	324.16	1	DEN	2000	59.6	-37.7	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-47.7
4337	638841.57	4873515.80	324.16	1	DEN	4000	55.4	-37.7	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-59.3
4337	638841.57	4873515.80	324.16	1	DEN	8000	52.3	-37.7	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-88.1
4441	638925.84	4873544.84	323.21	0	DEN	32	29.0	-8.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-42.4
4441	638925.84	4873544.84	323.21	0	DEN	63	37.2	-8.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-34.3
4441	638925.84	4873544.84	323.21	0	DEN	125	43.3	-8.5	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-28.3
4441	638925.84	4873544.84	323.21	0	DEN	250	48.8	-8.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-23.0
4441	638925.84	4873544.84	323.21	0	DEN	500	54.2	-8.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-18.1
4441	638925.84	4873544.84	323.21	0	DEN	1000	60.4	-8.5	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-12.6
4441	638925.84	4873544.84	323.21	0	DEN	2000	59.6	-8.5	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-15.5
4441	638925.84	4873544.84	323.21	0	DEN	4000	55.4	-8.5	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-26.1
4441	638925.84	4873544.84	323.21	0	DEN	8000	52.3	-8.5	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-49.9
4447	638988.02	4873566.66	321.78	1	DEN	250	48.8	-23.3	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-38.2
4447	638988.02	4873566.66	321.78	1	DEN	500	54.2	-23.3	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-33.7
4447	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-23.3	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-29.0

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4447	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-23.3	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-32.7
4447	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-23.3	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-43.6
4447	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-23.3	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-65.5
4454	638975.81	4873562.38	322.06	1	DEN	250	48.8	-22.5	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-37.2
4454	638975.81	4873562.38	322.06	1	DEN	500	54.2	-22.5	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-32.5
4454	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-22.5	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-27.5
4454	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-22.5	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-30.8
4454	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-22.5	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-41.4
4454	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-22.5	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-63.6
4458	638965.13	4873558.63	322.31	1	DEN	250	48.8	-20.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-35.1
4458	638965.13	4873558.63	322.31	1	DEN	500	54.2	-20.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-30.3
4458	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-20.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-25.1
4458	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-20.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-28.2
4458	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-20.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-38.8
4458	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-20.3	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-61.2
4462	638953.87	4873554.68	322.57	1	DEN	250	48.8	-19.4	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-34.4
4462	638953.87	4873554.68	322.57	1	DEN	500	54.2	-19.4	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-29.6
4462	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-19.4	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-24.3
4462	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-19.4	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-27.3
4462	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-19.4	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-37.8
4462	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-19.4	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-60.6
4467	638943.75	4873551.13	322.80	1	DEN	250	48.8	-19.4	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-34.6
4467	638943.75	4873551.13	322.80	1	DEN	500	54.2	-19.4	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-29.7
4467	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-19.4	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-24.3
4467	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-19.4	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-27.3
4467	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-19.4	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-37.9
4467	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-19.4	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-61.0
4474	638925.26	4873544.64	323.23	1	DEN	250	48.8	-13.6	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-29.2
4474	638925.26	4873544.64	323.23	1	DEN	500	54.2	-13.6	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-24.2
4474	638925.26	4873544.64	323.23	1	DEN	1000	60.4	-13.6	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-18.8
4474	638925.26	4873544.64	323.23	1	DEN	2000	59.6	-13.6	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-21.6
4474	638925.26	4873544.64	323.23	1	DEN	4000	55.4	-13.6	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-32.2
4474	638925.26	4873544.64	323.23	1	DEN	8000	52.3	-13.6	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-56.2
4480	638899.83	4873535.71	323.81	1	DEN	250	48.8	-12.6	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-28.9
4480	638899.83	4873535.71	323.81	1	DEN	500	54.2	-12.6	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-23.8
4480	638899.83	4873535.71	323.81	1	DEN	1000	60.4	-12.6	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-18.3
4480	638899.83	4873535.71	323.81	1	DEN	2000	59.6	-12.6	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-21.1
4480	638899.83	4873535.71	323.81	1	DEN	4000	55.4	-12.6	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-31.8
4480	638899.83	4873535.71	323.81	1	DEN	8000	52.3	-12.6	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-57.0
4487	638887.84	4873531.51	324.09	1	DEN	250	48.8	-37.7	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	1.0	-54.3
4487	638887.84	4873531.51	324.09	1	DEN	500	54.2	-37.7	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.3	0.0	1.0	-49.2
4487	638887.84	4873531.51	324.09	1	DEN	1000	60.4	-37.7	0.0	0.0	0.0	59.2	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-43.7
4487	638887.84	4873531.51	324.09	1	DEN	2000	59.6	-37.7	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.3	0.0	1.0	-46.5
4487	638887.84	4873531.51	324.09	1	DEN	4000	55.4	-37.7	0.0	0.0	0.0	59.2	8.4	-1.7	0.0	0.0	8.0	0.0	1.0	-57.3
4487	638887.84	4873531.51	324.09	1	DEN	8000	52.3	-37.7	0.0	0.0	0.0	59.2	30.0	-1.7	0.0	0.0	9.2	0.0	1.0	-83.2
4530	638695.86	4873868.42	330.50	0	DEN	32	29.0	-3.9	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-41.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4530	638695.86	4873868.42	330.50	0	DEN	63	37.2	-3.9	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-33.1
4530	638695.86	4873868.42	330.50	0	DEN	125	43.3	-3.9	0.0	0.0	0.0	61.6	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-27.1
4530	638695.86	4873868.42	330.50	0	DEN	250	48.8	-3.9	0.0	0.0	0.0	61.6	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-21.9
4530	638695.86	4873868.42	330.50	0	DEN	500	54.2	-3.9	0.0	0.0	0.0	61.6	0.7	-1.6	0.0	0.0	6.4	0.0	0.0	-16.8
4530	638695.86	4873868.42	330.50	0	DEN	1000	60.4	-3.9	0.0	0.0	0.0	61.6	1.2	-2.0	0.0	0.0	6.9	0.0	0.0	-11.3
4530	638695.86	4873868.42	330.50	0	DEN	2000	59.6	-3.9	0.0	0.0	0.0	61.6	3.3	-2.0	0.0	0.0	7.1	0.0	0.0	-14.3
4530	638695.86	4873868.42	330.50	0	DEN	4000	55.4	-3.9	0.0	0.0	0.0	61.6	11.1	-2.0	0.0	0.0	7.4	0.0	0.0	-26.6
4530	638695.86	4873868.42	330.50	0	DEN	8000	52.3	-3.9	0.0	0.0	0.0	61.6	39.5	-2.0	0.0	0.0	8.0	0.0	0.0	-58.8
4537	638770.85	4873892.27	330.29	0	DEN	32	29.0	-5.5	0.0	0.0	0.0	59.9	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-41.3
4537	638770.85	4873892.27	330.29	0	DEN	63	37.2	-5.5	0.0	0.0	0.0	59.9	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-33.1
4537	638770.85	4873892.27	330.29	0	DEN	125	43.3	-5.5	0.0	0.0	0.0	59.9	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-27.1
4537	638770.85	4873892.27	330.29	0	DEN	250	48.8	-5.5	0.0	0.0	0.0	59.9	0.3	1.5	0.0	0.0	3.3	0.0	0.0	-21.8
4537	638770.85	4873892.27	330.29	0	DEN	500	54.2	-5.5	0.0	0.0	0.0	59.9	0.5	-1.4	0.0	0.0	6.3	0.0	0.0	-16.7
4537	638770.85	4873892.27	330.29	0	DEN	1000	60.4	-5.5	0.0	0.0	0.0	59.9	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	-11.1
4537	638770.85	4873892.27	330.29	0	DEN	2000	59.6	-5.5	0.0	0.0	0.0	59.9	2.7	-1.8	0.0	0.0	7.0	0.0	0.0	-13.8
4537	638770.85	4873892.27	330.29	0	DEN	4000	55.4	-5.5	0.0	0.0	0.0	59.9	9.2	-1.8	0.0	0.0	7.5	0.0	0.0	-25.0
4537	638770.85	4873892.27	330.29	0	DEN	8000	52.3	-5.5	0.0	0.0	0.0	59.9	32.7	-1.8	0.0	0.0	8.2	0.0	0.0	-52.4
4551	638925.68	4873544.79	323.21	0	DEN	32	29.0	-9.8	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-43.7
4551	638925.68	4873544.79	323.21	0	DEN	63	37.2	-9.8	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-35.6
4551	638925.68	4873544.79	323.21	0	DEN	125	43.3	-9.8	0.0	0.0	0.0	58.1	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-29.6
4551	638925.68	4873544.79	323.21	0	DEN	250	48.8	-9.8	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-24.3
4551	638925.68	4873544.79	323.21	0	DEN	500	54.2	-9.8	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-19.4
4551	638925.68	4873544.79	323.21	0	DEN	1000	60.4	-9.8	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-14.0
4551	638925.68	4873544.79	323.21	0	DEN	2000	59.6	-9.8	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-16.8
4551	638925.68	4873544.79	323.21	0	DEN	4000	55.4	-9.8	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-27.4
4551	638925.68	4873544.79	323.21	0	DEN	8000	52.3	-9.8	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-51.2
4558	638988.02	4873566.66	321.78	1	DEN	250	48.8	-24.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-39.5
4558	638988.02	4873566.66	321.78	1	DEN	500	54.2	-24.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-35.0
4558	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-24.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-30.4
4558	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-24.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-34.1
4558	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-24.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-44.9
4558	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-24.7	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-66.8
4564	638975.81	4873562.38	322.06	1	DEN	250	48.8	-23.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-38.5
4564	638975.81	4873562.38	322.06	1	DEN	500	54.2	-23.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-33.8
4564	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-23.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-28.8
4564	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-23.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-32.1
4564	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-23.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-42.8
4564	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-23.8	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-64.9
4570	638965.13	4873558.63	322.31	1	DEN	250	48.8	-21.6	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-36.5
4570	638965.13	4873558.63	322.31	1	DEN	500	54.2	-21.6	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-31.6
4570	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-21.6	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-26.4
4570	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-21.6	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-29.6
4570	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-21.6	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-40.1
4570	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-21.6	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-62.5
4577	638953.87	4873554.68	322.57	1	DEN	250	48.8	-20.8	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-35.8
4577	638953.87	4873554.68	322.57	1	DEN	500	54.2	-20.8	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-30.9

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4577	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-20.8	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-25.6
4577	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-20.8	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-28.7
4577	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-20.8	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-39.2
4577	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-20.8	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-61.9
4584	638943.75	4873551.13	322.80	1	DEN	250	48.8	-20.7	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-35.9
4584	638943.75	4873551.13	322.80	1	DEN	500	54.2	-20.7	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-31.0
4584	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-20.7	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-25.7
4584	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-20.7	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-28.6
4584	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-20.7	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-39.2
4584	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-20.7	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-62.4
4590	638925.26	4873544.64	323.22	1	DEN	250	48.8	-14.9	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-30.5
4590	638925.26	4873544.64	323.22	1	DEN	500	54.2	-14.9	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-25.6
4590	638925.26	4873544.64	323.22	1	DEN	1000	60.4	-14.9	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-20.1
4590	638925.26	4873544.64	323.22	1	DEN	2000	59.6	-14.9	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-23.0
4590	638925.26	4873544.64	323.22	1	DEN	4000	55.4	-14.9	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-33.6
4590	638925.26	4873544.64	323.22	1	DEN	8000	52.3	-14.9	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-57.5
4596	638899.68	4873535.66	323.81	1	DEN	250	48.8	-13.9	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-30.1
4596	638899.68	4873535.66	323.81	1	DEN	500	54.2	-13.9	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-25.1
4596	638899.68	4873535.66	323.81	1	DEN	1000	60.4	-13.9	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-19.6
4596	638899.68	4873535.66	323.81	1	DEN	2000	59.6	-13.9	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-22.3
4596	638899.68	4873535.66	323.81	1	DEN	4000	55.4	-13.9	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-33.1
4596	638899.68	4873535.66	323.81	1	DEN	8000	52.3	-13.9	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-58.3
4604	638925.75	4873544.81	323.21	0	DEN	32	29.0	-10.0	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-43.9
4604	638925.75	4873544.81	323.21	0	DEN	63	37.2	-10.0	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-35.7
4604	638925.75	4873544.81	323.21	0	DEN	125	43.3	-10.0	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-29.8
4604	638925.75	4873544.81	323.21	0	DEN	250	48.8	-10.0	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-24.5
4604	638925.75	4873544.81	323.21	0	DEN	500	54.2	-10.0	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-19.5
4604	638925.75	4873544.81	323.21	0	DEN	1000	60.4	-10.0	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-14.1
4604	638925.75	4873544.81	323.21	0	DEN	2000	59.6	-10.0	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-17.0
4604	638925.75	4873544.81	323.21	0	DEN	4000	55.4	-10.0	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-27.6
4604	638925.75	4873544.81	323.21	0	DEN	8000	52.3	-10.0	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-51.4
4609	638988.02	4873566.66	321.78	1	DEN	250	48.8	-24.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-39.7
4609	638988.02	4873566.66	321.78	1	DEN	500	54.2	-24.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-35.2
4609	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-24.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-30.5
4609	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-24.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-34.2
4609	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-24.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-45.1
4609	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-24.8	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-66.9
4612	638975.81	4873562.38	322.06	1	DEN	250	48.8	-24.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-38.7
4612	638975.81	4873562.38	322.06	1	DEN	500	54.2	-24.0	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-34.0
4612	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-24.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-29.0
4612	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-24.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-32.3
4612	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-24.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-42.9
4612	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-24.0	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-65.1
4617	638965.13	4873558.63	322.31	1	DEN	250	48.8	-21.8	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-36.6
4617	638965.13	4873558.63	322.31	1	DEN	500	54.2	-21.8	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-31.8
4617	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-21.8	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-26.6

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4617	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-21.8	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-29.7
4617	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-21.8	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-40.3
4617	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-21.8	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-62.7
4623	638953.87	4873554.68	322.57	1	DEN	250	48.8	-20.9	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-35.9
4623	638953.87	4873554.68	322.57	1	DEN	500	54.2	-20.9	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-31.0
4623	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-20.9	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-25.8
4623	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-20.9	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-28.8
4623	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-20.9	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-39.3
4623	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-20.9	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-62.1
4628	638943.75	4873551.13	322.80	1	DEN	250	48.8	-20.9	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-36.1
4628	638943.75	4873551.13	322.80	1	DEN	500	54.2	-20.9	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-31.2
4628	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-20.9	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-25.8
4628	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-20.9	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-28.8
4628	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-20.9	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-39.4
4628	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-20.9	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-62.5
4634	638925.26	4873544.64	323.23	1	DEN	250	48.8	-15.1	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-30.7
4634	638925.26	4873544.64	323.23	1	DEN	500	54.2	-15.1	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-25.7
4634	638925.26	4873544.64	323.23	1	DEN	1000	60.4	-15.1	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-20.3
4634	638925.26	4873544.64	323.23	1	DEN	2000	59.6	-15.1	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-23.1
4634	638925.26	4873544.64	323.23	1	DEN	4000	55.4	-15.1	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-33.7
4634	638925.26	4873544.64	323.23	1	DEN	8000	52.3	-15.1	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-57.7
4640	638899.74	4873535.68	323.81	1	DEN	250	48.8	-14.1	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-30.3
4640	638899.74	4873535.68	323.81	1	DEN	500	54.2	-14.1	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-25.3
4640	638899.74	4873535.68	323.81	1	DEN	1000	60.4	-14.1	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-19.8
4640	638899.74	4873535.68	323.81	1	DEN	2000	59.6	-14.1	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-22.5
4640	638899.74	4873535.68	323.81	1	DEN	4000	55.4	-14.1	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-33.3
4640	638899.74	4873535.68	323.81	1	DEN	8000	52.3	-14.1	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-58.5
4692	638588.13	4873834.17	332.58	0	DEN	32	29.0	-4.8	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-44.3
4692	638588.13	4873834.17	332.58	0	DEN	63	37.2	-4.8	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-36.2
4692	638588.13	4873834.17	332.58	0	DEN	125	43.3	-4.8	0.0	0.0	0.0	63.7	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-30.2
4692	638588.13	4873834.17	332.58	0	DEN	250	48.8	-4.8	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-25.0
4692	638588.13	4873834.17	332.58	0	DEN	500	54.2	-4.8	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-20.0
4692	638588.13	4873834.17	332.58	0	DEN	1000	60.4	-4.8	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-14.6
4692	638588.13	4873834.17	332.58	0	DEN	2000	59.6	-4.8	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.1	0.0	0.0	-18.0
4692	638588.13	4873834.17	332.58	0	DEN	4000	55.4	-4.8	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.2	0.0	0.0	-32.4
4692	638588.13	4873834.17	332.58	0	DEN	8000	52.3	-4.8	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.4	0.0	0.0	-72.2
4723	638925.78	4873544.82	323.21	0	DEN	32	29.0	-13.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-47.4
4723	638925.78	4873544.82	323.21	0	DEN	63	37.2	-13.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-39.2
4723	638925.78	4873544.82	323.21	0	DEN	125	43.3	-13.5	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-33.3
4723	638925.78	4873544.82	323.21	0	DEN	250	48.8	-13.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-28.0
4723	638925.78	4873544.82	323.21	0	DEN	500	54.2	-13.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-23.0
4723	638925.78	4873544.82	323.21	0	DEN	1000	60.4	-13.5	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-17.6
4723	638925.78	4873544.82	323.21	0	DEN	2000	59.6	-13.5	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-20.5
4723	638925.78	4873544.82	323.21	0	DEN	4000	55.4	-13.5	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-31.1
4723	638925.78	4873544.82	323.21	0	DEN	8000	52.3	-13.5	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-54.9
4727	638988.02	4873566.66	321.78	1	DEN	250	48.8	-28.3	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-43.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4727	638988.02	4873566.66	321.78	1	DEN	500	54.2	-28.3	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-38.7
4727	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-28.3	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-34.0
4727	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-28.3	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-37.7
4727	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-28.3	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-48.6
4727	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-28.3	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-70.5
4731	638975.81	4873562.38	322.06	1	DEN	250	48.8	-27.5	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-42.2
4731	638975.81	4873562.38	322.06	1	DEN	500	54.2	-27.5	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-37.5
4731	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-27.5	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-32.5
4731	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-27.5	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-35.8
4731	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-27.5	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-46.5
4731	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-27.5	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-68.6
4735	638965.13	4873558.63	322.31	1	DEN	250	48.8	-25.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-40.1
4735	638965.13	4873558.63	322.31	1	DEN	500	54.2	-25.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-35.3
4735	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-25.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-30.1
4735	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-25.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-33.2
4735	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-25.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-43.8
4735	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-25.3	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-66.2
4739	638953.87	4873554.68	322.57	1	DEN	250	48.8	-24.4	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-39.4
4739	638953.87	4873554.68	322.57	1	DEN	500	54.2	-24.4	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-34.6
4739	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-24.4	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-29.3
4739	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-24.4	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-32.3
4739	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-24.4	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-42.8
4739	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-24.4	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-65.6
4743	638943.75	4873551.13	322.80	1	DEN	250	48.8	-24.4	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-39.6
4743	638943.75	4873551.13	322.80	1	DEN	500	54.2	-24.4	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-34.7
4743	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-24.4	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-29.4
4743	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-24.4	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-32.3
4743	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-24.4	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-42.9
4743	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-24.4	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-66.0
4746	638925.26	4873544.64	323.23	1	DEN	250	48.8	-18.6	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-34.2
4746	638925.26	4873544.64	323.23	1	DEN	500	54.2	-18.6	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-29.2
4746	638925.26	4873544.64	323.23	1	DEN	1000	60.4	-18.6	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-23.8
4746	638925.26	4873544.64	323.23	1	DEN	2000	59.6	-18.6	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-26.6
4746	638925.26	4873544.64	323.23	1	DEN	4000	55.4	-18.6	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-37.2
4746	638925.26	4873544.64	323.23	1	DEN	8000	52.3	-18.6	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-61.2
4749	638899.75	4873535.69	323.81	1	DEN	250	48.8	-17.6	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-33.8
4749	638899.75	4873535.69	323.81	1	DEN	500	54.2	-17.6	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-28.8
4749	638899.75	4873535.69	323.81	1	DEN	1000	60.4	-17.6	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-23.3
4749	638899.75	4873535.69	323.81	1	DEN	2000	59.6	-17.6	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-26.0
4749	638899.75	4873535.69	323.81	1	DEN	4000	55.4	-17.6	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-36.8
4749	638899.75	4873535.69	323.81	1	DEN	8000	52.3	-17.6	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-62.0
4775	638812.30	4873505.86	323.76	0	DEN	32	29.0	-9.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-46.8
4775	638812.30	4873505.86	323.76	0	DEN	63	37.2	-9.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-38.6
4775	638812.30	4873505.86	323.76	0	DEN	125	43.3	-9.9	0.0	0.0	0.0	61.1	0.1	1.1	0.0	0.0	3.8	0.0	0.0	-32.6
4775	638812.30	4873505.86	323.76	0	DEN	250	48.8	-9.9	0.0	0.0	0.0	61.1	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-27.4
4775	638812.30	4873505.86	323.76	0	DEN	500	54.2	-9.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-22.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4775	638812.30	4873505.86	323.76	0	DEN	1000	60.4	-9.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	6.9	0.0	0.0	-16.8
4775	638812.30	4873505.86	323.76	0	DEN	2000	59.6	-9.9	0.0	0.0	0.0	61.1	3.1	-1.9	0.0	0.0	7.2	0.0	0.0	-19.8
4775	638812.30	4873505.86	323.76	0	DEN	4000	55.4	-9.9	0.0	0.0	0.0	61.1	10.5	-1.9	0.0	0.0	7.7	0.0	0.0	-31.8
4775	638812.30	4873505.86	323.76	0	DEN	8000	52.3	-9.9	0.0	0.0	0.0	61.1	37.3	-1.9	0.0	0.0	8.5	0.0	0.0	-62.6
4779	638837.34	4873514.36	324.11	1	DEN	500	54.2	-28.7	0.0	0.0	0.0	60.5	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-41.5
4779	638837.34	4873514.36	324.11	1	DEN	1000	60.4	-28.7	0.0	0.0	0.0	60.5	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-36.0
4779	638837.34	4873514.36	324.11	1	DEN	2000	59.6	-28.7	0.0	0.0	0.0	60.5	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-38.8
4779	638837.34	4873514.36	324.11	1	DEN	4000	55.4	-28.7	0.0	0.0	0.0	60.5	9.8	-1.8	0.0	0.0	7.7	0.0	1.0	-50.5
4779	638837.34	4873514.36	324.11	1	DEN	8000	52.3	-28.7	0.0	0.0	0.0	60.5	35.0	-1.8	0.0	0.0	8.5	0.0	1.0	-79.6
4784	638819.55	4873508.32	323.87	1	DEN	500	54.2	-12.7	0.0	0.0	0.0	61.0	0.6	-1.5	0.0	0.0	6.4	0.0	1.0	-26.0
4784	638819.55	4873508.32	323.87	1	DEN	1000	60.4	-12.7	0.0	0.0	0.0	61.0	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-20.5
4784	638819.55	4873508.32	323.87	1	DEN	2000	59.6	-12.7	0.0	0.0	0.0	61.0	3.0	-1.9	0.0	0.0	7.2	0.0	1.0	-23.5
4784	638819.55	4873508.32	323.87	1	DEN	4000	55.4	-12.7	0.0	0.0	0.0	61.0	10.3	-1.9	0.0	0.0	7.6	0.0	1.0	-35.4
4784	638819.55	4873508.32	323.87	1	DEN	8000	52.3	-12.7	0.0	0.0	0.0	61.0	36.8	-1.9	0.0	0.0	8.4	0.0	1.0	-65.8
4788	638805.93	4873503.70	323.67	1	DEN	500	54.2	-15.4	0.0	0.0	0.0	61.3	0.6	-1.5	0.0	0.0	6.4	0.0	1.0	-29.1
4788	638805.93	4873503.70	323.67	1	DEN	1000	60.4	-15.4	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-23.5
4788	638805.93	4873503.70	323.67	1	DEN	2000	59.6	-15.4	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	7.2	0.0	1.0	-26.5
4788	638805.93	4873503.70	323.67	1	DEN	4000	55.4	-15.4	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	7.6	0.0	1.0	-38.7
4788	638805.93	4873503.70	323.67	1	DEN	8000	52.3	-15.4	0.0	0.0	0.0	61.3	38.2	-1.9	0.0	0.0	8.4	0.0	1.0	-70.1
4792	638800.47	4873501.85	323.60	1	DEN	500	54.2	-18.4	0.0	0.0	0.0	61.4	0.6	-1.5	0.0	0.0	6.4	0.0	1.0	-32.2
4792	638800.47	4873501.85	323.60	1	DEN	1000	60.4	-18.4	0.0	0.0	0.0	61.4	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-26.7
4792	638800.47	4873501.85	323.60	1	DEN	2000	59.6	-18.4	0.0	0.0	0.0	61.4	3.2	-1.9	0.0	0.0	7.2	0.0	1.0	-29.7
4792	638800.47	4873501.85	323.60	1	DEN	4000	55.4	-18.4	0.0	0.0	0.0	61.4	10.9	-1.9	0.0	0.0	7.6	0.0	1.0	-42.0
4792	638800.47	4873501.85	323.60	1	DEN	8000	52.3	-18.4	0.0	0.0	0.0	61.4	38.8	-1.9	0.0	0.0	8.3	0.0	1.0	-73.8
4804	638925.90	4873544.86	323.21	0	DEN	32	29.0	-15.1	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-49.0
4804	638925.90	4873544.86	323.21	0	DEN	63	37.2	-15.1	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-40.8
4804	638925.90	4873544.86	323.21	0	DEN	125	43.3	-15.1	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-34.8
4804	638925.90	4873544.86	323.21	0	DEN	250	48.8	-15.1	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-29.6
4804	638925.90	4873544.86	323.21	0	DEN	500	54.2	-15.1	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-24.6
4804	638925.90	4873544.86	323.21	0	DEN	1000	60.4	-15.1	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-19.2
4804	638925.90	4873544.86	323.21	0	DEN	2000	59.6	-15.1	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-22.1
4804	638925.90	4873544.86	323.21	0	DEN	4000	55.4	-15.1	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-32.7
4804	638925.90	4873544.86	323.21	0	DEN	8000	52.3	-15.1	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-56.4
4809	638988.02	4873566.66	321.78	1	DEN	250	48.8	-29.9	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-44.7
4809	638988.02	4873566.66	321.78	1	DEN	500	54.2	-29.9	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-40.3
4809	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-29.9	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-35.6
4809	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-29.9	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-39.3
4809	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-29.9	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-50.1
4809	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-29.9	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-72.0
4816	638975.81	4873562.38	322.06	1	DEN	250	48.8	-29.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-43.8
4816	638975.81	4873562.38	322.06	1	DEN	500	54.2	-29.0	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-39.1
4816	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-29.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-34.0
4816	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-29.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-37.4
4816	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-29.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-48.0
4816	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-29.0	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-70.1
4822	638965.13	4873558.63	322.31	1	DEN	250	48.8	-26.9	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-41.7

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4822	638965.13	4873558.63	322.31	1	DEN	500	54.2	-26.9	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-36.8
4822	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-26.9	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-31.7
4822	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-26.9	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-34.8
4822	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-26.9	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-45.3
4822	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-26.9	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-67.7
4828	638953.87	4873554.68	322.57	1	DEN	250	48.8	-26.0	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-41.0
4828	638953.87	4873554.68	322.57	1	DEN	500	54.2	-26.0	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-36.1
4828	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-26.0	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-30.9
4828	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-26.0	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-33.9
4828	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-26.0	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-44.4
4828	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-26.0	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-67.2
4833	638943.75	4873551.13	322.80	1	DEN	250	48.8	-25.9	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-41.2
4833	638943.75	4873551.13	322.80	1	DEN	500	54.2	-25.9	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-36.2
4833	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-25.9	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-30.9
4833	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-25.9	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-33.9
4833	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-25.9	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-44.4
4833	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-25.9	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-67.6
4838	638925.26	4873544.64	323.23	1	DEN	250	48.8	-20.2	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-35.8
4838	638925.26	4873544.64	323.23	1	DEN	500	54.2	-20.2	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-30.8
4838	638925.26	4873544.64	323.23	1	DEN	1000	60.4	-20.2	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-25.4
4838	638925.26	4873544.64	323.23	1	DEN	2000	59.6	-20.2	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-28.2
4838	638925.26	4873544.64	323.23	1	DEN	4000	55.4	-20.2	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-38.8
4838	638925.26	4873544.64	323.23	1	DEN	8000	52.3	-20.2	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-62.7
4844	638899.85	4873535.72	323.81	1	DEN	250	48.8	-19.2	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-35.4
4844	638899.85	4873535.72	323.81	1	DEN	500	54.2	-19.2	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-30.4
4844	638899.85	4873535.72	323.81	1	DEN	1000	60.4	-19.2	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-24.9
4844	638899.85	4873535.72	323.81	1	DEN	2000	59.6	-19.2	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-27.6
4844	638899.85	4873535.72	323.81	1	DEN	4000	55.4	-19.2	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-38.4
4844	638899.85	4873535.72	323.81	1	DEN	8000	52.3	-19.2	0.0	0.0	0.0	58.9	28.9	-1.6	0.0	0.0	9.5	0.0	1.0	-63.6
4853	638925.72	4873544.80	323.21	0	DEN	32	29.0	-15.3	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-49.2
4853	638925.72	4873544.80	323.21	0	DEN	63	37.2	-15.3	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-41.1
4853	638925.72	4873544.80	323.21	0	DEN	125	43.3	-15.3	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-35.1
4853	638925.72	4873544.80	323.21	0	DEN	250	48.8	-15.3	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-29.9
4853	638925.72	4873544.80	323.21	0	DEN	500	54.2	-15.3	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-24.9
4853	638925.72	4873544.80	323.21	0	DEN	1000	60.4	-15.3	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-19.5
4853	638925.72	4873544.80	323.21	0	DEN	2000	59.6	-15.3	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-22.3
4853	638925.72	4873544.80	323.21	0	DEN	4000	55.4	-15.3	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-32.9
4853	638925.72	4873544.80	323.21	0	DEN	8000	52.3	-15.3	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-56.7
4858	638988.02	4873566.66	321.78	1	DEN	250	48.8	-30.2	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-45.0
4858	638988.02	4873566.66	321.78	1	DEN	500	54.2	-30.2	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-40.5
4858	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-30.2	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-35.9
4858	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-30.2	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-39.6
4858	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-30.2	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-50.4
4858	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-30.2	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-72.3
4864	638975.81	4873562.38	322.06	1	DEN	250	48.8	-29.3	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-44.0
4864	638975.81	4873562.38	322.06	1	DEN	500	54.2	-29.3	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-39.3

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4864	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-29.3	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-34.3
4864	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-29.3	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-37.6
4864	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-29.3	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-48.3
4864	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-29.3	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-70.4
4870	638965.13	4873558.63	322.31	1	DEN	250	48.8	-27.1	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-42.0
4870	638965.13	4873558.63	322.31	1	DEN	500	54.2	-27.1	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-37.1
4870	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-27.1	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-31.9
4870	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-27.1	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-35.1
4870	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-27.1	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-45.6
4870	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-27.1	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-68.0
4875	638953.87	4873554.68	322.57	1	DEN	250	48.8	-26.3	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-41.3
4875	638953.87	4873554.68	322.57	1	DEN	500	54.2	-26.3	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-36.4
4875	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-26.3	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-31.1
4875	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-26.3	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-34.2
4875	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-26.3	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-44.7
4875	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-26.3	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-67.4
4880	638943.75	4873551.13	322.80	1	DEN	250	48.8	-26.2	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-41.4
4880	638943.75	4873551.13	322.80	1	DEN	500	54.2	-26.2	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-36.5
4880	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-26.2	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-31.2
4880	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-26.2	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-34.1
4880	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-26.2	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-44.7
4880	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-26.2	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-67.9
4885	638925.26	4873544.64	323.23	1	DEN	250	48.8	-20.4	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-36.1
4885	638925.26	4873544.64	323.23	1	DEN	500	54.2	-20.4	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-31.1
4885	638925.26	4873544.64	323.23	1	DEN	1000	60.4	-20.4	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-25.6
4885	638925.26	4873544.64	323.23	1	DEN	2000	59.6	-20.4	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-28.5
4885	638925.26	4873544.64	323.23	1	DEN	4000	55.4	-20.4	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-39.1
4885	638925.26	4873544.64	323.23	1	DEN	8000	52.3	-20.4	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-63.0
4888	638899.70	4873535.67	323.81	1	DEN	250	48.8	-19.4	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-35.6
4888	638899.70	4873535.67	323.81	1	DEN	500	54.2	-19.4	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-30.6
4888	638899.70	4873535.67	323.81	1	DEN	1000	60.4	-19.4	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-25.1
4888	638899.70	4873535.67	323.81	1	DEN	2000	59.6	-19.4	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-27.9
4888	638899.70	4873535.67	323.81	1	DEN	4000	55.4	-19.4	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-38.6
4888	638899.70	4873535.67	323.81	1	DEN	8000	52.3	-19.4	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-63.8
4953	638925.71	4873544.80	323.21	0	DEN	32	29.0	-16.9	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-50.8
4953	638925.71	4873544.80	323.21	0	DEN	63	37.2	-16.9	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-42.7
4953	638925.71	4873544.80	323.21	0	DEN	125	43.3	-16.9	0.0	0.0	0.0	58.1	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-36.7
4953	638925.71	4873544.80	323.21	0	DEN	250	48.8	-16.9	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-31.5
4953	638925.71	4873544.80	323.21	0	DEN	500	54.2	-16.9	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-26.5
4953	638925.71	4873544.80	323.21	0	DEN	1000	60.4	-16.9	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-21.1
4953	638925.71	4873544.80	323.21	0	DEN	2000	59.6	-16.9	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-23.9
4953	638925.71	4873544.80	323.21	0	DEN	4000	55.4	-16.9	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-34.5
4953	638925.71	4873544.80	323.21	0	DEN	8000	52.3	-16.9	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-58.3
4959	638988.02	4873566.66	321.78	1	DEN	250	48.8	-31.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-46.6
4959	638988.02	4873566.66	321.78	1	DEN	500	54.2	-31.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-42.1
4959	638988.02	4873566.66	321.78	1	DEN	1000	60.4	-31.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-37.5

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4959	638988.02	4873566.66	321.78	1	DEN	2000	59.6	-31.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-41.2
4959	638988.02	4873566.66	321.78	1	DEN	4000	55.4	-31.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-52.0
4959	638988.02	4873566.66	321.78	1	DEN	8000	52.3	-31.8	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-73.9
4966	638975.81	4873562.38	322.06	1	DEN	250	48.8	-30.9	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-45.7
4966	638975.81	4873562.38	322.06	1	DEN	500	54.2	-30.9	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-40.9
4966	638975.81	4873562.38	322.06	1	DEN	1000	60.4	-30.9	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-35.9
4966	638975.81	4873562.38	322.06	1	DEN	2000	59.6	-30.9	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-39.3
4966	638975.81	4873562.38	322.06	1	DEN	4000	55.4	-30.9	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-49.9
4966	638975.81	4873562.38	322.06	1	DEN	8000	52.3	-30.9	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-72.0
4972	638965.13	4873558.63	322.31	1	DEN	250	48.8	-28.7	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-43.6
4972	638965.13	4873558.63	322.31	1	DEN	500	54.2	-28.7	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-38.7
4972	638965.13	4873558.63	322.31	1	DEN	1000	60.4	-28.7	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-33.6
4972	638965.13	4873558.63	322.31	1	DEN	2000	59.6	-28.7	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-36.7
4972	638965.13	4873558.63	322.31	1	DEN	4000	55.4	-28.7	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-47.2
4972	638965.13	4873558.63	322.31	1	DEN	8000	52.3	-28.7	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-69.6
4977	638953.87	4873554.68	322.57	1	DEN	250	48.8	-27.9	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-42.9
4977	638953.87	4873554.68	322.57	1	DEN	500	54.2	-27.9	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-38.0
4977	638953.87	4873554.68	322.57	1	DEN	1000	60.4	-27.9	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-32.7
4977	638953.87	4873554.68	322.57	1	DEN	2000	59.6	-27.9	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-35.8
4977	638953.87	4873554.68	322.57	1	DEN	4000	55.4	-27.9	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-46.3
4977	638953.87	4873554.68	322.57	1	DEN	8000	52.3	-27.9	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-69.1
4981	638943.75	4873551.13	322.80	1	DEN	250	48.8	-27.8	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-43.0
4981	638943.75	4873551.13	322.80	1	DEN	500	54.2	-27.8	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-38.1
4981	638943.75	4873551.13	322.80	1	DEN	1000	60.4	-27.8	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-32.8
4981	638943.75	4873551.13	322.80	1	DEN	2000	59.6	-27.8	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-35.8
4981	638943.75	4873551.13	322.80	1	DEN	4000	55.4	-27.8	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-46.3
4981	638943.75	4873551.13	322.80	1	DEN	8000	52.3	-27.8	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-69.5
4986	638925.26	4873544.64	323.22	1	DEN	250	48.8	-22.0	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-37.7
4986	638925.26	4873544.64	323.22	1	DEN	500	54.2	-22.0	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-32.7
4986	638925.26	4873544.64	323.22	1	DEN	1000	60.4	-22.0	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-27.2
4986	638925.26	4873544.64	323.22	1	DEN	2000	59.6	-22.0	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-30.1
4986	638925.26	4873544.64	323.22	1	DEN	4000	55.4	-22.0	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-40.7
4986	638925.26	4873544.64	323.22	1	DEN	8000	52.3	-22.0	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-64.6
4993	638899.69	4873535.67	323.81	1	DEN	250	48.8	-21.0	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-37.3
4993	638899.69	4873535.67	323.81	1	DEN	500	54.2	-21.0	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-32.2
4993	638899.69	4873535.67	323.81	1	DEN	1000	60.4	-21.0	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-26.7
4993	638899.69	4873535.67	323.81	1	DEN	2000	59.6	-21.0	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-29.5
4993	638899.69	4873535.67	323.81	1	DEN	4000	55.4	-21.0	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-40.2
4993	638899.69	4873535.67	323.81	1	DEN	8000	52.3	-21.0	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-65.4
5014	638655.66	4873649.68	328.15	0	DEN	32	29.0	-12.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-50.2
5014	638655.66	4873649.68	328.15	0	DEN	63	37.2	-12.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-42.1
5014	638655.66	4873649.68	328.15	0	DEN	125	43.3	-12.0	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-36.1
5014	638655.66	4873649.68	328.15	0	DEN	250	48.8	-12.0	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-30.9
5014	638655.66	4873649.68	328.15	0	DEN	500	54.2	-12.0	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-26.0
5014	638655.66	4873649.68	328.15	0	DEN	1000	60.4	-12.0	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.4	0.0	0.0	-20.7
5014	638655.66	4873649.68	328.15	0	DEN	2000	59.6	-12.0	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.8	0.0	0.0	-24.2

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5014	638655.66	4873649.68	328.15	0	DEN	4000	55.4	-12.0	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	8.6	0.0	0.0	-37.8
5014	638655.66	4873649.68	328.15	0	DEN	8000	52.3	-12.0	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	9.9	0.0	0.0	-73.5
5020	638661.39	4873648.50	328.05	1	DEN	8000	52.3	-17.1	0.0	0.0	0.0	65.8	64.0	-2.1	0.0	0.0	6.9	0.0	1.0	-100.4
5042	638681.06	4873863.72	330.61	0	DEN	32	29.0	-12.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-50.6
5042	638681.06	4873863.72	330.61	0	DEN	63	37.2	-12.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-42.4
5042	638681.06	4873863.72	330.61	0	DEN	125	43.3	-12.9	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-36.4
5042	638681.06	4873863.72	330.61	0	DEN	250	48.8	-12.9	0.0	0.0	0.0	61.9	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-31.2
5042	638681.06	4873863.72	330.61	0	DEN	500	54.2	-12.9	0.0	0.0	0.0	61.9	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-26.1
5042	638681.06	4873863.72	330.61	0	DEN	1000	60.4	-12.9	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-20.6
5042	638681.06	4873863.72	330.61	0	DEN	2000	59.6	-12.9	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	-23.7
5042	638681.06	4873863.72	330.61	0	DEN	4000	55.4	-12.9	0.0	0.0	0.0	61.9	11.5	-2.0	0.0	0.0	7.4	0.0	0.0	-36.3
5042	638681.06	4873863.72	330.61	0	DEN	8000	52.3	-12.9	0.0	0.0	0.0	61.9	41.0	-2.0	0.0	0.0	7.9	0.0	0.0	-69.4
5048	638530.33	4873755.39	331.89	0	DEN	32	29.0	-10.0	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-50.5
5048	638530.33	4873755.39	331.89	0	DEN	63	37.2	-10.0	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-42.3
5048	638530.33	4873755.39	331.89	0	DEN	125	43.3	-10.0	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-36.3
5048	638530.33	4873755.39	331.89	0	DEN	250	48.8	-10.0	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-31.2
5048	638530.33	4873755.39	331.89	0	DEN	500	54.2	-10.0	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-26.2
5048	638530.33	4873755.39	331.89	0	DEN	1000	60.4	-10.0	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-20.9
5048	638530.33	4873755.39	331.89	0	DEN	2000	59.6	-10.0	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	-24.7
5048	638530.33	4873755.39	331.89	0	DEN	4000	55.4	-10.0	0.0	0.0	0.0	64.7	15.8	-2.3	0.0	0.0	7.4	0.0	0.0	-40.2
5048	638530.33	4873755.39	331.89	0	DEN	8000	52.3	-10.0	0.0	0.0	0.0	64.7	56.5	-2.3	0.0	0.0	7.7	0.0	0.0	-84.3
5053	638529.11	4873768.52	332.15	1	DEN	4000	55.4	-18.9	0.0	0.0	0.0	67.6	22.1	-2.9	0.0	0.0	7.7	0.0	2.0	-59.9
5053	638529.11	4873768.52	332.15	1	DEN	8000	52.3	-18.9	0.0	0.0	0.0	67.6	78.7	-2.9	0.0	0.0	7.7	0.0	2.0	-119.6
5066	638754.27	4873486.16	322.73	0	DEN	32	29.0	-13.4	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-51.6
5066	638754.27	4873486.16	322.73	0	DEN	63	37.2	-13.4	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-43.5
5066	638754.27	4873486.16	322.73	0	DEN	125	43.3	-13.4	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-37.5
5066	638754.27	4873486.16	322.73	0	DEN	250	48.8	-13.4	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-32.3
5066	638754.27	4873486.16	322.73	0	DEN	500	54.2	-13.4	0.0	0.0	0.0	62.4	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-27.3
5066	638754.27	4873486.16	322.73	0	DEN	1000	60.4	-13.4	0.0	0.0	0.0	62.4	1.4	-2.0	0.0	0.0	7.0	0.0	0.0	-21.8
5066	638754.27	4873486.16	322.73	0	DEN	2000	59.6	-13.4	0.0	0.0	0.0	62.4	3.6	-2.0	0.0	0.0	7.3	0.0	0.0	-25.1
5066	638754.27	4873486.16	322.73	0	DEN	4000	55.4	-13.4	0.0	0.0	0.0	62.4	12.2	-2.0	0.0	0.0	7.7	0.0	0.0	-38.3
5066	638754.27	4873486.16	322.73	0	DEN	8000	52.3	-13.4	0.0	0.0	0.0	62.4	43.5	-2.0	0.0	0.0	8.4	0.0	0.0	-73.4
5167	638658.07	4873649.19	328.11	0	DEN	32	29.0	-17.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-55.2
5167	638658.07	4873649.19	328.11	0	DEN	63	37.2	-17.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-47.1
5167	638658.07	4873649.19	328.11	0	DEN	125	43.3	-17.0	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-41.1
5167	638658.07	4873649.19	328.11	0	DEN	250	48.8	-17.0	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-35.9
5167	638658.07	4873649.19	328.11	0	DEN	500	54.2	-17.0	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-31.0
5167	638658.07	4873649.19	328.11	0	DEN	1000	60.4	-17.0	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.4	0.0	0.0	-25.7
5167	638658.07	4873649.19	328.11	0	DEN	2000	59.6	-17.0	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.8	0.0	0.0	-29.2
5167	638658.07	4873649.19	328.11	0	DEN	4000	55.4	-17.0	0.0	0.0	0.0	62.4	12.1	-2.1	0.0	0.0	8.7	0.0	0.0	-42.8
5167	638658.07	4873649.19	328.11	0	DEN	8000	52.3	-17.0	0.0	0.0	0.0	62.4	43.3	-2.1	0.0	0.0	10.0	0.0	0.0	-78.3
5172	638661.39	4873648.50	328.06	1	DEN	8000	52.3	-21.5	0.0	0.0	0.0	65.8	64.0	-2.1	0.0	0.0	6.9	0.0	1.0	-104.8
5254	638551.04	4873822.38	330.89	0	DEN	32	29.0	-16.2	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-56.4
5254	638551.04	4873822.38	330.89	0	DEN	63	37.2	-16.2	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-48.2
5254	638551.04	4873822.38	330.89	0	DEN	125	43.3	-16.2	0.0	0.0	0.0	64.4	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-42.3
5254	638551.04	4873822.38	330.89	0	DEN	250	48.8	-16.2	0.0	0.0	0.0	64.4	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-37.1

Area Source, ISO 9613, Name: "Bull Dozer - CAT D6", ID: "Ph3_BullDozer_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5254	638551.04	4873822.38	330.89	0	DEN	500	54.2	-16.2	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-32.1
5254	638551.04	4873822.38	330.89	0	DEN	1000	60.4	-16.2	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	-26.8
5254	638551.04	4873822.38	330.89	0	DEN	2000	59.6	-16.2	0.0	0.0	0.0	64.4	4.5	-2.2	0.0	0.0	7.2	0.0	0.0	-30.5
5254	638551.04	4873822.38	330.89	0	DEN	4000	55.4	-16.2	0.0	0.0	0.0	64.4	15.3	-2.2	0.0	0.0	7.3	0.0	0.0	-45.6
5254	638551.04	4873822.38	330.89	0	DEN	8000	52.3	-16.2	0.0	0.0	0.0	64.4	54.7	-2.2	0.0	0.0	7.7	0.0	0.0	-88.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
838	638957.40	4873643.76	323.39	0	DEN	32	16.0	28.6	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-13.3
838	638957.40	4873643.76	323.39	0	DEN	63	24.2	28.6	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-5.4
838	638957.40	4873643.76	323.39	0	DEN	125	30.3	28.6	0.0	0.0	0.0	52.8	0.1	1.0	0.0	0.0	4.9	0.0	0.0	0.1
838	638957.40	4873643.76	323.39	0	DEN	250	35.8	28.6	0.0	0.0	0.0	52.8	0.1	1.7	0.0	0.0	5.1	0.0	0.0	4.7
838	638957.40	4873643.76	323.39	0	DEN	500	41.2	28.6	0.0	0.0	0.0	52.8	0.2	-1.0	0.0	0.0	9.2	0.0	0.0	8.6
838	638957.40	4873643.76	323.39	0	DEN	1000	47.4	28.6	0.0	0.0	0.0	52.8	0.5	-1.3	0.0	0.0	11.4	0.0	0.0	12.7
838	638957.40	4873643.76	323.39	0	DEN	2000	46.6	28.6	0.0	0.0	0.0	52.8	1.2	-1.3	0.0	0.0	13.7	0.0	0.0	8.8
838	638957.40	4873643.76	323.39	0	DEN	4000	42.4	28.6	0.0	0.0	0.0	52.8	4.0	-1.3	0.0	0.0	16.3	0.0	0.0	-0.8
838	638957.40	4873643.76	323.39	0	DEN	8000	39.3	28.6	0.0	0.0	0.0	52.8	14.4	-1.3	0.0	0.0	19.1	0.0	0.0	-17.1
841	638929.57	4873638.28	323.71	0	DEN	32	16.0	28.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-14.4
841	638929.57	4873638.28	323.71	0	DEN	63	24.2	28.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-6.4
841	638929.57	4873638.28	323.71	0	DEN	125	30.3	28.6	0.0	0.0	0.0	54.1	0.1	1.0	0.0	0.0	4.4	0.0	0.0	-0.7
841	638929.57	4873638.28	323.71	0	DEN	250	35.8	28.6	0.0	0.0	0.0	54.1	0.1	1.7	0.0	0.0	4.3	0.0	0.0	4.2
841	638929.57	4873638.28	323.71	0	DEN	500	41.2	28.6	0.0	0.0	0.0	54.1	0.3	-1.0	0.0	0.0	7.9	0.0	0.0	8.5
841	638929.57	4873638.28	323.71	0	DEN	1000	47.4	28.6	0.0	0.0	0.0	54.1	0.5	-1.4	0.0	0.0	9.7	0.0	0.0	13.0
841	638929.57	4873638.28	323.71	0	DEN	2000	46.6	28.6	0.0	0.0	0.0	54.1	1.4	-1.4	0.0	0.0	11.6	0.0	0.0	9.5
841	638929.57	4873638.28	323.71	0	DEN	4000	42.4	28.6	0.0	0.0	0.0	54.1	4.7	-1.4	0.0	0.0	14.0	0.0	0.0	-0.4
841	638929.57	4873638.28	323.71	0	DEN	8000	39.3	28.6	0.0	0.0	0.0	54.1	16.7	-1.4	0.0	0.0	16.6	0.0	0.0	-18.1
850	638960.80	4873661.79	323.65	0	DEN	32	16.0	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-15.1
850	638960.80	4873661.79	323.65	0	DEN	63	24.2	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-7.3
850	638960.80	4873661.79	323.65	0	DEN	125	30.3	25.6	0.0	0.0	0.0	51.5	0.0	0.9	0.0	0.0	5.5	0.0	0.0	-2.0
850	638960.80	4873661.79	323.65	0	DEN	250	35.8	25.6	0.0	0.0	0.0	51.5	0.1	1.5	0.0	0.0	5.9	0.0	0.0	2.3
850	638960.80	4873661.79	323.65	0	DEN	500	41.2	25.6	0.0	0.0	0.0	51.5	0.2	-1.0	0.0	0.0	10.1	0.0	0.0	6.0
850	638960.80	4873661.79	323.65	0	DEN	1000	47.4	25.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.6	0.0	0.0	9.9
850	638960.80	4873661.79	323.65	0	DEN	2000	46.6	25.6	0.0	0.0	0.0	51.5	1.0	-1.4	0.0	0.0	15.1	0.0	0.0	5.9
850	638960.80	4873661.79	323.65	0	DEN	4000	42.4	25.6	0.0	0.0	0.0	51.5	3.5	-1.4	0.0	0.0	17.8	0.0	0.0	-3.4
850	638960.80	4873661.79	323.65	0	DEN	8000	39.3	25.6	0.0	0.0	0.0	51.5	12.4	-1.4	0.0	0.0	20.7	0.0	0.0	-18.3
852	638977.09	4873653.43	323.26	0	DEN	32	16.0	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-15.4
852	638977.09	4873653.43	323.26	0	DEN	63	24.2	25.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-7.8
852	638977.09	4873653.43	323.26	0	DEN	125	30.3	25.6	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.9	0.0	0.0	-2.7
852	638977.09	4873653.43	323.26	0	DEN	250	35.8	25.6	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	6.8	0.0	0.0	1.2
852	638977.09	4873653.43	323.26	0	DEN	500	41.2	25.6	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	11.4	0.0	0.0	4.6
852	638977.09	4873653.43	323.26	0	DEN	1000	47.4	25.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	14.1	0.0	0.0	8.2
852	638977.09	4873653.43	323.26	0	DEN	2000	46.6	25.6	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	16.8	0.0	0.0	4.1
852	638977.09	4873653.43	323.26	0	DEN	4000	42.4	25.6	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	19.6	0.0	0.0	-5.4
852	638977.09	4873653.43	323.26	0	DEN	8000	39.3	25.6	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	21.3	0.0	0.0	-19.1
859	638958.42	4873672.89	323.88	0	DEN	32	16.0	25.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-14.5
859	638958.42	4873672.89	323.88	0	DEN	63	24.2	25.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-6.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
859	638958.42	4873672.89	323.88	0	DEN	125	30.3	25.6	0.0	0.0	0.0	50.8	0.0	0.9	0.0	0.0	5.6	0.0	0.0	-1.4
859	638958.42	4873672.89	323.88	0	DEN	250	35.8	25.6	0.0	0.0	0.0	50.8	0.1	1.5	0.0	0.0	6.1	0.0	0.0	2.8
859	638958.42	4873672.89	323.88	0	DEN	500	41.2	25.6	0.0	0.0	0.0	50.8	0.2	-1.0	0.0	0.0	10.3	0.0	0.0	6.4
859	638958.42	4873672.89	323.88	0	DEN	1000	47.4	25.6	0.0	0.0	0.0	50.8	0.4	-1.3	0.0	0.0	12.9	0.0	0.0	10.3
859	638958.42	4873672.89	323.88	0	DEN	2000	46.6	25.6	0.0	0.0	0.0	50.8	0.9	-1.3	0.0	0.0	15.4	0.0	0.0	6.4
859	638958.42	4873672.89	323.88	0	DEN	4000	42.4	25.6	0.0	0.0	0.0	50.8	3.2	-1.3	0.0	0.0	18.1	0.0	0.0	-2.8
859	638958.42	4873672.89	323.88	0	DEN	8000	39.3	25.6	0.0	0.0	0.0	50.8	11.4	-1.3	0.0	0.0	21.0	0.0	0.0	-17.0
861	638969.96	4873686.74	323.95	0	DEN	32	16.0	25.6	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-13.1
861	638969.96	4873686.74	323.95	0	DEN	63	24.2	25.6	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-5.7
861	638969.96	4873686.74	323.95	0	DEN	125	30.3	25.6	0.0	0.0	0.0	49.0	0.0	1.1	0.0	0.0	6.5	0.0	0.0	-0.8
861	638969.96	4873686.74	323.95	0	DEN	250	35.8	25.6	0.0	0.0	0.0	49.0	0.1	2.0	0.0	0.0	7.3	0.0	0.0	3.0
861	638969.96	4873686.74	323.95	0	DEN	500	41.2	25.6	0.0	0.0	0.0	49.0	0.2	-0.7	0.0	0.0	12.2	0.0	0.0	6.1
861	638969.96	4873686.74	323.95	0	DEN	1000	47.4	25.6	0.0	0.0	0.0	49.0	0.3	-1.1	0.0	0.0	15.1	0.0	0.0	9.7
861	638969.96	4873686.74	323.95	0	DEN	2000	46.6	25.6	0.0	0.0	0.0	49.0	0.8	-1.1	0.0	0.0	17.9	0.0	0.0	5.7
861	638969.96	4873686.74	323.95	0	DEN	4000	42.4	25.6	0.0	0.0	0.0	49.0	2.6	-1.1	0.0	0.0	20.7	0.0	0.0	-3.3
861	638969.96	4873686.74	323.95	0	DEN	8000	39.3	25.6	0.0	0.0	0.0	49.0	9.3	-1.1	0.0	0.0	21.1	0.0	0.0	-13.5
863	638962.16	4873621.56	322.93	0	DEN	32	16.0	28.6	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-14.4
863	638962.16	4873621.56	322.93	0	DEN	63	24.2	28.6	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-6.5
863	638962.16	4873621.56	322.93	0	DEN	125	30.3	28.6	0.0	0.0	0.0	54.0	0.1	1.2	0.0	0.0	4.5	0.0	0.0	-0.9
863	638962.16	4873621.56	322.93	0	DEN	250	35.8	28.6	0.0	0.0	0.0	54.0	0.1	1.8	0.0	0.0	4.6	0.0	0.0	3.8
863	638962.16	4873621.56	322.93	0	DEN	500	41.2	28.6	0.0	0.0	0.0	54.0	0.3	-0.9	0.0	0.0	8.5	0.0	0.0	7.9
863	638962.16	4873621.56	322.93	0	DEN	1000	47.4	28.6	0.0	0.0	0.0	54.0	0.5	-1.3	0.0	0.0	10.6	0.0	0.0	12.2
863	638962.16	4873621.56	322.93	0	DEN	2000	46.6	28.6	0.0	0.0	0.0	54.0	1.4	-1.3	0.0	0.0	12.8	0.0	0.0	8.3
863	638962.16	4873621.56	322.93	0	DEN	4000	42.4	28.6	0.0	0.0	0.0	54.0	4.6	-1.3	0.0	0.0	15.3	0.0	0.0	-1.7
863	638962.16	4873621.56	322.93	0	DEN	8000	39.3	28.6	0.0	0.0	0.0	54.0	16.5	-1.3	0.0	0.0	18.1	0.0	0.0	-19.4
865	638934.32	4873616.07	323.25	0	DEN	32	16.0	28.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-15.3
865	638934.32	4873616.07	323.25	0	DEN	63	24.2	28.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-7.3
865	638934.32	4873616.07	323.25	0	DEN	125	30.3	28.6	0.0	0.0	0.0	55.0	0.1	1.1	0.0	0.0	4.3	0.0	0.0	-1.5
865	638934.32	4873616.07	323.25	0	DEN	250	35.8	28.6	0.0	0.0	0.0	55.0	0.2	1.7	0.0	0.0	4.1	0.0	0.0	3.4
865	638934.32	4873616.07	323.25	0	DEN	500	41.2	28.6	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	7.6	0.0	0.0	7.9
865	638934.32	4873616.07	323.25	0	DEN	1000	47.4	28.6	0.0	0.0	0.0	55.0	0.6	-1.4	0.0	0.0	9.3	0.0	0.0	12.5
865	638934.32	4873616.07	323.25	0	DEN	2000	46.6	28.6	0.0	0.0	0.0	55.0	1.5	-1.4	0.0	0.0	11.1	0.0	0.0	8.9
865	638934.32	4873616.07	323.25	0	DEN	4000	42.4	28.6	0.0	0.0	0.0	55.0	5.2	-1.4	0.0	0.0	13.4	0.0	0.0	-1.2
865	638934.32	4873616.07	323.25	0	DEN	8000	39.3	28.6	0.0	0.0	0.0	55.0	18.5	-1.4	0.0	0.0	15.9	0.0	0.0	-20.2
890	638980.83	4873602.09	322.31	0	DEN	32	16.0	31.6	0.0	0.0	0.0	54.8	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-12.2
890	638980.83	4873602.09	322.31	0	DEN	63	24.2	31.6	0.0	0.0	0.0	54.8	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-4.3
890	638980.83	4873602.09	322.31	0	DEN	125	30.3	31.6	0.0	0.0	0.0	54.8	0.1	1.3	0.0	0.0	4.4	0.0	0.0	1.3
890	638980.83	4873602.09	322.31	0	DEN	250	35.8	31.6	0.0	0.0	0.0	54.8	0.2	1.9	0.0	0.0	4.6	0.0	0.0	5.9
890	638980.83	4873602.09	322.31	0	DEN	500	41.2	31.6	0.0	0.0	0.0	54.8	0.3	-0.9	0.0	0.0	8.7	0.0	0.0	9.9
890	638980.83	4873602.09	322.31	0	DEN	1000	47.4	31.6	0.0	0.0	0.0	54.8	0.6	-1.3	0.0	0.0	10.8	0.0	0.0	14.1
890	638980.83	4873602.09	322.31	0	DEN	2000	46.6	31.6	0.0	0.0	0.0	54.8	1.5	-1.3	0.0	0.0	13.1	0.0	0.0	10.1
890	638980.83	4873602.09	322.31	0	DEN	4000	42.4	31.6	0.0	0.0	0.0	54.8	5.1	-1.3	0.0	0.0	15.6	0.0	0.0	-0.2
890	638980.83	4873602.09	322.31	0	DEN	8000	39.3	31.6	0.0	0.0	0.0	54.8	18.1	-1.3	0.0	0.0	18.4	0.0	0.0	-19.1
892	638763.32	4873735.77	327.90	0	DEN	32	16.0	35.9	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-11.9
892	638763.32	4873735.77	327.90	0	DEN	63	24.2	35.9	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-3.8
892	638763.32	4873735.77	327.90	0	DEN	125	30.3	35.9	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.0	0.0	0.0	2.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
892	638763.32	4873735.77	327.90	0	DEN	250	35.8	35.9	0.0	0.0	0.0	59.0	0.3	1.5	0.0	0.0	3.6	0.0	0.0	7.3
892	638763.32	4873735.77	327.90	0	DEN	500	41.2	35.9	0.0	0.0	0.0	59.0	0.5	-1.3	0.0	0.0	6.7	0.0	0.0	12.2
892	638763.32	4873735.77	327.90	0	DEN	1000	47.4	35.9	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	7.6	0.0	0.0	17.4
892	638763.32	4873735.77	327.90	0	DEN	2000	46.6	35.9	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	8.6	0.0	0.0	14.2
892	638763.32	4873735.77	327.90	0	DEN	4000	42.4	35.9	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	10.0	0.0	0.0	2.7
892	638763.32	4873735.77	327.90	0	DEN	8000	39.3	35.9	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	12.0	0.0	0.0	-23.4
899	638784.77	4873696.86	326.90	0	DEN	32	16.0	32.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-14.4
899	638784.77	4873696.86	326.90	0	DEN	63	24.2	32.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-6.3
899	638784.77	4873696.86	326.90	0	DEN	125	30.3	32.9	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-0.4
899	638784.77	4873696.86	326.90	0	DEN	250	35.8	32.9	0.0	0.0	0.0	58.5	0.2	1.6	0.0	0.0	3.7	0.0	0.0	4.7
899	638784.77	4873696.86	326.90	0	DEN	500	41.2	32.9	0.0	0.0	0.0	58.5	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	9.5
899	638784.77	4873696.86	326.90	0	DEN	1000	47.4	32.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.1	0.0	0.0	14.5
899	638784.77	4873696.86	326.90	0	DEN	2000	46.6	32.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.3	0.0	0.0	11.0
899	638784.77	4873696.86	326.90	0	DEN	4000	42.4	32.9	0.0	0.0	0.0	58.5	7.7	-1.6	0.0	0.0	11.1	0.0	0.0	-0.4
899	638784.77	4873696.86	326.90	0	DEN	8000	39.3	32.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.3	0.0	0.0	-25.5
901	638833.71	4873678.73	325.85	0	DEN	32	16.0	29.9	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-15.8
901	638833.71	4873678.73	325.85	0	DEN	63	24.2	29.9	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-7.7
901	638833.71	4873678.73	325.85	0	DEN	125	30.3	29.9	0.0	0.0	0.0	56.8	0.1	1.1	0.0	0.0	4.1	0.0	0.0	-1.9
901	638833.71	4873678.73	325.85	0	DEN	250	35.8	29.9	0.0	0.0	0.0	56.8	0.2	1.8	0.0	0.0	3.9	0.0	0.0	3.0
901	638833.71	4873678.73	325.85	0	DEN	500	41.2	29.9	0.0	0.0	0.0	56.8	0.4	-1.0	0.0	0.0	7.4	0.0	0.0	7.5
901	638833.71	4873678.73	325.85	0	DEN	1000	47.4	29.9	0.0	0.0	0.0	56.8	0.7	-1.4	0.0	0.0	8.9	0.0	0.0	12.2
901	638833.71	4873678.73	325.85	0	DEN	2000	46.6	29.9	0.0	0.0	0.0	56.8	1.9	-1.4	0.0	0.0	10.6	0.0	0.0	8.6
901	638833.71	4873678.73	325.85	0	DEN	4000	42.4	29.9	0.0	0.0	0.0	56.8	6.4	-1.4	0.0	0.0	12.7	0.0	0.0	-2.2
901	638833.71	4873678.73	325.85	0	DEN	8000	39.3	29.9	0.0	0.0	0.0	56.8	22.8	-1.4	0.0	0.0	15.3	0.0	0.0	-24.2
903	638844.44	4873659.27	325.35	0	DEN	32	16.0	26.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-18.8
903	638844.44	4873659.27	325.35	0	DEN	63	24.2	26.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-10.7
903	638844.44	4873659.27	325.35	0	DEN	125	30.3	26.9	0.0	0.0	0.0	56.7	0.1	1.1	0.0	0.0	4.1	0.0	0.0	-4.8
903	638844.44	4873659.27	325.35	0	DEN	250	35.8	26.9	0.0	0.0	0.0	56.7	0.2	1.8	0.0	0.0	3.8	0.0	0.0	0.2
903	638844.44	4873659.27	325.35	0	DEN	500	41.2	26.9	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	7.2	0.0	0.0	4.7
903	638844.44	4873659.27	325.35	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	8.7	0.0	0.0	9.5
903	638844.44	4873659.27	325.35	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	10.3	0.0	0.0	6.0
903	638844.44	4873659.27	325.35	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	12.4	0.0	0.0	-4.8
903	638844.44	4873659.27	325.35	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	56.7	22.6	-1.4	0.0	0.0	14.8	0.0	0.0	-26.6
915	638875.47	4873643.35	324.61	0	DEN	32	16.0	26.9	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-18.0
915	638875.47	4873643.35	324.61	0	DEN	63	24.2	26.9	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-9.9
915	638875.47	4873643.35	324.61	0	DEN	125	30.3	26.9	0.0	0.0	0.0	55.9	0.1	1.0	0.0	0.0	4.2	0.0	0.0	-4.0
915	638875.47	4873643.35	324.61	0	DEN	250	35.8	26.9	0.0	0.0	0.0	55.9	0.2	1.7	0.0	0.0	3.8	0.0	0.0	1.0
915	638875.47	4873643.35	324.61	0	DEN	500	41.2	26.9	0.0	0.0	0.0	55.9	0.3	-1.0	0.0	0.0	7.2	0.0	0.0	5.6
915	638875.47	4873643.35	324.61	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	55.9	0.6	-1.4	0.0	0.0	8.7	0.0	0.0	10.4
915	638875.47	4873643.35	324.61	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	55.9	1.7	-1.4	0.0	0.0	10.3	0.0	0.0	6.9
915	638875.47	4873643.35	324.61	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	55.9	5.8	-1.4	0.0	0.0	12.4	0.0	0.0	-3.4
915	638875.47	4873643.35	324.61	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	55.9	20.6	-1.4	0.0	0.0	14.8	0.0	0.0	-23.8
917	638701.26	4873767.61	329.38	0	DEN	32	16.0	35.9	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-13.8
917	638701.26	4873767.61	329.38	0	DEN	63	24.2	35.9	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-5.7
917	638701.26	4873767.61	329.38	0	DEN	125	30.3	35.9	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	0.3
917	638701.26	4873767.61	329.38	0	DEN	250	35.8	35.9	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.6	0.0	0.0	5.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
917	638701.26	4873767.61	329.38	0	DEN	500	41.2	35.9	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	10.6
917	638701.26	4873767.61	329.38	0	DEN	1000	47.4	35.9	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.2	0.0	0.0	16.0
917	638701.26	4873767.61	329.38	0	DEN	2000	46.6	35.9	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	7.6	0.0	0.0	12.8
917	638701.26	4873767.61	329.38	0	DEN	4000	42.4	35.9	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	8.4	0.0	0.0	0.6
917	638701.26	4873767.61	329.38	0	DEN	8000	39.3	35.9	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	9.6	0.0	0.0	-30.0
938	638660.65	4873760.54	329.87	0	DEN	32	16.0	32.9	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-17.9
938	638660.65	4873760.54	329.87	0	DEN	63	24.2	32.9	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-9.7
938	638660.65	4873760.54	329.87	0	DEN	125	30.3	32.9	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-3.7
938	638660.65	4873760.54	329.87	0	DEN	250	35.8	32.9	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	1.5
938	638660.65	4873760.54	329.87	0	DEN	500	41.2	32.9	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	6.5
938	638660.65	4873760.54	329.87	0	DEN	1000	47.4	32.9	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.1	0.0	0.0	11.9
938	638660.65	4873760.54	329.87	0	DEN	2000	46.6	32.9	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.4	0.0	0.0	8.7
938	638660.65	4873760.54	329.87	0	DEN	4000	42.4	32.9	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	8.0	0.0	0.0	-4.3
938	638660.65	4873760.54	329.87	0	DEN	8000	39.3	32.9	0.0	0.0	0.0	62.0	41.3	-2.0	0.0	0.0	9.0	0.0	0.0	-38.0
940	638598.58	4873792.37	331.35	0	DEN	32	16.0	32.9	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-19.3
940	638598.58	4873792.37	331.35	0	DEN	63	24.2	32.9	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-11.1
940	638598.58	4873792.37	331.35	0	DEN	125	30.3	32.9	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-5.2
940	638598.58	4873792.37	331.35	0	DEN	250	35.8	32.9	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	0.0
940	638598.58	4873792.37	331.35	0	DEN	500	41.2	32.9	0.0	0.0	0.0	63.4	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	5.0
940	638598.58	4873792.37	331.35	0	DEN	1000	47.4	32.9	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	10.5
940	638598.58	4873792.37	331.35	0	DEN	2000	46.6	32.9	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.2	0.0	0.0	7.0
940	638598.58	4873792.37	331.35	0	DEN	4000	42.4	32.9	0.0	0.0	0.0	63.4	13.7	-2.1	0.0	0.0	7.4	0.0	0.0	-7.1
940	638598.58	4873792.37	331.35	0	DEN	8000	39.3	32.9	0.0	0.0	0.0	63.4	48.7	-2.1	0.0	0.0	7.9	0.0	0.0	-45.7
949	638857.67	4873736.21	326.49	0	DEN	32	16.0	32.9	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-11.0
949	638857.67	4873736.21	326.49	0	DEN	63	24.2	32.9	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-2.9
949	638857.67	4873736.21	326.49	0	DEN	125	30.3	32.9	0.0	0.0	0.0	54.9	0.1	0.9	0.0	0.0	4.4	0.0	0.0	2.9
949	638857.67	4873736.21	326.49	0	DEN	250	35.8	32.9	0.0	0.0	0.0	54.9	0.2	1.6	0.0	0.0	4.2	0.0	0.0	7.8
949	638857.67	4873736.21	326.49	0	DEN	500	41.2	32.9	0.0	0.0	0.0	54.9	0.3	-1.0	0.0	0.0	7.7	0.0	0.0	12.2
949	638857.67	4873736.21	326.49	0	DEN	1000	47.4	32.9	0.0	0.0	0.0	54.9	0.6	-1.4	0.0	0.0	9.4	0.0	0.0	16.8
949	638857.67	4873736.21	326.49	0	DEN	2000	46.6	32.9	0.0	0.0	0.0	54.9	1.5	-1.4	0.0	0.0	11.2	0.0	0.0	13.3
949	638857.67	4873736.21	326.49	0	DEN	4000	42.4	32.9	0.0	0.0	0.0	54.9	5.1	-1.4	0.0	0.0	13.5	0.0	0.0	3.2
949	638857.67	4873736.21	326.49	0	DEN	8000	39.3	32.9	0.0	0.0	0.0	54.9	18.3	-1.4	0.0	0.0	16.0	0.0	0.0	-15.7
951	638885.17	4873756.99	326.44	0	DEN	32	16.0	29.9	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-12.3
951	638885.17	4873756.99	326.44	0	DEN	63	24.2	29.9	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-4.3
951	638885.17	4873756.99	326.44	0	DEN	125	30.3	29.9	0.0	0.0	0.0	53.2	0.1	0.9	0.0	0.0	4.6	0.0	0.0	1.4
951	638885.17	4873756.99	326.44	0	DEN	250	35.8	29.9	0.0	0.0	0.0	53.2	0.1	1.6	0.0	0.0	4.5	0.0	0.0	6.2
951	638885.17	4873756.99	326.44	0	DEN	500	41.2	29.9	0.0	0.0	0.0	53.2	0.2	-1.0	0.0	0.0	8.2	0.0	0.0	10.5
951	638885.17	4873756.99	326.44	0	DEN	1000	47.4	29.9	0.0	0.0	0.0	53.2	0.5	-1.4	0.0	0.0	10.0	0.0	0.0	15.0
951	638885.17	4873756.99	326.44	0	DEN	2000	46.6	29.9	0.0	0.0	0.0	53.2	1.2	-1.4	0.0	0.0	12.1	0.0	0.0	11.4
951	638885.17	4873756.99	326.44	0	DEN	4000	42.4	29.9	0.0	0.0	0.0	53.2	4.2	-1.4	0.0	0.0	14.5	0.0	0.0	1.8
951	638885.17	4873756.99	326.44	0	DEN	8000	39.3	29.9	0.0	0.0	0.0	53.2	15.0	-1.4	0.0	0.0	17.1	0.0	0.0	-14.8
964	638909.64	4873747.92	325.91	0	DEN	32	16.0	26.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-13.6
964	638909.64	4873747.92	325.91	0	DEN	63	24.2	26.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-5.7
964	638909.64	4873747.92	325.91	0	DEN	125	30.3	26.9	0.0	0.0	0.0	51.4	0.0	0.7	0.0	0.0	5.2	0.0	0.0	-0.2
964	638909.64	4873747.92	325.91	0	DEN	250	35.8	26.9	0.0	0.0	0.0	51.4	0.1	1.4	0.0	0.0	5.4	0.0	0.0	4.4
964	638909.64	4873747.92	325.91	0	DEN	500	41.2	26.9	0.0	0.0	0.0	51.4	0.2	-1.1	0.0	0.0	9.3	0.0	0.0	8.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
964	638909.64	4873747.92	325.91	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	51.4	0.4	-1.4	0.0	0.0	11.5	0.0	0.0	12.4
964	638909.64	4873747.92	325.91	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	51.4	1.0	-1.4	0.0	0.0	13.8	0.0	0.0	8.7
964	638909.64	4873747.92	325.91	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	51.4	3.4	-1.4	0.0	0.0	16.5	0.0	0.0	-0.6
964	638909.64	4873747.92	325.91	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	51.4	12.2	-1.4	0.0	0.0	19.3	0.0	0.0	-15.2
966	638923.39	4873758.31	325.89	0	DEN	32	16.0	23.9	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-15.4
966	638923.39	4873758.31	325.89	0	DEN	63	24.2	23.9	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-7.6
966	638923.39	4873758.31	325.89	0	DEN	125	30.3	23.9	0.0	0.0	0.0	50.1	0.0	0.8	0.0	0.0	5.4	0.0	0.0	-2.2
966	638923.39	4873758.31	325.89	0	DEN	250	35.8	23.9	0.0	0.0	0.0	50.1	0.1	1.5	0.0	0.0	5.7	0.0	0.0	2.2
966	638923.39	4873758.31	325.89	0	DEN	500	41.2	23.9	0.0	0.0	0.0	50.1	0.2	-1.0	0.0	0.0	9.8	0.0	0.0	6.0
966	638923.39	4873758.31	325.89	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	50.1	0.3	-1.3	0.0	0.0	12.2	0.0	0.0	10.0
966	638923.39	4873758.31	325.89	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	50.1	0.9	-1.3	0.0	0.0	14.6	0.0	0.0	6.2
966	638923.39	4873758.31	325.89	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	50.1	3.0	-1.3	0.0	0.0	17.3	0.0	0.0	-2.8
966	638923.39	4873758.31	325.89	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	50.1	10.6	-1.3	0.0	0.0	20.1	0.0	0.0	-16.4
968	638935.62	4873753.78	325.63	0	DEN	32	16.0	20.9	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-17.3
968	638935.62	4873753.78	325.63	0	DEN	63	24.2	20.9	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-9.6
968	638935.62	4873753.78	325.63	0	DEN	125	30.3	20.9	0.0	0.0	0.0	48.9	0.0	0.9	0.0	0.0	5.7	0.0	0.0	-4.4
968	638935.62	4873753.78	325.63	0	DEN	250	35.8	20.9	0.0	0.0	0.0	48.9	0.1	1.8	0.0	0.0	6.1	0.0	0.0	-0.3
968	638935.62	4873753.78	325.63	0	DEN	500	41.2	20.9	0.0	0.0	0.0	48.9	0.2	-0.8	0.0	0.0	10.6	0.0	0.0	3.2
968	638935.62	4873753.78	325.63	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	48.9	0.3	-1.2	0.0	0.0	13.2	0.0	0.0	7.0
968	638935.62	4873753.78	325.63	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	48.9	0.8	-1.2	0.0	0.0	15.8	0.0	0.0	3.2
968	638935.62	4873753.78	325.63	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	48.9	2.6	-1.2	0.0	0.0	18.6	0.0	0.0	-5.6
968	638935.62	4873753.78	325.63	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	48.9	9.1	-1.2	0.0	0.0	21.2	0.0	0.0	-17.8
970	638946.97	4873758.42	325.54	0	DEN	32	16.0	20.9	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-16.2
970	638946.97	4873758.42	325.54	0	DEN	63	24.2	20.9	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-8.7
970	638946.97	4873758.42	325.54	0	DEN	125	30.3	20.9	0.0	0.0	0.0	47.5	0.0	0.9	0.0	0.0	6.3	0.0	0.0	-3.7
970	638946.97	4873758.42	325.54	0	DEN	250	35.8	20.9	0.0	0.0	0.0	47.5	0.1	1.8	0.0	0.0	7.0	0.0	0.0	0.2
970	638946.97	4873758.42	325.54	0	DEN	500	41.2	20.9	0.0	0.0	0.0	47.5	0.1	-0.7	0.0	0.0	11.7	0.0	0.0	3.5
970	638946.97	4873758.42	325.54	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	47.5	0.2	-1.1	0.0	0.0	14.5	0.0	0.0	7.1
970	638946.97	4873758.42	325.54	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	47.5	0.6	-1.1	0.0	0.0	17.2	0.0	0.0	3.2
970	638946.97	4873758.42	325.54	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	47.5	2.2	-1.1	0.0	0.0	20.0	0.0	0.0	-5.4
970	638946.97	4873758.42	325.54	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	47.5	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-15.2
981	638821.85	4873740.63	327.10	0	DEN	32	16.0	32.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-12.7
981	638821.85	4873740.63	327.10	0	DEN	63	24.2	32.9	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-4.6
981	638821.85	4873740.63	327.10	0	DEN	125	30.3	32.9	0.0	0.0	0.0	56.7	0.1	1.0	0.0	0.0	4.1	0.0	0.0	1.3
981	638821.85	4873740.63	327.10	0	DEN	250	35.8	32.9	0.0	0.0	0.0	56.7	0.2	1.7	0.0	0.0	3.7	0.0	0.0	6.4
981	638821.85	4873740.63	327.10	0	DEN	500	41.2	32.9	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	11.1
981	638821.85	4873740.63	327.10	0	DEN	1000	47.4	32.9	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	8.3	0.0	0.0	16.0
981	638821.85	4873740.63	327.10	0	DEN	2000	46.6	32.9	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	9.8	0.0	0.0	12.6
981	638821.85	4873740.63	327.10	0	DEN	4000	42.4	32.9	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	11.7	0.0	0.0	2.0
981	638821.85	4873740.63	327.10	0	DEN	8000	39.3	32.9	0.0	0.0	0.0	56.7	22.5	-1.4	0.0	0.0	14.1	0.0	0.0	-19.6
983	638795.61	4873768.05	327.97	0	DEN	32	16.0	32.9	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-13.7
983	638795.61	4873768.05	327.97	0	DEN	63	24.2	32.9	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	8.0	0.0	0.0	-5.6
983	638795.61	4873768.05	327.97	0	DEN	125	30.3	32.9	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	3.8	0.0	0.0	0.3
983	638795.61	4873768.05	327.97	0	DEN	250	35.8	32.9	0.0	0.0	0.0	57.8	0.2	1.7	0.0	0.0	3.4	0.0	0.0	5.5
983	638795.61	4873768.05	327.97	0	DEN	500	41.2	32.9	0.0	0.0	0.0	57.8	0.4	-1.1	0.0	0.0	6.6	0.0	0.0	10.4
983	638795.61	4873768.05	327.97	0	DEN	1000	47.4	32.9	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	7.6	0.0	0.0	15.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
983	638795.61	4873768.05	327.97	0	DEN	2000	46.6	32.9	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	8.6	0.0	0.0	12.4
983	638795.61	4873768.05	327.97	0	DEN	4000	42.4	32.9	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	10.2	0.0	0.0	1.6
983	638795.61	4873768.05	327.97	0	DEN	8000	39.3	32.9	0.0	0.0	0.0	57.8	25.6	-1.5	0.0	0.0	12.2	0.0	0.0	-21.9
985	638901.82	4873706.58	325.31	0	DEN	32	16.0	29.9	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-11.9
985	638901.82	4873706.58	325.31	0	DEN	63	24.2	29.9	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-4.0
985	638901.82	4873706.58	325.31	0	DEN	125	30.3	29.9	0.0	0.0	0.0	52.7	0.0	0.9	0.0	0.0	5.0	0.0	0.0	1.6
985	638901.82	4873706.58	325.31	0	DEN	250	35.8	29.9	0.0	0.0	0.0	52.7	0.1	1.6	0.0	0.0	5.2	0.0	0.0	6.1
985	638901.82	4873706.58	325.31	0	DEN	500	41.2	29.9	0.0	0.0	0.0	52.7	0.2	-1.0	0.0	0.0	9.1	0.0	0.0	10.1
985	638901.82	4873706.58	325.31	0	DEN	1000	47.4	29.9	0.0	0.0	0.0	52.7	0.4	-1.4	0.0	0.0	11.4	0.0	0.0	14.2
985	638901.82	4873706.58	325.31	0	DEN	2000	46.6	29.9	0.0	0.0	0.0	52.7	1.2	-1.4	0.0	0.0	13.7	0.0	0.0	10.4
985	638901.82	4873706.58	325.31	0	DEN	4000	42.4	29.9	0.0	0.0	0.0	52.7	4.0	-1.4	0.0	0.0	16.3	0.0	0.0	0.8
985	638901.82	4873706.58	325.31	0	DEN	8000	39.3	29.9	0.0	0.0	0.0	52.7	14.2	-1.4	0.0	0.0	19.1	0.0	0.0	-15.3
987	638866.00	4873711.00	325.93	0	DEN	32	16.0	29.9	0.0	0.0	0.0	54.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-13.8
987	638866.00	4873711.00	325.93	0	DEN	63	24.2	29.9	0.0	0.0	0.0	54.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-5.8
987	638866.00	4873711.00	325.93	0	DEN	125	30.3	29.9	0.0	0.0	0.0	54.7	0.1	1.0	0.0	0.0	4.5	0.0	0.0	-0.1
987	638866.00	4873711.00	325.93	0	DEN	250	35.8	29.9	0.0	0.0	0.0	54.7	0.2	1.7	0.0	0.0	4.4	0.0	0.0	4.8
987	638866.00	4873711.00	325.93	0	DEN	500	41.2	29.9	0.0	0.0	0.0	54.7	0.3	-1.0	0.0	0.0	8.0	0.0	0.0	9.1
987	638866.00	4873711.00	325.93	0	DEN	1000	47.4	29.9	0.0	0.0	0.0	54.7	0.6	-1.4	0.0	0.0	9.9	0.0	0.0	13.5
987	638866.00	4873711.00	325.93	0	DEN	2000	46.6	29.9	0.0	0.0	0.0	54.7	1.5	-1.4	0.0	0.0	11.8	0.0	0.0	9.8
987	638866.00	4873711.00	325.93	0	DEN	4000	42.4	29.9	0.0	0.0	0.0	54.7	5.0	-1.4	0.0	0.0	14.2	0.0	0.0	-0.3
987	638866.00	4873711.00	325.93	0	DEN	8000	39.3	29.9	0.0	0.0	0.0	54.7	18.0	-1.4	0.0	0.0	16.9	0.0	0.0	-19.0
989	638926.92	4873721.61	325.20	0	DEN	32	16.0	23.9	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-15.7
989	638926.92	4873721.61	325.20	0	DEN	63	24.2	23.9	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-8.0
989	638926.92	4873721.61	325.20	0	DEN	125	30.3	23.9	0.0	0.0	0.0	50.3	0.0	0.7	0.0	0.0	5.7	0.0	0.0	-2.7
989	638926.92	4873721.61	325.20	0	DEN	250	35.8	23.9	0.0	0.0	0.0	50.3	0.1	1.4	0.0	0.0	6.3	0.0	0.0	1.5
989	638926.92	4873721.61	325.20	0	DEN	500	41.2	23.9	0.0	0.0	0.0	50.3	0.2	-1.0	0.0	0.0	10.5	0.0	0.0	5.1
989	638926.92	4873721.61	325.20	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	50.3	0.3	-1.4	0.0	0.0	13.0	0.0	0.0	9.0
989	638926.92	4873721.61	325.20	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	50.3	0.9	-1.4	0.0	0.0	15.5	0.0	0.0	5.1
989	638926.92	4873721.61	325.20	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	50.3	3.0	-1.4	0.0	0.0	18.3	0.0	0.0	-4.0
989	638926.92	4873721.61	325.20	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	50.3	10.8	-1.4	0.0	0.0	21.2	0.0	0.0	-17.8
991	638909.01	4873723.83	325.50	0	DEN	32	16.0	23.9	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-17.0
991	638909.01	4873723.83	325.50	0	DEN	63	24.2	23.9	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-9.1
991	638909.01	4873723.83	325.50	0	DEN	125	30.3	23.9	0.0	0.0	0.0	51.7	0.0	0.8	0.0	0.0	5.2	0.0	0.0	-3.6
991	638909.01	4873723.83	325.50	0	DEN	250	35.8	23.9	0.0	0.0	0.0	51.7	0.1	1.5	0.0	0.0	5.5	0.0	0.0	0.8
991	638909.01	4873723.83	325.50	0	DEN	500	41.2	23.9	0.0	0.0	0.0	51.7	0.2	-1.0	0.0	0.0	9.5	0.0	0.0	4.7
991	638909.01	4873723.83	325.50	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	51.7	0.4	-1.4	0.0	0.0	11.8	0.0	0.0	8.7
991	638909.01	4873723.83	325.50	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	51.7	1.1	-1.4	0.0	0.0	14.1	0.0	0.0	4.9
991	638909.01	4873723.83	325.50	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	51.7	3.6	-1.4	0.0	0.0	16.8	0.0	0.0	-4.4
991	638909.01	4873723.83	325.50	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	51.7	12.7	-1.4	0.0	0.0	19.6	0.0	0.0	-19.5
993	638931.09	4873709.01	324.92	0	DEN	32	16.0	26.9	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-12.8
993	638931.09	4873709.01	324.92	0	DEN	63	24.2	26.9	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-5.1
993	638931.09	4873709.01	324.92	0	DEN	125	30.3	26.9	0.0	0.0	0.0	50.4	0.0	0.8	0.0	0.0	5.6	0.0	0.0	0.3
993	638931.09	4873709.01	324.92	0	DEN	250	35.8	26.9	0.0	0.0	0.0	50.4	0.1	1.4	0.0	0.0	6.2	0.0	0.0	4.5
993	638931.09	4873709.01	324.92	0	DEN	500	41.2	26.9	0.0	0.0	0.0	50.4	0.2	-1.0	0.0	0.0	10.3	0.0	0.0	8.2
993	638931.09	4873709.01	324.92	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	50.4	0.3	-1.3	0.0	0.0	12.8	0.0	0.0	12.0
993	638931.09	4873709.01	324.92	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	50.4	0.9	-1.4	0.0	0.0	15.3	0.0	0.0	8.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
993	638931.09	4873709.01	324.92	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	50.4	3.1	-1.4	0.0	0.0	18.1	0.0	0.0	-1.0
993	638931.09	4873709.01	324.92	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	50.4	11.0	-1.4	0.0	0.0	20.9	0.0	0.0	-14.8
1034	638931.71	4873733.11	325.33	0	DEN	32	16.0	23.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-15.0
1034	638931.71	4873733.11	325.33	0	DEN	63	24.2	23.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-7.3
1034	638931.71	4873733.11	325.33	0	DEN	125	30.3	23.9	0.0	0.0	0.0	49.5	0.0	0.8	0.0	0.0	5.8	0.0	0.0	-2.0
1034	638931.71	4873733.11	325.33	0	DEN	250	35.8	23.9	0.0	0.0	0.0	49.5	0.1	1.6	0.0	0.0	6.4	0.0	0.0	2.1
1034	638931.71	4873733.11	325.33	0	DEN	500	41.2	23.9	0.0	0.0	0.0	49.5	0.2	-0.9	0.0	0.0	10.7	0.0	0.0	5.6
1034	638931.71	4873733.11	325.33	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	49.5	0.3	-1.3	0.0	0.0	13.3	0.0	0.0	9.4
1034	638931.71	4873733.11	325.33	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	49.5	0.8	-1.3	0.0	0.0	15.9	0.0	0.0	5.5
1034	638931.71	4873733.11	325.33	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	49.5	2.8	-1.3	0.0	0.0	18.6	0.0	0.0	-3.4
1034	638931.71	4873733.11	325.33	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	49.5	9.9	-1.3	0.0	0.0	21.3	0.0	0.0	-16.3
1039	638913.80	4873735.32	325.63	0	DEN	32	16.0	23.9	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-16.4
1039	638913.80	4873735.32	325.63	0	DEN	63	24.2	23.9	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-8.6
1039	638913.80	4873735.32	325.63	0	DEN	125	30.3	23.9	0.0	0.0	0.0	51.1	0.0	0.7	0.0	0.0	5.4	0.0	0.0	-3.1
1039	638913.80	4873735.32	325.63	0	DEN	250	35.8	23.9	0.0	0.0	0.0	51.1	0.1	1.4	0.0	0.0	5.7	0.0	0.0	1.3
1039	638913.80	4873735.32	325.63	0	DEN	500	41.2	23.9	0.0	0.0	0.0	51.1	0.2	-1.1	0.0	0.0	9.6	0.0	0.0	5.1
1039	638913.80	4873735.32	325.63	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	51.1	0.4	-1.4	0.0	0.0	12.0	0.0	0.0	9.2
1039	638913.80	4873735.32	325.63	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	51.1	1.0	-1.4	0.0	0.0	14.4	0.0	0.0	5.4
1039	638913.80	4873735.32	325.63	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	51.1	3.3	-1.4	0.0	0.0	17.0	0.0	0.0	-3.9
1039	638913.80	4873735.32	325.63	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	51.1	11.9	-1.4	0.0	0.0	19.9	0.0	0.0	-18.3
1042	638943.07	4873737.75	325.24	0	DEN	32	16.0	23.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-13.9
1042	638943.07	4873737.75	325.24	0	DEN	63	24.2	23.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-6.3
1042	638943.07	4873737.75	325.24	0	DEN	125	30.3	23.9	0.0	0.0	0.0	48.2	0.0	0.8	0.0	0.0	6.4	0.0	0.0	-1.2
1042	638943.07	4873737.75	325.24	0	DEN	250	35.8	23.9	0.0	0.0	0.0	48.2	0.1	1.6	0.0	0.0	7.1	0.0	0.0	2.7
1042	638943.07	4873737.75	325.24	0	DEN	500	41.2	23.9	0.0	0.0	0.0	48.2	0.1	-0.9	0.0	0.0	11.6	0.0	0.0	6.0
1042	638943.07	4873737.75	325.24	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	48.2	0.3	-1.2	0.0	0.0	14.4	0.0	0.0	9.6
1042	638943.07	4873737.75	325.24	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	48.2	0.7	-1.2	0.0	0.0	17.1	0.0	0.0	5.7
1042	638943.07	4873737.75	325.24	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	48.2	2.4	-1.2	0.0	0.0	19.9	0.0	0.0	-3.0
1042	638943.07	4873737.75	325.24	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	48.2	8.5	-1.2	0.0	0.0	21.2	0.0	0.0	-13.5
1055	638942.18	4873746.93	325.41	0	DEN	32	16.0	20.9	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-16.8
1055	638942.18	4873746.93	325.41	0	DEN	63	24.2	20.9	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-9.2
1055	638942.18	4873746.93	325.41	0	DEN	125	30.3	20.9	0.0	0.0	0.0	48.1	0.0	0.8	0.0	0.0	6.3	0.0	0.0	-4.1
1055	638942.18	4873746.93	325.41	0	DEN	250	35.8	20.9	0.0	0.0	0.0	48.1	0.1	1.6	0.0	0.0	6.9	0.0	0.0	-0.1
1055	638942.18	4873746.93	325.41	0	DEN	500	41.2	20.9	0.0	0.0	0.0	48.1	0.1	-0.9	0.0	0.0	11.4	0.0	0.0	3.2
1055	638942.18	4873746.93	325.41	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	48.1	0.3	-1.2	0.0	0.0	14.2	0.0	0.0	6.9
1055	638942.18	4873746.93	325.41	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	48.1	0.7	-1.2	0.0	0.0	16.8	0.0	0.0	3.0
1055	638942.18	4873746.93	325.41	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	48.1	2.4	-1.2	0.0	0.0	19.7	0.0	0.0	-5.7
1055	638942.18	4873746.93	325.41	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	48.1	8.4	-1.2	0.0	0.0	21.2	0.0	0.0	-16.4
1060	638953.53	4873751.57	325.32	0	DEN	32	16.0	20.9	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-15.6
1060	638953.53	4873751.57	325.32	0	DEN	63	24.2	20.9	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-8.2
1060	638953.53	4873751.57	325.32	0	DEN	125	30.3	20.9	0.0	0.0	0.0	46.6	0.0	0.7	0.0	0.0	7.2	0.0	0.0	-3.4
1060	638953.53	4873751.57	325.32	0	DEN	250	35.8	20.9	0.0	0.0	0.0	46.6	0.1	1.5	0.0	0.0	8.2	0.0	0.0	0.2
1060	638953.53	4873751.57	325.32	0	DEN	500	41.2	20.9	0.0	0.0	0.0	46.6	0.1	-0.8	0.0	0.0	12.8	0.0	0.0	3.3
1060	638953.53	4873751.57	325.32	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	46.6	0.2	-1.2	0.0	0.0	15.8	0.0	0.0	6.8
1060	638953.53	4873751.57	325.32	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	46.6	0.6	-1.2	0.0	0.0	18.5	0.0	0.0	2.9
1060	638953.53	4873751.57	325.32	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	46.6	2.0	-1.2	0.0	0.0	21.2	0.0	0.0	-5.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1060	638953.53	4873751.57	325.32	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	46.6	7.0	-1.2	0.0	0.0	21.2	0.0	0.0	-13.5
1068	638880.89	4873678.95	325.15	0	DEN	32	16.0	26.9	0.0	0.0	0.0	54.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-16.7
1068	638880.89	4873678.95	325.15	0	DEN	63	24.2	26.9	0.0	0.0	0.0	54.6	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-8.7
1068	638880.89	4873678.95	325.15	0	DEN	125	30.3	26.9	0.0	0.0	0.0	54.6	0.1	1.0	0.0	0.0	4.5	0.0	0.0	-3.0
1068	638880.89	4873678.95	325.15	0	DEN	250	35.8	26.9	0.0	0.0	0.0	54.6	0.2	1.7	0.0	0.0	4.3	0.0	0.0	1.8
1068	638880.89	4873678.95	325.15	0	DEN	500	41.2	26.9	0.0	0.0	0.0	54.6	0.3	-1.0	0.0	0.0	8.0	0.0	0.0	6.1
1068	638880.89	4873678.95	325.15	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	54.6	0.6	-1.4	0.0	0.0	9.8	0.0	0.0	10.6
1068	638880.89	4873678.95	325.15	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	54.6	1.5	-1.4	0.0	0.0	11.8	0.0	0.0	6.9
1068	638880.89	4873678.95	325.15	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	54.6	5.0	-1.4	0.0	0.0	14.2	0.0	0.0	-3.2
1068	638880.89	4873678.95	325.15	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	54.6	17.8	-1.4	0.0	0.0	16.9	0.0	0.0	-21.7
1071	638903.59	4873688.23	324.97	0	DEN	32	16.0	26.9	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-15.3
1071	638903.59	4873688.23	324.97	0	DEN	63	24.2	26.9	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-7.3
1071	638903.59	4873688.23	324.97	0	DEN	125	30.3	26.9	0.0	0.0	0.0	53.1	0.1	0.9	0.0	0.0	4.8	0.0	0.0	-1.7
1071	638903.59	4873688.23	324.97	0	DEN	250	35.8	26.9	0.0	0.0	0.0	53.1	0.1	1.6	0.0	0.0	4.8	0.0	0.0	2.9
1071	638903.59	4873688.23	324.97	0	DEN	500	41.2	26.9	0.0	0.0	0.0	53.1	0.2	-1.0	0.0	0.0	8.7	0.0	0.0	7.0
1071	638903.59	4873688.23	324.97	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	53.1	0.5	-1.4	0.0	0.0	10.8	0.0	0.0	11.3
1071	638903.59	4873688.23	324.97	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	53.1	1.2	-1.4	0.0	0.0	12.9	0.0	0.0	7.5
1071	638903.59	4873688.23	324.97	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	53.1	4.2	-1.4	0.0	0.0	15.5	0.0	0.0	-2.2
1071	638903.59	4873688.23	324.97	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	53.1	14.9	-1.4	0.0	0.0	18.2	0.0	0.0	-18.8
1077	638856.42	4873688.01	325.67	0	DEN	32	16.0	29.9	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-14.7
1077	638856.42	4873688.01	325.67	0	DEN	63	24.2	29.9	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-6.7
1077	638856.42	4873688.01	325.67	0	DEN	125	30.3	29.9	0.0	0.0	0.0	55.6	0.1	1.0	0.0	0.0	4.3	0.0	0.0	-0.9
1077	638856.42	4873688.01	325.67	0	DEN	250	35.8	29.9	0.0	0.0	0.0	55.6	0.2	1.7	0.0	0.0	4.2	0.0	0.0	4.0
1077	638856.42	4873688.01	325.67	0	DEN	500	41.2	29.9	0.0	0.0	0.0	55.6	0.3	-1.0	0.0	0.0	7.8	0.0	0.0	8.3
1077	638856.42	4873688.01	325.67	0	DEN	1000	47.4	29.9	0.0	0.0	0.0	55.6	0.6	-1.4	0.0	0.0	9.6	0.0	0.0	12.9
1077	638856.42	4873688.01	325.67	0	DEN	2000	46.6	29.9	0.0	0.0	0.0	55.6	1.6	-1.4	0.0	0.0	11.4	0.0	0.0	9.2
1077	638856.42	4873688.01	325.67	0	DEN	4000	42.4	29.9	0.0	0.0	0.0	55.6	5.6	-1.4	0.0	0.0	13.7	0.0	0.0	-1.3
1077	638856.42	4873688.01	325.67	0	DEN	8000	39.3	29.9	0.0	0.0	0.0	55.6	19.9	-1.4	0.0	0.0	16.4	0.0	0.0	-21.3
1087	638894.01	4873665.24	324.71	0	DEN	32	16.0	26.9	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-16.5
1087	638894.01	4873665.24	324.71	0	DEN	63	24.2	26.9	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-8.5
1087	638894.01	4873665.24	324.71	0	DEN	125	30.3	26.9	0.0	0.0	0.0	54.4	0.1	0.9	0.0	0.0	4.5	0.0	0.0	-2.7
1087	638894.01	4873665.24	324.71	0	DEN	250	35.8	26.9	0.0	0.0	0.0	54.4	0.2	1.6	0.0	0.0	4.3	0.0	0.0	2.1
1087	638894.01	4873665.24	324.71	0	DEN	500	41.2	26.9	0.0	0.0	0.0	54.4	0.3	-1.0	0.0	0.0	7.9	0.0	0.0	6.5
1087	638894.01	4873665.24	324.71	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	54.4	0.5	-1.4	0.0	0.0	9.7	0.0	0.0	11.0
1087	638894.01	4873665.24	324.71	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	54.4	1.4	-1.4	0.0	0.0	11.6	0.0	0.0	7.4
1087	638894.01	4873665.24	324.71	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	54.4	4.9	-1.4	0.0	0.0	14.0	0.0	0.0	-2.6
1087	638894.01	4873665.24	324.71	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	54.4	17.4	-1.4	0.0	0.0	16.6	0.0	0.0	-20.8
1089	638916.71	4873674.52	324.53	0	DEN	32	16.0	26.9	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-15.1
1089	638916.71	4873674.52	324.53	0	DEN	63	24.2	26.9	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-7.1
1089	638916.71	4873674.52	324.53	0	DEN	125	30.3	26.9	0.0	0.0	0.0	52.9	0.1	0.8	0.0	0.0	4.8	0.0	0.0	-1.5
1089	638916.71	4873674.52	324.53	0	DEN	250	35.8	26.9	0.0	0.0	0.0	52.9	0.1	1.6	0.0	0.0	4.8	0.0	0.0	3.2
1089	638916.71	4873674.52	324.53	0	DEN	500	41.2	26.9	0.0	0.0	0.0	52.9	0.2	-1.0	0.0	0.0	8.6	0.0	0.0	7.4
1089	638916.71	4873674.52	324.53	0	DEN	1000	47.4	26.9	0.0	0.0	0.0	52.9	0.5	-1.4	0.0	0.0	10.6	0.0	0.0	11.7
1089	638916.71	4873674.52	324.53	0	DEN	2000	46.6	26.9	0.0	0.0	0.0	52.9	1.2	-1.4	0.0	0.0	12.7	0.0	0.0	8.0
1089	638916.71	4873674.52	324.53	0	DEN	4000	42.4	26.9	0.0	0.0	0.0	52.9	4.1	-1.4	0.0	0.0	15.2	0.0	0.0	-1.6
1089	638916.71	4873674.52	324.53	0	DEN	8000	39.3	26.9	0.0	0.0	0.0	52.9	14.6	-1.4	0.0	0.0	18.0	0.0	0.0	-17.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1091	638895.78	4873646.89	324.37	0	DEN	32	16.0	29.9	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-14.0
1091	638895.78	4873646.89	324.37	0	DEN	63	24.2	29.9	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-6.0
1091	638895.78	4873646.89	324.37	0	DEN	125	30.3	29.9	0.0	0.0	0.0	55.0	0.1	1.0	0.0	0.0	4.3	0.0	0.0	-0.2
1091	638895.78	4873646.89	324.37	0	DEN	250	35.8	29.9	0.0	0.0	0.0	55.0	0.2	1.7	0.0	0.0	4.0	0.0	0.0	4.8
1091	638895.78	4873646.89	324.37	0	DEN	500	41.2	29.9	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	7.5	0.0	0.0	9.3
1091	638895.78	4873646.89	324.37	0	DEN	1000	47.4	29.9	0.0	0.0	0.0	55.0	0.6	-1.4	0.0	0.0	9.1	0.0	0.0	14.0
1091	638895.78	4873646.89	324.37	0	DEN	2000	46.6	29.9	0.0	0.0	0.0	55.0	1.5	-1.4	0.0	0.0	10.8	0.0	0.0	10.5
1091	638895.78	4873646.89	324.37	0	DEN	4000	42.4	29.9	0.0	0.0	0.0	55.0	5.2	-1.4	0.0	0.0	13.0	0.0	0.0	0.5
1091	638895.78	4873646.89	324.37	0	DEN	8000	39.3	29.9	0.0	0.0	0.0	55.0	18.6	-1.4	0.0	0.0	15.5	0.0	0.0	-18.5
1093	638947.33	4873690.79	324.36	0	DEN	32	16.0	21.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-17.7
1093	638947.33	4873690.79	324.36	0	DEN	63	24.2	21.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-9.9
1093	638947.33	4873690.79	324.36	0	DEN	125	30.3	21.7	0.0	0.0	0.0	50.2	0.0	0.8	0.0	0.0	5.5	0.0	0.0	-4.6
1093	638947.33	4873690.79	324.36	0	DEN	250	35.8	21.7	0.0	0.0	0.0	50.2	0.1	1.6	0.0	0.0	6.0	0.0	0.0	-0.3
1093	638947.33	4873690.79	324.36	0	DEN	500	41.2	21.7	0.0	0.0	0.0	50.2	0.2	-1.0	0.0	0.0	10.2	0.0	0.0	3.3
1093	638947.33	4873690.79	324.36	0	DEN	1000	47.4	21.7	0.0	0.0	0.0	50.2	0.3	-1.3	0.0	0.0	12.7	0.0	0.0	7.2
1093	638947.33	4873690.79	324.36	0	DEN	2000	46.6	21.7	0.0	0.0	0.0	50.2	0.9	-1.3	0.0	0.0	15.2	0.0	0.0	3.4
1093	638947.33	4873690.79	324.36	0	DEN	4000	42.4	21.7	0.0	0.0	0.0	50.2	3.0	-1.3	0.0	0.0	17.9	0.0	0.0	-5.7
1093	638947.33	4873690.79	324.36	0	DEN	8000	39.3	21.7	0.0	0.0	0.0	50.2	10.7	-1.3	0.0	0.0	20.8	0.0	0.0	-19.3
1095	638960.83	4873695.49	324.23	0	DEN	32	16.0	21.7	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-16.6
1095	638960.83	4873695.49	324.23	0	DEN	63	24.2	21.7	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-9.0
1095	638960.83	4873695.49	324.23	0	DEN	125	30.3	21.7	0.0	0.0	0.0	48.9	0.0	1.1	0.0	0.0	5.9	0.0	0.0	-3.9
1095	638960.83	4873695.49	324.23	0	DEN	250	35.8	21.7	0.0	0.0	0.0	48.9	0.1	2.0	0.0	0.0	6.5	0.0	0.0	0.1
1095	638960.83	4873695.49	324.23	0	DEN	500	41.2	21.7	0.0	0.0	0.0	48.9	0.2	-0.7	0.0	0.0	11.2	0.0	0.0	3.4
1095	638960.83	4873695.49	324.23	0	DEN	1000	47.4	21.7	0.0	0.0	0.0	48.9	0.3	-1.1	0.0	0.0	13.9	0.0	0.0	7.1
1095	638960.83	4873695.49	324.23	0	DEN	2000	46.6	21.7	0.0	0.0	0.0	48.9	0.8	-1.1	0.0	0.0	16.6	0.0	0.0	3.2
1095	638960.83	4873695.49	324.23	0	DEN	4000	42.4	21.7	0.0	0.0	0.0	48.9	2.6	-1.1	0.0	0.0	19.4	0.0	0.0	-5.6
1095	638960.83	4873695.49	324.23	0	DEN	8000	39.3	21.7	0.0	0.0	0.0	48.9	9.2	-1.1	0.0	0.0	21.1	0.0	0.0	-17.0
1102	638942.54	4873679.29	324.23	0	DEN	32	16.0	24.8	0.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-15.6
1102	638942.54	4873679.29	324.23	0	DEN	63	24.2	24.8	0.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-7.7
1102	638942.54	4873679.29	324.23	0	DEN	125	30.3	24.8	0.0	0.0	0.0	51.2	0.0	0.9	0.0	0.0	5.1	0.0	0.0	-2.2
1102	638942.54	4873679.29	324.23	0	DEN	250	35.8	24.8	0.0	0.0	0.0	51.2	0.1	1.5	0.0	0.0	5.4	0.0	0.0	2.2
1102	638942.54	4873679.29	324.23	0	DEN	500	41.2	24.8	0.0	0.0	0.0	51.2	0.2	-1.0	0.0	0.0	9.4	0.0	0.0	6.1
1102	638942.54	4873679.29	324.23	0	DEN	1000	47.4	24.8	0.0	0.0	0.0	51.2	0.4	-1.3	0.0	0.0	11.7	0.0	0.0	10.2
1102	638942.54	4873679.29	324.23	0	DEN	2000	46.6	24.8	0.0	0.0	0.0	51.2	1.0	-1.3	0.0	0.0	14.1	0.0	0.0	6.4
1102	638942.54	4873679.29	324.23	0	DEN	4000	42.4	24.8	0.0	0.0	0.0	51.2	3.4	-1.3	0.0	0.0	16.7	0.0	0.0	-2.8
1102	638942.54	4873679.29	324.23	0	DEN	8000	39.3	24.8	0.0	0.0	0.0	51.2	12.0	-1.3	0.0	0.0	19.5	0.0	0.0	-17.4
1105	638930.02	4873670.02	324.25	0	DEN	32	16.0	24.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-16.7
1105	638930.02	4873670.02	324.25	0	DEN	63	24.2	24.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-8.8
1105	638930.02	4873670.02	324.25	0	DEN	125	30.3	24.8	0.0	0.0	0.0	52.4	0.0	0.9	0.0	0.0	4.8	0.0	0.0	-3.1
1105	638930.02	4873670.02	324.25	0	DEN	250	35.8	24.8	0.0	0.0	0.0	52.4	0.1	1.6	0.0	0.0	4.9	0.0	0.0	1.5
1105	638930.02	4873670.02	324.25	0	DEN	500	41.2	24.8	0.0	0.0	0.0	52.4	0.2	-1.0	0.0	0.0	8.7	0.0	0.0	5.6
1105	638930.02	4873670.02	324.25	0	DEN	1000	47.4	24.8	0.0	0.0	0.0	52.4	0.4	-1.4	0.0	0.0	10.7	0.0	0.0	9.9
1105	638930.02	4873670.02	324.25	0	DEN	2000	46.6	24.8	0.0	0.0	0.0	52.4	1.1	-1.4	0.0	0.0	12.9	0.0	0.0	6.2
1105	638930.02	4873670.02	324.25	0	DEN	4000	42.4	24.8	0.0	0.0	0.0	52.4	3.9	-1.4	0.0	0.0	15.4	0.0	0.0	-3.2
1105	638930.02	4873670.02	324.25	0	DEN	8000	39.3	24.8	0.0	0.0	0.0	52.4	13.8	-1.4	0.0	0.0	18.2	0.0	0.0	-19.0
1117	638920.44	4873647.03	324.00	0	DEN	32	16.0	24.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-18.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1117	638920.44	4873647.03	324.00	0	DEN	63	24.2	24.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-10.2
1117	638920.44	4873647.03	324.00	0	DEN	125	30.3	24.8	0.0	0.0	0.0	54.0	0.1	1.0	0.0	0.0	4.4	0.0	0.0	-4.4
1117	638920.44	4873647.03	324.00	0	DEN	250	35.8	24.8	0.0	0.0	0.0	54.0	0.1	1.7	0.0	0.0	4.2	0.0	0.0	0.5
1117	638920.44	4873647.03	324.00	0	DEN	500	41.2	24.8	0.0	0.0	0.0	54.0	0.3	-1.0	0.0	0.0	7.8	0.0	0.0	4.9
1117	638920.44	4873647.03	324.00	0	DEN	1000	47.4	24.8	0.0	0.0	0.0	54.0	0.5	-1.4	0.0	0.0	9.5	0.0	0.0	9.5
1117	638920.44	4873647.03	324.00	0	DEN	2000	46.6	24.8	0.0	0.0	0.0	54.0	1.4	-1.4	0.0	0.0	11.4	0.0	0.0	6.0
1117	638920.44	4873647.03	324.00	0	DEN	4000	42.4	24.8	0.0	0.0	0.0	54.0	4.6	-1.4	0.0	0.0	13.7	0.0	0.0	-3.8
1117	638920.44	4873647.03	324.00	0	DEN	8000	39.3	24.8	0.0	0.0	0.0	54.0	16.5	-1.4	0.0	0.0	16.3	0.0	0.0	-21.4
1120	638958.33	4873724.10	324.77	0	DEN	32	16.0	21.7	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-15.1
1120	638958.33	4873724.10	324.77	0	DEN	63	24.2	21.7	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-7.8
1120	638958.33	4873724.10	324.77	0	DEN	125	30.3	21.7	0.0	0.0	0.0	46.9	0.0	1.0	0.0	0.0	7.2	0.0	0.0	-3.1
1120	638958.33	4873724.10	324.77	0	DEN	250	35.8	21.7	0.0	0.0	0.0	46.9	0.1	1.8	0.0	0.0	8.2	0.0	0.0	0.5
1120	638958.33	4873724.10	324.77	0	DEN	500	41.2	21.7	0.0	0.0	0.0	46.9	0.1	-0.7	0.0	0.0	13.0	0.0	0.0	3.6
1120	638958.33	4873724.10	324.77	0	DEN	1000	47.4	21.7	0.0	0.0	0.0	46.9	0.2	-1.1	0.0	0.0	16.0	0.0	0.0	7.0
1120	638958.33	4873724.10	324.77	0	DEN	2000	46.6	21.7	0.0	0.0	0.0	46.9	0.6	-1.1	0.0	0.0	18.8	0.0	0.0	3.1
1120	638958.33	4873724.10	324.77	0	DEN	4000	42.4	21.7	0.0	0.0	0.0	46.9	2.1	-1.1	0.0	0.0	21.1	0.0	0.0	-4.9
1120	638958.33	4873724.10	324.77	0	DEN	8000	39.3	21.7	0.0	0.0	0.0	46.9	7.3	-1.1	0.0	0.0	21.1	0.0	0.0	-13.2
1129	638967.04	4873717.31	324.52	0	DEN	32	16.0	21.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-14.8
1129	638967.04	4873717.31	324.52	0	DEN	63	24.2	21.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-7.7
1129	638967.04	4873717.31	324.52	0	DEN	125	30.3	21.7	0.0	0.0	0.0	46.4	0.0	0.8	0.0	0.0	7.9	0.0	0.0	-3.1
1129	638967.04	4873717.31	324.52	0	DEN	250	35.8	21.7	0.0	0.0	0.0	46.4	0.1	1.6	0.0	0.0	9.1	0.0	0.0	0.3
1129	638967.04	4873717.31	324.52	0	DEN	500	41.2	21.7	0.0	0.0	0.0	46.4	0.1	-0.8	0.0	0.0	13.9	0.0	0.0	3.2
1129	638967.04	4873717.31	324.52	0	DEN	1000	47.4	21.7	0.0	0.0	0.0	46.4	0.2	-1.1	0.0	0.0	17.0	0.0	0.0	6.6
1129	638967.04	4873717.31	324.52	0	DEN	2000	46.6	21.7	0.0	0.0	0.0	46.4	0.6	-1.1	0.0	0.0	19.8	0.0	0.0	2.6
1129	638967.04	4873717.31	324.52	0	DEN	4000	42.4	21.7	0.0	0.0	0.0	46.4	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-4.2
1129	638967.04	4873717.31	324.52	0	DEN	8000	39.3	21.7	0.0	0.0	0.0	46.4	6.9	-1.1	0.0	0.0	21.1	0.0	0.0	-12.3
1132	638956.38	4873733.25	324.96	0	DEN	32	16.0	21.7	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-14.9
1132	638956.38	4873733.25	324.96	0	DEN	63	24.2	21.7	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-7.6
1132	638956.38	4873733.25	324.96	0	DEN	125	30.3	21.7	0.0	0.0	0.0	46.7	0.0	0.9	0.0	0.0	7.4	0.0	0.0	-2.9
1132	638956.38	4873733.25	324.96	0	DEN	250	35.8	21.7	0.0	0.0	0.0	46.7	0.1	1.7	0.0	0.0	8.4	0.0	0.0	0.6
1132	638956.38	4873733.25	324.96	0	DEN	500	41.2	21.7	0.0	0.0	0.0	46.7	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	3.6
1132	638956.38	4873733.25	324.96	0	DEN	1000	47.4	21.7	0.0	0.0	0.0	46.7	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	7.1
1132	638956.38	4873733.25	324.96	0	DEN	2000	46.6	21.7	0.0	0.0	0.0	46.7	0.6	-1.1	0.0	0.0	19.0	0.0	0.0	3.1
1132	638956.38	4873733.25	324.96	0	DEN	4000	42.4	21.7	0.0	0.0	0.0	46.7	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	-4.5
1132	638956.38	4873733.25	324.96	0	DEN	8000	39.3	21.7	0.0	0.0	0.0	46.7	7.1	-1.1	0.0	0.0	21.1	0.0	0.0	-12.8
1135	638962.15	4873740.17	324.99	0	DEN	32	16.0	18.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-17.1
1135	638962.15	4873740.17	324.99	0	DEN	63	24.2	18.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-10.1
1135	638962.15	4873740.17	324.99	0	DEN	125	30.3	18.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.3	0.0	0.0	-5.6
1135	638962.15	4873740.17	324.99	0	DEN	250	35.8	18.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.6	0.0	0.0	-2.3
1135	638962.15	4873740.17	324.99	0	DEN	500	41.2	18.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.4	0.0	0.0	0.6
1135	638962.15	4873740.17	324.99	0	DEN	1000	47.4	18.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.5	0.0	0.0	4.0
1135	638962.15	4873740.17	324.99	0	DEN	2000	46.6	18.7	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-0.0
1135	638962.15	4873740.17	324.99	0	DEN	4000	42.4	18.7	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-6.2
1135	638962.15	4873740.17	324.99	0	DEN	8000	39.3	18.7	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-13.7
1139	638960.19	4873749.32	325.18	0	DEN	32	16.0	18.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-17.1
1139	638960.19	4873749.32	325.18	0	DEN	63	24.2	18.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-10.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1139	638960.19	4873749.32	325.18	0	DEN	125	30.3	18.7	0.0	0.0	0.0	45.6	0.0	0.7	0.0	0.0	8.2	0.0	0.0	-5.4
1139	638960.19	4873749.32	325.18	0	DEN	250	35.8	18.7	0.0	0.0	0.0	45.6	0.1	1.5	0.0	0.0	9.4	0.0	0.0	-2.0
1139	638960.19	4873749.32	325.18	0	DEN	500	41.2	18.7	0.0	0.0	0.0	45.6	0.1	-0.8	0.0	0.0	14.1	0.0	0.0	0.9
1139	638960.19	4873749.32	325.18	0	DEN	1000	47.4	18.7	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.1	0.0	0.0	4.3
1139	638960.19	4873749.32	325.18	0	DEN	2000	46.6	18.7	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.0	0.0	0.0	0.3
1139	638960.19	4873749.32	325.18	0	DEN	4000	42.4	18.7	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-6.2
1139	638960.19	4873749.32	325.18	0	DEN	8000	39.3	18.7	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-13.9
1155	638957.90	4873709.21	324.52	0	DEN	32	16.0	24.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-12.9
1155	638957.90	4873709.21	324.52	0	DEN	63	24.2	24.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-5.4
1155	638957.90	4873709.21	324.52	0	DEN	125	30.3	24.8	0.0	0.0	0.0	48.0	0.0	0.9	0.0	0.0	6.6	0.0	0.0	-0.5
1155	638957.90	4873709.21	324.52	0	DEN	250	35.8	24.8	0.0	0.0	0.0	48.0	0.1	1.7	0.0	0.0	7.3	0.0	0.0	3.4
1155	638957.90	4873709.21	324.52	0	DEN	500	41.2	24.8	0.0	0.0	0.0	48.0	0.1	-0.8	0.0	0.0	12.0	0.0	0.0	6.6
1155	638957.90	4873709.21	324.52	0	DEN	1000	47.4	24.8	0.0	0.0	0.0	48.0	0.3	-1.2	0.0	0.0	14.8	0.0	0.0	10.2
1155	638957.90	4873709.21	324.52	0	DEN	2000	46.6	24.8	0.0	0.0	0.0	48.0	0.7	-1.2	0.0	0.0	17.6	0.0	0.0	6.2
1155	638957.90	4873709.21	324.52	0	DEN	4000	42.4	24.8	0.0	0.0	0.0	48.0	2.3	-1.2	0.0	0.0	20.4	0.0	0.0	-2.5
1155	638957.90	4873709.21	324.52	0	DEN	8000	39.3	24.8	0.0	0.0	0.0	48.0	8.3	-1.2	0.0	0.0	21.2	0.0	0.0	-12.3
1162	638944.40	4873704.51	324.64	0	DEN	32	16.0	24.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-14.2
1162	638944.40	4873704.51	324.64	0	DEN	63	24.2	24.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-6.5
1162	638944.40	4873704.51	324.64	0	DEN	125	30.3	24.8	0.0	0.0	0.0	49.6	0.0	0.8	0.0	0.0	5.9	0.0	0.0	-1.2
1162	638944.40	4873704.51	324.64	0	DEN	250	35.8	24.8	0.0	0.0	0.0	49.6	0.1	1.5	0.0	0.0	6.5	0.0	0.0	2.9
1162	638944.40	4873704.51	324.64	0	DEN	500	41.2	24.8	0.0	0.0	0.0	49.6	0.2	-1.0	0.0	0.0	10.8	0.0	0.0	6.4
1162	638944.40	4873704.51	324.64	0	DEN	1000	47.4	24.8	0.0	0.0	0.0	49.6	0.3	-1.3	0.0	0.0	13.4	0.0	0.0	10.2
1162	638944.40	4873704.51	324.64	0	DEN	2000	46.6	24.8	0.0	0.0	0.0	49.6	0.8	-1.3	0.0	0.0	16.0	0.0	0.0	6.3
1162	638944.40	4873704.51	324.64	0	DEN	4000	42.4	24.8	0.0	0.0	0.0	49.6	2.8	-1.3	0.0	0.0	18.8	0.0	0.0	-2.6
1162	638944.40	4873704.51	324.64	0	DEN	8000	39.3	24.8	0.0	0.0	0.0	49.6	9.9	-1.3	0.0	0.0	21.3	0.0	0.0	-15.4
1165	638864.57	4873805.60	327.59	0	DEN	32	16.0	32.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-11.2
1165	638864.57	4873805.60	327.59	0	DEN	63	24.2	32.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-3.1
1165	638864.57	4873805.60	327.59	0	DEN	125	30.3	32.6	0.0	0.0	0.0	55.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	2.8
1165	638864.57	4873805.60	327.59	0	DEN	250	35.8	32.6	0.0	0.0	0.0	55.0	0.2	1.7	0.0	0.0	3.7	0.0	0.0	7.9
1165	638864.57	4873805.60	327.59	0	DEN	500	41.2	32.6	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	7.0	0.0	0.0	12.6
1165	638864.57	4873805.60	327.59	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	55.0	0.6	-1.4	0.0	0.0	8.2	0.0	0.0	17.6
1165	638864.57	4873805.60	327.59	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	55.0	1.5	-1.4	0.0	0.0	9.6	0.0	0.0	14.5
1165	638864.57	4873805.60	327.59	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	55.0	5.2	-1.4	0.0	0.0	11.5	0.0	0.0	4.7
1165	638864.57	4873805.60	327.59	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	55.0	18.5	-1.4	0.0	0.0	13.9	0.0	0.0	-14.0
1168	638887.47	4873780.12	326.81	0	DEN	32	16.0	29.6	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-12.6
1168	638887.47	4873780.12	326.81	0	DEN	63	24.2	29.6	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-4.5
1168	638887.47	4873780.12	326.81	0	DEN	125	30.3	29.6	0.0	0.0	0.0	53.2	0.1	0.9	0.0	0.0	4.5	0.0	0.0	1.3
1168	638887.47	4873780.12	326.81	0	DEN	250	35.8	29.6	0.0	0.0	0.0	53.2	0.1	1.6	0.0	0.0	4.3	0.0	0.0	6.2
1168	638887.47	4873780.12	326.81	0	DEN	500	41.2	29.6	0.0	0.0	0.0	53.2	0.2	-1.0	0.0	0.0	7.8	0.0	0.0	10.6
1168	638887.47	4873780.12	326.81	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	53.2	0.5	-1.4	0.0	0.0	9.5	0.0	0.0	15.2
1168	638887.47	4873780.12	326.81	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	53.2	1.2	-1.4	0.0	0.0	11.4	0.0	0.0	11.7
1168	638887.47	4873780.12	326.81	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	53.2	4.2	-1.4	0.0	0.0	13.7	0.0	0.0	2.2
1168	638887.47	4873780.12	326.81	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	53.2	15.1	-1.4	0.0	0.0	16.3	0.0	0.0	-14.3
1170	638913.09	4873782.62	326.47	0	DEN	32	16.0	26.6	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-13.8
1170	638913.09	4873782.62	326.47	0	DEN	63	24.2	26.6	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-5.9
1170	638913.09	4873782.62	326.47	0	DEN	125	30.3	26.6	0.0	0.0	0.0	51.4	0.0	0.8	0.0	0.0	4.9	0.0	0.0	-0.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1170	638913.09	4873782.62	326.47	0	DEN	250	35.8	26.6	0.0	0.0	0.0	51.4	0.1	1.5	0.0	0.0	4.9	0.0	0.0	4.4
1170	638913.09	4873782.62	326.47	0	DEN	500	41.2	26.6	0.0	0.0	0.0	51.4	0.2	-1.0	0.0	0.0	8.6	0.0	0.0	8.6
1170	638913.09	4873782.62	326.47	0	DEN	1000	47.4	26.6	0.0	0.0	0.0	51.4	0.4	-1.4	0.0	0.0	10.7	0.0	0.0	12.9
1170	638913.09	4873782.62	326.47	0	DEN	2000	46.6	26.6	0.0	0.0	0.0	51.4	1.0	-1.4	0.0	0.0	12.9	0.0	0.0	9.3
1170	638913.09	4873782.62	326.47	0	DEN	4000	42.4	26.6	0.0	0.0	0.0	51.4	3.4	-1.4	0.0	0.0	15.4	0.0	0.0	0.1
1170	638913.09	4873782.62	326.47	0	DEN	8000	39.3	26.6	0.0	0.0	0.0	51.4	12.3	-1.4	0.0	0.0	18.1	0.0	0.0	-14.5
1172	638924.54	4873769.88	326.07	0	DEN	32	16.0	23.6	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-15.7
1172	638924.54	4873769.88	326.07	0	DEN	63	24.2	23.6	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-7.9
1172	638924.54	4873769.88	326.07	0	DEN	125	30.3	23.6	0.0	0.0	0.0	50.2	0.0	0.8	0.0	0.0	5.3	0.0	0.0	-2.4
1172	638924.54	4873769.88	326.07	0	DEN	250	35.8	23.6	0.0	0.0	0.0	50.2	0.1	1.5	0.0	0.0	5.6	0.0	0.0	2.1
1172	638924.54	4873769.88	326.07	0	DEN	500	41.2	23.6	0.0	0.0	0.0	50.2	0.2	-1.0	0.0	0.0	9.5	0.0	0.0	5.9
1172	638924.54	4873769.88	326.07	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	50.2	0.3	-1.3	0.0	0.0	11.9	0.0	0.0	9.9
1172	638924.54	4873769.88	326.07	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	50.2	0.9	-1.3	0.0	0.0	14.3	0.0	0.0	6.2
1172	638924.54	4873769.88	326.07	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	50.2	3.0	-1.3	0.0	0.0	16.9	0.0	0.0	-2.8
1172	638924.54	4873769.88	326.07	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	50.2	10.6	-1.3	0.0	0.0	19.8	0.0	0.0	-16.3
1175	638937.35	4873771.13	325.90	0	DEN	32	16.0	20.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-17.6
1175	638937.35	4873771.13	325.90	0	DEN	63	24.2	20.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-9.9
1175	638937.35	4873771.13	325.90	0	DEN	125	30.3	20.6	0.0	0.0	0.0	48.9	0.0	1.0	0.0	0.0	5.5	0.0	0.0	-4.6
1175	638937.35	4873771.13	325.90	0	DEN	250	35.8	20.6	0.0	0.0	0.0	48.9	0.1	1.9	0.0	0.0	5.9	0.0	0.0	-0.4
1175	638937.35	4873771.13	325.90	0	DEN	500	41.2	20.6	0.0	0.0	0.0	48.9	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	3.2
1175	638937.35	4873771.13	325.90	0	DEN	1000	47.4	20.6	0.0	0.0	0.0	48.9	0.3	-1.2	0.0	0.0	12.9	0.0	0.0	7.1
1175	638937.35	4873771.13	325.90	0	DEN	2000	46.6	20.6	0.0	0.0	0.0	48.9	0.8	-1.2	0.0	0.0	15.4	0.0	0.0	3.3
1175	638937.35	4873771.13	325.90	0	DEN	4000	42.4	20.6	0.0	0.0	0.0	48.9	2.6	-1.2	0.0	0.0	18.2	0.0	0.0	-5.5
1175	638937.35	4873771.13	325.90	0	DEN	8000	39.3	20.6	0.0	0.0	0.0	48.9	9.2	-1.2	0.0	0.0	21.1	0.0	0.0	-18.1
1178	638947.55	4873764.20	325.63	0	DEN	32	16.0	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-16.5
1178	638947.55	4873764.20	325.63	0	DEN	63	24.2	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-9.0
1178	638947.55	4873764.20	325.63	0	DEN	125	30.3	20.6	0.0	0.0	0.0	47.5	0.0	0.9	0.0	0.0	6.3	0.0	0.0	-3.9
1178	638947.55	4873764.20	325.63	0	DEN	250	35.8	20.6	0.0	0.0	0.0	47.5	0.1	1.8	0.0	0.0	7.0	0.0	0.0	-0.0
1178	638947.55	4873764.20	325.63	0	DEN	500	41.2	20.6	0.0	0.0	0.0	47.5	0.1	-0.7	0.0	0.0	11.6	0.0	0.0	3.3
1178	638947.55	4873764.20	325.63	0	DEN	1000	47.4	20.6	0.0	0.0	0.0	47.5	0.2	-1.1	0.0	0.0	14.4	0.0	0.0	6.9
1178	638947.55	4873764.20	325.63	0	DEN	2000	46.6	20.6	0.0	0.0	0.0	47.5	0.6	-1.1	0.0	0.0	17.1	0.0	0.0	3.0
1178	638947.55	4873764.20	325.63	0	DEN	4000	42.4	20.6	0.0	0.0	0.0	47.5	2.2	-1.1	0.0	0.0	19.9	0.0	0.0	-5.6
1178	638947.55	4873764.20	325.63	0	DEN	8000	39.3	20.6	0.0	0.0	0.0	47.5	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-15.5
1181	638828.75	4873810.02	328.21	0	DEN	32	16.0	32.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-13.0
1181	638828.75	4873810.02	328.21	0	DEN	63	24.2	32.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-4.8
1181	638828.75	4873810.02	328.21	0	DEN	125	30.3	32.6	0.0	0.0	0.0	56.7	0.1	1.1	0.0	0.0	3.9	0.0	0.0	1.1
1181	638828.75	4873810.02	328.21	0	DEN	250	35.8	32.6	0.0	0.0	0.0	56.7	0.2	1.8	0.0	0.0	3.4	0.0	0.0	6.3
1181	638828.75	4873810.02	328.21	0	DEN	500	41.2	32.6	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	6.5	0.0	0.0	11.2
1181	638828.75	4873810.02	328.21	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	7.4	0.0	0.0	16.5
1181	638828.75	4873810.02	328.21	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	8.4	0.0	0.0	13.6
1181	638828.75	4873810.02	328.21	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	9.9	0.0	0.0	3.4
1181	638828.75	4873810.02	328.21	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	56.7	22.6	-1.4	0.0	0.0	11.9	0.0	0.0	-17.9
1185	638797.91	4873791.18	328.34	0	DEN	32	16.0	32.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-14.0
1185	638797.91	4873791.18	328.34	0	DEN	63	24.2	32.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	8.0	0.0	0.0	-5.9
1185	638797.91	4873791.18	328.34	0	DEN	125	30.3	32.6	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	3.8	0.0	0.0	0.1
1185	638797.91	4873791.18	328.34	0	DEN	250	35.8	32.6	0.0	0.0	0.0	57.8	0.2	1.7	0.0	0.0	3.4	0.0	0.0	5.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1185	638797.91	4873791.18	328.34	0	DEN	500	41.2	32.6	0.0	0.0	0.0	57.8	0.4	-1.1	0.0	0.0	6.4	0.0	0.0	10.2
1185	638797.91	4873791.18	328.34	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	7.4	0.0	0.0	15.5
1185	638797.91	4873791.18	328.34	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	8.3	0.0	0.0	12.5
1185	638797.91	4873791.18	328.34	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	9.6	0.0	0.0	1.9
1185	638797.91	4873791.18	328.34	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	57.8	25.6	-1.5	0.0	0.0	11.5	0.0	0.0	-21.6
1193	638900.63	4873840.79	327.66	0	DEN	32	16.0	29.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-13.4
1193	638900.63	4873840.79	327.66	0	DEN	63	24.2	29.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-5.3
1193	638900.63	4873840.79	327.66	0	DEN	125	30.3	29.6	0.0	0.0	0.0	54.1	0.1	1.0	0.0	0.0	4.2	0.0	0.0	0.6
1193	638900.63	4873840.79	327.66	0	DEN	250	35.8	29.6	0.0	0.0	0.0	54.1	0.1	1.7	0.0	0.0	3.8	0.0	0.0	5.6
1193	638900.63	4873840.79	327.66	0	DEN	500	41.2	29.6	0.0	0.0	0.0	54.1	0.3	-1.0	0.0	0.0	7.2	0.0	0.0	10.3
1193	638900.63	4873840.79	327.66	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	54.1	0.5	-1.4	0.0	0.0	8.6	0.0	0.0	15.2
1193	638900.63	4873840.79	327.66	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	54.1	1.4	-1.4	0.0	0.0	10.1	0.0	0.0	12.0
1193	638900.63	4873840.79	327.66	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	54.1	4.7	-1.4	0.0	0.0	12.1	0.0	0.0	2.4
1193	638900.63	4873840.79	327.66	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	54.1	16.7	-1.4	0.0	0.0	14.6	0.0	0.0	-15.1
1197	638911.07	4873873.49	328.07	0	DEN	32	16.0	29.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-14.2
1197	638911.07	4873873.49	328.07	0	DEN	63	24.2	29.6	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-6.1
1197	638911.07	4873873.49	328.07	0	DEN	125	30.3	29.6	0.0	0.0	0.0	55.0	0.1	1.2	0.0	0.0	3.9	0.0	0.0	-0.2
1197	638911.07	4873873.49	328.07	0	DEN	250	35.8	29.6	0.0	0.0	0.0	55.0	0.2	1.8	0.0	0.0	3.5	0.0	0.0	4.9
1197	638911.07	4873873.49	328.07	0	DEN	500	41.2	29.6	0.0	0.0	0.0	55.0	0.3	-1.0	0.0	0.0	6.8	0.0	0.0	9.7
1197	638911.07	4873873.49	328.07	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	55.0	0.6	-1.3	0.0	0.0	8.0	0.0	0.0	14.8
1197	638911.07	4873873.49	328.07	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	55.0	1.5	-1.3	0.0	0.0	9.3	0.0	0.0	11.7
1197	638911.07	4873873.49	328.07	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	55.0	5.2	-1.3	0.0	0.0	11.1	0.0	0.0	2.0
1197	638911.07	4873873.49	328.07	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	55.0	18.5	-1.3	0.0	0.0	13.4	0.0	0.0	-16.6
1200	638875.01	4873838.29	328.00	0	DEN	32	16.0	32.6	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-11.5
1200	638875.01	4873838.29	328.00	0	DEN	63	24.2	32.6	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-3.3
1200	638875.01	4873838.29	328.00	0	DEN	125	30.3	32.6	0.0	0.0	0.0	55.2	0.1	1.1	0.0	0.0	3.9	0.0	0.0	2.6
1200	638875.01	4873838.29	328.00	0	DEN	250	35.8	32.6	0.0	0.0	0.0	55.2	0.2	1.8	0.0	0.0	3.5	0.0	0.0	7.7
1200	638875.01	4873838.29	328.00	0	DEN	500	41.2	32.6	0.0	0.0	0.0	55.2	0.3	-1.0	0.0	0.0	6.7	0.0	0.0	12.5
1200	638875.01	4873838.29	328.00	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	55.2	0.6	-1.4	0.0	0.0	7.9	0.0	0.0	17.7
1200	638875.01	4873838.29	328.00	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	55.2	1.6	-1.4	0.0	0.0	9.1	0.0	0.0	14.7
1200	638875.01	4873838.29	328.00	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	55.2	5.3	-1.4	0.0	0.0	10.9	0.0	0.0	5.0
1200	638875.01	4873838.29	328.00	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	55.2	19.0	-1.4	0.0	0.0	13.1	0.0	0.0	-14.0
1203	638921.03	4873826.95	327.12	0	DEN	32	16.0	29.6	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-11.8
1203	638921.03	4873826.95	327.12	0	DEN	63	24.2	29.6	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-3.8
1203	638921.03	4873826.95	327.12	0	DEN	125	30.3	29.6	0.0	0.0	0.0	52.5	0.0	0.9	0.0	0.0	4.6	0.0	0.0	1.9
1203	638921.03	4873826.95	327.12	0	DEN	250	35.8	29.6	0.0	0.0	0.0	52.5	0.1	1.6	0.0	0.0	4.5	0.0	0.0	6.7
1203	638921.03	4873826.95	327.12	0	DEN	500	41.2	29.6	0.0	0.0	0.0	52.5	0.2	-1.0	0.0	0.0	8.1	0.0	0.0	11.0
1203	638921.03	4873826.95	327.12	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	52.5	0.4	-1.4	0.0	0.0	10.0	0.0	0.0	15.5
1203	638921.03	4873826.95	327.12	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	52.5	1.1	-1.4	0.0	0.0	12.0	0.0	0.0	11.9
1203	638921.03	4873826.95	327.12	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	52.5	3.9	-1.4	0.0	0.0	14.4	0.0	0.0	2.6
1203	638921.03	4873826.95	327.12	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	52.5	13.8	-1.4	0.0	0.0	17.1	0.0	0.0	-13.2
1216	638933.96	4873848.00	327.29	0	DEN	32	16.0	26.6	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-15.3
1216	638933.96	4873848.00	327.29	0	DEN	63	24.2	26.6	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-7.3
1216	638933.96	4873848.00	327.29	0	DEN	125	30.3	26.6	0.0	0.0	0.0	52.9	0.1	1.1	0.0	0.0	4.5	0.0	0.0	-1.6
1216	638933.96	4873848.00	327.29	0	DEN	250	35.8	26.6	0.0	0.0	0.0	52.9	0.1	1.7	0.0	0.0	4.6	0.0	0.0	3.1
1216	638933.96	4873848.00	327.29	0	DEN	500	41.2	26.6	0.0	0.0	0.0	52.9	0.2	-1.0	0.0	0.0	8.4	0.0	0.0	7.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1216	638933.96	4873848.00	327.29	0	DEN	1000	47.4	26.6	0.0	0.0	0.0	52.9	0.5	-1.3	0.0	0.0	10.4	0.0	0.0	11.6
1216	638933.96	4873848.00	327.29	0	DEN	2000	46.6	26.6	0.0	0.0	0.0	52.9	1.2	-1.3	0.0	0.0	12.5	0.0	0.0	8.0
1216	638933.96	4873848.00	327.29	0	DEN	4000	42.4	26.6	0.0	0.0	0.0	52.9	4.1	-1.3	0.0	0.0	15.0	0.0	0.0	-1.6
1216	638933.96	4873848.00	327.29	0	DEN	8000	39.3	26.6	0.0	0.0	0.0	52.9	14.5	-1.3	0.0	0.0	17.7	0.0	0.0	-17.8
1222	638928.98	4873871.27	327.77	0	DEN	32	16.0	26.6	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-16.6
1222	638928.98	4873871.27	327.77	0	DEN	63	24.2	26.6	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-8.5
1222	638928.98	4873871.27	327.77	0	DEN	125	30.3	26.6	0.0	0.0	0.0	54.2	0.1	1.3	0.0	0.0	4.0	0.0	0.0	-2.7
1222	638928.98	4873871.27	327.77	0	DEN	250	35.8	26.6	0.0	0.0	0.0	54.2	0.2	1.9	0.0	0.0	3.9	0.0	0.0	2.2
1222	638928.98	4873871.27	327.77	0	DEN	500	41.2	26.6	0.0	0.0	0.0	54.2	0.3	-0.9	0.0	0.0	7.5	0.0	0.0	6.6
1222	638928.98	4873871.27	327.77	0	DEN	1000	47.4	26.6	0.0	0.0	0.0	54.2	0.5	-1.3	0.0	0.0	9.2	0.0	0.0	11.3
1222	638928.98	4873871.27	327.77	0	DEN	2000	46.6	26.6	0.0	0.0	0.0	54.2	1.4	-1.3	0.0	0.0	11.0	0.0	0.0	7.8
1222	638928.98	4873871.27	327.77	0	DEN	4000	42.4	26.6	0.0	0.0	0.0	54.2	4.8	-1.3	0.0	0.0	13.2	0.0	0.0	-2.0
1222	638928.98	4873871.27	327.77	0	DEN	8000	39.3	26.6	0.0	0.0	0.0	54.2	17.0	-1.3	0.0	0.0	15.8	0.0	0.0	-19.9
1231	638931.12	4873800.22	326.50	0	DEN	32	16.0	23.6	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-16.1
1231	638931.12	4873800.22	326.50	0	DEN	63	24.2	23.6	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-8.2
1231	638931.12	4873800.22	326.50	0	DEN	125	30.3	23.6	0.0	0.0	0.0	50.6	0.0	0.9	0.0	0.0	5.1	0.0	0.0	-2.7
1231	638931.12	4873800.22	326.50	0	DEN	250	35.8	23.6	0.0	0.0	0.0	50.6	0.1	1.6	0.0	0.0	5.3	0.0	0.0	1.8
1231	638931.12	4873800.22	326.50	0	DEN	500	41.2	23.6	0.0	0.0	0.0	50.6	0.2	-0.9	0.0	0.0	9.3	0.0	0.0	5.7
1231	638931.12	4873800.22	326.50	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	50.6	0.3	-1.3	0.0	0.0	11.6	0.0	0.0	9.8
1231	638931.12	4873800.22	326.50	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	50.6	0.9	-1.3	0.0	0.0	13.9	0.0	0.0	6.0
1231	638931.12	4873800.22	326.50	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	50.6	3.1	-1.3	0.0	0.0	16.6	0.0	0.0	-3.0
1231	638931.12	4873800.22	326.50	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	50.6	11.1	-1.3	0.0	0.0	19.4	0.0	0.0	-16.9
1239	638936.34	4873816.56	326.71	0	DEN	32	16.0	23.6	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-16.5
1239	638936.34	4873816.56	326.71	0	DEN	63	24.2	23.6	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-8.7
1239	638936.34	4873816.56	326.71	0	DEN	125	30.3	23.6	0.0	0.0	0.0	51.0	0.0	0.9	0.0	0.0	5.1	0.0	0.0	-3.2
1239	638936.34	4873816.56	326.71	0	DEN	250	35.8	23.6	0.0	0.0	0.0	51.0	0.1	1.5	0.0	0.0	5.5	0.0	0.0	1.3
1239	638936.34	4873816.56	326.71	0	DEN	500	41.2	23.6	0.0	0.0	0.0	51.0	0.2	-1.0	0.0	0.0	9.4	0.0	0.0	5.2
1239	638936.34	4873816.56	326.71	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	51.0	0.4	-1.3	0.0	0.0	11.7	0.0	0.0	9.3
1239	638936.34	4873816.56	326.71	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	51.0	1.0	-1.3	0.0	0.0	14.1	0.0	0.0	5.5
1239	638936.34	4873816.56	326.71	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	51.0	3.3	-1.3	0.0	0.0	16.7	0.0	0.0	-3.7
1239	638936.34	4873816.56	326.71	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	51.0	11.7	-1.3	0.0	0.0	19.5	0.0	0.0	-18.0
1246	638918.31	4873798.97	326.67	0	DEN	32	16.0	26.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-13.9
1246	638918.31	4873798.97	326.67	0	DEN	63	24.2	26.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-6.0
1246	638918.31	4873798.97	326.67	0	DEN	125	30.3	26.6	0.0	0.0	0.0	51.5	0.0	0.8	0.0	0.0	4.9	0.0	0.0	-0.3
1246	638918.31	4873798.97	326.67	0	DEN	250	35.8	26.6	0.0	0.0	0.0	51.5	0.1	1.5	0.0	0.0	4.9	0.0	0.0	4.4
1246	638918.31	4873798.97	326.67	0	DEN	500	41.2	26.6	0.0	0.0	0.0	51.5	0.2	-1.0	0.0	0.0	8.6	0.0	0.0	8.5
1246	638918.31	4873798.97	326.67	0	DEN	1000	47.4	26.6	0.0	0.0	0.0	51.5	0.4	-1.4	0.0	0.0	10.7	0.0	0.0	12.8
1246	638918.31	4873798.97	326.67	0	DEN	2000	46.6	26.6	0.0	0.0	0.0	51.5	1.0	-1.4	0.0	0.0	12.8	0.0	0.0	9.2
1246	638918.31	4873798.97	326.67	0	DEN	4000	42.4	26.6	0.0	0.0	0.0	51.5	3.5	-1.4	0.0	0.0	15.3	0.0	0.0	0.1
1246	638918.31	4873798.97	326.67	0	DEN	8000	39.3	26.6	0.0	0.0	0.0	51.5	12.4	-1.4	0.0	0.0	18.1	0.0	0.0	-14.7
1255	638941.32	4873793.29	326.23	0	DEN	32	16.0	23.6	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-15.1
1255	638941.32	4873793.29	326.23	0	DEN	63	24.2	23.6	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-7.3
1255	638941.32	4873793.29	326.23	0	DEN	125	30.3	23.6	0.0	0.0	0.0	49.4	0.0	1.1	0.0	0.0	5.4	0.0	0.0	-2.0
1255	638941.32	4873793.29	326.23	0	DEN	250	35.8	23.6	0.0	0.0	0.0	49.4	0.1	2.0	0.0	0.0	5.7	0.0	0.0	2.2
1255	638941.32	4873793.29	326.23	0	DEN	500	41.2	23.6	0.0	0.0	0.0	49.4	0.2	-0.8	0.0	0.0	10.2	0.0	0.0	5.8
1255	638941.32	4873793.29	326.23	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	49.4	0.3	-1.1	0.0	0.0	12.8	0.0	0.0	9.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1255	638941.32	4873793.29	326.23	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	49.4	0.8	-1.1	0.0	0.0	15.3	0.0	0.0	5.8
1255	638941.32	4873793.29	326.23	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	49.4	2.7	-1.1	0.0	0.0	18.1	0.0	0.0	-3.1
1255	638941.32	4873793.29	326.23	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	49.4	9.7	-1.1	0.0	0.0	21.0	0.0	0.0	-16.0
1264	638946.54	4873809.64	326.43	0	DEN	32	16.0	23.6	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-15.6
1264	638946.54	4873809.64	326.43	0	DEN	63	24.2	23.6	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-7.9
1264	638946.54	4873809.64	326.43	0	DEN	125	30.3	23.6	0.0	0.0	0.0	49.9	0.0	1.1	0.0	0.0	5.6	0.0	0.0	-2.7
1264	638946.54	4873809.64	326.43	0	DEN	250	35.8	23.6	0.0	0.0	0.0	49.9	0.1	1.9	0.0	0.0	6.1	0.0	0.0	1.5
1264	638946.54	4873809.64	326.43	0	DEN	500	41.2	23.6	0.0	0.0	0.0	49.9	0.2	-0.8	0.0	0.0	10.6	0.0	0.0	5.0
1264	638946.54	4873809.64	326.43	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	49.9	0.3	-1.2	0.0	0.0	13.2	0.0	0.0	8.7
1264	638946.54	4873809.64	326.43	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	49.9	0.8	-1.2	0.0	0.0	15.8	0.0	0.0	4.8
1264	638946.54	4873809.64	326.43	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	49.9	2.9	-1.2	0.0	0.0	18.6	0.0	0.0	-4.2
1264	638946.54	4873809.64	326.43	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	49.9	10.3	-1.2	0.0	0.0	21.2	0.0	0.0	-17.2
1273	638943.81	4873781.66	325.99	0	DEN	32	16.0	23.6	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-14.3
1273	638943.81	4873781.66	325.99	0	DEN	63	24.2	23.6	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-6.7
1273	638943.81	4873781.66	325.99	0	DEN	125	30.3	23.6	0.0	0.0	0.0	48.6	0.0	0.9	0.0	0.0	5.8	0.0	0.0	-1.5
1273	638943.81	4873781.66	325.99	0	DEN	250	35.8	23.6	0.0	0.0	0.0	48.6	0.1	1.8	0.0	0.0	6.3	0.0	0.0	2.6
1273	638943.81	4873781.66	325.99	0	DEN	500	41.2	23.6	0.0	0.0	0.0	48.6	0.1	-0.8	0.0	0.0	10.8	0.0	0.0	6.1
1273	638943.81	4873781.66	325.99	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	48.6	0.3	-1.2	0.0	0.0	13.4	0.0	0.0	9.9
1273	638943.81	4873781.66	325.99	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	48.6	0.7	-1.2	0.0	0.0	16.0	0.0	0.0	6.0
1273	638943.81	4873781.66	325.99	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	48.6	2.5	-1.2	0.0	0.0	18.8	0.0	0.0	-2.7
1273	638943.81	4873781.66	325.99	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	48.6	8.8	-1.2	0.0	0.0	21.2	0.0	0.0	-14.5
1283	638952.77	4873780.55	325.83	0	DEN	32	16.0	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-16.6
1283	638952.77	4873780.55	325.83	0	DEN	63	24.2	20.6	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-9.1
1283	638952.77	4873780.55	325.83	0	DEN	125	30.3	20.6	0.0	0.0	0.0	47.5	0.0	0.9	0.0	0.0	6.6	0.0	0.0	-4.2
1283	638952.77	4873780.55	325.83	0	DEN	250	35.8	20.6	0.0	0.0	0.0	47.5	0.1	1.8	0.0	0.0	7.4	0.0	0.0	-0.4
1283	638952.77	4873780.55	325.83	0	DEN	500	41.2	20.6	0.0	0.0	0.0	47.5	0.1	-0.8	0.0	0.0	12.1	0.0	0.0	2.8
1283	638952.77	4873780.55	325.83	0	DEN	1000	47.4	20.6	0.0	0.0	0.0	47.5	0.2	-1.1	0.0	0.0	15.0	0.0	0.0	6.4
1283	638952.77	4873780.55	325.83	0	DEN	2000	46.6	20.6	0.0	0.0	0.0	47.5	0.6	-1.1	0.0	0.0	17.7	0.0	0.0	2.4
1283	638952.77	4873780.55	325.83	0	DEN	4000	42.4	20.6	0.0	0.0	0.0	47.5	2.2	-1.1	0.0	0.0	20.6	0.0	0.0	-6.2
1283	638952.77	4873780.55	325.83	0	DEN	8000	39.3	20.6	0.0	0.0	0.0	47.5	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-15.5
1293	638955.26	4873768.92	325.59	0	DEN	32	16.0	20.6	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-15.9
1293	638955.26	4873768.92	325.59	0	DEN	63	24.2	20.6	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-8.5
1293	638955.26	4873768.92	325.59	0	DEN	125	30.3	20.6	0.0	0.0	0.0	46.6	0.0	0.9	0.0	0.0	7.0	0.0	0.0	-3.7
1293	638955.26	4873768.92	325.59	0	DEN	250	35.8	20.6	0.0	0.0	0.0	46.6	0.1	1.8	0.0	0.0	7.9	0.0	0.0	-0.0
1293	638955.26	4873768.92	325.59	0	DEN	500	41.2	20.6	0.0	0.0	0.0	46.6	0.1	-0.7	0.0	0.0	12.6	0.0	0.0	3.1
1293	638955.26	4873768.92	325.59	0	DEN	1000	47.4	20.6	0.0	0.0	0.0	46.6	0.2	-1.0	0.0	0.0	15.6	0.0	0.0	6.6
1293	638955.26	4873768.92	325.59	0	DEN	2000	46.6	20.6	0.0	0.0	0.0	46.6	0.6	-1.1	0.0	0.0	18.3	0.0	0.0	2.6
1293	638955.26	4873768.92	325.59	0	DEN	4000	42.4	20.6	0.0	0.0	0.0	46.6	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	-5.7
1293	638955.26	4873768.92	325.59	0	DEN	8000	39.3	20.6	0.0	0.0	0.0	46.6	7.1	-1.1	0.0	0.0	21.1	0.0	0.0	-13.9
1302	638772.52	4873828.29	329.37	0	DEN	32	16.0	35.6	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-12.2
1302	638772.52	4873828.29	329.37	0	DEN	63	24.2	35.6	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-4.1
1302	638772.52	4873828.29	329.37	0	DEN	125	30.3	35.6	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	1.9
1302	638772.52	4873828.29	329.37	0	DEN	250	35.8	35.6	0.0	0.0	0.0	59.0	0.3	1.5	0.0	0.0	3.4	0.0	0.0	7.2
1302	638772.52	4873828.29	329.37	0	DEN	500	41.2	35.6	0.0	0.0	0.0	59.0	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	12.2
1302	638772.52	4873828.29	329.37	0	DEN	1000	47.4	35.6	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	7.0	0.0	0.0	17.7
1302	638772.52	4873828.29	329.37	0	DEN	2000	46.6	35.6	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	7.5	0.0	0.0	14.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1302	638772.52	4873828.29	329.37	0	DEN	4000	42.4	35.6	0.0	0.0	0.0	59.0	8.3	-1.7	0.0	0.0	8.3	0.0	0.0	4.1
1302	638772.52	4873828.29	329.37	0	DEN	8000	39.3	35.6	0.0	0.0	0.0	59.0	29.5	-1.7	0.0	0.0	9.6	0.0	0.0	-21.6
1310	638800.87	4873858.77	329.47	0	DEN	32	16.0	32.6	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-14.7
1310	638800.87	4873858.77	329.47	0	DEN	63	24.2	32.6	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-6.5
1310	638800.87	4873858.77	329.47	0	DEN	125	30.3	32.6	0.0	0.0	0.0	58.5	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-0.6
1310	638800.87	4873858.77	329.47	0	DEN	250	35.8	32.6	0.0	0.0	0.0	58.5	0.2	1.6	0.0	0.0	3.3	0.0	0.0	4.7
1310	638800.87	4873858.77	329.47	0	DEN	500	41.2	32.6	0.0	0.0	0.0	58.5	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	9.8
1310	638800.87	4873858.77	329.47	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	6.9	0.0	0.0	15.3
1310	638800.87	4873858.77	329.47	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	7.4	0.0	0.0	12.6
1310	638800.87	4873858.77	329.47	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	8.2	0.0	0.0	2.1
1310	638800.87	4873858.77	329.47	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	9.5	0.0	0.0	-22.3
1318	638852.12	4873863.77	328.79	0	DEN	32	16.0	29.6	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-16.1
1318	638852.12	4873863.77	328.79	0	DEN	63	24.2	29.6	0.0	0.0	0.0	56.8	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-7.9
1318	638852.12	4873863.77	328.79	0	DEN	125	30.3	29.6	0.0	0.0	0.0	56.8	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-1.9
1318	638852.12	4873863.77	328.79	0	DEN	250	35.8	29.6	0.0	0.0	0.0	56.8	0.2	1.8	0.0	0.0	3.2	0.0	0.0	3.3
1318	638852.12	4873863.77	328.79	0	DEN	500	41.2	29.6	0.0	0.0	0.0	56.8	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	8.3
1318	638852.12	4873863.77	328.79	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	56.8	0.7	-1.4	0.0	0.0	7.1	0.0	0.0	13.7
1318	638852.12	4873863.77	328.79	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	56.8	1.9	-1.4	0.0	0.0	7.8	0.0	0.0	11.0
1318	638852.12	4873863.77	328.79	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	56.8	6.4	-1.4	0.0	0.0	9.0	0.0	0.0	1.1
1318	638852.12	4873863.77	328.79	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	56.8	22.9	-1.4	0.0	0.0	10.8	0.0	0.0	-20.2
1327	638866.29	4873879.02	328.84	0	DEN	32	16.0	26.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.0
1327	638866.29	4873879.02	328.84	0	DEN	63	24.2	26.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-10.8
1327	638866.29	4873879.02	328.84	0	DEN	125	30.3	26.6	0.0	0.0	0.0	56.7	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-4.8
1327	638866.29	4873879.02	328.84	0	DEN	250	35.8	26.6	0.0	0.0	0.0	56.7	0.2	1.8	0.0	0.0	3.2	0.0	0.0	0.4
1327	638866.29	4873879.02	328.84	0	DEN	500	41.2	26.6	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	5.4
1327	638866.29	4873879.02	328.84	0	DEN	1000	47.4	26.6	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	7.0	0.0	0.0	10.9
1327	638866.29	4873879.02	328.84	0	DEN	2000	46.6	26.6	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	7.7	0.0	0.0	8.2
1327	638866.29	4873879.02	328.84	0	DEN	4000	42.4	26.6	0.0	0.0	0.0	56.7	6.4	-1.4	0.0	0.0	8.9	0.0	0.0	-1.6
1327	638866.29	4873879.02	328.84	0	DEN	8000	39.3	26.6	0.0	0.0	0.0	56.7	22.7	-1.4	0.0	0.0	10.5	0.0	0.0	-22.7
1337	638899.62	4873886.23	328.47	0	DEN	32	16.0	26.6	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.1
1337	638899.62	4873886.23	328.47	0	DEN	63	24.2	26.6	0.0	0.0	0.0	55.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-10.0
1337	638899.62	4873886.23	328.47	0	DEN	125	30.3	26.6	0.0	0.0	0.0	55.9	0.1	1.3	0.0	0.0	3.7	0.0	0.0	-4.0
1337	638899.62	4873886.23	328.47	0	DEN	250	35.8	26.6	0.0	0.0	0.0	55.9	0.2	1.9	0.0	0.0	3.2	0.0	0.0	1.2
1337	638899.62	4873886.23	328.47	0	DEN	500	41.2	26.6	0.0	0.0	0.0	55.9	0.3	-1.0	0.0	0.0	6.4	0.0	0.0	6.1
1337	638899.62	4873886.23	328.47	0	DEN	1000	47.4	26.6	0.0	0.0	0.0	55.9	0.6	-1.3	0.0	0.0	7.3	0.0	0.0	11.5
1337	638899.62	4873886.23	328.47	0	DEN	2000	46.6	26.6	0.0	0.0	0.0	55.9	1.7	-1.3	0.0	0.0	8.3	0.0	0.0	8.7
1337	638899.62	4873886.23	328.47	0	DEN	4000	42.4	26.6	0.0	0.0	0.0	55.9	5.7	-1.3	0.0	0.0	9.7	0.0	0.0	-1.0
1337	638899.62	4873886.23	328.47	0	DEN	8000	39.3	26.6	0.0	0.0	0.0	55.9	20.5	-1.3	0.0	0.0	11.7	0.0	0.0	-20.8
1346	638705.86	4873813.87	330.12	0	DEN	32	16.0	35.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-14.1
1346	638705.86	4873813.87	330.12	0	DEN	63	24.2	35.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-5.9
1346	638705.86	4873813.87	330.12	0	DEN	125	30.3	35.6	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.8	0.0	0.0	0.0
1346	638705.86	4873813.87	330.12	0	DEN	250	35.8	35.6	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.5	0.0	0.0	5.3
1346	638705.86	4873813.87	330.12	0	DEN	500	41.2	35.6	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	10.3
1346	638705.86	4873813.87	330.12	0	DEN	1000	47.4	35.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.0	0.0	0.0	15.8
1346	638705.86	4873813.87	330.12	0	DEN	2000	46.6	35.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	7.3	0.0	0.0	12.9
1346	638705.86	4873813.87	330.12	0	DEN	4000	42.4	35.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	7.8	0.0	0.0	0.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1346	638705.86	4873813.87	330.12	0	DEN	8000	39.3	35.6	0.0	0.0	0.0	60.9	36.7	-1.9	0.0	0.0	8.7	0.0	0.0	-29.5
1355	638667.55	4873829.93	330.97	0	DEN	32	16.0	32.6	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-18.2
1355	638667.55	4873829.93	330.97	0	DEN	63	24.2	32.6	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-10.0
1355	638667.55	4873829.93	330.97	0	DEN	125	30.3	32.6	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-4.0
1355	638667.55	4873829.93	330.97	0	DEN	250	35.8	32.6	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	1.2
1355	638667.55	4873829.93	330.97	0	DEN	500	41.2	32.6	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	6.3
1355	638667.55	4873829.93	330.97	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	11.8
1355	638667.55	4873829.93	330.97	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	8.7
1355	638667.55	4873829.93	330.97	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.4	0.0	0.0	-4.0
1355	638667.55	4873829.93	330.97	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	62.0	41.4	-2.0	0.0	0.0	8.0	0.0	0.0	-37.5
1362	638600.88	4873815.51	331.72	0	DEN	32	16.0	32.6	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-19.6
1362	638600.88	4873815.51	331.72	0	DEN	63	24.2	32.6	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-11.4
1362	638600.88	4873815.51	331.72	0	DEN	125	30.3	32.6	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-5.5
1362	638600.88	4873815.51	331.72	0	DEN	250	35.8	32.6	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-0.2
1362	638600.88	4873815.51	331.72	0	DEN	500	41.2	32.6	0.0	0.0	0.0	63.4	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	4.8
1362	638600.88	4873815.51	331.72	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	10.2
1362	638600.88	4873815.51	331.72	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	6.8
1362	638600.88	4873815.51	331.72	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	63.4	13.7	-2.1	0.0	0.0	7.3	0.0	0.0	-7.3
1362	638600.88	4873815.51	331.72	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	63.4	48.8	-2.1	0.0	0.0	7.7	0.0	0.0	-45.9
1385	638866.85	4873832.40	328.02	1	DEN	4000	42.4	15.1	0.0	0.0	0.0	59.7	8.9	-1.5	0.0	0.0	8.8	0.0	1.0	-19.5
1385	638866.85	4873832.40	328.02	1	DEN	8000	39.3	15.1	0.0	0.0	0.0	59.7	31.8	-1.5	0.0	0.0	10.4	0.0	1.0	-47.0
1394	638900.01	4873862.41	328.05	1	DEN	4000	42.4	15.1	0.0	0.0	0.0	58.1	7.4	-1.3	0.0	0.0	11.6	0.0	1.0	-19.4
1394	638900.01	4873862.41	328.05	1	DEN	8000	39.3	15.1	0.0	0.0	0.0	58.1	26.5	-1.3	0.0	0.0	13.9	0.0	1.0	-44.0
1402	638850.42	4873816.68	328.00	1	DEN	4000	42.4	18.1	0.0	0.0	0.0	60.4	9.7	-1.6	0.0	0.0	8.2	0.0	1.0	-17.2
1402	638850.42	4873816.68	328.00	1	DEN	8000	39.3	18.1	0.0	0.0	0.0	60.4	34.4	-1.6	0.0	0.0	9.5	0.0	1.0	-46.3
1409	638817.34	4873786.31	327.97	1	DEN	8000	39.3	18.1	0.0	0.0	0.0	61.6	39.7	-1.7	0.0	0.0	7.9	0.0	1.0	-51.2
1417	638800.99	4873770.23	327.93	1	DEN	8000	39.3	15.1	0.0	0.0	0.0	62.2	42.4	-1.8	0.0	0.0	7.6	0.0	1.0	-57.0
1425	638767.98	4873739.50	327.89	1	DEN	8000	39.3	15.1	0.0	0.0	0.0	63.2	47.6	-1.9	0.0	0.0	7.1	0.0	1.0	-62.7
1434	638916.05	4873879.94	328.11	1	DEN	2000	46.6	21.1	0.0	0.0	0.0	57.2	2.0	-1.1	0.0	0.0	10.6	0.0	1.0	-1.9
1434	638916.05	4873879.94	328.11	1	DEN	4000	42.4	21.1	0.0	0.0	0.0	57.2	6.7	-1.1	0.0	0.0	12.8	0.0	1.0	-13.0
1434	638916.05	4873879.94	328.11	1	DEN	8000	39.3	21.1	0.0	0.0	0.0	57.2	23.8	-1.1	0.0	0.0	15.3	0.0	1.0	-35.7
1443	638899.78	4873863.49	328.07	1	DEN	4000	42.4	18.1	0.0	0.0	0.0	58.1	7.4	-1.2	0.0	0.0	11.1	0.0	1.0	-15.9
1443	638899.78	4873863.49	328.07	1	DEN	8000	39.3	18.1	0.0	0.0	0.0	58.1	26.5	-1.2	0.0	0.0	13.4	0.0	1.0	-40.4
1452	638866.62	4873833.49	328.05	1	DEN	4000	42.4	18.1	0.0	0.0	0.0	59.7	8.9	-1.5	0.0	0.0	8.7	0.0	1.0	-16.3
1452	638866.62	4873833.49	328.05	1	DEN	8000	39.3	18.1	0.0	0.0	0.0	59.7	31.7	-1.5	0.0	0.0	10.2	0.0	1.0	-43.8
1460	638746.15	4873726.87	328.00	1	DEN	8000	39.3	25.2	0.0	0.0	0.0	63.7	50.5	-1.9	0.0	0.0	6.9	0.0	1.0	-55.7
1467	638764.86	4873741.42	327.97	1	DEN	8000	39.3	22.2	0.0	0.0	0.0	63.2	47.7	-1.9	0.0	0.0	7.0	0.0	1.0	-55.6
1473	638796.19	4873773.65	328.06	1	DEN	8000	39.3	22.2	0.0	0.0	0.0	62.2	42.5	-1.8	0.0	0.0	7.3	0.0	1.0	-49.8
1480	638798.47	4873772.48	328.01	1	DEN	8000	39.3	19.2	0.0	0.0	0.0	62.2	42.4	-1.8	0.0	0.0	7.4	0.0	1.0	-52.7
1487	638767.14	4873740.25	327.92	1	DEN	8000	39.3	19.2	0.0	0.0	0.0	63.2	47.6	-1.9	0.0	0.0	7.1	0.0	1.0	-58.6
1490	638815.66	4873787.82	328.02	1	DEN	8000	39.3	22.2	0.0	0.0	0.0	61.6	39.7	-1.7	0.0	0.0	7.8	0.0	1.0	-46.9
1496	638847.75	4873819.66	328.09	1	DEN	4000	42.4	22.2	0.0	0.0	0.0	60.4	9.7	-1.6	0.0	0.0	7.8	0.0	1.0	-12.7
1496	638847.75	4873819.66	328.09	1	DEN	8000	39.3	22.2	0.0	0.0	0.0	60.4	34.4	-1.6	0.0	0.0	8.9	0.0	1.0	-41.7
1502	638865.70	4873834.60	328.08	1	DEN	4000	42.4	19.2	0.0	0.0	0.0	59.7	8.9	-1.5	0.0	0.0	8.6	0.0	1.0	-15.1
1502	638865.70	4873834.60	328.08	1	DEN	8000	39.3	19.2	0.0	0.0	0.0	59.7	31.7	-1.5	0.0	0.0	10.1	0.0	1.0	-42.5
1507	638898.55	4873866.05	328.13	1	DEN	4000	42.4	19.2	0.0	0.0	0.0	58.1	7.4	-1.3	0.0	0.0	10.6	0.0	1.0	-14.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1507	638898.55	4873866.05	328.13	1	DEN	8000	39.3	19.2	0.0	0.0	0.0	58.1	26.4	-1.3	0.0	0.0	12.8	0.0	1.0	-38.5
1662	638531.80	4873812.71	332.71	1	DEN	4000	42.4	-23.9	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-76.0
1662	638531.80	4873812.71	332.71	1	DEN	8000	39.3	-23.9	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-131.7
1669	638535.12	4873812.28	332.65	1	DEN	4000	42.4	9.7	0.0	0.0	0.0	67.0	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-42.3
1669	638535.12	4873812.28	332.65	1	DEN	8000	39.3	9.7	0.0	0.0	0.0	67.0	73.5	-3.0	0.0	0.0	7.8	0.0	2.0	-98.3
2149	638931.44	4873584.66	322.96	0	DEN	32	16.0	31.8	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-13.5
2149	638931.44	4873584.66	322.96	0	DEN	63	24.2	31.8	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-5.4
2149	638931.44	4873584.66	322.96	0	DEN	125	30.3	31.8	0.0	0.0	0.0	56.5	0.1	1.3	0.0	0.0	3.8	0.0	0.0	0.4
2149	638931.44	4873584.66	322.96	0	DEN	250	35.8	31.8	0.0	0.0	0.0	56.5	0.2	1.9	0.0	0.0	3.5	0.0	0.0	5.5
2149	638931.44	4873584.66	322.96	0	DEN	500	41.2	31.8	0.0	0.0	0.0	56.5	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	10.2
2149	638931.44	4873584.66	322.96	0	DEN	1000	47.4	31.8	0.0	0.0	0.0	56.5	0.7	-1.3	0.0	0.0	8.2	0.0	0.0	15.2
2149	638931.44	4873584.66	322.96	0	DEN	2000	46.6	31.8	0.0	0.0	0.0	56.5	1.8	-1.3	0.0	0.0	9.5	0.0	0.0	11.9
2149	638931.44	4873584.66	322.96	0	DEN	4000	42.4	31.8	0.0	0.0	0.0	56.5	6.1	-1.3	0.0	0.0	11.4	0.0	0.0	1.5
2149	638931.44	4873584.66	322.96	0	DEN	8000	39.3	31.8	0.0	0.0	0.0	56.5	21.9	-1.3	0.0	0.0	13.8	0.0	0.0	-19.7
2156	638960.58	4873569.71	322.26	0	DEN	32	16.0	31.8	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-13.7
2156	638960.58	4873569.71	322.26	0	DEN	63	24.2	31.8	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-5.6
2156	638960.58	4873569.71	322.26	0	DEN	125	30.3	31.8	0.0	0.0	0.0	56.6	0.1	1.4	0.0	0.0	3.7	0.0	0.0	0.3
2156	638960.58	4873569.71	322.26	0	DEN	250	35.8	31.8	0.0	0.0	0.0	56.6	0.2	2.0	0.0	0.0	3.4	0.0	0.0	5.3
2156	638960.58	4873569.71	322.26	0	DEN	500	41.2	31.8	0.0	0.0	0.0	56.6	0.4	-0.9	0.0	0.0	6.9	0.0	0.0	10.0
2156	638960.58	4873569.71	322.26	0	DEN	1000	47.4	31.8	0.0	0.0	0.0	56.6	0.7	-1.3	0.0	0.0	8.2	0.0	0.0	14.9
2156	638960.58	4873569.71	322.26	0	DEN	2000	46.6	31.8	0.0	0.0	0.0	56.6	1.8	-1.3	0.0	0.0	9.6	0.0	0.0	11.6
2156	638960.58	4873569.71	322.26	0	DEN	4000	42.4	31.8	0.0	0.0	0.0	56.6	6.3	-1.3	0.0	0.0	11.6	0.0	0.0	1.0
2156	638960.58	4873569.71	322.26	0	DEN	8000	39.3	31.8	0.0	0.0	0.0	56.6	22.3	-1.3	0.0	0.0	13.9	0.0	0.0	-20.5
2164	638904.71	4873575.36	323.41	0	DEN	32	16.0	31.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-14.4
2164	638904.71	4873575.36	323.41	0	DEN	63	24.2	31.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-6.3
2164	638904.71	4873575.36	323.41	0	DEN	125	30.3	31.8	0.0	0.0	0.0	57.4	0.1	1.2	0.0	0.0	3.8	0.0	0.0	-0.4
2164	638904.71	4873575.36	323.41	0	DEN	250	35.8	31.8	0.0	0.0	0.0	57.4	0.2	1.8	0.0	0.0	3.4	0.0	0.0	4.8
2164	638904.71	4873575.36	323.41	0	DEN	500	41.2	31.8	0.0	0.0	0.0	57.4	0.4	-1.0	0.0	0.0	6.5	0.0	0.0	9.6
2164	638904.71	4873575.36	323.41	0	DEN	1000	47.4	31.8	0.0	0.0	0.0	57.4	0.8	-1.4	0.0	0.0	7.6	0.0	0.0	14.8
2164	638904.71	4873575.36	323.41	0	DEN	2000	46.6	31.8	0.0	0.0	0.0	57.4	2.0	-1.4	0.0	0.0	8.7	0.0	0.0	11.7
2164	638904.71	4873575.36	323.41	0	DEN	4000	42.4	31.8	0.0	0.0	0.0	57.4	6.8	-1.4	0.0	0.0	10.2	0.0	0.0	1.1
2164	638904.71	4873575.36	323.41	0	DEN	8000	39.3	31.8	0.0	0.0	0.0	57.4	24.4	-1.4	0.0	0.0	12.3	0.0	0.0	-21.6
2172	638880.38	4873541.83	323.61	0	DEN	32	16.0	31.8	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-16.0
2172	638880.38	4873541.83	323.61	0	DEN	63	24.2	31.8	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-7.8
2172	638880.38	4873541.83	323.61	0	DEN	125	30.3	31.8	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.8	0.0	0.0	-1.9
2172	638880.38	4873541.83	323.61	0	DEN	250	35.8	31.8	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.4	0.0	0.0	3.4
2172	638880.38	4873541.83	323.61	0	DEN	500	41.2	31.8	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.4	0.0	0.0	8.4
2172	638880.38	4873541.83	323.61	0	DEN	1000	47.4	31.8	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	7.1	0.0	0.0	13.8
2172	638880.38	4873541.83	323.61	0	DEN	2000	46.6	31.8	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.7	0.0	0.0	10.9
2172	638880.38	4873541.83	323.61	0	DEN	4000	42.4	31.8	0.0	0.0	0.0	59.0	8.2	-1.6	0.0	0.0	8.7	0.0	0.0	-0.1
2172	638880.38	4873541.83	323.61	0	DEN	8000	39.3	31.8	0.0	0.0	0.0	59.0	29.2	-1.6	0.0	0.0	10.2	0.0	0.0	-25.7
2176	638857.60	4873555.63	324.17	0	DEN	32	16.0	30.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-17.1
2176	638857.60	4873555.63	324.17	0	DEN	63	24.2	30.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-8.9
2176	638857.60	4873555.63	324.17	0	DEN	125	30.3	30.7	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-3.0
2176	638857.60	4873555.63	324.17	0	DEN	250	35.8	30.7	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.3	0.0	0.0	2.3
2176	638857.60	4873555.63	324.17	0	DEN	500	41.2	30.7	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.3	0.0	0.0	7.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2176	638857.60	4873555.63	324.17	0	DEN	1000	47.4	30.7	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	7.0	0.0	0.0	12.8
2176	638857.60	4873555.63	324.17	0	DEN	2000	46.6	30.7	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.6	0.0	0.0	9.9
2176	638857.60	4873555.63	324.17	0	DEN	4000	42.4	30.7	0.0	0.0	0.0	59.0	8.3	-1.6	0.0	0.0	8.5	0.0	0.0	-1.1
2176	638857.60	4873555.63	324.17	0	DEN	8000	39.3	30.7	0.0	0.0	0.0	59.0	29.4	-1.6	0.0	0.0	10.0	0.0	0.0	-26.8
2184	638898.85	4873601.38	323.74	0	DEN	32	16.0	25.5	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.9
2184	638898.85	4873601.38	323.74	0	DEN	63	24.2	25.5	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-11.8
2184	638898.85	4873601.38	323.74	0	DEN	125	30.3	25.5	0.0	0.0	0.0	56.6	0.1	1.2	0.0	0.0	3.8	0.0	0.0	-5.9
2184	638898.85	4873601.38	323.74	0	DEN	250	35.8	25.5	0.0	0.0	0.0	56.6	0.2	1.8	0.0	0.0	3.5	0.0	0.0	-0.8
2184	638898.85	4873601.38	323.74	0	DEN	500	41.2	25.5	0.0	0.0	0.0	56.6	0.4	-1.0	0.0	0.0	6.7	0.0	0.0	4.0
2184	638898.85	4873601.38	323.74	0	DEN	1000	47.4	25.5	0.0	0.0	0.0	56.6	0.7	-1.4	0.0	0.0	7.9	0.0	0.0	9.1
2184	638898.85	4873601.38	323.74	0	DEN	2000	46.6	25.5	0.0	0.0	0.0	56.6	1.8	-1.4	0.0	0.0	9.2	0.0	0.0	5.9
2184	638898.85	4873601.38	323.74	0	DEN	4000	42.4	25.5	0.0	0.0	0.0	56.6	6.2	-1.4	0.0	0.0	11.0	0.0	0.0	-4.5
2184	638898.85	4873601.38	323.74	0	DEN	8000	39.3	25.5	0.0	0.0	0.0	56.6	22.3	-1.4	0.0	0.0	13.2	0.0	0.0	-25.8
2193	638884.96	4873585.50	323.88	0	DEN	32	16.0	22.5	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-23.8
2193	638884.96	4873585.50	323.88	0	DEN	63	24.2	22.5	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-15.7
2193	638884.96	4873585.50	323.88	0	DEN	125	30.3	22.5	0.0	0.0	0.0	57.5	0.1	1.3	0.0	0.0	3.7	0.0	0.0	-9.7
2193	638884.96	4873585.50	323.88	0	DEN	250	35.8	22.5	0.0	0.0	0.0	57.5	0.2	1.8	0.0	0.0	3.3	0.0	0.0	-4.5
2193	638884.96	4873585.50	323.88	0	DEN	500	41.2	22.5	0.0	0.0	0.0	57.5	0.4	-1.0	0.0	0.0	6.4	0.0	0.0	0.4
2193	638884.96	4873585.50	323.88	0	DEN	1000	47.4	22.5	0.0	0.0	0.0	57.5	0.8	-1.4	0.0	0.0	7.4	0.0	0.0	5.6
2193	638884.96	4873585.50	323.88	0	DEN	2000	46.6	22.5	0.0	0.0	0.0	57.5	2.0	-1.4	0.0	0.0	8.4	0.0	0.0	2.5
2193	638884.96	4873585.50	323.88	0	DEN	4000	42.4	22.5	0.0	0.0	0.0	57.5	6.9	-1.4	0.0	0.0	9.9	0.0	0.0	-8.0
2193	638884.96	4873585.50	323.88	0	DEN	8000	39.3	22.5	0.0	0.0	0.0	57.5	24.7	-1.4	0.0	0.0	11.8	0.0	0.0	-30.9
2200	638864.08	4873550.19	324.00	0	DEN	32	16.0	22.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-25.3
2200	638864.08	4873550.19	324.00	0	DEN	63	24.2	22.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-17.2
2200	638864.08	4873550.19	324.00	0	DEN	125	30.3	22.5	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-11.2
2200	638864.08	4873550.19	324.00	0	DEN	250	35.8	22.5	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-5.9
2200	638864.08	4873550.19	324.00	0	DEN	500	41.2	22.5	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.3	0.0	0.0	-0.9
2200	638864.08	4873550.19	324.00	0	DEN	1000	47.4	22.5	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	7.0	0.0	0.0	4.5
2200	638864.08	4873550.19	324.00	0	DEN	2000	46.6	22.5	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.6	0.0	0.0	1.7
2200	638864.08	4873550.19	324.00	0	DEN	4000	42.4	22.5	0.0	0.0	0.0	59.0	8.3	-1.6	0.0	0.0	8.6	0.0	0.0	-9.3
2200	638864.08	4873550.19	324.00	0	DEN	8000	39.3	22.5	0.0	0.0	0.0	59.0	29.5	-1.6	0.0	0.0	10.0	0.0	0.0	-35.1
2207	638723.32	4873670.54	327.77	0	DEN	32	16.0	34.9	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-14.6
2207	638723.32	4873670.54	327.77	0	DEN	63	24.2	34.9	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-6.4
2207	638723.32	4873670.54	327.77	0	DEN	125	30.3	34.9	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-0.5
2207	638723.32	4873670.54	327.77	0	DEN	250	35.8	34.9	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.7	0.0	0.0	4.7
2207	638723.32	4873670.54	327.77	0	DEN	500	41.2	34.9	0.0	0.0	0.0	60.6	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	9.6
2207	638723.32	4873670.54	327.77	0	DEN	1000	47.4	34.9	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	14.8
2207	638723.32	4873670.54	327.77	0	DEN	2000	46.6	34.9	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.3	0.0	0.0	11.5
2207	638723.32	4873670.54	327.77	0	DEN	4000	42.4	34.9	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.6	0.0	0.0	-0.9
2207	638723.32	4873670.54	327.77	0	DEN	8000	39.3	34.9	0.0	0.0	0.0	60.6	35.3	-1.9	0.0	0.0	11.3	0.0	0.0	-31.2
2416	638735.13	4873631.56	327.21	0	DEN	32	16.0	31.9	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-17.6
2416	638735.13	4873631.56	327.21	0	DEN	63	24.2	31.9	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-9.5
2416	638735.13	4873631.56	327.21	0	DEN	125	30.3	31.9	0.0	0.0	0.0	60.7	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-3.5
2416	638735.13	4873631.56	327.21	0	DEN	250	35.8	31.9	0.0	0.0	0.0	60.7	0.3	1.4	0.0	0.0	3.7	0.0	0.0	1.6
2416	638735.13	4873631.56	327.21	0	DEN	500	41.2	31.9	0.0	0.0	0.0	60.7	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	6.5
2416	638735.13	4873631.56	327.21	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	60.7	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	11.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2416	638735.13	4873631.56	327.21	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	60.7	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	8.4
2416	638735.13	4873631.56	327.21	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	60.7	10.0	-1.9	0.0	0.0	9.6	0.0	0.0	-4.1
2416	638735.13	4873631.56	327.21	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	60.7	35.5	-1.9	0.0	0.0	11.3	0.0	0.0	-34.5
2430	638784.38	4873584.34	325.85	0	DEN	32	16.0	31.9	0.0	0.0	0.0	60.1	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-17.1
2430	638784.38	4873584.34	325.85	0	DEN	63	24.2	31.9	0.0	0.0	0.0	60.1	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-8.9
2430	638784.38	4873584.34	325.85	0	DEN	125	30.3	31.9	0.0	0.0	0.0	60.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-2.9
2430	638784.38	4873584.34	325.85	0	DEN	250	35.8	31.9	0.0	0.0	0.0	60.1	0.3	1.4	0.0	0.0	3.6	0.0	0.0	2.3
2430	638784.38	4873584.34	325.85	0	DEN	500	41.2	31.9	0.0	0.0	0.0	60.1	0.5	-1.4	0.0	0.0	6.5	0.0	0.0	7.3
2430	638784.38	4873584.34	325.85	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	60.1	1.0	-1.8	0.0	0.0	7.3	0.0	0.0	12.6
2430	638784.38	4873584.34	325.85	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	60.1	2.8	-1.8	0.0	0.0	7.9	0.0	0.0	9.5
2430	638784.38	4873584.34	325.85	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	60.1	9.3	-1.8	0.0	0.0	8.9	0.0	0.0	-2.2
2430	638784.38	4873584.34	325.85	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	60.1	33.3	-1.8	0.0	0.0	10.4	0.0	0.0	-30.8
2438	638674.07	4873717.75	329.12	0	DEN	32	16.0	34.9	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-15.6
2438	638674.07	4873717.75	329.12	0	DEN	63	24.2	34.9	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-7.5
2438	638674.07	4873717.75	329.12	0	DEN	125	30.3	34.9	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-1.5
2438	638674.07	4873717.75	329.12	0	DEN	250	35.8	34.9	0.0	0.0	0.0	61.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	3.7
2438	638674.07	4873717.75	329.12	0	DEN	500	41.2	34.9	0.0	0.0	0.0	61.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	8.7
2438	638674.07	4873717.75	329.12	0	DEN	1000	47.4	34.9	0.0	0.0	0.0	61.7	1.2	-2.0	0.0	0.0	7.3	0.0	0.0	14.1
2438	638674.07	4873717.75	329.12	0	DEN	2000	46.6	34.9	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.7	0.0	0.0	10.8
2438	638674.07	4873717.75	329.12	0	DEN	4000	42.4	34.9	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.5	0.0	0.0	-2.1
2438	638674.07	4873717.75	329.12	0	DEN	8000	39.3	34.9	0.0	0.0	0.0	61.7	39.9	-2.0	0.0	0.0	9.7	0.0	0.0	-35.2
2447	638636.63	4873725.98	329.93	0	DEN	32	16.0	31.9	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-19.5
2447	638636.63	4873725.98	329.93	0	DEN	63	24.2	31.9	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-11.3
2447	638636.63	4873725.98	329.93	0	DEN	125	30.3	31.9	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-5.4
2447	638636.63	4873725.98	329.93	0	DEN	250	35.8	31.9	0.0	0.0	0.0	62.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-0.2
2447	638636.63	4873725.98	329.93	0	DEN	500	41.2	31.9	0.0	0.0	0.0	62.6	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	4.8
2447	638636.63	4873725.98	329.93	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	10.2
2447	638636.63	4873725.98	329.93	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	6.9
2447	638636.63	4873725.98	329.93	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	62.6	12.4	-2.1	0.0	0.0	8.0	0.0	0.0	-6.6
2447	638636.63	4873725.98	329.93	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	62.6	44.2	-2.1	0.0	0.0	8.9	0.0	0.0	-42.4
2456	638587.38	4873773.19	331.29	0	DEN	32	16.0	31.9	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-20.6
2456	638587.38	4873773.19	331.29	0	DEN	63	24.2	31.9	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-12.4
2456	638587.38	4873773.19	331.29	0	DEN	125	30.3	31.9	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-6.4
2456	638587.38	4873773.19	331.29	0	DEN	250	35.8	31.9	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-1.2
2456	638587.38	4873773.19	331.29	0	DEN	500	41.2	31.9	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	3.8
2456	638587.38	4873773.19	331.29	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	9.2
2456	638587.38	4873773.19	331.29	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.2	0.0	0.0	5.7
2456	638587.38	4873773.19	331.29	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	63.6	14.0	-2.2	0.0	0.0	7.5	0.0	0.0	-8.6
2456	638587.38	4873773.19	331.29	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	63.6	49.9	-2.2	0.0	0.0	7.9	0.0	0.0	-48.1
2466	638807.31	4873638.43	325.85	0	DEN	32	16.0	31.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-15.5
2466	638807.31	4873638.43	325.85	0	DEN	63	24.2	31.9	0.0	0.0	0.0	58.5	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-7.3
2466	638807.31	4873638.43	325.85	0	DEN	125	30.3	31.9	0.0	0.0	0.0	58.5	0.1	1.1	0.0	0.0	3.9	0.0	0.0	-1.4
2466	638807.31	4873638.43	325.85	0	DEN	250	35.8	31.9	0.0	0.0	0.0	58.5	0.2	1.6	0.0	0.0	3.6	0.0	0.0	3.7
2466	638807.31	4873638.43	325.85	0	DEN	500	41.2	31.9	0.0	0.0	0.0	58.5	0.5	-1.2	0.0	0.0	6.8	0.0	0.0	8.5
2466	638807.31	4873638.43	325.85	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	7.9	0.0	0.0	13.5
2466	638807.31	4873638.43	325.85	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.1	0.0	0.0	10.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2466	638807.31	4873638.43	325.85	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	58.5	7.7	-1.6	0.0	0.0	10.8	0.0	0.0	-1.2
2466	638807.31	4873638.43	325.85	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.0	0.0	0.0	-26.3
2476	638835.64	4873645.84	325.35	0	DEN	32	16.0	28.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-17.4
2476	638835.64	4873645.84	325.35	0	DEN	63	24.2	28.8	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-9.3
2476	638835.64	4873645.84	325.35	0	DEN	125	30.3	28.8	0.0	0.0	0.0	57.4	0.1	1.2	0.0	0.0	3.9	0.0	0.0	-3.4
2476	638835.64	4873645.84	325.35	0	DEN	250	35.8	28.8	0.0	0.0	0.0	57.4	0.2	1.8	0.0	0.0	3.6	0.0	0.0	1.7
2476	638835.64	4873645.84	325.35	0	DEN	500	41.2	28.8	0.0	0.0	0.0	57.4	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	6.3
2476	638835.64	4873645.84	325.35	0	DEN	1000	47.4	28.8	0.0	0.0	0.0	57.4	0.8	-1.4	0.0	0.0	8.2	0.0	0.0	11.3
2476	638835.64	4873645.84	325.35	0	DEN	2000	46.6	28.8	0.0	0.0	0.0	57.4	2.0	-1.4	0.0	0.0	9.7	0.0	0.0	7.8
2476	638835.64	4873645.84	325.35	0	DEN	4000	42.4	28.8	0.0	0.0	0.0	57.4	6.8	-1.4	0.0	0.0	11.6	0.0	0.0	-3.1
2476	638835.64	4873645.84	325.35	0	DEN	8000	39.3	28.8	0.0	0.0	0.0	57.4	24.3	-1.4	0.0	0.0	13.9	0.0	0.0	-26.0
2486	638866.67	4873629.92	324.61	0	DEN	32	16.0	28.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-16.7
2486	638866.67	4873629.92	324.61	0	DEN	63	24.2	28.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-8.6
2486	638866.67	4873629.92	324.61	0	DEN	125	30.3	28.8	0.0	0.0	0.0	56.7	0.1	1.1	0.0	0.0	4.0	0.0	0.0	-2.7
2486	638866.67	4873629.92	324.61	0	DEN	250	35.8	28.8	0.0	0.0	0.0	56.7	0.2	1.7	0.0	0.0	3.6	0.0	0.0	2.4
2486	638866.67	4873629.92	324.61	0	DEN	500	41.2	28.8	0.0	0.0	0.0	56.7	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	7.1
2486	638866.67	4873629.92	324.61	0	DEN	1000	47.4	28.8	0.0	0.0	0.0	56.7	0.7	-1.4	0.0	0.0	8.2	0.0	0.0	12.1
2486	638866.67	4873629.92	324.61	0	DEN	2000	46.6	28.8	0.0	0.0	0.0	56.7	1.9	-1.4	0.0	0.0	9.6	0.0	0.0	8.7
2486	638866.67	4873629.92	324.61	0	DEN	4000	42.4	28.8	0.0	0.0	0.0	56.7	6.3	-1.4	0.0	0.0	11.5	0.0	0.0	-1.8
2486	638866.67	4873629.92	324.61	0	DEN	8000	39.3	28.8	0.0	0.0	0.0	56.7	22.4	-1.4	0.0	0.0	13.8	0.0	0.0	-23.3
2497	638767.17	4873669.99	326.90	0	DEN	32	16.0	34.9	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-13.3
2497	638767.17	4873669.99	326.90	0	DEN	63	24.2	34.9	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.5	0.0	0.0	-5.2
2497	638767.17	4873669.99	326.90	0	DEN	125	30.3	34.9	0.0	0.0	0.0	59.3	0.1	1.0	0.0	0.0	4.0	0.0	0.0	0.8
2497	638767.17	4873669.99	326.90	0	DEN	250	35.8	34.9	0.0	0.0	0.0	59.3	0.3	1.5	0.0	0.0	3.7	0.0	0.0	5.9
2497	638767.17	4873669.99	326.90	0	DEN	500	41.2	34.9	0.0	0.0	0.0	59.3	0.5	-1.3	0.0	0.0	6.9	0.0	0.0	10.7
2497	638767.17	4873669.99	326.90	0	DEN	1000	47.4	34.9	0.0	0.0	0.0	59.3	1.0	-1.7	0.0	0.0	7.9	0.0	0.0	15.7
2497	638767.17	4873669.99	326.90	0	DEN	2000	46.6	34.9	0.0	0.0	0.0	59.3	2.5	-1.7	0.0	0.0	9.0	0.0	0.0	12.3
2497	638767.17	4873669.99	326.90	0	DEN	4000	42.4	34.9	0.0	0.0	0.0	59.3	8.5	-1.7	0.0	0.0	10.6	0.0	0.0	0.5
2497	638767.17	4873669.99	326.90	0	DEN	8000	39.3	34.9	0.0	0.0	0.0	59.3	30.4	-1.7	0.0	0.0	12.7	0.0	0.0	-26.6
2505	638812.71	4873591.76	325.36	0	DEN	32	16.0	34.9	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-13.2
2505	638812.71	4873591.76	325.36	0	DEN	63	24.2	34.9	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-5.0
2505	638812.71	4873591.76	325.36	0	DEN	125	30.3	34.9	0.0	0.0	0.0	59.2	0.1	1.0	0.0	0.0	3.9	0.0	0.0	0.9
2505	638812.71	4873591.76	325.36	0	DEN	250	35.8	34.9	0.0	0.0	0.0	59.2	0.3	1.5	0.0	0.0	3.5	0.0	0.0	6.1
2505	638812.71	4873591.76	325.36	0	DEN	500	41.2	34.9	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.5	0.0	0.0	11.1
2505	638812.71	4873591.76	325.36	0	DEN	1000	47.4	34.9	0.0	0.0	0.0	59.2	0.9	-1.7	0.0	0.0	7.3	0.0	0.0	16.4
2505	638812.71	4873591.76	325.36	0	DEN	2000	46.6	34.9	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	8.1	0.0	0.0	13.3
2505	638812.71	4873591.76	325.36	0	DEN	4000	42.4	34.9	0.0	0.0	0.0	59.2	8.4	-1.7	0.0	0.0	9.3	0.0	0.0	2.0
2505	638812.71	4873591.76	325.36	0	DEN	8000	39.3	34.9	0.0	0.0	0.0	59.2	30.1	-1.7	0.0	0.0	10.9	0.0	0.0	-24.5
2513	638843.74	4873575.84	324.61	0	DEN	32	16.0	31.9	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-15.8
2513	638843.74	4873575.84	324.61	0	DEN	63	24.2	31.9	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-7.6
2513	638843.74	4873575.84	324.61	0	DEN	125	30.3	31.9	0.0	0.0	0.0	58.8	0.1	1.1	0.0	0.0	3.8	0.0	0.0	-1.6
2513	638843.74	4873575.84	324.61	0	DEN	250	35.8	31.9	0.0	0.0	0.0	58.8	0.3	1.6	0.0	0.0	3.3	0.0	0.0	3.6
2513	638843.74	4873575.84	324.61	0	DEN	500	41.2	31.9	0.0	0.0	0.0	58.8	0.5	-1.2	0.0	0.0	6.4	0.0	0.0	8.6
2513	638843.74	4873575.84	324.61	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	58.8	0.9	-1.6	0.0	0.0	7.1	0.0	0.0	14.0
2513	638843.74	4873575.84	324.61	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	58.8	2.4	-1.6	0.0	0.0	7.7	0.0	0.0	11.1
2513	638843.74	4873575.84	324.61	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	58.8	8.1	-1.6	0.0	0.0	8.8	0.0	0.0	0.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2513	638843.74	4873575.84	324.61	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	58.8	28.7	-1.6	0.0	0.0	10.3	0.0	0.0	-25.1
2520	638869.37	4873606.59	324.36	0	DEN	32	16.0	31.9	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-14.3
2520	638869.37	4873606.59	324.36	0	DEN	63	24.2	31.9	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-6.1
2520	638869.37	4873606.59	324.36	0	DEN	125	30.3	31.9	0.0	0.0	0.0	57.3	0.1	1.2	0.0	0.0	3.8	0.0	0.0	-0.2
2520	638869.37	4873606.59	324.36	0	DEN	250	35.8	31.9	0.0	0.0	0.0	57.3	0.2	1.8	0.0	0.0	3.4	0.0	0.0	5.0
2520	638869.37	4873606.59	324.36	0	DEN	500	41.2	31.9	0.0	0.0	0.0	57.3	0.4	-1.0	0.0	0.0	6.5	0.0	0.0	9.8
2520	638869.37	4873606.59	324.36	0	DEN	1000	47.4	31.9	0.0	0.0	0.0	57.3	0.8	-1.4	0.0	0.0	7.6	0.0	0.0	15.0
2520	638869.37	4873606.59	324.36	0	DEN	2000	46.6	31.9	0.0	0.0	0.0	57.3	2.0	-1.4	0.0	0.0	8.6	0.0	0.0	11.9
2520	638869.37	4873606.59	324.36	0	DEN	4000	42.4	31.9	0.0	0.0	0.0	57.3	6.7	-1.4	0.0	0.0	10.2	0.0	0.0	1.4
2520	638869.37	4873606.59	324.36	0	DEN	8000	39.3	31.9	0.0	0.0	0.0	57.3	24.1	-1.4	0.0	0.0	12.3	0.0	0.0	-21.0
2529	639000.87	4873571.74	321.49	1	DEN	250	35.8	-0.4	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-29.4
2529	639000.87	4873571.74	321.49	1	DEN	500	41.2	-0.4	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-25.6
2529	639000.87	4873571.74	321.49	1	DEN	1000	47.4	-0.4	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-21.7
2529	639000.87	4873571.74	321.49	1	DEN	2000	46.6	-0.4	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-26.1
2529	639000.87	4873571.74	321.49	1	DEN	4000	42.4	-0.4	0.0	0.0	0.0	56.5	6.2	-1.1	0.0	0.0	16.7	0.0	1.0	-37.3
2529	639000.87	4873571.74	321.49	1	DEN	8000	39.3	-0.4	0.0	0.0	0.0	56.5	22.0	-1.1	0.0	0.0	19.6	0.0	1.0	-59.0
2542	638881.67	4873542.80	323.60	1	DEN	2000	46.6	27.2	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	7.2	0.0	1.0	5.1
2542	638881.67	4873542.80	323.60	1	DEN	4000	42.4	27.2	0.0	0.0	0.0	59.5	8.8	-1.7	0.0	0.0	7.9	0.0	1.0	-5.9
2542	638881.67	4873542.80	323.60	1	DEN	8000	39.3	27.2	0.0	0.0	0.0	59.5	31.2	-1.7	0.0	0.0	9.0	0.0	1.0	-32.6
2550	638841.43	4873520.09	324.20	1	DEN	1000	47.4	18.0	0.0	0.0	0.0	60.5	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-2.2
2550	638841.43	4873520.09	324.20	1	DEN	2000	46.6	18.0	0.0	0.0	0.0	60.5	2.9	-1.8	0.0	0.0	7.1	0.0	1.0	-5.0
2550	638841.43	4873520.09	324.20	1	DEN	4000	42.4	18.0	0.0	0.0	0.0	60.5	9.7	-1.8	0.0	0.0	7.6	0.0	1.0	-16.6
2550	638841.43	4873520.09	324.20	1	DEN	8000	39.3	18.0	0.0	0.0	0.0	60.5	34.7	-1.8	0.0	0.0	8.5	0.0	1.0	-45.5
2559	638706.32	4873688.67	328.25	1	DEN	8000	39.3	28.2	0.0	0.0	0.0	64.8	57.0	-2.0	0.0	0.0	6.8	0.0	1.0	-60.1
2593	638531.78	4873812.68	332.71	1	DEN	4000	42.4	-28.9	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-81.0
2593	638531.78	4873812.68	332.71	1	DEN	8000	39.3	-28.9	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-136.7
2600	638534.83	4873810.45	332.63	1	DEN	4000	42.4	6.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-45.2
2600	638534.83	4873810.45	332.63	1	DEN	8000	39.3	6.8	0.0	0.0	0.0	67.0	73.7	-3.0	0.0	0.0	7.8	0.0	2.0	-101.4
5975	638623.33	4873837.58	331.60	0	DEN	32	16.0	30.6	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-21.2
5975	638623.33	4873837.58	331.60	0	DEN	63	24.2	30.6	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-13.0
5975	638623.33	4873837.58	331.60	0	DEN	125	30.3	30.6	0.0	0.0	0.0	63.0	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-7.1
5975	638623.33	4873837.58	331.60	0	DEN	250	35.8	30.6	0.0	0.0	0.0	63.0	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-1.8
5975	638623.33	4873837.58	331.60	0	DEN	500	41.2	30.6	0.0	0.0	0.0	63.0	0.8	-1.7	0.0	0.0	6.5	0.0	0.0	3.2
5975	638623.33	4873837.58	331.60	0	DEN	1000	47.4	30.6	0.0	0.0	0.0	63.0	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	8.7
5975	638623.33	4873837.58	331.60	0	DEN	2000	46.6	30.6	0.0	0.0	0.0	63.0	3.9	-2.1	0.0	0.0	7.1	0.0	0.0	5.4
5975	638623.33	4873837.58	331.60	0	DEN	4000	42.4	30.6	0.0	0.0	0.0	63.0	13.1	-2.1	0.0	0.0	7.3	0.0	0.0	-8.3
5975	638623.33	4873837.58	331.60	0	DEN	8000	39.3	30.6	0.0	0.0	0.0	63.0	46.7	-2.1	0.0	0.0	7.6	0.0	0.0	-45.3
5985	638688.25	4873855.43	330.80	0	DEN	32	16.0	28.6	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-21.9
5985	638688.25	4873855.43	330.80	0	DEN	63	24.2	28.6	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-13.7
5985	638688.25	4873855.43	330.80	0	DEN	125	30.3	28.6	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-7.7
5985	638688.25	4873855.43	330.80	0	DEN	250	35.8	28.6	0.0	0.0	0.0	61.7	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-2.5
5985	638688.25	4873855.43	330.80	0	DEN	500	41.2	28.6	0.0	0.0	0.0	61.7	0.7	-1.6	0.0	0.0	6.4	0.0	0.0	2.6
5985	638688.25	4873855.43	330.80	0	DEN	1000	47.4	28.6	0.0	0.0	0.0	61.7	1.2	-2.0	0.0	0.0	6.9	0.0	0.0	8.1
5985	638688.25	4873855.43	330.80	0	DEN	2000	46.6	28.6	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.1	0.0	0.0	5.1
5985	638688.25	4873855.43	330.80	0	DEN	4000	42.4	28.6	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	7.4	0.0	0.0	-7.3
5985	638688.25	4873855.43	330.80	0	DEN	8000	39.3	28.6	0.0	0.0	0.0	61.7	39.9	-2.0	0.0	0.0	7.9	0.0	0.0	-39.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5994	638741.08	4873867.77	330.19	0	DEN	32	16.0	30.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-19.2
5994	638741.08	4873867.77	330.19	0	DEN	63	24.2	30.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-11.0
5994	638741.08	4873867.77	330.19	0	DEN	125	30.3	30.1	0.0	0.0	0.0	60.4	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-5.0
5994	638741.08	4873867.77	330.19	0	DEN	250	35.8	30.1	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.5	0.0	0.0	0.3
5994	638741.08	4873867.77	330.19	0	DEN	500	41.2	30.1	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	5.4
5994	638741.08	4873867.77	330.19	0	DEN	1000	47.4	30.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	10.9
5994	638741.08	4873867.77	330.19	0	DEN	2000	46.6	30.1	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.1	0.0	0.0	8.1
5994	638741.08	4873867.77	330.19	0	DEN	4000	42.4	30.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.6	0.0	0.0	-3.4
5994	638741.08	4873867.77	330.19	0	DEN	8000	39.3	30.1	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.4	0.0	0.0	-32.2
6002	638787.27	4873871.26	329.78	0	DEN	32	16.0	27.1	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-20.9
6002	638787.27	4873871.26	329.78	0	DEN	63	24.2	27.1	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-12.7
6002	638787.27	4873871.26	329.78	0	DEN	125	30.3	27.1	0.0	0.0	0.0	59.1	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-6.7
6002	638787.27	4873871.26	329.78	0	DEN	250	35.8	27.1	0.0	0.0	0.0	59.1	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-1.4
6002	638787.27	4873871.26	329.78	0	DEN	500	41.2	27.1	0.0	0.0	0.0	59.1	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	3.6
6002	638787.27	4873871.26	329.78	0	DEN	1000	47.4	27.1	0.0	0.0	0.0	59.1	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	9.2
6002	638787.27	4873871.26	329.78	0	DEN	2000	46.6	27.1	0.0	0.0	0.0	59.1	2.5	-1.6	0.0	0.0	7.2	0.0	0.0	6.5
6002	638787.27	4873871.26	329.78	0	DEN	4000	42.4	27.1	0.0	0.0	0.0	59.1	8.4	-1.6	0.0	0.0	7.8	0.0	0.0	-4.3
6002	638787.27	4873871.26	329.78	0	DEN	8000	39.3	27.1	0.0	0.0	0.0	59.1	29.9	-1.6	0.0	0.0	8.9	0.0	0.0	-29.9
6011	638836.40	4873883.51	329.20	0	DEN	32	16.0	24.0	0.0	0.0	0.0	57.9	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-22.6
6011	638836.40	4873883.51	329.20	0	DEN	63	24.2	24.0	0.0	0.0	0.0	57.9	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-14.5
6011	638836.40	4873883.51	329.20	0	DEN	125	30.3	24.0	0.0	0.0	0.0	57.9	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-8.5
6011	638836.40	4873883.51	329.20	0	DEN	250	35.8	24.0	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-3.2
6011	638836.40	4873883.51	329.20	0	DEN	500	41.2	24.0	0.0	0.0	0.0	57.9	0.4	-1.1	0.0	0.0	6.1	0.0	0.0	1.9
6011	638836.40	4873883.51	329.20	0	DEN	1000	47.4	24.0	0.0	0.0	0.0	57.9	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	7.4
6011	638836.40	4873883.51	329.20	0	DEN	2000	46.6	24.0	0.0	0.0	0.0	57.9	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	4.8
6011	638836.40	4873883.51	329.20	0	DEN	4000	42.4	24.0	0.0	0.0	0.0	57.9	7.2	-1.4	0.0	0.0	8.2	0.0	0.0	-5.4
6011	638836.40	4873883.51	329.20	0	DEN	8000	39.3	24.0	0.0	0.0	0.0	57.9	25.7	-1.4	0.0	0.0	9.6	0.0	0.0	-28.4
6021	638859.49	4873885.26	329.00	0	DEN	32	16.0	21.0	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.9
6021	638859.49	4873885.26	329.00	0	DEN	63	24.2	21.0	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-16.8
6021	638859.49	4873885.26	329.00	0	DEN	125	30.3	21.0	0.0	0.0	0.0	57.2	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-10.8
6021	638859.49	4873885.26	329.00	0	DEN	250	35.8	21.0	0.0	0.0	0.0	57.2	0.2	1.8	0.0	0.0	3.1	0.0	0.0	-5.5
6021	638859.49	4873885.26	329.00	0	DEN	500	41.2	21.0	0.0	0.0	0.0	57.2	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	-0.5
6021	638859.49	4873885.26	329.00	0	DEN	1000	47.4	21.0	0.0	0.0	0.0	57.2	0.7	-1.4	0.0	0.0	6.9	0.0	0.0	5.0
6021	638859.49	4873885.26	329.00	0	DEN	2000	46.6	21.0	0.0	0.0	0.0	57.2	2.0	-1.4	0.0	0.0	7.5	0.0	0.0	2.4
6021	638859.49	4873885.26	329.00	0	DEN	4000	42.4	21.0	0.0	0.0	0.0	57.2	6.7	-1.4	0.0	0.0	8.5	0.0	0.0	-7.5
6021	638859.49	4873885.26	329.00	0	DEN	8000	39.3	21.0	0.0	0.0	0.0	57.2	23.7	-1.4	0.0	0.0	10.0	0.0	0.0	-29.2
6029	638894.16	4873892.76	328.61	0	DEN	32	16.0	21.0	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.1
6029	638894.16	4873892.76	328.61	0	DEN	63	24.2	21.0	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-15.9
6029	638894.16	4873892.76	328.61	0	DEN	125	30.3	21.0	0.0	0.0	0.0	56.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-10.0
6029	638894.16	4873892.76	328.61	0	DEN	250	35.8	21.0	0.0	0.0	0.0	56.3	0.2	1.9	0.0	0.0	3.2	0.0	0.0	-4.7
6029	638894.16	4873892.76	328.61	0	DEN	500	41.2	21.0	0.0	0.0	0.0	56.3	0.4	-0.9	0.0	0.0	6.3	0.0	0.0	0.3
6029	638894.16	4873892.76	328.61	0	DEN	1000	47.4	21.0	0.0	0.0	0.0	56.3	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	5.7
6029	638894.16	4873892.76	328.61	0	DEN	2000	46.6	21.0	0.0	0.0	0.0	56.3	1.8	-1.3	0.0	0.0	7.9	0.0	0.0	2.9
6029	638894.16	4873892.76	328.61	0	DEN	4000	42.4	21.0	0.0	0.0	0.0	56.3	6.0	-1.3	0.0	0.0	9.2	0.0	0.0	-6.8
6029	638894.16	4873892.76	328.61	0	DEN	8000	39.3	21.0	0.0	0.0	0.0	56.3	21.5	-1.3	0.0	0.0	11.0	0.0	0.0	-27.1
6041	638531.82	4873812.74	332.71	1	DEN	4000	42.4	-29.1	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-81.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6041	638531.82	4873812.74	332.71	1	DEN	8000	39.3	-29.1	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-136.9
6051	638535.09	4873813.65	332.67	1	DEN	4000	42.4	2.0	0.0	0.0	0.0	67.0	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-50.0
6051	638535.09	4873813.65	332.67	1	DEN	8000	39.3	2.0	0.0	0.0	0.0	67.0	73.4	-3.0	0.0	0.0	7.8	0.0	2.0	-105.9
6062	638536.96	4873814.18	332.64	1	DEN	4000	42.4	-6.0	0.0	0.0	0.0	66.9	20.5	-3.1	0.0	0.0	7.9	0.0	2.0	-57.9
6062	638536.96	4873814.18	332.64	1	DEN	8000	39.3	-6.0	0.0	0.0	0.0	66.9	73.3	-3.1	0.0	0.0	8.0	0.0	2.0	-113.8
6583	638957.84	4873790.37	326.47	0	DEN	32	16.0	6.1	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-31.1
6583	638957.84	4873790.37	326.47	0	DEN	63	24.2	6.1	0.0	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-23.7
6583	638957.84	4873790.37	326.47	0	DEN	125	30.3	6.1	0.0	0.0	0.0	47.5	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-18.8
6583	638957.84	4873790.37	326.47	0	DEN	250	35.8	6.1	0.0	0.0	0.0	47.5	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-15.1
6583	638957.84	4873790.37	326.47	0	DEN	500	41.2	6.1	0.0	0.0	0.0	47.5	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-12.0
6583	638957.84	4873790.37	326.47	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	47.5	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	-8.4
6583	638957.84	4873790.37	326.47	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	47.5	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-12.4
6583	638957.84	4873790.37	326.47	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	47.5	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-21.0
6583	638957.84	4873790.37	326.47	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	47.5	7.8	-1.0	0.0	0.0	21.0	0.0	0.0	-30.0
6591	638960.75	4873778.93	326.36	0	DEN	32	16.0	6.1	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-30.2
6591	638960.75	4873778.93	326.36	0	DEN	63	24.2	6.1	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-22.9
6591	638960.75	4873778.93	326.36	0	DEN	125	30.3	6.1	0.0	0.0	0.0	46.4	0.0	1.0	0.0	0.0	7.2	0.0	0.0	-18.1
6591	638960.75	4873778.93	326.36	0	DEN	250	35.8	6.1	0.0	0.0	0.0	46.4	0.1	1.8	0.0	0.0	8.2	0.0	0.0	-14.5
6591	638960.75	4873778.93	326.36	0	DEN	500	41.2	6.1	0.0	0.0	0.0	46.4	0.1	-0.7	0.0	0.0	13.0	0.0	0.0	-11.5
6591	638960.75	4873778.93	326.36	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	46.4	0.2	-1.0	0.0	0.0	15.9	0.0	0.0	-8.0
6591	638960.75	4873778.93	326.36	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	46.4	0.6	-1.0	0.0	0.0	18.7	0.0	0.0	-11.9
6591	638960.75	4873778.93	326.36	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	46.4	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-19.8
6591	638960.75	4873778.93	326.36	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	46.4	6.9	-1.0	0.0	0.0	21.0	0.0	0.0	-27.9
6600	638963.47	4873768.55	326.28	0	DEN	32	16.0	6.1	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-29.3
6600	638963.47	4873768.55	326.28	0	DEN	63	24.2	6.1	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-22.1
6600	638963.47	4873768.55	326.28	0	DEN	125	30.3	6.1	0.0	0.0	0.0	45.4	0.0	0.8	0.0	0.0	7.7	0.0	0.0	-17.5
6600	638963.47	4873768.55	326.28	0	DEN	250	35.8	6.1	0.0	0.0	0.0	45.4	0.1	1.6	0.0	0.0	8.8	0.0	0.0	-14.0
6600	638963.47	4873768.55	326.28	0	DEN	500	41.2	6.1	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-11.0
6600	638963.47	4873768.55	326.28	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.5	0.0	0.0	-7.6
6600	638963.47	4873768.55	326.28	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.3	0.0	0.0	-11.5
6600	638963.47	4873768.55	326.28	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.6
6600	638963.47	4873768.55	326.28	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	45.4	6.1	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
6609	638965.32	4873760.73	326.15	0	DEN	32	16.0	3.1	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-32.0
6609	638965.32	4873760.73	326.15	0	DEN	63	24.2	3.1	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-24.9
6609	638965.32	4873760.73	326.15	0	DEN	125	30.3	3.1	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-20.4
6609	638965.32	4873760.73	326.15	0	DEN	250	35.8	3.1	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	9.3	0.0	0.0	-17.0
6609	638965.32	4873760.73	326.15	0	DEN	500	41.2	3.1	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-14.1
6609	638965.32	4873760.73	326.15	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	-10.7
6609	638965.32	4873760.73	326.15	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-14.6
6609	638965.32	4873760.73	326.15	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-20.9
6609	638965.32	4873760.73	326.15	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-28.1
6617	638968.23	4873749.29	326.03	0	DEN	32	16.0	3.1	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-31.6
6617	638968.23	4873749.29	326.03	0	DEN	63	24.2	3.1	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-24.7
6617	638968.23	4873749.29	326.03	0	DEN	125	30.3	3.1	0.0	0.0	0.0	44.2	0.0	0.6	0.0	0.0	8.9	0.0	0.0	-20.3
6617	638968.23	4873749.29	326.03	0	DEN	250	35.8	3.1	0.0	0.0	0.0	44.2	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-17.1
6617	638968.23	4873749.29	326.03	0	DEN	500	41.2	3.1	0.0	0.0	0.0	44.2	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-14.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6617	638968.23	4873749.29	326.03	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	44.2	0.2	-1.1	0.0	0.0	18.1	0.0	0.0	-10.9
6617	638968.23	4873749.29	326.03	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	44.2	0.4	-1.1	0.0	0.0	21.0	0.0	0.0	-14.9
6617	638968.23	4873749.29	326.03	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	44.2	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-20.2
6617	638968.23	4873749.29	326.03	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	44.2	5.3	-1.1	0.0	0.0	21.1	0.0	0.0	-27.1
6626	638953.95	4873807.06	326.79	0	DEN	32	16.0	9.1	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-29.5
6626	638953.95	4873807.06	326.79	0	DEN	63	24.2	9.1	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-21.9
6626	638953.95	4873807.06	326.79	0	DEN	125	30.3	9.1	0.0	0.0	0.0	49.1	0.0	1.3	0.0	0.0	5.8	0.0	0.0	-16.8
6626	638953.95	4873807.06	326.79	0	DEN	250	35.8	9.1	0.0	0.0	0.0	49.1	0.1	2.2	0.0	0.0	6.3	0.0	0.0	-12.8
6626	638953.95	4873807.06	326.79	0	DEN	500	41.2	9.1	0.0	0.0	0.0	49.1	0.2	-0.6	0.0	0.0	11.2	0.0	0.0	-9.5
6626	638953.95	4873807.06	326.79	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	49.1	0.3	-1.0	0.0	0.0	14.0	0.0	0.0	-5.8
6626	638953.95	4873807.06	326.79	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	49.1	0.8	-1.0	0.0	0.0	16.7	0.0	0.0	-9.8
6626	638953.95	4873807.06	326.79	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	49.1	2.6	-1.0	0.0	0.0	19.5	0.0	0.0	-18.7
6626	638953.95	4873807.06	326.79	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	49.1	9.4	-1.0	0.0	0.0	21.0	0.0	0.0	-30.1
6636	638957.26	4873793.52	326.59	0	DEN	32	16.0	9.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-28.4
6636	638957.26	4873793.52	326.59	0	DEN	63	24.2	9.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-20.9
6636	638957.26	4873793.52	326.59	0	DEN	125	30.3	9.1	0.0	0.0	0.0	47.8	0.0	1.2	0.0	0.0	6.3	0.0	0.0	-16.0
6636	638957.26	4873793.52	326.59	0	DEN	250	35.8	9.1	0.0	0.0	0.0	47.8	0.1	2.1	0.0	0.0	7.1	0.0	0.0	-12.2
6636	638957.26	4873793.52	326.59	0	DEN	500	41.2	9.1	0.0	0.0	0.0	47.8	0.1	-0.6	0.0	0.0	12.0	0.0	0.0	-9.0
6636	638957.26	4873793.52	326.59	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	14.9	0.0	0.0	-5.4
6636	638957.26	4873793.52	326.59	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	17.6	0.0	0.0	-9.4
6636	638957.26	4873793.52	326.59	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	20.5	0.0	0.0	-18.0
6636	638957.26	4873793.52	326.59	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	47.8	8.1	-1.0	0.0	0.0	21.0	0.0	0.0	-27.5
6646	638949.39	4873825.26	327.00	0	DEN	32	16.0	12.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-27.9
6646	638949.39	4873825.26	327.00	0	DEN	63	24.2	12.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-20.1
6646	638949.39	4873825.26	327.00	0	DEN	125	30.3	12.2	0.0	0.0	0.0	50.7	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-14.8
6646	638949.39	4873825.26	327.00	0	DEN	250	35.8	12.2	0.0	0.0	0.0	50.7	0.1	2.0	0.0	0.0	5.8	0.0	0.0	-10.7
6646	638949.39	4873825.26	327.00	0	DEN	500	41.2	12.2	0.0	0.0	0.0	50.7	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	-7.1
6646	638949.39	4873825.26	327.00	0	DEN	1000	47.4	12.2	0.0	0.0	0.0	50.7	0.4	-1.2	0.0	0.0	12.9	0.0	0.0	-3.3
6646	638949.39	4873825.26	327.00	0	DEN	2000	46.6	12.2	0.0	0.0	0.0	50.7	0.9	-1.2	0.0	0.0	15.5	0.0	0.0	-7.2
6646	638949.39	4873825.26	327.00	0	DEN	4000	42.4	12.2	0.0	0.0	0.0	50.7	3.2	-1.2	0.0	0.0	18.3	0.0	0.0	-16.4
6646	638949.39	4873825.26	327.00	0	DEN	8000	39.3	12.2	0.0	0.0	0.0	50.7	11.3	-1.2	0.0	0.0	21.2	0.0	0.0	-30.5
6655	638945.31	4873843.00	327.35	0	DEN	32	16.0	9.1	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-32.1
6655	638945.31	4873843.00	327.35	0	DEN	63	24.2	9.1	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-24.2
6655	638945.31	4873843.00	327.35	0	DEN	125	30.3	9.1	0.0	0.0	0.0	52.1	0.0	1.3	0.0	0.0	4.8	0.0	0.0	-18.7
6655	638945.31	4873843.00	327.35	0	DEN	250	35.8	9.1	0.0	0.0	0.0	52.1	0.1	1.9	0.0	0.0	5.2	0.0	0.0	-14.3
6655	638945.31	4873843.00	327.35	0	DEN	500	41.2	9.1	0.0	0.0	0.0	52.1	0.2	-0.8	0.0	0.0	9.4	0.0	0.0	-10.5
6655	638945.31	4873843.00	327.35	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	52.1	0.4	-1.2	0.0	0.0	11.8	0.0	0.0	-6.5
6655	638945.31	4873843.00	327.35	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	52.1	1.1	-1.2	0.0	0.0	14.2	0.0	0.0	-10.4
6655	638945.31	4873843.00	327.35	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	52.1	3.7	-1.2	0.0	0.0	16.9	0.0	0.0	-19.9
6655	638945.31	4873843.00	327.35	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	52.1	13.2	-1.2	0.0	0.0	19.7	0.0	0.0	-35.3
6663	638938.70	4873870.08	327.74	0	DEN	32	16.0	9.1	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-33.7
6663	638938.70	4873870.08	327.74	0	DEN	63	24.2	9.1	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-25.8
6663	638938.70	4873870.08	327.74	0	DEN	125	30.3	9.1	0.0	0.0	0.0	53.9	0.1	1.3	0.0	0.0	4.3	0.0	0.0	-20.1
6663	638938.70	4873870.08	327.74	0	DEN	250	35.8	9.1	0.0	0.0	0.0	53.9	0.1	1.9	0.0	0.0	4.4	0.0	0.0	-15.4
6663	638938.70	4873870.08	327.74	0	DEN	500	41.2	9.1	0.0	0.0	0.0	53.9	0.3	-0.9	0.0	0.0	8.4	0.0	0.0	-11.3
6663	638938.70	4873870.08	327.74	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	53.9	0.5	-1.2	0.0	0.0	10.4	0.0	0.0	-7.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6663	638938.70	4873870.08	327.74	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	53.9	1.3	-1.3	0.0	0.0	12.6	0.0	0.0	-10.8
6663	638938.70	4873870.08	327.74	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	53.9	4.6	-1.3	0.0	0.0	15.1	0.0	0.0	-20.7
6663	638938.70	4873870.08	327.74	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	53.9	16.2	-1.3	0.0	0.0	17.8	0.0	0.0	-38.2
6671	638971.83	4873732.02	325.53	0	DEN	32	16.0	9.1	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-26.1
6671	638971.83	4873732.02	325.53	0	DEN	63	24.2	9.1	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-19.3
6671	638971.83	4873732.02	325.53	0	DEN	125	30.3	9.1	0.0	0.0	0.0	44.4	0.0	0.9	0.0	0.0	9.1	0.0	0.0	-15.1
6671	638971.83	4873732.02	325.53	0	DEN	250	35.8	9.1	0.0	0.0	0.0	44.4	0.0	1.7	0.0	0.0	10.6	0.0	0.0	-11.9
6671	638971.83	4873732.02	325.53	0	DEN	500	41.2	9.1	0.0	0.0	0.0	44.4	0.1	-0.6	0.0	0.0	15.5	0.0	0.0	-9.1
6671	638971.83	4873732.02	325.53	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	44.4	0.2	-0.9	0.0	0.0	18.7	0.0	0.0	-5.8
6671	638971.83	4873732.02	325.53	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	44.4	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-9.2
6671	638971.83	4873732.02	325.53	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	44.4	1.5	-0.9	0.0	0.0	20.9	0.0	0.0	-14.5
6671	638971.83	4873732.02	325.53	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	44.4	5.5	-0.9	0.0	0.0	20.9	0.0	0.0	-21.5
6679	638973.38	4873723.61	325.21	0	DEN	32	16.0	9.1	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-26.5
6679	638973.38	4873723.61	325.21	0	DEN	63	24.2	9.1	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-19.7
6679	638973.38	4873723.61	325.21	0	DEN	125	30.3	9.1	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-15.4
6679	638973.38	4873723.61	325.21	0	DEN	250	35.8	9.1	0.0	0.0	0.0	45.0	0.1	1.5	0.0	0.0	10.5	0.0	0.0	-12.2
6679	638973.38	4873723.61	325.21	0	DEN	500	41.2	9.1	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.3	0.0	0.0	-9.4
6679	638973.38	4873723.61	325.21	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.4	0.0	0.0	-6.1
6679	638973.38	4873723.61	325.21	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-9.8
6679	638973.38	4873723.61	325.21	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.1
6679	638973.38	4873723.61	325.21	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-22.4
6688	638967.99	4873747.36	325.72	0	DEN	32	16.0	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-25.8
6688	638967.99	4873747.36	325.72	0	DEN	63	24.2	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-18.9
6688	638967.99	4873747.36	325.72	0	DEN	125	30.3	9.1	0.0	0.0	0.0	44.3	0.0	0.6	0.0	0.0	9.1	0.0	0.0	-14.6
6688	638967.99	4873747.36	325.72	0	DEN	250	35.8	9.1	0.0	0.0	0.0	44.3	0.0	1.4	0.0	0.0	10.6	0.0	0.0	-11.4
6688	638967.99	4873747.36	325.72	0	DEN	500	41.2	9.1	0.0	0.0	0.0	44.3	0.1	-0.8	0.0	0.0	15.4	0.0	0.0	-8.6
6688	638967.99	4873747.36	325.72	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	44.3	0.2	-1.1	0.0	0.0	18.4	0.0	0.0	-5.3
6688	638967.99	4873747.36	325.72	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	44.3	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	-9.0
6688	638967.99	4873747.36	325.72	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	44.3	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-14.3
6688	638967.99	4873747.36	325.72	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	44.3	5.4	-1.1	0.0	0.0	21.1	0.0	0.0	-21.3
6697	638969.83	4873739.54	325.58	0	DEN	32	16.0	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-26.0
6697	638969.83	4873739.54	325.58	0	DEN	63	24.2	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-19.1
6697	638969.83	4873739.54	325.58	0	DEN	125	30.3	9.1	0.0	0.0	0.0	44.3	0.0	0.8	0.0	0.0	9.3	0.0	0.0	-14.9
6697	638969.83	4873739.54	325.58	0	DEN	250	35.8	9.1	0.0	0.0	0.0	44.3	0.0	1.6	0.0	0.0	10.8	0.0	0.0	-11.8
6697	638969.83	4873739.54	325.58	0	DEN	500	41.2	9.1	0.0	0.0	0.0	44.3	0.1	-0.7	0.0	0.0	15.7	0.0	0.0	-9.0
6697	638969.83	4873739.54	325.58	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	44.3	0.2	-1.0	0.0	0.0	18.8	0.0	0.0	-5.7
6697	638969.83	4873739.54	325.58	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	44.3	0.4	-1.0	0.0	0.0	21.0	0.0	0.0	-9.0
6697	638969.83	4873739.54	325.58	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	44.3	1.5	-1.0	0.0	0.0	21.0	0.0	0.0	-14.2
6697	638969.83	4873739.54	325.58	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	44.3	5.4	-1.0	0.0	0.0	21.0	0.0	0.0	-21.2
6707	638967.75	4873749.76	325.89	0	DEN	32	16.0	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-25.7
6707	638967.75	4873749.76	325.89	0	DEN	63	24.2	9.1	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-18.8
6707	638967.75	4873749.76	325.89	0	DEN	125	30.3	9.1	0.0	0.0	0.0	44.3	0.0	0.6	0.0	0.0	9.0	0.0	0.0	-14.5
6707	638967.75	4873749.76	325.89	0	DEN	250	35.8	9.1	0.0	0.0	0.0	44.3	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-11.2
6707	638967.75	4873749.76	325.89	0	DEN	500	41.2	9.1	0.0	0.0	0.0	44.3	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-8.4
6707	638967.75	4873749.76	325.89	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	44.3	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	-5.1
6707	638967.75	4873749.76	325.89	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	44.3	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	-9.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6707	638967.75	4873749.76	325.89	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	44.3	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-14.3
6707	638967.75	4873749.76	325.89	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	44.3	5.4	-1.1	0.0	0.0	21.1	0.0	0.0	-21.2
6714	638964.83	4873761.19	326.00	0	DEN	32	16.0	9.1	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-26.1
6714	638964.83	4873761.19	326.00	0	DEN	63	24.2	9.1	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-19.0
6714	638964.83	4873761.19	326.00	0	DEN	125	30.3	9.1	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-14.5
6714	638964.83	4873761.19	326.00	0	DEN	250	35.8	9.1	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-11.1
6714	638964.83	4873761.19	326.00	0	DEN	500	41.2	9.1	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-8.2
6714	638964.83	4873761.19	326.00	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	-4.8
6714	638964.83	4873761.19	326.00	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-8.8
6714	638964.83	4873761.19	326.00	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.0
6714	638964.83	4873761.19	326.00	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-22.3
6723	638962.31	4873770.53	326.04	0	DEN	32	16.0	9.1	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-26.6
6723	638962.31	4873770.53	326.04	0	DEN	63	24.2	9.1	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-19.5
6723	638962.31	4873770.53	326.04	0	DEN	125	30.3	9.1	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	7.7	0.0	0.0	-14.9
6723	638962.31	4873770.53	326.04	0	DEN	250	35.8	9.1	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	8.9	0.0	0.0	-11.4
6723	638962.31	4873770.53	326.04	0	DEN	500	41.2	9.1	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-8.4
6723	638962.31	4873770.53	326.04	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	-5.0
6723	638962.31	4873770.53	326.04	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	19.5	0.0	0.0	-8.9
6723	638962.31	4873770.53	326.04	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-15.9
6723	638962.31	4873770.53	326.04	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-23.6
6732	638960.07	4873780.45	326.26	0	DEN	32	16.0	6.1	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-30.4
6732	638960.07	4873780.45	326.26	0	DEN	63	24.2	6.1	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-23.1
6732	638960.07	4873780.45	326.26	0	DEN	125	30.3	6.1	0.0	0.0	0.0	46.6	0.0	1.1	0.0	0.0	7.1	0.0	0.0	-18.3
6732	638960.07	4873780.45	326.26	0	DEN	250	35.8	6.1	0.0	0.0	0.0	46.6	0.1	2.0	0.0	0.0	8.1	0.0	0.0	-14.7
6732	638960.07	4873780.45	326.26	0	DEN	500	41.2	6.1	0.0	0.0	0.0	46.6	0.1	-0.6	0.0	0.0	12.9	0.0	0.0	-11.7
6732	638960.07	4873780.45	326.26	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	46.6	0.2	-1.0	0.0	0.0	15.9	0.0	0.0	-8.2
6732	638960.07	4873780.45	326.26	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	46.6	0.6	-1.0	0.0	0.0	18.7	0.0	0.0	-12.2
6732	638960.07	4873780.45	326.26	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	46.6	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-20.0
6732	638960.07	4873780.45	326.26	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	46.6	7.0	-1.0	0.0	0.0	21.0	0.0	0.0	-28.2
6741	638957.16	4873791.89	326.37	0	DEN	32	16.0	6.1	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-31.3
6741	638957.16	4873791.89	326.37	0	DEN	63	24.2	6.1	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-23.9
6741	638957.16	4873791.89	326.37	0	DEN	125	30.3	6.1	0.0	0.0	0.0	47.7	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-19.0
6741	638957.16	4873791.89	326.37	0	DEN	250	35.8	6.1	0.0	0.0	0.0	47.7	0.1	2.2	0.0	0.0	7.3	0.0	0.0	-15.3
6741	638957.16	4873791.89	326.37	0	DEN	500	41.2	6.1	0.0	0.0	0.0	47.7	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-12.2
6741	638957.16	4873791.89	326.37	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	47.7	0.3	-1.0	0.0	0.0	15.2	0.0	0.0	-8.6
6741	638957.16	4873791.89	326.37	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	47.7	0.7	-1.0	0.0	0.0	17.9	0.0	0.0	-12.6
6741	638957.16	4873791.89	326.37	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	47.7	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-21.3
6741	638957.16	4873791.89	326.37	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	47.7	8.0	-1.0	0.0	0.0	21.0	0.0	0.0	-30.3
6750	638932.81	4873894.67	328.14	1	DEN	1000	47.4	-8.1	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-28.3
6750	638932.81	4873894.67	328.14	1	DEN	2000	46.6	-8.1	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-32.4
6750	638932.81	4873894.67	328.14	1	DEN	4000	42.4	-8.1	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-43.4
6750	638932.81	4873894.67	328.14	1	DEN	8000	39.3	-8.1	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-64.5
6791	638967.74	4873738.94	325.48	0	DEN	32	16.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-32.5
6791	638967.74	4873738.94	325.48	0	DEN	63	24.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-25.6
6791	638967.74	4873738.94	325.48	0	DEN	125	30.3	2.8	0.0	0.0	0.0	44.7	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-21.3
6791	638967.74	4873738.94	325.48	0	DEN	250	35.8	2.8	0.0	0.0	0.0	44.7	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-18.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6791	638967.74	4873738.94	325.48	0	DEN	500	41.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-15.2
6791	638967.74	4873738.94	325.48	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-11.9
6791	638967.74	4873738.94	325.48	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-15.8
6791	638967.74	4873738.94	325.48	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.1
6791	638967.74	4873738.94	325.48	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	44.7	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-28.2
6800	638965.13	4873749.81	325.67	0	DEN	32	16.0	-0.2	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-35.4
6800	638965.13	4873749.81	325.67	0	DEN	63	24.2	-0.2	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-28.4
6800	638965.13	4873749.81	325.67	0	DEN	125	30.3	-0.2	0.0	0.0	0.0	44.8	0.0	0.6	0.0	0.0	8.6	0.0	0.0	-24.0
6800	638965.13	4873749.81	325.67	0	DEN	250	35.8	-0.2	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	10.0	0.0	0.0	-20.6
6800	638965.13	4873749.81	325.67	0	DEN	500	41.2	-0.2	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.7	0.0	0.0	-17.8
6800	638965.13	4873749.81	325.67	0	DEN	1000	47.4	-0.2	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.7	0.0	0.0	-14.4
6800	638965.13	4873749.81	325.67	0	DEN	2000	46.6	-0.2	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.6	0.0	0.0	-18.4
6800	638965.13	4873749.81	325.67	0	DEN	4000	42.4	-0.2	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.2
6800	638965.13	4873749.81	325.67	0	DEN	8000	39.3	-0.2	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-31.4
6808	638963.14	4873758.45	325.82	0	DEN	32	16.0	-0.2	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-35.6
6808	638963.14	4873758.45	325.82	0	DEN	63	24.2	-0.2	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-28.5
6808	638963.14	4873758.45	325.82	0	DEN	125	30.3	-0.2	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-23.9
6808	638963.14	4873758.45	325.82	0	DEN	250	35.8	-0.2	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-20.5
6808	638963.14	4873758.45	325.82	0	DEN	500	41.2	-0.2	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-17.6
6808	638963.14	4873758.45	325.82	0	DEN	1000	47.4	-0.2	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	-14.2
6808	638963.14	4873758.45	325.82	0	DEN	2000	46.6	-0.2	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	19.8	0.0	0.0	-18.1
6808	638963.14	4873758.45	325.82	0	DEN	4000	42.4	-0.2	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.7
6808	638963.14	4873758.45	325.82	0	DEN	8000	39.3	-0.2	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-32.0
6815	638970.93	4873724.93	325.24	0	DEN	32	16.0	2.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-32.9
6815	638970.93	4873724.93	325.24	0	DEN	63	24.2	2.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-25.9
6815	638970.93	4873724.93	325.24	0	DEN	125	30.3	2.8	0.0	0.0	0.0	45.2	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-21.5
6815	638970.93	4873724.93	325.24	0	DEN	250	35.8	2.8	0.0	0.0	0.0	45.2	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-18.2
6815	638970.93	4873724.93	325.24	0	DEN	500	41.2	2.8	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	14.8	0.0	0.0	-15.4
6815	638970.93	4873724.93	325.24	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.8	0.0	0.0	-12.1
6815	638970.93	4873724.93	325.24	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	20.7	0.0	0.0	-16.0
6815	638970.93	4873724.93	325.24	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-21.7
6815	638970.93	4873724.93	325.24	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-29.2
6823	638968.93	4873733.57	325.39	0	DEN	32	16.0	2.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-32.7
6823	638968.93	4873733.57	325.39	0	DEN	63	24.2	2.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-25.7
6823	638968.93	4873733.57	325.39	0	DEN	125	30.3	2.8	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.8	0.0	0.0	-21.4
6823	638968.93	4873733.57	325.39	0	DEN	250	35.8	2.8	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	10.2	0.0	0.0	-18.2
6823	638968.93	4873733.57	325.39	0	DEN	500	41.2	2.8	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	15.1	0.0	0.0	-15.4
6823	638968.93	4873733.57	325.39	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-12.1
6823	638968.93	4873733.57	325.39	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-15.9
6823	638968.93	4873733.57	325.39	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.2
6823	638968.93	4873733.57	325.39	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-28.5
6830	638972.64	4873717.86	325.12	0	DEN	32	16.0	2.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-33.2
6830	638972.64	4873717.86	325.12	0	DEN	63	24.2	2.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-26.2
6830	638972.64	4873717.86	325.12	0	DEN	125	30.3	2.8	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.2	0.0	0.0	-21.7
6830	638972.64	4873717.86	325.12	0	DEN	250	35.8	2.8	0.0	0.0	0.0	45.7	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-18.4
6830	638972.64	4873717.86	325.12	0	DEN	500	41.2	2.8	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.4	0.0	0.0	-15.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6830	638972.64	4873717.86	325.12	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	-12.1
6830	638972.64	4873717.86	325.12	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	45.7	0.5	-1.0	0.0	0.0	20.3	0.0	0.0	-16.1
6830	638972.64	4873717.86	325.12	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	45.7	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-22.3
6830	638972.64	4873717.86	325.12	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	45.7	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-30.0
6839	638974.83	4873708.17	324.95	0	DEN	32	16.0	2.8	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-33.9
6839	638974.83	4873708.17	324.95	0	DEN	63	24.2	2.8	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-26.7
6839	638974.83	4873708.17	324.95	0	DEN	125	30.3	2.8	0.0	0.0	0.0	46.5	0.0	1.1	0.0	0.0	7.5	0.0	0.0	-22.1
6839	638974.83	4873708.17	324.95	0	DEN	250	35.8	2.8	0.0	0.0	0.0	46.5	0.1	2.1	0.0	0.0	8.7	0.0	0.0	-18.7
6839	638974.83	4873708.17	324.95	0	DEN	500	41.2	2.8	0.0	0.0	0.0	46.5	0.1	-0.6	0.0	0.0	13.7	0.0	0.0	-15.8
6839	638974.83	4873708.17	324.95	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	46.5	0.2	-0.9	0.0	0.0	16.7	0.0	0.0	-12.4
6839	638974.83	4873708.17	324.95	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	46.5	0.6	-0.9	0.0	0.0	19.6	0.0	0.0	-16.4
6839	638974.83	4873708.17	324.95	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	46.5	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-23.3
6839	638974.83	4873708.17	324.95	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	46.5	7.0	-0.9	0.0	0.0	20.9	0.0	0.0	-31.4
6847	638976.12	4873702.27	324.85	0	DEN	32	16.0	2.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-34.4
6847	638976.12	4873702.27	324.85	0	DEN	63	24.2	2.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-27.2
6847	638976.12	4873702.27	324.85	0	DEN	125	30.3	2.8	0.0	0.0	0.0	47.0	0.0	1.3	0.0	0.0	7.4	0.0	0.0	-22.6
6847	638976.12	4873702.27	324.85	0	DEN	250	35.8	2.8	0.0	0.0	0.0	47.0	0.1	2.2	0.0	0.0	8.4	0.0	0.0	-19.2
6847	638976.12	4873702.27	324.85	0	DEN	500	41.2	2.8	0.0	0.0	0.0	47.0	0.1	-0.5	0.0	0.0	13.6	0.0	0.0	-16.3
6847	638976.12	4873702.27	324.85	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	47.0	0.2	-0.9	0.0	0.0	16.6	0.0	0.0	-12.8
6847	638976.12	4873702.27	324.85	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	47.0	0.6	-0.9	0.0	0.0	19.5	0.0	0.0	-16.9
6847	638976.12	4873702.27	324.85	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	47.0	2.1	-0.9	0.0	0.0	20.9	0.0	0.0	-24.0
6847	638976.12	4873702.27	324.85	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	47.0	7.4	-0.9	0.0	0.0	20.9	0.0	0.0	-32.4
6856	638980.12	4873684.99	324.55	0	DEN	32	16.0	2.8	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-35.9
6856	638980.12	4873684.99	324.55	0	DEN	63	24.2	2.8	0.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-28.6
6856	638980.12	4873684.99	324.55	0	DEN	125	30.3	2.8	0.0	0.0	0.0	48.6	0.0	1.4	0.0	0.0	7.0	0.0	0.0	-24.0
6856	638980.12	4873684.99	324.55	0	DEN	250	35.8	2.8	0.0	0.0	0.0	48.6	0.1	2.4	0.0	0.0	7.9	0.0	0.0	-20.5
6856	638980.12	4873684.99	324.55	0	DEN	500	41.2	2.8	0.0	0.0	0.0	48.6	0.1	-0.5	0.0	0.0	13.2	0.0	0.0	-17.5
6856	638980.12	4873684.99	324.55	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	48.6	0.3	-0.9	0.0	0.0	16.3	0.0	0.0	-14.1
6856	638980.12	4873684.99	324.55	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	48.6	0.7	-1.0	0.0	0.0	19.1	0.0	0.0	-18.1
6856	638980.12	4873684.99	324.55	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	48.6	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-26.0
6856	638980.12	4873684.99	324.55	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	48.6	8.9	-1.0	0.0	0.0	21.0	0.0	0.0	-35.5
6866	638959.88	4873773.91	326.08	0	DEN	32	16.0	5.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-30.4
6866	638959.88	4873773.91	326.08	0	DEN	63	24.2	5.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-23.1
6866	638959.88	4873773.91	326.08	0	DEN	125	30.3	5.8	0.0	0.0	0.0	46.2	0.0	0.9	0.0	0.0	7.3	0.0	0.0	-18.3
6866	638959.88	4873773.91	326.08	0	DEN	250	35.8	5.8	0.0	0.0	0.0	46.2	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-14.8
6866	638959.88	4873773.91	326.08	0	DEN	500	41.2	5.8	0.0	0.0	0.0	46.2	0.1	-0.7	0.0	0.0	13.1	0.0	0.0	-11.7
6866	638959.88	4873773.91	326.08	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	46.2	0.2	-1.1	0.0	0.0	16.0	0.0	0.0	-8.2
6866	638959.88	4873773.91	326.08	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	46.2	0.6	-1.1	0.0	0.0	18.8	0.0	0.0	-12.2
6866	638959.88	4873773.91	326.08	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	46.2	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-20.0
6866	638959.88	4873773.91	326.08	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	46.2	6.7	-1.1	0.0	0.0	21.1	0.0	0.0	-27.9
6874	638962.07	4873764.22	325.91	0	DEN	32	16.0	5.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-29.8
6874	638962.07	4873764.22	325.91	0	DEN	63	24.2	5.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-22.6
6874	638962.07	4873764.22	325.91	0	DEN	125	30.3	5.8	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-18.0
6874	638962.07	4873764.22	325.91	0	DEN	250	35.8	5.8	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-14.5
6874	638962.07	4873764.22	325.91	0	DEN	500	41.2	5.8	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	13.6	0.0	0.0	-11.6
6874	638962.07	4873764.22	325.91	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	16.6	0.0	0.0	-8.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6874	638962.07	4873764.22	325.91	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.5	0.0	0.0	-12.1
6874	638962.07	4873764.22	325.91	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-19.0
6874	638962.07	4873764.22	325.91	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-26.6
6912	638963.55	4873757.28	325.79	0	DEN	32	16.0	5.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-29.5
6912	638963.55	4873757.28	325.79	0	DEN	63	24.2	5.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-22.4
6912	638963.55	4873757.28	325.79	0	DEN	125	30.3	5.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-17.9
6912	638963.55	4873757.28	325.79	0	DEN	250	35.8	5.8	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.3	0.0	0.0	-14.5
6912	638963.55	4873757.28	325.79	0	DEN	500	41.2	5.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-11.6
6912	638963.55	4873757.28	325.79	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-8.2
6912	638963.55	4873757.28	325.79	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-12.2
6912	638963.55	4873757.28	325.79	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	45.0	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.5
6912	638963.55	4873757.28	325.79	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-25.9
6922	638966.06	4873746.94	325.61	0	DEN	32	16.0	2.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-32.4
6922	638966.06	4873746.94	325.61	0	DEN	63	24.2	2.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-25.4
6922	638966.06	4873746.94	325.61	0	DEN	125	30.3	2.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.8	0.0	0.0	-21.0
6922	638966.06	4873746.94	325.61	0	DEN	250	35.8	2.8	0.0	0.0	0.0	44.6	0.1	1.4	0.0	0.0	10.2	0.0	0.0	-17.7
6922	638966.06	4873746.94	325.61	0	DEN	500	41.2	2.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	14.9	0.0	0.0	-14.9
6922	638966.06	4873746.94	325.61	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-11.5
6922	638966.06	4873746.94	325.61	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-15.5
6922	638966.06	4873746.94	325.61	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.1
6922	638966.06	4873746.94	325.61	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-28.2
6931	638968.26	4873737.24	325.45	0	DEN	32	16.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-32.5
6931	638968.26	4873737.24	325.45	0	DEN	63	24.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-25.6
6931	638968.26	4873737.24	325.45	0	DEN	125	30.3	2.8	0.0	0.0	0.0	44.7	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-21.3
6931	638968.26	4873737.24	325.45	0	DEN	250	35.8	2.8	0.0	0.0	0.0	44.7	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-18.1
6931	638968.26	4873737.24	325.45	0	DEN	500	41.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-15.3
6931	638968.26	4873737.24	325.45	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-12.0
6931	638968.26	4873737.24	325.45	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-15.8
6931	638968.26	4873737.24	325.45	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.1
6931	638968.26	4873737.24	325.45	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	44.7	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-28.3
6940	638958.36	4873779.93	326.18	0	DEN	32	16.0	5.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-30.8
6940	638958.36	4873779.93	326.18	0	DEN	63	24.2	5.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.5
6940	638958.36	4873779.93	326.18	0	DEN	125	30.3	5.8	0.0	0.0	0.0	46.8	0.0	0.9	0.0	0.0	7.0	0.0	0.0	-18.7
6940	638958.36	4873779.93	326.18	0	DEN	250	35.8	5.8	0.0	0.0	0.0	46.8	0.1	1.8	0.0	0.0	7.9	0.0	0.0	-15.0
6940	638958.36	4873779.93	326.18	0	DEN	500	41.2	5.8	0.0	0.0	0.0	46.8	0.1	-0.7	0.0	0.0	12.7	0.0	0.0	-11.9
6940	638958.36	4873779.93	326.18	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	46.8	0.2	-1.1	0.0	0.0	15.6	0.0	0.0	-8.4
6940	638958.36	4873779.93	326.18	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	46.8	0.6	-1.1	0.0	0.0	18.4	0.0	0.0	-12.3
6940	638958.36	4873779.93	326.18	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	46.8	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	-20.6
6940	638958.36	4873779.93	326.18	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	46.8	7.2	-1.1	0.0	0.0	21.1	0.0	0.0	-28.9
6949	638955.98	4873790.67	326.36	0	DEN	32	16.0	5.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-31.6
6949	638955.98	4873790.67	326.36	0	DEN	63	24.2	5.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-24.2
6949	638955.98	4873790.67	326.36	0	DEN	125	30.3	5.8	0.0	0.0	0.0	47.8	0.0	1.2	0.0	0.0	6.3	0.0	0.0	-19.3
6949	638955.98	4873790.67	326.36	0	DEN	250	35.8	5.8	0.0	0.0	0.0	47.8	0.1	2.1	0.0	0.0	7.1	0.0	0.0	-15.5
6949	638955.98	4873790.67	326.36	0	DEN	500	41.2	5.8	0.0	0.0	0.0	47.8	0.1	-0.6	0.0	0.0	12.0	0.0	0.0	-12.3
6949	638955.98	4873790.67	326.36	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	14.9	0.0	0.0	-8.7
6949	638955.98	4873790.67	326.36	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	17.6	0.0	0.0	-12.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6949	638955.98	4873790.67	326.36	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	20.5	0.0	0.0	-21.3
6949	638955.98	4873790.67	326.36	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	47.8	8.0	-1.0	0.0	0.0	21.0	0.0	0.0	-30.7
6959	638954.40	4873798.14	326.49	0	DEN	32	16.0	5.8	0.0	0.0	0.0	48.4	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-32.2
6959	638954.40	4873798.14	326.49	0	DEN	63	24.2	5.8	0.0	0.0	0.0	48.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-24.7
6959	638954.40	4873798.14	326.49	0	DEN	125	30.3	5.8	0.0	0.0	0.0	48.4	0.0	1.1	0.0	0.0	6.1	0.0	0.0	-19.7
6959	638954.40	4873798.14	326.49	0	DEN	250	35.8	5.8	0.0	0.0	0.0	48.4	0.1	2.1	0.0	0.0	6.8	0.0	0.0	-15.8
6959	638954.40	4873798.14	326.49	0	DEN	500	41.2	5.8	0.0	0.0	0.0	48.4	0.1	-0.7	0.0	0.0	11.6	0.0	0.0	-12.6
6959	638954.40	4873798.14	326.49	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	48.4	0.3	-1.1	0.0	0.0	14.5	0.0	0.0	-8.9
6959	638954.40	4873798.14	326.49	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	48.4	0.7	-1.1	0.0	0.0	17.2	0.0	0.0	-12.9
6959	638954.40	4873798.14	326.49	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	48.4	2.4	-1.1	0.0	0.0	20.0	0.0	0.0	-21.7
6959	638954.40	4873798.14	326.49	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	48.4	8.7	-1.1	0.0	0.0	21.1	0.0	0.0	-32.1
6968	638950.40	4873815.43	326.79	0	DEN	32	16.0	5.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-33.6
6968	638950.40	4873815.43	326.79	0	DEN	63	24.2	5.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-25.9
6968	638950.40	4873815.43	326.79	0	DEN	125	30.3	5.8	0.0	0.0	0.0	50.0	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-20.7
6968	638950.40	4873815.43	326.79	0	DEN	250	35.8	5.8	0.0	0.0	0.0	50.0	0.1	2.2	0.0	0.0	5.9	0.0	0.0	-16.6
6968	638950.40	4873815.43	326.79	0	DEN	500	41.2	5.8	0.0	0.0	0.0	50.0	0.2	-0.7	0.0	0.0	10.6	0.0	0.0	-13.1
6968	638950.40	4873815.43	326.79	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	50.0	0.3	-1.1	0.0	0.0	13.3	0.0	0.0	-9.4
6968	638950.40	4873815.43	326.79	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	50.0	0.9	-1.1	0.0	0.0	15.9	0.0	0.0	-13.3
6968	638950.40	4873815.43	326.79	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	50.0	2.9	-1.1	0.0	0.0	18.7	0.0	0.0	-22.3
6968	638950.40	4873815.43	326.79	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	50.0	10.4	-1.1	0.0	0.0	21.1	0.0	0.0	-35.3
6978	638949.82	4873818.57	326.84	0	DEN	32	16.0	2.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-36.8
6978	638949.82	4873818.57	326.84	0	DEN	63	24.2	2.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-29.1
6978	638949.82	4873818.57	326.84	0	DEN	125	30.3	2.8	0.0	0.0	0.0	50.2	0.0	1.3	0.0	0.0	5.3	0.0	0.0	-23.9
6978	638949.82	4873818.57	326.84	0	DEN	250	35.8	2.8	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	5.8	0.0	0.0	-19.7
6978	638949.82	4873818.57	326.84	0	DEN	500	41.2	2.8	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-16.2
6978	638949.82	4873818.57	326.84	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	13.1	0.0	0.0	-12.5
6978	638949.82	4873818.57	326.84	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	15.7	0.0	0.0	-16.4
6978	638949.82	4873818.57	326.84	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	18.5	0.0	0.0	-25.5
6978	638949.82	4873818.57	326.84	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	50.2	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-38.8
6987	638953.82	4873801.29	326.54	0	DEN	32	16.0	2.8	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-35.5
6987	638953.82	4873801.29	326.54	0	DEN	63	24.2	2.8	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-27.9
6987	638953.82	4873801.29	326.54	0	DEN	125	30.3	2.8	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	6.0	0.0	0.0	-22.9
6987	638953.82	4873801.29	326.54	0	DEN	250	35.8	2.8	0.0	0.0	0.0	48.7	0.1	2.1	0.0	0.0	6.6	0.0	0.0	-19.0
6987	638953.82	4873801.29	326.54	0	DEN	500	41.2	2.8	0.0	0.0	0.0	48.7	0.1	-0.7	0.0	0.0	11.5	0.0	0.0	-15.7
6987	638953.82	4873801.29	326.54	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	48.7	0.3	-1.1	0.0	0.0	14.3	0.0	0.0	-12.1
6987	638953.82	4873801.29	326.54	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	48.7	0.7	-1.1	0.0	0.0	17.0	0.0	0.0	-16.0
6987	638953.82	4873801.29	326.54	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	48.7	2.5	-1.1	0.0	0.0	19.8	0.0	0.0	-24.8
6987	638953.82	4873801.29	326.54	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	48.7	9.0	-1.1	0.0	0.0	21.1	0.0	0.0	-35.6
6997	638947.44	4873829.32	327.02	0	DEN	32	16.0	5.8	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-34.6
6997	638947.44	4873829.32	327.02	0	DEN	63	24.2	5.8	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-26.8
6997	638947.44	4873829.32	327.02	0	DEN	125	30.3	5.8	0.0	0.0	0.0	51.1	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-21.4
6997	638947.44	4873829.32	327.02	0	DEN	250	35.8	5.8	0.0	0.0	0.0	51.1	0.1	1.8	0.0	0.0	5.7	0.0	0.0	-17.2
6997	638947.44	4873829.32	327.02	0	DEN	500	41.2	5.8	0.0	0.0	0.0	51.1	0.2	-0.9	0.0	0.0	10.1	0.0	0.0	-13.5
6997	638947.44	4873829.32	327.02	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	51.1	0.4	-1.2	0.0	0.0	12.6	0.0	0.0	-9.7
6997	638947.44	4873829.32	327.02	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	51.1	1.0	-1.2	0.0	0.0	15.1	0.0	0.0	-13.6
6997	638947.44	4873829.32	327.02	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	51.1	3.3	-1.2	0.0	0.0	17.8	0.0	0.0	-22.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
6997	638947.44	4873829.32	327.02	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	51.1	11.8	-1.2	0.0	0.0	20.7	0.0	0.0	-37.3
7006	638943.25	4873847.65	327.33	0	DEN	32	16.0	5.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-35.8
7006	638943.25	4873847.65	327.33	0	DEN	63	24.2	5.8	0.0	0.0	0.0	52.4	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-27.9
7006	638943.25	4873847.65	327.33	0	DEN	125	30.3	5.8	0.0	0.0	0.0	52.4	0.0	1.2	0.0	0.0	4.8	0.0	0.0	-22.4
7006	638943.25	4873847.65	327.33	0	DEN	250	35.8	5.8	0.0	0.0	0.0	52.4	0.1	1.8	0.0	0.0	5.1	0.0	0.0	-17.9
7006	638943.25	4873847.65	327.33	0	DEN	500	41.2	5.8	0.0	0.0	0.0	52.4	0.2	-0.9	0.0	0.0	9.2	0.0	0.0	-14.0
7006	638943.25	4873847.65	327.33	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	52.4	0.4	-1.2	0.0	0.0	11.5	0.0	0.0	-10.0
7006	638943.25	4873847.65	327.33	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	52.4	1.1	-1.3	0.0	0.0	13.9	0.0	0.0	-13.8
7006	638943.25	4873847.65	327.33	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	52.4	3.9	-1.3	0.0	0.0	16.5	0.0	0.0	-23.4
7006	638943.25	4873847.65	327.33	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	52.4	13.8	-1.3	0.0	0.0	19.3	0.0	0.0	-39.2
7013	638938.48	4873869.13	327.70	0	DEN	32	16.0	5.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-37.1
7013	638938.48	4873869.13	327.70	0	DEN	63	24.2	5.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-29.1
7013	638938.48	4873869.13	327.70	0	DEN	125	30.3	5.8	0.0	0.0	0.0	53.8	0.1	1.3	0.0	0.0	4.3	0.0	0.0	-23.4
7013	638938.48	4873869.13	327.70	0	DEN	250	35.8	5.8	0.0	0.0	0.0	53.8	0.1	1.9	0.0	0.0	4.5	0.0	0.0	-18.7
7013	638938.48	4873869.13	327.70	0	DEN	500	41.2	5.8	0.0	0.0	0.0	53.8	0.3	-0.9	0.0	0.0	8.4	0.0	0.0	-14.6
7013	638938.48	4873869.13	327.70	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	53.8	0.5	-1.3	0.0	0.0	10.4	0.0	0.0	-10.3
7013	638938.48	4873869.13	327.70	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	53.8	1.3	-1.3	0.0	0.0	12.6	0.0	0.0	-14.1
7013	638938.48	4873869.13	327.70	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	53.8	4.5	-1.3	0.0	0.0	15.1	0.0	0.0	-24.0
7013	638938.48	4873869.13	327.70	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	53.8	16.2	-1.3	0.0	0.0	17.8	0.0	0.0	-41.4
7022	638985.02	4873660.61	324.15	0	DEN	32	16.0	11.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-28.7
7022	638985.02	4873660.61	324.15	0	DEN	63	24.2	11.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-21.3
7022	638985.02	4873660.61	324.15	0	DEN	125	30.3	11.8	0.0	0.0	0.0	50.7	0.0	1.4	0.0	0.0	6.4	0.0	0.0	-16.4
7022	638985.02	4873660.61	324.15	0	DEN	250	35.8	11.8	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-12.7
7022	638985.02	4873660.61	324.15	0	DEN	500	41.2	11.8	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	12.4	0.0	0.0	-9.6
7022	638985.02	4873660.61	324.15	0	DEN	1000	47.4	11.8	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-6.1
7022	638985.02	4873660.61	324.15	0	DEN	2000	46.6	11.8	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	18.1	0.0	0.0	-10.3
7022	638985.02	4873660.61	324.15	0	DEN	4000	42.4	11.8	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	21.0	0.0	0.0	-19.6
7022	638985.02	4873660.61	324.15	0	DEN	8000	39.3	11.8	0.0	0.0	0.0	50.7	11.3	-1.1	0.0	0.0	21.1	0.0	0.0	-31.0
7030	638981.86	4873675.55	324.40	0	DEN	32	16.0	8.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-30.6
7030	638981.86	4873675.55	324.40	0	DEN	63	24.2	8.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-23.3
7030	638981.86	4873675.55	324.40	0	DEN	125	30.3	8.8	0.0	0.0	0.0	49.5	0.0	1.5	0.0	0.0	6.6	0.0	0.0	-18.5
7030	638981.86	4873675.55	324.40	0	DEN	250	35.8	8.8	0.0	0.0	0.0	49.5	0.1	2.5	0.0	0.0	7.5	0.0	0.0	-14.9
7030	638981.86	4873675.55	324.40	0	DEN	500	41.2	8.8	0.0	0.0	0.0	49.5	0.2	-0.5	0.0	0.0	12.8	0.0	0.0	-11.9
7030	638981.86	4873675.55	324.40	0	DEN	1000	47.4	8.8	0.0	0.0	0.0	49.5	0.3	-0.9	0.0	0.0	15.8	0.0	0.0	-8.5
7030	638981.86	4873675.55	324.40	0	DEN	2000	46.6	8.8	0.0	0.0	0.0	49.5	0.8	-1.0	0.0	0.0	18.6	0.0	0.0	-12.6
7030	638981.86	4873675.55	324.40	0	DEN	4000	42.4	8.8	0.0	0.0	0.0	49.5	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-21.1
7030	638981.86	4873675.55	324.40	0	DEN	8000	39.3	8.8	0.0	0.0	0.0	49.5	9.8	-1.0	0.0	0.0	21.0	0.0	0.0	-31.2
7039	638978.64	4873688.63	324.63	0	DEN	32	16.0	8.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-29.5
7039	638978.64	4873688.63	324.63	0	DEN	63	24.2	8.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-22.3
7039	638978.64	4873688.63	324.63	0	DEN	125	30.3	8.8	0.0	0.0	0.0	48.3	0.0	1.2	0.0	0.0	7.1	0.0	0.0	-17.6
7039	638978.64	4873688.63	324.63	0	DEN	250	35.8	8.8	0.0	0.0	0.0	48.3	0.1	2.2	0.0	0.0	8.1	0.0	0.0	-14.1
7039	638978.64	4873688.63	324.63	0	DEN	500	41.2	8.8	0.0	0.0	0.0	48.3	0.1	-0.6	0.0	0.0	13.2	0.0	0.0	-11.1
7039	638978.64	4873688.63	324.63	0	DEN	1000	47.4	8.8	0.0	0.0	0.0	48.3	0.3	-1.0	0.0	0.0	16.2	0.0	0.0	-7.6
7039	638978.64	4873688.63	324.63	0	DEN	2000	46.6	8.8	0.0	0.0	0.0	48.3	0.7	-1.0	0.0	0.0	19.0	0.0	0.0	-11.7
7039	638978.64	4873688.63	324.63	0	DEN	4000	42.4	8.8	0.0	0.0	0.0	48.3	2.4	-1.0	0.0	0.0	21.0	0.0	0.0	-19.6
7039	638978.64	4873688.63	324.63	0	DEN	8000	39.3	8.8	0.0	0.0	0.0	48.3	8.6	-1.0	0.0	0.0	21.0	0.0	0.0	-28.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7048	638977.48	4873694.93	324.73	0	DEN	32	16.0	5.8	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-32.0
7048	638977.48	4873694.93	324.73	0	DEN	63	24.2	5.8	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-24.8
7048	638977.48	4873694.93	324.73	0	DEN	125	30.3	5.8	0.0	0.0	0.0	47.7	0.0	1.1	0.0	0.0	7.4	0.0	0.0	-20.2
7048	638977.48	4873694.93	324.73	0	DEN	250	35.8	5.8	0.0	0.0	0.0	47.7	0.1	2.0	0.0	0.0	8.5	0.0	0.0	-16.7
7048	638977.48	4873694.93	324.73	0	DEN	500	41.2	5.8	0.0	0.0	0.0	47.7	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-13.8
7048	638977.48	4873694.93	324.73	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	47.7	0.3	-1.1	0.0	0.0	16.6	0.0	0.0	-10.3
7048	638977.48	4873694.93	324.73	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	47.7	0.7	-1.1	0.0	0.0	19.4	0.0	0.0	-14.4
7048	638977.48	4873694.93	324.73	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	47.7	2.3	-1.1	0.0	0.0	21.1	0.0	0.0	-21.8
7048	638977.48	4873694.93	324.73	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	47.7	8.0	-1.1	0.0	0.0	21.1	0.0	0.0	-30.7
7056	638980.70	4873681.84	324.50	0	DEN	32	16.0	5.8	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-33.1
7056	638980.70	4873681.84	324.50	0	DEN	63	24.2	5.8	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-25.8
7056	638980.70	4873681.84	324.50	0	DEN	125	30.3	5.8	0.0	0.0	0.0	48.9	0.0	1.5	0.0	0.0	6.8	0.0	0.0	-21.2
7056	638980.70	4873681.84	324.50	0	DEN	250	35.8	5.8	0.0	0.0	0.0	48.9	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-17.6
7056	638980.70	4873681.84	324.50	0	DEN	500	41.2	5.8	0.0	0.0	0.0	48.9	0.2	-0.5	0.0	0.0	13.0	0.0	0.0	-14.6
7056	638980.70	4873681.84	324.50	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	48.9	0.3	-0.9	0.0	0.0	16.1	0.0	0.0	-11.2
7056	638980.70	4873681.84	324.50	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	48.9	0.8	-0.9	0.0	0.0	18.9	0.0	0.0	-15.3
7056	638980.70	4873681.84	324.50	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	48.9	2.6	-0.9	0.0	0.0	20.9	0.0	0.0	-23.3
7056	638980.70	4873681.84	324.50	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	48.9	9.2	-0.9	0.0	0.0	20.9	0.0	0.0	-33.0
7065	638975.09	4873705.67	324.91	0	DEN	32	16.0	8.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-28.1
7065	638975.09	4873705.67	324.91	0	DEN	63	24.2	8.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-20.9
7065	638975.09	4873705.67	324.91	0	DEN	125	30.3	8.8	0.0	0.0	0.0	46.8	0.0	1.2	0.0	0.0	7.4	0.0	0.0	-16.3
7065	638975.09	4873705.67	324.91	0	DEN	250	35.8	8.8	0.0	0.0	0.0	46.8	0.1	2.1	0.0	0.0	8.5	0.0	0.0	-12.8
7065	638975.09	4873705.67	324.91	0	DEN	500	41.2	8.8	0.0	0.0	0.0	46.8	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-9.9
7065	638975.09	4873705.67	324.91	0	DEN	1000	47.4	8.8	0.0	0.0	0.0	46.8	0.2	-0.9	0.0	0.0	16.6	0.0	0.0	-6.5
7065	638975.09	4873705.67	324.91	0	DEN	2000	46.6	8.8	0.0	0.0	0.0	46.8	0.6	-0.9	0.0	0.0	19.4	0.0	0.0	-10.5
7065	638975.09	4873705.67	324.91	0	DEN	4000	42.4	8.8	0.0	0.0	0.0	46.8	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-17.6
7065	638975.09	4873705.67	324.91	0	DEN	8000	39.3	8.8	0.0	0.0	0.0	46.8	7.2	-0.9	0.0	0.0	20.9	0.0	0.0	-25.8
7074	638972.68	4873715.48	325.09	0	DEN	32	16.0	5.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-30.4
7074	638972.68	4873715.48	325.09	0	DEN	63	24.2	5.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-23.3
7074	638972.68	4873715.48	325.09	0	DEN	125	30.3	5.8	0.0	0.0	0.0	45.9	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-18.7
7074	638972.68	4873715.48	325.09	0	DEN	250	35.8	5.8	0.0	0.0	0.0	45.9	0.1	1.8	0.0	0.0	9.1	0.0	0.0	-15.3
7074	638972.68	4873715.48	325.09	0	DEN	500	41.2	5.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	14.0	0.0	0.0	-12.4
7074	638972.68	4873715.48	325.09	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	45.9	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-9.0
7074	638972.68	4873715.48	325.09	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	45.9	0.5	-1.0	0.0	0.0	19.9	0.0	0.0	-13.0
7074	638972.68	4873715.48	325.09	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	45.9	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-19.6
7074	638972.68	4873715.48	325.09	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	45.9	6.5	-1.0	0.0	0.0	21.0	0.0	0.0	-27.4
7084	638970.29	4873726.23	325.27	0	DEN	32	16.0	5.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-29.9
7084	638970.29	4873726.23	325.27	0	DEN	63	24.2	5.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-22.9
7084	638970.29	4873726.23	325.27	0	DEN	125	30.3	5.8	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-18.5
7084	638970.29	4873726.23	325.27	0	DEN	250	35.8	5.8	0.0	0.0	0.0	45.2	0.1	1.8	0.0	0.0	9.7	0.0	0.0	-15.2
7084	638970.29	4873726.23	325.27	0	DEN	500	41.2	5.8	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	14.7	0.0	0.0	-12.4
7084	638970.29	4873726.23	325.27	0	DEN	1000	47.4	5.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	-9.0
7084	638970.29	4873726.23	325.27	0	DEN	2000	46.6	5.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-13.0
7084	638970.29	4873726.23	325.27	0	DEN	4000	42.4	5.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-18.7
7084	638970.29	4873726.23	325.27	0	DEN	8000	39.3	5.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
7092	638969.71	4873729.37	325.32	0	DEN	32	16.0	2.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-32.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7092	638969.71	4873729.37	325.32	0	DEN	63	24.2	2.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-25.8
7092	638969.71	4873729.37	325.32	0	DEN	125	30.3	2.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.6	0.0	0.0	-21.5
7092	638969.71	4873729.37	325.32	0	DEN	250	35.8	2.8	0.0	0.0	0.0	45.0	0.1	1.8	0.0	0.0	9.9	0.0	0.0	-18.2
7092	638969.71	4873729.37	325.32	0	DEN	500	41.2	2.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.9	0.0	0.0	-15.4
7092	638969.71	4873729.37	325.32	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	45.0	0.2	-0.9	0.0	0.0	17.9	0.0	0.0	-12.0
7092	638969.71	4873729.37	325.32	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.8	0.0	0.0	-16.0
7092	638969.71	4873729.37	325.32	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.5
7092	638969.71	4873729.37	325.32	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-28.8
7099	638967.71	4873738.02	325.47	0	DEN	32	16.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-32.5
7099	638967.71	4873738.02	325.47	0	DEN	63	24.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-25.6
7099	638967.71	4873738.02	325.47	0	DEN	125	30.3	2.8	0.0	0.0	0.0	44.7	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-21.3
7099	638967.71	4873738.02	325.47	0	DEN	250	35.8	2.8	0.0	0.0	0.0	44.7	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-18.0
7099	638967.71	4873738.02	325.47	0	DEN	500	41.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-15.2
7099	638967.71	4873738.02	325.47	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-11.9
7099	638967.71	4873738.02	325.47	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-15.8
7099	638967.71	4873738.02	325.47	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.1
7099	638967.71	4873738.02	325.47	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	44.7	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-28.3
7107	638965.91	4873745.61	325.60	0	DEN	32	16.0	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-32.4
7107	638965.91	4873745.61	325.60	0	DEN	63	24.2	2.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-25.4
7107	638965.91	4873745.61	325.60	0	DEN	125	30.3	2.8	0.0	0.0	0.0	44.7	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-21.0
7107	638965.91	4873745.61	325.60	0	DEN	250	35.8	2.8	0.0	0.0	0.0	44.7	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-17.7
7107	638965.91	4873745.61	325.60	0	DEN	500	41.2	2.8	0.0	0.0	0.0	44.7	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-14.9
7107	638965.91	4873745.61	325.60	0	DEN	1000	47.4	2.8	0.0	0.0	0.0	44.7	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-11.5
7107	638965.91	4873745.61	325.60	0	DEN	2000	46.6	2.8	0.0	0.0	0.0	44.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-15.5
7107	638965.91	4873745.61	325.60	0	DEN	4000	42.4	2.8	0.0	0.0	0.0	44.7	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.1
7107	638965.91	4873745.61	325.60	0	DEN	8000	39.3	2.8	0.0	0.0	0.0	44.7	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-28.3
7114	638964.52	4873752.03	325.71	0	DEN	32	16.0	-0.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-35.4
7114	638964.52	4873752.03	325.71	0	DEN	63	24.2	-0.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-28.4
7114	638964.52	4873752.03	325.71	0	DEN	125	30.3	-0.2	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-23.9
7114	638964.52	4873752.03	325.71	0	DEN	250	35.8	-0.2	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	9.8	0.0	0.0	-20.6
7114	638964.52	4873752.03	325.71	0	DEN	500	41.2	-0.2	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.5	0.0	0.0	-17.7
7114	638964.52	4873752.03	325.71	0	DEN	1000	47.4	-0.2	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	-14.3
7114	638964.52	4873752.03	325.71	0	DEN	2000	46.6	-0.2	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-18.3
7114	638964.52	4873752.03	325.71	0	DEN	4000	42.4	-0.2	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
7114	638964.52	4873752.03	325.71	0	DEN	8000	39.3	-0.2	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
7121	638962.52	4873760.67	325.86	0	DEN	32	16.0	-0.2	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-35.7
7121	638962.52	4873760.67	325.86	0	DEN	63	24.2	-0.2	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-28.5
7121	638962.52	4873760.67	325.86	0	DEN	125	30.3	-0.2	0.0	0.0	0.0	45.3	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-23.9
7121	638962.52	4873760.67	325.86	0	DEN	250	35.8	-0.2	0.0	0.0	0.0	45.3	0.1	1.7	0.0	0.0	9.0	0.0	0.0	-20.5
7121	638962.52	4873760.67	325.86	0	DEN	500	41.2	-0.2	0.0	0.0	0.0	45.3	0.1	-0.7	0.0	0.0	13.8	0.0	0.0	-17.6
7121	638962.52	4873760.67	325.86	0	DEN	1000	47.4	-0.2	0.0	0.0	0.0	45.3	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	-14.1
7121	638962.52	4873760.67	325.86	0	DEN	2000	46.6	-0.2	0.0	0.0	0.0	45.3	0.5	-1.0	0.0	0.0	19.6	0.0	0.0	-18.1
7121	638962.52	4873760.67	325.86	0	DEN	4000	42.4	-0.2	0.0	0.0	0.0	45.3	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.8
7121	638962.52	4873760.67	325.86	0	DEN	8000	39.3	-0.2	0.0	0.0	0.0	45.3	6.1	-1.0	0.0	0.0	21.0	0.0	0.0	-32.3
7130	638932.75	4873894.62	328.13	1	DEN	1000	47.4	-11.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-31.4
7130	638932.75	4873894.62	328.13	1	DEN	2000	46.6	-11.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-35.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7130	638932.75	4873894.62	328.13	1	DEN	4000	42.4	-11.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-46.6
7130	638932.75	4873894.62	328.13	1	DEN	8000	39.3	-11.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-67.7
7148	638971.72	4873712.98	324.48	0	DEN	32	16.0	7.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-28.9
7148	638971.72	4873712.98	324.48	0	DEN	63	24.2	7.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-21.8
7148	638971.72	4873712.98	324.48	0	DEN	125	30.3	7.7	0.0	0.0	0.0	46.3	0.0	1.0	0.0	0.0	8.0	0.0	0.0	-17.3
7148	638971.72	4873712.98	324.48	0	DEN	250	35.8	7.7	0.0	0.0	0.0	46.3	0.1	1.9	0.0	0.0	9.2	0.0	0.0	-14.0
7148	638971.72	4873712.98	324.48	0	DEN	500	41.2	7.7	0.0	0.0	0.0	46.3	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-11.1
7148	638971.72	4873712.98	324.48	0	DEN	1000	47.4	7.7	0.0	0.0	0.0	46.3	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-7.7
7148	638971.72	4873712.98	324.48	0	DEN	2000	46.6	7.7	0.0	0.0	0.0	46.3	0.6	-1.0	0.0	0.0	20.2	0.0	0.0	-11.7
7148	638971.72	4873712.98	324.48	0	DEN	4000	42.4	7.7	0.0	0.0	0.0	46.3	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-18.1
7148	638971.72	4873712.98	324.48	0	DEN	8000	39.3	7.7	0.0	0.0	0.0	46.3	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
7157	638970.03	4873721.15	324.70	0	DEN	32	16.0	4.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-31.4
7157	638970.03	4873721.15	324.70	0	DEN	63	24.2	4.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-24.4
7157	638970.03	4873721.15	324.70	0	DEN	125	30.3	4.7	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.6	0.0	0.0	-20.0
7157	638970.03	4873721.15	324.70	0	DEN	250	35.8	4.7	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	10.0	0.0	0.0	-16.8
7157	638970.03	4873721.15	324.70	0	DEN	500	41.2	4.7	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.8	0.0	0.0	-13.9
7157	638970.03	4873721.15	324.70	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	45.7	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-10.6
7157	638970.03	4873721.15	324.70	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-14.6
7157	638970.03	4873721.15	324.70	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-20.4
7157	638970.03	4873721.15	324.70	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-28.0
7163	638966.46	4873737.24	324.93	0	DEN	32	16.0	4.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-31.0
7163	638966.46	4873737.24	324.93	0	DEN	63	24.2	4.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-24.1
7163	638966.46	4873737.24	324.93	0	DEN	125	30.3	4.7	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-19.8
7163	638966.46	4873737.24	324.93	0	DEN	250	35.8	4.7	0.0	0.0	0.0	45.0	0.1	1.6	0.0	0.0	10.5	0.0	0.0	-16.6
7163	638966.46	4873737.24	324.93	0	DEN	500	41.2	4.7	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.4	0.0	0.0	-13.9
7163	638966.46	4873737.24	324.93	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.5	0.0	0.0	-10.5
7163	638966.46	4873737.24	324.93	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-14.1
7163	638966.46	4873737.24	324.93	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-19.5
7163	638966.46	4873737.24	324.93	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	45.0	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-26.8
7171	638966.54	4873737.33	325.01	0	DEN	32	16.0	1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-33.9
7171	638966.54	4873737.33	325.01	0	DEN	63	24.2	1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-27.0
7171	638966.54	4873737.33	325.01	0	DEN	125	30.3	1.7	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-22.8
7171	638966.54	4873737.33	325.01	0	DEN	250	35.8	1.7	0.0	0.0	0.0	45.0	0.1	1.6	0.0	0.0	10.4	0.0	0.0	-19.5
7171	638966.54	4873737.33	325.01	0	DEN	500	41.2	1.7	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.3	0.0	0.0	-16.8
7171	638966.54	4873737.33	325.01	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.4	0.0	0.0	-13.4
7171	638966.54	4873737.33	325.01	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-17.1
7171	638966.54	4873737.33	325.01	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
7171	638966.54	4873737.33	325.01	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	45.0	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-29.8
7179	638970.11	4873721.24	324.78	0	DEN	32	16.0	1.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-34.4
7179	638970.11	4873721.24	324.78	0	DEN	63	24.2	1.7	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-27.4
7179	638970.11	4873721.24	324.78	0	DEN	125	30.3	1.7	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-23.0
7179	638970.11	4873721.24	324.78	0	DEN	250	35.8	1.7	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-19.7
7179	638970.11	4873721.24	324.78	0	DEN	500	41.2	1.7	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-16.9
7179	638970.11	4873721.24	324.78	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	45.7	0.2	-1.1	0.0	0.0	17.8	0.0	0.0	-13.5
7179	638970.11	4873721.24	324.78	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-17.5
7179	638970.11	4873721.24	324.78	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-23.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7179	638970.11	4873721.24	324.78	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-31.0
7185	638964.80	4873745.43	325.17	0	DEN	32	16.0	4.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-30.7
7185	638964.80	4873745.43	325.17	0	DEN	63	24.2	4.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-23.8
7185	638964.80	4873745.43	325.17	0	DEN	125	30.3	4.7	0.0	0.0	0.0	44.9	0.0	0.7	0.0	0.0	8.9	0.0	0.0	-19.5
7185	638964.80	4873745.43	325.17	0	DEN	250	35.8	4.7	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	10.3	0.0	0.0	-16.2
7185	638964.80	4873745.43	325.17	0	DEN	500	41.2	4.7	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-13.4
7185	638964.80	4873745.43	325.17	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	-10.1
7185	638964.80	4873745.43	325.17	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-14.0
7185	638964.80	4873745.43	325.17	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-19.4
7185	638964.80	4873745.43	325.17	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-26.7
7190	638961.26	4873761.55	325.43	0	DEN	32	16.0	4.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-31.0
7190	638961.26	4873761.55	325.43	0	DEN	63	24.2	4.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-23.9
7190	638961.26	4873761.55	325.43	0	DEN	125	30.3	4.7	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-19.4
7190	638961.26	4873761.55	325.43	0	DEN	250	35.8	4.7	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-16.0
7190	638961.26	4873761.55	325.43	0	DEN	500	41.2	4.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.1	0.0	0.0	-13.1
7190	638961.26	4873761.55	325.43	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-9.7
7190	638961.26	4873761.55	325.43	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-13.7
7190	638961.26	4873761.55	325.43	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
7190	638961.26	4873761.55	325.43	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-27.7
7194	638959.55	4873769.68	325.62	0	DEN	32	16.0	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-34.4
7194	638959.55	4873769.68	325.62	0	DEN	63	24.2	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-27.2
7194	638959.55	4873769.68	325.62	0	DEN	125	30.3	1.7	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-22.5
7194	638959.55	4873769.68	325.62	0	DEN	250	35.8	1.7	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-19.1
7194	638959.55	4873769.68	325.62	0	DEN	500	41.2	1.7	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-16.1
7194	638959.55	4873769.68	325.62	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.5	0.0	0.0	-12.6
7194	638959.55	4873769.68	325.62	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.4	0.0	0.0	-16.6
7194	638959.55	4873769.68	325.62	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-23.8
7194	638959.55	4873769.68	325.62	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-31.7
7198	638956.03	4873785.83	325.90	0	DEN	32	16.0	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-35.5
7198	638956.03	4873785.83	325.90	0	DEN	63	24.2	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-28.2
7198	638956.03	4873785.83	325.90	0	DEN	125	30.3	1.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.8	0.0	0.0	-23.4
7198	638956.03	4873785.83	325.90	0	DEN	250	35.8	1.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-19.7
7198	638956.03	4873785.83	325.90	0	DEN	500	41.2	1.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.6	0.0	0.0	-16.6
7198	638956.03	4873785.83	325.90	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.5	0.0	0.0	-13.1
7198	638956.03	4873785.83	325.90	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.3	0.0	0.0	-17.1
7198	638956.03	4873785.83	325.90	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
7198	638956.03	4873785.83	325.90	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	47.4	7.8	-1.0	0.0	0.0	21.0	0.0	0.0	-34.2
7205	638959.61	4873769.76	325.69	0	DEN	32	16.0	-1.3	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-37.4
7205	638959.61	4873769.76	325.69	0	DEN	63	24.2	-1.3	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-30.1
7205	638959.61	4873769.76	325.69	0	DEN	125	30.3	-1.3	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-25.5
7205	638959.61	4873769.76	325.69	0	DEN	250	35.8	-1.3	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.7	0.0	0.0	-22.0
7205	638959.61	4873769.76	325.69	0	DEN	500	41.2	-1.3	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.5	0.0	0.0	-19.0
7205	638959.61	4873769.76	325.69	0	DEN	1000	47.4	-1.3	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	-15.6
7205	638959.61	4873769.76	325.69	0	DEN	2000	46.6	-1.3	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.3	0.0	0.0	-19.5
7205	638959.61	4873769.76	325.69	0	DEN	4000	42.4	-1.3	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-26.8
7205	638959.61	4873769.76	325.69	0	DEN	8000	39.3	-1.3	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-34.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7213	638956.06	4873785.88	325.94	0	DEN	32	16.0	-1.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-38.5
7213	638956.06	4873785.88	325.94	0	DEN	63	24.2	-1.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-31.1
7213	638956.06	4873785.88	325.94	0	DEN	125	30.3	-1.3	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-26.3
7213	638956.06	4873785.88	325.94	0	DEN	250	35.8	-1.3	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-22.7
7213	638956.06	4873785.88	325.94	0	DEN	500	41.2	-1.3	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-19.6
7213	638956.06	4873785.88	325.94	0	DEN	1000	47.4	-1.3	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.5	0.0	0.0	-16.1
7213	638956.06	4873785.88	325.94	0	DEN	2000	46.6	-1.3	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.3	0.0	0.0	-20.0
7213	638956.06	4873785.88	325.94	0	DEN	4000	42.4	-1.3	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-28.5
7213	638956.06	4873785.88	325.94	0	DEN	8000	39.3	-1.3	0.0	0.0	0.0	47.4	7.8	-1.0	0.0	0.0	21.0	0.0	0.0	-37.2
7219	638961.36	4873761.67	325.53	0	DEN	32	16.0	1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-34.0
7219	638961.36	4873761.67	325.53	0	DEN	63	24.2	1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-26.9
7219	638961.36	4873761.67	325.53	0	DEN	125	30.3	1.7	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-22.3
7219	638961.36	4873761.67	325.53	0	DEN	250	35.8	1.7	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	9.1	0.0	0.0	-18.9
7219	638961.36	4873761.67	325.53	0	DEN	500	41.2	1.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.0	0.0	0.0	-16.0
7219	638961.36	4873761.67	325.53	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	-12.6
7219	638961.36	4873761.67	325.53	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.9	0.0	0.0	-16.6
7219	638961.36	4873761.67	325.53	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-23.1
7219	638961.36	4873761.67	325.53	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-30.7
7226	638964.02	4873749.58	325.34	0	DEN	32	16.0	-1.3	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-36.7
7226	638964.02	4873749.58	325.34	0	DEN	63	24.2	-1.3	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-29.7
7226	638964.02	4873749.58	325.34	0	DEN	125	30.3	-1.3	0.0	0.0	0.0	45.0	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-25.3
7226	638964.02	4873749.58	325.34	0	DEN	250	35.8	-1.3	0.0	0.0	0.0	45.0	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-22.0
7226	638964.02	4873749.58	325.34	0	DEN	500	41.2	-1.3	0.0	0.0	0.0	45.0	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-19.2
7226	638964.02	4873749.58	325.34	0	DEN	1000	47.4	-1.3	0.0	0.0	0.0	45.0	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-15.8
7226	638964.02	4873749.58	325.34	0	DEN	2000	46.6	-1.3	0.0	0.0	0.0	45.0	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-19.8
7226	638964.02	4873749.58	325.34	0	DEN	4000	42.4	-1.3	0.0	0.0	0.0	45.0	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-25.5
7226	638964.02	4873749.58	325.34	0	DEN	8000	39.3	-1.3	0.0	0.0	0.0	45.0	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-32.8
7232	638965.76	4873741.49	325.19	0	DEN	32	16.0	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-36.8
7232	638965.76	4873741.49	325.19	0	DEN	63	24.2	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-29.8
7232	638965.76	4873741.49	325.19	0	DEN	125	30.3	-1.3	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-25.5
7232	638965.76	4873741.49	325.19	0	DEN	250	35.8	-1.3	0.0	0.0	0.0	44.9	0.1	1.5	0.0	0.0	10.3	0.0	0.0	-22.3
7232	638965.76	4873741.49	325.19	0	DEN	500	41.2	-1.3	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-19.5
7232	638965.76	4873741.49	325.19	0	DEN	1000	47.4	-1.3	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-16.1
7232	638965.76	4873741.49	325.19	0	DEN	2000	46.6	-1.3	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
7232	638965.76	4873741.49	325.19	0	DEN	4000	42.4	-1.3	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.4
7232	638965.76	4873741.49	325.19	0	DEN	8000	39.3	-1.3	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-32.7
7238	638966.63	4873737.43	325.10	0	DEN	32	16.0	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-36.9
7238	638966.63	4873737.43	325.10	0	DEN	63	24.2	-1.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-30.0
7238	638966.63	4873737.43	325.10	0	DEN	125	30.3	-1.3	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-25.7
7238	638966.63	4873737.43	325.10	0	DEN	250	35.8	-1.3	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-22.5
7238	638966.63	4873737.43	325.10	0	DEN	500	41.2	-1.3	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-19.7
7238	638966.63	4873737.43	325.10	0	DEN	1000	47.4	-1.3	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-16.3
7238	638966.63	4873737.43	325.10	0	DEN	2000	46.6	-1.3	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
7238	638966.63	4873737.43	325.10	0	DEN	4000	42.4	-1.3	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
7238	638966.63	4873737.43	325.10	0	DEN	8000	39.3	-1.3	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-32.8
7245	638970.15	4873721.28	324.81	0	DEN	32	16.0	-1.3	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-37.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7245	638970.15	4873721.28	324.81	0	DEN	63	24.2	-1.3	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-30.4
7245	638970.15	4873721.28	324.81	0	DEN	125	30.3	-1.3	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-26.0
7245	638970.15	4873721.28	324.81	0	DEN	250	35.8	-1.3	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-22.7
7245	638970.15	4873721.28	324.81	0	DEN	500	41.2	-1.3	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-19.8
7245	638970.15	4873721.28	324.81	0	DEN	1000	47.4	-1.3	0.0	0.0	0.0	45.7	0.2	-1.1	0.0	0.0	17.8	0.0	0.0	-16.5
7245	638970.15	4873721.28	324.81	0	DEN	2000	46.6	-1.3	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	20.6	0.0	0.0	-20.4
7245	638970.15	4873721.28	324.81	0	DEN	4000	42.4	-1.3	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-26.3
7245	638970.15	4873721.28	324.81	0	DEN	8000	39.3	-1.3	0.0	0.0	0.0	45.7	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-34.0
7252	638954.38	4873794.04	326.16	0	DEN	32	16.0	4.7	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-33.1
7252	638954.38	4873794.04	326.16	0	DEN	63	24.2	4.7	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-25.6
7252	638954.38	4873794.04	326.16	0	DEN	125	30.3	4.7	0.0	0.0	0.0	48.2	0.0	1.2	0.0	0.0	6.3	0.0	0.0	-20.7
7252	638954.38	4873794.04	326.16	0	DEN	250	35.8	4.7	0.0	0.0	0.0	48.2	0.1	2.2	0.0	0.0	7.1	0.0	0.0	-16.9
7252	638954.38	4873794.04	326.16	0	DEN	500	41.2	4.7	0.0	0.0	0.0	48.2	0.1	-0.6	0.0	0.0	12.0	0.0	0.0	-13.7
7252	638954.38	4873794.04	326.16	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	48.2	0.3	-1.0	0.0	0.0	14.9	0.0	0.0	-10.2
7252	638954.38	4873794.04	326.16	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	48.2	0.7	-1.0	0.0	0.0	17.6	0.0	0.0	-14.1
7252	638954.38	4873794.04	326.16	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	48.2	2.4	-1.0	0.0	0.0	20.5	0.0	0.0	-22.9
7252	638954.38	4873794.04	326.16	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	48.2	8.4	-1.0	0.0	0.0	21.0	0.0	0.0	-32.6
7258	638956.10	4873785.92	325.98	0	DEN	32	16.0	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-35.5
7258	638956.10	4873785.92	325.98	0	DEN	63	24.2	1.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-28.1
7258	638956.10	4873785.92	325.98	0	DEN	125	30.3	1.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-23.3
7258	638956.10	4873785.92	325.98	0	DEN	250	35.8	1.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.5	0.0	0.0	-19.6
7258	638956.10	4873785.92	325.98	0	DEN	500	41.2	1.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-16.5
7258	638956.10	4873785.92	325.98	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.4	0.0	0.0	-13.0
7258	638956.10	4873785.92	325.98	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.2	0.0	0.0	-17.0
7258	638956.10	4873785.92	325.98	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
7258	638956.10	4873785.92	325.98	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-34.2
7265	638959.65	4873769.80	325.72	0	DEN	32	16.0	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-34.4
7265	638959.65	4873769.80	325.72	0	DEN	63	24.2	1.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-27.1
7265	638959.65	4873769.80	325.72	0	DEN	125	30.3	1.7	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-22.5
7265	638959.65	4873769.80	325.72	0	DEN	250	35.8	1.7	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.7	0.0	0.0	-18.9
7265	638959.65	4873769.80	325.72	0	DEN	500	41.2	1.7	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-16.0
7265	638959.65	4873769.80	325.72	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	-12.5
7265	638959.65	4873769.80	325.72	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.2	0.0	0.0	-16.4
7265	638959.65	4873769.80	325.72	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-23.8
7265	638959.65	4873769.80	325.72	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-31.7
7273	638950.85	4873810.17	326.43	0	DEN	32	16.0	4.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-34.3
7273	638950.85	4873810.17	326.43	0	DEN	63	24.2	4.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-26.7
7273	638950.85	4873810.17	326.43	0	DEN	125	30.3	4.7	0.0	0.0	0.0	49.6	0.0	1.2	0.0	0.0	5.8	0.0	0.0	-21.6
7273	638950.85	4873810.17	326.43	0	DEN	250	35.8	4.7	0.0	0.0	0.0	49.6	0.1	2.1	0.0	0.0	6.4	0.0	0.0	-17.6
7273	638950.85	4873810.17	326.43	0	DEN	500	41.2	4.7	0.0	0.0	0.0	49.6	0.2	-0.7	0.0	0.0	11.2	0.0	0.0	-14.3
7273	638950.85	4873810.17	326.43	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	49.6	0.3	-1.1	0.0	0.0	13.9	0.0	0.0	-10.6
7273	638950.85	4873810.17	326.43	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	49.6	0.8	-1.1	0.0	0.0	16.6	0.0	0.0	-14.6
7273	638950.85	4873810.17	326.43	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	49.6	2.8	-1.1	0.0	0.0	19.4	0.0	0.0	-23.6
7273	638950.85	4873810.17	326.43	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	49.6	9.9	-1.1	0.0	0.0	21.1	0.0	0.0	-35.5
7280	638949.14	4873818.31	326.62	0	DEN	32	16.0	1.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-37.9
7280	638949.14	4873818.31	326.62	0	DEN	63	24.2	1.7	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-30.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7280	638949.14	4873818.31	326.62	0	DEN	125	30.3	1.7	0.0	0.0	0.0	50.2	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-25.0
7280	638949.14	4873818.31	326.62	0	DEN	250	35.8	1.7	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	5.9	0.0	0.0	-20.9
7280	638949.14	4873818.31	326.62	0	DEN	500	41.2	1.7	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	10.7	0.0	0.0	-17.5
7280	638949.14	4873818.31	326.62	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	13.4	0.0	0.0	-13.7
7280	638949.14	4873818.31	326.62	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	16.0	0.0	0.0	-17.7
7280	638949.14	4873818.31	326.62	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	18.8	0.0	0.0	-26.8
7280	638949.14	4873818.31	326.62	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	50.2	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-40.0
7288	638945.61	4873834.45	326.90	0	DEN	32	16.0	1.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-39.0
7288	638945.61	4873834.45	326.90	0	DEN	63	24.2	1.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-31.2
7288	638945.61	4873834.45	326.90	0	DEN	125	30.3	1.7	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.3	0.0	0.0	-25.9
7288	638945.61	4873834.45	326.90	0	DEN	250	35.8	1.7	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.8	0.0	0.0	-21.6
7288	638945.61	4873834.45	326.90	0	DEN	500	41.2	1.7	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	10.0	0.0	0.0	-17.9
7288	638945.61	4873834.45	326.90	0	DEN	1000	47.4	1.7	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.5	0.0	0.0	-14.0
7288	638945.61	4873834.45	326.90	0	DEN	2000	46.6	1.7	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	15.0	0.0	0.0	-18.0
7288	638945.61	4873834.45	326.90	0	DEN	4000	42.4	1.7	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.8	0.0	0.0	-27.3
7288	638945.61	4873834.45	326.90	0	DEN	8000	39.3	1.7	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.6	0.0	0.0	-42.2
7296	638945.66	4873834.51	326.96	0	DEN	32	16.0	4.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-36.0
7296	638945.66	4873834.51	326.96	0	DEN	63	24.2	4.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-28.2
7296	638945.66	4873834.51	326.96	0	DEN	125	30.3	4.7	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-22.8
7296	638945.66	4873834.51	326.96	0	DEN	250	35.8	4.7	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.7	0.0	0.0	-18.5
7296	638945.66	4873834.51	326.96	0	DEN	500	41.2	4.7	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	10.0	0.0	0.0	-14.9
7296	638945.66	4873834.51	326.96	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.4	0.0	0.0	-11.0
7296	638945.66	4873834.51	326.96	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.9	0.0	0.0	-14.9
7296	638945.66	4873834.51	326.96	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.7	0.0	0.0	-24.3
7296	638945.66	4873834.51	326.96	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.5	0.0	0.0	-39.1
7306	638938.67	4873866.87	327.57	0	DEN	32	16.0	4.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-38.0
7306	638938.67	4873866.87	327.57	0	DEN	63	24.2	4.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-30.0
7306	638938.67	4873866.87	327.57	0	DEN	125	30.3	4.7	0.0	0.0	0.0	53.7	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-24.4
7306	638938.67	4873866.87	327.57	0	DEN	250	35.8	4.7	0.0	0.0	0.0	53.7	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-19.8
7306	638938.67	4873866.87	327.57	0	DEN	500	41.2	4.7	0.0	0.0	0.0	53.7	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	-15.7
7306	638938.67	4873866.87	327.57	0	DEN	1000	47.4	4.7	0.0	0.0	0.0	53.7	0.5	-1.3	0.0	0.0	10.6	0.0	0.0	-11.4
7306	638938.67	4873866.87	327.57	0	DEN	2000	46.6	4.7	0.0	0.0	0.0	53.7	1.3	-1.3	0.0	0.0	12.8	0.0	0.0	-15.2
7306	638938.67	4873866.87	327.57	0	DEN	4000	42.4	4.7	0.0	0.0	0.0	53.7	4.5	-1.3	0.0	0.0	15.4	0.0	0.0	-25.1
7306	638938.67	4873866.87	327.57	0	DEN	8000	39.3	4.7	0.0	0.0	0.0	53.7	15.9	-1.3	0.0	0.0	18.1	0.0	0.0	-42.4
7314	638993.91	4873609.67	322.41	0	DEN	32	16.0	13.5	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-30.2
7314	638993.91	4873609.67	322.41	0	DEN	63	24.2	13.5	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-22.6
7314	638993.91	4873609.67	322.41	0	DEN	125	30.3	13.5	0.0	0.0	0.0	54.2	0.1	1.4	0.0	0.0	5.5	0.0	0.0	-17.5
7314	638993.91	4873609.67	322.41	0	DEN	250	35.8	13.5	0.0	0.0	0.0	54.2	0.2	2.0	0.0	0.0	6.4	0.0	0.0	-13.5
7314	638993.91	4873609.67	322.41	0	DEN	500	41.2	13.5	0.0	0.0	0.0	54.2	0.3	-0.9	0.0	0.0	11.2	0.0	0.0	-10.2
7314	638993.91	4873609.67	322.41	0	DEN	1000	47.4	13.5	0.0	0.0	0.0	54.2	0.5	-1.2	0.0	0.0	13.9	0.0	0.0	-6.6
7314	638993.91	4873609.67	322.41	0	DEN	2000	46.6	13.5	0.0	0.0	0.0	54.2	1.4	-1.2	0.0	0.0	16.6	0.0	0.0	-10.9
7314	638993.91	4873609.67	322.41	0	DEN	4000	42.4	13.5	0.0	0.0	0.0	54.2	4.8	-1.2	0.0	0.0	19.4	0.0	0.0	-21.3
7314	638993.91	4873609.67	322.41	0	DEN	8000	39.3	13.5	0.0	0.0	0.0	54.2	16.9	-1.2	0.0	0.0	21.2	0.0	0.0	-38.4
7321	638989.85	4873629.13	322.89	0	DEN	32	16.0	10.5	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-32.1
7321	638989.85	4873629.13	322.89	0	DEN	63	24.2	10.5	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-24.6
7321	638989.85	4873629.13	322.89	0	DEN	125	30.3	10.5	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.9	0.0	0.0	-19.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7321	638989.85	4873629.13	322.89	0	DEN	250	35.8	10.5	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.9	0.0	0.0	-15.7
7321	638989.85	4873629.13	322.89	0	DEN	500	41.2	10.5	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.7	0.0	0.0	-12.4
7321	638989.85	4873629.13	322.89	0	DEN	1000	47.4	10.5	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.5	0.0	0.0	-8.9
7321	638989.85	4873629.13	322.89	0	DEN	2000	46.6	10.5	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	17.1	0.0	0.0	-13.1
7321	638989.85	4873629.13	322.89	0	DEN	4000	42.4	10.5	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	20.0	0.0	0.0	-23.1
7321	638989.85	4873629.13	322.89	0	DEN	8000	39.3	10.5	0.0	0.0	0.0	53.0	14.8	-1.2	0.0	0.0	21.2	0.0	0.0	-38.1
7330	638983.63	4873657.21	323.31	0	DEN	32	16.0	7.5	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-33.4
7330	638983.63	4873657.21	323.31	0	DEN	63	24.2	7.5	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-26.1
7330	638983.63	4873657.21	323.31	0	DEN	125	30.3	7.5	0.0	0.0	0.0	51.1	0.0	1.3	0.0	0.0	6.7	0.0	0.0	-21.3
7330	638983.63	4873657.21	323.31	0	DEN	250	35.8	7.5	0.0	0.0	0.0	51.1	0.1	2.0	0.0	0.0	7.8	0.0	0.0	-17.7
7330	638983.63	4873657.21	323.31	0	DEN	500	41.2	7.5	0.0	0.0	0.0	51.1	0.2	-0.8	0.0	0.0	12.8	0.0	0.0	-14.6
7330	638983.63	4873657.21	323.31	0	DEN	1000	47.4	7.5	0.0	0.0	0.0	51.1	0.4	-1.2	0.0	0.0	15.8	0.0	0.0	-11.2
7330	638983.63	4873657.21	323.31	0	DEN	2000	46.6	7.5	0.0	0.0	0.0	51.1	1.0	-1.2	0.0	0.0	18.5	0.0	0.0	-15.4
7330	638983.63	4873657.21	323.31	0	DEN	4000	42.4	7.5	0.0	0.0	0.0	51.1	3.3	-1.2	0.0	0.0	21.2	0.0	0.0	-24.5
7330	638983.63	4873657.21	323.31	0	DEN	8000	39.3	7.5	0.0	0.0	0.0	51.1	11.8	-1.2	0.0	0.0	21.2	0.0	0.0	-36.1
7338	638981.60	4873666.95	323.55	0	DEN	32	16.0	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-35.8
7338	638981.60	4873666.95	323.55	0	DEN	63	24.2	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-28.5
7338	638981.60	4873666.95	323.55	0	DEN	125	30.3	4.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.8	0.0	0.0	-23.7
7338	638981.60	4873666.95	323.55	0	DEN	250	35.8	4.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	7.8	0.0	0.0	-20.2
7338	638981.60	4873666.95	323.55	0	DEN	500	41.2	4.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	13.0	0.0	0.0	-17.1
7338	638981.60	4873666.95	323.55	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	16.0	0.0	0.0	-13.7
7338	638981.60	4873666.95	323.55	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.8	0.0	0.0	-17.9
7338	638981.60	4873666.95	323.55	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-26.5
7338	638981.60	4873666.95	323.55	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	50.3	10.8	-1.1	0.0	0.0	21.1	0.0	0.0	-37.3
7345	638977.47	4873685.77	323.86	0	DEN	32	16.0	4.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-34.3
7345	638977.47	4873685.77	323.86	0	DEN	63	24.2	4.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-27.2
7345	638977.47	4873685.77	323.86	0	DEN	125	30.3	4.4	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	7.4	0.0	0.0	-22.6
7345	638977.47	4873685.77	323.86	0	DEN	250	35.8	4.4	0.0	0.0	0.0	48.7	0.1	2.2	0.0	0.0	8.4	0.0	0.0	-19.1
7345	638977.47	4873685.77	323.86	0	DEN	500	41.2	4.4	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-16.2
7345	638977.47	4873685.77	323.86	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	16.7	0.0	0.0	-12.8
7345	638977.47	4873685.77	323.86	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	19.5	0.0	0.0	-16.9
7345	638977.47	4873685.77	323.86	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-24.4
7345	638977.47	4873685.77	323.86	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	48.7	9.0	-1.0	0.0	0.0	21.0	0.0	0.0	-33.9
7353	638975.59	4873695.56	324.24	0	DEN	32	16.0	8.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-29.5
7353	638975.59	4873695.56	324.24	0	DEN	63	24.2	8.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-22.3
7353	638975.59	4873695.56	324.24	0	DEN	125	30.3	8.4	0.0	0.0	0.0	47.8	0.0	1.1	0.0	0.0	7.5	0.0	0.0	-17.8
7353	638975.59	4873695.56	324.24	0	DEN	250	35.8	8.4	0.0	0.0	0.0	47.8	0.1	2.0	0.0	0.0	8.6	0.0	0.0	-14.3
7353	638975.59	4873695.56	324.24	0	DEN	500	41.2	8.4	0.0	0.0	0.0	47.8	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-11.4
7353	638975.59	4873695.56	324.24	0	DEN	1000	47.4	8.4	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	16.8	0.0	0.0	-8.0
7353	638975.59	4873695.56	324.24	0	DEN	2000	46.6	8.4	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	19.6	0.0	0.0	-12.0
7353	638975.59	4873695.56	324.24	0	DEN	4000	42.4	8.4	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-19.3
7353	638975.59	4873695.56	324.24	0	DEN	8000	39.3	8.4	0.0	0.0	0.0	47.8	8.1	-1.0	0.0	0.0	21.0	0.0	0.0	-28.2
7362	638977.58	4873686.05	324.00	0	DEN	32	16.0	5.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-33.3
7362	638977.58	4873686.05	324.00	0	DEN	63	24.2	5.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-26.1
7362	638977.58	4873686.05	324.00	0	DEN	125	30.3	5.4	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	7.3	0.0	0.0	-21.5
7362	638977.58	4873686.05	324.00	0	DEN	250	35.8	5.4	0.0	0.0	0.0	48.7	0.1	2.2	0.0	0.0	8.3	0.0	0.0	-18.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7362	638977.58	4873686.05	324.00	0	DEN	500	41.2	5.4	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	13.5	0.0	0.0	-15.1
7362	638977.58	4873686.05	324.00	0	DEN	1000	47.4	5.4	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	16.5	0.0	0.0	-11.6
7362	638977.58	4873686.05	324.00	0	DEN	2000	46.6	5.4	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	19.4	0.0	0.0	-15.7
7362	638977.58	4873686.05	324.00	0	DEN	4000	42.4	5.4	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-23.4
7362	638977.58	4873686.05	324.00	0	DEN	8000	39.3	5.4	0.0	0.0	0.0	48.7	8.9	-1.0	0.0	0.0	21.0	0.0	0.0	-32.9
7370	638981.77	4873667.29	323.75	0	DEN	32	16.0	5.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-34.7
7370	638981.77	4873667.29	323.75	0	DEN	63	24.2	5.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-27.4
7370	638981.77	4873667.29	323.75	0	DEN	125	30.3	5.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.7	0.0	0.0	-22.6
7370	638981.77	4873667.29	323.75	0	DEN	250	35.8	5.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	7.7	0.0	0.0	-19.0
7370	638981.77	4873667.29	323.75	0	DEN	500	41.2	5.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.8	0.0	0.0	-16.0
7370	638981.77	4873667.29	323.75	0	DEN	1000	47.4	5.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.8	0.0	0.0	-12.5
7370	638981.77	4873667.29	323.75	0	DEN	2000	46.6	5.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.6	0.0	0.0	-16.7
7370	638981.77	4873667.29	323.75	0	DEN	4000	42.4	5.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-25.5
7370	638981.77	4873667.29	323.75	0	DEN	8000	39.3	5.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-36.3
7379	638981.69	4873667.20	323.67	0	DEN	32	16.0	2.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-37.7
7379	638981.69	4873667.20	323.67	0	DEN	63	24.2	2.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-30.4
7379	638981.69	4873667.20	323.67	0	DEN	125	30.3	2.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.7	0.0	0.0	-25.7
7379	638981.69	4873667.20	323.67	0	DEN	250	35.8	2.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	7.7	0.0	0.0	-22.1
7379	638981.69	4873667.20	323.67	0	DEN	500	41.2	2.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.9	0.0	0.0	-19.1
7379	638981.69	4873667.20	323.67	0	DEN	1000	47.4	2.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.9	0.0	0.0	-15.6
7379	638981.69	4873667.20	323.67	0	DEN	2000	46.6	2.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.7	0.0	0.0	-19.8
7379	638981.69	4873667.20	323.67	0	DEN	4000	42.4	2.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-28.5
7379	638981.69	4873667.20	323.67	0	DEN	8000	39.3	2.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-39.3
7389	638977.51	4873685.96	323.93	0	DEN	32	16.0	2.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-36.4
7389	638977.51	4873685.96	323.93	0	DEN	63	24.2	2.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-29.2
7389	638977.51	4873685.96	323.93	0	DEN	125	30.3	2.4	0.0	0.0	0.0	48.7	0.0	1.2	0.0	0.0	7.3	0.0	0.0	-24.6
7389	638977.51	4873685.96	323.93	0	DEN	250	35.8	2.4	0.0	0.0	0.0	48.7	0.1	2.2	0.0	0.0	8.4	0.0	0.0	-21.1
7389	638977.51	4873685.96	323.93	0	DEN	500	41.2	2.4	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-18.2
7389	638977.51	4873685.96	323.93	0	DEN	1000	47.4	2.4	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	16.6	0.0	0.0	-14.7
7389	638977.51	4873685.96	323.93	0	DEN	2000	46.6	2.4	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	19.5	0.0	0.0	-18.8
7389	638977.51	4873685.96	323.93	0	DEN	4000	42.4	2.4	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-26.4
7389	638977.51	4873685.96	323.93	0	DEN	8000	39.3	2.4	0.0	0.0	0.0	48.7	8.9	-1.0	0.0	0.0	21.0	0.0	0.0	-35.9
7398	638983.73	4873657.75	323.49	0	DEN	32	16.0	5.4	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-35.4
7398	638983.73	4873657.75	323.49	0	DEN	63	24.2	5.4	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-28.0
7398	638983.73	4873657.75	323.49	0	DEN	125	30.3	5.4	0.0	0.0	0.0	51.0	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-23.2
7398	638983.73	4873657.75	323.49	0	DEN	250	35.8	5.4	0.0	0.0	0.0	51.0	0.1	2.0	0.0	0.0	7.6	0.0	0.0	-19.6
7398	638983.73	4873657.75	323.49	0	DEN	500	41.2	5.4	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	12.7	0.0	0.0	-16.5
7398	638983.73	4873657.75	323.49	0	DEN	1000	47.4	5.4	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	15.6	0.0	0.0	-13.0
7398	638983.73	4873657.75	323.49	0	DEN	2000	46.6	5.4	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	18.4	0.0	0.0	-17.2
7398	638983.73	4873657.75	323.49	0	DEN	4000	42.4	5.4	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	21.2	0.0	0.0	-26.5
7398	638983.73	4873657.75	323.49	0	DEN	8000	39.3	5.4	0.0	0.0	0.0	51.0	11.7	-1.2	0.0	0.0	21.2	0.0	0.0	-38.0
7406	638989.93	4873629.51	323.03	0	DEN	32	16.0	8.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-34.1
7406	638989.93	4873629.51	323.03	0	DEN	63	24.2	8.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-26.5
7406	638989.93	4873629.51	323.03	0	DEN	125	30.3	8.4	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.8	0.0	0.0	-21.5
7406	638989.93	4873629.51	323.03	0	DEN	250	35.8	8.4	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.8	0.0	0.0	-17.6
7406	638989.93	4873629.51	323.03	0	DEN	500	41.2	8.4	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.5	0.0	0.0	-14.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7406	638989.93	4873629.51	323.03	0	DEN	1000	47.4	8.4	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.3	0.0	0.0	-10.8
7406	638989.93	4873629.51	323.03	0	DEN	2000	46.6	8.4	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	17.0	0.0	0.0	-15.0
7406	638989.93	4873629.51	323.03	0	DEN	4000	42.4	8.4	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.8	0.0	0.0	-24.9
7406	638989.93	4873629.51	323.03	0	DEN	8000	39.3	8.4	0.0	0.0	0.0	53.0	14.7	-1.2	0.0	0.0	21.2	0.0	0.0	-40.0
7414	638999.32	4873584.40	321.89	0	DEN	32	16.0	8.5	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-36.3
7414	638999.32	4873584.40	321.89	0	DEN	63	24.2	8.5	0.0	0.0	0.0	55.6	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-28.6
7414	638999.32	4873584.40	321.89	0	DEN	125	30.3	8.5	0.0	0.0	0.0	55.6	0.1	1.7	0.0	0.0	4.8	0.0	0.0	-23.3
7414	638999.32	4873584.40	321.89	0	DEN	250	35.8	8.5	0.0	0.0	0.0	55.6	0.2	2.1	0.0	0.0	5.5	0.0	0.0	-19.1
7414	638999.32	4873584.40	321.89	0	DEN	500	41.2	8.5	0.0	0.0	0.0	55.6	0.3	-0.8	0.0	0.0	10.2	0.0	0.0	-15.6
7414	638999.32	4873584.40	321.89	0	DEN	1000	47.4	8.5	0.0	0.0	0.0	55.6	0.6	-1.2	0.0	0.0	12.7	0.0	0.0	-11.9
7414	638999.32	4873584.40	321.89	0	DEN	2000	46.6	8.5	0.0	0.0	0.0	55.6	1.6	-1.2	0.0	0.0	15.3	0.0	0.0	-16.2
7414	638999.32	4873584.40	321.89	0	DEN	4000	42.4	8.5	0.0	0.0	0.0	55.6	5.6	-1.2	0.0	0.0	18.0	0.0	0.0	-27.1
7414	638999.32	4873584.40	321.89	0	DEN	8000	39.3	8.5	0.0	0.0	0.0	55.6	19.8	-1.2	0.0	0.0	20.9	0.0	0.0	-47.3
7423	638932.71	4873894.58	328.12	1	DEN	1000	47.4	-13.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-33.5
7423	638932.71	4873894.58	328.12	1	DEN	2000	46.6	-13.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-37.6
7423	638932.71	4873894.58	328.12	1	DEN	4000	42.4	-13.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-48.6
7423	638932.71	4873894.58	328.12	1	DEN	8000	39.3	-13.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-69.7
7451	638972.43	4873713.84	324.96	0	DEN	32	16.0	8.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-27.6
7451	638972.43	4873713.84	324.96	0	DEN	63	24.2	8.7	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-20.4
7451	638972.43	4873713.84	324.96	0	DEN	125	30.3	8.7	0.0	0.0	0.0	46.1	0.0	1.0	0.0	0.0	7.7	0.0	0.0	-15.9
7451	638972.43	4873713.84	324.96	0	DEN	250	35.8	8.7	0.0	0.0	0.0	46.1	0.1	1.9	0.0	0.0	8.9	0.0	0.0	-12.5
7451	638972.43	4873713.84	324.96	0	DEN	500	41.2	8.7	0.0	0.0	0.0	46.1	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-9.6
7451	638972.43	4873713.84	324.96	0	DEN	1000	47.4	8.7	0.0	0.0	0.0	46.1	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-6.1
7451	638972.43	4873713.84	324.96	0	DEN	2000	46.6	8.7	0.0	0.0	0.0	46.1	0.6	-1.0	0.0	0.0	19.8	0.0	0.0	-10.1
7451	638972.43	4873713.84	324.96	0	DEN	4000	42.4	8.7	0.0	0.0	0.0	46.1	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-16.9
7451	638972.43	4873713.84	324.96	0	DEN	8000	39.3	8.7	0.0	0.0	0.0	46.1	6.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.8
7459	638970.75	4873722.00	325.14	0	DEN	32	16.0	5.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-30.1
7459	638970.75	4873722.00	325.14	0	DEN	63	24.2	5.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-23.1
7459	638970.75	4873722.00	325.14	0	DEN	125	30.3	5.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-18.6
7459	638970.75	4873722.00	325.14	0	DEN	250	35.8	5.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-15.3
7459	638970.75	4873722.00	325.14	0	DEN	500	41.2	5.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-12.4
7459	638970.75	4873722.00	325.14	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	45.5	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	-9.1
7459	638970.75	4873722.00	325.14	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-13.0
7459	638970.75	4873722.00	325.14	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-19.1
7459	638970.75	4873722.00	325.14	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-26.7
7468	638967.94	4873733.92	325.29	0	DEN	32	16.0	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-32.8
7468	638967.94	4873733.92	325.29	0	DEN	63	24.2	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-25.9
7468	638967.94	4873733.92	325.29	0	DEN	125	30.3	2.7	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.7	0.0	0.0	-21.6
7468	638967.94	4873733.92	325.29	0	DEN	250	35.8	2.7	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.2	0.0	0.0	-18.3
7468	638967.94	4873733.92	325.29	0	DEN	500	41.2	2.7	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-15.5
7468	638967.94	4873733.92	325.29	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-12.2
7468	638967.94	4873733.92	325.29	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.1
7468	638967.94	4873733.92	325.29	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.5
7468	638967.94	4873733.92	325.29	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-28.7
7475	638967.10	4873738.00	325.38	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-35.7
7475	638967.10	4873738.00	325.38	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-28.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7475	638967.10	4873738.00	325.38	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-24.4
7475	638967.10	4873738.00	325.38	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-21.2
7475	638967.10	4873738.00	325.38	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-18.4
7475	638967.10	4873738.00	325.38	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-15.0
7475	638967.10	4873738.00	325.38	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-19.0
7475	638967.10	4873738.00	325.38	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
7475	638967.10	4873738.00	325.38	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-31.6
7484	638965.26	4873745.98	325.49	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-35.6
7484	638965.26	4873745.98	325.49	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-28.6
7484	638965.26	4873745.98	325.49	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-24.2
7484	638965.26	4873745.98	325.49	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-20.9
7484	638965.26	4873745.98	325.49	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-18.0
7484	638965.26	4873745.98	325.49	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-14.7
7484	638965.26	4873745.98	325.49	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-18.6
7484	638965.26	4873745.98	325.49	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
7484	638965.26	4873745.98	325.49	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
7492	638966.26	4873742.08	325.47	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-35.6
7492	638966.26	4873742.08	325.47	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-28.6
7492	638966.26	4873742.08	325.47	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-24.2
7492	638966.26	4873742.08	325.47	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-21.0
7492	638966.26	4873742.08	325.47	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-18.1
7492	638966.26	4873742.08	325.47	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-14.8
7492	638966.26	4873742.08	325.47	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-18.8
7492	638966.26	4873742.08	325.47	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
7492	638966.26	4873742.08	325.47	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-31.5
7499	638968.10	4873734.11	325.35	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-35.8
7499	638968.10	4873734.11	325.35	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-28.8
7499	638968.10	4873734.11	325.35	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.7	0.0	0.0	-24.5
7499	638968.10	4873734.11	325.35	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.1	0.0	0.0	-21.3
7499	638968.10	4873734.11	325.35	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-18.5
7499	638968.10	4873734.11	325.35	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-15.1
7499	638968.10	4873734.11	325.35	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-19.1
7499	638968.10	4873734.11	325.35	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-24.4
7499	638968.10	4873734.11	325.35	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-31.7
7507	638970.86	4873722.14	325.18	0	DEN	32	16.0	2.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-33.1
7507	638970.86	4873722.14	325.18	0	DEN	63	24.2	2.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-26.1
7507	638970.86	4873722.14	325.18	0	DEN	125	30.3	2.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-21.6
7507	638970.86	4873722.14	325.18	0	DEN	250	35.8	2.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-18.3
7507	638970.86	4873722.14	325.18	0	DEN	500	41.2	2.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-15.4
7507	638970.86	4873722.14	325.18	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	45.5	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	-12.0
7507	638970.86	4873722.14	325.18	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-16.0
7507	638970.86	4873722.14	325.18	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-22.1
7507	638970.86	4873722.14	325.18	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-29.7
7515	638964.51	4873750.18	325.62	0	DEN	32	16.0	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-32.5
7515	638964.51	4873750.18	325.62	0	DEN	63	24.2	2.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-25.5
7515	638964.51	4873750.18	325.62	0	DEN	125	30.3	2.7	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-21.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7515	638964.51	4873750.18	325.62	0	DEN	250	35.8	2.7	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	9.9	0.0	0.0	-17.7
7515	638964.51	4873750.18	325.62	0	DEN	500	41.2	2.7	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.6	0.0	0.0	-14.8
7515	638964.51	4873750.18	325.62	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-11.5
7515	638964.51	4873750.18	325.62	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.5	0.0	0.0	-15.4
7515	638964.51	4873750.18	325.62	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.4
7515	638964.51	4873750.18	325.62	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-28.6
7523	638965.38	4873746.12	325.54	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-35.5
7523	638965.38	4873746.12	325.54	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-28.5
7523	638965.38	4873746.12	325.54	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-24.1
7523	638965.38	4873746.12	325.54	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	10.1	0.0	0.0	-20.8
7523	638965.38	4873746.12	325.54	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.8	0.0	0.0	-18.0
7523	638965.38	4873746.12	325.54	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.8	0.0	0.0	-14.6
7523	638965.38	4873746.12	325.54	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-18.6
7523	638965.38	4873746.12	325.54	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.3
7523	638965.38	4873746.12	325.54	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-31.5
7532	638967.26	4873738.19	325.44	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-35.6
7532	638967.26	4873738.19	325.44	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-28.7
7532	638967.26	4873738.19	325.44	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-24.3
7532	638967.26	4873738.19	325.44	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.1	0.0	0.0	-21.1
7532	638967.26	4873738.19	325.44	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-18.3
7532	638967.26	4873738.19	325.44	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-14.9
7532	638967.26	4873738.19	325.44	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-18.9
7532	638967.26	4873738.19	325.44	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
7532	638967.26	4873738.19	325.44	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-31.5
7541	638961.77	4873762.16	325.80	0	DEN	32	16.0	5.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-29.8
7541	638961.77	4873762.16	325.80	0	DEN	63	24.2	5.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-22.7
7541	638961.77	4873762.16	325.80	0	DEN	125	30.3	5.7	0.0	0.0	0.0	45.4	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-18.1
7541	638961.77	4873762.16	325.80	0	DEN	250	35.8	5.7	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	8.9	0.0	0.0	-14.6
7541	638961.77	4873762.16	325.80	0	DEN	500	41.2	5.7	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-11.7
7541	638961.77	4873762.16	325.80	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	-8.2
7541	638961.77	4873762.16	325.80	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.5	0.0	0.0	-12.2
7541	638961.77	4873762.16	325.80	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-19.1
7541	638961.77	4873762.16	325.80	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	45.4	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-26.6
7550	638960.05	4873770.28	325.96	0	DEN	32	16.0	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-33.2
7550	638960.05	4873770.28	325.96	0	DEN	63	24.2	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-26.0
7550	638960.05	4873770.28	325.96	0	DEN	125	30.3	2.7	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-21.3
7550	638960.05	4873770.28	325.96	0	DEN	250	35.8	2.7	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-17.7
7550	638960.05	4873770.28	325.96	0	DEN	500	41.2	2.7	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-14.7
7550	638960.05	4873770.28	325.96	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-11.2
7550	638960.05	4873770.28	325.96	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-15.2
7550	638960.05	4873770.28	325.96	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-22.8
7550	638960.05	4873770.28	325.96	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-30.6
7557	638956.44	4873786.33	326.21	0	DEN	32	16.0	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-34.4
7557	638956.44	4873786.33	326.21	0	DEN	63	24.2	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-27.0
7557	638956.44	4873786.33	326.21	0	DEN	125	30.3	2.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-22.1
7557	638956.44	4873786.33	326.21	0	DEN	250	35.8	2.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-18.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7557	638956.44	4873786.33	326.21	0	DEN	500	41.2	2.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-15.2
7557	638956.44	4873786.33	326.21	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	-11.7
7557	638956.44	4873786.33	326.21	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-15.6
7557	638956.44	4873786.33	326.21	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-24.3
7557	638956.44	4873786.33	326.21	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-33.1
7564	638960.14	4873770.40	325.99	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-36.2
7564	638960.14	4873770.40	325.99	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-29.0
7564	638960.14	4873770.40	325.99	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-24.3
7564	638960.14	4873770.40	325.99	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-20.7
7564	638960.14	4873770.40	325.99	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-17.7
7564	638960.14	4873770.40	325.99	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.1	0.0	0.0	-14.2
7564	638960.14	4873770.40	325.99	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	18.9	0.0	0.0	-18.1
7564	638960.14	4873770.40	325.99	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-25.8
7564	638960.14	4873770.40	325.99	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-33.6
7571	638956.50	4873786.40	326.24	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-37.4
7571	638956.50	4873786.40	326.24	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-30.0
7571	638956.50	4873786.40	326.24	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-25.1
7571	638956.50	4873786.40	326.24	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-21.4
7571	638956.50	4873786.40	326.24	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-18.2
7571	638956.50	4873786.40	326.24	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	-14.7
7571	638956.50	4873786.40	326.24	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-18.6
7571	638956.50	4873786.40	326.24	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.7	0.0	0.0	-27.2
7571	638956.50	4873786.40	326.24	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-36.2
7577	638961.93	4873762.35	325.86	0	DEN	32	16.0	2.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-32.8
7577	638961.93	4873762.35	325.86	0	DEN	63	24.2	2.7	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-25.6
7577	638961.93	4873762.35	325.86	0	DEN	125	30.3	2.7	0.0	0.0	0.0	45.4	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-21.0
7577	638961.93	4873762.35	325.86	0	DEN	250	35.8	2.7	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	8.9	0.0	0.0	-17.6
7577	638961.93	4873762.35	325.86	0	DEN	500	41.2	2.7	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-14.6
7577	638961.93	4873762.35	325.86	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	-11.2
7577	638961.93	4873762.35	325.86	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.5	0.0	0.0	-15.1
7577	638961.93	4873762.35	325.86	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-22.0
7577	638961.93	4873762.35	325.86	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	45.4	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-29.6
7586	638964.66	4873750.35	325.67	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-35.5
7586	638964.66	4873750.35	325.67	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-28.4
7586	638964.66	4873750.35	325.67	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-24.0
7586	638964.66	4873750.35	325.67	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.4	0.0	0.0	9.9	0.0	0.0	-20.7
7586	638964.66	4873750.35	325.67	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.8	0.0	0.0	14.5	0.0	0.0	-17.8
7586	638964.66	4873750.35	325.67	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-14.4
7586	638964.66	4873750.35	325.67	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-18.4
7586	638964.66	4873750.35	325.67	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.4
7586	638964.66	4873750.35	325.67	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
7595	638966.44	4873742.31	325.54	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-35.5
7595	638966.44	4873742.31	325.54	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-28.5
7595	638966.44	4873742.31	325.54	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.7	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-24.2
7595	638966.44	4873742.31	325.54	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.7	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-20.9
7595	638966.44	4873742.31	325.54	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.7	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-18.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7595	638966.44	4873742.31	325.54	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.7	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-14.7
7595	638966.44	4873742.31	325.54	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-18.7
7595	638966.44	4873742.31	325.54	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.7	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-24.2
7595	638966.44	4873742.31	325.54	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.7	5.7	-1.1	0.0	0.0	21.1	0.0	0.0	-31.4
7603	638967.32	4873738.26	325.46	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-35.6
7603	638967.32	4873738.26	325.46	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-28.7
7603	638967.32	4873738.26	325.46	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-24.3
7603	638967.32	4873738.26	325.46	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.1	0.0	0.0	-21.1
7603	638967.32	4873738.26	325.46	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-18.3
7603	638967.32	4873738.26	325.46	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-14.9
7603	638967.32	4873738.26	325.46	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-18.9
7603	638967.32	4873738.26	325.46	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
7603	638967.32	4873738.26	325.46	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-31.5
7610	638970.92	4873722.21	325.20	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-36.1
7610	638970.92	4873722.21	325.20	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-29.1
7610	638970.92	4873722.21	325.20	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-24.6
7610	638970.92	4873722.21	325.20	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-21.3
7610	638970.92	4873722.21	325.20	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-18.4
7610	638970.92	4873722.21	325.20	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	45.5	0.2	-1.1	0.0	0.0	17.5	0.0	0.0	-15.0
7610	638970.92	4873722.21	325.20	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-19.0
7610	638970.92	4873722.21	325.20	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-25.1
7610	638970.92	4873722.21	325.20	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-32.7
7618	638954.81	4873794.56	326.41	0	DEN	32	16.0	5.7	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-32.0
7618	638954.81	4873794.56	326.41	0	DEN	63	24.2	5.7	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.5
7618	638954.81	4873794.56	326.41	0	DEN	125	30.3	5.7	0.0	0.0	0.0	48.1	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-19.5
7618	638954.81	4873794.56	326.41	0	DEN	250	35.8	5.7	0.0	0.0	0.0	48.1	0.1	2.2	0.0	0.0	6.8	0.0	0.0	-15.7
7618	638954.81	4873794.56	326.41	0	DEN	500	41.2	5.7	0.0	0.0	0.0	48.1	0.1	-0.6	0.0	0.0	11.7	0.0	0.0	-12.5
7618	638954.81	4873794.56	326.41	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	48.1	0.3	-1.0	0.0	0.0	14.6	0.0	0.0	-8.9
7618	638954.81	4873794.56	326.41	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	48.1	0.7	-1.0	0.0	0.0	17.3	0.0	0.0	-12.8
7618	638954.81	4873794.56	326.41	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	48.1	2.4	-1.0	0.0	0.0	20.2	0.0	0.0	-21.5
7618	638954.81	4873794.56	326.41	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	48.1	8.4	-1.0	0.0	0.0	21.0	0.0	0.0	-31.5
7625	638956.56	4873786.47	326.26	0	DEN	32	16.0	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-34.4
7625	638956.56	4873786.47	326.26	0	DEN	63	24.2	2.7	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-27.0
7625	638956.56	4873786.47	326.26	0	DEN	125	30.3	2.7	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.5	0.0	0.0	-22.1
7625	638956.56	4873786.47	326.26	0	DEN	250	35.8	2.7	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-18.4
7625	638956.56	4873786.47	326.26	0	DEN	500	41.2	2.7	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.2	0.0	0.0	-15.2
7625	638956.56	4873786.47	326.26	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.1	0.0	0.0	-11.7
7625	638956.56	4873786.47	326.26	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	17.9	0.0	0.0	-15.6
7625	638956.56	4873786.47	326.26	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.7	0.0	0.0	-24.2
7625	638956.56	4873786.47	326.26	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-33.1
7633	638960.20	4873770.47	326.01	0	DEN	32	16.0	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-33.2
7633	638960.20	4873770.47	326.01	0	DEN	63	24.2	2.7	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-25.9
7633	638960.20	4873770.47	326.01	0	DEN	125	30.3	2.7	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-21.2
7633	638960.20	4873770.47	326.01	0	DEN	250	35.8	2.7	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-17.7
7633	638960.20	4873770.47	326.01	0	DEN	500	41.2	2.7	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-14.6
7633	638960.20	4873770.47	326.01	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.1	0.0	0.0	-11.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7633	638960.20	4873770.47	326.01	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	18.9	0.0	0.0	-15.1
7633	638960.20	4873770.47	326.01	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-22.7
7633	638960.20	4873770.47	326.01	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-30.6
7641	638951.19	4873810.58	326.66	0	DEN	32	16.0	5.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-33.3
7641	638951.19	4873810.58	326.66	0	DEN	63	24.2	5.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-25.6
7641	638951.19	4873810.58	326.66	0	DEN	125	30.3	5.7	0.0	0.0	0.0	49.6	0.0	1.3	0.0	0.0	5.6	0.0	0.0	-20.5
7641	638951.19	4873810.58	326.66	0	DEN	250	35.8	5.7	0.0	0.0	0.0	49.6	0.1	2.2	0.0	0.0	6.1	0.0	0.0	-16.4
7641	638951.19	4873810.58	326.66	0	DEN	500	41.2	5.7	0.0	0.0	0.0	49.6	0.2	-0.7	0.0	0.0	10.9	0.0	0.0	-13.0
7641	638951.19	4873810.58	326.66	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	49.6	0.3	-1.1	0.0	0.0	13.6	0.0	0.0	-9.3
7641	638951.19	4873810.58	326.66	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	49.6	0.8	-1.1	0.0	0.0	16.3	0.0	0.0	-13.3
7641	638951.19	4873810.58	326.66	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	49.6	2.8	-1.1	0.0	0.0	19.1	0.0	0.0	-22.2
7641	638951.19	4873810.58	326.66	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	49.6	9.9	-1.1	0.0	0.0	21.1	0.0	0.0	-34.5
7648	638947.66	4873826.72	326.95	0	DEN	32	16.0	5.7	0.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-34.4
7648	638947.66	4873826.72	326.95	0	DEN	63	24.2	5.7	0.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-26.7
7648	638947.66	4873826.72	326.95	0	DEN	125	30.3	5.7	0.0	0.0	0.0	50.9	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-21.4
7648	638947.66	4873826.72	326.95	0	DEN	250	35.8	5.7	0.0	0.0	0.0	50.9	0.1	1.9	0.0	0.0	5.7	0.0	0.0	-17.1
7648	638947.66	4873826.72	326.95	0	DEN	500	41.2	5.7	0.0	0.0	0.0	50.9	0.2	-0.8	0.0	0.0	10.2	0.0	0.0	-13.5
7648	638947.66	4873826.72	326.95	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	50.9	0.4	-1.2	0.0	0.0	12.7	0.0	0.0	-9.7
7648	638947.66	4873826.72	326.95	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	50.9	1.0	-1.2	0.0	0.0	15.2	0.0	0.0	-13.6
7648	638947.66	4873826.72	326.95	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	50.9	3.2	-1.2	0.0	0.0	18.0	0.0	0.0	-22.8
7648	638947.66	4873826.72	326.95	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	50.9	11.6	-1.2	0.0	0.0	20.9	0.0	0.0	-37.1
7655	638945.94	4873834.84	327.11	0	DEN	32	16.0	5.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-35.0
7655	638945.94	4873834.84	327.11	0	DEN	63	24.2	5.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-27.2
7655	638945.94	4873834.84	327.11	0	DEN	125	30.3	5.7	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-21.8
7655	638945.94	4873834.84	327.11	0	DEN	250	35.8	5.7	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.6	0.0	0.0	-17.4
7655	638945.94	4873834.84	327.11	0	DEN	500	41.2	5.7	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.8	0.0	0.0	-13.7
7655	638945.94	4873834.84	327.11	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.3	0.0	0.0	-9.8
7655	638945.94	4873834.84	327.11	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.7	0.0	0.0	-13.7
7655	638945.94	4873834.84	327.11	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.4	0.0	0.0	-23.0
7655	638945.94	4873834.84	327.11	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.3	0.0	0.0	-37.9
7661	638938.80	4873867.02	327.65	0	DEN	32	16.0	5.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-37.0
7661	638938.80	4873867.02	327.65	0	DEN	63	24.2	5.7	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-29.0
7661	638938.80	4873867.02	327.65	0	DEN	125	30.3	5.7	0.0	0.0	0.0	53.7	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-23.4
7661	638938.80	4873867.02	327.65	0	DEN	250	35.8	5.7	0.0	0.0	0.0	53.7	0.1	1.9	0.0	0.0	4.5	0.0	0.0	-18.7
7661	638938.80	4873867.02	327.65	0	DEN	500	41.2	5.7	0.0	0.0	0.0	53.7	0.3	-0.9	0.0	0.0	8.5	0.0	0.0	-14.6
7661	638938.80	4873867.02	327.65	0	DEN	1000	47.4	5.7	0.0	0.0	0.0	53.7	0.5	-1.3	0.0	0.0	10.5	0.0	0.0	-10.3
7661	638938.80	4873867.02	327.65	0	DEN	2000	46.6	5.7	0.0	0.0	0.0	53.7	1.3	-1.3	0.0	0.0	12.7	0.0	0.0	-14.1
7661	638938.80	4873867.02	327.65	0	DEN	4000	42.4	5.7	0.0	0.0	0.0	53.7	4.5	-1.3	0.0	0.0	15.2	0.0	0.0	-24.0
7661	638938.80	4873867.02	327.65	0	DEN	8000	39.3	5.7	0.0	0.0	0.0	53.7	15.9	-1.3	0.0	0.0	18.0	0.0	0.0	-41.3
7669	638986.76	4873648.62	323.82	0	DEN	32	16.0	11.6	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-29.7
7669	638986.76	4873648.62	323.82	0	DEN	63	24.2	11.6	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-22.2
7669	638986.76	4873648.62	323.82	0	DEN	125	30.3	11.6	0.0	0.0	0.0	51.7	0.0	1.5	0.0	0.0	5.9	0.0	0.0	-17.2
7669	638986.76	4873648.62	323.82	0	DEN	250	35.8	11.6	0.0	0.0	0.0	51.7	0.1	2.2	0.0	0.0	6.8	0.0	0.0	-13.4
7669	638986.76	4873648.62	323.82	0	DEN	500	41.2	11.6	0.0	0.0	0.0	51.7	0.2	-0.7	0.0	0.0	11.8	0.0	0.0	-10.2
7669	638986.76	4873648.62	323.82	0	DEN	1000	47.4	11.6	0.0	0.0	0.0	51.7	0.4	-1.1	0.0	0.0	14.6	0.0	0.0	-6.6
7669	638986.76	4873648.62	323.82	0	DEN	2000	46.6	11.6	0.0	0.0	0.0	51.7	1.0	-1.1	0.0	0.0	17.4	0.0	0.0	-10.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7669	638986.76	4873648.62	323.82	0	DEN	4000	42.4	11.6	0.0	0.0	0.0	51.7	3.5	-1.1	0.0	0.0	20.2	0.0	0.0	-20.3
7669	638986.76	4873648.62	323.82	0	DEN	8000	39.3	11.6	0.0	0.0	0.0	51.7	12.6	-1.1	0.0	0.0	21.1	0.0	0.0	-33.4
7678	638984.30	4873660.45	324.07	0	DEN	32	16.0	8.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-31.9
7678	638984.30	4873660.45	324.07	0	DEN	63	24.2	8.6	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-24.5
7678	638984.30	4873660.45	324.07	0	DEN	125	30.3	8.6	0.0	0.0	0.0	50.8	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-19.6
7678	638984.30	4873660.45	324.07	0	DEN	250	35.8	8.6	0.0	0.0	0.0	50.8	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-15.9
7678	638984.30	4873660.45	324.07	0	DEN	500	41.2	8.6	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	12.3	0.0	0.0	-12.8
7678	638984.30	4873660.45	324.07	0	DEN	1000	47.4	8.6	0.0	0.0	0.0	50.8	0.4	-1.1	0.0	0.0	15.2	0.0	0.0	-9.3
7678	638984.30	4873660.45	324.07	0	DEN	2000	46.6	8.6	0.0	0.0	0.0	50.8	0.9	-1.1	0.0	0.0	18.0	0.0	0.0	-13.4
7678	638984.30	4873660.45	324.07	0	DEN	4000	42.4	8.6	0.0	0.0	0.0	50.8	3.2	-1.1	0.0	0.0	20.9	0.0	0.0	-22.7
7678	638984.30	4873660.45	324.07	0	DEN	8000	39.3	8.6	0.0	0.0	0.0	50.8	11.4	-1.1	0.0	0.0	21.1	0.0	0.0	-34.3
7686	638979.14	4873682.86	324.39	0	DEN	32	16.0	8.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-30.2
7686	638979.14	4873682.86	324.39	0	DEN	63	24.2	8.6	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-22.9
7686	638979.14	4873682.86	324.39	0	DEN	125	30.3	8.6	0.0	0.0	0.0	48.9	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-18.2
7686	638979.14	4873682.86	324.39	0	DEN	250	35.8	8.6	0.0	0.0	0.0	48.9	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-14.6
7686	638979.14	4873682.86	324.39	0	DEN	500	41.2	8.6	0.0	0.0	0.0	48.9	0.2	-0.6	0.0	0.0	12.9	0.0	0.0	-11.6
7686	638979.14	4873682.86	324.39	0	DEN	1000	47.4	8.6	0.0	0.0	0.0	48.9	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	-8.2
7686	638979.14	4873682.86	324.39	0	DEN	2000	46.6	8.6	0.0	0.0	0.0	48.9	0.8	-1.0	0.0	0.0	18.7	0.0	0.0	-12.2
7686	638979.14	4873682.86	324.39	0	DEN	4000	42.4	8.6	0.0	0.0	0.0	48.9	2.6	-1.0	0.0	0.0	21.0	0.0	0.0	-20.5
7686	638979.14	4873682.86	324.39	0	DEN	8000	39.3	8.6	0.0	0.0	0.0	48.9	9.2	-1.0	0.0	0.0	21.0	0.0	0.0	-30.2
7693	638975.60	4873700.31	324.78	0	DEN	32	16.0	7.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-30.1
7693	638975.60	4873700.31	324.78	0	DEN	63	24.2	7.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-22.9
7693	638975.60	4873700.31	324.78	0	DEN	125	30.3	7.2	0.0	0.0	0.0	47.3	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-18.3
7693	638975.60	4873700.31	324.78	0	DEN	250	35.8	7.2	0.0	0.0	0.0	47.3	0.1	2.2	0.0	0.0	8.2	0.0	0.0	-14.8
7693	638975.60	4873700.31	324.78	0	DEN	500	41.2	7.2	0.0	0.0	0.0	47.3	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	-11.8
7693	638975.60	4873700.31	324.78	0	DEN	1000	47.4	7.2	0.0	0.0	0.0	47.3	0.2	-0.9	0.0	0.0	16.4	0.0	0.0	-8.4
7693	638975.60	4873700.31	324.78	0	DEN	2000	46.6	7.2	0.0	0.0	0.0	47.3	0.6	-0.9	0.0	0.0	19.2	0.0	0.0	-12.4
7693	638975.60	4873700.31	324.78	0	DEN	4000	42.4	7.2	0.0	0.0	0.0	47.3	2.1	-0.9	0.0	0.0	20.9	0.0	0.0	-19.8
7693	638975.60	4873700.31	324.78	0	DEN	8000	39.3	7.2	0.0	0.0	0.0	47.3	7.6	-0.9	0.0	0.0	20.9	0.0	0.0	-28.4
7701	638978.11	4873689.01	324.59	0	DEN	32	16.0	7.2	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-31.1
7701	638978.11	4873689.01	324.59	0	DEN	63	24.2	7.2	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-23.8
7701	638978.11	4873689.01	324.59	0	DEN	125	30.3	7.2	0.0	0.0	0.0	48.3	0.0	1.2	0.0	0.0	7.1	0.0	0.0	-19.1
7701	638978.11	4873689.01	324.59	0	DEN	250	35.8	7.2	0.0	0.0	0.0	48.3	0.1	2.1	0.0	0.0	8.1	0.0	0.0	-15.6
7701	638978.11	4873689.01	324.59	0	DEN	500	41.2	7.2	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-12.6
7701	638978.11	4873689.01	324.59	0	DEN	1000	47.4	7.2	0.0	0.0	0.0	48.3	0.3	-1.0	0.0	0.0	16.2	0.0	0.0	-9.2
7701	638978.11	4873689.01	324.59	0	DEN	2000	46.6	7.2	0.0	0.0	0.0	48.3	0.7	-1.0	0.0	0.0	19.0	0.0	0.0	-13.2
7701	638978.11	4873689.01	324.59	0	DEN	4000	42.4	7.2	0.0	0.0	0.0	48.3	2.4	-1.0	0.0	0.0	21.0	0.0	0.0	-21.1
7701	638978.11	4873689.01	324.59	0	DEN	8000	39.3	7.2	0.0	0.0	0.0	48.3	8.6	-1.0	0.0	0.0	21.0	0.0	0.0	-30.4
7708	638979.28	4873683.26	324.46	0	DEN	32	16.0	7.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-31.6
7708	638979.28	4873683.26	324.46	0	DEN	63	24.2	7.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-24.3
7708	638979.28	4873683.26	324.46	0	DEN	125	30.3	7.2	0.0	0.0	0.0	48.8	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-19.5
7708	638979.28	4873683.26	324.46	0	DEN	250	35.8	7.2	0.0	0.0	0.0	48.8	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-16.0
7708	638979.28	4873683.26	324.46	0	DEN	500	41.2	7.2	0.0	0.0	0.0	48.8	0.2	-0.6	0.0	0.0	12.9	0.0	0.0	-12.9
7708	638979.28	4873683.26	324.46	0	DEN	1000	47.4	7.2	0.0	0.0	0.0	48.8	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	-9.5
7708	638979.28	4873683.26	324.46	0	DEN	2000	46.6	7.2	0.0	0.0	0.0	48.8	0.8	-1.0	0.0	0.0	18.7	0.0	0.0	-13.6
7708	638979.28	4873683.26	324.46	0	DEN	4000	42.4	7.2	0.0	0.0	0.0	48.8	2.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7708	638979.28	4873683.26	324.46	0	DEN	8000	39.3	7.2	0.0	0.0	0.0	48.8	9.1	-1.0	0.0	0.0	21.0	0.0	0.0	-31.5
7716	638984.45	4873660.85	324.14	0	DEN	32	16.0	7.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-33.2
7716	638984.45	4873660.85	324.14	0	DEN	63	24.2	7.2	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-25.8
7716	638984.45	4873660.85	324.14	0	DEN	125	30.3	7.2	0.0	0.0	0.0	50.7	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-20.9
7716	638984.45	4873660.85	324.14	0	DEN	250	35.8	7.2	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	7.3	0.0	0.0	-17.2
7716	638984.45	4873660.85	324.14	0	DEN	500	41.2	7.2	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	12.3	0.0	0.0	-14.1
7716	638984.45	4873660.85	324.14	0	DEN	1000	47.4	7.2	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	15.2	0.0	0.0	-10.6
7716	638984.45	4873660.85	324.14	0	DEN	2000	46.6	7.2	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	18.0	0.0	0.0	-14.7
7716	638984.45	4873660.85	324.14	0	DEN	4000	42.4	7.2	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	20.9	0.0	0.0	-24.0
7716	638984.45	4873660.85	324.14	0	DEN	8000	39.3	7.2	0.0	0.0	0.0	50.7	11.3	-1.1	0.0	0.0	21.1	0.0	0.0	-35.6
7725	638990.87	4873629.80	323.48	0	DEN	32	16.0	9.6	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-32.8
7725	638990.87	4873629.80	323.48	0	DEN	63	24.2	9.6	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-25.2
7725	638990.87	4873629.80	323.48	0	DEN	125	30.3	9.6	0.0	0.0	0.0	53.0	0.1	1.4	0.0	0.0	5.6	0.0	0.0	-20.1
7725	638990.87	4873629.80	323.48	0	DEN	250	35.8	9.6	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.5	0.0	0.0	-16.1
7725	638990.87	4873629.80	323.48	0	DEN	500	41.2	9.6	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.2	0.0	0.0	-12.8
7725	638990.87	4873629.80	323.48	0	DEN	1000	47.4	9.6	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.0	0.0	0.0	-9.2
7725	638990.87	4873629.80	323.48	0	DEN	2000	46.6	9.6	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.6	0.0	0.0	-13.4
7725	638990.87	4873629.80	323.48	0	DEN	4000	42.4	9.6	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.4	0.0	0.0	-23.3
7725	638990.87	4873629.80	323.48	0	DEN	8000	39.3	9.6	0.0	0.0	0.0	53.0	14.7	-1.2	0.0	0.0	21.2	0.0	0.0	-38.8
7733	638932.73	4873894.60	328.13	1	DEN	1000	47.4	-12.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-32.4
7733	638932.73	4873894.60	328.13	1	DEN	2000	46.6	-12.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-36.6
7733	638932.73	4873894.60	328.13	1	DEN	4000	42.4	-12.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-47.5
7733	638932.73	4873894.60	328.13	1	DEN	8000	39.3	-12.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-68.7
7750	638956.72	4873798.58	326.56	0	DEN	32	16.0	7.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-30.1
7750	638956.72	4873798.58	326.56	0	DEN	63	24.2	7.8	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.6
7750	638956.72	4873798.58	326.56	0	DEN	125	30.3	7.8	0.0	0.0	0.0	48.3	0.0	1.2	0.0	0.0	6.4	0.0	0.0	-17.7
7750	638956.72	4873798.58	326.56	0	DEN	250	35.8	7.8	0.0	0.0	0.0	48.3	0.1	2.1	0.0	0.0	7.1	0.0	0.0	-13.9
7750	638956.72	4873798.58	326.56	0	DEN	500	41.2	7.8	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	12.1	0.0	0.0	-10.8
7750	638956.72	4873798.58	326.56	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	48.3	0.3	-1.0	0.0	0.0	15.0	0.0	0.0	-7.2
7750	638956.72	4873798.58	326.56	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	48.3	0.7	-1.0	0.0	0.0	17.7	0.0	0.0	-11.2
7750	638956.72	4873798.58	326.56	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	48.3	2.4	-1.0	0.0	0.0	20.6	0.0	0.0	-19.9
7750	638956.72	4873798.58	326.56	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	48.3	8.5	-1.0	0.0	0.0	21.0	0.0	0.0	-29.6
7756	638960.69	4873783.61	326.19	0	DEN	32	16.0	4.8	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-31.9
7756	638960.69	4873783.61	326.19	0	DEN	63	24.2	4.8	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-24.7
7756	638960.69	4873783.61	326.19	0	DEN	125	30.3	4.8	0.0	0.0	0.0	46.7	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-20.0
7756	638960.69	4873783.61	326.19	0	DEN	250	35.8	4.8	0.0	0.0	0.0	46.7	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-16.5
7756	638960.69	4873783.61	326.19	0	DEN	500	41.2	4.8	0.0	0.0	0.0	46.7	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	-13.5
7756	638960.69	4873783.61	326.19	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	46.7	0.2	-0.9	0.0	0.0	16.3	0.0	0.0	-10.1
7756	638960.69	4873783.61	326.19	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	46.7	0.6	-1.0	0.0	0.0	19.1	0.0	0.0	-14.0
7756	638960.69	4873783.61	326.19	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	46.7	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-21.5
7756	638960.69	4873783.61	326.19	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	46.7	7.1	-1.0	0.0	0.0	21.0	0.0	0.0	-29.8
7764	638962.34	4873776.84	326.10	0	DEN	32	16.0	1.8	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-34.4
7764	638962.34	4873776.84	326.10	0	DEN	63	24.2	1.8	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-27.2
7764	638962.34	4873776.84	326.10	0	DEN	125	30.3	1.8	0.0	0.0	0.0	46.1	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-22.6
7764	638962.34	4873776.84	326.10	0	DEN	250	35.8	1.8	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	9.0	0.0	0.0	-19.2
7764	638962.34	4873776.84	326.10	0	DEN	500	41.2	1.8	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.8	0.0	0.0	-16.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7764	638962.34	4873776.84	326.10	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	46.1	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	-12.9
7764	638962.34	4873776.84	326.10	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.7	0.0	0.0	-16.8
7764	638962.34	4873776.84	326.10	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-23.7
7764	638962.34	4873776.84	326.10	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
7771	638965.08	4873766.35	325.86	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-33.7
7771	638965.08	4873766.35	325.86	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-26.7
7771	638965.08	4873766.35	325.86	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-22.3
7771	638965.08	4873766.35	325.86	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.7	0.0	0.0	-19.0
7771	638965.08	4873766.35	325.86	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-16.1
7771	638965.08	4873766.35	325.86	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	-12.7
7771	638965.08	4873766.35	325.86	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-16.7
7771	638965.08	4873766.35	325.86	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
7771	638965.08	4873766.35	325.86	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-29.8
7778	638953.42	4873812.12	326.75	0	DEN	32	16.0	10.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-28.2
7778	638953.42	4873812.12	326.75	0	DEN	63	24.2	10.9	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-20.6
7778	638953.42	4873812.12	326.75	0	DEN	125	30.3	10.9	0.0	0.0	0.0	49.5	0.0	1.4	0.0	0.0	5.7	0.0	0.0	-15.5
7778	638953.42	4873812.12	326.75	0	DEN	250	35.8	10.9	0.0	0.0	0.0	49.5	0.1	2.3	0.0	0.0	6.2	0.0	0.0	-11.5
7778	638953.42	4873812.12	326.75	0	DEN	500	41.2	10.9	0.0	0.0	0.0	49.5	0.2	-0.6	0.0	0.0	11.2	0.0	0.0	-8.2
7778	638953.42	4873812.12	326.75	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	49.5	0.3	-1.0	0.0	0.0	14.0	0.0	0.0	-4.6
7778	638953.42	4873812.12	326.75	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	49.5	0.8	-1.0	0.0	0.0	16.6	0.0	0.0	-8.5
7778	638953.42	4873812.12	326.75	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	49.5	2.8	-1.0	0.0	0.0	19.5	0.0	0.0	-17.5
7778	638953.42	4873812.12	326.75	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	49.5	9.9	-1.0	0.0	0.0	21.0	0.0	0.0	-29.2
7784	638947.66	4873834.62	327.20	0	DEN	32	16.0	10.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-29.8
7784	638947.66	4873834.62	327.20	0	DEN	63	24.2	10.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-22.0
7784	638947.66	4873834.62	327.20	0	DEN	125	30.3	10.9	0.0	0.0	0.0	51.4	0.0	1.2	0.0	0.0	5.1	0.0	0.0	-16.6
7784	638947.66	4873834.62	327.20	0	DEN	250	35.8	10.9	0.0	0.0	0.0	51.4	0.1	1.9	0.0	0.0	5.6	0.0	0.0	-12.3
7784	638947.66	4873834.62	327.20	0	DEN	500	41.2	10.9	0.0	0.0	0.0	51.4	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-8.6
7784	638947.66	4873834.62	327.20	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	51.4	0.4	-1.2	0.0	0.0	12.4	0.0	0.0	-4.7
7784	638947.66	4873834.62	327.20	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	51.4	1.0	-1.2	0.0	0.0	14.9	0.0	0.0	-8.7
7784	638947.66	4873834.62	327.20	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	51.4	3.4	-1.2	0.0	0.0	17.6	0.0	0.0	-18.0
7784	638947.66	4873834.62	327.20	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	51.4	12.3	-1.2	0.0	0.0	20.5	0.0	0.0	-32.8
7791	638944.07	4873849.68	327.37	0	DEN	32	16.0	7.8	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-33.8
7791	638944.07	4873849.68	327.37	0	DEN	63	24.2	7.8	0.0	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-25.9
7791	638944.07	4873849.68	327.37	0	DEN	125	30.3	7.8	0.0	0.0	0.0	52.5	0.0	1.2	0.0	0.0	4.8	0.0	0.0	-20.5
7791	638944.07	4873849.68	327.37	0	DEN	250	35.8	7.8	0.0	0.0	0.0	52.5	0.1	1.7	0.0	0.0	5.3	0.0	0.0	-16.0
7791	638944.07	4873849.68	327.37	0	DEN	500	41.2	7.8	0.0	0.0	0.0	52.5	0.2	-0.9	0.0	0.0	9.4	0.0	0.0	-12.2
7791	638944.07	4873849.68	327.37	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	52.5	0.4	-1.3	0.0	0.0	11.7	0.0	0.0	-8.1
7791	638944.07	4873849.68	327.37	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	52.5	1.1	-1.3	0.0	0.0	14.1	0.0	0.0	-12.0
7791	638944.07	4873849.68	327.37	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	52.5	3.9	-1.3	0.0	0.0	16.7	0.0	0.0	-21.6
7791	638944.07	4873849.68	327.37	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	52.5	13.9	-1.3	0.0	0.0	19.6	0.0	0.0	-37.6
7799	638938.03	4873873.71	327.80	0	DEN	32	16.0	7.8	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-35.0
7799	638938.03	4873873.71	327.80	0	DEN	63	24.2	7.8	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-27.1
7799	638938.03	4873873.71	327.80	0	DEN	125	30.3	7.8	0.0	0.0	0.0	54.1	0.1	1.4	0.0	0.0	4.2	0.0	0.0	-21.6
7799	638938.03	4873873.71	327.80	0	DEN	250	35.8	7.8	0.0	0.0	0.0	54.1	0.1	1.9	0.0	0.0	4.3	0.0	0.0	-16.8
7799	638938.03	4873873.71	327.80	0	DEN	500	41.2	7.8	0.0	0.0	0.0	54.1	0.3	-0.9	0.0	0.0	8.3	0.0	0.0	-12.7
7799	638938.03	4873873.71	327.80	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	54.1	0.5	-1.2	0.0	0.0	10.2	0.0	0.0	-8.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7799	638938.03	4873873.71	327.80	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	54.1	1.4	-1.2	0.0	0.0	12.4	0.0	0.0	-12.1
7799	638938.03	4873873.71	327.80	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	54.1	4.7	-1.2	0.0	0.0	14.8	0.0	0.0	-22.1
7799	638938.03	4873873.71	327.80	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	54.1	16.6	-1.2	0.0	0.0	17.5	0.0	0.0	-39.9
7806	638968.56	4873749.67	325.89	0	DEN	32	16.0	10.9	0.0	0.0	0.0	44.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-24.0
7806	638968.56	4873749.67	325.89	0	DEN	63	24.2	10.9	0.0	0.0	0.0	44.1	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-17.1
7806	638968.56	4873749.67	325.89	0	DEN	125	30.3	10.9	0.0	0.0	0.0	44.1	0.0	0.6	0.0	0.0	9.2	0.0	0.0	-12.8
7806	638968.56	4873749.67	325.89	0	DEN	250	35.8	10.9	0.0	0.0	0.0	44.1	0.0	1.4	0.0	0.0	10.7	0.0	0.0	-9.6
7806	638968.56	4873749.67	325.89	0	DEN	500	41.2	10.9	0.0	0.0	0.0	44.1	0.1	-0.8	0.0	0.0	15.4	0.0	0.0	-6.8
7806	638968.56	4873749.67	325.89	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	44.1	0.2	-1.1	0.0	0.0	18.5	0.0	0.0	-3.5
7806	638968.56	4873749.67	325.89	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	44.1	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	-7.1
7806	638968.56	4873749.67	325.89	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	44.1	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-12.4
7806	638968.56	4873749.67	325.89	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	44.1	5.3	-1.1	0.0	0.0	21.1	0.0	0.0	-19.3
7811	638965.26	4873763.21	326.09	0	DEN	32	16.0	10.9	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-24.3
7811	638965.26	4873763.21	326.09	0	DEN	63	24.2	10.9	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-17.3
7811	638965.26	4873763.21	326.09	0	DEN	125	30.3	10.9	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-12.8
7811	638965.26	4873763.21	326.09	0	DEN	250	35.8	10.9	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-9.4
7811	638965.26	4873763.21	326.09	0	DEN	500	41.2	10.9	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-6.6
7811	638965.26	4873763.21	326.09	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-3.2
7811	638965.26	4873763.21	326.09	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-7.1
7811	638965.26	4873763.21	326.09	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-13.3
7811	638965.26	4873763.21	326.09	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-20.5
7819	638964.41	4873767.78	326.03	0	DEN	32	16.0	7.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-27.7
7819	638964.41	4873767.78	326.03	0	DEN	63	24.2	7.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-20.6
7819	638964.41	4873767.78	326.03	0	DEN	125	30.3	7.8	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-16.1
7819	638964.41	4873767.78	326.03	0	DEN	250	35.8	7.8	0.0	0.0	0.0	45.2	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-12.7
7819	638964.41	4873767.78	326.03	0	DEN	500	41.2	7.8	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	14.2	0.0	0.0	-9.8
7819	638964.41	4873767.78	326.03	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	-6.4
7819	638964.41	4873767.78	326.03	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-10.4
7819	638964.41	4873767.78	326.03	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-16.7
7819	638964.41	4873767.78	326.03	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-24.1
7827	638961.68	4873778.27	326.26	0	DEN	32	16.0	7.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-28.4
7827	638961.68	4873778.27	326.26	0	DEN	63	24.2	7.8	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-21.2
7827	638961.68	4873778.27	326.26	0	DEN	125	30.3	7.8	0.0	0.0	0.0	46.2	0.0	0.9	0.0	0.0	7.5	0.0	0.0	-16.5
7827	638961.68	4873778.27	326.26	0	DEN	250	35.8	7.8	0.0	0.0	0.0	46.2	0.1	1.8	0.0	0.0	8.6	0.0	0.0	-13.0
7827	638961.68	4873778.27	326.26	0	DEN	500	41.2	7.8	0.0	0.0	0.0	46.2	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-10.0
7827	638961.68	4873778.27	326.26	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	46.2	0.2	-1.0	0.0	0.0	16.4	0.0	0.0	-6.6
7827	638961.68	4873778.27	326.26	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	46.2	0.6	-1.0	0.0	0.0	19.2	0.0	0.0	-10.5
7827	638961.68	4873778.27	326.26	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	46.2	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-17.9
7827	638961.68	4873778.27	326.26	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	46.2	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-25.9
7835	638959.22	4873787.23	326.52	0	DEN	32	16.0	7.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-29.1
7835	638959.22	4873787.23	326.52	0	DEN	63	24.2	7.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-21.7
7835	638959.22	4873787.23	326.52	0	DEN	125	30.3	7.8	0.0	0.0	0.0	47.2	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-16.9
7835	638959.22	4873787.23	326.52	0	DEN	250	35.8	7.8	0.0	0.0	0.0	47.2	0.1	2.1	0.0	0.0	7.5	0.0	0.0	-13.2
7835	638959.22	4873787.23	326.52	0	DEN	500	41.2	7.8	0.0	0.0	0.0	47.2	0.1	-0.6	0.0	0.0	12.4	0.0	0.0	-10.1
7835	638959.22	4873787.23	326.52	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	47.2	0.2	-1.0	0.0	0.0	15.4	0.0	0.0	-6.6
7835	638959.22	4873787.23	326.52	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	47.2	0.6	-1.0	0.0	0.0	18.1	0.0	0.0	-10.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7835	638959.22	4873787.23	326.52	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	47.2	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-19.0
7835	638959.22	4873787.23	326.52	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	47.2	7.5	-1.0	0.0	0.0	21.0	0.0	0.0	-27.5
7842	638955.92	4873800.77	326.71	0	DEN	32	16.0	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-30.2
7842	638955.92	4873800.77	326.71	0	DEN	63	24.2	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-22.7
7842	638955.92	4873800.77	326.71	0	DEN	125	30.3	7.8	0.0	0.0	0.0	48.5	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-17.7
7842	638955.92	4873800.77	326.71	0	DEN	250	35.8	7.8	0.0	0.0	0.0	48.5	0.1	2.1	0.0	0.0	6.8	0.0	0.0	-13.9
7842	638955.92	4873800.77	326.71	0	DEN	500	41.2	7.8	0.0	0.0	0.0	48.5	0.1	-0.7	0.0	0.0	11.7	0.0	0.0	-10.6
7842	638955.92	4873800.77	326.71	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	48.5	0.3	-1.0	0.0	0.0	14.5	0.0	0.0	-7.0
7842	638955.92	4873800.77	326.71	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	48.5	0.7	-1.1	0.0	0.0	17.2	0.0	0.0	-10.9
7842	638955.92	4873800.77	326.71	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	48.5	2.5	-1.1	0.0	0.0	20.1	0.0	0.0	-19.7
7842	638955.92	4873800.77	326.71	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	48.5	8.8	-1.1	0.0	0.0	21.1	0.0	0.0	-30.1
7848	638932.84	4873894.70	328.14	1	DEN	1000	47.4	-8.3	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-28.5
7848	638932.84	4873894.70	328.14	1	DEN	2000	46.6	-8.3	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-32.6
7848	638932.84	4873894.70	328.14	1	DEN	4000	42.4	-8.3	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-43.6
7848	638932.84	4873894.70	328.14	1	DEN	8000	39.3	-8.3	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-64.7
7856	638824.05	4873515.64	324.11	0	DEN	32	16.0	24.8	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-24.6
7856	638824.05	4873515.64	324.11	0	DEN	63	24.2	24.8	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-16.5
7856	638824.05	4873515.64	324.11	0	DEN	125	30.3	24.8	0.0	0.0	0.0	60.7	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-10.5
7856	638824.05	4873515.64	324.11	0	DEN	250	35.8	24.8	0.0	0.0	0.0	60.7	0.3	1.4	0.0	0.0	3.4	0.0	0.0	-5.2
7856	638824.05	4873515.64	324.11	0	DEN	500	41.2	24.8	0.0	0.0	0.0	60.7	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-0.2
7856	638824.05	4873515.64	324.11	0	DEN	1000	47.4	24.8	0.0	0.0	0.0	60.7	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	5.4
7856	638824.05	4873515.64	324.11	0	DEN	2000	46.6	24.8	0.0	0.0	0.0	60.7	2.9	-1.8	0.0	0.0	7.2	0.0	0.0	2.5
7856	638824.05	4873515.64	324.11	0	DEN	4000	42.4	24.8	0.0	0.0	0.0	60.7	10.0	-1.8	0.0	0.0	7.7	0.0	0.0	-9.3
7856	638824.05	4873515.64	324.11	0	DEN	8000	39.3	24.8	0.0	0.0	0.0	60.7	35.5	-1.8	0.0	0.0	8.6	0.0	0.0	-38.8
7861	638811.32	4873515.36	324.06	0	DEN	32	16.0	23.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-26.2
7861	638811.32	4873515.36	324.06	0	DEN	63	24.2	23.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-18.1
7861	638811.32	4873515.36	324.06	0	DEN	125	30.3	23.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-12.1
7861	638811.32	4873515.36	324.06	0	DEN	250	35.8	23.5	0.0	0.0	0.0	60.9	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-6.8
7861	638811.32	4873515.36	324.06	0	DEN	500	41.2	23.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-1.7
7861	638811.32	4873515.36	324.06	0	DEN	1000	47.4	23.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	6.9	0.0	0.0	3.8
7861	638811.32	4873515.36	324.06	0	DEN	2000	46.6	23.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	7.2	0.0	0.0	0.8
7861	638811.32	4873515.36	324.06	0	DEN	4000	42.4	23.5	0.0	0.0	0.0	60.9	10.2	-1.9	0.0	0.0	7.7	0.0	0.0	-11.1
7861	638811.32	4873515.36	324.06	0	DEN	8000	39.3	23.5	0.0	0.0	0.0	60.9	36.5	-1.9	0.0	0.0	8.5	0.0	0.0	-41.3
7867	638785.59	4873534.10	324.55	0	DEN	32	16.0	32.6	0.0	0.0	0.0	61.0	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-17.2
7867	638785.59	4873534.10	324.55	0	DEN	63	24.2	32.6	0.0	0.0	0.0	61.0	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-9.0
7867	638785.59	4873534.10	324.55	0	DEN	125	30.3	32.6	0.0	0.0	0.0	61.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-3.0
7867	638785.59	4873534.10	324.55	0	DEN	250	35.8	32.6	0.0	0.0	0.0	61.0	0.3	1.3	0.0	0.0	3.5	0.0	0.0	2.2
7867	638785.59	4873534.10	324.55	0	DEN	500	41.2	32.6	0.0	0.0	0.0	61.0	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	7.2
7867	638785.59	4873534.10	324.55	0	DEN	1000	47.4	32.6	0.0	0.0	0.0	61.0	1.2	-1.9	0.0	0.0	7.0	0.0	0.0	12.7
7867	638785.59	4873534.10	324.55	0	DEN	2000	46.6	32.6	0.0	0.0	0.0	61.0	3.1	-1.9	0.0	0.0	7.4	0.0	0.0	9.7
7867	638785.59	4873534.10	324.55	0	DEN	4000	42.4	32.6	0.0	0.0	0.0	61.0	10.4	-1.9	0.0	0.0	8.0	0.0	0.0	-2.4
7867	638785.59	4873534.10	324.55	0	DEN	8000	39.3	32.6	0.0	0.0	0.0	61.0	37.0	-1.9	0.0	0.0	9.0	0.0	0.0	-33.1
7874	638772.69	4873563.29	325.42	0	DEN	32	16.0	29.6	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-19.9
7874	638772.69	4873563.29	325.42	0	DEN	63	24.2	29.6	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-11.8
7874	638772.69	4873563.29	325.42	0	DEN	125	30.3	29.6	0.0	0.0	0.0	60.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-5.8
7874	638772.69	4873563.29	325.42	0	DEN	250	35.8	29.6	0.0	0.0	0.0	60.7	0.3	1.3	0.0	0.0	3.6	0.0	0.0	-0.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7874	638772.69	4873563.29	325.42	0	DEN	500	41.2	29.6	0.0	0.0	0.0	60.7	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	4.4
7874	638772.69	4873563.29	325.42	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	60.7	1.1	-1.9	0.0	0.0	7.2	0.0	0.0	9.8
7874	638772.69	4873563.29	325.42	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	60.7	3.0	-1.9	0.0	0.0	7.7	0.0	0.0	6.7
7874	638772.69	4873563.29	325.42	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	60.7	10.1	-1.9	0.0	0.0	8.5	0.0	0.0	-5.4
7874	638772.69	4873563.29	325.42	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	60.7	35.9	-1.9	0.0	0.0	9.8	0.0	0.0	-35.6
7880	638728.47	4873600.41	326.43	0	DEN	32	16.0	29.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.8	0.0	0.0	-20.4
7880	638728.47	4873600.41	326.43	0	DEN	63	24.2	29.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-12.3
7880	638728.47	4873600.41	326.43	0	DEN	125	30.3	29.6	0.0	0.0	0.0	61.2	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-6.3
7880	638728.47	4873600.41	326.43	0	DEN	250	35.8	29.6	0.0	0.0	0.0	61.2	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-1.1
7880	638728.47	4873600.41	326.43	0	DEN	500	41.2	29.6	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	3.8
7880	638728.47	4873600.41	326.43	0	DEN	1000	47.4	29.6	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.4	0.0	0.0	9.1
7880	638728.47	4873600.41	326.43	0	DEN	2000	46.6	29.6	0.0	0.0	0.0	61.2	3.1	-1.9	0.0	0.0	8.1	0.0	0.0	5.7
7880	638728.47	4873600.41	326.43	0	DEN	4000	42.4	29.6	0.0	0.0	0.0	61.2	10.6	-1.9	0.0	0.0	9.1	0.0	0.0	-7.0
7880	638728.47	4873600.41	326.43	0	DEN	8000	39.3	29.6	0.0	0.0	0.0	61.2	37.8	-1.9	0.0	0.0	10.6	0.0	0.0	-38.8
7887	638796.67	4873505.24	323.69	1	DEN	1000	47.4	20.0	0.0	0.0	0.0	61.5	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-1.4
7887	638796.67	4873505.24	323.69	1	DEN	2000	46.6	20.0	0.0	0.0	0.0	61.5	3.3	-1.9	0.0	0.0	7.1	0.0	1.0	-4.4
7887	638796.67	4873505.24	323.69	1	DEN	4000	42.4	20.0	0.0	0.0	0.0	61.5	11.0	-1.9	0.0	0.0	7.5	0.0	1.0	-16.8
7887	638796.67	4873505.24	323.69	1	DEN	8000	39.3	20.0	0.0	0.0	0.0	61.5	39.3	-1.9	0.0	0.0	8.2	0.0	1.0	-48.9
8007	638962.02	4873769.92	325.94	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-34.0
8007	638962.02	4873769.92	325.94	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-26.8
8007	638962.02	4873769.92	325.94	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.7	0.0	0.8	0.0	0.0	7.8	0.0	0.0	-22.2
8007	638962.02	4873769.92	325.94	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.7	0.1	1.6	0.0	0.0	9.0	0.0	0.0	-18.7
8007	638962.02	4873769.92	325.94	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-15.8
8007	638962.02	4873769.92	325.94	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	16.7	0.0	0.0	-12.4
8007	638962.02	4873769.92	325.94	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.7	0.5	-1.1	0.0	0.0	19.6	0.0	0.0	-16.3
8007	638962.02	4873769.92	325.94	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.7	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-23.3
8007	638962.02	4873769.92	325.94	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.7	6.4	-1.1	0.0	0.0	21.1	0.0	0.0	-31.0
8012	638958.95	4873782.18	326.16	0	DEN	32	16.0	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-34.9
8012	638958.95	4873782.18	326.16	0	DEN	63	24.2	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-27.6
8012	638958.95	4873782.18	326.16	0	DEN	125	30.3	1.8	0.0	0.0	0.0	46.8	0.0	1.1	0.0	0.0	6.9	0.0	0.0	-22.8
8012	638958.95	4873782.18	326.16	0	DEN	250	35.8	1.8	0.0	0.0	0.0	46.8	0.1	2.0	0.0	0.0	7.9	0.0	0.0	-19.2
8012	638958.95	4873782.18	326.16	0	DEN	500	41.2	1.8	0.0	0.0	0.0	46.8	0.1	-0.6	0.0	0.0	12.8	0.0	0.0	-16.2
8012	638958.95	4873782.18	326.16	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	46.8	0.2	-1.0	0.0	0.0	15.8	0.0	0.0	-12.7
8012	638958.95	4873782.18	326.16	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	46.8	0.6	-1.0	0.0	0.0	18.6	0.0	0.0	-16.6
8012	638958.95	4873782.18	326.16	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	46.8	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-24.7
8012	638958.95	4873782.18	326.16	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	46.8	7.2	-1.0	0.0	0.0	21.0	0.0	0.0	-33.0
8017	638963.86	4873762.10	325.81	0	DEN	32	16.0	4.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-30.6
8017	638963.86	4873762.10	325.81	0	DEN	63	24.2	4.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-23.5
8017	638963.86	4873762.10	325.81	0	DEN	125	30.3	4.8	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-19.0
8017	638963.86	4873762.10	325.81	0	DEN	250	35.8	4.8	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-15.6
8017	638963.86	4873762.10	325.81	0	DEN	500	41.2	4.8	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-12.8
8017	638963.86	4873762.10	325.81	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-9.4
8017	638963.86	4873762.10	325.81	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-13.3
8017	638963.86	4873762.10	325.81	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-19.5
8017	638963.86	4873762.10	325.81	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-26.9
8021	638966.16	4873752.91	325.64	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-33.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8021	638966.16	4873752.91	325.64	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-26.4
8021	638966.16	4873752.91	325.64	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.6	0.0	0.9	0.0	0.0	8.7	0.0	0.0	-22.0
8021	638966.16	4873752.91	325.64	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.6	0.0	1.7	0.0	0.0	10.1	0.0	0.0	-18.8
8021	638966.16	4873752.91	325.64	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.6	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-16.0
8021	638966.16	4873752.91	325.64	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.6	0.2	-0.9	0.0	0.0	18.0	0.0	0.0	-12.6
8021	638966.16	4873752.91	325.64	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.6	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-16.6
8021	638966.16	4873752.91	325.64	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.6	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.9
8021	638966.16	4873752.91	325.64	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.6	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-29.0
8025	638968.01	4873745.09	325.51	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-33.3
8025	638968.01	4873745.09	325.51	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-26.4
8025	638968.01	4873745.09	325.51	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.3	0.0	0.6	0.0	0.0	9.3	0.0	0.0	-22.2
8025	638968.01	4873745.09	325.51	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.3	0.0	1.4	0.0	0.0	10.8	0.0	0.0	-19.0
8025	638968.01	4873745.09	325.51	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.3	0.1	-0.8	0.0	0.0	15.6	0.0	0.0	-16.2
8025	638968.01	4873745.09	325.51	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.3	0.2	-1.1	0.0	0.0	18.7	0.0	0.0	-12.9
8025	638968.01	4873745.09	325.51	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.3	0.4	-1.1	0.0	0.0	21.1	0.0	0.0	-16.4
8025	638968.01	4873745.09	325.51	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.3	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-21.7
8025	638968.01	4873745.09	325.51	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.3	5.4	-1.1	0.0	0.0	21.1	0.0	0.0	-28.7
8031	638969.09	4873740.33	325.42	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-33.4
8031	638969.09	4873740.33	325.42	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-26.6
8031	638969.09	4873740.33	325.42	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.4	0.0	0.8	0.0	0.0	9.3	0.0	0.0	-22.3
8031	638969.09	4873740.33	325.42	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.4	0.0	1.6	0.0	0.0	10.8	0.0	0.0	-19.2
8031	638969.09	4873740.33	325.42	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.4	0.1	-0.7	0.0	0.0	15.7	0.0	0.0	-16.4
8031	638969.09	4873740.33	325.42	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.4	0.2	-1.0	0.0	0.0	18.8	0.0	0.0	-13.1
8031	638969.09	4873740.33	325.42	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.4	0.4	-1.0	0.0	0.0	21.0	0.0	0.0	-16.4
8031	638969.09	4873740.33	325.42	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.4	1.5	-1.0	0.0	0.0	21.0	0.0	0.0	-21.7
8031	638969.09	4873740.33	325.42	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.4	5.4	-1.0	0.0	0.0	21.0	0.0	0.0	-28.7
8037	638972.47	4873726.38	325.18	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-33.8
8037	638972.47	4873726.38	325.18	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-26.9
8037	638972.47	4873726.38	325.18	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	9.1	0.0	0.0	-22.7
8037	638972.47	4873726.38	325.18	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.6	0.0	0.0	-19.5
8037	638972.47	4873726.38	325.18	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.5	0.0	0.0	-16.8
8037	638972.47	4873726.38	325.18	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.6	0.0	0.0	-13.4
8037	638972.47	4873726.38	325.18	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.9
8037	638972.47	4873726.38	325.18	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.3
8037	638972.47	4873726.38	325.18	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-29.5
8041	638956.32	4873794.22	326.37	0	DEN	32	16.0	7.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-29.8
8041	638956.32	4873794.22	326.37	0	DEN	63	24.2	7.8	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.4
8041	638956.32	4873794.22	326.37	0	DEN	125	30.3	7.8	0.0	0.0	0.0	48.0	0.0	1.2	0.0	0.0	6.4	0.0	0.0	-17.5
8041	638956.32	4873794.22	326.37	0	DEN	250	35.8	7.8	0.0	0.0	0.0	48.0	0.1	2.1	0.0	0.0	7.2	0.0	0.0	-13.7
8041	638956.32	4873794.22	326.37	0	DEN	500	41.2	7.8	0.0	0.0	0.0	48.0	0.1	-0.6	0.0	0.0	12.1	0.0	0.0	-10.6
8041	638956.32	4873794.22	326.37	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	48.0	0.3	-1.0	0.0	0.0	15.0	0.0	0.0	-7.0
8041	638956.32	4873794.22	326.37	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	48.0	0.7	-1.0	0.0	0.0	17.8	0.0	0.0	-11.0
8041	638956.32	4873794.22	326.37	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	48.0	2.3	-1.0	0.0	0.0	20.6	0.0	0.0	-19.7
8041	638956.32	4873794.22	326.37	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	48.0	8.2	-1.0	0.0	0.0	21.0	0.0	0.0	-29.1
8046	638958.48	4873784.72	326.20	0	DEN	32	16.0	4.8	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-32.1
8046	638958.48	4873784.72	326.20	0	DEN	63	24.2	4.8	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-24.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8046	638958.48	4873784.72	326.20	0	DEN	125	30.3	4.8	0.0	0.0	0.0	47.1	0.0	1.2	0.0	0.0	6.8	0.0	0.0	-20.0
8046	638958.48	4873784.72	326.20	0	DEN	250	35.8	4.8	0.0	0.0	0.0	47.1	0.1	2.1	0.0	0.0	7.7	0.0	0.0	-16.3
8046	638958.48	4873784.72	326.20	0	DEN	500	41.2	4.8	0.0	0.0	0.0	47.1	0.1	-0.6	0.0	0.0	12.7	0.0	0.0	-13.2
8046	638958.48	4873784.72	326.20	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	47.1	0.2	-1.0	0.0	0.0	15.6	0.0	0.0	-9.7
8046	638958.48	4873784.72	326.20	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	47.1	0.6	-1.0	0.0	0.0	18.4	0.0	0.0	-13.7
8046	638958.48	4873784.72	326.20	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	47.1	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-21.9
8046	638958.48	4873784.72	326.20	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	47.1	7.4	-1.0	0.0	0.0	21.0	0.0	0.0	-30.4
8052	638961.55	4873772.46	325.99	0	DEN	32	16.0	4.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-31.1
8052	638961.55	4873772.46	325.99	0	DEN	63	24.2	4.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-23.9
8052	638961.55	4873772.46	325.99	0	DEN	125	30.3	4.8	0.0	0.0	0.0	45.9	0.0	0.8	0.0	0.0	7.7	0.0	0.0	-19.3
8052	638961.55	4873772.46	325.99	0	DEN	250	35.8	4.8	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-15.8
8052	638961.55	4873772.46	325.99	0	DEN	500	41.2	4.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	13.6	0.0	0.0	-12.9
8052	638961.55	4873772.46	325.99	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	45.9	0.2	-1.1	0.0	0.0	16.6	0.0	0.0	-9.4
8052	638961.55	4873772.46	325.99	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	45.9	0.5	-1.1	0.0	0.0	19.4	0.0	0.0	-13.4
8052	638961.55	4873772.46	325.99	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	45.9	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-20.5
8052	638961.55	4873772.46	325.99	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	45.9	6.5	-1.1	0.0	0.0	21.1	0.0	0.0	-28.3
8058	638953.10	4873807.33	326.60	0	DEN	32	16.0	7.8	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-30.9
8058	638953.10	4873807.33	326.60	0	DEN	63	24.2	7.8	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-23.3
8058	638953.10	4873807.33	326.60	0	DEN	125	30.3	7.8	0.0	0.0	0.0	49.2	0.0	1.2	0.0	0.0	5.9	0.0	0.0	-18.2
8058	638953.10	4873807.33	326.60	0	DEN	250	35.8	7.8	0.0	0.0	0.0	49.2	0.1	2.2	0.0	0.0	6.5	0.0	0.0	-14.3
8058	638953.10	4873807.33	326.60	0	DEN	500	41.2	7.8	0.0	0.0	0.0	49.2	0.2	-0.7	0.0	0.0	11.3	0.0	0.0	-11.0
8058	638953.10	4873807.33	326.60	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	49.2	0.3	-1.1	0.0	0.0	14.1	0.0	0.0	-7.3
8058	638953.10	4873807.33	326.60	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	49.2	0.8	-1.1	0.0	0.0	16.8	0.0	0.0	-11.3
8058	638953.10	4873807.33	326.60	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	49.2	2.7	-1.1	0.0	0.0	19.6	0.0	0.0	-20.2
8058	638953.10	4873807.33	326.60	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	49.2	9.5	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
8066	638949.10	4873824.66	326.91	0	DEN	32	16.0	7.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-32.1
8066	638949.10	4873824.66	326.91	0	DEN	63	24.2	7.8	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-24.4
8066	638949.10	4873824.66	326.91	0	DEN	125	30.3	7.8	0.0	0.0	0.0	50.7	0.0	1.2	0.0	0.0	5.4	0.0	0.0	-19.2
8066	638949.10	4873824.66	326.91	0	DEN	250	35.8	7.8	0.0	0.0	0.0	50.7	0.1	2.0	0.0	0.0	5.9	0.0	0.0	-15.0
8066	638949.10	4873824.66	326.91	0	DEN	500	41.2	7.8	0.0	0.0	0.0	50.7	0.2	-0.8	0.0	0.0	10.4	0.0	0.0	-11.5
8066	638949.10	4873824.66	326.91	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	50.7	0.4	-1.2	0.0	0.0	13.0	0.0	0.0	-7.7
8066	638949.10	4873824.66	326.91	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	50.7	0.9	-1.2	0.0	0.0	15.6	0.0	0.0	-11.6
8066	638949.10	4873824.66	326.91	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	50.7	3.2	-1.2	0.0	0.0	18.4	0.0	0.0	-20.8
8066	638949.10	4873824.66	326.91	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	50.7	11.3	-1.2	0.0	0.0	21.2	0.0	0.0	-34.8
8073	638946.78	4873835.01	327.09	0	DEN	32	16.0	7.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-32.9
8073	638946.78	4873835.01	327.09	0	DEN	63	24.2	7.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-25.1
8073	638946.78	4873835.01	327.09	0	DEN	125	30.3	7.8	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-19.7
8073	638946.78	4873835.01	327.09	0	DEN	250	35.8	7.8	0.0	0.0	0.0	51.5	0.1	1.8	0.0	0.0	5.6	0.0	0.0	-15.4
8073	638946.78	4873835.01	327.09	0	DEN	500	41.2	7.8	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	10.0	0.0	0.0	-11.7
8073	638946.78	4873835.01	327.09	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	51.5	0.4	-1.2	0.0	0.0	12.4	0.0	0.0	-7.8
8073	638946.78	4873835.01	327.09	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	51.5	1.0	-1.2	0.0	0.0	14.9	0.0	0.0	-11.8
8073	638946.78	4873835.01	327.09	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	51.5	3.5	-1.2	0.0	0.0	17.7	0.0	0.0	-21.1
8073	638946.78	4873835.01	327.09	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	51.5	12.4	-1.2	0.0	0.0	20.5	0.0	0.0	-36.0
8081	638939.40	4873866.29	327.64	0	DEN	32	16.0	7.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-34.8
8081	638939.40	4873866.29	327.64	0	DEN	63	24.2	7.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-26.9
8081	638939.40	4873866.29	327.64	0	DEN	125	30.3	7.8	0.0	0.0	0.0	53.6	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-21.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8081	638939.40	4873866.29	327.64	0	DEN	250	35.8	7.8	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-16.6
8081	638939.40	4873866.29	327.64	0	DEN	500	41.2	7.8	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	-12.5
8081	638939.40	4873866.29	327.64	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	53.6	0.5	-1.3	0.0	0.0	10.7	0.0	0.0	-8.3
8081	638939.40	4873866.29	327.64	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	53.6	1.3	-1.3	0.0	0.0	12.9	0.0	0.0	-12.1
8081	638939.40	4873866.29	327.64	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	53.6	4.4	-1.3	0.0	0.0	15.4	0.0	0.0	-21.9
8081	638939.40	4873866.29	327.64	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	53.6	15.8	-1.3	0.0	0.0	18.1	0.0	0.0	-39.2
8099	638976.50	4873706.74	324.84	0	DEN	32	16.0	10.9	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-26.0
8099	638976.50	4873706.74	324.84	0	DEN	63	24.2	10.9	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-18.9
8099	638976.50	4873706.74	324.84	0	DEN	125	30.3	10.9	0.0	0.0	0.0	46.5	0.0	1.2	0.0	0.0	7.9	0.0	0.0	-14.5
8099	638976.50	4873706.74	324.84	0	DEN	250	35.8	10.9	0.0	0.0	0.0	46.5	0.1	2.1	0.0	0.0	9.1	0.0	0.0	-11.1
8099	638976.50	4873706.74	324.84	0	DEN	500	41.2	10.9	0.0	0.0	0.0	46.5	0.1	-0.5	0.0	0.0	14.2	0.0	0.0	-8.3
8099	638976.50	4873706.74	324.84	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	46.5	0.2	-0.9	0.0	0.0	17.3	0.0	0.0	-4.9
8099	638976.50	4873706.74	324.84	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	46.5	0.6	-0.9	0.0	0.0	20.2	0.0	0.0	-8.9
8099	638976.50	4873706.74	324.84	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	46.5	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-15.2
8099	638976.50	4873706.74	324.84	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	46.5	7.0	-0.9	0.0	0.0	20.9	0.0	0.0	-23.3
8110	638973.87	4873718.78	325.05	0	DEN	32	16.0	7.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-28.1
8110	638973.87	4873718.78	325.05	0	DEN	63	24.2	7.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-21.2
8110	638973.87	4873718.78	325.05	0	DEN	125	30.3	7.8	0.0	0.0	0.0	45.4	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-16.8
8110	638973.87	4873718.78	325.05	0	DEN	250	35.8	7.8	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	10.0	0.0	0.0	-13.6
8110	638973.87	4873718.78	325.05	0	DEN	500	41.2	7.8	0.0	0.0	0.0	45.4	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-10.8
8110	638973.87	4873718.78	325.05	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-7.4
8110	638973.87	4873718.78	325.05	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-11.4
8110	638973.87	4873718.78	325.05	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-16.9
8110	638973.87	4873718.78	325.05	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	45.4	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-24.5
8117	638972.12	4873725.02	325.16	0	DEN	32	16.0	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-30.8
8117	638972.12	4873725.02	325.16	0	DEN	63	24.2	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-23.9
8117	638972.12	4873725.02	325.16	0	DEN	125	30.3	4.8	0.0	0.0	0.0	45.0	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-19.6
8117	638972.12	4873725.02	325.16	0	DEN	250	35.8	4.8	0.0	0.0	0.0	45.0	0.1	1.6	0.0	0.0	10.4	0.0	0.0	-16.4
8117	638972.12	4873725.02	325.16	0	DEN	500	41.2	4.8	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-13.6
8117	638972.12	4873725.02	325.16	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-10.3
8117	638972.12	4873725.02	325.16	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-14.1
8117	638972.12	4873725.02	325.16	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-19.5
8117	638972.12	4873725.02	325.16	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-26.8
8123	638970.12	4873733.68	325.31	0	DEN	32	16.0	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-30.6
8123	638970.12	4873733.68	325.31	0	DEN	63	24.2	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-23.7
8123	638970.12	4873733.68	325.31	0	DEN	125	30.3	4.8	0.0	0.0	0.0	44.6	0.0	0.9	0.0	0.0	9.1	0.0	0.0	-19.5
8123	638970.12	4873733.68	325.31	0	DEN	250	35.8	4.8	0.0	0.0	0.0	44.6	0.0	1.7	0.0	0.0	10.7	0.0	0.0	-16.4
8123	638970.12	4873733.68	325.31	0	DEN	500	41.2	4.8	0.0	0.0	0.0	44.6	0.1	-0.6	0.0	0.0	15.6	0.0	0.0	-13.6
8123	638970.12	4873733.68	325.31	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	44.6	0.2	-0.9	0.0	0.0	18.7	0.0	0.0	-10.3
8123	638970.12	4873733.68	325.31	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	44.6	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-13.6
8123	638970.12	4873733.68	325.31	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	44.6	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-18.9
8123	638970.12	4873733.68	325.31	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	44.6	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
8130	638970.18	4873734.42	325.32	0	DEN	32	16.0	4.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-30.5
8130	638970.18	4873734.42	325.32	0	DEN	63	24.2	4.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.2	0.0	0.0	-23.7
8130	638970.18	4873734.42	325.32	0	DEN	125	30.3	4.8	0.0	0.0	0.0	44.5	0.0	0.9	0.0	0.0	9.2	0.0	0.0	-19.5
8130	638970.18	4873734.42	325.32	0	DEN	250	35.8	4.8	0.0	0.0	0.0	44.5	0.0	1.7	0.0	0.0	10.8	0.0	0.0	-16.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8130	638970.18	4873734.42	325.32	0	DEN	500	41.2	4.8	0.0	0.0	0.0	44.5	0.1	-0.6	0.0	0.0	15.7	0.0	0.0	-13.7
8130	638970.18	4873734.42	325.32	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	44.5	0.2	-0.9	0.0	0.0	18.8	0.0	0.0	-10.3
8130	638970.18	4873734.42	325.32	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	44.5	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-13.6
8130	638970.18	4873734.42	325.32	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	44.5	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-18.9
8130	638970.18	4873734.42	325.32	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	44.5	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-26.0
8137	638972.93	4873723.85	325.13	0	DEN	32	16.0	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-30.9
8137	638972.93	4873723.85	325.13	0	DEN	63	24.2	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-24.0
8137	638972.93	4873723.85	325.13	0	DEN	125	30.3	4.8	0.0	0.0	0.0	45.0	0.0	0.7	0.0	0.0	9.0	0.0	0.0	-19.7
8137	638972.93	4873723.85	325.13	0	DEN	250	35.8	4.8	0.0	0.0	0.0	45.0	0.1	1.5	0.0	0.0	10.5	0.0	0.0	-16.5
8137	638972.93	4873723.85	325.13	0	DEN	500	41.2	4.8	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.4	0.0	0.0	-13.7
8137	638972.93	4873723.85	325.13	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.5	0.0	0.0	-10.4
8137	638972.93	4873723.85	325.13	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	45.0	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-14.1
8137	638972.93	4873723.85	325.13	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	45.0	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-19.5
8137	638972.93	4873723.85	325.13	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	45.0	5.9	-1.1	0.0	0.0	21.1	0.0	0.0	-26.8
8145	638968.18	4873743.08	325.47	0	DEN	32	16.0	7.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-27.3
8145	638968.18	4873743.08	325.47	0	DEN	63	24.2	7.8	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-20.4
8145	638968.18	4873743.08	325.47	0	DEN	125	30.3	7.8	0.0	0.0	0.0	44.4	0.0	0.6	0.0	0.0	9.3	0.0	0.0	-16.2
8145	638968.18	4873743.08	325.47	0	DEN	250	35.8	7.8	0.0	0.0	0.0	44.4	0.0	1.4	0.0	0.0	10.8	0.0	0.0	-13.0
8145	638968.18	4873743.08	325.47	0	DEN	500	41.2	7.8	0.0	0.0	0.0	44.4	0.1	-0.8	0.0	0.0	15.6	0.0	0.0	-10.2
8145	638968.18	4873743.08	325.47	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	44.4	0.2	-1.1	0.0	0.0	18.6	0.0	0.0	-6.9
8145	638968.18	4873743.08	325.47	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	44.4	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-10.4
8145	638968.18	4873743.08	325.47	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	44.4	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-15.7
8145	638968.18	4873743.08	325.47	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	44.4	5.5	-1.1	0.0	0.0	21.1	0.0	0.0	-22.7
8153	638966.11	4873751.01	325.62	0	DEN	32	16.0	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-30.3
8153	638966.11	4873751.01	325.62	0	DEN	63	24.2	4.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-23.3
8153	638966.11	4873751.01	325.62	0	DEN	125	30.3	4.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.9	0.0	0.0	-19.0
8153	638966.11	4873751.01	325.62	0	DEN	250	35.8	4.8	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.3	0.0	0.0	-15.7
8153	638966.11	4873751.01	325.62	0	DEN	500	41.2	4.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-12.9
8153	638966.11	4873751.01	325.62	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.1	0.0	0.0	-9.6
8153	638966.11	4873751.01	325.62	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	21.0	0.0	0.0	-13.5
8153	638966.11	4873751.01	325.62	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.9
8153	638966.11	4873751.01	325.62	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-26.0
8158	638964.11	4873759.68	325.77	0	DEN	32	16.0	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-30.5
8158	638964.11	4873759.68	325.77	0	DEN	63	24.2	4.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-23.4
8158	638964.11	4873759.68	325.77	0	DEN	125	30.3	4.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.2	0.0	0.0	-19.0
8158	638964.11	4873759.68	325.77	0	DEN	250	35.8	4.8	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-15.6
8158	638964.11	4873759.68	325.77	0	DEN	500	41.2	4.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.3	0.0	0.0	-12.8
8158	638964.11	4873759.68	325.77	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	-9.4
8158	638964.11	4873759.68	325.77	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-13.3
8158	638964.11	4873759.68	325.77	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-19.4
8158	638964.11	4873759.68	325.77	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-26.7
8164	638962.80	4873765.70	325.87	0	DEN	32	16.0	4.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-30.7
8164	638962.80	4873765.70	325.87	0	DEN	63	24.2	4.8	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-23.6
8164	638962.80	4873765.70	325.87	0	DEN	125	30.3	4.8	0.0	0.0	0.0	45.4	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-19.1
8164	638962.80	4873765.70	325.87	0	DEN	250	35.8	4.8	0.0	0.0	0.0	45.4	0.1	1.7	0.0	0.0	9.1	0.0	0.0	-15.6
8164	638962.80	4873765.70	325.87	0	DEN	500	41.2	4.8	0.0	0.0	0.0	45.4	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-12.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8164	638962.80	4873765.70	325.87	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	45.4	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-9.3
8164	638962.80	4873765.70	325.87	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	45.4	0.5	-1.0	0.0	0.0	19.7	0.0	0.0	-13.2
8164	638962.80	4873765.70	325.87	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	45.4	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-19.9
8164	638962.80	4873765.70	325.87	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	45.4	6.1	-1.0	0.0	0.0	21.0	0.0	0.0	-27.4
8170	638959.42	4873779.65	326.12	0	DEN	32	16.0	4.8	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-31.7
8170	638959.42	4873779.65	326.12	0	DEN	63	24.2	4.8	0.0	0.0	0.0	46.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-24.4
8170	638959.42	4873779.65	326.12	0	DEN	125	30.3	4.8	0.0	0.0	0.0	46.6	0.0	1.0	0.0	0.0	7.2	0.0	0.0	-19.7
8170	638959.42	4873779.65	326.12	0	DEN	250	35.8	4.8	0.0	0.0	0.0	46.6	0.1	1.8	0.0	0.0	8.2	0.0	0.0	-16.1
8170	638959.42	4873779.65	326.12	0	DEN	500	41.2	4.8	0.0	0.0	0.0	46.6	0.1	-0.7	0.0	0.0	13.0	0.0	0.0	-13.0
8170	638959.42	4873779.65	326.12	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	46.6	0.2	-1.0	0.0	0.0	16.0	0.0	0.0	-9.6
8170	638959.42	4873779.65	326.12	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	46.6	0.6	-1.0	0.0	0.0	18.8	0.0	0.0	-13.5
8170	638959.42	4873779.65	326.12	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	46.6	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-21.4
8170	638959.42	4873779.65	326.12	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	46.6	7.1	-1.0	0.0	0.0	21.0	0.0	0.0	-29.6
8176	638932.78	4873894.65	328.13	1	DEN	1000	47.4	-10.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-30.6
8176	638932.78	4873894.65	328.13	1	DEN	2000	46.6	-10.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-34.7
8176	638932.78	4873894.65	328.13	1	DEN	4000	42.4	-10.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-45.7
8176	638932.78	4873894.65	328.13	1	DEN	8000	39.3	-10.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-66.8
8188	638972.04	4873713.37	324.79	0	DEN	32	16.0	7.6	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-28.8
8188	638972.04	4873713.37	324.79	0	DEN	63	24.2	7.6	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-21.7
8188	638972.04	4873713.37	324.79	0	DEN	125	30.3	7.6	0.0	0.0	0.0	46.2	0.0	1.0	0.0	0.0	7.8	0.0	0.0	-17.2
8188	638972.04	4873713.37	324.79	0	DEN	250	35.8	7.6	0.0	0.0	0.0	46.2	0.1	1.9	0.0	0.0	9.0	0.0	0.0	-13.8
8188	638972.04	4873713.37	324.79	0	DEN	500	41.2	7.6	0.0	0.0	0.0	46.2	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-10.9
8188	638972.04	4873713.37	324.79	0	DEN	1000	47.4	7.6	0.0	0.0	0.0	46.2	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	-7.5
8188	638972.04	4873713.37	324.79	0	DEN	2000	46.6	7.6	0.0	0.0	0.0	46.2	0.6	-1.0	0.0	0.0	19.9	0.0	0.0	-11.5
8188	638972.04	4873713.37	324.79	0	DEN	4000	42.4	7.6	0.0	0.0	0.0	46.2	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-18.1
8188	638972.04	4873713.37	324.79	0	DEN	8000	39.3	7.6	0.0	0.0	0.0	46.2	6.7	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
8195	638970.35	4873721.53	324.97	0	DEN	32	16.0	4.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-31.4
8195	638970.35	4873721.53	324.97	0	DEN	63	24.2	4.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-24.4
8195	638970.35	4873721.53	324.97	0	DEN	125	30.3	4.6	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-19.9
8195	638970.35	4873721.53	324.97	0	DEN	250	35.8	4.6	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-16.6
8195	638970.35	4873721.53	324.97	0	DEN	500	41.2	4.6	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.6	0.0	0.0	-13.7
8195	638970.35	4873721.53	324.97	0	DEN	1000	47.4	4.6	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-10.4
8195	638970.35	4873721.53	324.97	0	DEN	2000	46.6	4.6	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.5	0.0	0.0	-14.4
8195	638970.35	4873721.53	324.97	0	DEN	4000	42.4	4.6	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-20.4
8195	638970.35	4873721.53	324.97	0	DEN	8000	39.3	4.6	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-28.0
8202	638967.61	4873733.52	325.14	0	DEN	32	16.0	1.6	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-34.0
8202	638967.61	4873733.52	325.14	0	DEN	63	24.2	1.6	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-27.1
8202	638967.61	4873733.52	325.14	0	DEN	125	30.3	1.6	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.8	0.0	0.0	-22.8
8202	638967.61	4873733.52	325.14	0	DEN	250	35.8	1.6	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	10.2	0.0	0.0	-19.6
8202	638967.61	4873733.52	325.14	0	DEN	500	41.2	1.6	0.0	0.0	0.0	45.0	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-16.8
8202	638967.61	4873733.52	325.14	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-13.5
8202	638967.61	4873733.52	325.14	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-17.3
8202	638967.61	4873733.52	325.14	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.7
8202	638967.61	4873733.52	325.14	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-30.0
8207	638966.76	4873737.60	325.23	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-36.9
8207	638966.76	4873737.60	325.23	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-30.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8207	638966.76	4873737.60	325.23	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-25.7
8207	638966.76	4873737.60	325.23	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-22.4
8207	638966.76	4873737.60	325.23	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-19.7
8207	638966.76	4873737.60	325.23	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-16.3
8207	638966.76	4873737.60	325.23	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.2
8207	638966.76	4873737.60	325.23	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.6
8207	638966.76	4873737.60	325.23	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-32.8
8212	638964.96	4873745.62	325.35	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-36.8
8212	638964.96	4873745.62	325.35	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-29.8
8212	638964.96	4873745.62	325.35	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.7	0.0	0.0	8.8	0.0	0.0	-25.4
8212	638964.96	4873745.62	325.35	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	10.2	0.0	0.0	-22.2
8212	638964.96	4873745.62	325.35	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.9	0.0	0.0	-19.3
8212	638964.96	4873745.62	325.35	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-16.0
8212	638964.96	4873745.62	325.35	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-19.9
8212	638964.96	4873745.62	325.35	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-25.5
8212	638964.96	4873745.62	325.35	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-32.8
8218	638966.82	4873737.67	325.26	0	DEN	32	16.0	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-33.9
8218	638966.82	4873737.67	325.26	0	DEN	63	24.2	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-27.0
8218	638966.82	4873737.67	325.26	0	DEN	125	30.3	1.6	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-22.6
8218	638966.82	4873737.67	325.26	0	DEN	250	35.8	1.6	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-19.4
8218	638966.82	4873737.67	325.26	0	DEN	500	41.2	1.6	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-16.6
8218	638966.82	4873737.67	325.26	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-13.3
8218	638966.82	4873737.67	325.26	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-17.2
8218	638966.82	4873737.67	325.26	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
8218	638966.82	4873737.67	325.26	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-29.8
8224	638970.43	4873721.63	325.02	0	DEN	32	16.0	1.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-34.4
8224	638970.43	4873721.63	325.02	0	DEN	63	24.2	1.6	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-27.3
8224	638970.43	4873721.63	325.02	0	DEN	125	30.3	1.6	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-22.9
8224	638970.43	4873721.63	325.02	0	DEN	250	35.8	1.6	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-19.6
8224	638970.43	4873721.63	325.02	0	DEN	500	41.2	1.6	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-16.7
8224	638970.43	4873721.63	325.02	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-13.3
8224	638970.43	4873721.63	325.02	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-17.3
8224	638970.43	4873721.63	325.02	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-23.4
8224	638970.43	4873721.63	325.02	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-31.0
8230	638964.19	4873749.78	325.48	0	DEN	32	16.0	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-33.7
8230	638964.19	4873749.78	325.48	0	DEN	63	24.2	1.6	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-26.7
8230	638964.19	4873749.78	325.48	0	DEN	125	30.3	1.6	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.6	0.0	0.0	-22.3
8230	638964.19	4873749.78	325.48	0	DEN	250	35.8	1.6	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	10.0	0.0	0.0	-19.0
8230	638964.19	4873749.78	325.48	0	DEN	500	41.2	1.6	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.7	0.0	0.0	-16.1
8230	638964.19	4873749.78	325.48	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.7	0.0	0.0	-12.8
8230	638964.19	4873749.78	325.48	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.6	0.0	0.0	-16.7
8230	638964.19	4873749.78	325.48	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-22.6
8230	638964.19	4873749.78	325.48	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-29.9
8237	638965.96	4873741.73	325.35	0	DEN	32	16.0	1.6	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-33.8
8237	638965.96	4873741.73	325.35	0	DEN	63	24.2	1.6	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-26.8
8237	638965.96	4873741.73	325.35	0	DEN	125	30.3	1.6	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.8	0.0	0.0	-22.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8237	638965.96	4873741.73	325.35	0	DEN	250	35.8	1.6	0.0	0.0	0.0	44.8	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-19.2
8237	638965.96	4873741.73	325.35	0	DEN	500	41.2	1.6	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-16.4
8237	638965.96	4873741.73	325.35	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-13.0
8237	638965.96	4873741.73	325.35	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-17.0
8237	638965.96	4873741.73	325.35	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
8237	638965.96	4873741.73	325.35	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-29.7
8244	638961.49	4873761.83	325.67	0	DEN	32	16.0	4.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-31.0
8244	638961.49	4873761.83	325.67	0	DEN	63	24.2	4.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-23.9
8244	638961.49	4873761.83	325.67	0	DEN	125	30.3	4.6	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-19.3
8244	638961.49	4873761.83	325.67	0	DEN	250	35.8	4.6	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	9.0	0.0	0.0	-15.9
8244	638961.49	4873761.83	325.67	0	DEN	500	41.2	4.6	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	13.8	0.0	0.0	-13.0
8244	638961.49	4873761.83	325.67	0	DEN	1000	47.4	4.6	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	-9.5
8244	638961.49	4873761.83	325.67	0	DEN	2000	46.6	4.6	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.7	0.0	0.0	-13.5
8244	638961.49	4873761.83	325.67	0	DEN	4000	42.4	4.6	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-20.2
8244	638961.49	4873761.83	325.67	0	DEN	8000	39.3	4.6	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-27.8
8252	638959.77	4873769.95	325.84	0	DEN	32	16.0	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-34.4
8252	638959.77	4873769.95	325.84	0	DEN	63	24.2	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-27.2
8252	638959.77	4873769.95	325.84	0	DEN	125	30.3	1.6	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.5	0.0	0.0	-22.5
8252	638959.77	4873769.95	325.84	0	DEN	250	35.8	1.6	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.6	0.0	0.0	-19.0
8252	638959.77	4873769.95	325.84	0	DEN	500	41.2	1.6	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-15.9
8252	638959.77	4873769.95	325.84	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.3	0.0	0.0	-12.5
8252	638959.77	4873769.95	325.84	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.1	0.0	0.0	-16.4
8252	638959.77	4873769.95	325.84	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	46.0	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-23.9
8252	638959.77	4873769.95	325.84	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-31.8
8260	638956.22	4873786.06	326.11	0	DEN	32	16.0	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-35.6
8260	638956.22	4873786.06	326.11	0	DEN	63	24.2	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-28.2
8260	638956.22	4873786.06	326.11	0	DEN	125	30.3	1.6	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-23.3
8260	638956.22	4873786.06	326.11	0	DEN	250	35.8	1.6	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-19.6
8260	638956.22	4873786.06	326.11	0	DEN	500	41.2	1.6	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.3	0.0	0.0	-16.5
8260	638956.22	4873786.06	326.11	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.3	0.0	0.0	-13.0
8260	638956.22	4873786.06	326.11	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.0	0.0	0.0	-16.9
8260	638956.22	4873786.06	326.11	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.9	0.0	0.0	-25.5
8260	638956.22	4873786.06	326.11	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-34.3
8268	638959.84	4873770.04	325.88	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-37.4
8268	638959.84	4873770.04	325.88	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-30.2
8268	638959.84	4873770.04	325.88	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-25.5
8268	638959.84	4873770.04	325.88	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-21.9
8268	638959.84	4873770.04	325.88	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-18.9
8268	638959.84	4873770.04	325.88	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-15.4
8268	638959.84	4873770.04	325.88	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-19.4
8268	638959.84	4873770.04	325.88	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	46.0	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-26.9
8268	638959.84	4873770.04	325.88	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-34.8
8276	638956.26	4873786.11	326.13	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-38.6
8276	638956.26	4873786.11	326.13	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-31.2
8276	638956.26	4873786.11	326.13	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-26.3
8276	638956.26	4873786.11	326.13	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-22.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8276	638956.26	4873786.11	326.13	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.3	0.0	0.0	-19.5
8276	638956.26	4873786.11	326.13	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.2	0.0	0.0	-15.9
8276	638956.26	4873786.11	326.13	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.0	0.0	0.0	-19.9
8276	638956.26	4873786.11	326.13	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.9	0.0	0.0	-28.5
8276	638956.26	4873786.11	326.13	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-37.3
8283	638961.61	4873761.97	325.73	0	DEN	32	16.0	1.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-34.0
8283	638961.61	4873761.97	325.73	0	DEN	63	24.2	1.6	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-26.8
8283	638961.61	4873761.97	325.73	0	DEN	125	30.3	1.6	0.0	0.0	0.0	45.5	0.0	0.9	0.0	0.0	7.8	0.0	0.0	-22.3
8283	638961.61	4873761.97	325.73	0	DEN	250	35.8	1.6	0.0	0.0	0.0	45.5	0.1	1.7	0.0	0.0	8.9	0.0	0.0	-18.8
8283	638961.61	4873761.97	325.73	0	DEN	500	41.2	1.6	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	13.7	0.0	0.0	-15.9
8283	638961.61	4873761.97	325.73	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	16.8	0.0	0.0	-12.5
8283	638961.61	4873761.97	325.73	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	19.6	0.0	0.0	-16.4
8283	638961.61	4873761.97	325.73	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-23.2
8283	638961.61	4873761.97	325.73	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-30.8
8291	638964.29	4873749.91	325.54	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-36.7
8291	638964.29	4873749.91	325.54	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-29.7
8291	638964.29	4873749.91	325.54	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.6	0.0	0.0	8.5	0.0	0.0	-25.3
8291	638964.29	4873749.91	325.54	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.4	0.0	0.0	9.9	0.0	0.0	-21.9
8291	638964.29	4873749.91	325.54	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.8	0.0	0.0	14.6	0.0	0.0	-19.1
8291	638964.29	4873749.91	325.54	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.1	0.0	0.0	17.7	0.0	0.0	-15.7
8291	638964.29	4873749.91	325.54	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.1	0.0	0.0	20.5	0.0	0.0	-19.7
8291	638964.29	4873749.91	325.54	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-25.6
8291	638964.29	4873749.91	325.54	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.1	0.0	0.0	21.1	0.0	0.0	-32.8
8298	638966.06	4873741.84	325.40	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-36.8
8298	638966.06	4873741.84	325.40	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-29.8
8298	638966.06	4873741.84	325.40	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	44.8	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-25.4
8298	638966.06	4873741.84	325.40	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	44.8	0.1	1.5	0.0	0.0	10.2	0.0	0.0	-22.2
8298	638966.06	4873741.84	325.40	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-19.4
8298	638966.06	4873741.84	325.40	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-16.0
8298	638966.06	4873741.84	325.40	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-20.0
8298	638966.06	4873741.84	325.40	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
8298	638966.06	4873741.84	325.40	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-32.7
8305	638966.92	4873737.79	325.32	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-36.9
8305	638966.92	4873737.79	325.32	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-29.9
8305	638966.92	4873737.79	325.32	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-25.6
8305	638966.92	4873737.79	325.32	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-22.3
8305	638966.92	4873737.79	325.32	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-19.5
8305	638966.92	4873737.79	325.32	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-16.2
8305	638966.92	4873737.79	325.32	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.2
8305	638966.92	4873737.79	325.32	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
8305	638966.92	4873737.79	325.32	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-32.8
8311	638970.48	4873721.68	325.05	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-37.4
8311	638970.48	4873721.68	325.05	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-30.3
8311	638970.48	4873721.68	325.05	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-25.9
8311	638970.48	4873721.68	325.05	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-22.5
8311	638970.48	4873721.68	325.05	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-19.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8311	638970.48	4873721.68	325.05	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-16.3
8311	638970.48	4873721.68	325.05	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-20.3
8311	638970.48	4873721.68	325.05	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-26.4
8311	638970.48	4873721.68	325.05	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-34.0
8317	638954.57	4873794.27	326.32	0	DEN	32	16.0	4.6	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-33.2
8317	638954.57	4873794.27	326.32	0	DEN	63	24.2	4.6	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-25.7
8317	638954.57	4873794.27	326.32	0	DEN	125	30.3	4.6	0.0	0.0	0.0	48.2	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-20.7
8317	638954.57	4873794.27	326.32	0	DEN	250	35.8	4.6	0.0	0.0	0.0	48.2	0.1	2.2	0.0	0.0	6.9	0.0	0.0	-16.9
8317	638954.57	4873794.27	326.32	0	DEN	500	41.2	4.6	0.0	0.0	0.0	48.2	0.1	-0.6	0.0	0.0	11.8	0.0	0.0	-13.7
8317	638954.57	4873794.27	326.32	0	DEN	1000	47.4	4.6	0.0	0.0	0.0	48.2	0.3	-1.0	0.0	0.0	14.7	0.0	0.0	-10.1
8317	638954.57	4873794.27	326.32	0	DEN	2000	46.6	4.6	0.0	0.0	0.0	48.2	0.7	-1.0	0.0	0.0	17.4	0.0	0.0	-14.1
8317	638954.57	4873794.27	326.32	0	DEN	4000	42.4	4.6	0.0	0.0	0.0	48.2	2.4	-1.0	0.0	0.0	20.3	0.0	0.0	-22.8
8317	638954.57	4873794.27	326.32	0	DEN	8000	39.3	4.6	0.0	0.0	0.0	48.2	8.4	-1.0	0.0	0.0	21.0	0.0	0.0	-32.7
8323	638956.30	4873786.16	326.16	0	DEN	32	16.0	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-35.6
8323	638956.30	4873786.16	326.16	0	DEN	63	24.2	1.6	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-28.2
8323	638956.30	4873786.16	326.16	0	DEN	125	30.3	1.6	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-23.3
8323	638956.30	4873786.16	326.16	0	DEN	250	35.8	1.6	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-19.6
8323	638956.30	4873786.16	326.16	0	DEN	500	41.2	1.6	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.3	0.0	0.0	-16.4
8323	638956.30	4873786.16	326.16	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.2	0.0	0.0	-12.9
8323	638956.30	4873786.16	326.16	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.0	0.0	0.0	-16.8
8323	638956.30	4873786.16	326.16	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.8	0.0	0.0	-25.5
8323	638956.30	4873786.16	326.16	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-34.3
8330	638959.89	4873770.09	325.90	0	DEN	32	16.0	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-34.4
8330	638959.89	4873770.09	325.90	0	DEN	63	24.2	1.6	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-27.1
8330	638959.89	4873770.09	325.90	0	DEN	125	30.3	1.6	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-22.4
8330	638959.89	4873770.09	325.90	0	DEN	250	35.8	1.6	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-18.9
8330	638959.89	4873770.09	325.90	0	DEN	500	41.2	1.6	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-15.9
8330	638959.89	4873770.09	325.90	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-12.4
8330	638959.89	4873770.09	325.90	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-16.3
8330	638959.89	4873770.09	325.90	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	46.0	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-23.9
8330	638959.89	4873770.09	325.90	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-31.8
8338	638951.00	4873810.36	326.58	0	DEN	32	16.0	4.6	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-34.4
8338	638951.00	4873810.36	326.58	0	DEN	63	24.2	4.6	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-26.8
8338	638951.00	4873810.36	326.58	0	DEN	125	30.3	4.6	0.0	0.0	0.0	49.6	0.0	1.2	0.0	0.0	5.7	0.0	0.0	-21.7
8338	638951.00	4873810.36	326.58	0	DEN	250	35.8	4.6	0.0	0.0	0.0	49.6	0.1	2.1	0.0	0.0	6.2	0.0	0.0	-17.6
8338	638951.00	4873810.36	326.58	0	DEN	500	41.2	4.6	0.0	0.0	0.0	49.6	0.2	-0.7	0.0	0.0	11.0	0.0	0.0	-14.3
8338	638951.00	4873810.36	326.58	0	DEN	1000	47.4	4.6	0.0	0.0	0.0	49.6	0.3	-1.1	0.0	0.0	13.7	0.0	0.0	-10.6
8338	638951.00	4873810.36	326.58	0	DEN	2000	46.6	4.6	0.0	0.0	0.0	49.6	0.8	-1.1	0.0	0.0	16.4	0.0	0.0	-14.5
8338	638951.00	4873810.36	326.58	0	DEN	4000	42.4	4.6	0.0	0.0	0.0	49.6	2.8	-1.1	0.0	0.0	19.2	0.0	0.0	-23.5
8338	638951.00	4873810.36	326.58	0	DEN	8000	39.3	4.6	0.0	0.0	0.0	49.6	9.9	-1.1	0.0	0.0	21.1	0.0	0.0	-35.6
8345	638949.28	4873818.48	326.75	0	DEN	32	16.0	1.6	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-38.0
8345	638949.28	4873818.48	326.75	0	DEN	63	24.2	1.6	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-30.3
8345	638949.28	4873818.48	326.75	0	DEN	125	30.3	1.6	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-25.1
8345	638949.28	4873818.48	326.75	0	DEN	250	35.8	1.6	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	5.8	0.0	0.0	-21.0
8345	638949.28	4873818.48	326.75	0	DEN	500	41.2	1.6	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-17.5
8345	638949.28	4873818.48	326.75	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	13.2	0.0	0.0	-13.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8345	638949.28	4873818.48	326.75	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	15.8	0.0	0.0	-17.7
8345	638949.28	4873818.48	326.75	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	18.6	0.0	0.0	-26.8
8345	638949.28	4873818.48	326.75	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-40.1
8352	638945.72	4873834.59	327.02	0	DEN	32	16.0	1.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-39.1
8352	638945.72	4873834.59	327.02	0	DEN	63	24.2	1.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-31.3
8352	638945.72	4873834.59	327.02	0	DEN	125	30.3	1.6	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-25.9
8352	638945.72	4873834.59	327.02	0	DEN	250	35.8	1.6	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.7	0.0	0.0	-21.6
8352	638945.72	4873834.59	327.02	0	DEN	500	41.2	1.6	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-17.9
8352	638945.72	4873834.59	327.02	0	DEN	1000	47.4	1.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.4	0.0	0.0	-14.0
8352	638945.72	4873834.59	327.02	0	DEN	2000	46.6	1.6	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-17.9
8352	638945.72	4873834.59	327.02	0	DEN	4000	42.4	1.6	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.6	0.0	0.0	-27.3
8352	638945.72	4873834.59	327.02	0	DEN	8000	39.3	1.6	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.4	0.0	0.0	-42.2
8359	638945.78	4873834.66	327.05	0	DEN	32	16.0	4.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-36.1
8359	638945.78	4873834.66	327.05	0	DEN	63	24.2	4.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-28.3
8359	638945.78	4873834.66	327.05	0	DEN	125	30.3	4.6	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-22.9
8359	638945.78	4873834.66	327.05	0	DEN	250	35.8	4.6	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.7	0.0	0.0	-18.6
8359	638945.78	4873834.66	327.05	0	DEN	500	41.2	4.6	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-14.9
8359	638945.78	4873834.66	327.05	0	DEN	1000	47.4	4.6	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.3	0.0	0.0	-11.0
8359	638945.78	4873834.66	327.05	0	DEN	2000	46.6	4.6	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-14.9
8359	638945.78	4873834.66	327.05	0	DEN	4000	42.4	4.6	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.5	0.0	0.0	-24.2
8359	638945.78	4873834.66	327.05	0	DEN	8000	39.3	4.6	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.4	0.0	0.0	-39.1
8366	638938.73	4873866.94	327.62	0	DEN	32	16.0	4.6	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-38.1
8366	638938.73	4873866.94	327.62	0	DEN	63	24.2	4.6	0.0	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-30.2
8366	638938.73	4873866.94	327.62	0	DEN	125	30.3	4.6	0.0	0.0	0.0	53.7	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-24.5
8366	638938.73	4873866.94	327.62	0	DEN	250	35.8	4.6	0.0	0.0	0.0	53.7	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-19.9
8366	638938.73	4873866.94	327.62	0	DEN	500	41.2	4.6	0.0	0.0	0.0	53.7	0.3	-0.9	0.0	0.0	8.5	0.0	0.0	-15.8
8366	638938.73	4873866.94	327.62	0	DEN	1000	47.4	4.6	0.0	0.0	0.0	53.7	0.5	-1.3	0.0	0.0	10.6	0.0	0.0	-11.5
8366	638938.73	4873866.94	327.62	0	DEN	2000	46.6	4.6	0.0	0.0	0.0	53.7	1.3	-1.3	0.0	0.0	12.8	0.0	0.0	-15.3
8366	638938.73	4873866.94	327.62	0	DEN	4000	42.4	4.6	0.0	0.0	0.0	53.7	4.5	-1.3	0.0	0.0	15.3	0.0	0.0	-25.2
8366	638938.73	4873866.94	327.62	0	DEN	8000	39.3	4.6	0.0	0.0	0.0	53.7	15.9	-1.3	0.0	0.0	18.0	0.0	0.0	-42.5
8374	638990.60	4873627.82	323.22	0	DEN	32	16.0	12.1	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-30.4
8374	638990.60	4873627.82	323.22	0	DEN	63	24.2	12.1	0.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-22.8
8374	638990.60	4873627.82	323.22	0	DEN	125	30.3	12.1	0.0	0.0	0.0	53.1	0.1	1.4	0.0	0.0	5.6	0.0	0.0	-17.7
8374	638990.60	4873627.82	323.22	0	DEN	250	35.8	12.1	0.0	0.0	0.0	53.1	0.1	1.9	0.0	0.0	6.5	0.0	0.0	-13.8
8374	638990.60	4873627.82	323.22	0	DEN	500	41.2	12.1	0.0	0.0	0.0	53.1	0.2	-0.9	0.0	0.0	11.3	0.0	0.0	-10.5
8374	638990.60	4873627.82	323.22	0	DEN	1000	47.4	12.1	0.0	0.0	0.0	53.1	0.5	-1.2	0.0	0.0	14.0	0.0	0.0	-6.9
8374	638990.60	4873627.82	323.22	0	DEN	2000	46.6	12.1	0.0	0.0	0.0	53.1	1.2	-1.2	0.0	0.0	16.7	0.0	0.0	-11.1
8374	638990.60	4873627.82	323.22	0	DEN	4000	42.4	12.1	0.0	0.0	0.0	53.1	4.2	-1.2	0.0	0.0	19.5	0.0	0.0	-21.1
8374	638990.60	4873627.82	323.22	0	DEN	8000	39.3	12.1	0.0	0.0	0.0	53.1	14.9	-1.2	0.0	0.0	21.2	0.0	0.0	-36.6
8381	638987.27	4873643.71	323.56	0	DEN	32	16.0	9.1	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-32.5
8381	638987.27	4873643.71	323.56	0	DEN	63	24.2	9.1	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-25.0
8381	638987.27	4873643.71	323.56	0	DEN	125	30.3	9.1	0.0	0.0	0.0	52.0	0.0	1.3	0.0	0.0	6.0	0.0	0.0	-20.0
8381	638987.27	4873643.71	323.56	0	DEN	250	35.8	9.1	0.0	0.0	0.0	52.0	0.1	1.9	0.0	0.0	6.9	0.0	0.0	-16.1
8381	638987.27	4873643.71	323.56	0	DEN	500	41.2	9.1	0.0	0.0	0.0	52.0	0.2	-0.8	0.0	0.0	11.8	0.0	0.0	-12.9
8381	638987.27	4873643.71	323.56	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	52.0	0.4	-1.2	0.0	0.0	14.6	0.0	0.0	-9.3
8381	638987.27	4873643.71	323.56	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	52.0	1.1	-1.2	0.0	0.0	17.3	0.0	0.0	-13.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8381	638987.27	4873643.71	323.56	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	52.0	3.7	-1.2	0.0	0.0	20.2	0.0	0.0	-23.2
8381	638987.27	4873643.71	323.56	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	52.0	13.2	-1.2	0.0	0.0	21.2	0.0	0.0	-36.8
8389	638982.14	4873666.48	323.89	0	DEN	32	16.0	6.1	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-34.0
8389	638982.14	4873666.48	323.89	0	DEN	63	24.2	6.1	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-26.6
8389	638982.14	4873666.48	323.89	0	DEN	125	30.3	6.1	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-21.8
8389	638982.14	4873666.48	323.89	0	DEN	250	35.8	6.1	0.0	0.0	0.0	50.3	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-18.2
8389	638982.14	4873666.48	323.89	0	DEN	500	41.2	6.1	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.7	0.0	0.0	-15.1
8389	638982.14	4873666.48	323.89	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.6	0.0	0.0	-11.7
8389	638982.14	4873666.48	323.89	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.4	0.0	0.0	-15.8
8389	638982.14	4873666.48	323.89	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-24.8
8389	638982.14	4873666.48	323.89	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	50.3	10.8	-1.1	0.0	0.0	21.1	0.0	0.0	-35.7
8396	638980.47	4873674.43	324.07	0	DEN	32	16.0	3.1	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-36.4
8396	638980.47	4873674.43	324.07	0	DEN	63	24.2	3.1	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-29.1
8396	638980.47	4873674.43	324.07	0	DEN	125	30.3	3.1	0.0	0.0	0.0	49.6	0.0	1.5	0.0	0.0	6.6	0.0	0.0	-24.3
8396	638980.47	4873674.43	324.07	0	DEN	250	35.8	3.1	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	7.5	0.0	0.0	-20.7
8396	638980.47	4873674.43	324.07	0	DEN	500	41.2	3.1	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	12.8	0.0	0.0	-17.7
8396	638980.47	4873674.43	324.07	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	15.8	0.0	0.0	-14.2
8396	638980.47	4873674.43	324.07	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	18.6	0.0	0.0	-18.3
8396	638980.47	4873674.43	324.07	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-26.9
8396	638980.47	4873674.43	324.07	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-37.2
8403	638977.06	4873689.71	324.31	0	DEN	32	16.0	3.1	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-35.2
8403	638977.06	4873689.71	324.31	0	DEN	63	24.2	3.1	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-28.0
8403	638977.06	4873689.71	324.31	0	DEN	125	30.3	3.1	0.0	0.0	0.0	48.3	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-23.3
8403	638977.06	4873689.71	324.31	0	DEN	250	35.8	3.1	0.0	0.0	0.0	48.3	0.1	2.0	0.0	0.0	8.3	0.0	0.0	-19.8
8403	638977.06	4873689.71	324.31	0	DEN	500	41.2	3.1	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-16.9
8403	638977.06	4873689.71	324.31	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	48.3	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-13.4
8403	638977.06	4873689.71	324.31	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	48.3	0.7	-1.1	0.0	0.0	19.3	0.0	0.0	-17.5
8403	638977.06	4873689.71	324.31	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	48.3	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-25.2
8403	638977.06	4873689.71	324.31	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	48.3	8.6	-1.1	0.0	0.0	21.1	0.0	0.0	-34.5
8409	638975.58	4873697.74	324.57	0	DEN	32	16.0	7.4	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-30.2
8409	638975.58	4873697.74	324.57	0	DEN	63	24.2	7.4	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-23.0
8409	638975.58	4873697.74	324.57	0	DEN	125	30.3	7.4	0.0	0.0	0.0	47.6	0.0	1.2	0.0	0.0	7.3	0.0	0.0	-18.4
8409	638975.58	4873697.74	324.57	0	DEN	250	35.8	7.4	0.0	0.0	0.0	47.6	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-14.9
8409	638975.58	4873697.74	324.57	0	DEN	500	41.2	7.4	0.0	0.0	0.0	47.6	0.1	-0.6	0.0	0.0	13.4	0.0	0.0	-12.0
8409	638975.58	4873697.74	324.57	0	DEN	1000	47.4	7.4	0.0	0.0	0.0	47.6	0.2	-1.0	0.0	0.0	16.5	0.0	0.0	-8.5
8409	638975.58	4873697.74	324.57	0	DEN	2000	46.6	7.4	0.0	0.0	0.0	47.6	0.7	-1.0	0.0	0.0	19.3	0.0	0.0	-12.6
8409	638975.58	4873697.74	324.57	0	DEN	4000	42.4	7.4	0.0	0.0	0.0	47.6	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-20.0
8409	638975.58	4873697.74	324.57	0	DEN	8000	39.3	7.4	0.0	0.0	0.0	47.6	7.9	-1.0	0.0	0.0	21.0	0.0	0.0	-28.8
8417	638977.20	4873690.00	324.40	0	DEN	32	16.0	4.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-33.9
8417	638977.20	4873690.00	324.40	0	DEN	63	24.2	4.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-26.7
8417	638977.20	4873690.00	324.40	0	DEN	125	30.3	4.4	0.0	0.0	0.0	48.3	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-22.0
8417	638977.20	4873690.00	324.40	0	DEN	250	35.8	4.4	0.0	0.0	0.0	48.3	0.1	2.0	0.0	0.0	8.3	0.0	0.0	-18.5
8417	638977.20	4873690.00	324.40	0	DEN	500	41.2	4.4	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-15.5
8417	638977.20	4873690.00	324.40	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	48.3	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-12.1
8417	638977.20	4873690.00	324.40	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	48.3	0.7	-1.1	0.0	0.0	19.2	0.0	0.0	-16.1
8417	638977.20	4873690.00	324.40	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	48.3	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-23.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8417	638977.20	4873690.00	324.40	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	48.3	8.5	-1.1	0.0	0.0	21.1	0.0	0.0	-33.1
8424	638980.67	4873674.78	324.19	0	DEN	32	16.0	4.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-35.1
8424	638980.67	4873674.78	324.19	0	DEN	63	24.2	4.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-27.7
8424	638980.67	4873674.78	324.19	0	DEN	125	30.3	4.4	0.0	0.0	0.0	49.6	0.0	1.5	0.0	0.0	6.5	0.0	0.0	-23.0
8424	638980.67	4873674.78	324.19	0	DEN	250	35.8	4.4	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	7.4	0.0	0.0	-19.4
8424	638980.67	4873674.78	324.19	0	DEN	500	41.2	4.4	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	12.7	0.0	0.0	-16.3
8424	638980.67	4873674.78	324.19	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	15.7	0.0	0.0	-12.8
8424	638980.67	4873674.78	324.19	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	18.5	0.0	0.0	-16.9
8424	638980.67	4873674.78	324.19	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-25.6
8424	638980.67	4873674.78	324.19	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-35.9
8431	638980.58	4873674.68	324.14	0	DEN	32	16.0	1.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-38.1
8431	638980.58	4873674.68	324.14	0	DEN	63	24.2	1.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-30.8
8431	638980.58	4873674.68	324.14	0	DEN	125	30.3	1.4	0.0	0.0	0.0	49.6	0.0	1.5	0.0	0.0	6.6	0.0	0.0	-26.0
8431	638980.58	4873674.68	324.14	0	DEN	250	35.8	1.4	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	7.5	0.0	0.0	-22.4
8431	638980.58	4873674.68	324.14	0	DEN	500	41.2	1.4	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	12.7	0.0	0.0	-19.4
8431	638980.58	4873674.68	324.14	0	DEN	1000	47.4	1.4	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	15.7	0.0	0.0	-15.9
8431	638980.58	4873674.68	324.14	0	DEN	2000	46.6	1.4	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	18.5	0.0	0.0	-20.0
8431	638980.58	4873674.68	324.14	0	DEN	4000	42.4	1.4	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-28.7
8431	638980.58	4873674.68	324.14	0	DEN	8000	39.3	1.4	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-38.9
8438	638977.11	4873689.89	324.35	0	DEN	32	16.0	1.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-36.9
8438	638977.11	4873689.89	324.35	0	DEN	63	24.2	1.4	0.0	0.0	0.0	48.3	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-29.7
8438	638977.11	4873689.89	324.35	0	DEN	125	30.3	1.4	0.0	0.0	0.0	48.3	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-25.1
8438	638977.11	4873689.89	324.35	0	DEN	250	35.8	1.4	0.0	0.0	0.0	48.3	0.1	2.0	0.0	0.0	8.3	0.0	0.0	-21.5
8438	638977.11	4873689.89	324.35	0	DEN	500	41.2	1.4	0.0	0.0	0.0	48.3	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-18.6
8438	638977.11	4873689.89	324.35	0	DEN	1000	47.4	1.4	0.0	0.0	0.0	48.3	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-15.1
8438	638977.11	4873689.89	324.35	0	DEN	2000	46.6	1.4	0.0	0.0	0.0	48.3	0.7	-1.1	0.0	0.0	19.2	0.0	0.0	-19.2
8438	638977.11	4873689.89	324.35	0	DEN	4000	42.4	1.4	0.0	0.0	0.0	48.3	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-26.9
8438	638977.11	4873689.89	324.35	0	DEN	8000	39.3	1.4	0.0	0.0	0.0	48.3	8.6	-1.1	0.0	0.0	21.1	0.0	0.0	-36.2
8445	638982.26	4873667.00	324.00	0	DEN	32	16.0	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-35.7
8445	638982.26	4873667.00	324.00	0	DEN	63	24.2	4.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-28.3
8445	638982.26	4873667.00	324.00	0	DEN	125	30.3	4.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-23.5
8445	638982.26	4873667.00	324.00	0	DEN	250	35.8	4.4	0.0	0.0	0.0	50.3	0.1	2.1	0.0	0.0	7.5	0.0	0.0	-19.8
8445	638982.26	4873667.00	324.00	0	DEN	500	41.2	4.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	12.6	0.0	0.0	-16.8
8445	638982.26	4873667.00	324.00	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	15.5	0.0	0.0	-13.3
8445	638982.26	4873667.00	324.00	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	18.3	0.0	0.0	-17.4
8445	638982.26	4873667.00	324.00	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-26.5
8445	638982.26	4873667.00	324.00	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-37.3
8452	638987.37	4873644.08	323.64	0	DEN	32	16.0	7.4	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-34.2
8452	638987.37	4873644.08	323.64	0	DEN	63	24.2	7.4	0.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-26.7
8452	638987.37	4873644.08	323.64	0	DEN	125	30.3	7.4	0.0	0.0	0.0	52.0	0.0	1.3	0.0	0.0	5.9	0.0	0.0	-21.7
8452	638987.37	4873644.08	323.64	0	DEN	250	35.8	7.4	0.0	0.0	0.0	52.0	0.1	2.0	0.0	0.0	6.9	0.0	0.0	-17.8
8452	638987.37	4873644.08	323.64	0	DEN	500	41.2	7.4	0.0	0.0	0.0	52.0	0.2	-0.8	0.0	0.0	11.7	0.0	0.0	-14.6
8452	638987.37	4873644.08	323.64	0	DEN	1000	47.4	7.4	0.0	0.0	0.0	52.0	0.4	-1.2	0.0	0.0	14.5	0.0	0.0	-11.0
8452	638987.37	4873644.08	323.64	0	DEN	2000	46.6	7.4	0.0	0.0	0.0	52.0	1.1	-1.2	0.0	0.0	17.3	0.0	0.0	-15.2
8452	638987.37	4873644.08	323.64	0	DEN	4000	42.4	7.4	0.0	0.0	0.0	52.0	3.7	-1.2	0.0	0.0	20.1	0.0	0.0	-24.8
8452	638987.37	4873644.08	323.64	0	DEN	8000	39.3	7.4	0.0	0.0	0.0	52.0	13.1	-1.2	0.0	0.0	21.2	0.0	0.0	-38.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8459	638995.31	4873606.04	322.81	0	DEN	32	16.0	8.1	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-35.6
8459	638995.31	4873606.04	322.81	0	DEN	63	24.2	8.1	0.0	0.0	0.0	54.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-27.9
8459	638995.31	4873606.04	322.81	0	DEN	125	30.3	8.1	0.0	0.0	0.0	54.4	0.1	1.5	0.0	0.0	5.1	0.0	0.0	-22.6
8459	638995.31	4873606.04	322.81	0	DEN	250	35.8	8.1	0.0	0.0	0.0	54.4	0.2	2.0	0.0	0.0	5.8	0.0	0.0	-18.5
8459	638995.31	4873606.04	322.81	0	DEN	500	41.2	8.1	0.0	0.0	0.0	54.4	0.3	-0.8	0.0	0.0	10.5	0.0	0.0	-15.0
8459	638995.31	4873606.04	322.81	0	DEN	1000	47.4	8.1	0.0	0.0	0.0	54.4	0.5	-1.2	0.0	0.0	13.1	0.0	0.0	-11.3
8459	638995.31	4873606.04	322.81	0	DEN	2000	46.6	8.1	0.0	0.0	0.0	54.4	1.4	-1.2	0.0	0.0	15.7	0.0	0.0	-15.6
8459	638995.31	4873606.04	322.81	0	DEN	4000	42.4	8.1	0.0	0.0	0.0	54.4	4.9	-1.2	0.0	0.0	18.5	0.0	0.0	-26.0
8459	638995.31	4873606.04	322.81	0	DEN	8000	39.3	8.1	0.0	0.0	0.0	54.4	17.3	-1.2	0.0	0.0	21.2	0.0	0.0	-44.3
8465	638932.72	4873894.59	328.13	1	DEN	1000	47.4	-13.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-33.6
8465	638932.72	4873894.59	328.13	1	DEN	2000	46.6	-13.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-37.7
8465	638932.72	4873894.59	328.13	1	DEN	4000	42.4	-13.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-48.7
8465	638932.72	4873894.59	328.13	1	DEN	8000	39.3	-13.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-69.8
8486	638965.05	4873753.50	325.70	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-33.3
8486	638965.05	4873753.50	325.70	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-26.3
8486	638965.05	4873753.50	325.70	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-21.9
8486	638965.05	4873753.50	325.70	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	9.7	0.0	0.0	-18.6
8486	638965.05	4873753.50	325.70	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-15.7
8486	638965.05	4873753.50	325.70	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	17.6	0.0	0.0	-12.4
8486	638965.05	4873753.50	325.70	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.5	0.0	0.0	-16.3
8486	638965.05	4873753.50	325.70	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.1
8486	638965.05	4873753.50	325.70	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-29.3
8494	638961.61	4873767.81	325.96	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-33.9
8494	638961.61	4873767.81	325.96	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.7	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-26.7
8494	638961.61	4873767.81	325.96	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.7	0.0	0.9	0.0	0.0	7.5	0.0	0.0	-22.0
8494	638961.61	4873767.81	325.96	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.7	0.1	1.8	0.0	0.0	8.6	0.0	0.0	-18.5
8494	638961.61	4873767.81	325.96	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.7	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-15.5
8494	638961.61	4873767.81	325.96	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.7	0.2	-1.0	0.0	0.0	16.4	0.0	0.0	-12.1
8494	638961.61	4873767.81	325.96	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.7	0.5	-1.0	0.0	0.0	19.3	0.0	0.0	-16.0
8494	638961.61	4873767.81	325.96	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.7	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-23.2
8494	638961.61	4873767.81	325.96	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.7	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-30.9
8500	638968.03	4873740.66	325.48	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-33.4
8500	638968.03	4873740.66	325.48	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-26.5
8500	638968.03	4873740.66	325.48	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.5	0.0	0.8	0.0	0.0	9.0	0.0	0.0	-22.2
8500	638968.03	4873740.66	325.48	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.5	0.0	1.6	0.0	0.0	10.5	0.0	0.0	-19.0
8500	638968.03	4873740.66	325.48	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.5	0.1	-0.7	0.0	0.0	15.3	0.0	0.0	-16.2
8500	638968.03	4873740.66	325.48	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.5	0.2	-1.0	0.0	0.0	18.4	0.0	0.0	-12.9
8500	638968.03	4873740.66	325.48	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.5	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.6
8500	638968.03	4873740.66	325.48	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.5	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-21.9
8500	638968.03	4873740.66	325.48	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.5	5.5	-1.0	0.0	0.0	21.0	0.0	0.0	-28.9
8507	638966.15	4873748.66	325.62	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-33.3
8507	638966.15	4873748.66	325.62	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-26.3
8507	638966.15	4873748.66	325.62	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.8	0.0	0.0	-22.0
8507	638966.15	4873748.66	325.62	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.3	0.0	0.0	-18.7
8507	638966.15	4873748.66	325.62	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.0	0.0	0.0	-15.9
8507	638966.15	4873748.66	325.62	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-12.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8507	638966.15	4873748.66	325.62	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-16.5
8507	638966.15	4873748.66	325.62	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.9
8507	638966.15	4873748.66	325.62	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-29.1
8513	638969.67	4873733.93	325.36	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-33.6
8513	638969.67	4873733.93	325.36	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-26.7
8513	638969.67	4873733.93	325.36	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.7	0.0	0.9	0.0	0.0	9.0	0.0	0.0	-22.4
8513	638969.67	4873733.93	325.36	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.7	0.1	1.7	0.0	0.0	10.5	0.0	0.0	-19.3
8513	638969.67	4873733.93	325.36	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.7	0.1	-0.6	0.0	0.0	15.4	0.0	0.0	-16.5
8513	638969.67	4873733.93	325.36	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	18.5	0.0	0.0	-13.2
8513	638969.67	4873733.93	325.36	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-16.7
8513	638969.67	4873733.93	325.36	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.0
8513	638969.67	4873733.93	325.36	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.7	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-29.2
8519	638971.70	4873725.08	325.21	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-33.8
8519	638971.70	4873725.08	325.21	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-26.9
8519	638971.70	4873725.08	325.21	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.1	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-22.5
8519	638971.70	4873725.08	325.21	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.1	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-19.3
8519	638971.70	4873725.08	325.21	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-16.5
8519	638971.70	4873725.08	325.21	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-13.2
8519	638971.70	4873725.08	325.21	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-17.1
8519	638971.70	4873725.08	325.21	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
8519	638971.70	4873725.08	325.21	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-29.9
8524	638972.88	4873719.81	325.12	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-34.1
8524	638972.88	4873719.81	325.12	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-27.1
8524	638972.88	4873719.81	325.12	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-22.7
8524	638972.88	4873719.81	325.12	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.9	0.0	0.0	-19.4
8524	638972.88	4873719.81	325.12	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-16.5
8524	638972.88	4873719.81	325.12	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.8	0.0	0.0	-13.2
8524	638972.88	4873719.81	325.12	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.5	0.5	-1.1	0.0	0.0	20.7	0.0	0.0	-17.2
8524	638972.88	4873719.81	325.12	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.5	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-23.0
8524	638972.88	4873719.81	325.12	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.5	6.2	-1.1	0.0	0.0	21.1	0.0	0.0	-30.5
8530	638976.64	4873703.82	324.84	0	DEN	32	16.0	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-35.2
8530	638976.64	4873703.82	324.84	0	DEN	63	24.2	1.8	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-28.1
8530	638976.64	4873703.82	324.84	0	DEN	125	30.3	1.8	0.0	0.0	0.0	46.8	0.0	1.2	0.0	0.0	7.6	0.0	0.0	-23.6
8530	638976.64	4873703.82	324.84	0	DEN	250	35.8	1.8	0.0	0.0	0.0	46.8	0.1	2.2	0.0	0.0	8.8	0.0	0.0	-20.2
8530	638976.64	4873703.82	324.84	0	DEN	500	41.2	1.8	0.0	0.0	0.0	46.8	0.1	-0.5	0.0	0.0	13.9	0.0	0.0	-17.3
8530	638976.64	4873703.82	324.84	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	46.8	0.2	-0.9	0.0	0.0	17.0	0.0	0.0	-13.9
8530	638976.64	4873703.82	324.84	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	46.8	0.6	-0.9	0.0	0.0	19.9	0.0	0.0	-18.0
8530	638976.64	4873703.82	324.84	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	46.8	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-24.6
8530	638976.64	4873703.82	324.84	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	46.8	7.2	-0.9	0.0	0.0	20.9	0.0	0.0	-32.9
8536	638958.79	4873780.88	326.18	0	DEN	32	16.0	7.9	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-28.8
8536	638958.79	4873780.88	326.18	0	DEN	63	24.2	7.9	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-21.4
8536	638958.79	4873780.88	326.18	0	DEN	125	30.3	7.9	0.0	0.0	0.0	46.8	0.0	1.0	0.0	0.0	7.0	0.0	0.0	-16.7
8536	638958.79	4873780.88	326.18	0	DEN	250	35.8	7.9	0.0	0.0	0.0	46.8	0.1	1.9	0.0	0.0	7.9	0.0	0.0	-13.0
8536	638958.79	4873780.88	326.18	0	DEN	500	41.2	7.9	0.0	0.0	0.0	46.8	0.1	-0.6	0.0	0.0	12.8	0.0	0.0	-10.0
8536	638958.79	4873780.88	326.18	0	DEN	1000	47.4	7.9	0.0	0.0	0.0	46.8	0.2	-1.0	0.0	0.0	15.7	0.0	0.0	-6.5
8536	638958.79	4873780.88	326.18	0	DEN	2000	46.6	7.9	0.0	0.0	0.0	46.8	0.6	-1.0	0.0	0.0	18.5	0.0	0.0	-10.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8536	638958.79	4873780.88	326.18	0	DEN	4000	42.4	7.9	0.0	0.0	0.0	46.8	2.0	-1.0	0.0	0.0	21.0	0.0	0.0	-18.6
8536	638958.79	4873780.88	326.18	0	DEN	8000	39.3	7.9	0.0	0.0	0.0	46.8	7.2	-1.0	0.0	0.0	21.0	0.0	0.0	-26.8
8541	638961.14	4873770.35	326.00	0	DEN	32	16.0	4.9	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-31.0
8541	638961.14	4873770.35	326.00	0	DEN	63	24.2	4.9	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-23.8
8541	638961.14	4873770.35	326.00	0	DEN	125	30.3	4.9	0.0	0.0	0.0	45.9	0.0	0.8	0.0	0.0	7.6	0.0	0.0	-19.1
8541	638961.14	4873770.35	326.00	0	DEN	250	35.8	4.9	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	8.7	0.0	0.0	-15.6
8541	638961.14	4873770.35	326.00	0	DEN	500	41.2	4.9	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-12.6
8541	638961.14	4873770.35	326.00	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	45.9	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	-9.2
8541	638961.14	4873770.35	326.00	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	45.9	0.5	-1.1	0.0	0.0	19.2	0.0	0.0	-13.1
8541	638961.14	4873770.35	326.00	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	45.9	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-20.4
8541	638961.14	4873770.35	326.00	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	45.9	6.5	-1.1	0.0	0.0	21.1	0.0	0.0	-28.2
8547	638963.56	4873760.46	325.82	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-33.5
8547	638963.56	4873760.46	325.82	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-26.4
8547	638963.56	4873760.46	325.82	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-21.9
8547	638963.56	4873760.46	325.82	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.3	0.0	0.0	-18.5
8547	638963.56	4873760.46	325.82	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-15.6
8547	638963.56	4873760.46	325.82	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-12.2
8547	638963.56	4873760.46	325.82	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-16.2
8547	638963.56	4873760.46	325.82	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
8547	638963.56	4873760.46	325.82	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-29.9
8552	638965.60	4873751.62	325.67	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-33.3
8552	638965.60	4873751.62	325.67	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-26.3
8552	638965.60	4873751.62	325.67	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.7	0.0	0.6	0.0	0.0	8.7	0.0	0.0	-21.9
8552	638965.60	4873751.62	325.67	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.7	0.1	1.4	0.0	0.0	10.2	0.0	0.0	-18.6
8552	638965.60	4873751.62	325.67	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.7	0.1	-0.8	0.0	0.0	14.9	0.0	0.0	-15.8
8552	638965.60	4873751.62	325.67	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.7	0.2	-1.1	0.0	0.0	17.9	0.0	0.0	-12.4
8552	638965.60	4873751.62	325.67	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.7	0.5	-1.1	0.0	0.0	20.8	0.0	0.0	-16.4
8552	638965.60	4873751.62	325.67	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.7	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-22.0
8552	638965.60	4873751.62	325.67	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.7	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-29.2
8557	638955.19	4873796.03	326.44	0	DEN	32	16.0	7.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-30.0
8557	638955.19	4873796.03	326.44	0	DEN	63	24.2	7.9	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-22.5
8557	638955.19	4873796.03	326.44	0	DEN	125	30.3	7.9	0.0	0.0	0.0	48.2	0.0	1.2	0.0	0.0	6.2	0.0	0.0	-17.5
8557	638955.19	4873796.03	326.44	0	DEN	250	35.8	7.9	0.0	0.0	0.0	48.2	0.1	2.1	0.0	0.0	6.9	0.0	0.0	-13.7
8557	638955.19	4873796.03	326.44	0	DEN	500	41.2	7.9	0.0	0.0	0.0	48.2	0.1	-0.6	0.0	0.0	11.8	0.0	0.0	-10.5
8557	638955.19	4873796.03	326.44	0	DEN	1000	47.4	7.9	0.0	0.0	0.0	48.2	0.3	-1.0	0.0	0.0	14.7	0.0	0.0	-6.9
8557	638955.19	4873796.03	326.44	0	DEN	2000	46.6	7.9	0.0	0.0	0.0	48.2	0.7	-1.0	0.0	0.0	17.4	0.0	0.0	-10.8
8557	638955.19	4873796.03	326.44	0	DEN	4000	42.4	7.9	0.0	0.0	0.0	48.2	2.4	-1.0	0.0	0.0	20.3	0.0	0.0	-19.6
8557	638955.19	4873796.03	326.44	0	DEN	8000	39.3	7.9	0.0	0.0	0.0	48.2	8.5	-1.0	0.0	0.0	21.0	0.0	0.0	-29.5
8563	638952.68	4873807.42	326.63	0	DEN	32	16.0	4.9	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-33.9
8563	638952.68	4873807.42	326.63	0	DEN	63	24.2	4.9	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-26.3
8563	638952.68	4873807.42	326.63	0	DEN	125	30.3	4.9	0.0	0.0	0.0	49.2	0.0	1.2	0.0	0.0	5.8	0.0	0.0	-21.2
8563	638952.68	4873807.42	326.63	0	DEN	250	35.8	4.9	0.0	0.0	0.0	49.2	0.1	2.1	0.0	0.0	6.4	0.0	0.0	-17.2
8563	638952.68	4873807.42	326.63	0	DEN	500	41.2	4.9	0.0	0.0	0.0	49.2	0.2	-0.7	0.0	0.0	11.2	0.0	0.0	-13.9
8563	638952.68	4873807.42	326.63	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	49.2	0.3	-1.1	0.0	0.0	14.0	0.0	0.0	-10.2
8563	638952.68	4873807.42	326.63	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	49.2	0.8	-1.1	0.0	0.0	16.6	0.0	0.0	-14.2
8563	638952.68	4873807.42	326.63	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	49.2	2.7	-1.1	0.0	0.0	19.5	0.0	0.0	-23.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8563	638952.68	4873807.42	326.63	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	49.2	9.5	-1.1	0.0	0.0	21.1	0.0	0.0	-34.6
8571	638948.93	4873823.42	326.91	0	DEN	32	16.0	4.9	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-35.1
8571	638948.93	4873823.42	326.91	0	DEN	63	24.2	4.9	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-27.3
8571	638948.93	4873823.42	326.91	0	DEN	125	30.3	4.9	0.0	0.0	0.0	50.6	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-22.1
8571	638948.93	4873823.42	326.91	0	DEN	250	35.8	4.9	0.0	0.0	0.0	50.6	0.1	2.0	0.0	0.0	5.8	0.0	0.0	-17.9
8571	638948.93	4873823.42	326.91	0	DEN	500	41.2	4.9	0.0	0.0	0.0	50.6	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	-14.3
8571	638948.93	4873823.42	326.91	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	50.6	0.3	-1.1	0.0	0.0	12.9	0.0	0.0	-10.5
8571	638948.93	4873823.42	326.91	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	50.6	0.9	-1.1	0.0	0.0	15.5	0.0	0.0	-14.4
8571	638948.93	4873823.42	326.91	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	50.6	3.1	-1.1	0.0	0.0	18.3	0.0	0.0	-23.6
8571	638948.93	4873823.42	326.91	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	50.6	11.2	-1.1	0.0	0.0	21.1	0.0	0.0	-37.6
8579	638948.46	4873825.96	326.95	0	DEN	32	16.0	1.8	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-38.2
8579	638948.46	4873825.96	326.95	0	DEN	63	24.2	1.8	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-30.5
8579	638948.46	4873825.96	326.95	0	DEN	125	30.3	1.8	0.0	0.0	0.0	50.8	0.0	1.2	0.0	0.0	5.3	0.0	0.0	-25.2
8579	638948.46	4873825.96	326.95	0	DEN	250	35.8	1.8	0.0	0.0	0.0	50.8	0.1	1.9	0.0	0.0	5.8	0.0	0.0	-21.0
8579	638948.46	4873825.96	326.95	0	DEN	500	41.2	1.8	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	-17.4
8579	638948.46	4873825.96	326.95	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	50.8	0.4	-1.2	0.0	0.0	12.8	0.0	0.0	-13.6
8579	638948.46	4873825.96	326.95	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	50.8	0.9	-1.2	0.0	0.0	15.4	0.0	0.0	-17.5
8579	638948.46	4873825.96	326.95	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	50.8	3.2	-1.2	0.0	0.0	18.2	0.0	0.0	-26.7
8579	638948.46	4873825.96	326.95	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	50.8	11.4	-1.2	0.0	0.0	21.0	0.0	0.0	-40.9
8585	638952.22	4873809.96	326.67	0	DEN	32	16.0	1.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-37.1
8585	638952.22	4873809.96	326.67	0	DEN	63	24.2	1.8	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-29.5
8585	638952.22	4873809.96	326.67	0	DEN	125	30.3	1.8	0.0	0.0	0.0	49.5	0.0	1.3	0.0	0.0	5.7	0.0	0.0	-24.3
8585	638952.22	4873809.96	326.67	0	DEN	250	35.8	1.8	0.0	0.0	0.0	49.5	0.1	2.2	0.0	0.0	6.2	0.0	0.0	-20.3
8585	638952.22	4873809.96	326.67	0	DEN	500	41.2	1.8	0.0	0.0	0.0	49.5	0.2	-0.6	0.0	0.0	11.0	0.0	0.0	-17.0
8585	638952.22	4873809.96	326.67	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	49.5	0.3	-1.0	0.0	0.0	13.8	0.0	0.0	-13.3
8585	638952.22	4873809.96	326.67	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	49.5	0.8	-1.1	0.0	0.0	16.5	0.0	0.0	-17.3
8585	638952.22	4873809.96	326.67	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	49.5	2.7	-1.1	0.0	0.0	19.3	0.0	0.0	-26.2
8585	638952.22	4873809.96	326.67	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	49.5	9.8	-1.1	0.0	0.0	21.1	0.0	0.0	-38.1
8591	638946.27	4873835.65	327.12	0	DEN	32	16.0	4.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-35.9
8591	638946.27	4873835.65	327.12	0	DEN	63	24.2	4.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-28.1
8591	638946.27	4873835.65	327.12	0	DEN	125	30.3	4.9	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.1	0.0	0.0	-22.7
8591	638946.27	4873835.65	327.12	0	DEN	250	35.8	4.9	0.0	0.0	0.0	51.5	0.1	1.8	0.0	0.0	5.6	0.0	0.0	-18.4
8591	638946.27	4873835.65	327.12	0	DEN	500	41.2	4.9	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-14.7
8591	638946.27	4873835.65	327.12	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	51.5	0.4	-1.2	0.0	0.0	12.3	0.0	0.0	-10.7
8591	638946.27	4873835.65	327.12	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-14.7
8591	638946.27	4873835.65	327.12	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.5	0.0	0.0	-24.0
8591	638946.27	4873835.65	327.12	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	51.5	12.5	-1.3	0.0	0.0	20.3	0.0	0.0	-38.9
8599	638940.16	4873862.18	327.58	0	DEN	32	16.0	7.9	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-34.6
8599	638940.16	4873862.18	327.58	0	DEN	63	24.2	7.9	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-26.6
8599	638940.16	4873862.18	327.58	0	DEN	125	30.3	7.9	0.0	0.0	0.0	53.4	0.1	1.2	0.0	0.0	4.5	0.0	0.0	-21.0
8599	638940.16	4873862.18	327.58	0	DEN	250	35.8	7.9	0.0	0.0	0.0	53.4	0.1	1.8	0.0	0.0	4.7	0.0	0.0	-16.4
8599	638940.16	4873862.18	327.58	0	DEN	500	41.2	7.9	0.0	0.0	0.0	53.4	0.3	-0.9	0.0	0.0	8.7	0.0	0.0	-12.4
8599	638940.16	4873862.18	327.58	0	DEN	1000	47.4	7.9	0.0	0.0	0.0	53.4	0.5	-1.3	0.0	0.0	10.8	0.0	0.0	-8.2
8599	638940.16	4873862.18	327.58	0	DEN	2000	46.6	7.9	0.0	0.0	0.0	53.4	1.3	-1.3	0.0	0.0	13.1	0.0	0.0	-12.0
8599	638940.16	4873862.18	327.58	0	DEN	4000	42.4	7.9	0.0	0.0	0.0	53.4	4.3	-1.3	0.0	0.0	15.6	0.0	0.0	-21.8
8599	638940.16	4873862.18	327.58	0	DEN	8000	39.3	7.9	0.0	0.0	0.0	53.4	15.4	-1.3	0.0	0.0	18.4	0.0	0.0	-38.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8606	638980.86	4873683.12	324.51	0	DEN	32	16.0	10.9	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-27.9
8606	638980.86	4873683.12	324.51	0	DEN	63	24.2	10.9	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-20.7
8606	638980.86	4873683.12	324.51	0	DEN	125	30.3	10.9	0.0	0.0	0.0	48.8	0.0	1.5	0.0	0.0	7.0	0.0	0.0	-16.1
8606	638980.86	4873683.12	324.51	0	DEN	250	35.8	10.9	0.0	0.0	0.0	48.8	0.1	2.5	0.0	0.0	7.9	0.0	0.0	-12.6
8606	638980.86	4873683.12	324.51	0	DEN	500	41.2	10.9	0.0	0.0	0.0	48.8	0.1	-0.5	0.0	0.0	13.2	0.0	0.0	-9.6
8606	638980.86	4873683.12	324.51	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	48.8	0.3	-0.9	0.0	0.0	16.3	0.0	0.0	-6.2
8606	638980.86	4873683.12	324.51	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	48.8	0.7	-0.9	0.0	0.0	19.1	0.0	0.0	-10.3
8606	638980.86	4873683.12	324.51	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	48.8	2.5	-0.9	0.0	0.0	20.9	0.0	0.0	-18.1
8606	638980.86	4873683.12	324.51	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	48.8	9.1	-0.9	0.0	0.0	20.9	0.0	0.0	-27.7
8612	638978.04	4873696.20	324.72	0	DEN	32	16.0	7.9	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-29.9
8612	638978.04	4873696.20	324.72	0	DEN	63	24.2	7.9	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-22.7
8612	638978.04	4873696.20	324.72	0	DEN	125	30.3	7.9	0.0	0.0	0.0	47.6	0.0	1.0	0.0	0.0	7.7	0.0	0.0	-18.2
8612	638978.04	4873696.20	324.72	0	DEN	250	35.8	7.9	0.0	0.0	0.0	47.6	0.1	1.9	0.0	0.0	8.8	0.0	0.0	-14.8
8612	638978.04	4873696.20	324.72	0	DEN	500	41.2	7.9	0.0	0.0	0.0	47.6	0.1	-0.7	0.0	0.0	13.9	0.0	0.0	-11.8
8612	638978.04	4873696.20	324.72	0	DEN	1000	47.4	7.9	0.0	0.0	0.0	47.6	0.2	-1.1	0.0	0.0	16.9	0.0	0.0	-8.4
8612	638978.04	4873696.20	324.72	0	DEN	2000	46.6	7.9	0.0	0.0	0.0	47.6	0.7	-1.1	0.0	0.0	19.8	0.0	0.0	-12.5
8612	638978.04	4873696.20	324.72	0	DEN	4000	42.4	7.9	0.0	0.0	0.0	47.6	2.2	-1.1	0.0	0.0	21.1	0.0	0.0	-19.5
8612	638978.04	4873696.20	324.72	0	DEN	8000	39.3	7.9	0.0	0.0	0.0	47.6	7.9	-1.1	0.0	0.0	21.1	0.0	0.0	-28.3
8620	638976.01	4873703.96	324.87	0	DEN	32	16.0	4.9	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-32.2
8620	638976.01	4873703.96	324.87	0	DEN	63	24.2	4.9	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-25.0
8620	638976.01	4873703.96	324.87	0	DEN	125	30.3	4.9	0.0	0.0	0.0	46.9	0.0	1.2	0.0	0.0	7.5	0.0	0.0	-20.5
8620	638976.01	4873703.96	324.87	0	DEN	250	35.8	4.9	0.0	0.0	0.0	46.9	0.1	2.2	0.0	0.0	8.6	0.0	0.0	-17.0
8620	638976.01	4873703.96	324.87	0	DEN	500	41.2	4.9	0.0	0.0	0.0	46.9	0.1	-0.5	0.0	0.0	13.7	0.0	0.0	-14.1
8620	638976.01	4873703.96	324.87	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	46.9	0.2	-0.9	0.0	0.0	16.8	0.0	0.0	-10.7
8620	638976.01	4873703.96	324.87	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	46.9	0.6	-0.9	0.0	0.0	19.6	0.0	0.0	-14.7
8620	638976.01	4873703.96	324.87	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	46.9	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-21.7
8620	638976.01	4873703.96	324.87	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	46.9	7.3	-0.9	0.0	0.0	20.9	0.0	0.0	-30.0
8627	638973.82	4873713.65	325.04	0	DEN	32	16.0	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-31.4
8627	638973.82	4873713.65	325.04	0	DEN	63	24.2	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-24.3
8627	638973.82	4873713.65	325.04	0	DEN	125	30.3	4.9	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-19.8
8627	638973.82	4873713.65	325.04	0	DEN	250	35.8	4.9	0.0	0.0	0.0	46.0	0.1	1.9	0.0	0.0	9.1	0.0	0.0	-16.4
8627	638973.82	4873713.65	325.04	0	DEN	500	41.2	4.9	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-13.5
8627	638973.82	4873713.65	325.04	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-10.1
8627	638973.82	4873713.65	325.04	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	20.0	0.0	0.0	-14.1
8627	638973.82	4873713.65	325.04	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-20.6
8627	638973.82	4873713.65	325.04	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	46.0	6.6	-1.0	0.0	0.0	21.0	0.0	0.0	-28.4
8634	638973.97	4873713.89	325.03	0	DEN	32	16.0	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-31.4
8634	638973.97	4873713.89	325.03	0	DEN	63	24.2	4.9	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-24.3
8634	638973.97	4873713.89	325.03	0	DEN	125	30.3	4.9	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-19.8
8634	638973.97	4873713.89	325.03	0	DEN	250	35.8	4.9	0.0	0.0	0.0	46.0	0.1	1.9	0.0	0.0	9.1	0.0	0.0	-16.4
8634	638973.97	4873713.89	325.03	0	DEN	500	41.2	4.9	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-13.6
8634	638973.97	4873713.89	325.03	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	-10.2
8634	638973.97	4873713.89	325.03	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-14.2
8634	638973.97	4873713.89	325.03	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-20.6
8634	638973.97	4873713.89	325.03	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	46.0	6.5	-1.0	0.0	0.0	21.0	0.0	0.0	-28.4
8641	638977.11	4873701.28	324.80	0	DEN	32	16.0	4.9	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-32.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8641	638977.11	4873701.28	324.80	0	DEN	63	24.2	4.9	0.0	0.0	0.0	47.1	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-25.3
8641	638977.11	4873701.28	324.80	0	DEN	125	30.3	4.9	0.0	0.0	0.0	47.1	0.0	1.2	0.0	0.0	7.6	0.0	0.0	-20.8
8641	638977.11	4873701.28	324.80	0	DEN	250	35.8	4.9	0.0	0.0	0.0	47.1	0.1	2.1	0.0	0.0	8.8	0.0	0.0	-17.4
8641	638977.11	4873701.28	324.80	0	DEN	500	41.2	4.9	0.0	0.0	0.0	47.1	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-14.5
8641	638977.11	4873701.28	324.80	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	47.1	0.2	-0.9	0.0	0.0	17.0	0.0	0.0	-11.1
8641	638977.11	4873701.28	324.80	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	47.1	0.6	-0.9	0.0	0.0	19.8	0.0	0.0	-15.1
8641	638977.11	4873701.28	324.80	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	47.1	2.1	-0.9	0.0	0.0	20.9	0.0	0.0	-21.9
8641	638977.11	4873701.28	324.80	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	47.1	7.4	-0.9	0.0	0.0	20.9	0.0	0.0	-30.4
8647	638971.78	4873723.58	325.19	0	DEN	32	16.0	7.9	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-27.9
8647	638971.78	4873723.58	325.19	0	DEN	63	24.2	7.9	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-20.9
8647	638971.78	4873723.58	325.19	0	DEN	125	30.3	7.9	0.0	0.0	0.0	45.2	0.0	0.7	0.0	0.0	8.7	0.0	0.0	-16.5
8647	638971.78	4873723.58	325.19	0	DEN	250	35.8	7.9	0.0	0.0	0.0	45.2	0.1	1.5	0.0	0.0	10.1	0.0	0.0	-13.3
8647	638971.78	4873723.58	325.19	0	DEN	500	41.2	7.9	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	14.9	0.0	0.0	-10.4
8647	638971.78	4873723.58	325.19	0	DEN	1000	47.4	7.9	0.0	0.0	0.0	45.2	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-7.1
8647	638971.78	4873723.58	325.19	0	DEN	2000	46.6	7.9	0.0	0.0	0.0	45.2	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-11.1
8647	638971.78	4873723.58	325.19	0	DEN	4000	42.4	7.9	0.0	0.0	0.0	45.2	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-16.7
8647	638971.78	4873723.58	325.19	0	DEN	8000	39.3	7.9	0.0	0.0	0.0	45.2	6.0	-1.1	0.0	0.0	21.1	0.0	0.0	-24.1
8654	638969.43	4873733.04	325.37	0	DEN	32	16.0	4.9	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-30.6
8654	638969.43	4873733.04	325.37	0	DEN	63	24.2	4.9	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-23.7
8654	638969.43	4873733.04	325.37	0	DEN	125	30.3	4.9	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.9	0.0	0.0	-19.4
8654	638969.43	4873733.04	325.37	0	DEN	250	35.8	4.9	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	10.3	0.0	0.0	-16.2
8654	638969.43	4873733.04	325.37	0	DEN	500	41.2	4.9	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	15.2	0.0	0.0	-13.4
8654	638969.43	4873733.04	325.37	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-10.1
8654	638969.43	4873733.04	325.37	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-13.8
8654	638969.43	4873733.04	325.37	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-19.1
8654	638969.43	4873733.04	325.37	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-26.3
8661	638967.24	4873742.73	325.53	0	DEN	32	16.0	4.9	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-30.3
8661	638967.24	4873742.73	325.53	0	DEN	63	24.2	4.9	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-23.4
8661	638967.24	4873742.73	325.53	0	DEN	125	30.3	4.9	0.0	0.0	0.0	44.6	0.0	0.7	0.0	0.0	9.0	0.0	0.0	-19.1
8661	638967.24	4873742.73	325.53	0	DEN	250	35.8	4.9	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-15.8
8661	638967.24	4873742.73	325.53	0	DEN	500	41.2	4.9	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.2	0.0	0.0	-13.0
8661	638967.24	4873742.73	325.53	0	DEN	1000	47.4	4.9	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	-9.7
8661	638967.24	4873742.73	325.53	0	DEN	2000	46.6	4.9	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-13.6
8661	638967.24	4873742.73	325.53	0	DEN	4000	42.4	4.9	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-18.9
8661	638967.24	4873742.73	325.53	0	DEN	8000	39.3	4.9	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-26.0
8669	638966.77	4873745.27	325.57	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-33.3
8669	638966.77	4873745.27	325.57	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-26.4
8669	638966.77	4873745.27	325.57	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.9	0.0	0.0	-22.0
8669	638966.77	4873745.27	325.57	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.6	0.0	1.4	0.0	0.0	10.4	0.0	0.0	-18.8
8669	638966.77	4873745.27	325.57	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.1	0.0	0.0	-16.0
8669	638966.77	4873745.27	325.57	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	-12.6
8669	638966.77	4873745.27	325.57	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-16.6
8669	638966.77	4873745.27	325.57	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-21.9
8669	638966.77	4873745.27	325.57	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-29.0
8677	638964.89	4873753.27	325.71	0	DEN	32	16.0	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-33.3
8677	638964.89	4873753.27	325.71	0	DEN	63	24.2	1.8	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-26.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8677	638964.89	4873753.27	325.71	0	DEN	125	30.3	1.8	0.0	0.0	0.0	44.8	0.0	0.9	0.0	0.0	8.3	0.0	0.0	-21.9
8677	638964.89	4873753.27	325.71	0	DEN	250	35.8	1.8	0.0	0.0	0.0	44.8	0.1	1.7	0.0	0.0	9.7	0.0	0.0	-18.6
8677	638964.89	4873753.27	325.71	0	DEN	500	41.2	1.8	0.0	0.0	0.0	44.8	0.1	-0.6	0.0	0.0	14.5	0.0	0.0	-15.7
8677	638964.89	4873753.27	325.71	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	17.6	0.0	0.0	-12.3
8677	638964.89	4873753.27	325.71	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	20.4	0.0	0.0	-16.3
8677	638964.89	4873753.27	325.71	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.2
8677	638964.89	4873753.27	325.71	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-29.4
8684	638963.17	4873760.42	325.84	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-33.5
8684	638963.17	4873760.42	325.84	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-26.4
8684	638963.17	4873760.42	325.84	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-21.9
8684	638963.17	4873760.42	325.84	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.2	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-18.5
8684	638963.17	4873760.42	325.84	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-15.6
8684	638963.17	4873760.42	325.84	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	17.0	0.0	0.0	-12.2
8684	638963.17	4873760.42	325.84	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	19.9	0.0	0.0	-16.1
8684	638963.17	4873760.42	325.84	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-22.6
8684	638963.17	4873760.42	325.84	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-30.0
8691	638960.98	4873770.11	326.00	0	DEN	32	16.0	1.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-34.0
8691	638960.98	4873770.11	326.00	0	DEN	63	24.2	1.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-26.8
8691	638960.98	4873770.11	326.00	0	DEN	125	30.3	1.8	0.0	0.0	0.0	45.9	0.0	0.8	0.0	0.0	7.5	0.0	0.0	-22.1
8691	638960.98	4873770.11	326.00	0	DEN	250	35.8	1.8	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	8.6	0.0	0.0	-18.6
8691	638960.98	4873770.11	326.00	0	DEN	500	41.2	1.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-15.6
8691	638960.98	4873770.11	326.00	0	DEN	1000	47.4	1.8	0.0	0.0	0.0	45.9	0.2	-1.1	0.0	0.0	16.3	0.0	0.0	-12.1
8691	638960.98	4873770.11	326.00	0	DEN	2000	46.6	1.8	0.0	0.0	0.0	45.9	0.5	-1.1	0.0	0.0	19.1	0.0	0.0	-16.1
8691	638960.98	4873770.11	326.00	0	DEN	4000	42.4	1.8	0.0	0.0	0.0	45.9	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-23.5
8691	638960.98	4873770.11	326.00	0	DEN	8000	39.3	1.8	0.0	0.0	0.0	45.9	6.5	-1.1	0.0	0.0	21.1	0.0	0.0	-31.2
8698	638932.76	4873894.63	328.13	1	DEN	1000	47.4	-11.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-31.6
8698	638932.76	4873894.63	328.13	1	DEN	2000	46.6	-11.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-35.7
8698	638932.76	4873894.63	328.13	1	DEN	4000	42.4	-11.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-46.7
8698	638932.76	4873894.63	328.13	1	DEN	8000	39.3	-11.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-67.8
8825	638952.98	4873818.80	326.73	0	DEN	32	16.0	7.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-31.8
8825	638952.98	4873818.80	326.73	0	DEN	63	24.2	7.8	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-24.2
8825	638952.98	4873818.80	326.73	0	DEN	125	30.3	7.8	0.0	0.0	0.0	50.0	0.0	1.3	0.0	0.0	5.8	0.0	0.0	-19.1
8825	638952.98	4873818.80	326.73	0	DEN	250	35.8	7.8	0.0	0.0	0.0	50.0	0.1	2.2	0.0	0.0	6.4	0.0	0.0	-15.2
8825	638952.98	4873818.80	326.73	0	DEN	500	41.2	7.8	0.0	0.0	0.0	50.0	0.2	-0.7	0.0	0.0	11.3	0.0	0.0	-11.9
8825	638952.98	4873818.80	326.73	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	50.0	0.3	-1.1	0.0	0.0	14.1	0.0	0.0	-8.2
8825	638952.98	4873818.80	326.73	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	50.0	0.9	-1.1	0.0	0.0	16.8	0.0	0.0	-12.2
8825	638952.98	4873818.80	326.73	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	50.0	2.9	-1.1	0.0	0.0	19.6	0.0	0.0	-21.3
8825	638952.98	4873818.80	326.73	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	50.0	10.5	-1.1	0.0	0.0	21.1	0.0	0.0	-33.4
8831	638957.46	4873803.25	326.44	0	DEN	32	16.0	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-30.6
8831	638957.46	4873803.25	326.44	0	DEN	63	24.2	7.8	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-23.2
8831	638957.46	4873803.25	326.44	0	DEN	125	30.3	7.8	0.0	0.0	0.0	48.5	0.0	1.3	0.0	0.0	6.6	0.0	0.0	-18.4
8831	638957.46	4873803.25	326.44	0	DEN	250	35.8	7.8	0.0	0.0	0.0	48.5	0.1	2.2	0.0	0.0	7.4	0.0	0.0	-14.7
8831	638957.46	4873803.25	326.44	0	DEN	500	41.2	7.8	0.0	0.0	0.0	48.5	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-11.6
8831	638957.46	4873803.25	326.44	0	DEN	1000	47.4	7.8	0.0	0.0	0.0	48.5	0.3	-1.0	0.0	0.0	15.5	0.0	0.0	-8.1
8831	638957.46	4873803.25	326.44	0	DEN	2000	46.6	7.8	0.0	0.0	0.0	48.5	0.7	-1.0	0.0	0.0	18.3	0.0	0.0	-12.2
8831	638957.46	4873803.25	326.44	0	DEN	4000	42.4	7.8	0.0	0.0	0.0	48.5	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8831	638957.46	4873803.25	326.44	0	DEN	8000	39.3	7.8	0.0	0.0	0.0	48.5	8.8	-1.0	0.0	0.0	21.0	0.0	0.0	-30.3
8838	638950.13	4873829.89	326.94	0	DEN	32	16.0	10.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-29.5
8838	638950.13	4873829.89	326.94	0	DEN	63	24.2	10.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-21.9
8838	638950.13	4873829.89	326.94	0	DEN	125	30.3	10.8	0.0	0.0	0.0	51.0	0.0	1.2	0.0	0.0	5.5	0.0	0.0	-16.6
8838	638950.13	4873829.89	326.94	0	DEN	250	35.8	10.8	0.0	0.0	0.0	51.0	0.1	1.9	0.0	0.0	6.1	0.0	0.0	-12.5
8838	638950.13	4873829.89	326.94	0	DEN	500	41.2	10.8	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	10.7	0.0	0.0	-9.1
8838	638950.13	4873829.89	326.94	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	13.3	0.0	0.0	-5.3
8838	638950.13	4873829.89	326.94	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	15.9	0.0	0.0	-9.3
8838	638950.13	4873829.89	326.94	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	18.7	0.0	0.0	-18.6
8838	638950.13	4873829.89	326.94	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	51.0	11.6	-1.2	0.0	0.0	21.2	0.0	0.0	-32.5
8844	638945.35	4873847.10	327.26	0	DEN	32	16.0	10.8	0.0	0.0	0.0	52.3	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-30.7
8844	638945.35	4873847.10	327.26	0	DEN	63	24.2	10.8	0.0	0.0	0.0	52.3	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-22.9
8844	638945.35	4873847.10	327.26	0	DEN	125	30.3	10.8	0.0	0.0	0.0	52.3	0.0	1.2	0.0	0.0	5.0	0.0	0.0	-17.5
8844	638945.35	4873847.10	327.26	0	DEN	250	35.8	10.8	0.0	0.0	0.0	52.3	0.1	1.8	0.0	0.0	5.5	0.0	0.0	-13.1
8844	638945.35	4873847.10	327.26	0	DEN	500	41.2	10.8	0.0	0.0	0.0	52.3	0.2	-0.9	0.0	0.0	9.7	0.0	0.0	-9.4
8844	638945.35	4873847.10	327.26	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	52.3	0.4	-1.2	0.0	0.0	12.1	0.0	0.0	-5.4
8844	638945.35	4873847.10	327.26	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	52.3	1.1	-1.3	0.0	0.0	14.5	0.0	0.0	-9.3
8844	638945.35	4873847.10	327.26	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	52.3	3.8	-1.3	0.0	0.0	17.2	0.0	0.0	-18.9
8844	638945.35	4873847.10	327.26	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	52.3	13.6	-1.3	0.0	0.0	20.1	0.0	0.0	-34.6
8851	638939.65	4873869.29	327.66	0	DEN	32	16.0	10.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-31.8
8851	638939.65	4873869.29	327.66	0	DEN	63	24.2	10.8	0.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-24.0
8851	638939.65	4873869.29	327.66	0	DEN	125	30.3	10.8	0.0	0.0	0.0	53.8	0.1	1.3	0.0	0.0	4.4	0.0	0.0	-18.5
8851	638939.65	4873869.29	327.66	0	DEN	250	35.8	10.8	0.0	0.0	0.0	53.8	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-13.8
8851	638939.65	4873869.29	327.66	0	DEN	500	41.2	10.8	0.0	0.0	0.0	53.8	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	-9.8
8851	638939.65	4873869.29	327.66	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	53.8	0.5	-1.2	0.0	0.0	10.7	0.0	0.0	-5.6
8851	638939.65	4873869.29	327.66	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	53.8	1.3	-1.3	0.0	0.0	12.9	0.0	0.0	-9.4
8851	638939.65	4873869.29	327.66	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	53.8	4.5	-1.3	0.0	0.0	15.5	0.0	0.0	-19.3
8851	638939.65	4873869.29	327.66	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	53.8	16.1	-1.3	0.0	0.0	18.2	0.0	0.0	-36.8
8859	638963.27	4873778.31	326.00	0	DEN	32	16.0	10.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-25.6
8859	638963.27	4873778.31	326.00	0	DEN	63	24.2	10.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-18.5
8859	638963.27	4873778.31	326.00	0	DEN	125	30.3	10.8	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	8.1	0.0	0.0	-14.0
8859	638963.27	4873778.31	326.00	0	DEN	250	35.8	10.8	0.0	0.0	0.0	46.0	0.1	1.9	0.0	0.0	9.3	0.0	0.0	-10.7
8859	638963.27	4873778.31	326.00	0	DEN	500	41.2	10.8	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	14.3	0.0	0.0	-7.8
8859	638963.27	4873778.31	326.00	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	-4.4
8859	638963.27	4873778.31	326.00	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-8.4
8859	638963.27	4873778.31	326.00	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-14.7
8859	638963.27	4873778.31	326.00	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	46.0	6.6	-1.0	0.0	0.0	21.0	0.0	0.0	-22.5
8865	638960.42	4873789.41	326.20	0	DEN	32	16.0	10.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-26.4
8865	638960.42	4873789.41	326.20	0	DEN	63	24.2	10.8	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-19.2
8865	638960.42	4873789.41	326.20	0	DEN	125	30.3	10.8	0.0	0.0	0.0	47.2	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-14.6
8865	638960.42	4873789.41	326.20	0	DEN	250	35.8	10.8	0.0	0.0	0.0	47.2	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-11.1
8865	638960.42	4873789.41	326.20	0	DEN	500	41.2	10.8	0.0	0.0	0.0	47.2	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	-8.1
8865	638960.42	4873789.41	326.20	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	47.2	0.2	-0.9	0.0	0.0	16.4	0.0	0.0	-4.7
8865	638960.42	4873789.41	326.20	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	47.2	0.6	-1.0	0.0	0.0	19.2	0.0	0.0	-8.7
8865	638960.42	4873789.41	326.20	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	47.2	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-16.1
8865	638960.42	4873789.41	326.20	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	47.2	7.5	-1.0	0.0	0.0	21.0	0.0	0.0	-24.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8871	638958.38	4873798.27	326.36	0	DEN	32	16.0	10.8	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-27.2
8871	638958.38	4873798.27	326.36	0	DEN	63	24.2	10.8	0.0	0.0	0.0	48.1	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-19.8
8871	638958.38	4873798.27	326.36	0	DEN	125	30.3	10.8	0.0	0.0	0.0	48.1	0.0	1.2	0.0	0.0	6.9	0.0	0.0	-15.1
8871	638958.38	4873798.27	326.36	0	DEN	250	35.8	10.8	0.0	0.0	0.0	48.1	0.1	2.1	0.0	0.0	7.8	0.0	0.0	-11.5
8871	638958.38	4873798.27	326.36	0	DEN	500	41.2	10.8	0.0	0.0	0.0	48.1	0.1	-0.6	0.0	0.0	12.8	0.0	0.0	-8.4
8871	638958.38	4873798.27	326.36	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	48.1	0.3	-1.0	0.0	0.0	15.8	0.0	0.0	-4.9
8871	638958.38	4873798.27	326.36	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	48.1	0.7	-1.0	0.0	0.0	18.6	0.0	0.0	-9.0
8871	638958.38	4873798.27	326.36	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	48.1	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-17.2
8871	638958.38	4873798.27	326.36	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	48.1	8.3	-1.0	0.0	0.0	21.0	0.0	0.0	-26.3
8877	638953.90	4873813.82	326.65	0	DEN	32	16.0	10.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-28.4
8877	638953.90	4873813.82	326.65	0	DEN	63	24.2	10.8	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-20.8
8877	638953.90	4873813.82	326.65	0	DEN	125	30.3	10.8	0.0	0.0	0.0	49.6	0.0	1.4	0.0	0.0	5.8	0.0	0.0	-15.8
8877	638953.90	4873813.82	326.65	0	DEN	250	35.8	10.8	0.0	0.0	0.0	49.6	0.1	2.4	0.0	0.0	6.5	0.0	0.0	-11.9
8877	638953.90	4873813.82	326.65	0	DEN	500	41.2	10.8	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	11.5	0.0	0.0	-8.7
8877	638953.90	4873813.82	326.65	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	14.3	0.0	0.0	-5.1
8877	638953.90	4873813.82	326.65	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	17.0	0.0	0.0	-9.1
8877	638953.90	4873813.82	326.65	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	19.9	0.0	0.0	-18.1
8877	638953.90	4873813.82	326.65	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-29.5
8883	638932.89	4873894.75	328.13	1	DEN	1000	47.4	-6.6	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-26.7
8883	638932.89	4873894.75	328.13	1	DEN	2000	46.6	-6.6	0.0	0.0	0.0	56.2	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-30.9
8883	638932.89	4873894.75	328.13	1	DEN	4000	42.4	-6.6	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-41.9
8883	638932.89	4873894.75	328.13	1	DEN	8000	39.3	-6.6	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-63.0
8909	638831.05	4873524.04	324.40	0	DEN	32	16.0	11.0	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-38.1
8909	638831.05	4873524.04	324.40	0	DEN	63	24.2	11.0	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-30.0
8909	638831.05	4873524.04	324.40	0	DEN	125	30.3	11.0	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-24.0
8909	638831.05	4873524.04	324.40	0	DEN	250	35.8	11.0	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-18.7
8909	638831.05	4873524.04	324.40	0	DEN	500	41.2	11.0	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-13.7
8909	638831.05	4873524.04	324.40	0	DEN	1000	47.4	11.0	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-8.1
8909	638831.05	4873524.04	324.40	0	DEN	2000	46.6	11.0	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-11.0
8909	638831.05	4873524.04	324.40	0	DEN	4000	42.4	11.0	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-22.5
8909	638831.05	4873524.04	324.40	0	DEN	8000	39.3	11.0	0.0	0.0	0.0	60.3	34.3	-1.8	0.0	0.0	8.7	0.0	0.0	-51.2
8916	638741.69	4873606.93	326.75	0	DEN	32	16.0	24.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-25.0
8916	638741.69	4873606.93	326.75	0	DEN	63	24.2	24.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-16.9
8916	638741.69	4873606.93	326.75	0	DEN	125	30.3	24.6	0.0	0.0	0.0	60.8	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-10.9
8916	638741.69	4873606.93	326.75	0	DEN	250	35.8	24.6	0.0	0.0	0.0	60.8	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-5.7
8916	638741.69	4873606.93	326.75	0	DEN	500	41.2	24.6	0.0	0.0	0.0	60.8	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-0.8
8916	638741.69	4873606.93	326.75	0	DEN	1000	47.4	24.6	0.0	0.0	0.0	60.8	1.1	-1.9	0.0	0.0	7.4	0.0	0.0	4.5
8916	638741.69	4873606.93	326.75	0	DEN	2000	46.6	24.6	0.0	0.0	0.0	60.8	3.0	-1.9	0.0	0.0	8.1	0.0	0.0	1.2
8916	638741.69	4873606.93	326.75	0	DEN	4000	42.4	24.6	0.0	0.0	0.0	60.8	10.1	-1.9	0.0	0.0	9.2	0.0	0.0	-11.2
8916	638741.69	4873606.93	326.75	0	DEN	8000	39.3	24.6	0.0	0.0	0.0	60.8	36.1	-1.9	0.0	0.0	10.7	0.0	0.0	-41.8
8923	638782.58	4873566.97	325.59	0	DEN	32	16.0	24.6	0.0	0.0	0.0	60.5	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-24.6
8923	638782.58	4873566.97	325.59	0	DEN	63	24.2	24.6	0.0	0.0	0.0	60.5	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-16.5
8923	638782.58	4873566.97	325.59	0	DEN	125	30.3	24.6	0.0	0.0	0.0	60.5	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-10.5
8923	638782.58	4873566.97	325.59	0	DEN	250	35.8	24.6	0.0	0.0	0.0	60.5	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-5.3
8923	638782.58	4873566.97	325.59	0	DEN	500	41.2	24.6	0.0	0.0	0.0	60.5	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-0.3
8923	638782.58	4873566.97	325.59	0	DEN	1000	47.4	24.6	0.0	0.0	0.0	60.5	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	5.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8923	638782.58	4873566.97	325.59	0	DEN	2000	46.6	24.6	0.0	0.0	0.0	60.5	2.9	-1.9	0.0	0.0	7.6	0.0	0.0	2.1
8923	638782.58	4873566.97	325.59	0	DEN	4000	42.4	24.6	0.0	0.0	0.0	60.5	9.7	-1.9	0.0	0.0	8.5	0.0	0.0	-9.8
8923	638782.58	4873566.97	325.59	0	DEN	8000	39.3	24.6	0.0	0.0	0.0	60.5	34.7	-1.9	0.0	0.0	9.8	0.0	0.0	-39.2
8929	638716.47	4873625.29	327.21	0	DEN	32	16.0	27.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-22.4
8929	638716.47	4873625.29	327.21	0	DEN	63	24.2	27.6	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-14.3
8929	638716.47	4873625.29	327.21	0	DEN	125	30.3	27.6	0.0	0.0	0.0	61.2	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-8.3
8929	638716.47	4873625.29	327.21	0	DEN	250	35.8	27.6	0.0	0.0	0.0	61.2	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-3.1
8929	638716.47	4873625.29	327.21	0	DEN	500	41.2	27.6	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	1.8
8929	638716.47	4873625.29	327.21	0	DEN	1000	47.4	27.6	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	7.0
8929	638716.47	4873625.29	327.21	0	DEN	2000	46.6	27.6	0.0	0.0	0.0	61.2	3.1	-1.9	0.0	0.0	8.2	0.0	0.0	3.6
8929	638716.47	4873625.29	327.21	0	DEN	4000	42.4	27.6	0.0	0.0	0.0	61.2	10.6	-1.9	0.0	0.0	9.4	0.0	0.0	-9.2
8929	638716.47	4873625.29	327.21	0	DEN	8000	39.3	27.6	0.0	0.0	0.0	61.2	37.8	-1.9	0.0	0.0	11.0	0.0	0.0	-41.2
8935	638805.70	4873548.14	325.09	0	DEN	32	16.0	17.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-31.6
8935	638805.70	4873548.14	325.09	0	DEN	63	24.2	17.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-23.5
8935	638805.70	4873548.14	325.09	0	DEN	125	30.3	17.5	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-17.5
8935	638805.70	4873548.14	325.09	0	DEN	250	35.8	17.5	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.4	0.0	0.0	-12.2
8935	638805.70	4873548.14	325.09	0	DEN	500	41.2	17.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-7.2
8935	638805.70	4873548.14	325.09	0	DEN	1000	47.4	17.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-1.7
8935	638805.70	4873548.14	325.09	0	DEN	2000	46.6	17.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.3	0.0	0.0	-4.6
8935	638805.70	4873548.14	325.09	0	DEN	4000	42.4	17.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	8.0	0.0	0.0	-16.2
8935	638805.70	4873548.14	325.09	0	DEN	8000	39.3	17.5	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.0	0.0	0.0	-44.9
8942	638785.39	4873568.29	325.68	0	DEN	32	16.0	14.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-34.7
8942	638785.39	4873568.29	325.68	0	DEN	63	24.2	14.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-26.6
8942	638785.39	4873568.29	325.68	0	DEN	125	30.3	14.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-20.6
8942	638785.39	4873568.29	325.68	0	DEN	250	35.8	14.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-15.3
8942	638785.39	4873568.29	325.68	0	DEN	500	41.2	14.5	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.5	0.0	0.0	-10.3
8942	638785.39	4873568.29	325.68	0	DEN	1000	47.4	14.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.1	0.0	0.0	-4.9
8942	638785.39	4873568.29	325.68	0	DEN	2000	46.6	14.5	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.6	0.0	0.0	-7.9
8942	638785.39	4873568.29	325.68	0	DEN	4000	42.4	14.5	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	8.5	0.0	0.0	-19.8
8942	638785.39	4873568.29	325.68	0	DEN	8000	39.3	14.5	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	9.8	0.0	0.0	-48.9
8949	638744.22	4873607.91	326.82	0	DEN	32	16.0	14.5	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-35.1
8949	638744.22	4873607.91	326.82	0	DEN	63	24.2	14.5	0.0	0.0	0.0	60.7	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-26.9
8949	638744.22	4873607.91	326.82	0	DEN	125	30.3	14.5	0.0	0.0	0.0	60.7	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-21.0
8949	638744.22	4873607.91	326.82	0	DEN	250	35.8	14.5	0.0	0.0	0.0	60.7	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-15.8
8949	638744.22	4873607.91	326.82	0	DEN	500	41.2	14.5	0.0	0.0	0.0	60.7	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-10.8
8949	638744.22	4873607.91	326.82	0	DEN	1000	47.4	14.5	0.0	0.0	0.0	60.7	1.1	-1.9	0.0	0.0	7.4	0.0	0.0	-5.5
8949	638744.22	4873607.91	326.82	0	DEN	2000	46.6	14.5	0.0	0.0	0.0	60.7	3.0	-1.9	0.0	0.0	8.1	0.0	0.0	-8.8
8949	638744.22	4873607.91	326.82	0	DEN	4000	42.4	14.5	0.0	0.0	0.0	60.7	10.0	-1.9	0.0	0.0	9.2	0.0	0.0	-21.2
8949	638744.22	4873607.91	326.82	0	DEN	8000	39.3	14.5	0.0	0.0	0.0	60.7	35.8	-1.9	0.0	0.0	10.7	0.0	0.0	-51.6
8955	638638.87	4873700.27	329.37	0	DEN	32	16.0	26.0	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-25.3
8955	638638.87	4873700.27	329.37	0	DEN	63	24.2	26.0	0.0	0.0	0.0	62.6	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-17.2
8955	638638.87	4873700.27	329.37	0	DEN	125	30.3	26.0	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-11.2
8955	638638.87	4873700.27	329.37	0	DEN	250	35.8	26.0	0.0	0.0	0.0	62.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-6.0
8955	638638.87	4873700.27	329.37	0	DEN	500	41.2	26.0	0.0	0.0	0.0	62.6	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-1.0
8955	638638.87	4873700.27	329.37	0	DEN	1000	47.4	26.0	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	4.3
8955	638638.87	4873700.27	329.37	0	DEN	2000	46.6	26.0	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	0.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8955	638638.87	4873700.27	329.37	0	DEN	4000	42.4	26.0	0.0	0.0	0.0	62.6	12.4	-2.1	0.0	0.0	8.2	0.0	0.0	-12.7
8955	638638.87	4873700.27	329.37	0	DEN	8000	39.3	26.0	0.0	0.0	0.0	62.6	44.2	-2.1	0.0	0.0	9.2	0.0	0.0	-48.6
8961	638586.49	4873756.90	331.07	0	DEN	32	16.0	26.0	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-26.4
8961	638586.49	4873756.90	331.07	0	DEN	63	24.2	26.0	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-18.2
8961	638586.49	4873756.90	331.07	0	DEN	125	30.3	26.0	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-12.3
8961	638586.49	4873756.90	331.07	0	DEN	250	35.8	26.0	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-7.1
8961	638586.49	4873756.90	331.07	0	DEN	500	41.2	26.0	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-2.1
8961	638586.49	4873756.90	331.07	0	DEN	1000	47.4	26.0	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	3.3
8961	638586.49	4873756.90	331.07	0	DEN	2000	46.6	26.0	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.2	0.0	0.0	-0.2
8961	638586.49	4873756.90	331.07	0	DEN	4000	42.4	26.0	0.0	0.0	0.0	63.6	14.0	-2.2	0.0	0.0	7.5	0.0	0.0	-14.6
8961	638586.49	4873756.90	331.07	0	DEN	8000	39.3	26.0	0.0	0.0	0.0	63.6	49.9	-2.2	0.0	0.0	8.0	0.0	0.0	-54.1
8967	638669.83	4873673.58	328.64	0	DEN	32	16.0	29.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-21.7
8967	638669.83	4873673.58	328.64	0	DEN	63	24.2	29.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-13.6
8967	638669.83	4873673.58	328.64	0	DEN	125	30.3	29.0	0.0	0.0	0.0	62.0	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-7.6
8967	638669.83	4873673.58	328.64	0	DEN	250	35.8	29.0	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-2.4
8967	638669.83	4873673.58	328.64	0	DEN	500	41.2	29.0	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.7	0.0	0.0	2.5
8967	638669.83	4873673.58	328.64	0	DEN	1000	47.4	29.0	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	7.9
8967	638669.83	4873673.58	328.64	0	DEN	2000	46.6	29.0	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.8	0.0	0.0	4.5
8967	638669.83	4873673.58	328.64	0	DEN	4000	42.4	29.0	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	8.7	0.0	0.0	-8.7
8967	638669.83	4873673.58	328.64	0	DEN	8000	39.3	29.0	0.0	0.0	0.0	62.0	41.3	-2.0	0.0	0.0	10.0	0.0	0.0	-42.8
8974	638840.40	4873515.63	324.17	1	DEN	500	41.2	-23.2	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-49.0
8974	638840.40	4873515.63	324.17	1	DEN	1000	47.4	-23.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-43.4
8974	638840.40	4873515.63	324.17	1	DEN	2000	46.6	-23.2	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-46.3
8974	638840.40	4873515.63	324.17	1	DEN	4000	42.4	-23.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-57.9
8974	638840.40	4873515.63	324.17	1	DEN	8000	39.3	-23.2	0.0	0.0	0.0	60.4	34.7	-1.8	0.0	0.0	8.5	0.0	1.0	-86.8
8981	638678.34	4873663.14	328.31	1	DEN	8000	39.3	21.3	0.0	0.0	0.0	65.4	61.4	-2.0	0.0	0.0	6.8	0.0	1.0	-72.0
8994	638531.77	4873812.67	332.71	1	DEN	4000	42.4	-35.7	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-87.8
8994	638531.77	4873812.67	332.71	1	DEN	8000	39.3	-35.7	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-143.5
9000	638534.71	4873809.67	332.62	1	DEN	4000	42.4	0.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-51.4
9000	638534.71	4873809.67	332.62	1	DEN	8000	39.3	0.8	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-107.6
9007	638708.63	4873547.13	325.04	0	DEN	32	16.0	35.6	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-15.5
9007	638708.63	4873547.13	325.04	0	DEN	63	24.2	35.6	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-7.4
9007	638708.63	4873547.13	325.04	0	DEN	125	30.3	35.6	0.0	0.0	0.0	62.3	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-1.4
9007	638708.63	4873547.13	325.04	0	DEN	250	35.8	35.6	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	3.8
9007	638708.63	4873547.13	325.04	0	DEN	500	41.2	35.6	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	8.8
9007	638708.63	4873547.13	325.04	0	DEN	1000	47.4	35.6	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	14.1
9007	638708.63	4873547.13	325.04	0	DEN	2000	46.6	35.6	0.0	0.0	0.0	62.3	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	10.7
9007	638708.63	4873547.13	325.04	0	DEN	4000	42.4	35.6	0.0	0.0	0.0	62.3	12.1	-2.1	0.0	0.0	8.3	0.0	0.0	-2.7
9007	638708.63	4873547.13	325.04	0	DEN	8000	39.3	35.6	0.0	0.0	0.0	62.3	43.0	-2.1	0.0	0.0	9.5	0.0	0.0	-37.9
9024	638645.82	4873674.63	328.73	0	DEN	32	16.0	32.4	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-18.9
9024	638645.82	4873674.63	328.73	0	DEN	63	24.2	32.4	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-10.8
9024	638645.82	4873674.63	328.73	0	DEN	125	30.3	32.4	0.0	0.0	0.0	62.5	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-4.8
9024	638645.82	4873674.63	328.73	0	DEN	250	35.8	32.4	0.0	0.0	0.0	62.5	0.4	1.1	0.0	0.0	3.8	0.0	0.0	0.4
9024	638645.82	4873674.63	328.73	0	DEN	500	41.2	32.4	0.0	0.0	0.0	62.5	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	5.4
9024	638645.82	4873674.63	328.73	0	DEN	1000	47.4	32.4	0.0	0.0	0.0	62.5	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	10.7
9024	638645.82	4873674.63	328.73	0	DEN	2000	46.6	32.4	0.0	0.0	0.0	62.5	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	7.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9024	638645.82	4873674.63	328.73	0	DEN	4000	42.4	32.4	0.0	0.0	0.0	62.5	12.3	-2.1	0.0	0.0	8.4	0.0	0.0	-6.4
9024	638645.82	4873674.63	328.73	0	DEN	8000	39.3	32.4	0.0	0.0	0.0	62.5	44.0	-2.1	0.0	0.0	9.6	0.0	0.0	-42.3
9030	638593.44	4873731.25	330.43	0	DEN	32	16.0	32.4	0.0	0.0	0.0	63.5	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-19.9
9030	638593.44	4873731.25	330.43	0	DEN	63	24.2	32.4	0.0	0.0	0.0	63.5	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-11.7
9030	638593.44	4873731.25	330.43	0	DEN	125	30.3	32.4	0.0	0.0	0.0	63.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-5.8
9030	638593.44	4873731.25	330.43	0	DEN	250	35.8	32.4	0.0	0.0	0.0	63.5	0.4	1.0	0.0	0.0	3.8	0.0	0.0	-0.6
9030	638593.44	4873731.25	330.43	0	DEN	500	41.2	32.4	0.0	0.0	0.0	63.5	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	4.4
9030	638593.44	4873731.25	330.43	0	DEN	1000	47.4	32.4	0.0	0.0	0.0	63.5	1.5	-2.2	0.0	0.0	7.1	0.0	0.0	9.8
9030	638593.44	4873731.25	330.43	0	DEN	2000	46.6	32.4	0.0	0.0	0.0	63.5	4.1	-2.2	0.0	0.0	7.3	0.0	0.0	6.3
9030	638593.44	4873731.25	330.43	0	DEN	4000	42.4	32.4	0.0	0.0	0.0	63.5	13.8	-2.2	0.0	0.0	7.7	0.0	0.0	-8.0
9030	638593.44	4873731.25	330.43	0	DEN	8000	39.3	32.4	0.0	0.0	0.0	63.5	49.2	-2.2	0.0	0.0	8.4	0.0	0.0	-47.2
9037	638667.42	4873653.95	328.09	1	DEN	8000	39.3	22.6	0.0	0.0	0.0	65.6	63.1	-2.1	0.0	0.0	6.9	0.0	1.0	-72.6
9043	638531.77	4873812.66	332.71	1	DEN	4000	42.4	-31.1	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-83.2
9043	638531.77	4873812.66	332.71	1	DEN	8000	39.3	-31.1	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-138.9
9048	638534.61	4873809.02	332.60	1	DEN	4000	42.4	5.9	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-46.3
9048	638534.61	4873809.02	332.60	1	DEN	8000	39.3	5.9	0.0	0.0	0.0	67.0	73.9	-3.0	0.0	0.0	7.8	0.0	2.0	-102.6
9072	638573.33	4873726.19	330.62	0	DEN	32	16.0	35.9	0.0	0.0	0.0	63.9	0.0	-4.6	0.0	0.0	9.3	0.0	0.0	-16.8
9072	638573.33	4873726.19	330.62	0	DEN	63	24.2	35.9	0.0	0.0	0.0	63.9	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-8.7
9072	638573.33	4873726.19	330.62	0	DEN	125	30.3	35.9	0.0	0.0	0.0	63.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-2.7
9072	638573.33	4873726.19	330.62	0	DEN	250	35.8	35.9	0.0	0.0	0.0	63.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	2.5
9072	638573.33	4873726.19	330.62	0	DEN	500	41.2	35.9	0.0	0.0	0.0	63.9	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	7.5
9072	638573.33	4873726.19	330.62	0	DEN	1000	47.4	35.9	0.0	0.0	0.0	63.9	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	12.8
9072	638573.33	4873726.19	330.62	0	DEN	2000	46.6	35.9	0.0	0.0	0.0	63.9	4.3	-2.2	0.0	0.0	7.3	0.0	0.0	9.2
9072	638573.33	4873726.19	330.62	0	DEN	4000	42.4	35.9	0.0	0.0	0.0	63.9	14.5	-2.2	0.0	0.0	7.6	0.0	0.0	-5.5
9072	638573.33	4873726.19	330.62	0	DEN	8000	39.3	35.9	0.0	0.0	0.0	63.9	51.6	-2.2	0.0	0.0	8.2	0.0	0.0	-46.3
9080	638531.75	4873812.64	332.71	1	DEN	4000	42.4	-25.6	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-77.8
9080	638531.75	4873812.64	332.71	1	DEN	8000	39.3	-25.6	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-133.5
9087	638534.06	4873805.51	332.55	1	DEN	4000	42.4	13.7	0.0	0.0	0.0	67.1	20.8	-3.0	0.0	0.0	7.8	0.0	2.0	-38.6
9087	638534.06	4873805.51	332.55	1	DEN	8000	39.3	13.7	0.0	0.0	0.0	67.1	74.3	-3.0	0.0	0.0	7.8	0.0	2.0	-95.2
9095	638766.13	4873520.00	323.89	0	DEN	32	16.0	31.4	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-19.1
9095	638766.13	4873520.00	323.89	0	DEN	63	24.2	31.4	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-10.9
9095	638766.13	4873520.00	323.89	0	DEN	125	30.3	31.4	0.0	0.0	0.0	61.6	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-4.9
9095	638766.13	4873520.00	323.89	0	DEN	250	35.8	31.4	0.0	0.0	0.0	61.6	0.4	1.3	0.0	0.0	3.6	0.0	0.0	0.3
9095	638766.13	4873520.00	323.89	0	DEN	500	41.2	31.4	0.0	0.0	0.0	61.6	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	5.3
9095	638766.13	4873520.00	323.89	0	DEN	1000	47.4	31.4	0.0	0.0	0.0	61.6	1.2	-2.0	0.0	0.0	7.1	0.0	0.0	10.8
9095	638766.13	4873520.00	323.89	0	DEN	2000	46.6	31.4	0.0	0.0	0.0	61.6	3.3	-2.0	0.0	0.0	7.4	0.0	0.0	7.6
9095	638766.13	4873520.00	323.89	0	DEN	4000	42.4	31.4	0.0	0.0	0.0	61.6	11.1	-2.0	0.0	0.0	8.0	0.0	0.0	-5.0
9095	638766.13	4873520.00	323.89	0	DEN	8000	39.3	31.4	0.0	0.0	0.0	61.6	39.8	-2.0	0.0	0.0	8.9	0.0	0.0	-37.7
9102	638743.51	4873542.14	324.42	0	DEN	32	16.0	28.4	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	8.9	0.0	0.0	-22.1
9102	638743.51	4873542.14	324.42	0	DEN	63	24.2	28.4	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-14.0
9102	638743.51	4873542.14	324.42	0	DEN	125	30.3	28.4	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-8.0
9102	638743.51	4873542.14	324.42	0	DEN	250	35.8	28.4	0.0	0.0	0.0	61.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-2.8
9102	638743.51	4873542.14	324.42	0	DEN	500	41.2	28.4	0.0	0.0	0.0	61.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	2.2
9102	638743.51	4873542.14	324.42	0	DEN	1000	47.4	28.4	0.0	0.0	0.0	61.7	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	7.6
9102	638743.51	4873542.14	324.42	0	DEN	2000	46.6	28.4	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.7	0.0	0.0	4.3
9102	638743.51	4873542.14	324.42	0	DEN	4000	42.4	28.4	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.4	0.0	0.0	-8.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9102	638743.51	4873542.14	324.42	0	DEN	8000	39.3	28.4	0.0	0.0	0.0	61.7	40.1	-2.0	0.0	0.0	9.6	0.0	0.0	-41.7
9110	638718.75	4873593.36	326.10	0	DEN	32	16.0	28.4	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-22.0
9110	638718.75	4873593.36	326.10	0	DEN	63	24.2	28.4	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-13.8
9110	638718.75	4873593.36	326.10	0	DEN	125	30.3	28.4	0.0	0.0	0.0	61.5	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-7.9
9110	638718.75	4873593.36	326.10	0	DEN	250	35.8	28.4	0.0	0.0	0.0	61.5	0.4	1.3	0.0	0.0	3.7	0.0	0.0	-2.7
9110	638718.75	4873593.36	326.10	0	DEN	500	41.2	28.4	0.0	0.0	0.0	61.5	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	2.3
9110	638718.75	4873593.36	326.10	0	DEN	1000	47.4	28.4	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	7.6
9110	638718.75	4873593.36	326.10	0	DEN	2000	46.6	28.4	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	4.1
9110	638718.75	4873593.36	326.10	0	DEN	4000	42.4	28.4	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	9.0	0.0	0.0	-8.8
9110	638718.75	4873593.36	326.10	0	DEN	8000	39.3	28.4	0.0	0.0	0.0	61.5	39.2	-2.0	0.0	0.0	10.5	0.0	0.0	-41.6
9120	638955.03	4873807.75	326.56	0	DEN	32	16.0	5.2	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-33.5
9120	638955.03	4873807.75	326.56	0	DEN	63	24.2	5.2	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-26.0
9120	638955.03	4873807.75	326.56	0	DEN	125	30.3	5.2	0.0	0.0	0.0	49.1	0.0	1.4	0.0	0.0	6.1	0.0	0.0	-21.0
9120	638955.03	4873807.75	326.56	0	DEN	250	35.8	5.2	0.0	0.0	0.0	49.1	0.1	2.3	0.0	0.0	6.7	0.0	0.0	-17.2
9120	638955.03	4873807.75	326.56	0	DEN	500	41.2	5.2	0.0	0.0	0.0	49.1	0.2	-0.6	0.0	0.0	11.7	0.0	0.0	-14.0
9120	638955.03	4873807.75	326.56	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	49.1	0.3	-1.0	0.0	0.0	14.6	0.0	0.0	-10.4
9120	638955.03	4873807.75	326.56	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	49.1	0.8	-1.0	0.0	0.0	17.4	0.0	0.0	-14.4
9120	638955.03	4873807.75	326.56	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	49.1	2.6	-1.0	0.0	0.0	20.2	0.0	0.0	-23.3
9120	638955.03	4873807.75	326.56	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	49.1	9.4	-1.0	0.0	0.0	21.0	0.0	0.0	-33.9
9126	638958.96	4873792.94	326.28	0	DEN	32	16.0	2.2	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-35.3
9126	638958.96	4873792.94	326.28	0	DEN	63	24.2	2.2	0.0	0.0	0.0	47.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-28.0
9126	638958.96	4873792.94	326.28	0	DEN	125	30.3	2.2	0.0	0.0	0.0	47.6	0.0	1.2	0.0	0.0	7.0	0.0	0.0	-23.3
9126	638958.96	4873792.94	326.28	0	DEN	250	35.8	2.2	0.0	0.0	0.0	47.6	0.1	2.1	0.0	0.0	7.9	0.0	0.0	-19.7
9126	638958.96	4873792.94	326.28	0	DEN	500	41.2	2.2	0.0	0.0	0.0	47.6	0.1	-0.6	0.0	0.0	12.9	0.0	0.0	-16.7
9126	638958.96	4873792.94	326.28	0	DEN	1000	47.4	2.2	0.0	0.0	0.0	47.6	0.2	-1.0	0.0	0.0	15.9	0.0	0.0	-13.2
9126	638958.96	4873792.94	326.28	0	DEN	2000	46.6	2.2	0.0	0.0	0.0	47.6	0.7	-1.0	0.0	0.0	18.7	0.0	0.0	-17.2
9126	638958.96	4873792.94	326.28	0	DEN	4000	42.4	2.2	0.0	0.0	0.0	47.6	2.2	-1.0	0.0	0.0	21.0	0.0	0.0	-25.2
9126	638958.96	4873792.94	326.28	0	DEN	8000	39.3	2.2	0.0	0.0	0.0	47.6	7.9	-1.0	0.0	0.0	21.0	0.0	0.0	-34.0
9133	638960.47	4873786.94	326.18	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-37.8
9133	638960.47	4873786.94	326.18	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	47.0	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-30.6
9133	638960.47	4873786.94	326.18	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	47.0	0.0	1.2	0.0	0.0	7.2	0.0	0.0	-26.0
9133	638960.47	4873786.94	326.18	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	47.0	0.1	2.1	0.0	0.0	8.3	0.0	0.0	-22.5
9133	638960.47	4873786.94	326.18	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	47.0	0.1	-0.6	0.0	0.0	13.3	0.0	0.0	-19.5
9133	638960.47	4873786.94	326.18	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	47.0	0.2	-0.9	0.0	0.0	16.4	0.0	0.0	-16.1
9133	638960.47	4873786.94	326.18	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	47.0	0.6	-1.0	0.0	0.0	19.2	0.0	0.0	-20.1
9133	638960.47	4873786.94	326.18	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	47.0	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-27.5
9133	638960.47	4873786.94	326.18	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	47.0	7.4	-1.0	0.0	0.0	21.0	0.0	0.0	-35.9
9139	638963.16	4873776.76	325.99	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-37.0
9139	638963.16	4873776.76	325.99	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-30.0
9139	638963.16	4873776.76	325.99	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	45.9	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-25.5
9139	638963.16	4873776.76	325.99	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	45.9	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-22.1
9139	638963.16	4873776.76	325.99	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	45.9	0.1	-0.7	0.0	0.0	14.3	0.0	0.0	-19.2
9139	638963.16	4873776.76	325.99	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	45.9	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-15.8
9139	638963.16	4873776.76	325.99	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	45.9	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-19.8
9139	638963.16	4873776.76	325.99	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	45.9	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-26.2
9139	638963.16	4873776.76	325.99	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	45.9	6.5	-1.0	0.0	0.0	21.0	0.0	0.0	-34.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9146	638952.01	4873819.76	326.78	0	DEN	32	16.0	8.2	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-31.4
9146	638952.01	4873819.76	326.78	0	DEN	63	24.2	8.2	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-23.8
9146	638952.01	4873819.76	326.78	0	DEN	125	30.3	8.2	0.0	0.0	0.0	50.2	0.0	1.3	0.0	0.0	5.6	0.0	0.0	-18.6
9146	638952.01	4873819.76	326.78	0	DEN	250	35.8	8.2	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	6.2	0.0	0.0	-14.6
9146	638952.01	4873819.76	326.78	0	DEN	500	41.2	8.2	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	11.0	0.0	0.0	-11.3
9146	638952.01	4873819.76	326.78	0	DEN	1000	47.4	8.2	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	13.8	0.0	0.0	-7.6
9146	638952.01	4873819.76	326.78	0	DEN	2000	46.6	8.2	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	16.4	0.0	0.0	-11.6
9146	638952.01	4873819.76	326.78	0	DEN	4000	42.4	8.2	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	19.3	0.0	0.0	-20.7
9146	638952.01	4873819.76	326.78	0	DEN	8000	39.3	8.2	0.0	0.0	0.0	50.2	10.6	-1.1	0.0	0.0	21.1	0.0	0.0	-33.3
9152	638946.47	4873841.03	327.17	0	DEN	32	16.0	8.2	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-32.9
9152	638946.47	4873841.03	327.17	0	DEN	63	24.2	8.2	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-25.1
9152	638946.47	4873841.03	327.17	0	DEN	125	30.3	8.2	0.0	0.0	0.0	51.9	0.0	1.3	0.0	0.0	5.0	0.0	0.0	-19.7
9152	638946.47	4873841.03	327.17	0	DEN	250	35.8	8.2	0.0	0.0	0.0	51.9	0.1	2.0	0.0	0.0	5.4	0.0	0.0	-15.4
9152	638946.47	4873841.03	327.17	0	DEN	500	41.2	8.2	0.0	0.0	0.0	51.9	0.2	-0.8	0.0	0.0	9.8	0.0	0.0	-11.7
9152	638946.47	4873841.03	327.17	0	DEN	1000	47.4	8.2	0.0	0.0	0.0	51.9	0.4	-1.2	0.0	0.0	12.3	0.0	0.0	-7.8
9152	638946.47	4873841.03	327.17	0	DEN	2000	46.6	8.2	0.0	0.0	0.0	51.9	1.1	-1.2	0.0	0.0	14.8	0.0	0.0	-11.7
9152	638946.47	4873841.03	327.17	0	DEN	4000	42.4	8.2	0.0	0.0	0.0	51.9	3.6	-1.2	0.0	0.0	17.5	0.0	0.0	-21.2
9152	638946.47	4873841.03	327.17	0	DEN	8000	39.3	8.2	0.0	0.0	0.0	51.9	12.9	-1.2	0.0	0.0	20.4	0.0	0.0	-36.5
9158	638943.28	4873853.96	327.39	0	DEN	32	16.0	5.2	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-36.7
9158	638943.28	4873853.96	327.39	0	DEN	63	24.2	5.2	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-28.8
9158	638943.28	4873853.96	327.39	0	DEN	125	30.3	5.2	0.0	0.0	0.0	52.8	0.1	1.2	0.0	0.0	4.8	0.0	0.0	-23.3
9158	638943.28	4873853.96	327.39	0	DEN	250	35.8	5.2	0.0	0.0	0.0	52.8	0.1	1.8	0.0	0.0	5.1	0.0	0.0	-18.9
9158	638943.28	4873853.96	327.39	0	DEN	500	41.2	5.2	0.0	0.0	0.0	52.8	0.2	-0.9	0.0	0.0	9.3	0.0	0.0	-15.0
9158	638943.28	4873853.96	327.39	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	52.8	0.4	-1.3	0.0	0.0	11.6	0.0	0.0	-11.0
9158	638943.28	4873853.96	327.39	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	52.8	1.2	-1.3	0.0	0.0	14.0	0.0	0.0	-14.9
9158	638943.28	4873853.96	327.39	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	52.8	4.0	-1.3	0.0	0.0	16.6	0.0	0.0	-24.5
9158	638943.28	4873853.96	327.39	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	52.8	14.4	-1.3	0.0	0.0	19.4	0.0	0.0	-40.8
9164	638937.58	4873876.15	327.80	0	DEN	32	16.0	5.2	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-37.8
9164	638937.58	4873876.15	327.80	0	DEN	63	24.2	5.2	0.0	0.0	0.0	54.2	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-29.9
9164	638937.58	4873876.15	327.80	0	DEN	125	30.3	5.2	0.0	0.0	0.0	54.2	0.1	1.4	0.0	0.0	4.1	0.0	0.0	-24.3
9164	638937.58	4873876.15	327.80	0	DEN	250	35.8	5.2	0.0	0.0	0.0	54.2	0.2	2.0	0.0	0.0	4.3	0.0	0.0	-19.6
9164	638937.58	4873876.15	327.80	0	DEN	500	41.2	5.2	0.0	0.0	0.0	54.2	0.3	-0.9	0.0	0.0	8.2	0.0	0.0	-15.4
9164	638937.58	4873876.15	327.80	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	54.2	0.5	-1.2	0.0	0.0	10.2	0.0	0.0	-11.1
9164	638937.58	4873876.15	327.80	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	54.2	1.4	-1.2	0.0	0.0	12.3	0.0	0.0	-14.9
9164	638937.58	4873876.15	327.80	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	54.2	4.7	-1.2	0.0	0.0	14.8	0.0	0.0	-24.9
9164	638937.58	4873876.15	327.80	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	54.2	16.9	-1.2	0.0	0.0	17.5	0.0	0.0	-42.9
9170	638965.77	4873764.78	325.80	0	DEN	32	16.0	8.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-27.2
9170	638965.77	4873764.78	325.80	0	DEN	63	24.2	8.2	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-20.3
9170	638965.77	4873764.78	325.80	0	DEN	125	30.3	8.2	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.6	0.0	0.0	-15.9
9170	638965.77	4873764.78	325.80	0	DEN	250	35.8	8.2	0.0	0.0	0.0	44.9	0.1	1.7	0.0	0.0	10.0	0.0	0.0	-12.7
9170	638965.77	4873764.78	325.80	0	DEN	500	41.2	8.2	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	14.9	0.0	0.0	-9.9
9170	638965.77	4873764.78	325.80	0	DEN	1000	47.4	8.2	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.0	0.0	0.0	-6.5
9170	638965.77	4873764.78	325.80	0	DEN	2000	46.6	8.2	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	20.9	0.0	0.0	-10.5
9170	638965.77	4873764.78	325.80	0	DEN	4000	42.4	8.2	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-15.9
9170	638965.77	4873764.78	325.80	0	DEN	8000	39.3	8.2	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-23.1
9177	638962.75	4873776.80	326.01	0	DEN	32	16.0	8.2	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-28.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9177	638962.75	4873776.80	326.01	0	DEN	63	24.2	8.2	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-20.9
9177	638962.75	4873776.80	326.01	0	DEN	125	30.3	8.2	0.0	0.0	0.0	46.0	0.0	0.9	0.0	0.0	8.0	0.0	0.0	-16.4
9177	638962.75	4873776.80	326.01	0	DEN	250	35.8	8.2	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	9.2	0.0	0.0	-13.0
9177	638962.75	4873776.80	326.01	0	DEN	500	41.2	8.2	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	14.1	0.0	0.0	-10.1
9177	638962.75	4873776.80	326.01	0	DEN	1000	47.4	8.2	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-6.7
9177	638962.75	4873776.80	326.01	0	DEN	2000	46.6	8.2	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	20.0	0.0	0.0	-10.7
9177	638962.75	4873776.80	326.01	0	DEN	4000	42.4	8.2	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-17.2
9177	638962.75	4873776.80	326.01	0	DEN	8000	39.3	8.2	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-25.1
9183	638962.24	4873779.55	326.05	0	DEN	32	16.0	5.2	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-31.2
9183	638962.24	4873779.55	326.05	0	DEN	63	24.2	5.2	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-24.1
9183	638962.24	4873779.55	326.05	0	DEN	125	30.3	5.2	0.0	0.0	0.0	46.2	0.0	1.1	0.0	0.0	7.7	0.0	0.0	-19.6
9183	638962.24	4873779.55	326.05	0	DEN	250	35.8	5.2	0.0	0.0	0.0	46.2	0.1	2.0	0.0	0.0	8.9	0.0	0.0	-16.1
9183	638962.24	4873779.55	326.05	0	DEN	500	41.2	5.2	0.0	0.0	0.0	46.2	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-13.2
9183	638962.24	4873779.55	326.05	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	46.2	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-9.8
9183	638962.24	4873779.55	326.05	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	46.2	0.6	-1.0	0.0	0.0	19.8	0.0	0.0	-13.8
9183	638962.24	4873779.55	326.05	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	46.2	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-20.5
9183	638962.24	4873779.55	326.05	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	46.2	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-28.5
9188	638959.56	4873789.73	326.24	0	DEN	32	16.0	5.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-32.0
9188	638959.56	4873789.73	326.24	0	DEN	63	24.2	5.2	0.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-24.8
9188	638959.56	4873789.73	326.24	0	DEN	125	30.3	5.2	0.0	0.0	0.0	47.3	0.0	1.2	0.0	0.0	7.0	0.0	0.0	-20.1
9188	638959.56	4873789.73	326.24	0	DEN	250	35.8	5.2	0.0	0.0	0.0	47.3	0.1	2.1	0.0	0.0	8.0	0.0	0.0	-16.5
9188	638959.56	4873789.73	326.24	0	DEN	500	41.2	5.2	0.0	0.0	0.0	47.3	0.1	-0.6	0.0	0.0	13.0	0.0	0.0	-13.5
9188	638959.56	4873789.73	326.24	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	47.3	0.2	-1.0	0.0	0.0	16.0	0.0	0.0	-10.0
9188	638959.56	4873789.73	326.24	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	47.3	0.6	-1.0	0.0	0.0	18.9	0.0	0.0	-14.0
9188	638959.56	4873789.73	326.24	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	47.3	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-21.8
9188	638959.56	4873789.73	326.24	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	47.3	7.6	-1.0	0.0	0.0	21.0	0.0	0.0	-30.4
9194	638955.54	4873804.99	326.52	0	DEN	32	16.0	8.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-30.3
9194	638955.54	4873804.99	326.52	0	DEN	63	24.2	8.2	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-22.8
9194	638955.54	4873804.99	326.52	0	DEN	125	30.3	8.2	0.0	0.0	0.0	48.8	0.0	1.3	0.0	0.0	6.2	0.0	0.0	-17.9
9194	638955.54	4873804.99	326.52	0	DEN	250	35.8	8.2	0.0	0.0	0.0	48.8	0.1	2.2	0.0	0.0	6.9	0.0	0.0	-14.1
9194	638955.54	4873804.99	326.52	0	DEN	500	41.2	8.2	0.0	0.0	0.0	48.8	0.2	-0.6	0.0	0.0	11.9	0.0	0.0	-10.9
9194	638955.54	4873804.99	326.52	0	DEN	1000	47.4	8.2	0.0	0.0	0.0	48.8	0.3	-1.0	0.0	0.0	14.8	0.0	0.0	-7.3
9194	638955.54	4873804.99	326.52	0	DEN	2000	46.6	8.2	0.0	0.0	0.0	48.8	0.8	-1.0	0.0	0.0	17.5	0.0	0.0	-11.3
9194	638955.54	4873804.99	326.52	0	DEN	4000	42.4	8.2	0.0	0.0	0.0	48.8	2.6	-1.0	0.0	0.0	20.4	0.0	0.0	-20.2
9194	638955.54	4873804.99	326.52	0	DEN	8000	39.3	8.2	0.0	0.0	0.0	48.8	9.1	-1.0	0.0	0.0	21.0	0.0	0.0	-30.4
9201	638932.86	4873894.72	328.13	1	DEN	1000	47.4	-10.1	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-30.3
9201	638932.86	4873894.72	328.13	1	DEN	2000	46.6	-10.1	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-34.4
9201	638932.86	4873894.72	328.13	1	DEN	4000	42.4	-10.1	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-45.4
9201	638932.86	4873894.72	328.13	1	DEN	8000	39.3	-10.1	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-66.5
9211	638818.74	4873900.14	329.13	0	DEN	32	16.0	25.1	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-22.5
9211	638818.74	4873900.14	329.13	0	DEN	63	24.2	25.1	0.0	0.0	0.0	58.8	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-14.3
9211	638818.74	4873900.14	329.13	0	DEN	125	30.3	25.1	0.0	0.0	0.0	58.8	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-8.3
9211	638818.74	4873900.14	329.13	0	DEN	250	35.8	25.1	0.0	0.0	0.0	58.8	0.3	1.6	0.0	0.0	3.2	0.0	0.0	-3.0
9211	638818.74	4873900.14	329.13	0	DEN	500	41.2	25.1	0.0	0.0	0.0	58.8	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	2.0
9211	638818.74	4873900.14	329.13	0	DEN	1000	47.4	25.1	0.0	0.0	0.0	58.8	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	7.6
9211	638818.74	4873900.14	329.13	0	DEN	2000	46.6	25.1	0.0	0.0	0.0	58.8	2.4	-1.6	0.0	0.0	7.3	0.0	0.0	4.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9211	638818.74	4873900.14	329.13	0	DEN	4000	42.4	25.1	0.0	0.0	0.0	58.8	8.0	-1.6	0.0	0.0	8.0	0.0	0.0	-5.7
9211	638818.74	4873900.14	329.13	0	DEN	8000	39.3	25.1	0.0	0.0	0.0	58.8	28.5	-1.6	0.0	0.0	9.2	0.0	0.0	-30.5
9217	638848.10	4873902.11	328.66	0	DEN	32	16.0	22.1	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-24.7
9217	638848.10	4873902.11	328.66	0	DEN	63	24.2	22.1	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-16.5
9217	638848.10	4873902.11	328.66	0	DEN	125	30.3	22.1	0.0	0.0	0.0	58.0	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-10.5
9217	638848.10	4873902.11	328.66	0	DEN	250	35.8	22.1	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-5.3
9217	638848.10	4873902.11	328.66	0	DEN	500	41.2	22.1	0.0	0.0	0.0	58.0	0.4	-1.1	0.0	0.0	6.2	0.0	0.0	-0.2
9217	638848.10	4873902.11	328.66	0	DEN	1000	47.4	22.1	0.0	0.0	0.0	58.0	0.8	-1.4	0.0	0.0	6.9	0.0	0.0	5.3
9217	638848.10	4873902.11	328.66	0	DEN	2000	46.6	22.1	0.0	0.0	0.0	58.0	2.2	-1.4	0.0	0.0	7.4	0.0	0.0	2.5
9217	638848.10	4873902.11	328.66	0	DEN	4000	42.4	22.1	0.0	0.0	0.0	58.0	7.3	-1.4	0.0	0.0	8.4	0.0	0.0	-7.8
9217	638848.10	4873902.11	328.66	0	DEN	8000	39.3	22.1	0.0	0.0	0.0	58.0	26.0	-1.4	0.0	0.0	9.9	0.0	0.0	-31.0
9224	638887.49	4873899.92	328.54	0	DEN	32	16.0	22.1	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-23.5
9224	638887.49	4873899.92	328.54	0	DEN	63	24.2	22.1	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-15.3
9224	638887.49	4873899.92	328.54	0	DEN	125	30.3	22.1	0.0	0.0	0.0	56.7	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-9.4
9224	638887.49	4873899.92	328.54	0	DEN	250	35.8	22.1	0.0	0.0	0.0	56.7	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-4.1
9224	638887.49	4873899.92	328.54	0	DEN	500	41.2	22.1	0.0	0.0	0.0	56.7	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	0.9
9224	638887.49	4873899.92	328.54	0	DEN	1000	47.4	22.1	0.0	0.0	0.0	56.7	0.7	-1.3	0.0	0.0	7.0	0.0	0.0	6.3
9224	638887.49	4873899.92	328.54	0	DEN	2000	46.6	22.1	0.0	0.0	0.0	56.7	1.9	-1.3	0.0	0.0	7.8	0.0	0.0	3.6
9224	638887.49	4873899.92	328.54	0	DEN	4000	42.4	22.1	0.0	0.0	0.0	56.7	6.3	-1.3	0.0	0.0	9.0	0.0	0.0	-6.3
9224	638887.49	4873899.92	328.54	0	DEN	8000	39.3	22.1	0.0	0.0	0.0	56.7	22.6	-1.3	0.0	0.0	10.7	0.0	0.0	-27.4
9316	638777.94	4873887.16	329.93	0	DEN	32	16.0	23.9	0.0	0.0	0.0	59.7	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-24.6
9316	638777.94	4873887.16	329.93	0	DEN	63	24.2	23.9	0.0	0.0	0.0	59.7	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-16.4
9316	638777.94	4873887.16	329.93	0	DEN	125	30.3	23.9	0.0	0.0	0.0	59.7	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-10.4
9316	638777.94	4873887.16	329.93	0	DEN	250	35.8	23.9	0.0	0.0	0.0	59.7	0.3	1.5	0.0	0.0	3.3	0.0	0.0	-5.1
9316	638777.94	4873887.16	329.93	0	DEN	500	41.2	23.9	0.0	0.0	0.0	59.7	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	-0.0
9316	638777.94	4873887.16	329.93	0	DEN	1000	47.4	23.9	0.0	0.0	0.0	59.7	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	5.5
9316	638777.94	4873887.16	329.93	0	DEN	2000	46.6	23.9	0.0	0.0	0.0	59.7	2.6	-1.7	0.0	0.0	7.1	0.0	0.0	2.8
9316	638777.94	4873887.16	329.93	0	DEN	4000	42.4	23.9	0.0	0.0	0.0	59.7	8.9	-1.7	0.0	0.0	7.6	0.0	0.0	-8.2
9316	638777.94	4873887.16	329.93	0	DEN	8000	39.3	23.9	0.0	0.0	0.0	59.7	31.7	-1.7	0.0	0.0	8.6	0.0	0.0	-35.0
9320	638813.88	4873891.23	329.58	0	DEN	32	16.0	20.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-26.6
9320	638813.88	4873891.23	329.58	0	DEN	63	24.2	20.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-18.5
9320	638813.88	4873891.23	329.58	0	DEN	125	30.3	20.9	0.0	0.0	0.0	58.7	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-12.5
9320	638813.88	4873891.23	329.58	0	DEN	250	35.8	20.9	0.0	0.0	0.0	58.7	0.3	1.7	0.0	0.0	3.2	0.0	0.0	-7.2
9320	638813.88	4873891.23	329.58	0	DEN	500	41.2	20.9	0.0	0.0	0.0	58.7	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	-2.1
9320	638813.88	4873891.23	329.58	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	58.7	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	3.5
9320	638813.88	4873891.23	329.58	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	58.7	2.3	-1.6	0.0	0.0	7.2	0.0	0.0	0.8
9320	638813.88	4873891.23	329.58	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	58.7	8.0	-1.6	0.0	0.0	7.8	0.0	0.0	-9.6
9320	638813.88	4873891.23	329.58	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	58.7	28.4	-1.6	0.0	0.0	8.9	0.0	0.0	-34.3
9323	638870.94	4873894.65	328.90	0	DEN	32	16.0	20.9	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-25.0
9323	638870.94	4873894.65	328.90	0	DEN	63	24.2	20.9	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-16.8
9323	638870.94	4873894.65	328.90	0	DEN	125	30.3	20.9	0.0	0.0	0.0	57.1	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-10.8
9323	638870.94	4873894.65	328.90	0	DEN	250	35.8	20.9	0.0	0.0	0.0	57.1	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-5.6
9323	638870.94	4873894.65	328.90	0	DEN	500	41.2	20.9	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	-0.5
9323	638870.94	4873894.65	328.90	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	5.0
9323	638870.94	4873894.65	328.90	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	57.1	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	2.4
9323	638870.94	4873894.65	328.90	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	57.1	6.6	-1.3	0.0	0.0	8.5	0.0	0.0	-7.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9323	638870.94	4873894.65	328.90	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	57.1	23.5	-1.3	0.0	0.0	10.0	0.0	0.0	-29.1
9345	638872.47	4873912.06	328.38	0	DEN	32	16.0	27.3	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-19.1
9345	638872.47	4873912.06	328.38	0	DEN	63	24.2	27.3	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-10.9
9345	638872.47	4873912.06	328.38	0	DEN	125	30.3	27.3	0.0	0.0	0.0	57.6	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-4.9
9345	638872.47	4873912.06	328.38	0	DEN	250	35.8	27.3	0.0	0.0	0.0	57.6	0.2	1.9	0.0	0.0	3.1	0.0	0.0	0.3
9345	638872.47	4873912.06	328.38	0	DEN	500	41.2	27.3	0.0	0.0	0.0	57.6	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	5.4
9345	638872.47	4873912.06	328.38	0	DEN	1000	47.4	27.3	0.0	0.0	0.0	57.6	0.8	-1.3	0.0	0.0	6.9	0.0	0.0	10.8
9345	638872.47	4873912.06	328.38	0	DEN	2000	46.6	27.3	0.0	0.0	0.0	57.6	2.1	-1.4	0.0	0.0	7.6	0.0	0.0	8.1
9345	638872.47	4873912.06	328.38	0	DEN	4000	42.4	27.3	0.0	0.0	0.0	57.6	7.0	-1.4	0.0	0.0	8.6	0.0	0.0	-2.1
9345	638872.47	4873912.06	328.38	0	DEN	8000	39.3	27.3	0.0	0.0	0.0	57.6	24.8	-1.4	0.0	0.0	10.2	0.0	0.0	-24.7
9351	638869.61	4873917.65	328.74	1	DEN	8000	39.3	19.4	0.0	0.0	0.0	58.7	28.3	-1.3	0.0	0.0	12.9	0.0	1.0	-40.9
9364	638949.52	4873837.57	327.03	0	DEN	32	16.0	12.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-28.2
9364	638949.52	4873837.57	327.03	0	DEN	63	24.2	12.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-20.5
9364	638949.52	4873837.57	327.03	0	DEN	125	30.3	12.7	0.0	0.0	0.0	51.5	0.0	1.4	0.0	0.0	5.3	0.0	0.0	-15.3
9364	638949.52	4873837.57	327.03	0	DEN	250	35.8	12.7	0.0	0.0	0.0	51.5	0.1	2.1	0.0	0.0	5.8	0.0	0.0	-11.1
9364	638949.52	4873837.57	327.03	0	DEN	500	41.2	12.7	0.0	0.0	0.0	51.5	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-7.7
9364	638949.52	4873837.57	327.03	0	DEN	1000	47.4	12.7	0.0	0.0	0.0	51.5	0.4	-1.1	0.0	0.0	13.2	0.0	0.0	-3.9
9364	638949.52	4873837.57	327.03	0	DEN	2000	46.6	12.7	0.0	0.0	0.0	51.5	1.0	-1.1	0.0	0.0	15.8	0.0	0.0	-7.9
9364	638949.52	4873837.57	327.03	0	DEN	4000	42.4	12.7	0.0	0.0	0.0	51.5	3.5	-1.1	0.0	0.0	18.6	0.0	0.0	-17.4
9364	638949.52	4873837.57	327.03	0	DEN	8000	39.3	12.7	0.0	0.0	0.0	51.5	12.4	-1.1	0.0	0.0	21.1	0.0	0.0	-32.0
9371	638940.85	4873867.14	327.60	0	DEN	32	16.0	12.7	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-29.8
9371	638940.85	4873867.14	327.60	0	DEN	63	24.2	12.7	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-22.0
9371	638940.85	4873867.14	327.60	0	DEN	125	30.3	12.7	0.0	0.0	0.0	53.6	0.1	1.3	0.0	0.0	4.5	0.0	0.0	-16.5
9371	638940.85	4873867.14	327.60	0	DEN	250	35.8	12.7	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	4.7	0.0	0.0	-12.0
9371	638940.85	4873867.14	327.60	0	DEN	500	41.2	12.7	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	8.8	0.0	0.0	-8.0
9371	638940.85	4873867.14	327.60	0	DEN	1000	47.4	12.7	0.0	0.0	0.0	53.6	0.5	-1.2	0.0	0.0	11.0	0.0	0.0	-3.8
9371	638940.85	4873867.14	327.60	0	DEN	2000	46.6	12.7	0.0	0.0	0.0	53.6	1.3	-1.3	0.0	0.0	13.3	0.0	0.0	-7.7
9371	638940.85	4873867.14	327.60	0	DEN	4000	42.4	12.7	0.0	0.0	0.0	53.6	4.4	-1.3	0.0	0.0	15.9	0.0	0.0	-17.6
9371	638940.85	4873867.14	327.60	0	DEN	8000	39.3	12.7	0.0	0.0	0.0	53.6	15.8	-1.3	0.0	0.0	18.6	0.0	0.0	-34.9
9377	638957.20	4873809.01	326.50	0	DEN	32	16.0	12.7	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-26.2
9377	638957.20	4873809.01	326.50	0	DEN	63	24.2	12.7	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-18.8
9377	638957.20	4873809.01	326.50	0	DEN	125	30.3	12.7	0.0	0.0	0.0	49.0	0.0	1.5	0.0	0.0	6.4	0.0	0.0	-14.0
9377	638957.20	4873809.01	326.50	0	DEN	250	35.8	12.7	0.0	0.0	0.0	49.0	0.1	2.5	0.0	0.0	7.2	0.0	0.0	-10.3
9377	638957.20	4873809.01	326.50	0	DEN	500	41.2	12.7	0.0	0.0	0.0	49.0	0.2	-0.5	0.0	0.0	12.4	0.0	0.0	-7.2
9377	638957.20	4873809.01	326.50	0	DEN	1000	47.4	12.7	0.0	0.0	0.0	49.0	0.3	-0.9	0.0	0.0	15.4	0.0	0.0	-3.8
9377	638957.20	4873809.01	326.50	0	DEN	2000	46.6	12.7	0.0	0.0	0.0	49.0	0.8	-0.9	0.0	0.0	18.2	0.0	0.0	-7.8
9377	638957.20	4873809.01	326.50	0	DEN	4000	42.4	12.7	0.0	0.0	0.0	49.0	2.6	-0.9	0.0	0.0	20.9	0.0	0.0	-16.6
9377	638957.20	4873809.01	326.50	0	DEN	8000	39.3	12.7	0.0	0.0	0.0	49.0	9.3	-0.9	0.0	0.0	20.9	0.0	0.0	-26.3
9383	638952.39	4873826.35	326.83	0	DEN	32	16.0	12.7	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-27.4
9383	638952.39	4873826.35	326.83	0	DEN	63	24.2	12.7	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-19.8
9383	638952.39	4873826.35	326.83	0	DEN	125	30.3	12.7	0.0	0.0	0.0	50.6	0.0	1.2	0.0	0.0	5.8	0.0	0.0	-14.7
9383	638952.39	4873826.35	326.83	0	DEN	250	35.8	12.7	0.0	0.0	0.0	50.6	0.1	2.0	0.0	0.0	6.5	0.0	0.0	-10.8
9383	638952.39	4873826.35	326.83	0	DEN	500	41.2	12.7	0.0	0.0	0.0	50.6	0.2	-0.8	0.0	0.0	11.3	0.0	0.0	-7.5
9383	638952.39	4873826.35	326.83	0	DEN	1000	47.4	12.7	0.0	0.0	0.0	50.6	0.3	-1.1	0.0	0.0	14.0	0.0	0.0	-3.8
9383	638952.39	4873826.35	326.83	0	DEN	2000	46.6	12.7	0.0	0.0	0.0	50.6	0.9	-1.1	0.0	0.0	16.7	0.0	0.0	-7.8
9383	638952.39	4873826.35	326.83	0	DEN	4000	42.4	12.7	0.0	0.0	0.0	50.6	3.1	-1.1	0.0	0.0	19.5	0.0	0.0	-17.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9383	638952.39	4873826.35	326.83	0	DEN	8000	39.3	12.7	0.0	0.0	0.0	50.6	11.2	-1.1	0.0	0.0	21.1	0.0	0.0	-29.8
9389	638932.97	4873894.82	328.13	1	DEN	1000	47.4	-5.7	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-25.9
9389	638932.97	4873894.82	328.13	1	DEN	2000	46.6	-5.7	0.0	0.0	0.0	56.2	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-30.1
9389	638932.97	4873894.82	328.13	1	DEN	4000	42.4	-5.7	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.8	0.0	1.0	-41.0
9389	638932.97	4873894.82	328.13	1	DEN	8000	39.3	-5.7	0.0	0.0	0.0	56.2	21.1	-1.1	0.0	0.0	18.5	0.0	1.0	-62.1
9549	638942.23	4873868.35	327.56	0	DEN	32	16.0	17.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-24.8
9549	638942.23	4873868.35	327.56	0	DEN	63	24.2	17.8	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-17.0
9549	638942.23	4873868.35	327.56	0	DEN	125	30.3	17.8	0.0	0.0	0.0	53.6	0.1	1.4	0.0	0.0	4.6	0.0	0.0	-11.6
9549	638942.23	4873868.35	327.56	0	DEN	250	35.8	17.8	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	4.9	0.0	0.0	-7.1
9549	638942.23	4873868.35	327.56	0	DEN	500	41.2	17.8	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	9.1	0.0	0.0	-3.2
9549	638942.23	4873868.35	327.56	0	DEN	1000	47.4	17.8	0.0	0.0	0.0	53.6	0.5	-1.2	0.0	0.0	11.4	0.0	0.0	0.8
9549	638942.23	4873868.35	327.56	0	DEN	2000	46.6	17.8	0.0	0.0	0.0	53.6	1.3	-1.2	0.0	0.0	13.8	0.0	0.0	-3.1
9549	638942.23	4873868.35	327.56	0	DEN	4000	42.4	17.8	0.0	0.0	0.0	53.6	4.4	-1.2	0.0	0.0	16.4	0.0	0.0	-13.1
9549	638942.23	4873868.35	327.56	0	DEN	8000	39.3	17.8	0.0	0.0	0.0	53.6	15.8	-1.2	0.0	0.0	19.2	0.0	0.0	-30.4
9553	638950.26	4873842.21	327.03	0	DEN	32	16.0	17.8	0.0	0.0	0.0	51.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-23.4
9553	638950.26	4873842.21	327.03	0	DEN	63	24.2	17.8	0.0	0.0	0.0	51.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-15.8
9553	638950.26	4873842.21	327.03	0	DEN	125	30.3	17.8	0.0	0.0	0.0	51.8	0.0	1.3	0.0	0.0	5.5	0.0	0.0	-10.6
9553	638950.26	4873842.21	327.03	0	DEN	250	35.8	17.8	0.0	0.0	0.0	51.8	0.1	2.0	0.0	0.0	6.2	0.0	0.0	-6.6
9553	638950.26	4873842.21	327.03	0	DEN	500	41.2	17.8	0.0	0.0	0.0	51.8	0.2	-0.8	0.0	0.0	11.0	0.0	0.0	-3.2
9553	638950.26	4873842.21	327.03	0	DEN	1000	47.4	17.8	0.0	0.0	0.0	51.8	0.4	-1.2	0.0	0.0	13.7	0.0	0.0	0.5
9553	638950.26	4873842.21	327.03	0	DEN	2000	46.6	17.8	0.0	0.0	0.0	51.8	1.1	-1.2	0.0	0.0	16.3	0.0	0.0	-3.6
9553	638950.26	4873842.21	327.03	0	DEN	4000	42.4	17.8	0.0	0.0	0.0	51.8	3.6	-1.2	0.0	0.0	19.1	0.0	0.0	-13.1
9553	638950.26	4873842.21	327.03	0	DEN	8000	39.3	17.8	0.0	0.0	0.0	51.8	12.8	-1.2	0.0	0.0	21.2	0.0	0.0	-27.5
9560	638933.14	4873894.98	328.12	1	DEN	1000	47.4	-0.5	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-20.7
9560	638933.14	4873894.98	328.12	1	DEN	2000	46.6	-0.5	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-24.9
9560	638933.14	4873894.98	328.12	1	DEN	4000	42.4	-0.5	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.8	0.0	1.0	-35.8
9560	638933.14	4873894.98	328.12	1	DEN	8000	39.3	-0.5	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.6	0.0	1.0	-56.9
9585	638735.56	4873873.69	330.10	0	DEN	32	16.0	23.0	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-26.5
9585	638735.56	4873873.69	330.10	0	DEN	63	24.2	23.0	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-18.3
9585	638735.56	4873873.69	330.10	0	DEN	125	30.3	23.0	0.0	0.0	0.0	60.6	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-12.3
9585	638735.56	4873873.69	330.10	0	DEN	250	35.8	23.0	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-7.0
9585	638735.56	4873873.69	330.10	0	DEN	500	41.2	23.0	0.0	0.0	0.0	60.6	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-1.9
9585	638735.56	4873873.69	330.10	0	DEN	1000	47.4	23.0	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	6.9	0.0	0.0	3.6
9585	638735.56	4873873.69	330.10	0	DEN	2000	46.6	23.0	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	7.1	0.0	0.0	0.7
9585	638735.56	4873873.69	330.10	0	DEN	4000	42.4	23.0	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	7.6	0.0	0.0	-10.9
9585	638735.56	4873873.69	330.10	0	DEN	8000	39.3	23.0	0.0	0.0	0.0	60.6	35.4	-1.9	0.0	0.0	8.4	0.0	0.0	-40.3
9592	638778.98	4873880.13	329.64	0	DEN	32	16.0	20.0	0.0	0.0	0.0	59.5	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-28.4
9592	638778.98	4873880.13	329.64	0	DEN	63	24.2	20.0	0.0	0.0	0.0	59.5	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-20.2
9592	638778.98	4873880.13	329.64	0	DEN	125	30.3	20.0	0.0	0.0	0.0	59.5	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-14.2
9592	638778.98	4873880.13	329.64	0	DEN	250	35.8	20.0	0.0	0.0	0.0	59.5	0.3	1.5	0.0	0.0	3.3	0.0	0.0	-8.9
9592	638778.98	4873880.13	329.64	0	DEN	500	41.2	20.0	0.0	0.0	0.0	59.5	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	-3.8
9592	638778.98	4873880.13	329.64	0	DEN	1000	47.4	20.0	0.0	0.0	0.0	59.5	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	1.7
9592	638778.98	4873880.13	329.64	0	DEN	2000	46.6	20.0	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	7.2	0.0	0.0	-1.0
9592	638778.98	4873880.13	329.64	0	DEN	4000	42.4	20.0	0.0	0.0	0.0	59.5	8.7	-1.7	0.0	0.0	7.8	0.0	0.0	-12.0
9592	638778.98	4873880.13	329.64	0	DEN	8000	39.3	20.0	0.0	0.0	0.0	59.5	31.2	-1.7	0.0	0.0	8.8	0.0	0.0	-38.6
9599	638833.63	4873886.47	329.16	0	DEN	32	16.0	17.0	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-29.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9599	638833.63	4873886.47	329.16	0	DEN	63	24.2	17.0	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-21.7
9599	638833.63	4873886.47	329.16	0	DEN	125	30.3	17.0	0.0	0.0	0.0	58.0	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-15.7
9599	638833.63	4873886.47	329.16	0	DEN	250	35.8	17.0	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-10.4
9599	638833.63	4873886.47	329.16	0	DEN	500	41.2	17.0	0.0	0.0	0.0	58.0	0.4	-1.1	0.0	0.0	6.2	0.0	0.0	-5.4
9599	638833.63	4873886.47	329.16	0	DEN	1000	47.4	17.0	0.0	0.0	0.0	58.0	0.8	-1.5	0.0	0.0	6.8	0.0	0.0	0.2
9599	638833.63	4873886.47	329.16	0	DEN	2000	46.6	17.0	0.0	0.0	0.0	58.0	2.2	-1.5	0.0	0.0	7.3	0.0	0.0	-2.5
9599	638833.63	4873886.47	329.16	0	DEN	4000	42.4	17.0	0.0	0.0	0.0	58.0	7.3	-1.5	0.0	0.0	8.2	0.0	0.0	-12.7
9599	638833.63	4873886.47	329.16	0	DEN	8000	39.3	17.0	0.0	0.0	0.0	58.0	26.2	-1.5	0.0	0.0	9.6	0.0	0.0	-36.0
9607	638855.35	4873889.70	328.93	0	DEN	32	16.0	14.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-32.3
9607	638855.35	4873889.70	328.93	0	DEN	63	24.2	14.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.1
9607	638855.35	4873889.70	328.93	0	DEN	125	30.3	14.0	0.0	0.0	0.0	57.4	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-18.1
9607	638855.35	4873889.70	328.93	0	DEN	250	35.8	14.0	0.0	0.0	0.0	57.4	0.2	1.8	0.0	0.0	3.1	0.0	0.0	-12.8
9607	638855.35	4873889.70	328.93	0	DEN	500	41.2	14.0	0.0	0.0	0.0	57.4	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	-7.8
9607	638855.35	4873889.70	328.93	0	DEN	1000	47.4	14.0	0.0	0.0	0.0	57.4	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	-2.3
9607	638855.35	4873889.70	328.93	0	DEN	2000	46.6	14.0	0.0	0.0	0.0	57.4	2.0	-1.4	0.0	0.0	7.4	0.0	0.0	-5.0
9607	638855.35	4873889.70	328.93	0	DEN	4000	42.4	14.0	0.0	0.0	0.0	57.4	6.9	-1.4	0.0	0.0	8.4	0.0	0.0	-15.0
9607	638855.35	4873889.70	328.93	0	DEN	8000	39.3	14.0	0.0	0.0	0.0	57.4	24.4	-1.4	0.0	0.0	9.9	0.0	0.0	-37.2
9613	638892.78	4873894.24	328.58	0	DEN	32	16.0	14.0	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-31.3
9613	638892.78	4873894.24	328.58	0	DEN	63	24.2	14.0	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-23.1
9613	638892.78	4873894.24	328.58	0	DEN	125	30.3	14.0	0.0	0.0	0.0	56.4	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-17.1
9613	638892.78	4873894.24	328.58	0	DEN	250	35.8	14.0	0.0	0.0	0.0	56.4	0.2	1.9	0.0	0.0	3.2	0.0	0.0	-11.9
9613	638892.78	4873894.24	328.58	0	DEN	500	41.2	14.0	0.0	0.0	0.0	56.4	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	-6.9
9613	638892.78	4873894.24	328.58	0	DEN	1000	47.4	14.0	0.0	0.0	0.0	56.4	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	-1.5
9613	638892.78	4873894.24	328.58	0	DEN	2000	46.6	14.0	0.0	0.0	0.0	56.4	1.8	-1.3	0.0	0.0	7.9	0.0	0.0	-4.2
9613	638892.78	4873894.24	328.58	0	DEN	4000	42.4	14.0	0.0	0.0	0.0	56.4	6.1	-1.3	0.0	0.0	9.2	0.0	0.0	-14.0
9613	638892.78	4873894.24	328.58	0	DEN	8000	39.3	14.0	0.0	0.0	0.0	56.4	21.7	-1.3	0.0	0.0	11.0	0.0	0.0	-34.5
9656	638750.02	4873878.28	330.01	0	DEN	32	16.0	22.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-26.5
9656	638750.02	4873878.28	330.01	0	DEN	63	24.2	22.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-18.3
9656	638750.02	4873878.28	330.01	0	DEN	125	30.3	22.6	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-12.3
9656	638750.02	4873878.28	330.01	0	DEN	250	35.8	22.6	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.4	0.0	0.0	-7.0
9656	638750.02	4873878.28	330.01	0	DEN	500	41.2	22.6	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-2.0
9656	638750.02	4873878.28	330.01	0	DEN	1000	47.4	22.6	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	3.6
9656	638750.02	4873878.28	330.01	0	DEN	2000	46.6	22.6	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.1	0.0	0.0	0.8
9656	638750.02	4873878.28	330.01	0	DEN	4000	42.4	22.6	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.6	0.0	0.0	-10.7
9656	638750.02	4873878.28	330.01	0	DEN	8000	39.3	22.6	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	8.5	0.0	0.0	-39.2
9661	638790.19	4873883.70	329.72	0	DEN	32	16.0	19.6	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.3	0.0	0.0	-28.5
9661	638790.19	4873883.70	329.72	0	DEN	63	24.2	19.6	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-20.3
9661	638790.19	4873883.70	329.72	0	DEN	125	30.3	19.6	0.0	0.0	0.0	59.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-14.3
9661	638790.19	4873883.70	329.72	0	DEN	250	35.8	19.6	0.0	0.0	0.0	59.3	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-9.0
9661	638790.19	4873883.70	329.72	0	DEN	500	41.2	19.6	0.0	0.0	0.0	59.3	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	-3.9
9661	638790.19	4873883.70	329.72	0	DEN	1000	47.4	19.6	0.0	0.0	0.0	59.3	0.9	-1.7	0.0	0.0	6.8	0.0	0.0	1.6
9661	638790.19	4873883.70	329.72	0	DEN	2000	46.6	19.6	0.0	0.0	0.0	59.3	2.5	-1.7	0.0	0.0	7.2	0.0	0.0	-1.1
9661	638790.19	4873883.70	329.72	0	DEN	4000	42.4	19.6	0.0	0.0	0.0	59.3	8.5	-1.7	0.0	0.0	7.8	0.0	0.0	-11.9
9661	638790.19	4873883.70	329.72	0	DEN	8000	39.3	19.6	0.0	0.0	0.0	59.3	30.3	-1.7	0.0	0.0	8.8	0.0	0.0	-37.8
9668	638840.86	4873888.77	329.11	0	DEN	32	16.0	16.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-30.0
9668	638840.86	4873888.77	329.11	0	DEN	63	24.2	16.6	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-21.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9668	638840.86	4873888.77	329.11	0	DEN	125	30.3	16.6	0.0	0.0	0.0	57.8	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-15.9
9668	638840.86	4873888.77	329.11	0	DEN	250	35.8	16.6	0.0	0.0	0.0	57.8	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-10.6
9668	638840.86	4873888.77	329.11	0	DEN	500	41.2	16.6	0.0	0.0	0.0	57.8	0.4	-1.1	0.0	0.0	6.1	0.0	0.0	-5.6
9668	638840.86	4873888.77	329.11	0	DEN	1000	47.4	16.6	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	-0.0
9668	638840.86	4873888.77	329.11	0	DEN	2000	46.6	16.6	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	-2.7
9668	638840.86	4873888.77	329.11	0	DEN	4000	42.4	16.6	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	8.2	0.0	0.0	-12.8
9668	638840.86	4873888.77	329.11	0	DEN	8000	39.3	16.6	0.0	0.0	0.0	57.8	25.7	-1.4	0.0	0.0	9.6	0.0	0.0	-35.8
9676	638860.95	4873891.48	328.97	0	DEN	32	16.0	13.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-32.5
9676	638860.95	4873891.48	328.97	0	DEN	63	24.2	13.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.3
9676	638860.95	4873891.48	328.97	0	DEN	125	30.3	13.6	0.0	0.0	0.0	57.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-18.4
9676	638860.95	4873891.48	328.97	0	DEN	250	35.8	13.6	0.0	0.0	0.0	57.3	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-13.1
9676	638860.95	4873891.48	328.97	0	DEN	500	41.2	13.6	0.0	0.0	0.0	57.3	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	-8.0
9676	638860.95	4873891.48	328.97	0	DEN	1000	47.4	13.6	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	6.8	0.0	0.0	-2.5
9676	638860.95	4873891.48	328.97	0	DEN	2000	46.6	13.6	0.0	0.0	0.0	57.3	2.0	-1.4	0.0	0.0	7.4	0.0	0.0	-5.2
9676	638860.95	4873891.48	328.97	0	DEN	4000	42.4	13.6	0.0	0.0	0.0	57.3	6.8	-1.4	0.0	0.0	8.4	0.0	0.0	-15.1
9676	638860.95	4873891.48	328.97	0	DEN	8000	39.3	13.6	0.0	0.0	0.0	57.3	24.1	-1.4	0.0	0.0	9.9	0.0	0.0	-37.0
9684	638895.64	4873895.15	328.58	0	DEN	32	16.0	13.6	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-31.6
9684	638895.64	4873895.15	328.58	0	DEN	63	24.2	13.6	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-23.4
9684	638895.64	4873895.15	328.58	0	DEN	125	30.3	13.6	0.0	0.0	0.0	56.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-17.4
9684	638895.64	4873895.15	328.58	0	DEN	250	35.8	13.6	0.0	0.0	0.0	56.3	0.2	1.9	0.0	0.0	3.2	0.0	0.0	-12.2
9684	638895.64	4873895.15	328.58	0	DEN	500	41.2	13.6	0.0	0.0	0.0	56.3	0.4	-0.9	0.0	0.0	6.3	0.0	0.0	-7.2
9684	638895.64	4873895.15	328.58	0	DEN	1000	47.4	13.6	0.0	0.0	0.0	56.3	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	-1.8
9684	638895.64	4873895.15	328.58	0	DEN	2000	46.6	13.6	0.0	0.0	0.0	56.3	1.8	-1.3	0.0	0.0	8.0	0.0	0.0	-4.6
9684	638895.64	4873895.15	328.58	0	DEN	4000	42.4	13.6	0.0	0.0	0.0	56.3	6.1	-1.3	0.0	0.0	9.2	0.0	0.0	-14.3
9684	638895.64	4873895.15	328.58	0	DEN	8000	39.3	13.6	0.0	0.0	0.0	56.3	21.6	-1.3	0.0	0.0	11.1	0.0	0.0	-34.8
9756	638951.36	4873827.61	326.87	0	DEN	32	16.0	4.4	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-35.7
9756	638951.36	4873827.61	326.87	0	DEN	63	24.2	4.4	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-28.1
9756	638951.36	4873827.61	326.87	0	DEN	125	30.3	4.4	0.0	0.0	0.0	50.7	0.0	1.2	0.0	0.0	5.7	0.0	0.0	-23.0
9756	638951.36	4873827.61	326.87	0	DEN	250	35.8	4.4	0.0	0.0	0.0	50.7	0.1	2.0	0.0	0.0	6.3	0.0	0.0	-18.9
9756	638951.36	4873827.61	326.87	0	DEN	500	41.2	4.4	0.0	0.0	0.0	50.7	0.2	-0.8	0.0	0.0	11.0	0.0	0.0	-15.5
9756	638951.36	4873827.61	326.87	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	50.7	0.4	-1.2	0.0	0.0	13.7	0.0	0.0	-11.8
9756	638951.36	4873827.61	326.87	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	50.7	0.9	-1.2	0.0	0.0	16.3	0.0	0.0	-15.9
9756	638951.36	4873827.61	326.87	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	50.7	3.2	-1.2	0.0	0.0	19.1	0.0	0.0	-25.1
9756	638951.36	4873827.61	326.87	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	50.7	11.3	-1.2	0.0	0.0	21.2	0.0	0.0	-38.4
9763	638955.88	4873811.80	326.57	0	DEN	32	16.0	4.4	0.0	0.0	0.0	49.3	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-34.6
9763	638955.88	4873811.80	326.57	0	DEN	63	24.2	4.4	0.0	0.0	0.0	49.3	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-27.2
9763	638955.88	4873811.80	326.57	0	DEN	125	30.3	4.4	0.0	0.0	0.0	49.3	0.0	1.4	0.0	0.0	6.2	0.0	0.0	-22.3
9763	638955.88	4873811.80	326.57	0	DEN	250	35.8	4.4	0.0	0.0	0.0	49.3	0.1	2.4	0.0	0.0	6.9	0.0	0.0	-18.5
9763	638955.88	4873811.80	326.57	0	DEN	500	41.2	4.4	0.0	0.0	0.0	49.3	0.2	-0.5	0.0	0.0	12.0	0.0	0.0	-15.4
9763	638955.88	4873811.80	326.57	0	DEN	1000	47.4	4.4	0.0	0.0	0.0	49.3	0.3	-1.0	0.0	0.0	15.0	0.0	0.0	-11.8
9763	638955.88	4873811.80	326.57	0	DEN	2000	46.6	4.4	0.0	0.0	0.0	49.3	0.8	-1.0	0.0	0.0	17.7	0.0	0.0	-15.9
9763	638955.88	4873811.80	326.57	0	DEN	4000	42.4	4.4	0.0	0.0	0.0	49.3	2.7	-1.0	0.0	0.0	20.6	0.0	0.0	-24.8
9763	638955.88	4873811.80	326.57	0	DEN	8000	39.3	4.4	0.0	0.0	0.0	49.3	9.6	-1.0	0.0	0.0	21.0	0.0	0.0	-35.2
9770	638948.81	4873837.04	327.05	0	DEN	32	16.0	7.4	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-33.4
9770	638948.81	4873837.04	327.05	0	DEN	63	24.2	7.4	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-25.7
9770	638948.81	4873837.04	327.05	0	DEN	125	30.3	7.4	0.0	0.0	0.0	51.5	0.0	1.3	0.0	0.0	5.2	0.0	0.0	-20.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9770	638948.81	4873837.04	327.05	0	DEN	250	35.8	7.4	0.0	0.0	0.0	51.5	0.1	2.1	0.0	0.0	5.7	0.0	0.0	-16.2
9770	638948.81	4873837.04	327.05	0	DEN	500	41.2	7.4	0.0	0.0	0.0	51.5	0.2	-0.8	0.0	0.0	10.3	0.0	0.0	-12.7
9770	638948.81	4873837.04	327.05	0	DEN	1000	47.4	7.4	0.0	0.0	0.0	51.5	0.4	-1.1	0.0	0.0	12.9	0.0	0.0	-8.9
9770	638948.81	4873837.04	327.05	0	DEN	2000	46.6	7.4	0.0	0.0	0.0	51.5	1.0	-1.2	0.0	0.0	15.5	0.0	0.0	-12.9
9770	638948.81	4873837.04	327.05	0	DEN	4000	42.4	7.4	0.0	0.0	0.0	51.5	3.5	-1.2	0.0	0.0	18.3	0.0	0.0	-22.3
9770	638948.81	4873837.04	327.05	0	DEN	8000	39.3	7.4	0.0	0.0	0.0	51.5	12.4	-1.2	0.0	0.0	21.2	0.0	0.0	-37.2
9777	638941.60	4873863.05	327.54	0	DEN	32	16.0	10.4	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-32.0
9777	638941.60	4873863.05	327.54	0	DEN	63	24.2	10.4	0.0	0.0	0.0	53.4	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-24.1
9777	638941.60	4873863.05	327.54	0	DEN	125	30.3	10.4	0.0	0.0	0.0	53.4	0.1	1.3	0.0	0.0	4.6	0.0	0.0	-18.6
9777	638941.60	4873863.05	327.54	0	DEN	250	35.8	10.4	0.0	0.0	0.0	53.4	0.1	1.9	0.0	0.0	4.9	0.0	0.0	-14.0
9777	638941.60	4873863.05	327.54	0	DEN	500	41.2	10.4	0.0	0.0	0.0	53.4	0.3	-0.9	0.0	0.0	9.0	0.0	0.0	-10.1
9777	638941.60	4873863.05	327.54	0	DEN	1000	47.4	10.4	0.0	0.0	0.0	53.4	0.5	-1.3	0.0	0.0	11.2	0.0	0.0	-6.0
9777	638941.60	4873863.05	327.54	0	DEN	2000	46.6	10.4	0.0	0.0	0.0	53.4	1.3	-1.3	0.0	0.0	13.5	0.0	0.0	-9.8
9777	638941.60	4873863.05	327.54	0	DEN	4000	42.4	10.4	0.0	0.0	0.0	53.4	4.3	-1.3	0.0	0.0	16.1	0.0	0.0	-19.7
9777	638941.60	4873863.05	327.54	0	DEN	8000	39.3	10.4	0.0	0.0	0.0	53.4	15.4	-1.3	0.0	0.0	18.9	0.0	0.0	-36.6
9783	638959.13	4873798.54	326.34	0	DEN	32	16.0	10.4	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-27.5
9783	638959.13	4873798.54	326.34	0	DEN	63	24.2	10.4	0.0	0.0	0.0	48.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-20.3
9783	638959.13	4873798.54	326.34	0	DEN	125	30.3	10.4	0.0	0.0	0.0	48.0	0.0	1.2	0.0	0.0	7.1	0.0	0.0	-15.6
9783	638959.13	4873798.54	326.34	0	DEN	250	35.8	10.4	0.0	0.0	0.0	48.0	0.1	2.1	0.0	0.0	8.0	0.0	0.0	-12.0
9783	638959.13	4873798.54	326.34	0	DEN	500	41.2	10.4	0.0	0.0	0.0	48.0	0.1	-0.6	0.0	0.0	13.1	0.0	0.0	-9.0
9783	638959.13	4873798.54	326.34	0	DEN	1000	47.4	10.4	0.0	0.0	0.0	48.0	0.3	-1.0	0.0	0.0	16.1	0.0	0.0	-5.5
9783	638959.13	4873798.54	326.34	0	DEN	2000	46.6	10.4	0.0	0.0	0.0	48.0	0.7	-1.0	0.0	0.0	18.9	0.0	0.0	-9.6
9783	638959.13	4873798.54	326.34	0	DEN	4000	42.4	10.4	0.0	0.0	0.0	48.0	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-17.5
9783	638959.13	4873798.54	326.34	0	DEN	8000	39.3	10.4	0.0	0.0	0.0	48.0	8.3	-1.0	0.0	0.0	21.0	0.0	0.0	-26.6
9790	638956.30	4873809.51	326.54	0	DEN	32	16.0	7.4	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-31.4
9790	638956.30	4873809.51	326.54	0	DEN	63	24.2	7.4	0.0	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-24.0
9790	638956.30	4873809.51	326.54	0	DEN	125	30.3	7.4	0.0	0.0	0.0	49.1	0.0	1.5	0.0	0.0	6.2	0.0	0.0	-19.1
9790	638956.30	4873809.51	326.54	0	DEN	250	35.8	7.4	0.0	0.0	0.0	49.1	0.1	2.5	0.0	0.0	7.0	0.0	0.0	-15.4
9790	638956.30	4873809.51	326.54	0	DEN	500	41.2	7.4	0.0	0.0	0.0	49.1	0.2	-0.5	0.0	0.0	12.1	0.0	0.0	-12.3
9790	638956.30	4873809.51	326.54	0	DEN	1000	47.4	7.4	0.0	0.0	0.0	49.1	0.3	-0.9	0.0	0.0	15.1	0.0	0.0	-8.7
9790	638956.30	4873809.51	326.54	0	DEN	2000	46.6	7.4	0.0	0.0	0.0	49.1	0.8	-1.0	0.0	0.0	17.8	0.0	0.0	-12.8
9790	638956.30	4873809.51	326.54	0	DEN	4000	42.4	7.4	0.0	0.0	0.0	49.1	2.6	-1.0	0.0	0.0	20.7	0.0	0.0	-21.7
9790	638956.30	4873809.51	326.54	0	DEN	8000	39.3	7.4	0.0	0.0	0.0	49.1	9.4	-1.0	0.0	0.0	21.0	0.0	0.0	-31.8
9798	638951.78	4873825.31	326.84	0	DEN	32	16.0	7.4	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-32.6
9798	638951.78	4873825.31	326.84	0	DEN	63	24.2	7.4	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-25.0
9798	638951.78	4873825.31	326.84	0	DEN	125	30.3	7.4	0.0	0.0	0.0	50.6	0.0	1.2	0.0	0.0	5.7	0.0	0.0	-19.8
9798	638951.78	4873825.31	326.84	0	DEN	250	35.8	7.4	0.0	0.0	0.0	50.6	0.1	2.0	0.0	0.0	6.3	0.0	0.0	-15.8
9798	638951.78	4873825.31	326.84	0	DEN	500	41.2	7.4	0.0	0.0	0.0	50.6	0.2	-0.8	0.0	0.0	11.1	0.0	0.0	-12.4
9798	638951.78	4873825.31	326.84	0	DEN	1000	47.4	7.4	0.0	0.0	0.0	50.6	0.3	-1.1	0.0	0.0	13.8	0.0	0.0	-8.8
9798	638951.78	4873825.31	326.84	0	DEN	2000	46.6	7.4	0.0	0.0	0.0	50.6	0.9	-1.1	0.0	0.0	16.5	0.0	0.0	-12.8
9798	638951.78	4873825.31	326.84	0	DEN	4000	42.4	7.4	0.0	0.0	0.0	50.6	3.1	-1.1	0.0	0.0	19.3	0.0	0.0	-22.0
9798	638951.78	4873825.31	326.84	0	DEN	8000	39.3	7.4	0.0	0.0	0.0	50.6	11.1	-1.1	0.0	0.0	21.1	0.0	0.0	-35.0
9804	638932.93	4873894.78	328.13	1	DEN	1000	47.4	-8.9	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-29.1
9804	638932.93	4873894.78	328.13	1	DEN	2000	46.6	-8.9	0.0	0.0	0.0	56.2	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-33.3
9804	638932.93	4873894.78	328.13	1	DEN	4000	42.4	-8.9	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-44.2
9804	638932.93	4873894.78	328.13	1	DEN	8000	39.3	-8.9	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-65.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9822	638763.15	4873882.46	330.06	0	DEN	32	16.0	22.1	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.5	0.0	0.0	-26.7
9822	638763.15	4873882.46	330.06	0	DEN	63	24.2	22.1	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-18.5
9822	638763.15	4873882.46	330.06	0	DEN	125	30.3	22.1	0.0	0.0	0.0	60.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-12.5
9822	638763.15	4873882.46	330.06	0	DEN	250	35.8	22.1	0.0	0.0	0.0	60.0	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-7.2
9822	638763.15	4873882.46	330.06	0	DEN	500	41.2	22.1	0.0	0.0	0.0	60.0	0.5	-1.4	0.0	0.0	6.3	0.0	0.0	-2.2
9822	638763.15	4873882.46	330.06	0	DEN	1000	47.4	22.1	0.0	0.0	0.0	60.0	1.0	-1.8	0.0	0.0	6.8	0.0	0.0	3.4
9822	638763.15	4873882.46	330.06	0	DEN	2000	46.6	22.1	0.0	0.0	0.0	60.0	2.7	-1.8	0.0	0.0	7.1	0.0	0.0	0.6
9822	638763.15	4873882.46	330.06	0	DEN	4000	42.4	22.1	0.0	0.0	0.0	60.0	9.2	-1.8	0.0	0.0	7.6	0.0	0.0	-10.6
9822	638763.15	4873882.46	330.06	0	DEN	8000	39.3	22.1	0.0	0.0	0.0	60.0	33.0	-1.8	0.0	0.0	8.5	0.0	0.0	-38.2
9828	638800.30	4873886.91	329.63	0	DEN	32	16.0	19.1	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-28.7
9828	638800.30	4873886.91	329.63	0	DEN	63	24.2	19.1	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-20.5
9828	638800.30	4873886.91	329.63	0	DEN	125	30.3	19.1	0.0	0.0	0.0	59.0	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-14.5
9828	638800.30	4873886.91	329.63	0	DEN	250	35.8	19.1	0.0	0.0	0.0	59.0	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-9.3
9828	638800.30	4873886.91	329.63	0	DEN	500	41.2	19.1	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	-4.2
9828	638800.30	4873886.91	329.63	0	DEN	1000	47.4	19.1	0.0	0.0	0.0	59.0	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	1.4
9828	638800.30	4873886.91	329.63	0	DEN	2000	46.6	19.1	0.0	0.0	0.0	59.0	2.4	-1.6	0.0	0.0	7.2	0.0	0.0	-1.3
9828	638800.30	4873886.91	329.63	0	DEN	4000	42.4	19.1	0.0	0.0	0.0	59.0	8.3	-1.6	0.0	0.0	7.8	0.0	0.0	-12.0
9828	638800.30	4873886.91	329.63	0	DEN	8000	39.3	19.1	0.0	0.0	0.0	59.0	29.4	-1.6	0.0	0.0	8.9	0.0	0.0	-37.3
9834	638847.43	4873890.86	329.14	0	DEN	32	16.0	16.1	0.0	0.0	0.0	57.7	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-30.4
9834	638847.43	4873890.86	329.14	0	DEN	63	24.2	16.1	0.0	0.0	0.0	57.7	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-22.2
9834	638847.43	4873890.86	329.14	0	DEN	125	30.3	16.1	0.0	0.0	0.0	57.7	0.1	1.2	0.0	0.0	3.6	0.0	0.0	-16.2
9834	638847.43	4873890.86	329.14	0	DEN	250	35.8	16.1	0.0	0.0	0.0	57.7	0.2	1.8	0.0	0.0	3.1	0.0	0.0	-10.9
9834	638847.43	4873890.86	329.14	0	DEN	500	41.2	16.1	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	-5.9
9834	638847.43	4873890.86	329.14	0	DEN	1000	47.4	16.1	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	-0.4
9834	638847.43	4873890.86	329.14	0	DEN	2000	46.6	16.1	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	-3.0
9834	638847.43	4873890.86	329.14	0	DEN	4000	42.4	16.1	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	8.2	0.0	0.0	-13.1
9834	638847.43	4873890.86	329.14	0	DEN	8000	39.3	16.1	0.0	0.0	0.0	57.7	25.2	-1.4	0.0	0.0	9.6	0.0	0.0	-35.7
9841	638866.01	4873893.08	328.92	0	DEN	32	16.0	13.1	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-32.9
9841	638866.01	4873893.08	328.92	0	DEN	63	24.2	13.1	0.0	0.0	0.0	57.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-24.7
9841	638866.01	4873893.08	328.92	0	DEN	125	30.3	13.1	0.0	0.0	0.0	57.2	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-18.7
9841	638866.01	4873893.08	328.92	0	DEN	250	35.8	13.1	0.0	0.0	0.0	57.2	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-13.5
9841	638866.01	4873893.08	328.92	0	DEN	500	41.2	13.1	0.0	0.0	0.0	57.2	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	-8.4
9841	638866.01	4873893.08	328.92	0	DEN	1000	47.4	13.1	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	-2.9
9841	638866.01	4873893.08	328.92	0	DEN	2000	46.6	13.1	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	7.4	0.0	0.0	-5.6
9841	638866.01	4873893.08	328.92	0	DEN	4000	42.4	13.1	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	8.5	0.0	0.0	-15.5
9841	638866.01	4873893.08	328.92	0	DEN	8000	39.3	13.1	0.0	0.0	0.0	57.2	23.8	-1.3	0.0	0.0	10.0	0.0	0.0	-37.2
9847	638898.24	4873895.97	328.58	0	DEN	32	16.0	13.1	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-32.0
9847	638898.24	4873895.97	328.58	0	DEN	63	24.2	13.1	0.0	0.0	0.0	56.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-23.9
9847	638898.24	4873895.97	328.58	0	DEN	125	30.3	13.1	0.0	0.0	0.0	56.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-17.9
9847	638898.24	4873895.97	328.58	0	DEN	250	35.8	13.1	0.0	0.0	0.0	56.3	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-12.6
9847	638898.24	4873895.97	328.58	0	DEN	500	41.2	13.1	0.0	0.0	0.0	56.3	0.4	-0.9	0.0	0.0	6.3	0.0	0.0	-7.7
9847	638898.24	4873895.97	328.58	0	DEN	1000	47.4	13.1	0.0	0.0	0.0	56.3	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	-2.3
9847	638898.24	4873895.97	328.58	0	DEN	2000	46.6	13.1	0.0	0.0	0.0	56.3	1.8	-1.3	0.0	0.0	8.0	0.0	0.0	-5.0
9847	638898.24	4873895.97	328.58	0	DEN	4000	42.4	13.1	0.0	0.0	0.0	56.3	6.0	-1.3	0.0	0.0	9.3	0.0	0.0	-14.8
9847	638898.24	4873895.97	328.58	0	DEN	8000	39.3	13.1	0.0	0.0	0.0	56.3	21.5	-1.3	0.0	0.0	11.1	0.0	0.0	-35.1
9932	638733.81	4873538.84	324.34	0	DEN	32	16.0	30.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-19.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9932	638733.81	4873538.84	324.34	0	DEN	63	24.2	30.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-11.7
9932	638733.81	4873538.84	324.34	0	DEN	125	30.3	30.9	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-5.7
9932	638733.81	4873538.84	324.34	0	DEN	250	35.8	30.9	0.0	0.0	0.0	61.9	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-0.5
9932	638733.81	4873538.84	324.34	0	DEN	500	41.2	30.9	0.0	0.0	0.0	61.9	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	4.5
9932	638733.81	4873538.84	324.34	0	DEN	1000	47.4	30.9	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	9.8
9932	638733.81	4873538.84	324.34	0	DEN	2000	46.6	30.9	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.6	0.0	0.0	6.5
9932	638733.81	4873538.84	324.34	0	DEN	4000	42.4	30.9	0.0	0.0	0.0	61.9	11.6	-2.0	0.0	0.0	8.4	0.0	0.0	-6.6
9932	638733.81	4873538.84	324.34	0	DEN	8000	39.3	30.9	0.0	0.0	0.0	61.9	41.2	-2.0	0.0	0.0	9.5	0.0	0.0	-40.5
9955	638961.97	4873768.03	325.93	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-37.4
9955	638961.97	4873768.03	325.93	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-30.3
9955	638961.97	4873768.03	325.93	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	45.6	0.0	0.9	0.0	0.0	7.7	0.0	0.0	-25.6
9955	638961.97	4873768.03	325.93	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	45.6	0.1	1.7	0.0	0.0	8.8	0.0	0.0	-22.2
9955	638961.97	4873768.03	325.93	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	13.6	0.0	0.0	-19.2
9955	638961.97	4873768.03	325.93	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	45.6	0.2	-1.0	0.0	0.0	16.6	0.0	0.0	-15.8
9955	638961.97	4873768.03	325.93	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	45.6	0.5	-1.0	0.0	0.0	19.4	0.0	0.0	-19.7
9955	638961.97	4873768.03	325.93	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	45.6	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-26.7
9955	638961.97	4873768.03	325.93	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	45.6	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-34.4
9961	638965.90	4873751.06	325.63	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-36.9
9961	638965.90	4873751.06	325.63	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	10.7	0.0	0.0	-29.9
9961	638965.90	4873751.06	325.63	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.6	0.0	0.6	0.0	0.0	8.8	0.0	0.0	-25.5
9961	638965.90	4873751.06	325.63	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.6	0.1	1.4	0.0	0.0	10.3	0.0	0.0	-22.3
9961	638965.90	4873751.06	325.63	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.6	0.1	-0.8	0.0	0.0	15.0	0.0	0.0	-19.5
9961	638965.90	4873751.06	325.63	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.6	0.2	-1.1	0.0	0.0	18.0	0.0	0.0	-16.1
9961	638965.90	4873751.06	325.63	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.6	0.5	-1.1	0.0	0.0	20.9	0.0	0.0	-20.1
9961	638965.90	4873751.06	325.63	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.6	1.6	-1.1	0.0	0.0	21.1	0.0	0.0	-25.5
9961	638965.90	4873751.06	325.63	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.6	5.6	-1.1	0.0	0.0	21.1	0.0	0.0	-32.7
9968	638969.81	4873734.28	325.33	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-37.1
9968	638969.81	4873734.28	325.33	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-30.3
9968	638969.81	4873734.28	325.33	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.6	0.0	0.9	0.0	0.0	9.1	0.0	0.0	-26.1
9968	638969.81	4873734.28	325.33	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.6	0.0	1.7	0.0	0.0	10.6	0.0	0.0	-22.9
9968	638969.81	4873734.28	325.33	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.6	0.1	-0.6	0.0	0.0	15.5	0.0	0.0	-20.2
9968	638969.81	4873734.28	325.33	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.6	0.2	-1.0	0.0	0.0	18.7	0.0	0.0	-16.8
9968	638969.81	4873734.28	325.33	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.6	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.2
9968	638969.81	4873734.28	325.33	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.6	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
9968	638969.81	4873734.28	325.33	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.6	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-32.6
9976	638973.81	4873716.95	325.03	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-37.8
9976	638973.81	4873716.95	325.03	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-30.8
9976	638973.81	4873716.95	325.03	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	45.6	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-26.4
9976	638973.81	4873716.95	325.03	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	45.6	0.1	1.8	0.0	0.0	9.7	0.0	0.0	-23.1
9976	638973.81	4873716.95	325.03	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	45.6	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-20.3
9976	638973.81	4873716.95	325.03	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	45.6	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	-16.9
9976	638973.81	4873716.95	325.03	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	45.6	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-20.9
9976	638973.81	4873716.95	325.03	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	45.6	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-26.8
9976	638973.81	4873716.95	325.03	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	45.6	6.3	-1.0	0.0	0.0	21.0	0.0	0.0	-34.4
9983	638957.86	4873785.90	326.24	0	DEN	32	16.0	1.3	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-35.7
9983	638957.86	4873785.90	326.24	0	DEN	63	24.2	1.3	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-28.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9983	638957.86	4873785.90	326.24	0	DEN	125	30.3	1.3	0.0	0.0	0.0	47.2	0.0	1.2	0.0	0.0	6.7	0.0	0.0	-23.6
9983	638957.86	4873785.90	326.24	0	DEN	250	35.8	1.3	0.0	0.0	0.0	47.2	0.1	2.1	0.0	0.0	7.6	0.0	0.0	-19.9
9983	638957.86	4873785.90	326.24	0	DEN	500	41.2	1.3	0.0	0.0	0.0	47.2	0.1	-0.6	0.0	0.0	12.5	0.0	0.0	-16.8
9983	638957.86	4873785.90	326.24	0	DEN	1000	47.4	1.3	0.0	0.0	0.0	47.2	0.2	-1.0	0.0	0.0	15.4	0.0	0.0	-13.3
9983	638957.86	4873785.90	326.24	0	DEN	2000	46.6	1.3	0.0	0.0	0.0	47.2	0.6	-1.0	0.0	0.0	18.2	0.0	0.0	-17.2
9983	638957.86	4873785.90	326.24	0	DEN	4000	42.4	1.3	0.0	0.0	0.0	47.2	2.1	-1.0	0.0	0.0	21.0	0.0	0.0	-25.7
9983	638957.86	4873785.90	326.24	0	DEN	8000	39.3	1.3	0.0	0.0	0.0	47.2	7.6	-1.0	0.0	0.0	21.0	0.0	0.0	-34.2
9990	638959.93	4873776.87	326.08	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-38.1
9990	638959.93	4873776.87	326.08	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-30.8
9990	638959.93	4873776.87	326.08	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	46.4	0.0	0.9	0.0	0.0	7.3	0.0	0.0	-26.1
9990	638959.93	4873776.87	326.08	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	46.4	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-22.5
9990	638959.93	4873776.87	326.08	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	46.4	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-19.5
9990	638959.93	4873776.87	326.08	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	46.4	0.2	-1.1	0.0	0.0	16.1	0.0	0.0	-16.0
9990	638959.93	4873776.87	326.08	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	46.4	0.6	-1.1	0.0	0.0	18.9	0.0	0.0	-20.0
9990	638959.93	4873776.87	326.08	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	46.4	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-27.7
9990	638959.93	4873776.87	326.08	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	46.4	6.9	-1.1	0.0	0.0	21.1	0.0	0.0	-35.7
9997	638963.80	4873760.27	325.78	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-37.1
9997	638963.80	4873760.27	325.78	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-30.0
9997	638963.80	4873760.27	325.78	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-25.5
9997	638963.80	4873760.27	325.78	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-22.2
9997	638963.80	4873760.27	325.78	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	45.1	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-19.3
9997	638963.80	4873760.27	325.78	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-15.9
9997	638963.80	4873760.27	325.78	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-19.8
9997	638963.80	4873760.27	325.78	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
9997	638963.80	4873760.27	325.78	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-33.4
0003	638953.96	4873802.68	326.54	0	DEN	32	16.0	1.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-37.1
0003	638953.96	4873802.68	326.54	0	DEN	63	24.2	1.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-29.5
0003	638953.96	4873802.68	326.54	0	DEN	125	30.3	1.3	0.0	0.0	0.0	48.8	0.0	1.2	0.0	0.0	6.1	0.0	0.0	-24.5
0003	638953.96	4873802.68	326.54	0	DEN	250	35.8	1.3	0.0	0.0	0.0	48.8	0.1	2.1	0.0	0.0	6.7	0.0	0.0	-20.6
0003	638953.96	4873802.68	326.54	0	DEN	500	41.2	1.3	0.0	0.0	0.0	48.8	0.1	-0.7	0.0	0.0	11.5	0.0	0.0	-17.3
0003	638953.96	4873802.68	326.54	0	DEN	1000	47.4	1.3	0.0	0.0	0.0	48.8	0.3	-1.1	0.0	0.0	14.4	0.0	0.0	-13.7
0003	638953.96	4873802.68	326.54	0	DEN	2000	46.6	1.3	0.0	0.0	0.0	48.8	0.7	-1.1	0.0	0.0	17.1	0.0	0.0	-17.7
0003	638953.96	4873802.68	326.54	0	DEN	4000	42.4	1.3	0.0	0.0	0.0	48.8	2.5	-1.1	0.0	0.0	19.9	0.0	0.0	-26.5
0003	638953.96	4873802.68	326.54	0	DEN	8000	39.3	1.3	0.0	0.0	0.0	48.8	9.1	-1.1	0.0	0.0	21.1	0.0	0.0	-37.3
0010	638951.86	4873811.89	326.69	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-40.8
0010	638951.86	4873811.89	326.69	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-33.2
0010	638951.86	4873811.89	326.69	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	49.6	0.0	1.3	0.0	0.0	5.6	0.0	0.0	-28.0
0010	638951.86	4873811.89	326.69	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	49.6	0.1	2.3	0.0	0.0	6.1	0.0	0.0	-24.0
0010	638951.86	4873811.89	326.69	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	49.6	0.2	-0.6	0.0	0.0	10.9	0.0	0.0	-20.6
0010	638951.86	4873811.89	326.69	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	49.6	0.3	-1.0	0.0	0.0	13.7	0.0	0.0	-17.0
0010	638951.86	4873811.89	326.69	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	49.6	0.8	-1.0	0.0	0.0	16.4	0.0	0.0	-20.9
0010	638951.86	4873811.89	326.69	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	49.6	2.8	-1.0	0.0	0.0	19.2	0.0	0.0	-29.9
0010	638951.86	4873811.89	326.69	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	49.6	10.0	-1.0	0.0	0.0	21.0	0.0	0.0	-42.0
0017	638947.92	4873828.86	326.99	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-42.0
0017	638947.92	4873828.86	326.99	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-34.3
0017	638947.92	4873828.86	326.99	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	51.0	0.0	1.1	0.0	0.0	5.3	0.0	0.0	-28.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0017	638947.92	4873828.86	326.99	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	51.0	0.1	1.9	0.0	0.0	5.8	0.0	0.0	-24.7
0017	638947.92	4873828.86	326.99	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	10.2	0.0	0.0	-21.1
0017	638947.92	4873828.86	326.99	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	12.7	0.0	0.0	-17.3
0017	638947.92	4873828.86	326.99	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	15.3	0.0	0.0	-21.2
0017	638947.92	4873828.86	326.99	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	18.0	0.0	0.0	-30.4
0017	638947.92	4873828.86	326.99	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	51.0	11.7	-1.2	0.0	0.0	20.9	0.0	0.0	-44.9
0024	638949.79	4873820.92	326.85	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-41.5
0024	638949.79	4873820.92	326.85	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	50.4	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-33.8
0024	638949.79	4873820.92	326.85	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	50.4	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-28.5
0024	638949.79	4873820.92	326.85	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	50.4	0.1	2.1	0.0	0.0	5.8	0.0	0.0	-24.4
0024	638949.79	4873820.92	326.85	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	50.4	0.2	-0.7	0.0	0.0	10.5	0.0	0.0	-20.9
0024	638949.79	4873820.92	326.85	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	50.4	0.3	-1.1	0.0	0.0	13.2	0.0	0.0	-17.1
0024	638949.79	4873820.92	326.85	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	50.4	0.9	-1.1	0.0	0.0	15.8	0.0	0.0	-21.1
0024	638949.79	4873820.92	326.85	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	50.4	3.1	-1.1	0.0	0.0	18.6	0.0	0.0	-30.2
0024	638949.79	4873820.92	326.85	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	50.4	10.9	-1.1	0.0	0.0	21.1	0.0	0.0	-43.7
0031	638945.79	4873838.25	327.15	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-42.7
0031	638945.79	4873838.25	327.15	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-34.8
0031	638945.79	4873838.25	327.15	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	51.7	0.0	1.2	0.0	0.0	5.0	0.0	0.0	-29.4
0031	638945.79	4873838.25	327.15	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	51.7	0.1	1.8	0.0	0.0	5.5	0.0	0.0	-25.1
0031	638945.79	4873838.25	327.15	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	51.7	0.2	-0.9	0.0	0.0	9.7	0.0	0.0	-21.4
0031	638945.79	4873838.25	327.15	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	51.7	0.4	-1.2	0.0	0.0	12.2	0.0	0.0	-17.4
0031	638945.79	4873838.25	327.15	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	51.7	1.1	-1.2	0.0	0.0	14.6	0.0	0.0	-21.3
0031	638945.79	4873838.25	327.15	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	51.7	3.6	-1.2	0.0	0.0	17.3	0.0	0.0	-30.7
0031	638945.79	4873838.25	327.15	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	51.7	12.7	-1.2	0.0	0.0	20.2	0.0	0.0	-45.8
0039	638939.78	4873864.24	327.60	0	DEN	32	16.0	1.3	0.0	0.0	0.0	53.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-41.3
0039	638939.78	4873864.24	327.60	0	DEN	63	24.2	1.3	0.0	0.0	0.0	53.5	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-33.3
0039	638939.78	4873864.24	327.60	0	DEN	125	30.3	1.3	0.0	0.0	0.0	53.5	0.1	1.2	0.0	0.0	4.5	0.0	0.0	-27.7
0039	638939.78	4873864.24	327.60	0	DEN	250	35.8	1.3	0.0	0.0	0.0	53.5	0.1	1.8	0.0	0.0	4.7	0.0	0.0	-23.1
0039	638939.78	4873864.24	327.60	0	DEN	500	41.2	1.3	0.0	0.0	0.0	53.5	0.3	-0.9	0.0	0.0	8.6	0.0	0.0	-19.0
0039	638939.78	4873864.24	327.60	0	DEN	1000	47.4	1.3	0.0	0.0	0.0	53.5	0.5	-1.3	0.0	0.0	10.8	0.0	0.0	-14.8
0039	638939.78	4873864.24	327.60	0	DEN	2000	46.6	1.3	0.0	0.0	0.0	53.5	1.3	-1.3	0.0	0.0	13.0	0.0	0.0	-18.6
0039	638939.78	4873864.24	327.60	0	DEN	4000	42.4	1.3	0.0	0.0	0.0	53.5	4.4	-1.3	0.0	0.0	15.5	0.0	0.0	-28.4
0039	638939.78	4873864.24	327.60	0	DEN	8000	39.3	1.3	0.0	0.0	0.0	53.5	15.6	-1.3	0.0	0.0	18.3	0.0	0.0	-45.5
0046	638978.25	4873697.27	324.71	0	DEN	32	16.0	4.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-33.4
0046	638978.25	4873697.27	324.71	0	DEN	63	24.2	4.3	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-26.3
0046	638978.25	4873697.27	324.71	0	DEN	125	30.3	4.3	0.0	0.0	0.0	47.4	0.0	1.0	0.0	0.0	7.8	0.0	0.0	-21.8
0046	638978.25	4873697.27	324.71	0	DEN	250	35.8	4.3	0.0	0.0	0.0	47.4	0.1	2.0	0.0	0.0	9.0	0.0	0.0	-18.4
0046	638978.25	4873697.27	324.71	0	DEN	500	41.2	4.3	0.0	0.0	0.0	47.4	0.1	-0.7	0.0	0.0	14.1	0.0	0.0	-15.5
0046	638978.25	4873697.27	324.71	0	DEN	1000	47.4	4.3	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	17.2	0.0	0.0	-12.1
0046	638978.25	4873697.27	324.71	0	DEN	2000	46.6	4.3	0.0	0.0	0.0	47.4	0.6	-1.1	0.0	0.0	20.0	0.0	0.0	-16.2
0046	638978.25	4873697.27	324.71	0	DEN	4000	42.4	4.3	0.0	0.0	0.0	47.4	2.2	-1.1	0.0	0.0	21.1	0.0	0.0	-22.9
0046	638978.25	4873697.27	324.71	0	DEN	8000	39.3	4.3	0.0	0.0	0.0	47.4	7.8	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
0052	638976.08	4873706.84	324.86	0	DEN	32	16.0	1.3	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-35.5
0052	638976.08	4873706.84	324.86	0	DEN	63	24.2	1.3	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-28.4
0052	638976.08	4873706.84	324.86	0	DEN	125	30.3	1.3	0.0	0.0	0.0	46.5	0.0	1.2	0.0	0.0	7.8	0.0	0.0	-24.0
0052	638976.08	4873706.84	324.86	0	DEN	250	35.8	1.3	0.0	0.0	0.0	46.5	0.1	2.1	0.0	0.0	8.9	0.0	0.0	-20.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0052	638976.08	4873706.84	324.86	0	DEN	500	41.2	1.3	0.0	0.0	0.0	46.5	0.1	-0.5	0.0	0.0	14.1	0.0	0.0	-17.7
0052	638976.08	4873706.84	324.86	0	DEN	1000	47.4	1.3	0.0	0.0	0.0	46.5	0.2	-0.9	0.0	0.0	17.1	0.0	0.0	-14.3
0052	638976.08	4873706.84	324.86	0	DEN	2000	46.6	1.3	0.0	0.0	0.0	46.5	0.6	-0.9	0.0	0.0	20.0	0.0	0.0	-18.3
0052	638976.08	4873706.84	324.86	0	DEN	4000	42.4	1.3	0.0	0.0	0.0	46.5	2.0	-0.9	0.0	0.0	20.9	0.0	0.0	-24.8
0052	638976.08	4873706.84	324.86	0	DEN	8000	39.3	1.3	0.0	0.0	0.0	46.5	7.0	-0.9	0.0	0.0	20.9	0.0	0.0	-33.0
0058	638973.29	4873718.65	325.08	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-37.7
0058	638973.29	4873718.65	325.08	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	45.5	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-30.7
0058	638973.29	4873718.65	325.08	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	45.5	0.0	0.8	0.0	0.0	8.5	0.0	0.0	-26.3
0058	638973.29	4873718.65	325.08	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	45.5	0.1	1.6	0.0	0.0	9.8	0.0	0.0	-23.0
0058	638973.29	4873718.65	325.08	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	45.5	0.1	-0.7	0.0	0.0	14.7	0.0	0.0	-20.2
0058	638973.29	4873718.65	325.08	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	45.5	0.2	-1.0	0.0	0.0	17.8	0.0	0.0	-16.8
0058	638973.29	4873718.65	325.08	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	45.5	0.5	-1.0	0.0	0.0	20.7	0.0	0.0	-20.8
0058	638973.29	4873718.65	325.08	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	45.5	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-26.6
0058	638973.29	4873718.65	325.08	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	45.5	6.2	-1.0	0.0	0.0	21.0	0.0	0.0	-34.2
0066	638971.26	4873727.50	325.24	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-37.3
0066	638971.26	4873727.50	325.24	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-30.4
0066	638971.26	4873727.50	325.24	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.9	0.0	1.0	0.0	0.0	8.7	0.0	0.0	-26.1
0066	638971.26	4873727.50	325.24	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.9	0.1	1.8	0.0	0.0	10.2	0.0	0.0	-22.9
0066	638971.26	4873727.50	325.24	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.1	0.0	0.0	-20.1
0066	638971.26	4873727.50	325.24	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.9	0.2	-0.9	0.0	0.0	18.2	0.0	0.0	-16.8
0066	638971.26	4873727.50	325.24	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.9	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-20.6
0066	638971.26	4873727.50	325.24	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.9	1.6	-0.9	0.0	0.0	20.9	0.0	0.0	-25.9
0066	638971.26	4873727.50	325.24	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.9	5.8	-0.9	0.0	0.0	20.9	0.0	0.0	-33.2
0074	638972.07	4873724.16	325.17	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-37.4
0074	638972.07	4873724.16	325.17	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-30.5
0074	638972.07	4873724.16	325.17	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	45.1	0.0	0.7	0.0	0.0	8.8	0.0	0.0	-26.2
0074	638972.07	4873724.16	325.17	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	45.1	0.1	1.5	0.0	0.0	10.3	0.0	0.0	-22.9
0074	638972.07	4873724.16	325.17	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-20.1
0074	638972.07	4873724.16	325.17	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	45.1	0.2	-1.1	0.0	0.0	18.2	0.0	0.0	-16.8
0074	638972.07	4873724.16	325.17	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	45.1	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-20.8
0074	638972.07	4873724.16	325.17	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	45.1	1.7	-1.1	0.0	0.0	21.1	0.0	0.0	-26.1
0074	638972.07	4873724.16	325.17	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	45.1	5.9	-1.1	0.0	0.0	21.1	0.0	0.0	-33.5
0081	638975.88	4873707.92	324.87	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-38.5
0081	638975.88	4873707.92	324.87	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-31.4
0081	638975.88	4873707.92	324.87	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	46.4	0.0	1.2	0.0	0.0	7.8	0.0	0.0	-26.9
0081	638975.88	4873707.92	324.87	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	46.4	0.1	2.1	0.0	0.0	9.0	0.0	0.0	-23.5
0081	638975.88	4873707.92	324.87	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	46.4	0.1	-0.6	0.0	0.0	14.1	0.0	0.0	-20.7
0081	638975.88	4873707.92	324.87	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	46.4	0.2	-0.9	0.0	0.0	17.2	0.0	0.0	-17.3
0081	638975.88	4873707.92	324.87	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	46.4	0.6	-0.9	0.0	0.0	20.1	0.0	0.0	-21.3
0081	638975.88	4873707.92	324.87	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	46.4	1.9	-0.9	0.0	0.0	20.9	0.0	0.0	-27.7
0081	638975.88	4873707.92	324.87	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	46.4	6.9	-0.9	0.0	0.0	20.9	0.0	0.0	-35.8
0088	638969.06	4873737.25	325.40	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-37.0
0088	638969.06	4873737.25	325.40	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.1	0.0	0.0	-30.2
0088	638969.06	4873737.25	325.40	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.5	0.0	0.8	0.0	0.0	9.1	0.0	0.0	-26.0
0088	638969.06	4873737.25	325.40	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.5	0.0	1.6	0.0	0.0	10.6	0.0	0.0	-22.8
0088	638969.06	4873737.25	325.40	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.5	0.1	-0.6	0.0	0.0	15.5	0.0	0.0	-20.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0088	638969.06	4873737.25	325.40	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.5	0.2	-1.0	0.0	0.0	18.6	0.0	0.0	-16.7
0088	638969.06	4873737.25	325.40	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.5	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.1
0088	638969.06	4873737.25	325.40	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.5	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.4
0088	638969.06	4873737.25	325.40	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.5	5.6	-1.0	0.0	0.0	21.0	0.0	0.0	-32.5
0094	638971.02	4873728.77	325.25	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-37.3
0094	638971.02	4873728.77	325.25	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-30.4
0094	638971.02	4873728.77	325.25	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.9	0.0	0.9	0.0	0.0	8.8	0.0	0.0	-26.1
0094	638971.02	4873728.77	325.25	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.9	0.1	1.8	0.0	0.0	10.3	0.0	0.0	-22.9
0094	638971.02	4873728.77	325.25	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.9	0.1	-0.6	0.0	0.0	15.2	0.0	0.0	-20.1
0094	638971.02	4873728.77	325.25	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.9	0.2	-0.9	0.0	0.0	18.3	0.0	0.0	-16.8
0094	638971.02	4873728.77	325.25	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.9	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-20.5
0094	638971.02	4873728.77	325.25	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.9	1.6	-0.9	0.0	0.0	20.9	0.0	0.0	-25.8
0094	638971.02	4873728.77	325.25	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.9	5.8	-0.9	0.0	0.0	20.9	0.0	0.0	-33.1
0101	638967.19	4873745.19	325.54	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-36.9
0101	638967.19	4873745.19	325.54	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-29.9
0101	638967.19	4873745.19	325.54	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.5	0.0	0.6	0.0	0.0	9.0	0.0	0.0	-25.6
0101	638967.19	4873745.19	325.54	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.5	0.0	1.4	0.0	0.0	10.5	0.0	0.0	-22.4
0101	638967.19	4873745.19	325.54	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.5	0.1	-0.8	0.0	0.0	15.3	0.0	0.0	-19.6
0101	638967.19	4873745.19	325.54	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.5	0.2	-1.1	0.0	0.0	18.3	0.0	0.0	-16.3
0101	638967.19	4873745.19	325.54	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.5	0.5	-1.1	0.0	0.0	21.1	0.0	0.0	-20.1
0101	638967.19	4873745.19	325.54	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.5	1.5	-1.1	0.0	0.0	21.1	0.0	0.0	-25.4
0101	638967.19	4873745.19	325.54	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.5	5.5	-1.1	0.0	0.0	21.1	0.0	0.0	-32.5
0107	638965.15	4873754.04	325.70	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-36.9
0107	638965.15	4873754.04	325.70	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-29.9
0107	638965.15	4873754.04	325.70	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	44.7	0.0	0.9	0.0	0.0	8.4	0.0	0.0	-25.5
0107	638965.15	4873754.04	325.70	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	44.7	0.1	1.7	0.0	0.0	9.8	0.0	0.0	-22.2
0107	638965.15	4873754.04	325.70	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	44.7	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-19.4
0107	638965.15	4873754.04	325.70	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	44.7	0.2	-1.0	0.0	0.0	17.7	0.0	0.0	-16.0
0107	638965.15	4873754.04	325.70	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	44.7	0.5	-1.0	0.0	0.0	20.6	0.0	0.0	-19.9
0107	638965.15	4873754.04	325.70	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	44.7	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.7
0107	638965.15	4873754.04	325.70	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	44.7	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-32.9
0114	638964.07	4873758.82	325.77	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-37.0
0114	638964.07	4873758.82	325.77	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-30.0
0114	638964.07	4873758.82	325.77	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.2	0.0	0.0	-25.5
0114	638964.07	4873758.82	325.77	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-22.1
0114	638964.07	4873758.82	325.77	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.3	0.0	0.0	-19.3
0114	638964.07	4873758.82	325.77	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-15.9
0114	638964.07	4873758.82	325.77	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.2	0.0	0.0	-19.8
0114	638964.07	4873758.82	325.77	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-26.0
0114	638964.07	4873758.82	325.77	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	45.0	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-33.3
0148	638960.13	4873775.79	326.08	0	DEN	32	16.0	-1.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-38.0
0148	638960.13	4873775.79	326.08	0	DEN	63	24.2	-1.7	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-30.7
0148	638960.13	4873775.79	326.08	0	DEN	125	30.3	-1.7	0.0	0.0	0.0	46.3	0.0	0.9	0.0	0.0	7.4	0.0	0.0	-26.0
0148	638960.13	4873775.79	326.08	0	DEN	250	35.8	-1.7	0.0	0.0	0.0	46.3	0.1	1.7	0.0	0.0	8.4	0.0	0.0	-22.4
0148	638960.13	4873775.79	326.08	0	DEN	500	41.2	-1.7	0.0	0.0	0.0	46.3	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-19.4
0148	638960.13	4873775.79	326.08	0	DEN	1000	47.4	-1.7	0.0	0.0	0.0	46.3	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-15.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0148	638960.13	4873775.79	326.08	0	DEN	2000	46.6	-1.7	0.0	0.0	0.0	46.3	0.6	-1.1	0.0	0.0	19.0	0.0	0.0	-19.9
0148	638960.13	4873775.79	326.08	0	DEN	4000	42.4	-1.7	0.0	0.0	0.0	46.3	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-27.5
0148	638960.13	4873775.79	326.08	0	DEN	8000	39.3	-1.7	0.0	0.0	0.0	46.3	6.8	-1.1	0.0	0.0	21.1	0.0	0.0	-35.5
0154	638932.77	4873894.64	328.13	1	DEN	1000	47.4	-17.5	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-37.7
0154	638932.77	4873894.64	328.13	1	DEN	2000	46.6	-17.5	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-41.8
0154	638932.77	4873894.64	328.13	1	DEN	4000	42.4	-17.5	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-52.8
0154	638932.77	4873894.64	328.13	1	DEN	8000	39.3	-17.5	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-73.9
0875	638804.12	4873895.49	329.78	0	DEN	32	16.0	20.4	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-27.5
0875	638804.12	4873895.49	329.78	0	DEN	63	24.2	20.4	0.0	0.0	0.0	59.1	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-19.3
0875	638804.12	4873895.49	329.78	0	DEN	125	30.3	20.4	0.0	0.0	0.0	59.1	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-13.3
0875	638804.12	4873895.49	329.78	0	DEN	250	35.8	20.4	0.0	0.0	0.0	59.1	0.3	1.6	0.0	0.0	3.2	0.0	0.0	-8.0
0875	638804.12	4873895.49	329.78	0	DEN	500	41.2	20.4	0.0	0.0	0.0	59.1	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	-2.9
0875	638804.12	4873895.49	329.78	0	DEN	1000	47.4	20.4	0.0	0.0	0.0	59.1	0.9	-1.6	0.0	0.0	6.7	0.0	0.0	2.7
0875	638804.12	4873895.49	329.78	0	DEN	2000	46.6	20.4	0.0	0.0	0.0	59.1	2.4	-1.6	0.0	0.0	7.1	0.0	0.0	0.0
0875	638804.12	4873895.49	329.78	0	DEN	4000	42.4	20.4	0.0	0.0	0.0	59.1	8.3	-1.6	0.0	0.0	7.7	0.0	0.0	-10.6
0875	638804.12	4873895.49	329.78	0	DEN	8000	39.3	20.4	0.0	0.0	0.0	59.1	29.6	-1.6	0.0	0.0	8.7	0.0	0.0	-36.0
0883	638831.95	4873896.98	329.36	0	DEN	32	16.0	17.4	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-29.7
0883	638831.95	4873896.98	329.36	0	DEN	63	24.2	17.4	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-21.5
0883	638831.95	4873896.98	329.36	0	DEN	125	30.3	17.4	0.0	0.0	0.0	58.3	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-15.5
0883	638831.95	4873896.98	329.36	0	DEN	250	35.8	17.4	0.0	0.0	0.0	58.3	0.2	1.7	0.0	0.0	3.2	0.0	0.0	-10.2
0883	638831.95	4873896.98	329.36	0	DEN	500	41.2	17.4	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	6.1	0.0	0.0	-5.2
0883	638831.95	4873896.98	329.36	0	DEN	1000	47.4	17.4	0.0	0.0	0.0	58.3	0.8	-1.5	0.0	0.0	6.8	0.0	0.0	0.4
0883	638831.95	4873896.98	329.36	0	DEN	2000	46.6	17.4	0.0	0.0	0.0	58.3	2.2	-1.5	0.0	0.0	7.2	0.0	0.0	-2.2
0883	638831.95	4873896.98	329.36	0	DEN	4000	42.4	17.4	0.0	0.0	0.0	58.3	7.6	-1.5	0.0	0.0	7.9	0.0	0.0	-12.5
0883	638831.95	4873896.98	329.36	0	DEN	8000	39.3	17.4	0.0	0.0	0.0	58.3	27.1	-1.5	0.0	0.0	9.1	0.0	0.0	-36.3
0890	638881.00	4873897.85	328.82	0	DEN	32	16.0	17.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-28.3
0890	638881.00	4873897.85	328.82	0	DEN	63	24.2	17.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-20.1
0890	638881.00	4873897.85	328.82	0	DEN	125	30.3	17.4	0.0	0.0	0.0	56.9	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-14.1
0890	638881.00	4873897.85	328.82	0	DEN	250	35.8	17.4	0.0	0.0	0.0	56.9	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-8.8
0890	638881.00	4873897.85	328.82	0	DEN	500	41.2	17.4	0.0	0.0	0.0	56.9	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	-3.8
0890	638881.00	4873897.85	328.82	0	DEN	1000	47.4	17.4	0.0	0.0	0.0	56.9	0.7	-1.3	0.0	0.0	6.9	0.0	0.0	1.7
0890	638881.00	4873897.85	328.82	0	DEN	2000	46.6	17.4	0.0	0.0	0.0	56.9	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	-1.0
0890	638881.00	4873897.85	328.82	0	DEN	4000	42.4	17.4	0.0	0.0	0.0	56.9	6.4	-1.3	0.0	0.0	8.6	0.0	0.0	-10.8
0890	638881.00	4873897.85	328.82	0	DEN	8000	39.3	17.4	0.0	0.0	0.0	56.9	22.9	-1.3	0.0	0.0	10.2	0.0	0.0	-32.0
0937	638948.09	4873845.26	327.14	0	DEN	32	16.0	10.9	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-30.4
0937	638948.09	4873845.26	327.14	0	DEN	63	24.2	10.9	0.0	0.0	0.0	52.1	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-22.7
0937	638948.09	4873845.26	327.14	0	DEN	125	30.3	10.9	0.0	0.0	0.0	52.1	0.0	1.3	0.0	0.0	5.3	0.0	0.0	-17.4
0937	638948.09	4873845.26	327.14	0	DEN	250	35.8	10.9	0.0	0.0	0.0	52.1	0.1	1.9	0.0	0.0	5.9	0.0	0.0	-13.2
0937	638948.09	4873845.26	327.14	0	DEN	500	41.2	10.9	0.0	0.0	0.0	52.1	0.2	-0.9	0.0	0.0	10.4	0.0	0.0	-9.7
0937	638948.09	4873845.26	327.14	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	52.1	0.4	-1.2	0.0	0.0	12.9	0.0	0.0	-5.9
0937	638948.09	4873845.26	327.14	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	52.1	1.1	-1.2	0.0	0.0	15.5	0.0	0.0	-9.9
0937	638948.09	4873845.26	327.14	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	52.1	3.7	-1.2	0.0	0.0	18.3	0.0	0.0	-19.5
0937	638948.09	4873845.26	327.14	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	52.1	13.2	-1.2	0.0	0.0	21.1	0.0	0.0	-35.0
0944	638940.06	4873871.40	327.66	0	DEN	32	16.0	10.9	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-31.8
0944	638940.06	4873871.40	327.66	0	DEN	63	24.2	10.9	0.0	0.0	0.0	53.9	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-24.0
0944	638940.06	4873871.40	327.66	0	DEN	125	30.3	10.9	0.0	0.0	0.0	53.9	0.1	1.4	0.0	0.0	4.3	0.0	0.0	-18.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0944	638940.06	4873871.40	327.66	0	DEN	250	35.8	10.9	0.0	0.0	0.0	53.9	0.1	1.9	0.0	0.0	4.6	0.0	0.0	-13.9
0944	638940.06	4873871.40	327.66	0	DEN	500	41.2	10.9	0.0	0.0	0.0	53.9	0.3	-0.9	0.0	0.0	8.7	0.0	0.0	-9.8
0944	638940.06	4873871.40	327.66	0	DEN	1000	47.4	10.9	0.0	0.0	0.0	53.9	0.5	-1.2	0.0	0.0	10.8	0.0	0.0	-5.7
0944	638940.06	4873871.40	327.66	0	DEN	2000	46.6	10.9	0.0	0.0	0.0	53.9	1.3	-1.2	0.0	0.0	13.0	0.0	0.0	-9.5
0944	638940.06	4873871.40	327.66	0	DEN	4000	42.4	10.9	0.0	0.0	0.0	53.9	4.6	-1.2	0.0	0.0	15.6	0.0	0.0	-19.5
0944	638940.06	4873871.40	327.66	0	DEN	8000	39.3	10.9	0.0	0.0	0.0	53.9	16.3	-1.2	0.0	0.0	18.4	0.0	0.0	-37.1
0951	638952.75	4873828.76	326.83	0	DEN	32	16.0	13.9	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-26.3
0951	638952.75	4873828.76	326.83	0	DEN	63	24.2	13.9	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-18.8
0951	638952.75	4873828.76	326.83	0	DEN	125	30.3	13.9	0.0	0.0	0.0	50.7	0.0	1.3	0.0	0.0	5.8	0.0	0.0	-13.7
0951	638952.75	4873828.76	326.83	0	DEN	250	35.8	13.9	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	6.5	0.0	0.0	-9.8
0951	638952.75	4873828.76	326.83	0	DEN	500	41.2	13.9	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	11.4	0.0	0.0	-6.5
0951	638952.75	4873828.76	326.83	0	DEN	1000	47.4	13.9	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	14.2	0.0	0.0	-2.9
0951	638952.75	4873828.76	326.83	0	DEN	2000	46.6	13.9	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	16.9	0.0	0.0	-6.9
0951	638952.75	4873828.76	326.83	0	DEN	4000	42.4	13.9	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	19.7	0.0	0.0	-16.2
0951	638952.75	4873828.76	326.83	0	DEN	8000	39.3	13.9	0.0	0.0	0.0	50.7	11.4	-1.1	0.0	0.0	21.1	0.0	0.0	-28.9
0956	638933.02	4873894.87	328.13	1	DEN	1000	47.4	-6.3	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-26.5
0956	638933.02	4873894.87	328.13	1	DEN	2000	46.6	-6.3	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.2	0.0	1.0	-30.7
0956	638933.02	4873894.87	328.13	1	DEN	4000	42.4	-6.3	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.8	0.0	1.0	-41.6
0956	638933.02	4873894.87	328.13	1	DEN	8000	39.3	-6.3	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.5	0.0	1.0	-62.7
0981	638886.07	4873916.38	328.75	0	DEN	32	16.0	23.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-22.5
0981	638886.07	4873916.38	328.75	0	DEN	63	24.2	23.6	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-14.4
0981	638886.07	4873916.38	328.75	0	DEN	125	30.3	23.6	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	0.0	-8.4
0981	638886.07	4873916.38	328.75	0	DEN	250	35.8	23.6	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.0	0.0	0.0	-3.1
0981	638886.07	4873916.38	328.75	0	DEN	500	41.2	23.6	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.0	0.0	0.0	2.0
0981	638886.07	4873916.38	328.75	0	DEN	1000	47.4	23.6	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	6.7	0.0	0.0	7.5
0981	638886.07	4873916.38	328.75	0	DEN	2000	46.6	23.6	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	7.4	0.0	0.0	4.8
0981	638886.07	4873916.38	328.75	0	DEN	4000	42.4	23.6	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	8.3	0.0	0.0	-5.1
0981	638886.07	4873916.38	328.75	0	DEN	8000	39.3	23.6	0.0	0.0	0.0	57.3	24.2	-1.3	0.0	0.0	9.8	0.0	0.0	-27.2
0988	638888.32	4873914.43	328.71	1	DEN	8000	39.3	18.4	0.0	0.0	0.0	58.0	26.1	-1.2	0.0	0.0	14.2	0.0	1.0	-40.4
1067	638858.96	4873907.76	327.99	0	DEN	32	16.0	23.5	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-23.1
1067	638858.96	4873907.76	327.99	0	DEN	63	24.2	23.5	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	8.0	0.0	0.0	-14.9
1067	638858.96	4873907.76	327.99	0	DEN	125	30.3	23.5	0.0	0.0	0.0	57.8	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-9.0
1067	638858.96	4873907.76	327.99	0	DEN	250	35.8	23.5	0.0	0.0	0.0	57.8	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-3.7
1067	638858.96	4873907.76	327.99	0	DEN	500	41.2	23.5	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	1.3
1067	638858.96	4873907.76	327.99	0	DEN	1000	47.4	23.5	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	6.7
1067	638858.96	4873907.76	327.99	0	DEN	2000	46.6	23.5	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.8	0.0	0.0	3.8
1067	638858.96	4873907.76	327.99	0	DEN	4000	42.4	23.5	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	8.9	0.0	0.0	-6.6
1067	638858.96	4873907.76	327.99	0	DEN	8000	39.3	23.5	0.0	0.0	0.0	57.8	25.6	-1.4	0.0	0.0	10.6	0.0	0.0	-29.8
1252	638685.15	4873584.70	326.34	0	DEN	32	16.0	29.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-22.1
1252	638685.15	4873584.70	326.34	0	DEN	63	24.2	29.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-14.0
1252	638685.15	4873584.70	326.34	0	DEN	125	30.3	29.1	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-8.0
1252	638685.15	4873584.70	326.34	0	DEN	250	35.8	29.1	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-2.8
1252	638685.15	4873584.70	326.34	0	DEN	500	41.2	29.1	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	2.1
1252	638685.15	4873584.70	326.34	0	DEN	1000	47.4	29.1	0.0	0.0	0.0	62.3	1.4	-2.0	0.0	0.0	7.4	0.0	0.0	7.4
1252	638685.15	4873584.70	326.34	0	DEN	2000	46.6	29.1	0.0	0.0	0.0	62.3	3.6	-2.0	0.0	0.0	7.8	0.0	0.0	3.9
1252	638685.15	4873584.70	326.34	0	DEN	4000	42.4	29.1	0.0	0.0	0.0	62.3	12.1	-2.0	0.0	0.0	8.7	0.0	0.0	-9.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1252	638685.15	4873584.70	326.34	0	DEN	8000	39.3	29.1	0.0	0.0	0.0	62.3	43.2	-2.0	0.0	0.0	10.0	0.0	0.0	-45.1
1258	638897.24	4873916.60	328.73	0	DEN	32	16.0	23.3	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-22.6
1258	638897.24	4873916.60	328.73	0	DEN	63	24.2	23.3	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-14.5
1258	638897.24	4873916.60	328.73	0	DEN	125	30.3	23.3	0.0	0.0	0.0	57.0	0.1	1.5	0.0	0.0	3.4	0.0	0.0	-8.5
1258	638897.24	4873916.60	328.73	0	DEN	250	35.8	23.3	0.0	0.0	0.0	57.0	0.2	2.0	0.0	0.0	3.0	0.0	0.0	-3.2
1258	638897.24	4873916.60	328.73	0	DEN	500	41.2	23.3	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	1.8
1258	638897.24	4873916.60	328.73	0	DEN	1000	47.4	23.3	0.0	0.0	0.0	57.0	0.7	-1.3	0.0	0.0	6.9	0.0	0.0	7.3
1258	638897.24	4873916.60	328.73	0	DEN	2000	46.6	23.3	0.0	0.0	0.0	57.0	1.9	-1.3	0.0	0.0	7.6	0.0	0.0	4.6
1258	638897.24	4873916.60	328.73	0	DEN	4000	42.4	23.3	0.0	0.0	0.0	57.0	6.6	-1.3	0.0	0.0	8.7	0.0	0.0	-5.4
1258	638897.24	4873916.60	328.73	0	DEN	8000	39.3	23.3	0.0	0.0	0.0	57.0	23.5	-1.3	0.0	0.0	10.3	0.0	0.0	-27.0
1263	638902.92	4873911.41	328.59	1	DEN	4000	42.4	15.6	0.0	0.0	0.0	57.4	6.8	-1.1	0.0	0.0	13.5	0.0	1.0	-19.6
1263	638902.92	4873911.41	328.59	1	DEN	8000	39.3	15.6	0.0	0.0	0.0	57.4	24.4	-1.1	0.0	0.0	16.1	0.0	1.0	-42.9
1271	638970.02	4873726.62	325.28	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.4	0.0	0.0	-35.9
1271	638970.02	4873726.62	325.28	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.6	0.0	0.0	-28.9
1271	638970.02	4873726.62	325.28	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	45.2	0.0	1.0	0.0	0.0	8.3	0.0	0.0	-24.5
1271	638970.02	4873726.62	325.28	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	45.2	0.1	1.8	0.0	0.0	9.7	0.0	0.0	-21.2
1271	638970.02	4873726.62	325.28	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	14.6	0.0	0.0	-18.4
1271	638970.02	4873726.62	325.28	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	45.2	0.2	-0.9	0.0	0.0	17.7	0.0	0.0	-15.0
1271	638970.02	4873726.62	325.28	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	45.2	0.5	-0.9	0.0	0.0	20.6	0.0	0.0	-19.0
1271	638970.02	4873726.62	325.28	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	45.2	1.7	-0.9	0.0	0.0	20.9	0.0	0.0	-24.7
1271	638970.02	4873726.62	325.28	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	45.2	6.0	-0.9	0.0	0.0	20.9	0.0	0.0	-32.2
1276	638979.47	4873684.17	324.56	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-38.9
1276	638979.47	4873684.17	324.56	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-31.6
1276	638979.47	4873684.17	324.56	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	48.7	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-26.9
1276	638979.47	4873684.17	324.56	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	48.7	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-23.4
1276	638979.47	4873684.17	324.56	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	48.7	0.1	-0.6	0.0	0.0	12.9	0.0	0.0	-20.3
1276	638979.47	4873684.17	324.56	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	48.7	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	-16.9
1276	638979.47	4873684.17	324.56	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	48.7	0.7	-1.0	0.0	0.0	18.8	0.0	0.0	-21.0
1276	638979.47	4873684.17	324.56	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	48.7	2.5	-1.0	0.0	0.0	21.0	0.0	0.0	-29.2
1276	638979.47	4873684.17	324.56	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	48.7	9.0	-1.0	0.0	0.0	21.0	0.0	0.0	-38.7
1282	638962.81	4873759.10	325.83	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-35.6
1282	638962.81	4873759.10	325.83	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-28.5
1282	638962.81	4873759.10	325.83	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	7.9	0.0	0.0	-24.0
1282	638962.81	4873759.10	325.83	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	45.2	0.1	1.7	0.0	0.0	9.1	0.0	0.0	-20.5
1282	638962.81	4873759.10	325.83	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	45.2	0.1	-0.7	0.0	0.0	13.9	0.0	0.0	-17.6
1282	638962.81	4873759.10	325.83	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-14.2
1282	638962.81	4873759.10	325.83	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	19.7	0.0	0.0	-18.1
1282	638962.81	4873759.10	325.83	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.8
1282	638962.81	4873759.10	325.83	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-32.2
1286	638967.59	4873737.62	325.47	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-35.6
1286	638967.59	4873737.62	325.47	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-28.7
1286	638967.59	4873737.62	325.47	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-24.3
1286	638967.59	4873737.62	325.47	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-21.1
1286	638967.59	4873737.62	325.47	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-18.3
1286	638967.59	4873737.62	325.47	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-14.9
1286	638967.59	4873737.62	325.47	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-18.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1286	638967.59	4873737.62	325.47	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-24.2
1286	638967.59	4873737.62	325.47	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-31.4
1292	638958.12	4873780.19	326.19	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-36.9
1292	638958.12	4873780.19	326.19	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	46.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-29.5
1292	638958.12	4873780.19	326.19	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	46.8	0.0	1.0	0.0	0.0	6.9	0.0	0.0	-24.7
1292	638958.12	4873780.19	326.19	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	46.8	0.1	1.8	0.0	0.0	7.8	0.0	0.0	-21.0
1292	638958.12	4873780.19	326.19	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	46.8	0.1	-0.7	0.0	0.0	12.6	0.0	0.0	-17.9
1292	638958.12	4873780.19	326.19	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	46.8	0.2	-1.1	0.0	0.0	15.5	0.0	0.0	-14.4
1292	638958.12	4873780.19	326.19	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	46.8	0.6	-1.1	0.0	0.0	18.3	0.0	0.0	-18.3
1292	638958.12	4873780.19	326.19	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	46.8	2.0	-1.1	0.0	0.0	21.1	0.0	0.0	-26.7
1292	638958.12	4873780.19	326.19	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	46.8	7.2	-1.1	0.0	0.0	21.1	0.0	0.0	-35.0
1298	638953.30	4873801.94	326.56	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-38.6
1298	638953.30	4873801.94	326.56	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	48.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-31.0
1298	638953.30	4873801.94	326.56	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	48.8	0.0	1.2	0.0	0.0	6.0	0.0	0.0	-25.9
1298	638953.30	4873801.94	326.56	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	48.8	0.1	2.1	0.0	0.0	6.5	0.0	0.0	-22.0
1298	638953.30	4873801.94	326.56	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	48.8	0.1	-0.7	0.0	0.0	11.3	0.0	0.0	-18.7
1298	638953.30	4873801.94	326.56	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	48.8	0.3	-1.1	0.0	0.0	14.2	0.0	0.0	-15.1
1298	638953.30	4873801.94	326.56	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	48.8	0.8	-1.1	0.0	0.0	16.8	0.0	0.0	-19.0
1298	638953.30	4873801.94	326.56	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	48.8	2.5	-1.1	0.0	0.0	19.7	0.0	0.0	-27.8
1298	638953.30	4873801.94	326.56	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	48.8	9.1	-1.1	0.0	0.0	21.1	0.0	0.0	-38.9
1306	638950.84	4873813.07	326.75	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-39.4
1306	638950.84	4873813.07	326.75	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-31.8
1306	638950.84	4873813.07	326.75	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	49.8	0.0	1.3	0.0	0.0	5.5	0.0	0.0	-26.6
1306	638950.84	4873813.07	326.75	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	49.8	0.1	2.3	0.0	0.0	5.9	0.0	0.0	-22.5
1306	638950.84	4873813.07	326.75	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	49.8	0.2	-0.6	0.0	0.0	10.7	0.0	0.0	-19.1
1306	638950.84	4873813.07	326.75	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	49.8	0.3	-1.0	0.0	0.0	13.4	0.0	0.0	-15.3
1306	638950.84	4873813.07	326.75	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	49.8	0.8	-1.1	0.0	0.0	16.0	0.0	0.0	-19.3
1306	638950.84	4873813.07	326.75	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	49.8	2.8	-1.1	0.0	0.0	18.8	0.0	0.0	-28.3
1306	638950.84	4873813.07	326.75	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	49.8	10.1	-1.1	0.0	0.0	21.1	0.0	0.0	-40.9
1313	638941.30	4873856.03	327.48	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-42.3
1313	638941.30	4873856.03	327.48	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-34.4
1313	638941.30	4873856.03	327.48	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	53.0	0.1	1.2	0.0	0.0	4.6	0.0	0.0	-28.8
1313	638941.30	4873856.03	327.48	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	53.0	0.1	1.8	0.0	0.0	4.9	0.0	0.0	-24.3
1313	638941.30	4873856.03	327.48	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	8.9	0.0	0.0	-20.3
1313	638941.30	4873856.03	327.48	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	53.0	0.5	-1.3	0.0	0.0	11.1	0.0	0.0	-16.2
1313	638941.30	4873856.03	327.48	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	53.0	1.2	-1.3	0.0	0.0	13.4	0.0	0.0	-20.0
1313	638941.30	4873856.03	327.48	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	53.0	4.1	-1.3	0.0	0.0	16.0	0.0	0.0	-29.7
1313	638941.30	4873856.03	327.48	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	53.0	14.7	-1.3	0.0	0.0	18.7	0.0	0.0	-46.1
1320	638986.93	4873650.26	323.98	0	DEN	32	16.0	2.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-38.4
1320	638986.93	4873650.26	323.98	0	DEN	63	24.2	2.7	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-30.9
1320	638986.93	4873650.26	323.98	0	DEN	125	30.3	2.7	0.0	0.0	0.0	51.5	0.0	1.5	0.0	0.0	5.9	0.0	0.0	-25.9
1320	638986.93	4873650.26	323.98	0	DEN	250	35.8	2.7	0.0	0.0	0.0	51.5	0.1	2.2	0.0	0.0	6.8	0.0	0.0	-22.1
1320	638986.93	4873650.26	323.98	0	DEN	500	41.2	2.7	0.0	0.0	0.0	51.5	0.2	-0.7	0.0	0.0	11.8	0.0	0.0	-18.9
1320	638986.93	4873650.26	323.98	0	DEN	1000	47.4	2.7	0.0	0.0	0.0	51.5	0.4	-1.1	0.0	0.0	14.7	0.0	0.0	-15.4
1320	638986.93	4873650.26	323.98	0	DEN	2000	46.6	2.7	0.0	0.0	0.0	51.5	1.0	-1.1	0.0	0.0	17.4	0.0	0.0	-19.5
1320	638986.93	4873650.26	323.98	0	DEN	4000	42.4	2.7	0.0	0.0	0.0	51.5	3.5	-1.1	0.0	0.0	20.2	0.0	0.0	-29.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1320	638986.93	4873650.26	323.98	0	DEN	8000	39.3	2.7	0.0	0.0	0.0	51.5	12.4	-1.1	0.0	0.0	21.1	0.0	0.0	-42.0
1327	638984.43	4873661.65	324.18	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-40.7
1327	638984.43	4873661.65	324.18	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-33.2
1327	638984.43	4873661.65	324.18	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	50.7	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-28.4
1327	638984.43	4873661.65	324.18	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	50.7	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-24.7
1327	638984.43	4873661.65	324.18	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	50.7	0.2	-0.7	0.0	0.0	12.4	0.0	0.0	-21.5
1327	638984.43	4873661.65	324.18	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	50.7	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-18.0
1327	638984.43	4873661.65	324.18	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	50.7	0.9	-1.1	0.0	0.0	18.0	0.0	0.0	-22.2
1327	638984.43	4873661.65	324.18	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	50.7	3.2	-1.1	0.0	0.0	20.9	0.0	0.0	-31.5
1327	638984.43	4873661.65	324.18	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	50.7	11.2	-1.1	0.0	0.0	21.1	0.0	0.0	-42.9
1334	638979.80	4873682.35	324.53	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-39.1
1334	638979.80	4873682.35	324.53	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-31.8
1334	638979.80	4873682.35	324.53	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	48.9	0.0	1.4	0.0	0.0	6.7	0.0	0.0	-27.0
1334	638979.80	4873682.35	324.53	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	48.9	0.1	2.4	0.0	0.0	7.6	0.0	0.0	-23.5
1334	638979.80	4873682.35	324.53	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	48.9	0.2	-0.5	0.0	0.0	12.8	0.0	0.0	-20.4
1334	638979.80	4873682.35	324.53	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	48.9	0.3	-1.0	0.0	0.0	15.8	0.0	0.0	-17.0
1334	638979.80	4873682.35	324.53	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	48.9	0.8	-1.0	0.0	0.0	18.6	0.0	0.0	-21.0
1334	638979.80	4873682.35	324.53	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	48.9	2.6	-1.0	0.0	0.0	21.0	0.0	0.0	-29.4
1334	638979.80	4873682.35	324.53	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	48.9	9.2	-1.0	0.0	0.0	21.0	0.0	0.0	-39.1
1339	638981.97	4873672.78	324.36	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-39.8
1339	638981.97	4873672.78	324.36	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-32.5
1339	638981.97	4873672.78	324.36	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	49.7	0.0	1.5	0.0	0.0	6.4	0.0	0.0	-27.7
1339	638981.97	4873672.78	324.36	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	49.7	0.1	2.5	0.0	0.0	7.3	0.0	0.0	-24.0
1339	638981.97	4873672.78	324.36	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	49.7	0.2	-0.5	0.0	0.0	12.5	0.0	0.0	-21.0
1339	638981.97	4873672.78	324.36	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	49.7	0.3	-1.0	0.0	0.0	15.5	0.0	0.0	-17.5
1339	638981.97	4873672.78	324.36	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	49.7	0.8	-1.0	0.0	0.0	18.3	0.0	0.0	-21.6
1339	638981.97	4873672.78	324.36	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	49.7	2.8	-1.0	0.0	0.0	21.0	0.0	0.0	-30.5
1339	638981.97	4873672.78	324.36	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	49.7	10.1	-1.0	0.0	0.0	21.0	0.0	0.0	-40.8
1346	638977.25	4873694.00	324.73	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	47.9	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-38.1
1346	638977.25	4873694.00	324.73	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	47.9	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-30.9
1346	638977.25	4873694.00	324.73	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	47.9	0.0	1.1	0.0	0.0	7.3	0.0	0.0	-26.2
1346	638977.25	4873694.00	324.73	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	47.9	0.1	2.0	0.0	0.0	8.4	0.0	0.0	-22.7
1346	638977.25	4873694.00	324.73	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	47.9	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-19.8
1346	638977.25	4873694.00	324.73	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	47.9	0.3	-1.1	0.0	0.0	16.4	0.0	0.0	-16.3
1346	638977.25	4873694.00	324.73	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	47.9	0.7	-1.1	0.0	0.0	19.2	0.0	0.0	-20.4
1346	638977.25	4873694.00	324.73	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	47.9	2.3	-1.1	0.0	0.0	21.1	0.0	0.0	-28.0
1346	638977.25	4873694.00	324.73	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	47.9	8.1	-1.1	0.0	0.0	21.1	0.0	0.0	-37.0
1353	638972.57	4873714.97	325.08	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-36.5
1353	638972.57	4873714.97	325.08	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	10.2	0.0	0.0	-29.3
1353	638972.57	4873714.97	325.08	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	46.0	0.0	1.0	0.0	0.0	7.8	0.0	0.0	-24.8
1353	638972.57	4873714.97	325.08	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	46.0	0.1	1.8	0.0	0.0	9.0	0.0	0.0	-21.4
1353	638972.57	4873714.97	325.08	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	46.0	0.1	-0.6	0.0	0.0	13.9	0.0	0.0	-18.4
1353	638972.57	4873714.97	325.08	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	46.0	0.2	-1.0	0.0	0.0	16.9	0.0	0.0	-15.0
1353	638972.57	4873714.97	325.08	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	46.0	0.5	-1.0	0.0	0.0	19.8	0.0	0.0	-19.0
1353	638972.57	4873714.97	325.08	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	46.0	1.8	-1.0	0.0	0.0	21.0	0.0	0.0	-25.7
1353	638972.57	4873714.97	325.08	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	46.0	6.6	-1.0	0.0	0.0	21.0	0.0	0.0	-33.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1360	638967.75	4873736.71	325.45	0	DEN	32	16.0	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-35.6
1360	638967.75	4873736.71	325.45	0	DEN	63	24.2	-0.3	0.0	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-28.7
1360	638967.75	4873736.71	325.45	0	DEN	125	30.3	-0.3	0.0	0.0	0.0	44.8	0.0	0.8	0.0	0.0	8.7	0.0	0.0	-24.4
1360	638967.75	4873736.71	325.45	0	DEN	250	35.8	-0.3	0.0	0.0	0.0	44.8	0.1	1.6	0.0	0.0	10.2	0.0	0.0	-21.1
1360	638967.75	4873736.71	325.45	0	DEN	500	41.2	-0.3	0.0	0.0	0.0	44.8	0.1	-0.7	0.0	0.0	15.0	0.0	0.0	-18.3
1360	638967.75	4873736.71	325.45	0	DEN	1000	47.4	-0.3	0.0	0.0	0.0	44.8	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-15.0
1360	638967.75	4873736.71	325.45	0	DEN	2000	46.6	-0.3	0.0	0.0	0.0	44.8	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-18.9
1360	638967.75	4873736.71	325.45	0	DEN	4000	42.4	-0.3	0.0	0.0	0.0	44.8	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-24.3
1360	638967.75	4873736.71	325.45	0	DEN	8000	39.3	-0.3	0.0	0.0	0.0	44.8	5.7	-1.0	0.0	0.0	21.0	0.0	0.0	-31.5
1366	638932.74	4873894.61	328.13	1	DEN	1000	47.4	-20.8	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-41.0
1366	638932.74	4873894.61	328.13	1	DEN	2000	46.6	-20.8	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-45.1
1366	638932.74	4873894.61	328.13	1	DEN	4000	42.4	-20.8	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-56.1
1366	638932.74	4873894.61	328.13	1	DEN	8000	39.3	-20.8	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-77.2
1380	638796.89	4873893.19	329.92	0	DEN	32	16.0	19.4	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.3	0.0	0.0	-28.7
1380	638796.89	4873893.19	329.92	0	DEN	63	24.2	19.4	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-20.5
1380	638796.89	4873893.19	329.92	0	DEN	125	30.3	19.4	0.0	0.0	0.0	59.2	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-14.5
1380	638796.89	4873893.19	329.92	0	DEN	250	35.8	19.4	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-9.2
1380	638796.89	4873893.19	329.92	0	DEN	500	41.2	19.4	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	-4.1
1380	638796.89	4873893.19	329.92	0	DEN	1000	47.4	19.4	0.0	0.0	0.0	59.2	0.9	-1.6	0.0	0.0	6.7	0.0	0.0	1.5
1380	638796.89	4873893.19	329.92	0	DEN	2000	46.6	19.4	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.1	0.0	0.0	-1.2
1380	638796.89	4873893.19	329.92	0	DEN	4000	42.4	19.4	0.0	0.0	0.0	59.2	8.5	-1.7	0.0	0.0	7.6	0.0	0.0	-11.9
1380	638796.89	4873893.19	329.92	0	DEN	8000	39.3	19.4	0.0	0.0	0.0	59.2	30.2	-1.7	0.0	0.0	8.6	0.0	0.0	-37.6
1388	638825.68	4873894.98	329.58	0	DEN	32	16.0	16.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-30.9
1388	638825.68	4873894.98	329.58	0	DEN	63	24.2	16.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-22.7
1388	638825.68	4873894.98	329.58	0	DEN	125	30.3	16.4	0.0	0.0	0.0	58.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-16.7
1388	638825.68	4873894.98	329.58	0	DEN	250	35.8	16.4	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.2	0.0	0.0	-11.4
1388	638825.68	4873894.98	329.58	0	DEN	500	41.2	16.4	0.0	0.0	0.0	58.4	0.5	-1.1	0.0	0.0	6.1	0.0	0.0	-6.3
1388	638825.68	4873894.98	329.58	0	DEN	1000	47.4	16.4	0.0	0.0	0.0	58.4	0.9	-1.5	0.0	0.0	6.7	0.0	0.0	-0.7
1388	638825.68	4873894.98	329.58	0	DEN	2000	46.6	16.4	0.0	0.0	0.0	58.4	2.3	-1.5	0.0	0.0	7.1	0.0	0.0	-3.3
1388	638825.68	4873894.98	329.58	0	DEN	4000	42.4	16.4	0.0	0.0	0.0	58.4	7.7	-1.5	0.0	0.0	7.8	0.0	0.0	-13.7
1388	638825.68	4873894.98	329.58	0	DEN	8000	39.3	16.4	0.0	0.0	0.0	58.4	27.5	-1.5	0.0	0.0	8.9	0.0	0.0	-37.7
1395	638878.04	4873896.91	328.90	0	DEN	32	16.0	16.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-29.4
1395	638878.04	4873896.91	328.90	0	DEN	63	24.2	16.4	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-21.2
1395	638878.04	4873896.91	328.90	0	DEN	125	30.3	16.4	0.0	0.0	0.0	56.9	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-15.2
1395	638878.04	4873896.91	328.90	0	DEN	250	35.8	16.4	0.0	0.0	0.0	56.9	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-9.9
1395	638878.04	4873896.91	328.90	0	DEN	500	41.2	16.4	0.0	0.0	0.0	56.9	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	-4.9
1395	638878.04	4873896.91	328.90	0	DEN	1000	47.4	16.4	0.0	0.0	0.0	56.9	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	0.6
1395	638878.04	4873896.91	328.90	0	DEN	2000	46.6	16.4	0.0	0.0	0.0	56.9	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	-2.0
1395	638878.04	4873896.91	328.90	0	DEN	4000	42.4	16.4	0.0	0.0	0.0	56.9	6.5	-1.3	0.0	0.0	8.5	0.0	0.0	-11.8
1395	638878.04	4873896.91	328.90	0	DEN	8000	39.3	16.4	0.0	0.0	0.0	56.9	23.1	-1.3	0.0	0.0	10.1	0.0	0.0	-33.1
1430	638971.91	4873713.22	324.69	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-37.9
1430	638971.91	4873713.22	324.69	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	46.3	0.0	-3.0	0.0	0.0	10.3	0.0	0.0	-30.8
1430	638971.91	4873713.22	324.69	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	46.3	0.0	1.0	0.0	0.0	7.9	0.0	0.0	-26.3
1430	638971.91	4873713.22	324.69	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	46.3	0.1	1.9	0.0	0.0	9.1	0.0	0.0	-22.9
1430	638971.91	4873713.22	324.69	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	46.3	0.1	-0.6	0.0	0.0	14.0	0.0	0.0	-20.0
1430	638971.91	4873713.22	324.69	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	46.3	0.2	-1.0	0.0	0.0	17.1	0.0	0.0	-16.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1430	638971.91	4873713.22	324.69	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	46.3	0.6	-1.0	0.0	0.0	19.9	0.0	0.0	-20.6
1430	638971.91	4873713.22	324.69	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	46.3	1.9	-1.0	0.0	0.0	21.0	0.0	0.0	-27.2
1430	638971.91	4873713.22	324.69	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	46.3	6.8	-1.0	0.0	0.0	21.0	0.0	0.0	-35.1
1437	638968.42	4873729.39	325.00	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-37.1
1437	638968.42	4873729.39	325.00	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	10.8	0.0	0.0	-30.2
1437	638968.42	4873729.39	325.00	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	45.2	0.0	0.9	0.0	0.0	8.6	0.0	0.0	-25.9
1437	638968.42	4873729.39	325.00	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	45.2	0.1	1.8	0.0	0.0	10.0	0.0	0.0	-22.6
1437	638968.42	4873729.39	325.00	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	45.2	0.1	-0.6	0.0	0.0	15.0	0.0	0.0	-19.8
1437	638968.42	4873729.39	325.00	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	45.2	0.2	-1.0	0.0	0.0	18.1	0.0	0.0	-16.5
1437	638968.42	4873729.39	325.00	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	45.2	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.5
1437	638968.42	4873729.39	325.00	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	45.2	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-25.9
1437	638968.42	4873729.39	325.00	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	45.2	6.0	-1.0	0.0	0.0	21.0	0.0	0.0	-33.3
1442	638966.67	4873737.49	325.16	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-36.9
1442	638966.67	4873737.49	325.16	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	44.9	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-30.0
1442	638966.67	4873737.49	325.16	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	44.9	0.0	0.8	0.0	0.0	8.8	0.0	0.0	-25.7
1442	638966.67	4873737.49	325.16	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	44.9	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-22.5
1442	638966.67	4873737.49	325.16	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	44.9	0.1	-0.7	0.0	0.0	15.1	0.0	0.0	-19.7
1442	638966.67	4873737.49	325.16	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	44.9	0.2	-1.0	0.0	0.0	18.2	0.0	0.0	-16.3
1442	638966.67	4873737.49	325.16	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	44.9	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-20.2
1442	638966.67	4873737.49	325.16	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	44.9	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-25.5
1442	638966.67	4873737.49	325.16	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	44.9	5.8	-1.0	0.0	0.0	21.0	0.0	0.0	-32.8
1449	638959.67	4873769.84	325.76	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-37.4
1449	638959.67	4873769.84	325.76	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	46.1	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-30.2
1449	638959.67	4873769.84	325.76	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	46.1	0.0	0.8	0.0	0.0	7.5	0.0	0.0	-25.5
1449	638959.67	4873769.84	325.76	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	46.1	0.1	1.7	0.0	0.0	8.6	0.0	0.0	-22.0
1449	638959.67	4873769.84	325.76	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	46.1	0.1	-0.7	0.0	0.0	13.4	0.0	0.0	-19.0
1449	638959.67	4873769.84	325.76	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	46.1	0.2	-1.1	0.0	0.0	16.4	0.0	0.0	-15.5
1449	638959.67	4873769.84	325.76	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	46.1	0.5	-1.1	0.0	0.0	19.2	0.0	0.0	-19.5
1449	638959.67	4873769.84	325.76	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	46.1	1.9	-1.1	0.0	0.0	21.1	0.0	0.0	-26.9
1449	638959.67	4873769.84	325.76	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	46.1	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-34.8
1454	638963.18	4873753.67	325.47	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-36.8
1454	638963.18	4873753.67	325.47	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-29.8
1454	638963.18	4873753.67	325.47	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	45.1	0.0	0.9	0.0	0.0	8.2	0.0	0.0	-25.3
1454	638963.18	4873753.67	325.47	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	45.1	0.1	1.7	0.0	0.0	9.5	0.0	0.0	-22.0
1454	638963.18	4873753.67	325.47	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	14.4	0.0	0.0	-19.1
1454	638963.18	4873753.67	325.47	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	17.4	0.0	0.0	-15.7
1454	638963.18	4873753.67	325.47	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	20.3	0.0	0.0	-19.7
1454	638963.18	4873753.67	325.47	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-25.7
1454	638963.18	4873753.67	325.47	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-33.1
1461	638956.18	4873786.02	326.08	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-38.6
1461	638956.18	4873786.02	326.08	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	47.4	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-31.2
1461	638956.18	4873786.02	326.08	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	47.4	0.0	1.2	0.0	0.0	6.6	0.0	0.0	-26.3
1461	638956.18	4873786.02	326.08	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	47.4	0.1	2.1	0.0	0.0	7.4	0.0	0.0	-22.6
1461	638956.18	4873786.02	326.08	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	47.4	0.1	-0.6	0.0	0.0	12.4	0.0	0.0	-19.5
1461	638956.18	4873786.02	326.08	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	47.4	0.2	-1.0	0.0	0.0	15.3	0.0	0.0	-16.0
1461	638956.18	4873786.02	326.08	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	47.4	0.6	-1.0	0.0	0.0	18.1	0.0	0.0	-19.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1461	638956.18	4873786.02	326.08	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	47.4	2.2	-1.0	0.0	0.0	20.9	0.0	0.0	-28.5
1461	638956.18	4873786.02	326.08	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	47.4	7.7	-1.0	0.0	0.0	21.0	0.0	0.0	-37.3
1467	638949.19	4873818.37	326.68	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-41.0
1467	638949.19	4873818.37	326.68	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-33.3
1467	638949.19	4873818.37	326.68	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	50.3	0.0	1.3	0.0	0.0	5.4	0.0	0.0	-28.1
1467	638949.19	4873818.37	326.68	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	50.3	0.1	2.2	0.0	0.0	5.9	0.0	0.0	-24.0
1467	638949.19	4873818.37	326.68	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	50.3	0.2	-0.7	0.0	0.0	10.6	0.0	0.0	-20.5
1467	638949.19	4873818.37	326.68	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	50.3	0.3	-1.1	0.0	0.0	13.3	0.0	0.0	-16.8
1467	638949.19	4873818.37	326.68	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	50.3	0.9	-1.1	0.0	0.0	15.9	0.0	0.0	-20.7
1467	638949.19	4873818.37	326.68	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	50.3	3.0	-1.1	0.0	0.0	18.7	0.0	0.0	-29.8
1467	638949.19	4873818.37	326.68	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	50.3	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-43.1
1475	638942.20	4873850.73	327.30	0	DEN	32	16.0	-1.4	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-43.1
1475	638942.20	4873850.73	327.30	0	DEN	63	24.2	-1.4	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-35.3
1475	638942.20	4873850.73	327.30	0	DEN	125	30.3	-1.4	0.0	0.0	0.0	52.7	0.0	1.2	0.0	0.0	4.7	0.0	0.0	-29.7
1475	638942.20	4873850.73	327.30	0	DEN	250	35.8	-1.4	0.0	0.0	0.0	52.7	0.1	1.8	0.0	0.0	5.1	0.0	0.0	-25.2
1475	638942.20	4873850.73	327.30	0	DEN	500	41.2	-1.4	0.0	0.0	0.0	52.7	0.2	-0.9	0.0	0.0	9.2	0.0	0.0	-21.4
1475	638942.20	4873850.73	327.30	0	DEN	1000	47.4	-1.4	0.0	0.0	0.0	52.7	0.4	-1.3	0.0	0.0	11.4	0.0	0.0	-17.3
1475	638942.20	4873850.73	327.30	0	DEN	2000	46.6	-1.4	0.0	0.0	0.0	52.7	1.2	-1.3	0.0	0.0	13.8	0.0	0.0	-21.1
1475	638942.20	4873850.73	327.30	0	DEN	4000	42.4	-1.4	0.0	0.0	0.0	52.7	4.0	-1.3	0.0	0.0	16.4	0.0	0.0	-30.8
1475	638942.20	4873850.73	327.30	0	DEN	8000	39.3	-1.4	0.0	0.0	0.0	52.7	14.1	-1.3	0.0	0.0	19.2	0.0	0.0	-46.8
1482	638993.86	4873611.67	322.77	0	DEN	32	16.0	4.2	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-39.2
1482	638993.86	4873611.67	322.77	0	DEN	63	24.2	4.2	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-31.6
1482	638993.86	4873611.67	322.77	0	DEN	125	30.3	4.2	0.0	0.0	0.0	54.1	0.1	1.4	0.0	0.0	5.4	0.0	0.0	-26.5
1482	638993.86	4873611.67	322.77	0	DEN	250	35.8	4.2	0.0	0.0	0.0	54.1	0.1	2.0	0.0	0.0	6.3	0.0	0.0	-22.5
1482	638993.86	4873611.67	322.77	0	DEN	500	41.2	4.2	0.0	0.0	0.0	54.1	0.3	-0.9	0.0	0.0	11.0	0.0	0.0	-19.1
1482	638993.86	4873611.67	322.77	0	DEN	1000	47.4	4.2	0.0	0.0	0.0	54.1	0.5	-1.2	0.0	0.0	13.7	0.0	0.0	-15.5
1482	638993.86	4873611.67	322.77	0	DEN	2000	46.6	4.2	0.0	0.0	0.0	54.1	1.4	-1.2	0.0	0.0	16.3	0.0	0.0	-19.7
1482	638993.86	4873611.67	322.77	0	DEN	4000	42.4	4.2	0.0	0.0	0.0	54.1	4.7	-1.2	0.0	0.0	19.1	0.0	0.0	-30.1
1482	638993.86	4873611.67	322.77	0	DEN	8000	39.3	4.2	0.0	0.0	0.0	54.1	16.7	-1.2	0.0	0.0	21.2	0.0	0.0	-47.3
1488	638989.82	4873630.39	323.14	0	DEN	32	16.0	1.2	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-41.2
1488	638989.82	4873630.39	323.14	0	DEN	63	24.2	1.2	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-33.6
1488	638989.82	4873630.39	323.14	0	DEN	125	30.3	1.2	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.8	0.0	0.0	-28.6
1488	638989.82	4873630.39	323.14	0	DEN	250	35.8	1.2	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.7	0.0	0.0	-24.7
1488	638989.82	4873630.39	323.14	0	DEN	500	41.2	1.2	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.5	0.0	0.0	-21.4
1488	638989.82	4873630.39	323.14	0	DEN	1000	47.4	1.2	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.2	0.0	0.0	-17.8
1488	638989.82	4873630.39	323.14	0	DEN	2000	46.6	1.2	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.9	0.0	0.0	-22.0
1488	638989.82	4873630.39	323.14	0	DEN	4000	42.4	1.2	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.7	0.0	0.0	-31.9
1488	638989.82	4873630.39	323.14	0	DEN	8000	39.3	1.2	0.0	0.0	0.0	53.0	14.6	-1.2	0.0	0.0	21.2	0.0	0.0	-47.1
1492	638983.76	4873658.39	323.64	0	DEN	32	16.0	-1.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-42.5
1492	638983.76	4873658.39	323.64	0	DEN	63	24.2	-1.8	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-35.1
1492	638983.76	4873658.39	323.64	0	DEN	125	30.3	-1.8	0.0	0.0	0.0	51.0	0.0	1.3	0.0	0.0	6.5	0.0	0.0	-30.3
1492	638983.76	4873658.39	323.64	0	DEN	250	35.8	-1.8	0.0	0.0	0.0	51.0	0.1	2.0	0.0	0.0	7.5	0.0	0.0	-26.6
1492	638983.76	4873658.39	323.64	0	DEN	500	41.2	-1.8	0.0	0.0	0.0	51.0	0.2	-0.8	0.0	0.0	12.5	0.0	0.0	-23.5
1492	638983.76	4873658.39	323.64	0	DEN	1000	47.4	-1.8	0.0	0.0	0.0	51.0	0.4	-1.2	0.0	0.0	15.5	0.0	0.0	-20.0
1492	638983.76	4873658.39	323.64	0	DEN	2000	46.6	-1.8	0.0	0.0	0.0	51.0	1.0	-1.2	0.0	0.0	18.2	0.0	0.0	-24.2
1492	638983.76	4873658.39	323.64	0	DEN	4000	42.4	-1.8	0.0	0.0	0.0	51.0	3.3	-1.2	0.0	0.0	21.1	0.0	0.0	-33.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1492	638983.76	4873658.39	323.64	0	DEN	8000	39.3	-1.8	0.0	0.0	0.0	51.0	11.6	-1.2	0.0	0.0	21.2	0.0	0.0	-45.1
1497	638979.72	4873677.09	324.00	0	DEN	32	16.0	-1.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-41.1
1497	638979.72	4873677.09	324.00	0	DEN	63	24.2	-1.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-33.8
1497	638979.72	4873677.09	324.00	0	DEN	125	30.3	-1.8	0.0	0.0	0.0	49.4	0.0	1.4	0.0	0.0	6.8	0.0	0.0	-29.1
1497	638979.72	4873677.09	324.00	0	DEN	250	35.8	-1.8	0.0	0.0	0.0	49.4	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-25.6
1497	638979.72	4873677.09	324.00	0	DEN	500	41.2	-1.8	0.0	0.0	0.0	49.4	0.2	-0.6	0.0	0.0	13.0	0.0	0.0	-22.6
1497	638979.72	4873677.09	324.00	0	DEN	1000	47.4	-1.8	0.0	0.0	0.0	49.4	0.3	-1.0	0.0	0.0	16.0	0.0	0.0	-19.1
1497	638979.72	4873677.09	324.00	0	DEN	2000	46.6	-1.8	0.0	0.0	0.0	49.4	0.8	-1.0	0.0	0.0	18.8	0.0	0.0	-23.2
1497	638979.72	4873677.09	324.00	0	DEN	4000	42.4	-1.8	0.0	0.0	0.0	49.4	2.7	-1.0	0.0	0.0	21.0	0.0	0.0	-31.6
1497	638979.72	4873677.09	324.00	0	DEN	8000	39.3	-1.8	0.0	0.0	0.0	49.4	9.8	-1.0	0.0	0.0	21.0	0.0	0.0	-41.7
1501	638975.69	4873695.79	324.38	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-38.6
1501	638975.69	4873695.79	324.38	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-31.4
1501	638975.69	4873695.79	324.38	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	47.8	0.0	1.1	0.0	0.0	7.4	0.0	0.0	-26.8
1501	638975.69	4873695.79	324.38	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	47.8	0.1	2.0	0.0	0.0	8.5	0.0	0.0	-23.3
1501	638975.69	4873695.79	324.38	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	47.8	0.1	-0.6	0.0	0.0	13.6	0.0	0.0	-20.4
1501	638975.69	4873695.79	324.38	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	47.8	0.3	-1.0	0.0	0.0	16.6	0.0	0.0	-17.0
1501	638975.69	4873695.79	324.38	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	47.8	0.7	-1.0	0.0	0.0	19.4	0.0	0.0	-21.0
1501	638975.69	4873695.79	324.38	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	47.8	2.3	-1.0	0.0	0.0	21.0	0.0	0.0	-28.4
1501	638975.69	4873695.79	324.38	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	47.8	8.1	-1.0	0.0	0.0	21.0	0.0	0.0	-37.3
1506	638979.72	4873677.11	324.03	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-40.1
1506	638979.72	4873677.11	324.03	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	9.8	0.0	0.0	-32.8
1506	638979.72	4873677.11	324.03	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	49.4	0.0	1.4	0.0	0.0	6.7	0.0	0.0	-28.1
1506	638979.72	4873677.11	324.03	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	49.4	0.1	2.4	0.0	0.0	7.7	0.0	0.0	-24.5
1506	638979.72	4873677.11	324.03	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	49.4	0.2	-0.6	0.0	0.0	12.9	0.0	0.0	-21.5
1506	638979.72	4873677.11	324.03	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	49.4	0.3	-1.0	0.0	0.0	15.9	0.0	0.0	-18.1
1506	638979.72	4873677.11	324.03	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	49.4	0.8	-1.0	0.0	0.0	18.7	0.0	0.0	-22.2
1506	638979.72	4873677.11	324.03	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	49.4	2.7	-1.0	0.0	0.0	21.0	0.0	0.0	-30.5
1506	638979.72	4873677.11	324.03	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	49.4	9.8	-1.0	0.0	0.0	21.0	0.0	0.0	-40.6
1512	638981.74	4873667.77	323.85	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	8.8	0.0	0.0	-40.8
1512	638981.74	4873667.77	323.85	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-33.5
1512	638981.74	4873667.77	323.85	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	50.2	0.0	1.4	0.0	0.0	6.6	0.0	0.0	-28.7
1512	638981.74	4873667.77	323.85	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	50.2	0.1	2.2	0.0	0.0	7.6	0.0	0.0	-25.1
1512	638981.74	4873667.77	323.85	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	50.2	0.2	-0.7	0.0	0.0	12.7	0.0	0.0	-22.0
1512	638981.74	4873667.77	323.85	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	50.2	0.3	-1.1	0.0	0.0	15.7	0.0	0.0	-18.5
1512	638981.74	4873667.77	323.85	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	50.2	0.9	-1.1	0.0	0.0	18.5	0.0	0.0	-22.7
1512	638981.74	4873667.77	323.85	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	50.2	3.0	-1.1	0.0	0.0	21.1	0.0	0.0	-31.6
1512	638981.74	4873667.77	323.85	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	50.2	10.7	-1.1	0.0	0.0	21.1	0.0	0.0	-42.4
1518	638989.83	4873630.41	323.16	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-43.2
1518	638989.83	4873630.41	323.16	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.1	0.0	0.0	-35.6
1518	638989.83	4873630.41	323.16	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	53.0	0.1	1.3	0.0	0.0	5.8	0.0	0.0	-30.5
1518	638989.83	4873630.41	323.16	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.7	0.0	0.0	-26.6
1518	638989.83	4873630.41	323.16	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.4	0.0	0.0	-23.3
1518	638989.83	4873630.41	323.16	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.2	0.0	0.0	-19.8
1518	638989.83	4873630.41	323.16	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.9	0.0	0.0	-24.0
1518	638989.83	4873630.41	323.16	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.7	0.0	0.0	-33.9
1518	638989.83	4873630.41	323.16	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	53.0	14.6	-1.2	0.0	0.0	21.2	0.0	0.0	-49.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1525	638997.98	4873592.59	322.41	0	DEN	32	16.0	-12.7	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-57.1
1525	638997.98	4873592.59	322.41	0	DEN	63	24.2	-12.7	0.0	0.0	0.0	55.2	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-49.4
1525	638997.98	4873592.59	322.41	0	DEN	125	30.3	-12.7	0.0	0.0	0.0	55.2	0.1	1.7	0.0	0.0	4.7	0.0	0.0	-44.1
1525	638997.98	4873592.59	322.41	0	DEN	250	35.8	-12.7	0.0	0.0	0.0	55.2	0.2	2.1	0.0	0.0	5.5	0.0	0.0	-39.9
1525	638997.98	4873592.59	322.41	0	DEN	500	41.2	-12.7	0.0	0.0	0.0	55.2	0.3	-0.8	0.0	0.0	10.1	0.0	0.0	-36.3
1525	638997.98	4873592.59	322.41	0	DEN	1000	47.4	-12.7	0.0	0.0	0.0	55.2	0.6	-1.2	0.0	0.0	12.6	0.0	0.0	-32.5
1525	638997.98	4873592.59	322.41	0	DEN	2000	46.6	-12.7	0.0	0.0	0.0	55.2	1.6	-1.2	0.0	0.0	15.2	0.0	0.0	-36.8
1525	638997.98	4873592.59	322.41	0	DEN	4000	42.4	-12.7	0.0	0.0	0.0	55.2	5.3	-1.2	0.0	0.0	17.9	0.0	0.0	-47.5
1525	638997.98	4873592.59	322.41	0	DEN	8000	39.3	-12.7	0.0	0.0	0.0	55.2	18.9	-1.2	0.0	0.0	20.8	0.0	0.0	-67.1
1531	638932.72	4873894.59	328.13	1	DEN	1000	47.4	-22.4	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-42.6
1531	638932.72	4873894.59	328.13	1	DEN	2000	46.6	-22.4	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-46.7
1531	638932.72	4873894.59	328.13	1	DEN	4000	42.4	-22.4	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-57.7
1531	638932.72	4873894.59	328.13	1	DEN	8000	39.3	-22.4	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-78.8
1568	638711.79	4873488.58	323.36	0	DEN	32	16.0	29.1	0.0	0.0	0.0	63.1	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-22.7
1568	638711.79	4873488.58	323.36	0	DEN	63	24.2	29.1	0.0	0.0	0.0	63.1	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-14.6
1568	638711.79	4873488.58	323.36	0	DEN	125	30.3	29.1	0.0	0.0	0.0	63.1	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-8.6
1568	638711.79	4873488.58	323.36	0	DEN	250	35.8	29.1	0.0	0.0	0.0	63.1	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-3.4
1568	638711.79	4873488.58	323.36	0	DEN	500	41.2	29.1	0.0	0.0	0.0	63.1	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	1.6
1568	638711.79	4873488.58	323.36	0	DEN	1000	47.4	29.1	0.0	0.0	0.0	63.1	1.5	-2.1	0.0	0.0	7.1	0.0	0.0	7.0
1568	638711.79	4873488.58	323.36	0	DEN	2000	46.6	29.1	0.0	0.0	0.0	63.1	3.9	-2.1	0.0	0.0	7.3	0.0	0.0	3.6
1568	638711.79	4873488.58	323.36	0	DEN	4000	42.4	29.1	0.0	0.0	0.0	63.1	13.2	-2.1	0.0	0.0	7.7	0.0	0.0	-10.3
1568	638711.79	4873488.58	323.36	0	DEN	8000	39.3	29.1	0.0	0.0	0.0	63.1	46.9	-2.1	0.0	0.0	8.5	0.0	0.0	-47.9
1578	638943.84	4873868.28	327.49	0	DEN	32	16.0	18.3	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-24.2
1578	638943.84	4873868.28	327.49	0	DEN	63	24.2	18.3	0.0	0.0	0.0	53.6	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-16.5
1578	638943.84	4873868.28	327.49	0	DEN	125	30.3	18.3	0.0	0.0	0.0	53.6	0.1	1.4	0.0	0.0	4.7	0.0	0.0	-11.1
1578	638943.84	4873868.28	327.49	0	DEN	250	35.8	18.3	0.0	0.0	0.0	53.6	0.1	1.9	0.0	0.0	5.2	0.0	0.0	-6.8
1578	638943.84	4873868.28	327.49	0	DEN	500	41.2	18.3	0.0	0.0	0.0	53.6	0.3	-0.9	0.0	0.0	9.6	0.0	0.0	-3.0
1578	638943.84	4873868.28	327.49	0	DEN	1000	47.4	18.3	0.0	0.0	0.0	53.6	0.5	-1.2	0.0	0.0	11.9	0.0	0.0	0.9
1578	638943.84	4873868.28	327.49	0	DEN	2000	46.6	18.3	0.0	0.0	0.0	53.6	1.3	-1.2	0.0	0.0	14.4	0.0	0.0	-3.1
1578	638943.84	4873868.28	327.49	0	DEN	4000	42.4	18.3	0.0	0.0	0.0	53.6	4.4	-1.2	0.0	0.0	17.1	0.0	0.0	-13.1
1578	638943.84	4873868.28	327.49	0	DEN	8000	39.3	18.3	0.0	0.0	0.0	53.6	15.7	-1.2	0.0	0.0	19.9	0.0	0.0	-30.4
1585	638933.33	4873895.16	328.12	1	DEN	1000	47.4	-0.4	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	11.0	0.0	1.0	-20.6
1585	638933.33	4873895.16	328.12	1	DEN	2000	46.6	-0.4	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.3	0.0	1.0	-24.8
1585	638933.33	4873895.16	328.12	1	DEN	4000	42.4	-0.4	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.9	0.0	1.0	-35.7
1585	638933.33	4873895.16	328.12	1	DEN	8000	39.3	-0.4	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.6	0.0	1.0	-56.8
1653	638791.15	4873891.36	329.92	0	DEN	32	16.0	18.4	0.0	0.0	0.0	59.4	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-29.8
1653	638791.15	4873891.36	329.92	0	DEN	63	24.2	18.4	0.0	0.0	0.0	59.4	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-21.6
1653	638791.15	4873891.36	329.92	0	DEN	125	30.3	18.4	0.0	0.0	0.0	59.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-15.6
1653	638791.15	4873891.36	329.92	0	DEN	250	35.8	18.4	0.0	0.0	0.0	59.4	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-10.3
1653	638791.15	4873891.36	329.92	0	DEN	500	41.2	18.4	0.0	0.0	0.0	59.4	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	-5.2
1653	638791.15	4873891.36	329.92	0	DEN	1000	47.4	18.4	0.0	0.0	0.0	59.4	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	0.4
1653	638791.15	4873891.36	329.92	0	DEN	2000	46.6	18.4	0.0	0.0	0.0	59.4	2.5	-1.7	0.0	0.0	7.1	0.0	0.0	-2.3
1653	638791.15	4873891.36	329.92	0	DEN	4000	42.4	18.4	0.0	0.0	0.0	59.4	8.6	-1.7	0.0	0.0	7.6	0.0	0.0	-13.1
1653	638791.15	4873891.36	329.92	0	DEN	8000	39.3	18.4	0.0	0.0	0.0	59.4	30.6	-1.7	0.0	0.0	8.6	0.0	0.0	-39.2
1658	638820.72	4873893.40	329.58	0	DEN	32	16.0	15.4	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.1	0.0	0.0	-32.0
1658	638820.72	4873893.40	329.58	0	DEN	63	24.2	15.4	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-23.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1658	638820.72	4873893.40	329.58	0	DEN	125	30.3	15.4	0.0	0.0	0.0	58.6	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-17.8
1658	638820.72	4873893.40	329.58	0	DEN	250	35.8	15.4	0.0	0.0	0.0	58.6	0.2	1.7	0.0	0.0	3.2	0.0	0.0	-12.5
1658	638820.72	4873893.40	329.58	0	DEN	500	41.2	15.4	0.0	0.0	0.0	58.6	0.5	-1.2	0.0	0.0	6.2	0.0	0.0	-7.4
1658	638820.72	4873893.40	329.58	0	DEN	1000	47.4	15.4	0.0	0.0	0.0	58.6	0.9	-1.5	0.0	0.0	6.7	0.0	0.0	-1.8
1658	638820.72	4873893.40	329.58	0	DEN	2000	46.6	15.4	0.0	0.0	0.0	58.6	2.3	-1.6	0.0	0.0	7.1	0.0	0.0	-4.5
1658	638820.72	4873893.40	329.58	0	DEN	4000	42.4	15.4	0.0	0.0	0.0	58.6	7.8	-1.6	0.0	0.0	7.8	0.0	0.0	-14.9
1658	638820.72	4873893.40	329.58	0	DEN	8000	39.3	15.4	0.0	0.0	0.0	58.6	27.9	-1.6	0.0	0.0	8.9	0.0	0.0	-39.1
1665	638875.69	4873896.16	328.90	0	DEN	32	16.0	15.4	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-30.4
1665	638875.69	4873896.16	328.90	0	DEN	63	24.2	15.4	0.0	0.0	0.0	57.0	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-22.2
1665	638875.69	4873896.16	328.90	0	DEN	125	30.3	15.4	0.0	0.0	0.0	57.0	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-16.2
1665	638875.69	4873896.16	328.90	0	DEN	250	35.8	15.4	0.0	0.0	0.0	57.0	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-11.0
1665	638875.69	4873896.16	328.90	0	DEN	500	41.2	15.4	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	-5.9
1665	638875.69	4873896.16	328.90	0	DEN	1000	47.4	15.4	0.0	0.0	0.0	57.0	0.7	-1.3	0.0	0.0	6.8	0.0	0.0	-0.4
1665	638875.69	4873896.16	328.90	0	DEN	2000	46.6	15.4	0.0	0.0	0.0	57.0	1.9	-1.3	0.0	0.0	7.5	0.0	0.0	-3.0
1665	638875.69	4873896.16	328.90	0	DEN	4000	42.4	15.4	0.0	0.0	0.0	57.0	6.5	-1.3	0.0	0.0	8.5	0.0	0.0	-12.9
1665	638875.69	4873896.16	328.90	0	DEN	8000	39.3	15.4	0.0	0.0	0.0	57.0	23.2	-1.3	0.0	0.0	10.1	0.0	0.0	-34.2
1772	638852.72	4873905.77	328.47	0	DEN	32	16.0	21.6	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-25.1
1772	638852.72	4873905.77	328.47	0	DEN	63	24.2	21.6	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-17.0
1772	638852.72	4873905.77	328.47	0	DEN	125	30.3	21.6	0.0	0.0	0.0	57.9	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-11.0
1772	638852.72	4873905.77	328.47	0	DEN	250	35.8	21.6	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.1	0.0	0.0	-5.7
1772	638852.72	4873905.77	328.47	0	DEN	500	41.2	21.6	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	6.2	0.0	0.0	-0.7
1772	638852.72	4873905.77	328.47	0	DEN	1000	47.4	21.6	0.0	0.0	0.0	57.9	0.8	-1.4	0.0	0.0	6.9	0.0	0.0	4.8
1772	638852.72	4873905.77	328.47	0	DEN	2000	46.6	21.6	0.0	0.0	0.0	57.9	2.1	-1.4	0.0	0.0	7.5	0.0	0.0	2.0
1772	638852.72	4873905.77	328.47	0	DEN	4000	42.4	21.6	0.0	0.0	0.0	57.9	7.3	-1.4	0.0	0.0	8.5	0.0	0.0	-8.3
1772	638852.72	4873905.77	328.47	0	DEN	8000	39.3	21.6	0.0	0.0	0.0	57.9	25.9	-1.4	0.0	0.0	10.0	0.0	0.0	-31.6
1780	638586.30	4873682.30	329.63	0	DEN	32	16.0	28.4	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-24.2
1780	638586.30	4873682.30	329.63	0	DEN	63	24.2	28.4	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-16.0
1780	638586.30	4873682.30	329.63	0	DEN	125	30.3	28.4	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-10.1
1780	638586.30	4873682.30	329.63	0	DEN	250	35.8	28.4	0.0	0.0	0.0	63.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-4.9
1780	638586.30	4873682.30	329.63	0	DEN	500	41.2	28.4	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	0.1
1780	638586.30	4873682.30	329.63	0	DEN	1000	47.4	28.4	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	5.4
1780	638586.30	4873682.30	329.63	0	DEN	2000	46.6	28.4	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.4	0.0	0.0	1.8
1780	638586.30	4873682.30	329.63	0	DEN	4000	42.4	28.4	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.9	0.0	0.0	-12.9
1780	638586.30	4873682.30	329.63	0	DEN	8000	39.3	28.4	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	8.6	0.0	0.0	-53.2
1788	638940.88	4873884.30	327.73	0	DEN	32	16.0	18.6	0.0	0.0	0.0	54.5	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-24.7
1788	638940.88	4873884.30	327.73	0	DEN	63	24.2	18.6	0.0	0.0	0.0	54.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-16.9
1788	638940.88	4873884.30	327.73	0	DEN	125	30.3	18.6	0.0	0.0	0.0	54.5	0.1	1.5	0.0	0.0	4.4	0.0	0.0	-11.5
1788	638940.88	4873884.30	327.73	0	DEN	250	35.8	18.6	0.0	0.0	0.0	54.5	0.2	2.0	0.0	0.0	4.8	0.0	0.0	-7.0
1788	638940.88	4873884.30	327.73	0	DEN	500	41.2	18.6	0.0	0.0	0.0	54.5	0.3	-0.9	0.0	0.0	9.0	0.0	0.0	-3.1
1788	638940.88	4873884.30	327.73	0	DEN	1000	47.4	18.6	0.0	0.0	0.0	54.5	0.5	-1.2	0.0	0.0	11.2	0.0	0.0	1.0
1788	638940.88	4873884.30	327.73	0	DEN	2000	46.6	18.6	0.0	0.0	0.0	54.5	1.4	-1.2	0.0	0.0	13.5	0.0	0.0	-3.0
1788	638940.88	4873884.30	327.73	0	DEN	4000	42.4	18.6	0.0	0.0	0.0	54.5	4.9	-1.2	0.0	0.0	16.1	0.0	0.0	-13.3
1788	638940.88	4873884.30	327.73	0	DEN	8000	39.3	18.6	0.0	0.0	0.0	54.5	17.5	-1.2	0.0	0.0	18.9	0.0	0.0	-31.8
1795	638933.99	4873895.76	328.10	1	DEN	1000	47.4	5.3	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	11.1	0.0	1.0	-15.1
1795	638933.99	4873895.76	328.10	1	DEN	2000	46.6	5.3	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.4	0.0	1.0	-19.2
1795	638933.99	4873895.76	328.10	1	DEN	4000	42.4	5.3	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	16.0	0.0	1.0	-30.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1795	638933.99	4873895.76	328.10	1	DEN	8000	39.3	5.3	0.0	0.0	0.0	56.1	21.0	-1.1	0.0	0.0	18.8	0.0	1.0	-51.2
1863	638834.75	4873905.23	328.75	0	DEN	32	16.0	17.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-29.8
1863	638834.75	4873905.23	328.75	0	DEN	63	24.2	17.4	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-21.7
1863	638834.75	4873905.23	328.75	0	DEN	125	30.3	17.4	0.0	0.0	0.0	58.4	0.1	1.2	0.0	0.0	3.7	0.0	0.0	-15.7
1863	638834.75	4873905.23	328.75	0	DEN	250	35.8	17.4	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.2	0.0	0.0	-10.4
1863	638834.75	4873905.23	328.75	0	DEN	500	41.2	17.4	0.0	0.0	0.0	58.4	0.5	-1.1	0.0	0.0	6.2	0.0	0.0	-5.4
1863	638834.75	4873905.23	328.75	0	DEN	1000	47.4	17.4	0.0	0.0	0.0	58.4	0.9	-1.5	0.0	0.0	6.9	0.0	0.0	0.1
1863	638834.75	4873905.23	328.75	0	DEN	2000	46.6	17.4	0.0	0.0	0.0	58.4	2.3	-1.5	0.0	0.0	7.4	0.0	0.0	-2.6
1863	638834.75	4873905.23	328.75	0	DEN	4000	42.4	17.4	0.0	0.0	0.0	58.4	7.7	-1.5	0.0	0.0	8.2	0.0	0.0	-13.1
1863	638834.75	4873905.23	328.75	0	DEN	8000	39.3	17.4	0.0	0.0	0.0	58.4	27.4	-1.5	0.0	0.0	9.6	0.0	0.0	-37.2
1868	638855.20	4873904.37	328.81	0	DEN	32	16.0	14.4	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-32.3
1868	638855.20	4873904.37	328.81	0	DEN	63	24.2	14.4	0.0	0.0	0.0	57.8	0.0	-3.1	0.0	0.0	7.9	0.0	0.0	-24.1
1868	638855.20	4873904.37	328.81	0	DEN	125	30.3	14.4	0.0	0.0	0.0	57.8	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-18.1
1868	638855.20	4873904.37	328.81	0	DEN	250	35.8	14.4	0.0	0.0	0.0	57.8	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-12.8
1868	638855.20	4873904.37	328.81	0	DEN	500	41.2	14.4	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	6.1	0.0	0.0	-7.8
1868	638855.20	4873904.37	328.81	0	DEN	1000	47.4	14.4	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	6.8	0.0	0.0	-2.3
1868	638855.20	4873904.37	328.81	0	DEN	2000	46.6	14.4	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.3	0.0	0.0	-4.9
1868	638855.20	4873904.37	328.81	0	DEN	4000	42.4	14.4	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	8.3	0.0	0.0	-15.1
1868	638855.20	4873904.37	328.81	0	DEN	8000	39.3	14.4	0.0	0.0	0.0	57.8	25.6	-1.4	0.0	0.0	9.7	0.0	0.0	-38.0
1873	638893.08	4873901.69	328.45	0	DEN	32	16.0	14.4	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-31.1
1873	638893.08	4873901.69	328.45	0	DEN	63	24.2	14.4	0.0	0.0	0.0	56.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-22.9
1873	638893.08	4873901.69	328.45	0	DEN	125	30.3	14.4	0.0	0.0	0.0	56.6	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-17.0
1873	638893.08	4873901.69	328.45	0	DEN	250	35.8	14.4	0.0	0.0	0.0	56.6	0.2	1.9	0.0	0.0	3.1	0.0	0.0	-11.7
1873	638893.08	4873901.69	328.45	0	DEN	500	41.2	14.4	0.0	0.0	0.0	56.6	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	-6.7
1873	638893.08	4873901.69	328.45	0	DEN	1000	47.4	14.4	0.0	0.0	0.0	56.6	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	-1.3
1873	638893.08	4873901.69	328.45	0	DEN	2000	46.6	14.4	0.0	0.0	0.0	56.6	1.8	-1.3	0.0	0.0	7.9	0.0	0.0	-4.1
1873	638893.08	4873901.69	328.45	0	DEN	4000	42.4	14.4	0.0	0.0	0.0	56.6	6.3	-1.3	0.0	0.0	9.2	0.0	0.0	-14.0
1873	638893.08	4873901.69	328.45	0	DEN	8000	39.3	14.4	0.0	0.0	0.0	56.6	22.4	-1.3	0.0	0.0	10.9	0.0	0.0	-35.0
2158	638939.08	4873894.04	328.01	0	DEN	32	16.0	18.3	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	7.5	0.0	0.0	-25.2
2158	638939.08	4873894.04	328.01	0	DEN	63	24.2	18.3	0.0	0.0	0.0	55.0	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-17.5
2158	638939.08	4873894.04	328.01	0	DEN	125	30.3	18.3	0.0	0.0	0.0	55.0	0.1	1.6	0.0	0.0	4.1	0.0	0.0	-12.2
2158	638939.08	4873894.04	328.01	0	DEN	250	35.8	18.3	0.0	0.0	0.0	55.0	0.2	2.1	0.0	0.0	4.3	0.0	0.0	-7.5
2158	638939.08	4873894.04	328.01	0	DEN	500	41.2	18.3	0.0	0.0	0.0	55.0	0.3	-0.8	0.0	0.0	8.4	0.0	0.0	-3.5
2158	638939.08	4873894.04	328.01	0	DEN	1000	47.4	18.3	0.0	0.0	0.0	55.0	0.6	-1.2	0.0	0.0	10.5	0.0	0.0	0.7
2158	638939.08	4873894.04	328.01	0	DEN	2000	46.6	18.3	0.0	0.0	0.0	55.0	1.5	-1.2	0.0	0.0	12.7	0.0	0.0	-3.2
2158	638939.08	4873894.04	328.01	0	DEN	4000	42.4	18.3	0.0	0.0	0.0	55.0	5.2	-1.2	0.0	0.0	15.2	0.0	0.0	-13.6
2158	638939.08	4873894.04	328.01	0	DEN	8000	39.3	18.3	0.0	0.0	0.0	55.0	18.6	-1.2	0.0	0.0	18.0	0.0	0.0	-32.9
2163	638935.80	4873897.44	328.14	1	DEN	1000	47.4	11.4	0.0	0.0	0.0	56.0	0.6	-1.1	0.0	0.0	11.4	0.0	1.0	-9.0
2163	638935.80	4873897.44	328.14	1	DEN	2000	46.6	11.4	0.0	0.0	0.0	56.0	1.7	-1.1	0.0	0.0	13.7	0.0	1.0	-13.2
2163	638935.80	4873897.44	328.14	1	DEN	4000	42.4	11.4	0.0	0.0	0.0	56.0	5.8	-1.1	0.0	0.0	16.3	0.0	1.0	-24.1
2163	638935.80	4873897.44	328.14	1	DEN	8000	39.3	11.4	0.0	0.0	0.0	56.0	20.7	-1.1	0.0	0.0	19.1	0.0	1.0	-45.0
2187	638942.39	4873876.11	327.60	0	DEN	32	16.0	16.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-26.4
2187	638942.39	4873876.11	327.60	0	DEN	63	24.2	16.6	0.0	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-18.6
2187	638942.39	4873876.11	327.60	0	DEN	125	30.3	16.6	0.0	0.0	0.0	54.1	0.1	1.4	0.0	0.0	4.6	0.0	0.0	-13.3
2187	638942.39	4873876.11	327.60	0	DEN	250	35.8	16.6	0.0	0.0	0.0	54.1	0.1	1.9	0.0	0.0	5.0	0.0	0.0	-8.8
2187	638942.39	4873876.11	327.60	0	DEN	500	41.2	16.6	0.0	0.0	0.0	54.1	0.3	-0.9	0.0	0.0	9.3	0.0	0.0	-5.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2187	638942.39	4873876.11	327.60	0	DEN	1000	47.4	16.6	0.0	0.0	0.0	54.1	0.5	-1.2	0.0	0.0	11.6	0.0	0.0	-1.0
2187	638942.39	4873876.11	327.60	0	DEN	2000	46.6	16.6	0.0	0.0	0.0	54.1	1.4	-1.2	0.0	0.0	14.0	0.0	0.0	-5.0
2187	638942.39	4873876.11	327.60	0	DEN	4000	42.4	16.6	0.0	0.0	0.0	54.1	4.7	-1.2	0.0	0.0	16.6	0.0	0.0	-15.1
2187	638942.39	4873876.11	327.60	0	DEN	8000	39.3	16.6	0.0	0.0	0.0	54.1	16.6	-1.2	0.0	0.0	19.4	0.0	0.0	-33.0
2193	638933.53	4873895.34	328.11	1	DEN	1000	47.4	-0.0	0.0	0.0	0.0	56.1	0.7	-1.1	0.0	0.0	11.0	0.0	1.0	-20.3
2193	638933.53	4873895.34	328.11	1	DEN	2000	46.6	-0.0	0.0	0.0	0.0	56.1	1.7	-1.1	0.0	0.0	13.3	0.0	1.0	-24.5
2193	638933.53	4873895.34	328.11	1	DEN	4000	42.4	-0.0	0.0	0.0	0.0	56.1	5.9	-1.1	0.0	0.0	15.9	0.0	1.0	-35.4
2193	638933.53	4873895.34	328.11	1	DEN	8000	39.3	-0.0	0.0	0.0	0.0	56.1	21.1	-1.1	0.0	0.0	18.7	0.0	1.0	-56.5
2268	638970.50	4873721.71	325.05	0	DEN	32	16.0	-1.8	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-37.7
2268	638970.50	4873721.71	325.05	0	DEN	63	24.2	-1.8	0.0	0.0	0.0	45.6	0.0	-3.0	0.0	0.0	10.5	0.0	0.0	-30.7
2268	638970.50	4873721.71	325.05	0	DEN	125	30.3	-1.8	0.0	0.0	0.0	45.6	0.0	0.8	0.0	0.0	8.4	0.0	0.0	-26.2
2268	638970.50	4873721.71	325.05	0	DEN	250	35.8	-1.8	0.0	0.0	0.0	45.6	0.1	1.6	0.0	0.0	9.7	0.0	0.0	-22.9
2268	638970.50	4873721.71	325.05	0	DEN	500	41.2	-1.8	0.0	0.0	0.0	45.6	0.1	-0.7	0.0	0.0	14.5	0.0	0.0	-20.0
2268	638970.50	4873721.71	325.05	0	DEN	1000	47.4	-1.8	0.0	0.0	0.0	45.6	0.2	-1.1	0.0	0.0	17.6	0.0	0.0	-16.7
2268	638970.50	4873721.71	325.05	0	DEN	2000	46.6	-1.8	0.0	0.0	0.0	45.6	0.5	-1.1	0.0	0.0	20.4	0.0	0.0	-20.6
2268	638970.50	4873721.71	325.05	0	DEN	4000	42.4	-1.8	0.0	0.0	0.0	45.6	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-26.7
2268	638970.50	4873721.71	325.05	0	DEN	8000	39.3	-1.8	0.0	0.0	0.0	45.6	6.3	-1.1	0.0	0.0	21.1	0.0	0.0	-34.3
2273	638963.45	4873753.99	325.63	0	DEN	32	16.0	-1.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-37.1
2273	638963.45	4873753.99	325.63	0	DEN	63	24.2	-1.8	0.0	0.0	0.0	45.0	0.0	-3.0	0.0	0.0	10.4	0.0	0.0	-30.0
2273	638963.45	4873753.99	325.63	0	DEN	125	30.3	-1.8	0.0	0.0	0.0	45.0	0.0	0.9	0.0	0.0	8.1	0.0	0.0	-25.6
2273	638963.45	4873753.99	325.63	0	DEN	250	35.8	-1.8	0.0	0.0	0.0	45.0	0.1	1.7	0.0	0.0	9.4	0.0	0.0	-22.2
2273	638963.45	4873753.99	325.63	0	DEN	500	41.2	-1.8	0.0	0.0	0.0	45.0	0.1	-0.6	0.0	0.0	14.2	0.0	0.0	-19.3
2273	638963.45	4873753.99	325.63	0	DEN	1000	47.4	-1.8	0.0	0.0	0.0	45.0	0.2	-1.0	0.0	0.0	17.3	0.0	0.0	-15.9
2273	638963.45	4873753.99	325.63	0	DEN	2000	46.6	-1.8	0.0	0.0	0.0	45.0	0.5	-1.0	0.0	0.0	20.1	0.0	0.0	-19.9
2273	638963.45	4873753.99	325.63	0	DEN	4000	42.4	-1.8	0.0	0.0	0.0	45.0	1.6	-1.0	0.0	0.0	21.0	0.0	0.0	-26.1
2273	638963.45	4873753.99	325.63	0	DEN	8000	39.3	-1.8	0.0	0.0	0.0	45.0	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-33.4
2280	638959.92	4873770.14	325.91	0	DEN	32	16.0	-1.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-37.8
2280	638959.92	4873770.14	325.91	0	DEN	63	24.2	-1.8	0.0	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-30.5
2280	638959.92	4873770.14	325.91	0	DEN	125	30.3	-1.8	0.0	0.0	0.0	46.0	0.0	0.8	0.0	0.0	7.4	0.0	0.0	-25.8
2280	638959.92	4873770.14	325.91	0	DEN	250	35.8	-1.8	0.0	0.0	0.0	46.0	0.1	1.7	0.0	0.0	8.5	0.0	0.0	-22.2
2280	638959.92	4873770.14	325.91	0	DEN	500	41.2	-1.8	0.0	0.0	0.0	46.0	0.1	-0.7	0.0	0.0	13.2	0.0	0.0	-19.2
2280	638959.92	4873770.14	325.91	0	DEN	1000	47.4	-1.8	0.0	0.0	0.0	46.0	0.2	-1.1	0.0	0.0	16.2	0.0	0.0	-15.8
2280	638959.92	4873770.14	325.91	0	DEN	2000	46.6	-1.8	0.0	0.0	0.0	46.0	0.5	-1.1	0.0	0.0	19.0	0.0	0.0	-19.7
2280	638959.92	4873770.14	325.91	0	DEN	4000	42.4	-1.8	0.0	0.0	0.0	46.0	1.8	-1.1	0.0	0.0	21.1	0.0	0.0	-27.3
2280	638959.92	4873770.14	325.91	0	DEN	8000	39.3	-1.8	0.0	0.0	0.0	46.0	6.6	-1.1	0.0	0.0	21.1	0.0	0.0	-35.1
2286	638945.81	4873834.69	327.06	0	DEN	32	16.0	-1.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.2	0.0	0.0	-42.5
2286	638945.81	4873834.69	327.06	0	DEN	63	24.2	-1.8	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-34.7
2286	638945.81	4873834.69	327.06	0	DEN	125	30.3	-1.8	0.0	0.0	0.0	51.5	0.0	1.1	0.0	0.0	5.2	0.0	0.0	-29.3
2286	638945.81	4873834.69	327.06	0	DEN	250	35.8	-1.8	0.0	0.0	0.0	51.5	0.1	1.7	0.0	0.0	5.6	0.0	0.0	-25.0
2286	638945.81	4873834.69	327.06	0	DEN	500	41.2	-1.8	0.0	0.0	0.0	51.5	0.2	-0.9	0.0	0.0	9.9	0.0	0.0	-21.3
2286	638945.81	4873834.69	327.06	0	DEN	1000	47.4	-1.8	0.0	0.0	0.0	51.5	0.4	-1.3	0.0	0.0	12.3	0.0	0.0	-17.3
2286	638945.81	4873834.69	327.06	0	DEN	2000	46.6	-1.8	0.0	0.0	0.0	51.5	1.0	-1.3	0.0	0.0	14.8	0.0	0.0	-21.2
2286	638945.81	4873834.69	327.06	0	DEN	4000	42.4	-1.8	0.0	0.0	0.0	51.5	3.5	-1.3	0.0	0.0	17.5	0.0	0.0	-30.6
2286	638945.81	4873834.69	327.06	0	DEN	8000	39.3	-1.8	0.0	0.0	0.0	51.5	12.4	-1.3	0.0	0.0	20.3	0.0	0.0	-45.5
2290	638990.60	4873629.69	323.42	0	DEN	32	16.0	-0.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.4	0.0	0.0	-42.8
2290	638990.60	4873629.69	323.42	0	DEN	63	24.2	-0.4	0.0	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-35.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2290	638990.60	4873629.69	323.42	0	DEN	125	30.3	-0.4	0.0	0.0	0.0	53.0	0.1	1.4	0.0	0.0	5.6	0.0	0.0	-30.1
2290	638990.60	4873629.69	323.42	0	DEN	250	35.8	-0.4	0.0	0.0	0.0	53.0	0.1	1.9	0.0	0.0	6.5	0.0	0.0	-26.1
2290	638990.60	4873629.69	323.42	0	DEN	500	41.2	-0.4	0.0	0.0	0.0	53.0	0.2	-0.9	0.0	0.0	11.2	0.0	0.0	-22.8
2290	638990.60	4873629.69	323.42	0	DEN	1000	47.4	-0.4	0.0	0.0	0.0	53.0	0.5	-1.2	0.0	0.0	14.0	0.0	0.0	-19.2
2290	638990.60	4873629.69	323.42	0	DEN	2000	46.6	-0.4	0.0	0.0	0.0	53.0	1.2	-1.2	0.0	0.0	16.6	0.0	0.0	-23.4
2290	638990.60	4873629.69	323.42	0	DEN	4000	42.4	-0.4	0.0	0.0	0.0	53.0	4.1	-1.2	0.0	0.0	19.4	0.0	0.0	-33.3
2290	638990.60	4873629.69	323.42	0	DEN	8000	39.3	-0.4	0.0	0.0	0.0	53.0	14.7	-1.2	0.0	0.0	21.2	0.0	0.0	-48.8
2298	638983.97	4873660.05	323.96	0	DEN	32	16.0	-0.4	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-40.9
2298	638983.97	4873660.05	323.96	0	DEN	63	24.2	-0.4	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-33.5
2298	638983.97	4873660.05	323.96	0	DEN	125	30.3	-0.4	0.0	0.0	0.0	50.8	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-28.6
2298	638983.97	4873660.05	323.96	0	DEN	250	35.8	-0.4	0.0	0.0	0.0	50.8	0.1	2.0	0.0	0.0	7.4	0.0	0.0	-24.9
2298	638983.97	4873660.05	323.96	0	DEN	500	41.2	-0.4	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	12.4	0.0	0.0	-21.8
2298	638983.97	4873660.05	323.96	0	DEN	1000	47.4	-0.4	0.0	0.0	0.0	50.8	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-18.3
2298	638983.97	4873660.05	323.96	0	DEN	2000	46.6	-0.4	0.0	0.0	0.0	50.8	0.9	-1.2	0.0	0.0	18.0	0.0	0.0	-22.4
2298	638983.97	4873660.05	323.96	0	DEN	4000	42.4	-0.4	0.0	0.0	0.0	50.8	3.2	-1.2	0.0	0.0	20.9	0.0	0.0	-31.8
2298	638983.97	4873660.05	323.96	0	DEN	8000	39.3	-0.4	0.0	0.0	0.0	50.8	11.4	-1.2	0.0	0.0	21.2	0.0	0.0	-43.3
2304	638977.35	4873690.41	324.49	0	DEN	32	16.0	-2.1	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.0	0.0	0.0	-40.3
2304	638977.35	4873690.41	324.49	0	DEN	63	24.2	-2.1	0.0	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	9.9	0.0	0.0	-33.0
2304	638977.35	4873690.41	324.49	0	DEN	125	30.3	-2.1	0.0	0.0	0.0	48.2	0.0	1.1	0.0	0.0	7.2	0.0	0.0	-28.4
2304	638977.35	4873690.41	324.49	0	DEN	250	35.8	-2.1	0.0	0.0	0.0	48.2	0.1	2.0	0.0	0.0	8.2	0.0	0.0	-24.8
2304	638977.35	4873690.41	324.49	0	DEN	500	41.2	-2.1	0.0	0.0	0.0	48.2	0.1	-0.7	0.0	0.0	13.3	0.0	0.0	-21.8
2304	638977.35	4873690.41	324.49	0	DEN	1000	47.4	-2.1	0.0	0.0	0.0	48.2	0.3	-1.1	0.0	0.0	16.3	0.0	0.0	-18.4
2304	638977.35	4873690.41	324.49	0	DEN	2000	46.6	-2.1	0.0	0.0	0.0	48.2	0.7	-1.1	0.0	0.0	19.1	0.0	0.0	-22.5
2304	638977.35	4873690.41	324.49	0	DEN	4000	42.4	-2.1	0.0	0.0	0.0	48.2	2.4	-1.1	0.0	0.0	21.1	0.0	0.0	-30.3
2304	638977.35	4873690.41	324.49	0	DEN	8000	39.3	-2.1	0.0	0.0	0.0	48.2	8.5	-1.1	0.0	0.0	21.1	0.0	0.0	-39.5
2311	638983.98	4873660.07	323.95	0	DEN	32	16.0	-2.1	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-42.6
2311	638983.98	4873660.07	323.95	0	DEN	63	24.2	-2.1	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-35.2
2311	638983.98	4873660.07	323.95	0	DEN	125	30.3	-2.1	0.0	0.0	0.0	50.8	0.0	1.3	0.0	0.0	6.4	0.0	0.0	-30.3
2311	638983.98	4873660.07	323.95	0	DEN	250	35.8	-2.1	0.0	0.0	0.0	50.8	0.1	2.0	0.0	0.0	7.4	0.0	0.0	-26.6
2311	638983.98	4873660.07	323.95	0	DEN	500	41.2	-2.1	0.0	0.0	0.0	50.8	0.2	-0.8	0.0	0.0	12.4	0.0	0.0	-23.5
2311	638983.98	4873660.07	323.95	0	DEN	1000	47.4	-2.1	0.0	0.0	0.0	50.8	0.4	-1.1	0.0	0.0	15.3	0.0	0.0	-20.0
2311	638983.98	4873660.07	323.95	0	DEN	2000	46.6	-2.1	0.0	0.0	0.0	50.8	0.9	-1.2	0.0	0.0	18.0	0.0	0.0	-24.1
2311	638983.98	4873660.07	323.95	0	DEN	4000	42.4	-2.1	0.0	0.0	0.0	50.8	3.2	-1.2	0.0	0.0	20.9	0.0	0.0	-33.4
2311	638983.98	4873660.07	323.95	0	DEN	8000	39.3	-2.1	0.0	0.0	0.0	50.8	11.4	-1.2	0.0	0.0	21.2	0.0	0.0	-45.0
2318	638993.99	4873614.16	323.14	0	DEN	32	16.0	-16.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-60.1
2318	638993.99	4873614.16	323.14	0	DEN	63	24.2	-16.8	0.0	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-52.5
2318	638993.99	4873614.16	323.14	0	DEN	125	30.3	-16.8	0.0	0.0	0.0	54.0	0.1	1.4	0.0	0.0	5.3	0.0	0.0	-47.3
2318	638993.99	4873614.16	323.14	0	DEN	250	35.8	-16.8	0.0	0.0	0.0	54.0	0.1	2.0	0.0	0.0	6.2	0.0	0.0	-43.2
2318	638993.99	4873614.16	323.14	0	DEN	500	41.2	-16.8	0.0	0.0	0.0	54.0	0.3	-0.9	0.0	0.0	10.8	0.0	0.0	-39.8
2318	638993.99	4873614.16	323.14	0	DEN	1000	47.4	-16.8	0.0	0.0	0.0	54.0	0.5	-1.2	0.0	0.0	13.5	0.0	0.0	-36.2
2318	638993.99	4873614.16	323.14	0	DEN	2000	46.6	-16.8	0.0	0.0	0.0	54.0	1.4	-1.2	0.0	0.0	16.1	0.0	0.0	-40.4
2318	638993.99	4873614.16	323.14	0	DEN	4000	42.4	-16.8	0.0	0.0	0.0	54.0	4.6	-1.2	0.0	0.0	18.9	0.0	0.0	-50.7
2318	638993.99	4873614.16	323.14	0	DEN	8000	39.3	-16.8	0.0	0.0	0.0	54.0	16.4	-1.2	0.0	0.0	21.2	0.0	0.0	-67.9
2323	638932.73	4873894.60	328.13	1	DEN	1000	47.4	-25.8	0.0	0.0	0.0	56.2	0.7	-1.1	0.0	0.0	10.9	0.0	1.0	-46.0
2323	638932.73	4873894.60	328.13	1	DEN	2000	46.6	-25.8	0.0	0.0	0.0	56.2	1.8	-1.1	0.0	0.0	13.1	0.0	1.0	-50.1
2323	638932.73	4873894.60	328.13	1	DEN	4000	42.4	-25.8	0.0	0.0	0.0	56.2	5.9	-1.1	0.0	0.0	15.7	0.0	1.0	-61.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2323	638932.73	4873894.60	328.13	1	DEN	8000	39.3	-25.8	0.0	0.0	0.0	56.2	21.2	-1.1	0.0	0.0	18.5	0.0	1.0	-82.2
2365	638891.22	4873927.21	329.07	0	DEN	32	16.0	19.9	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-26.5
2365	638891.22	4873927.21	329.07	0	DEN	63	24.2	19.9	0.0	0.0	0.0	57.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-18.3
2365	638891.22	4873927.21	329.07	0	DEN	125	30.3	19.9	0.0	0.0	0.0	57.6	0.1	1.5	0.0	0.0	3.4	0.0	0.0	-12.3
2365	638891.22	4873927.21	329.07	0	DEN	250	35.8	19.9	0.0	0.0	0.0	57.6	0.2	2.0	0.0	0.0	2.9	0.0	0.0	-7.0
2365	638891.22	4873927.21	329.07	0	DEN	500	41.2	19.9	0.0	0.0	0.0	57.6	0.4	-0.9	0.0	0.0	6.0	0.0	0.0	-1.9
2365	638891.22	4873927.21	329.07	0	DEN	1000	47.4	19.9	0.0	0.0	0.0	57.6	0.8	-1.3	0.0	0.0	6.6	0.0	0.0	3.6
2365	638891.22	4873927.21	329.07	0	DEN	2000	46.6	19.9	0.0	0.0	0.0	57.6	2.1	-1.3	0.0	0.0	7.1	0.0	0.0	1.1
2365	638891.22	4873927.21	329.07	0	DEN	4000	42.4	19.9	0.0	0.0	0.0	57.6	7.0	-1.3	0.0	0.0	8.0	0.0	0.0	-8.9
2365	638891.22	4873927.21	329.07	0	DEN	8000	39.3	19.9	0.0	0.0	0.0	57.6	24.9	-1.3	0.0	0.0	9.3	0.0	0.0	-31.2
2371	638536.72	4873766.98	331.91	0	DEN	32	16.0	27.0	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-26.4
2371	638536.72	4873766.98	331.91	0	DEN	63	24.2	27.0	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-18.2
2371	638536.72	4873766.98	331.91	0	DEN	125	30.3	27.0	0.0	0.0	0.0	64.6	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-12.3
2371	638536.72	4873766.98	331.91	0	DEN	250	35.8	27.0	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-7.1
2371	638536.72	4873766.98	331.91	0	DEN	500	41.2	27.0	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-2.1
2371	638536.72	4873766.98	331.91	0	DEN	1000	47.4	27.0	0.0	0.0	0.0	64.6	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	3.2
2371	638536.72	4873766.98	331.91	0	DEN	2000	46.6	27.0	0.0	0.0	0.0	64.6	4.6	-2.2	0.0	0.0	7.2	0.0	0.0	-0.5
2371	638536.72	4873766.98	331.91	0	DEN	4000	42.4	27.0	0.0	0.0	0.0	64.6	15.6	-2.2	0.0	0.0	7.3	0.0	0.0	-15.9
2371	638536.72	4873766.98	331.91	0	DEN	8000	39.3	27.0	0.0	0.0	0.0	64.6	55.8	-2.2	0.0	0.0	7.7	0.0	0.0	-59.5
2377	638531.73	4873812.61	332.71	1	DEN	4000	42.4	-24.6	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-76.7
2377	638531.73	4873812.61	332.71	1	DEN	8000	39.3	-24.6	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-132.4
2383	638531.57	4873787.00	332.35	1	DEN	4000	42.4	18.7	0.0	0.0	0.0	67.3	21.4	-3.0	0.0	0.0	7.8	0.0	2.0	-34.5
2383	638531.57	4873787.00	332.35	1	DEN	8000	39.3	18.7	0.0	0.0	0.0	67.3	76.5	-3.0	0.0	0.0	7.8	0.0	2.0	-92.7
2388	638531.11	4873797.75	332.52	1	DEN	4000	42.4	15.9	0.0	0.0	0.0	67.2	21.1	-2.9	0.0	0.0	7.7	0.0	2.0	-36.8
2388	638531.11	4873797.75	332.52	1	DEN	8000	39.3	15.9	0.0	0.0	0.0	67.2	75.3	-2.9	0.0	0.0	7.7	0.0	2.0	-94.1
2457	638918.00	4873542.18	323.23	0	DEN	32	16.0	12.2	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-34.9
2457	638918.00	4873542.18	323.23	0	DEN	63	24.2	12.2	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-26.8
2457	638918.00	4873542.18	323.23	0	DEN	125	30.3	12.2	0.0	0.0	0.0	58.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-20.8
2457	638918.00	4873542.18	323.23	0	DEN	250	35.8	12.2	0.0	0.0	0.0	58.3	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-15.5
2457	638918.00	4873542.18	323.23	0	DEN	500	41.2	12.2	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	6.3	0.0	0.0	-10.6
2457	638918.00	4873542.18	323.23	0	DEN	1000	47.4	12.2	0.0	0.0	0.0	58.3	0.8	-1.5	0.0	0.0	7.0	0.0	0.0	-5.1
2457	638918.00	4873542.18	323.23	0	DEN	2000	46.6	12.2	0.0	0.0	0.0	58.3	2.2	-1.5	0.0	0.0	7.7	0.0	0.0	-8.0
2457	638918.00	4873542.18	323.23	0	DEN	4000	42.4	12.2	0.0	0.0	0.0	58.3	7.6	-1.5	0.0	0.0	8.8	0.0	0.0	-18.7
2457	638918.00	4873542.18	323.23	0	DEN	8000	39.3	12.2	0.0	0.0	0.0	58.3	27.1	-1.5	0.0	0.0	10.4	0.0	0.0	-42.9
2464	638956.12	4873555.56	322.35	0	DEN	32	16.0	12.2	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-33.9
2464	638956.12	4873555.56	322.35	0	DEN	63	24.2	12.2	0.0	0.0	0.0	57.3	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-25.8
2464	638956.12	4873555.56	322.35	0	DEN	125	30.3	12.2	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-19.9
2464	638956.12	4873555.56	322.35	0	DEN	250	35.8	12.2	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-14.7
2464	638956.12	4873555.56	322.35	0	DEN	500	41.2	12.2	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.5	0.0	0.0	-9.9
2464	638956.12	4873555.56	322.35	0	DEN	1000	47.4	12.2	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.6	0.0	0.0	-4.7
2464	638956.12	4873555.56	322.35	0	DEN	2000	46.6	12.2	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.7	0.0	0.0	-7.9
2464	638956.12	4873555.56	322.35	0	DEN	4000	42.4	12.2	0.0	0.0	0.0	57.3	6.7	-1.3	0.0	0.0	10.3	0.0	0.0	-18.4
2464	638956.12	4873555.56	322.35	0	DEN	8000	39.3	12.2	0.0	0.0	0.0	57.3	24.1	-1.3	0.0	0.0	12.4	0.0	0.0	-41.0
2470	638883.64	4873530.30	323.69	0	DEN	32	16.0	15.2	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.3	0.0	0.0	-32.8
2470	638883.64	4873530.30	323.69	0	DEN	63	24.2	15.2	0.0	0.0	0.0	59.2	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-24.7
2470	638883.64	4873530.30	323.69	0	DEN	125	30.3	15.2	0.0	0.0	0.0	59.2	0.1	1.1	0.0	0.0	3.8	0.0	0.0	-18.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2470	638883.64	4873530.30	323.69	0	DEN	250	35.8	15.2	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-13.4
2470	638883.64	4873530.30	323.69	0	DEN	500	41.2	15.2	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.3	0.0	0.0	-8.4
2470	638883.64	4873530.30	323.69	0	DEN	1000	47.4	15.2	0.0	0.0	0.0	59.2	0.9	-1.7	0.0	0.0	7.0	0.0	0.0	-2.9
2470	638883.64	4873530.30	323.69	0	DEN	2000	46.6	15.2	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.5	0.0	0.0	-5.7
2470	638883.64	4873530.30	323.69	0	DEN	4000	42.4	15.2	0.0	0.0	0.0	59.2	8.5	-1.7	0.0	0.0	8.3	0.0	0.0	-16.7
2470	638883.64	4873530.30	323.69	0	DEN	8000	39.3	15.2	0.0	0.0	0.0	59.2	30.2	-1.7	0.0	0.0	9.6	0.0	0.0	-42.9
2476	639001.61	4873571.43	321.47	1	DEN	250	35.8	-32.0	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-61.1
2476	639001.61	4873571.43	321.47	1	DEN	500	41.2	-32.0	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-57.4
2476	639001.61	4873571.43	321.47	1	DEN	1000	47.4	-32.0	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-53.6
2476	639001.61	4873571.43	321.47	1	DEN	2000	46.6	-32.0	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-57.9
2476	639001.61	4873571.43	321.47	1	DEN	4000	42.4	-32.0	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-69.2
2476	639001.61	4873571.43	321.47	1	DEN	8000	39.3	-32.0	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-90.9
2483	639001.09	4873571.25	321.48	1	DEN	250	35.8	-24.6	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-53.5
2483	639001.09	4873571.25	321.48	1	DEN	500	41.2	-24.6	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-49.8
2483	639001.09	4873571.25	321.48	1	DEN	1000	47.4	-24.6	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-46.0
2483	639001.09	4873571.25	321.48	1	DEN	2000	46.6	-24.6	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-50.3
2483	639001.09	4873571.25	321.48	1	DEN	4000	42.4	-24.6	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-61.5
2483	639001.09	4873571.25	321.48	1	DEN	8000	39.3	-24.6	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-83.2
2490	638988.00	4873566.68	321.74	1	DEN	250	35.8	1.9	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-25.9
2490	638988.00	4873566.68	321.74	1	DEN	500	41.2	1.9	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-21.5
2490	638988.00	4873566.68	321.74	1	DEN	1000	47.4	1.9	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-16.9
2490	638988.00	4873566.68	321.74	1	DEN	2000	46.6	1.9	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.7	0.0	1.0	-20.6
2490	638988.00	4873566.68	321.74	1	DEN	4000	42.4	1.9	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.9	0.0	1.0	-31.4
2490	638988.00	4873566.68	321.74	1	DEN	8000	39.3	1.9	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.4	0.0	1.0	-53.3
2496	638975.77	4873562.41	321.98	1	DEN	250	35.8	2.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.3	0.0	1.0	-25.0
2496	638975.77	4873562.41	321.98	1	DEN	500	41.2	2.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-20.3
2496	638975.77	4873562.41	321.98	1	DEN	1000	47.4	2.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	8.0	0.0	1.0	-15.3
2496	638975.77	4873562.41	321.98	1	DEN	2000	46.6	2.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.3	0.0	1.0	-18.7
2496	638975.77	4873562.41	321.98	1	DEN	4000	42.4	2.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.2	0.0	1.0	-29.3
2496	638975.77	4873562.41	321.98	1	DEN	8000	39.3	2.8	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.5	0.0	1.0	-51.5
2503	638965.09	4873558.68	322.20	1	DEN	250	35.8	4.9	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-22.9
2503	638965.09	4873558.68	322.20	1	DEN	500	41.2	4.9	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-18.1
2503	638965.09	4873558.68	322.20	1	DEN	1000	47.4	4.9	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	-12.9
2503	638965.09	4873558.68	322.20	1	DEN	2000	46.6	4.9	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.7	0.0	1.0	-16.1
2503	638965.09	4873558.68	322.20	1	DEN	4000	42.4	4.9	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.4	0.0	1.0	-26.7
2503	638965.09	4873558.68	322.20	1	DEN	8000	39.3	4.9	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.5	0.0	1.0	-49.1
2510	638953.80	4873554.74	322.42	1	DEN	250	35.8	5.8	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-22.2
2510	638953.80	4873554.74	322.42	1	DEN	500	41.2	5.8	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-17.4
2510	638953.80	4873554.74	322.42	1	DEN	1000	47.4	5.8	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-12.1
2510	638953.80	4873554.74	322.42	1	DEN	2000	46.6	5.8	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.4	0.0	1.0	-15.2
2510	638953.80	4873554.74	322.42	1	DEN	4000	42.4	5.8	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.9	0.0	1.0	-25.8
2510	638953.80	4873554.74	322.42	1	DEN	8000	39.3	5.8	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.9	0.0	1.0	-48.6
2516	638943.65	4873551.19	322.62	1	DEN	250	35.8	5.9	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-22.4
2516	638943.65	4873551.19	322.62	1	DEN	500	41.2	5.9	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.4	0.0	1.0	-17.5
2516	638943.65	4873551.19	322.62	1	DEN	1000	47.4	5.9	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.3	0.0	1.0	-12.2
2516	638943.65	4873551.19	322.62	1	DEN	2000	46.6	5.9	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.2	0.0	1.0	-15.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2516	638943.65	4873551.19	322.62	1	DEN	4000	42.4	5.9	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.6	0.0	1.0	-25.8
2516	638943.65	4873551.19	322.62	1	DEN	8000	39.3	5.9	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.5	0.0	1.0	-49.0
2522	638925.12	4873544.72	322.99	1	DEN	250	35.8	11.6	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-17.0
2522	638925.12	4873544.72	322.99	1	DEN	500	41.2	11.6	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.3	0.0	1.0	-12.0
2522	638925.12	4873544.72	322.99	1	DEN	1000	47.4	11.6	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-6.6
2522	638925.12	4873544.72	322.99	1	DEN	2000	46.6	11.6	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.8	0.0	1.0	-9.5
2522	638925.12	4873544.72	322.99	1	DEN	4000	42.4	11.6	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	9.0	0.0	1.0	-20.2
2522	638925.12	4873544.72	322.99	1	DEN	8000	39.3	11.6	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.6	0.0	1.0	-44.2
2527	638899.43	4873535.75	323.50	1	DEN	250	35.8	12.7	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.3	0.0	1.0	-16.6
2527	638899.43	4873535.75	323.50	1	DEN	500	41.2	12.7	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.3	0.0	1.0	-11.5
2527	638899.43	4873535.75	323.50	1	DEN	1000	47.4	12.7	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	7.0	0.0	1.0	-6.1
2527	638899.43	4873535.75	323.50	1	DEN	2000	46.6	12.7	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.5	0.0	1.0	-8.9
2527	638899.43	4873535.75	323.50	1	DEN	4000	42.4	12.7	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.4	0.0	1.0	-19.7
2527	638899.43	4873535.75	323.50	1	DEN	8000	39.3	12.7	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.8	0.0	1.0	-45.1
2533	638886.58	4873531.26	323.75	1	DEN	250	35.8	0.7	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	1.0	-29.0
2533	638886.58	4873531.26	323.75	1	DEN	500	41.2	0.7	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.3	0.0	1.0	-23.9
2533	638886.58	4873531.26	323.75	1	DEN	1000	47.4	0.7	0.0	0.0	0.0	59.2	0.9	-1.7	0.0	0.0	6.9	0.0	1.0	-18.4
2533	638886.58	4873531.26	323.75	1	DEN	2000	46.6	0.7	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.4	0.0	1.0	-21.2
2533	638886.58	4873531.26	323.75	1	DEN	4000	42.4	0.7	0.0	0.0	0.0	59.2	8.5	-1.7	0.0	0.0	8.2	0.0	1.0	-32.2
2533	638886.58	4873531.26	323.75	1	DEN	8000	39.3	0.7	0.0	0.0	0.0	59.2	30.2	-1.7	0.0	0.0	9.4	0.0	1.0	-58.2
2539	638872.28	4873526.35	323.88	1	DEN	250	35.8	12.3	0.0	0.0	0.0	59.6	0.3	1.5	0.0	0.0	3.4	0.0	1.0	-17.7
2539	638872.28	4873526.35	323.88	1	DEN	500	41.2	12.3	0.0	0.0	0.0	59.6	0.5	-1.3	0.0	0.0	6.3	0.0	1.0	-12.7
2539	638872.28	4873526.35	323.88	1	DEN	1000	47.4	12.3	0.0	0.0	0.0	59.6	1.0	-1.7	0.0	0.0	6.9	0.0	1.0	-7.2
2539	638872.28	4873526.35	323.88	1	DEN	2000	46.6	12.3	0.0	0.0	0.0	59.6	2.6	-1.7	0.0	0.0	7.3	0.0	1.0	-10.0
2539	638872.28	4873526.35	323.88	1	DEN	4000	42.4	12.3	0.0	0.0	0.0	59.6	8.8	-1.7	0.0	0.0	8.1	0.0	1.0	-21.2
2539	638872.28	4873526.35	323.88	1	DEN	8000	39.3	12.3	0.0	0.0	0.0	59.6	31.5	-1.7	0.0	0.0	9.2	0.0	1.0	-48.1
2545	638848.10	4873518.04	324.10	1	DEN	500	41.2	-0.7	0.0	0.0	0.0	60.2	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-26.3
2545	638848.10	4873518.04	324.10	1	DEN	1000	47.4	-0.7	0.0	0.0	0.0	60.2	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-20.7
2545	638848.10	4873518.04	324.10	1	DEN	2000	46.6	-0.7	0.0	0.0	0.0	60.2	2.8	-1.8	0.0	0.0	7.2	0.0	1.0	-23.6
2545	638848.10	4873518.04	324.10	1	DEN	4000	42.4	-0.7	0.0	0.0	0.0	60.2	9.5	-1.8	0.0	0.0	7.8	0.0	1.0	-35.0
2545	638848.10	4873518.04	324.10	1	DEN	8000	39.3	-0.7	0.0	0.0	0.0	60.2	33.9	-1.8	0.0	0.0	8.7	0.0	1.0	-63.5
2580	638680.79	4873557.86	325.81	0	DEN	32	16.0	24.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-27.3
2580	638680.79	4873557.86	325.81	0	DEN	63	24.2	24.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-19.2
2580	638680.79	4873557.86	325.81	0	DEN	125	30.3	24.2	0.0	0.0	0.0	62.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-13.2
2580	638680.79	4873557.86	325.81	0	DEN	250	35.8	24.2	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-8.0
2580	638680.79	4873557.86	325.81	0	DEN	500	41.2	24.2	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-3.1
2580	638680.79	4873557.86	325.81	0	DEN	1000	47.4	24.2	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	2.3
2580	638680.79	4873557.86	325.81	0	DEN	2000	46.6	24.2	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	-1.2
2580	638680.79	4873557.86	325.81	0	DEN	4000	42.4	24.2	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.3	0.0	0.0	-15.0
2580	638680.79	4873557.86	325.81	0	DEN	8000	39.3	24.2	0.0	0.0	0.0	62.7	45.1	-2.1	0.0	0.0	9.4	0.0	0.0	-51.7
2593	638728.48	4873537.03	324.42	0	DEN	32	16.0	23.0	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-27.8
2593	638728.48	4873537.03	324.42	0	DEN	63	24.2	23.0	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-19.7
2593	638728.48	4873537.03	324.42	0	DEN	125	30.3	23.0	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-13.7
2593	638728.48	4873537.03	324.42	0	DEN	250	35.8	23.0	0.0	0.0	0.0	62.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-8.5
2593	638728.48	4873537.03	324.42	0	DEN	500	41.2	23.0	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-3.5
2593	638728.48	4873537.03	324.42	0	DEN	1000	47.4	23.0	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	1.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2593	638728.48	4873537.03	324.42	0	DEN	2000	46.6	23.0	0.0	0.0	0.0	62.1	3.5	-2.0	0.0	0.0	7.6	0.0	0.0	-1.5
2593	638728.48	4873537.03	324.42	0	DEN	4000	42.4	23.0	0.0	0.0	0.0	62.1	11.7	-2.0	0.0	0.0	8.3	0.0	0.0	-14.6
2593	638728.48	4873537.03	324.42	0	DEN	8000	39.3	23.0	0.0	0.0	0.0	62.1	41.8	-2.0	0.0	0.0	9.4	0.0	0.0	-49.0
2703	638725.28	4873493.16	323.43	0	DEN	32	16.0	23.1	0.0	0.0	0.0	62.8	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-28.5
2703	638725.28	4873493.16	323.43	0	DEN	63	24.2	23.1	0.0	0.0	0.0	62.8	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-20.4
2703	638725.28	4873493.16	323.43	0	DEN	125	30.3	23.1	0.0	0.0	0.0	62.8	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-14.4
2703	638725.28	4873493.16	323.43	0	DEN	250	35.8	23.1	0.0	0.0	0.0	62.8	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-9.2
2703	638725.28	4873493.16	323.43	0	DEN	500	41.2	23.1	0.0	0.0	0.0	62.8	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-4.2
2703	638725.28	4873493.16	323.43	0	DEN	1000	47.4	23.1	0.0	0.0	0.0	62.8	1.4	-2.1	0.0	0.0	7.1	0.0	0.0	1.2
2703	638725.28	4873493.16	323.43	0	DEN	2000	46.6	23.1	0.0	0.0	0.0	62.8	3.8	-2.1	0.0	0.0	7.3	0.0	0.0	-2.1
2703	638725.28	4873493.16	323.43	0	DEN	4000	42.4	23.1	0.0	0.0	0.0	62.8	12.7	-2.1	0.0	0.0	7.8	0.0	0.0	-15.7
2703	638725.28	4873493.16	323.43	0	DEN	8000	39.3	23.1	0.0	0.0	0.0	62.8	45.4	-2.1	0.0	0.0	8.5	0.0	0.0	-52.2
2806	638609.44	4873663.10	328.91	0	DEN	32	16.0	21.1	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-31.0
2806	638609.44	4873663.10	328.91	0	DEN	63	24.2	21.1	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-22.9
2806	638609.44	4873663.10	328.91	0	DEN	125	30.3	21.1	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-16.9
2806	638609.44	4873663.10	328.91	0	DEN	250	35.8	21.1	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.8	0.0	0.0	-11.7
2806	638609.44	4873663.10	328.91	0	DEN	500	41.2	21.1	0.0	0.0	0.0	63.3	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	-6.7
2806	638609.44	4873663.10	328.91	0	DEN	1000	47.4	21.1	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.3	0.0	0.0	-1.4
2806	638609.44	4873663.10	328.91	0	DEN	2000	46.6	21.1	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.6	0.0	0.0	-5.0
2806	638609.44	4873663.10	328.91	0	DEN	4000	42.4	21.1	0.0	0.0	0.0	63.3	13.6	-2.2	0.0	0.0	8.1	0.0	0.0	-19.4
2806	638609.44	4873663.10	328.91	0	DEN	8000	39.3	21.1	0.0	0.0	0.0	63.3	48.4	-2.2	0.0	0.0	9.1	0.0	0.0	-58.2
2812	638539.35	4873738.59	331.42	0	DEN	32	16.0	22.2	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-31.1
2812	638539.35	4873738.59	331.42	0	DEN	63	24.2	22.2	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-23.0
2812	638539.35	4873738.59	331.42	0	DEN	125	30.3	22.2	0.0	0.0	0.0	64.5	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-17.0
2812	638539.35	4873738.59	331.42	0	DEN	250	35.8	22.2	0.0	0.0	0.0	64.5	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-11.8
2812	638539.35	4873738.59	331.42	0	DEN	500	41.2	22.2	0.0	0.0	0.0	64.5	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-6.9
2812	638539.35	4873738.59	331.42	0	DEN	1000	47.4	22.2	0.0	0.0	0.0	64.5	1.7	-2.3	0.0	0.0	7.1	0.0	0.0	-1.6
2812	638539.35	4873738.59	331.42	0	DEN	2000	46.6	22.2	0.0	0.0	0.0	64.5	4.6	-2.3	0.0	0.0	7.2	0.0	0.0	-5.3
2812	638539.35	4873738.59	331.42	0	DEN	4000	42.4	22.2	0.0	0.0	0.0	64.5	15.6	-2.3	0.0	0.0	7.5	0.0	0.0	-20.7
2812	638539.35	4873738.59	331.42	0	DEN	8000	39.3	22.2	0.0	0.0	0.0	64.5	55.5	-2.3	0.0	0.0	7.8	0.0	0.0	-64.1
2819	638529.59	4873771.57	332.19	1	DEN	4000	42.4	3.0	0.0	0.0	0.0	67.5	22.0	-2.9	0.0	0.0	7.7	0.0	2.0	-50.9
2819	638529.59	4873771.57	332.19	1	DEN	8000	39.3	3.0	0.0	0.0	0.0	67.5	78.3	-2.9	0.0	0.0	7.7	0.0	2.0	-110.4
2827	638840.83	4873515.61	324.16	0	DEN	32	16.0	-15.3	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-64.5
2827	638840.83	4873515.61	324.16	0	DEN	63	24.2	-15.3	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-56.3
2827	638840.83	4873515.61	324.16	0	DEN	125	30.3	-15.3	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-50.3
2827	638840.83	4873515.61	324.16	0	DEN	250	35.8	-15.3	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-45.0
2827	638840.83	4873515.61	324.16	0	DEN	500	41.2	-15.3	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-40.0
2827	638840.83	4873515.61	324.16	0	DEN	1000	47.4	-15.3	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-34.4
2827	638840.83	4873515.61	324.16	0	DEN	2000	46.6	-15.3	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-37.3
2827	638840.83	4873515.61	324.16	0	DEN	4000	42.4	-15.3	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-48.8
2827	638840.83	4873515.61	324.16	0	DEN	8000	39.3	-15.3	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-77.6
2834	638833.85	4873522.25	324.36	0	DEN	32	16.0	7.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-41.6
2834	638833.85	4873522.25	324.36	0	DEN	63	24.2	7.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-33.4
2834	638833.85	4873522.25	324.36	0	DEN	125	30.3	7.5	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-27.4
2834	638833.85	4873522.25	324.36	0	DEN	250	35.8	7.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-22.2
2834	638833.85	4873522.25	324.36	0	DEN	500	41.2	7.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-17.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2834	638833.85	4873522.25	324.36	0	DEN	1000	47.4	7.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-11.6
2834	638833.85	4873522.25	324.36	0	DEN	2000	46.6	7.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-14.4
2834	638833.85	4873522.25	324.36	0	DEN	4000	42.4	7.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-25.9
2834	638833.85	4873522.25	324.36	0	DEN	8000	39.3	7.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-54.6
2839	638802.22	4873552.61	325.23	0	DEN	32	16.0	11.7	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-37.4
2839	638802.22	4873552.61	325.23	0	DEN	63	24.2	11.7	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-29.3
2839	638802.22	4873552.61	325.23	0	DEN	125	30.3	11.7	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-23.3
2839	638802.22	4873552.61	325.23	0	DEN	250	35.8	11.7	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-18.0
2839	638802.22	4873552.61	325.23	0	DEN	500	41.2	11.7	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-13.0
2839	638802.22	4873552.61	325.23	0	DEN	1000	47.4	11.7	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-7.5
2839	638802.22	4873552.61	325.23	0	DEN	2000	46.6	11.7	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-10.4
2839	638802.22	4873552.61	325.23	0	DEN	4000	42.4	11.7	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	8.1	0.0	0.0	-22.1
2839	638802.22	4873552.61	325.23	0	DEN	8000	39.3	11.7	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.2	0.0	0.0	-50.8
2846	638777.67	4873576.30	325.91	0	DEN	32	16.0	8.7	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-40.6
2846	638777.67	4873576.30	325.91	0	DEN	63	24.2	8.7	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-32.4
2846	638777.67	4873576.30	325.91	0	DEN	125	30.3	8.7	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-26.4
2846	638777.67	4873576.30	325.91	0	DEN	250	35.8	8.7	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-21.2
2846	638777.67	4873576.30	325.91	0	DEN	500	41.2	8.7	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-16.2
2846	638777.67	4873576.30	325.91	0	DEN	1000	47.4	8.7	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-10.8
2846	638777.67	4873576.30	325.91	0	DEN	2000	46.6	8.7	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-13.9
2846	638777.67	4873576.30	325.91	0	DEN	4000	42.4	8.7	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-25.8
2846	638777.67	4873576.30	325.91	0	DEN	8000	39.3	8.7	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-55.1
2852	638728.44	4873623.53	327.27	0	DEN	32	16.0	8.7	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-41.1
2852	638728.44	4873623.53	327.27	0	DEN	63	24.2	8.7	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-32.9
2852	638728.44	4873623.53	327.27	0	DEN	125	30.3	8.7	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-27.0
2852	638728.44	4873623.53	327.27	0	DEN	250	35.8	8.7	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-21.8
2852	638728.44	4873623.53	327.27	0	DEN	500	41.2	8.7	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-16.9
2852	638728.44	4873623.53	327.27	0	DEN	1000	47.4	8.7	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-11.6
2852	638728.44	4873623.53	327.27	0	DEN	2000	46.6	8.7	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-15.0
2852	638728.44	4873623.53	327.27	0	DEN	4000	42.4	8.7	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-27.6
2852	638728.44	4873623.53	327.27	0	DEN	8000	39.3	8.7	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-58.7
2858	638728.48	4873623.58	327.27	0	DEN	32	16.0	5.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-44.1
2858	638728.48	4873623.58	327.27	0	DEN	63	24.2	5.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-36.0
2858	638728.48	4873623.58	327.27	0	DEN	125	30.3	5.6	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-30.0
2858	638728.48	4873623.58	327.27	0	DEN	250	35.8	5.6	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-24.8
2858	638728.48	4873623.58	327.27	0	DEN	500	41.2	5.6	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-19.9
2858	638728.48	4873623.58	327.27	0	DEN	1000	47.4	5.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-14.6
2858	638728.48	4873623.58	327.27	0	DEN	2000	46.6	5.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-18.0
2858	638728.48	4873623.58	327.27	0	DEN	4000	42.4	5.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-30.6
2858	638728.48	4873623.58	327.27	0	DEN	8000	39.3	5.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-61.7
2865	638777.71	4873576.35	325.91	0	DEN	32	16.0	5.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-43.6
2865	638777.71	4873576.35	325.91	0	DEN	63	24.2	5.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-35.4
2865	638777.71	4873576.35	325.91	0	DEN	125	30.3	5.6	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-29.4
2865	638777.71	4873576.35	325.91	0	DEN	250	35.8	5.6	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-24.2
2865	638777.71	4873576.35	325.91	0	DEN	500	41.2	5.6	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-19.2
2865	638777.71	4873576.35	325.91	0	DEN	1000	47.4	5.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-13.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2865	638777.71	4873576.35	325.91	0	DEN	2000	46.6	5.6	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-16.9
2865	638777.71	4873576.35	325.91	0	DEN	4000	42.4	5.6	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-28.8
2865	638777.71	4873576.35	325.91	0	DEN	8000	39.3	5.6	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-58.1
2871	638703.90	4873647.24	327.95	0	DEN	32	16.0	8.7	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-41.5
2871	638703.90	4873647.24	327.95	0	DEN	63	24.2	8.7	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-33.3
2871	638703.90	4873647.24	327.95	0	DEN	125	30.3	8.7	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-27.4
2871	638703.90	4873647.24	327.95	0	DEN	250	35.8	8.7	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-22.2
2871	638703.90	4873647.24	327.95	0	DEN	500	41.2	8.7	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-17.3
2871	638703.90	4873647.24	327.95	0	DEN	1000	47.4	8.7	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-12.0
2871	638703.90	4873647.24	327.95	0	DEN	2000	46.6	8.7	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-15.4
2871	638703.90	4873647.24	327.95	0	DEN	4000	42.4	8.7	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-28.2
2871	638703.90	4873647.24	327.95	0	DEN	8000	39.3	8.7	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-60.4
2877	638654.68	4873694.49	329.31	0	DEN	32	16.0	8.7	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-42.4
2877	638654.68	4873694.49	329.31	0	DEN	63	24.2	8.7	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-34.2
2877	638654.68	4873694.49	329.31	0	DEN	125	30.3	8.7	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-28.3
2877	638654.68	4873694.49	329.31	0	DEN	250	35.8	8.7	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-23.0
2877	638654.68	4873694.49	329.31	0	DEN	500	41.2	8.7	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-18.1
2877	638654.68	4873694.49	329.31	0	DEN	1000	47.4	8.7	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-12.7
2877	638654.68	4873694.49	329.31	0	DEN	2000	46.6	8.7	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-16.1
2877	638654.68	4873694.49	329.31	0	DEN	4000	42.4	8.7	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-29.4
2877	638654.68	4873694.49	329.31	0	DEN	8000	39.3	8.7	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-64.2
2883	638630.11	4873718.16	329.99	0	DEN	32	16.0	5.6	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-45.9
2883	638630.11	4873718.16	329.99	0	DEN	63	24.2	5.6	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-37.7
2883	638630.11	4873718.16	329.99	0	DEN	125	30.3	5.6	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-31.8
2883	638630.11	4873718.16	329.99	0	DEN	250	35.8	5.6	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-26.5
2883	638630.11	4873718.16	329.99	0	DEN	500	41.2	5.6	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-21.6
2883	638630.11	4873718.16	329.99	0	DEN	1000	47.4	5.6	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-16.2
2883	638630.11	4873718.16	329.99	0	DEN	2000	46.6	5.6	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-19.6
2883	638630.11	4873718.16	329.99	0	DEN	4000	42.4	5.6	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-33.2
2883	638630.11	4873718.16	329.99	0	DEN	8000	39.3	5.6	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-69.6
2890	638580.91	4873765.43	331.35	0	DEN	32	16.0	5.6	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-46.9
2890	638580.91	4873765.43	331.35	0	DEN	63	24.2	5.6	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-38.7
2890	638580.91	4873765.43	331.35	0	DEN	125	30.3	5.6	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-32.8
2890	638580.91	4873765.43	331.35	0	DEN	250	35.8	5.6	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-27.6
2890	638580.91	4873765.43	331.35	0	DEN	500	41.2	5.6	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-22.6
2890	638580.91	4873765.43	331.35	0	DEN	1000	47.4	5.6	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-17.2
2890	638580.91	4873765.43	331.35	0	DEN	2000	46.6	5.6	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-20.7
2890	638580.91	4873765.43	331.35	0	DEN	4000	42.4	5.6	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-35.2
2890	638580.91	4873765.43	331.35	0	DEN	8000	39.3	5.6	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-75.2
2897	638840.67	4873515.62	324.16	1	DEN	500	41.2	-12.1	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-37.8
2897	638840.67	4873515.62	324.16	1	DEN	1000	47.4	-12.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-32.3
2897	638840.67	4873515.62	324.16	1	DEN	2000	46.6	-12.1	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-35.1
2897	638840.67	4873515.62	324.16	1	DEN	4000	42.4	-12.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-46.7
2897	638840.67	4873515.62	324.16	1	DEN	8000	39.3	-12.1	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-75.6
2903	638682.94	4873667.34	328.53	1	DEN	8000	39.3	2.1	0.0	0.0	0.0	65.3	60.7	-2.0	0.0	0.0	6.8	0.0	1.0	-90.4
2915	638534.73	4873809.83	332.63	1	DEN	4000	42.4	-18.6	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-70.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2915	638534.73	4873809.83	332.63	1	DEN	8000	39.3	-18.6	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-127.0
2942	638979.37	4873563.01	321.88	0	DEN	32	16.0	12.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-32.8
2942	638979.37	4873563.01	321.88	0	DEN	63	24.2	12.8	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-24.8
2942	638979.37	4873563.01	321.88	0	DEN	125	30.3	12.8	0.0	0.0	0.0	56.7	0.1	1.6	0.0	0.0	3.5	0.0	0.0	-18.9
2942	638979.37	4873563.01	321.88	0	DEN	250	35.8	12.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.4	0.0	0.0	-13.9
2942	638979.37	4873563.01	321.88	0	DEN	500	41.2	12.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.0	0.0	0.0	-9.3
2942	638979.37	4873563.01	321.88	0	DEN	1000	47.4	12.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.4	0.0	0.0	-4.5
2942	638979.37	4873563.01	321.88	0	DEN	2000	46.6	12.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.0	0.0	0.0	-8.0
2942	638979.37	4873563.01	321.88	0	DEN	4000	42.4	12.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.0	0.0	0.0	-18.7
2942	638979.37	4873563.01	321.88	0	DEN	8000	39.3	12.8	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	14.4	0.0	0.0	-40.5
2949	639001.44	4873571.36	321.47	1	DEN	250	35.8	-20.9	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-50.0
2949	639001.44	4873571.36	321.47	1	DEN	500	41.2	-20.9	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-46.3
2949	639001.44	4873571.36	321.47	1	DEN	1000	47.4	-20.9	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-42.4
2949	639001.44	4873571.36	321.47	1	DEN	2000	46.6	-20.9	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.3	0.0	1.0	-46.8
2949	639001.44	4873571.36	321.47	1	DEN	4000	42.4	-20.9	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-58.0
2949	639001.44	4873571.36	321.47	1	DEN	8000	39.3	-20.9	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.8	0.0	1.0	-79.7
2957	639001.02	4873571.20	321.48	1	DEN	250	35.8	-19.1	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-48.1
2957	639001.02	4873571.20	321.48	1	DEN	500	41.2	-19.1	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-44.3
2957	639001.02	4873571.20	321.48	1	DEN	1000	47.4	-19.1	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-40.5
2957	639001.02	4873571.20	321.48	1	DEN	2000	46.6	-19.1	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-44.8
2957	639001.02	4873571.20	321.48	1	DEN	4000	42.4	-19.1	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-56.0
2957	639001.02	4873571.20	321.48	1	DEN	8000	39.3	-19.1	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.6	0.0	1.0	-77.7
2963	638988.36	4873566.35	321.67	1	DEN	250	35.8	8.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-19.1
2963	638988.36	4873566.35	321.67	1	DEN	500	41.2	8.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.4	0.0	1.0	-14.7
2963	638988.36	4873566.35	321.67	1	DEN	1000	47.4	8.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	9.0	0.0	1.0	-10.1
2963	638988.36	4873566.35	321.67	1	DEN	2000	46.6	8.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.8	0.0	1.0	-13.8
2963	638988.36	4873566.35	321.67	1	DEN	4000	42.4	8.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	13.1	0.0	1.0	-24.7
2963	638988.36	4873566.35	321.67	1	DEN	8000	39.3	8.8	0.0	0.0	0.0	56.7	22.5	-1.2	0.0	0.0	15.6	0.0	1.0	-46.6
2967	638980.27	4873563.26	321.79	1	DEN	250	35.8	3.5	0.0	0.0	0.0	56.9	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-24.3
2967	638980.27	4873563.26	321.79	1	DEN	500	41.2	3.5	0.0	0.0	0.0	56.9	0.4	-0.8	0.0	0.0	7.0	0.0	1.0	-19.7
2967	638980.27	4873563.26	321.79	1	DEN	1000	47.4	3.5	0.0	0.0	0.0	56.9	0.7	-1.2	0.0	0.0	8.4	0.0	1.0	-14.9
2967	638980.27	4873563.26	321.79	1	DEN	2000	46.6	3.5	0.0	0.0	0.0	56.9	1.9	-1.2	0.0	0.0	9.9	0.0	1.0	-18.4
2967	638980.27	4873563.26	321.79	1	DEN	4000	42.4	3.5	0.0	0.0	0.0	56.9	6.4	-1.2	0.0	0.0	12.0	0.0	1.0	-29.2
2967	638980.27	4873563.26	321.79	1	DEN	8000	39.3	3.5	0.0	0.0	0.0	56.9	23.0	-1.2	0.0	0.0	14.4	0.0	1.0	-51.2
2974	638975.55	4873561.55	321.94	1	DEN	250	35.8	7.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.3	0.0	1.0	-20.8
2974	638975.55	4873561.55	321.94	1	DEN	500	41.2	7.0	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.7	0.0	1.0	-16.1
2974	638975.55	4873561.55	321.94	1	DEN	1000	47.4	7.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	8.0	0.0	1.0	-11.1
2974	638975.55	4873561.55	321.94	1	DEN	2000	46.6	7.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.4	0.0	1.0	-14.5
2974	638975.55	4873561.55	321.94	1	DEN	4000	42.4	7.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.3	0.0	1.0	-25.1
2974	638975.55	4873561.55	321.94	1	DEN	8000	39.3	7.0	0.0	0.0	0.0	57.0	23.2	-1.2	0.0	0.0	13.6	0.0	1.0	-47.3
2980	638967.33	4873558.64	322.25	1	DEN	250	35.8	6.0	0.0	0.0	0.0	57.1	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-21.7
2980	638967.33	4873558.64	322.25	1	DEN	500	41.2	6.0	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-16.9
2980	638967.33	4873558.64	322.25	1	DEN	1000	47.4	6.0	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	-11.8
2980	638967.33	4873558.64	322.25	1	DEN	2000	46.6	6.0	0.0	0.0	0.0	57.1	2.0	-1.3	0.0	0.0	8.8	0.0	1.0	-15.0
2980	638967.33	4873558.64	322.25	1	DEN	4000	42.4	6.0	0.0	0.0	0.0	57.1	6.7	-1.3	0.0	0.0	10.4	0.0	1.0	-25.5
2980	638967.33	4873558.64	322.25	1	DEN	8000	39.3	6.0	0.0	0.0	0.0	57.1	23.7	-1.3	0.0	0.0	12.5	0.0	1.0	-47.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2986	638959.15	4873555.75	322.56	1	DEN	125	30.3	-7.3	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-40.3
2986	638959.15	4873555.75	322.56	1	DEN	250	35.8	-7.3	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-35.1
2986	638959.15	4873555.75	322.56	1	DEN	500	41.2	-7.3	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-30.3
2986	638959.15	4873555.75	322.56	1	DEN	1000	47.4	-7.3	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-25.0
2986	638959.15	4873555.75	322.56	1	DEN	2000	46.6	-7.3	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-28.1
2986	638959.15	4873555.75	322.56	1	DEN	4000	42.4	-7.3	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	9.8	0.0	1.0	-38.6
2986	638959.15	4873555.75	322.56	1	DEN	8000	39.3	-7.3	0.0	0.0	0.0	57.3	24.2	-1.3	0.0	0.0	11.8	0.0	1.0	-61.1
3001	638533.32	4873747.31	331.69	0	DEN	32	16.0	20.9	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-32.5
3001	638533.32	4873747.31	331.69	0	DEN	63	24.2	20.9	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-24.4
3001	638533.32	4873747.31	331.69	0	DEN	125	30.3	20.9	0.0	0.0	0.0	64.6	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-18.4
3001	638533.32	4873747.31	331.69	0	DEN	250	35.8	20.9	0.0	0.0	0.0	64.6	0.5	0.9	0.0	0.0	3.9	0.0	0.0	-13.2
3001	638533.32	4873747.31	331.69	0	DEN	500	41.2	20.9	0.0	0.0	0.0	64.6	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-8.3
3001	638533.32	4873747.31	331.69	0	DEN	1000	47.4	20.9	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-2.9
3001	638533.32	4873747.31	331.69	0	DEN	2000	46.6	20.9	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.2	0.0	0.0	-6.7
3001	638533.32	4873747.31	331.69	0	DEN	4000	42.4	20.9	0.0	0.0	0.0	64.6	15.7	-2.3	0.0	0.0	7.4	0.0	0.0	-22.2
3001	638533.32	4873747.31	331.69	0	DEN	8000	39.3	20.9	0.0	0.0	0.0	64.6	56.2	-2.3	0.0	0.0	7.8	0.0	0.0	-66.1
3008	638529.31	4873769.80	332.17	1	DEN	4000	42.4	7.1	0.0	0.0	0.0	67.5	22.0	-2.9	0.0	0.0	7.7	0.0	2.0	-46.9
3008	638529.31	4873769.80	332.17	1	DEN	8000	39.3	7.1	0.0	0.0	0.0	67.5	78.5	-2.9	0.0	0.0	7.7	0.0	2.0	-106.5
3061	638953.08	4873554.31	322.60	0	DEN	32	16.0	9.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-37.2
3061	638953.08	4873554.31	322.60	0	DEN	63	24.2	9.0	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-29.0
3061	638953.08	4873554.31	322.60	0	DEN	125	30.3	9.0	0.0	0.0	0.0	57.4	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-23.1
3061	638953.08	4873554.31	322.60	0	DEN	250	35.8	9.0	0.0	0.0	0.0	57.4	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-17.9
3061	638953.08	4873554.31	322.60	0	DEN	500	41.2	9.0	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.4	0.0	0.0	-13.0
3061	638953.08	4873554.31	322.60	0	DEN	1000	47.4	9.0	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	7.4	0.0	0.0	-7.8
3061	638953.08	4873554.31	322.60	0	DEN	2000	46.6	9.0	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	8.4	0.0	0.0	-10.9
3061	638953.08	4873554.31	322.60	0	DEN	4000	42.4	9.0	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	10.0	0.0	0.0	-21.4
3061	638953.08	4873554.31	322.60	0	DEN	8000	39.3	9.0	0.0	0.0	0.0	57.4	24.3	-1.3	0.0	0.0	12.0	0.0	0.0	-44.0
3066	638915.09	4873540.98	323.47	0	DEN	32	16.0	9.0	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-38.2
3066	638915.09	4873540.98	323.47	0	DEN	63	24.2	9.0	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-30.0
3066	638915.09	4873540.98	323.47	0	DEN	125	30.3	9.0	0.0	0.0	0.0	58.4	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-24.0
3066	638915.09	4873540.98	323.47	0	DEN	250	35.8	9.0	0.0	0.0	0.0	58.4	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-18.8
3066	638915.09	4873540.98	323.47	0	DEN	500	41.2	9.0	0.0	0.0	0.0	58.4	0.5	-1.1	0.0	0.0	6.2	0.0	0.0	-13.7
3066	638915.09	4873540.98	323.47	0	DEN	1000	47.4	9.0	0.0	0.0	0.0	58.4	0.9	-1.5	0.0	0.0	7.0	0.0	0.0	-8.3
3066	638915.09	4873540.98	323.47	0	DEN	2000	46.6	9.0	0.0	0.0	0.0	58.4	2.3	-1.5	0.0	0.0	7.6	0.0	0.0	-11.1
3066	638915.09	4873540.98	323.47	0	DEN	4000	42.4	9.0	0.0	0.0	0.0	58.4	7.7	-1.5	0.0	0.0	8.6	0.0	0.0	-21.7
3066	638915.09	4873540.98	323.47	0	DEN	8000	39.3	9.0	0.0	0.0	0.0	58.4	27.4	-1.5	0.0	0.0	10.1	0.0	0.0	-46.1
3068	639001.68	4873571.45	321.47	1	DEN	250	35.8	-38.1	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-67.2
3068	639001.68	4873571.45	321.47	1	DEN	500	41.2	-38.1	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-63.5
3068	639001.68	4873571.45	321.47	1	DEN	1000	47.4	-38.1	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	12.0	0.0	1.0	-59.7
3068	639001.68	4873571.45	321.47	1	DEN	2000	46.6	-38.1	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-64.1
3068	639001.68	4873571.45	321.47	1	DEN	4000	42.4	-38.1	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-75.3
3068	639001.68	4873571.45	321.47	1	DEN	8000	39.3	-38.1	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-97.0
3072	639001.13	4873571.26	321.48	1	DEN	250	35.8	-27.9	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-56.8
3072	639001.13	4873571.26	321.48	1	DEN	500	41.2	-27.9	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-53.1
3072	639001.13	4873571.26	321.48	1	DEN	1000	47.4	-27.9	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.8	0.0	1.0	-49.3
3072	639001.13	4873571.26	321.48	1	DEN	2000	46.6	-27.9	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-53.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3072	639001.13	4873571.26	321.48	1	DEN	4000	42.4	-27.9	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-64.8
3072	639001.13	4873571.26	321.48	1	DEN	8000	39.3	-27.9	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-86.5
3076	638988.04	4873566.65	321.78	1	DEN	250	35.8	-1.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-29.6
3076	638988.04	4873566.65	321.78	1	DEN	500	41.2	-1.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-25.1
3076	638988.04	4873566.65	321.78	1	DEN	1000	47.4	-1.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-20.4
3076	638988.04	4873566.65	321.78	1	DEN	2000	46.6	-1.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-24.1
3076	638988.04	4873566.65	321.78	1	DEN	4000	42.4	-1.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-35.0
3076	638988.04	4873566.65	321.78	1	DEN	8000	39.3	-1.7	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-56.8
3082	638975.84	4873562.35	322.07	1	DEN	250	35.8	-0.9	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-28.6
3082	638975.84	4873562.35	322.07	1	DEN	500	41.2	-0.9	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-23.9
3082	638975.84	4873562.35	322.07	1	DEN	1000	47.4	-0.9	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-18.9
3082	638975.84	4873562.35	322.07	1	DEN	2000	46.6	-0.9	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-22.2
3082	638975.84	4873562.35	322.07	1	DEN	4000	42.4	-0.9	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-32.8
3082	638975.84	4873562.35	322.07	1	DEN	8000	39.3	-0.9	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-55.0
3089	638965.18	4873558.59	322.31	1	DEN	250	35.8	1.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-26.5
3089	638965.18	4873558.59	322.31	1	DEN	500	41.2	1.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-21.7
3089	638965.18	4873558.59	322.31	1	DEN	1000	47.4	1.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-16.5
3089	638965.18	4873558.59	322.31	1	DEN	2000	46.6	1.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-19.6
3089	638965.18	4873558.59	322.31	1	DEN	4000	42.4	1.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-30.2
3089	638965.18	4873558.59	322.31	1	DEN	8000	39.3	1.3	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-52.6
3093	638953.94	4873554.63	322.57	1	DEN	250	35.8	2.2	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-25.8
3093	638953.94	4873554.63	322.57	1	DEN	500	41.2	2.2	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-21.0
3093	638953.94	4873554.63	322.57	1	DEN	1000	47.4	2.2	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-15.7
3093	638953.94	4873554.63	322.57	1	DEN	2000	46.6	2.2	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-18.7
3093	638953.94	4873554.63	322.57	1	DEN	4000	42.4	2.2	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-29.2
3093	638953.94	4873554.63	322.57	1	DEN	8000	39.3	2.2	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-52.0
3097	638943.84	4873551.07	322.81	1	DEN	250	35.8	2.2	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-26.0
3097	638943.84	4873551.07	322.81	1	DEN	500	41.2	2.2	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-21.1
3097	638943.84	4873551.07	322.81	1	DEN	1000	47.4	2.2	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-15.7
3097	638943.84	4873551.07	322.81	1	DEN	2000	46.6	2.2	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-18.7
3097	638943.84	4873551.07	322.81	1	DEN	4000	42.4	2.2	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-29.3
3097	638943.84	4873551.07	322.81	1	DEN	8000	39.3	2.2	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-52.4
3103	638925.40	4873544.57	323.24	1	DEN	250	35.8	8.0	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-20.6
3103	638925.40	4873544.57	323.24	1	DEN	500	41.2	8.0	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-15.6
3103	638925.40	4873544.57	323.24	1	DEN	1000	47.4	8.0	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-10.2
3103	638925.40	4873544.57	323.24	1	DEN	2000	46.6	8.0	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-13.0
3103	638925.40	4873544.57	323.24	1	DEN	4000	42.4	8.0	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-23.6
3103	638925.40	4873544.57	323.24	1	DEN	8000	39.3	8.0	0.0	0.0	0.0	58.2	26.7	-1.4	0.0	0.0	10.4	0.0	1.0	-47.6
3109	638912.62	4873540.06	323.53	1	DEN	250	35.8	-7.3	0.0	0.0	0.0	58.5	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-36.3
3109	638912.62	4873540.06	323.53	1	DEN	500	41.2	-7.3	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.2	0.0	1.0	-31.2
3109	638912.62	4873540.06	323.53	1	DEN	1000	47.4	-7.3	0.0	0.0	0.0	58.5	0.9	-1.5	0.0	0.0	6.9	0.0	1.0	-25.8
3109	638912.62	4873540.06	323.53	1	DEN	2000	46.6	-7.3	0.0	0.0	0.0	58.5	2.3	-1.5	0.0	0.0	7.5	0.0	1.0	-28.6
3109	638912.62	4873540.06	323.53	1	DEN	4000	42.4	-7.3	0.0	0.0	0.0	58.5	7.8	-1.5	0.0	0.0	8.4	0.0	1.0	-39.2
3109	638912.62	4873540.06	323.53	1	DEN	8000	39.3	-7.3	0.0	0.0	0.0	58.5	27.8	-1.5	0.0	0.0	9.9	0.0	1.0	-63.8
3116	638904.17	4873537.14	323.72	1	DEN	250	35.8	5.3	0.0	0.0	0.0	58.8	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-23.8
3116	638904.17	4873537.14	323.72	1	DEN	500	41.2	5.3	0.0	0.0	0.0	58.8	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-18.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3116	638904.17	4873537.14	323.72	1	DEN	1000	47.4	5.3	0.0	0.0	0.0	58.8	0.9	-1.5	0.0	0.0	6.9	0.0	1.0	-13.3
3116	638904.17	4873537.14	323.72	1	DEN	2000	46.6	5.3	0.0	0.0	0.0	58.8	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-16.1
3116	638904.17	4873537.14	323.72	1	DEN	4000	42.4	5.3	0.0	0.0	0.0	58.8	8.0	-1.6	0.0	0.0	8.3	0.0	1.0	-26.8
3116	638904.17	4873537.14	323.72	1	DEN	8000	39.3	5.3	0.0	0.0	0.0	58.8	28.6	-1.6	0.0	0.0	9.6	0.0	1.0	-51.7
3124	638974.16	4873721.55	325.27	0	DEN	32	16.0	-0.1	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	9.6	0.0	0.0	-35.8
3124	638974.16	4873721.55	325.27	0	DEN	63	24.2	-0.1	0.0	0.0	0.0	45.1	0.0	-3.0	0.0	0.0	10.9	0.0	0.0	-28.9
3124	638974.16	4873721.55	325.27	0	DEN	125	30.3	-0.1	0.0	0.0	0.0	45.1	0.0	0.8	0.0	0.0	8.9	0.0	0.0	-24.6
3124	638974.16	4873721.55	325.27	0	DEN	250	35.8	-0.1	0.0	0.0	0.0	45.1	0.1	1.6	0.0	0.0	10.3	0.0	0.0	-21.4
3124	638974.16	4873721.55	325.27	0	DEN	500	41.2	-0.1	0.0	0.0	0.0	45.1	0.1	-0.7	0.0	0.0	15.2	0.0	0.0	-18.6
3124	638974.16	4873721.55	325.27	0	DEN	1000	47.4	-0.1	0.0	0.0	0.0	45.1	0.2	-1.0	0.0	0.0	18.3	0.0	0.0	-15.3
3124	638974.16	4873721.55	325.27	0	DEN	2000	46.6	-0.1	0.0	0.0	0.0	45.1	0.5	-1.0	0.0	0.0	21.0	0.0	0.0	-19.1
3124	638974.16	4873721.55	325.27	0	DEN	4000	42.4	-0.1	0.0	0.0	0.0	45.1	1.7	-1.0	0.0	0.0	21.0	0.0	0.0	-24.5
3124	638974.16	4873721.55	325.27	0	DEN	8000	39.3	-0.1	0.0	0.0	0.0	45.1	5.9	-1.0	0.0	0.0	21.0	0.0	0.0	-31.9
3131	638949.72	4873552.95	322.69	0	DEN	32	16.0	11.7	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-34.6
3131	638949.72	4873552.95	322.69	0	DEN	63	24.2	11.7	0.0	0.0	0.0	57.5	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-26.5
3131	638949.72	4873552.95	322.69	0	DEN	125	30.3	11.7	0.0	0.0	0.0	57.5	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-20.5
3131	638949.72	4873552.95	322.69	0	DEN	250	35.8	11.7	0.0	0.0	0.0	57.5	0.2	1.9	0.0	0.0	3.2	0.0	0.0	-15.4
3131	638949.72	4873552.95	322.69	0	DEN	500	41.2	11.7	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.4	0.0	0.0	-10.5
3131	638949.72	4873552.95	322.69	0	DEN	1000	47.4	11.7	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	0.0	-5.2
3131	638949.72	4873552.95	322.69	0	DEN	2000	46.6	11.7	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	0.0	-8.3
3131	638949.72	4873552.95	322.69	0	DEN	4000	42.4	11.7	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.8	0.0	0.0	-18.8
3131	638949.72	4873552.95	322.69	0	DEN	8000	39.3	11.7	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.8	0.0	0.0	-41.5
3137	639001.62	4873571.43	321.47	1	DEN	250	35.8	-34.2	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-63.3
3137	639001.62	4873571.43	321.47	1	DEN	500	41.2	-34.2	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-59.6
3137	639001.62	4873571.43	321.47	1	DEN	1000	47.4	-34.2	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-55.8
3137	639001.62	4873571.43	321.47	1	DEN	2000	46.6	-34.2	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-60.2
3137	639001.62	4873571.43	321.47	1	DEN	4000	42.4	-34.2	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-71.4
3137	639001.62	4873571.43	321.47	1	DEN	8000	39.3	-34.2	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-93.1
3144	639001.10	4873571.25	321.48	1	DEN	250	35.8	-26.2	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-55.2
3144	639001.10	4873571.25	321.48	1	DEN	500	41.2	-26.2	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-51.5
3144	639001.10	4873571.25	321.48	1	DEN	1000	47.4	-26.2	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-47.6
3144	639001.10	4873571.25	321.48	1	DEN	2000	46.6	-26.2	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-51.9
3144	639001.10	4873571.25	321.48	1	DEN	4000	42.4	-26.2	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-63.2
3144	639001.10	4873571.25	321.48	1	DEN	8000	39.3	-26.2	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-84.9
3152	638988.08	4873566.61	321.79	1	DEN	250	35.8	0.1	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-27.7
3152	638988.08	4873566.61	321.79	1	DEN	500	41.2	0.1	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-23.2
3152	638988.08	4873566.61	321.79	1	DEN	1000	47.4	0.1	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-18.6
3152	638988.08	4873566.61	321.79	1	DEN	2000	46.6	0.1	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-22.2
3152	638988.08	4873566.61	321.79	1	DEN	4000	42.4	0.1	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-33.1
3152	638988.08	4873566.61	321.79	1	DEN	8000	39.3	0.1	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-55.0
3160	638975.93	4873562.28	322.08	1	DEN	250	35.8	1.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-26.7
3160	638975.93	4873562.28	322.08	1	DEN	500	41.2	1.0	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-22.0
3160	638975.93	4873562.28	322.08	1	DEN	1000	47.4	1.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-17.0
3160	638975.93	4873562.28	322.08	1	DEN	2000	46.6	1.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-20.3
3160	638975.93	4873562.28	322.08	1	DEN	4000	42.4	1.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-31.0
3160	638975.93	4873562.28	322.08	1	DEN	8000	39.3	1.0	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-53.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3167	638965.30	4873558.49	322.33	1	DEN	250	35.8	3.2	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-24.6
3167	638965.30	4873558.49	322.33	1	DEN	500	41.2	3.2	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-19.8
3167	638965.30	4873558.49	322.33	1	DEN	1000	47.4	3.2	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-14.6
3167	638965.30	4873558.49	322.33	1	DEN	2000	46.6	3.2	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-17.8
3167	638965.30	4873558.49	322.33	1	DEN	4000	42.4	3.2	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-28.3
3167	638965.30	4873558.49	322.33	1	DEN	8000	39.3	3.2	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-50.7
3174	638954.10	4873554.49	322.59	1	DEN	250	35.8	4.0	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-24.0
3174	638954.10	4873554.49	322.59	1	DEN	500	41.2	4.0	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-19.1
3174	638954.10	4873554.49	322.59	1	DEN	1000	47.4	4.0	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-13.8
3174	638954.10	4873554.49	322.59	1	DEN	2000	46.6	4.0	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-16.8
3174	638954.10	4873554.49	322.59	1	DEN	4000	42.4	4.0	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-27.3
3174	638954.10	4873554.49	322.59	1	DEN	8000	39.3	4.0	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-50.1
3181	638944.07	4873550.92	322.83	1	DEN	125	30.3	4.1	0.0	0.0	0.0	57.7	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-29.3
3181	638944.07	4873550.92	322.83	1	DEN	250	35.8	4.1	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-24.1
3181	638944.07	4873550.92	322.83	1	DEN	500	41.2	4.1	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-19.2
3181	638944.07	4873550.92	322.83	1	DEN	1000	47.4	4.1	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-13.9
3181	638944.07	4873550.92	322.83	1	DEN	2000	46.6	4.1	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-16.8
3181	638944.07	4873550.92	322.83	1	DEN	4000	42.4	4.1	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.4	0.0	1.0	-27.4
3181	638944.07	4873550.92	322.83	1	DEN	8000	39.3	4.1	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-50.5
3188	638937.11	4873548.44	322.99	1	DEN	125	30.3	2.0	0.0	0.0	0.0	57.9	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-31.6
3188	638937.11	4873548.44	322.99	1	DEN	250	35.8	2.0	0.0	0.0	0.0	57.9	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-26.4
3188	638937.11	4873548.44	322.99	1	DEN	500	41.2	2.0	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-21.4
3188	638937.11	4873548.44	322.99	1	DEN	1000	47.4	2.0	0.0	0.0	0.0	57.9	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-16.0
3188	638937.11	4873548.44	322.99	1	DEN	2000	46.6	2.0	0.0	0.0	0.0	57.9	2.1	-1.4	0.0	0.0	7.9	0.0	1.0	-18.9
3188	638937.11	4873548.44	322.99	1	DEN	4000	42.4	2.0	0.0	0.0	0.0	57.9	7.2	-1.4	0.0	0.0	9.2	0.0	1.0	-29.5
3188	638937.11	4873548.44	322.99	1	DEN	8000	39.3	2.0	0.0	0.0	0.0	57.9	25.8	-1.4	0.0	0.0	10.9	0.0	1.0	-52.9
3195	638927.26	4873545.00	323.21	1	DEN	250	35.8	5.6	0.0	0.0	0.0	58.1	0.2	1.9	0.0	0.0	3.1	0.0	1.0	-23.0
3195	638927.26	4873545.00	323.21	1	DEN	500	41.2	5.6	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-18.0
3195	638927.26	4873545.00	323.21	1	DEN	1000	47.4	5.6	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-12.6
3195	638927.26	4873545.00	323.21	1	DEN	2000	46.6	5.6	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-15.4
3195	638927.26	4873545.00	323.21	1	DEN	4000	42.4	5.6	0.0	0.0	0.0	58.1	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-26.0
3195	638927.26	4873545.00	323.21	1	DEN	8000	39.3	5.6	0.0	0.0	0.0	58.1	26.6	-1.4	0.0	0.0	10.4	0.0	1.0	-49.8
3198	638912.90	4873540.02	323.54	1	DEN	250	35.8	-24.9	0.0	0.0	0.0	58.5	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-53.9
3198	638912.90	4873540.02	323.54	1	DEN	500	41.2	-24.9	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.2	0.0	1.0	-48.8
3198	638912.90	4873540.02	323.54	1	DEN	1000	47.4	-24.9	0.0	0.0	0.0	58.5	0.9	-1.5	0.0	0.0	6.9	0.0	1.0	-43.4
3198	638912.90	4873540.02	323.54	1	DEN	2000	46.6	-24.9	0.0	0.0	0.0	58.5	2.3	-1.5	0.0	0.0	7.5	0.0	1.0	-46.1
3198	638912.90	4873540.02	323.54	1	DEN	4000	42.4	-24.9	0.0	0.0	0.0	58.5	7.8	-1.5	0.0	0.0	8.4	0.0	1.0	-56.8
3198	638912.90	4873540.02	323.54	1	DEN	8000	39.3	-24.9	0.0	0.0	0.0	58.5	27.8	-1.5	0.0	0.0	9.9	0.0	1.0	-81.3
3206	638841.40	4873515.78	324.16	0	DEN	32	16.0	-20.4	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-69.5
3206	638841.40	4873515.78	324.16	0	DEN	63	24.2	-20.4	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-61.4
3206	638841.40	4873515.78	324.16	0	DEN	125	30.3	-20.4	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-55.4
3206	638841.40	4873515.78	324.16	0	DEN	250	35.8	-20.4	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-50.1
3206	638841.40	4873515.78	324.16	0	DEN	500	41.2	-20.4	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-45.0
3206	638841.40	4873515.78	324.16	0	DEN	1000	47.4	-20.4	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-39.5
3206	638841.40	4873515.78	324.16	0	DEN	2000	46.6	-20.4	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-42.4
3206	638841.40	4873515.78	324.16	0	DEN	4000	42.4	-20.4	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-53.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3206	638841.40	4873515.78	324.16	0	DEN	8000	39.3	-20.4	0.0	0.0	0.0	60.3	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-82.6
3211	638834.32	4873522.53	324.36	0	DEN	32	16.0	5.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-44.0
3211	638834.32	4873522.53	324.36	0	DEN	63	24.2	5.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-35.9
3211	638834.32	4873522.53	324.36	0	DEN	125	30.3	5.1	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-29.9
3211	638834.32	4873522.53	324.36	0	DEN	250	35.8	5.1	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-24.6
3211	638834.32	4873522.53	324.36	0	DEN	500	41.2	5.1	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-19.6
3211	638834.32	4873522.53	324.36	0	DEN	1000	47.4	5.1	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-14.0
3211	638834.32	4873522.53	324.36	0	DEN	2000	46.6	5.1	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-16.9
3211	638834.32	4873522.53	324.36	0	DEN	4000	42.4	5.1	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-28.4
3211	638834.32	4873522.53	324.36	0	DEN	8000	39.3	5.1	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-57.0
3217	638802.53	4873552.98	325.24	0	DEN	32	16.0	9.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-40.0
3217	638802.53	4873552.98	325.24	0	DEN	63	24.2	9.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-31.8
3217	638802.53	4873552.98	325.24	0	DEN	125	30.3	9.1	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-25.8
3217	638802.53	4873552.98	325.24	0	DEN	250	35.8	9.1	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-20.6
3217	638802.53	4873552.98	325.24	0	DEN	500	41.2	9.1	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-15.5
3217	638802.53	4873552.98	325.24	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-10.0
3217	638802.53	4873552.98	325.24	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-13.0
3217	638802.53	4873552.98	325.24	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-24.6
3217	638802.53	4873552.98	325.24	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	9.2	0.0	0.0	-53.3
3223	638777.93	4873576.62	325.92	0	DEN	32	16.0	6.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-43.1
3223	638777.93	4873576.62	325.92	0	DEN	63	24.2	6.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-34.9
3223	638777.93	4873576.62	325.92	0	DEN	125	30.3	6.1	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-29.0
3223	638777.93	4873576.62	325.92	0	DEN	250	35.8	6.1	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-23.7
3223	638777.93	4873576.62	325.92	0	DEN	500	41.2	6.1	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-18.7
3223	638777.93	4873576.62	325.92	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-13.3
3223	638777.93	4873576.62	325.92	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-16.4
3223	638777.93	4873576.62	325.92	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-28.3
3223	638777.93	4873576.62	325.92	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-57.6
3228	638728.67	4873623.81	327.27	0	DEN	32	16.0	6.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-43.6
3228	638728.67	4873623.81	327.27	0	DEN	63	24.2	6.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-35.5
3228	638728.67	4873623.81	327.27	0	DEN	125	30.3	6.1	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-29.5
3228	638728.67	4873623.81	327.27	0	DEN	250	35.8	6.1	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-24.3
3228	638728.67	4873623.81	327.27	0	DEN	500	41.2	6.1	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-19.4
3228	638728.67	4873623.81	327.27	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-14.2
3228	638728.67	4873623.81	327.27	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-17.5
3228	638728.67	4873623.81	327.27	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-30.1
3228	638728.67	4873623.81	327.27	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-61.2
3233	638728.70	4873623.84	327.27	0	DEN	32	16.0	3.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-46.6
3233	638728.70	4873623.84	327.27	0	DEN	63	24.2	3.1	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-38.5
3233	638728.70	4873623.84	327.27	0	DEN	125	30.3	3.1	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-32.5
3233	638728.70	4873623.84	327.27	0	DEN	250	35.8	3.1	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-27.3
3233	638728.70	4873623.84	327.27	0	DEN	500	41.2	3.1	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-22.4
3233	638728.70	4873623.84	327.27	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-17.2
3233	638728.70	4873623.84	327.27	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-20.6
3233	638728.70	4873623.84	327.27	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-33.1
3233	638728.70	4873623.84	327.27	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-64.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3237	638777.96	4873576.65	325.92	0	DEN	32	16.0	3.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-46.1
3237	638777.96	4873576.65	325.92	0	DEN	63	24.2	3.1	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-37.9
3237	638777.96	4873576.65	325.92	0	DEN	125	30.3	3.1	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-32.0
3237	638777.96	4873576.65	325.92	0	DEN	250	35.8	3.1	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-26.7
3237	638777.96	4873576.65	325.92	0	DEN	500	41.2	3.1	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-21.7
3237	638777.96	4873576.65	325.92	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-16.3
3237	638777.96	4873576.65	325.92	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-19.4
3237	638777.96	4873576.65	325.92	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-31.3
3237	638777.96	4873576.65	325.92	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-60.6
3242	638704.08	4873647.46	327.95	0	DEN	32	16.0	6.1	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-44.0
3242	638704.08	4873647.46	327.95	0	DEN	63	24.2	6.1	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-35.9
3242	638704.08	4873647.46	327.95	0	DEN	125	30.3	6.1	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-29.9
3242	638704.08	4873647.46	327.95	0	DEN	250	35.8	6.1	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-24.7
3242	638704.08	4873647.46	327.95	0	DEN	500	41.2	6.1	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-19.8
3242	638704.08	4873647.46	327.95	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-14.5
3242	638704.08	4873647.46	327.95	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-17.9
3242	638704.08	4873647.46	327.95	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-30.8
3242	638704.08	4873647.46	327.95	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	61.3	38.2	-1.9	0.0	0.0	10.7	0.0	0.0	-62.9
3246	638654.82	4873694.66	329.31	0	DEN	32	16.0	6.1	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-44.9
3246	638654.82	4873694.66	329.31	0	DEN	63	24.2	6.1	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-36.8
3246	638654.82	4873694.66	329.31	0	DEN	125	30.3	6.1	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-30.8
3246	638654.82	4873694.66	329.31	0	DEN	250	35.8	6.1	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-25.6
3246	638654.82	4873694.66	329.31	0	DEN	500	41.2	6.1	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-20.6
3246	638654.82	4873694.66	329.31	0	DEN	1000	47.4	6.1	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-15.2
3246	638654.82	4873694.66	329.31	0	DEN	2000	46.6	6.1	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-18.6
3246	638654.82	4873694.66	329.31	0	DEN	4000	42.4	6.1	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-31.9
3246	638654.82	4873694.66	329.31	0	DEN	8000	39.3	6.1	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-66.7
3250	638630.22	4873718.28	329.99	0	DEN	32	16.0	3.1	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-48.4
3250	638630.22	4873718.28	329.99	0	DEN	63	24.2	3.1	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-40.3
3250	638630.22	4873718.28	329.99	0	DEN	125	30.3	3.1	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-34.3
3250	638630.22	4873718.28	329.99	0	DEN	250	35.8	3.1	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-29.1
3250	638630.22	4873718.28	329.99	0	DEN	500	41.2	3.1	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-24.1
3250	638630.22	4873718.28	329.99	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-18.7
3250	638630.22	4873718.28	329.99	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-22.1
3250	638630.22	4873718.28	329.99	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-35.7
3250	638630.22	4873718.28	329.99	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-72.1
3254	638580.97	4873765.49	331.35	0	DEN	32	16.0	3.1	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-49.4
3254	638580.97	4873765.49	331.35	0	DEN	63	24.2	3.1	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-41.3
3254	638580.97	4873765.49	331.35	0	DEN	125	30.3	3.1	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-35.3
3254	638580.97	4873765.49	331.35	0	DEN	250	35.8	3.1	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-30.1
3254	638580.97	4873765.49	331.35	0	DEN	500	41.2	3.1	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-25.1
3254	638580.97	4873765.49	331.35	0	DEN	1000	47.4	3.1	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-19.7
3254	638580.97	4873765.49	331.35	0	DEN	2000	46.6	3.1	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-23.3
3254	638580.97	4873765.49	331.35	0	DEN	4000	42.4	3.1	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-37.7
3254	638580.97	4873765.49	331.35	0	DEN	8000	39.3	3.1	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-77.7
3260	638841.31	4873515.78	324.17	1	DEN	500	41.2	-17.1	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-42.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3260	638841.31	4873515.78	324.17	1	DEN	1000	47.4	-17.1	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-37.3
3260	638841.31	4873515.78	324.17	1	DEN	2000	46.6	-17.1	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-40.2
3260	638841.31	4873515.78	324.17	1	DEN	4000	42.4	-17.1	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-51.7
3260	638841.31	4873515.78	324.17	1	DEN	8000	39.3	-17.1	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-80.6
3266	638683.13	4873667.51	328.53	1	DEN	8000	39.3	-0.5	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-92.9
3279	638534.74	4873809.83	332.63	1	DEN	4000	42.4	-21.2	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-73.3
3279	638534.74	4873809.83	332.63	1	DEN	8000	39.3	-21.2	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-129.5
3286	638869.40	4873903.72	328.78	0	DEN	32	16.0	7.6	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-38.6
3286	638869.40	4873903.72	328.78	0	DEN	63	24.2	7.6	0.0	0.0	0.0	57.4	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-30.5
3286	638869.40	4873903.72	328.78	0	DEN	125	30.3	7.6	0.0	0.0	0.0	57.4	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-24.5
3286	638869.40	4873903.72	328.78	0	DEN	250	35.8	7.6	0.0	0.0	0.0	57.4	0.2	1.9	0.0	0.0	3.0	0.0	0.0	-19.2
3286	638869.40	4873903.72	328.78	0	DEN	500	41.2	7.6	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.1	0.0	0.0	-14.1
3286	638869.40	4873903.72	328.78	0	DEN	1000	47.4	7.6	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	6.8	0.0	0.0	-8.6
3286	638869.40	4873903.72	328.78	0	DEN	2000	46.6	7.6	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	7.4	0.0	0.0	-11.3
3286	638869.40	4873903.72	328.78	0	DEN	4000	42.4	7.6	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	8.4	0.0	0.0	-21.3
3286	638869.40	4873903.72	328.78	0	DEN	8000	39.3	7.6	0.0	0.0	0.0	57.4	24.4	-1.3	0.0	0.0	9.9	0.0	0.0	-43.4
3292	638907.28	4873901.04	328.42	0	DEN	32	16.0	7.6	0.0	0.0	0.0	56.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-37.5
3292	638907.28	4873901.04	328.42	0	DEN	63	24.2	7.6	0.0	0.0	0.0	56.2	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-29.3
3292	638907.28	4873901.04	328.42	0	DEN	125	30.3	7.6	0.0	0.0	0.0	56.2	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-23.4
3292	638907.28	4873901.04	328.42	0	DEN	250	35.8	7.6	0.0	0.0	0.0	56.2	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-18.2
3292	638907.28	4873901.04	328.42	0	DEN	500	41.2	7.6	0.0	0.0	0.0	56.2	0.4	-0.9	0.0	0.0	6.4	0.0	0.0	-13.2
3292	638907.28	4873901.04	328.42	0	DEN	1000	47.4	7.6	0.0	0.0	0.0	56.2	0.7	-1.3	0.0	0.0	7.3	0.0	0.0	-7.9
3292	638907.28	4873901.04	328.42	0	DEN	2000	46.6	7.6	0.0	0.0	0.0	56.2	1.8	-1.3	0.0	0.0	8.3	0.0	0.0	-10.8
3292	638907.28	4873901.04	328.42	0	DEN	4000	42.4	7.6	0.0	0.0	0.0	56.2	6.0	-1.3	0.0	0.0	9.8	0.0	0.0	-20.7
3292	638907.28	4873901.04	328.42	0	DEN	8000	39.3	7.6	0.0	0.0	0.0	56.2	21.3	-1.3	0.0	0.0	11.8	0.0	0.0	-41.1
3309	638995.34	4873568.44	321.73	0	DEN	32	16.0	11.2	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-34.1
3309	638995.34	4873568.44	321.73	0	DEN	63	24.2	11.2	0.0	0.0	0.0	56.4	0.0	-3.0	0.0	0.0	8.1	0.0	0.0	-26.2
3309	638995.34	4873568.44	321.73	0	DEN	125	30.3	11.2	0.0	0.0	0.0	56.4	0.1	1.8	0.0	0.0	3.8	0.0	0.0	-20.5
3309	638995.34	4873568.44	321.73	0	DEN	250	35.8	11.2	0.0	0.0	0.0	56.4	0.2	2.2	0.0	0.0	4.0	0.0	0.0	-15.8
3309	638995.34	4873568.44	321.73	0	DEN	500	41.2	11.2	0.0	0.0	0.0	56.4	0.4	-0.8	0.0	0.0	8.1	0.0	0.0	-11.7
3309	638995.34	4873568.44	321.73	0	DEN	1000	47.4	11.2	0.0	0.0	0.0	56.4	0.7	-1.2	0.0	0.0	10.0	0.0	0.0	-7.4
3309	638995.34	4873568.44	321.73	0	DEN	2000	46.6	11.2	0.0	0.0	0.0	56.4	1.8	-1.2	0.0	0.0	12.1	0.0	0.0	-11.4
3309	638995.34	4873568.44	321.73	0	DEN	4000	42.4	11.2	0.0	0.0	0.0	56.4	6.1	-1.2	0.0	0.0	14.6	0.0	0.0	-22.3
3309	638995.34	4873568.44	321.73	0	DEN	8000	39.3	11.2	0.0	0.0	0.0	56.4	21.7	-1.2	0.0	0.0	17.3	0.0	0.0	-43.7
3317	639001.81	4873571.06	321.48	1	DEN	250	35.8	-5.2	0.0	0.0	0.0	56.4	0.2	2.3	0.0	0.0	5.0	0.0	1.0	-34.3
3317	639001.81	4873571.06	321.48	1	DEN	500	41.2	-5.2	0.0	0.0	0.0	56.4	0.4	-0.7	0.0	0.0	9.6	0.0	1.0	-30.6
3317	639001.81	4873571.06	321.48	1	DEN	1000	47.4	-5.2	0.0	0.0	0.0	56.4	0.7	-1.1	0.0	0.0	12.0	0.0	1.0	-26.8
3317	639001.81	4873571.06	321.48	1	DEN	2000	46.6	-5.2	0.0	0.0	0.0	56.4	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-31.2
3317	639001.81	4873571.06	321.48	1	DEN	4000	42.4	-5.2	0.0	0.0	0.0	56.4	6.1	-1.1	0.0	0.0	17.1	0.0	1.0	-42.4
3317	639001.81	4873571.06	321.48	1	DEN	8000	39.3	-5.2	0.0	0.0	0.0	56.4	21.8	-1.1	0.0	0.0	20.0	0.0	1.0	-64.0
3325	639001.56	4873570.75	321.49	1	DEN	250	35.8	-2.7	0.0	0.0	0.0	56.4	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-31.7
3325	639001.56	4873570.75	321.49	1	DEN	500	41.2	-2.7	0.0	0.0	0.0	56.4	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-28.0
3325	639001.56	4873570.75	321.49	1	DEN	1000	47.4	-2.7	0.0	0.0	0.0	56.4	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-24.2
3325	639001.56	4873570.75	321.49	1	DEN	2000	46.6	-2.7	0.0	0.0	0.0	56.4	1.8	-1.1	0.0	0.0	14.3	0.0	1.0	-28.6
3325	639001.56	4873570.75	321.49	1	DEN	4000	42.4	-2.7	0.0	0.0	0.0	56.4	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-39.8
3325	639001.56	4873570.75	321.49	1	DEN	8000	39.3	-2.7	0.0	0.0	0.0	56.4	21.8	-1.1	0.0	0.0	19.8	0.0	1.0	-61.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3333	639001.27	4873570.64	321.50	1	DEN	250	35.8	-6.6	0.0	0.0	0.0	56.4	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-35.6
3333	639001.27	4873570.64	321.50	1	DEN	500	41.2	-6.6	0.0	0.0	0.0	56.4	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-31.9
3333	639001.27	4873570.64	321.50	1	DEN	1000	47.4	-6.6	0.0	0.0	0.0	56.4	0.7	-1.1	0.0	0.0	11.8	0.0	1.0	-28.0
3333	639001.27	4873570.64	321.50	1	DEN	2000	46.6	-6.6	0.0	0.0	0.0	56.4	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-32.3
3333	639001.27	4873570.64	321.50	1	DEN	4000	42.4	-6.6	0.0	0.0	0.0	56.4	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-43.5
3333	639001.27	4873570.64	321.50	1	DEN	8000	39.3	-6.6	0.0	0.0	0.0	56.4	21.8	-1.1	0.0	0.0	19.7	0.0	1.0	-65.2
3341	638994.59	4873568.15	321.75	1	DEN	250	35.8	10.7	0.0	0.0	0.0	56.6	0.2	2.2	0.0	0.0	3.9	0.0	1.0	-17.4
3341	638994.59	4873568.15	321.75	1	DEN	500	41.2	10.7	0.0	0.0	0.0	56.6	0.4	-0.8	0.0	0.0	7.8	0.0	1.0	-13.1
3341	638994.59	4873568.15	321.75	1	DEN	1000	47.4	10.7	0.0	0.0	0.0	56.6	0.7	-1.2	0.0	0.0	9.7	0.0	1.0	-8.7
3341	638994.59	4873568.15	321.75	1	DEN	2000	46.6	10.7	0.0	0.0	0.0	56.6	1.8	-1.2	0.0	0.0	11.7	0.0	1.0	-12.7
3341	638994.59	4873568.15	321.75	1	DEN	4000	42.4	10.7	0.0	0.0	0.0	56.6	6.2	-1.2	0.0	0.0	14.1	0.0	1.0	-23.6
3341	638994.59	4873568.15	321.75	1	DEN	8000	39.3	10.7	0.0	0.0	0.0	56.6	22.2	-1.2	0.0	0.0	16.8	0.0	1.0	-45.3
3350	638597.87	4873836.09	332.35	0	DEN	32	16.0	17.8	0.0	0.0	0.0	63.5	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-34.5
3350	638597.87	4873836.09	332.35	0	DEN	63	24.2	17.8	0.0	0.0	0.0	63.5	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-26.4
3350	638597.87	4873836.09	332.35	0	DEN	125	30.3	17.8	0.0	0.0	0.0	63.5	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-20.4
3350	638597.87	4873836.09	332.35	0	DEN	250	35.8	17.8	0.0	0.0	0.0	63.5	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-15.2
3350	638597.87	4873836.09	332.35	0	DEN	500	41.2	17.8	0.0	0.0	0.0	63.5	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-10.2
3350	638597.87	4873836.09	332.35	0	DEN	1000	47.4	17.8	0.0	0.0	0.0	63.5	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-4.7
3350	638597.87	4873836.09	332.35	0	DEN	2000	46.6	17.8	0.0	0.0	0.0	63.5	4.1	-2.2	0.0	0.0	7.1	0.0	0.0	-8.2
3350	638597.87	4873836.09	332.35	0	DEN	4000	42.4	17.8	0.0	0.0	0.0	63.5	13.9	-2.2	0.0	0.0	7.2	0.0	0.0	-22.3
3350	638597.87	4873836.09	332.35	0	DEN	8000	39.3	17.8	0.0	0.0	0.0	63.5	49.6	-2.2	0.0	0.0	7.5	0.0	0.0	-61.3
3357	638531.83	4873812.75	332.71	1	DEN	4000	42.4	-38.6	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-90.7
3357	638531.83	4873812.75	332.71	1	DEN	8000	39.3	-38.6	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-146.4
3364	638535.39	4873814.01	332.69	1	DEN	4000	42.4	-7.3	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-59.2
3364	638535.39	4873814.01	332.69	1	DEN	8000	39.3	-7.3	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-115.1
3372	638595.52	4873835.34	332.35	0	DEN	32	16.0	17.8	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-34.6
3372	638595.52	4873835.34	332.35	0	DEN	63	24.2	17.8	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-26.4
3372	638595.52	4873835.34	332.35	0	DEN	125	30.3	17.8	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-20.4
3372	638595.52	4873835.34	332.35	0	DEN	250	35.8	17.8	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-15.2
3372	638595.52	4873835.34	332.35	0	DEN	500	41.2	17.8	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-10.2
3372	638595.52	4873835.34	332.35	0	DEN	1000	47.4	17.8	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-4.8
3372	638595.52	4873835.34	332.35	0	DEN	2000	46.6	17.8	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.1	0.0	0.0	-8.2
3372	638595.52	4873835.34	332.35	0	DEN	4000	42.4	17.8	0.0	0.0	0.0	63.6	14.0	-2.2	0.0	0.0	7.2	0.0	0.0	-22.4
3372	638595.52	4873835.34	332.35	0	DEN	8000	39.3	17.8	0.0	0.0	0.0	63.6	49.8	-2.2	0.0	0.0	7.5	0.0	0.0	-61.6
3380	638531.83	4873812.75	332.71	1	DEN	4000	42.4	-38.3	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-90.4
3380	638531.83	4873812.75	332.71	1	DEN	8000	39.3	-38.3	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-146.1
3386	638535.39	4873814.02	332.69	1	DEN	4000	42.4	-7.0	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-58.9
3386	638535.39	4873814.02	332.69	1	DEN	8000	39.3	-7.0	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-114.8
3393	638607.93	4873673.23	329.21	0	DEN	32	16.0	17.6	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-34.6
3393	638607.93	4873673.23	329.21	0	DEN	63	24.2	17.6	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-26.4
3393	638607.93	4873673.23	329.21	0	DEN	125	30.3	17.6	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-20.5
3393	638607.93	4873673.23	329.21	0	DEN	250	35.8	17.6	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.8	0.0	0.0	-15.3
3393	638607.93	4873673.23	329.21	0	DEN	500	41.2	17.6	0.0	0.0	0.0	63.3	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	-10.3
3393	638607.93	4873673.23	329.21	0	DEN	1000	47.4	17.6	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	-5.0
3393	638607.93	4873673.23	329.21	0	DEN	2000	46.6	17.6	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	-8.6
3393	638607.93	4873673.23	329.21	0	DEN	4000	42.4	17.6	0.0	0.0	0.0	63.3	13.6	-2.2	0.0	0.0	8.1	0.0	0.0	-22.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3393	638607.93	4873673.23	329.21	0	DEN	8000	39.3	17.6	0.0	0.0	0.0	63.3	48.3	-2.2	0.0	0.0	9.0	0.0	0.0	-61.6
3400	638963.21	4873557.53	322.41	0	DEN	32	16.0	10.8	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-35.1
3400	638963.21	4873557.53	322.41	0	DEN	63	24.2	10.8	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-27.0
3400	638963.21	4873557.53	322.41	0	DEN	125	30.3	10.8	0.0	0.0	0.0	57.1	0.1	1.6	0.0	0.0	3.4	0.0	0.0	-21.1
3400	638963.21	4873557.53	322.41	0	DEN	250	35.8	10.8	0.0	0.0	0.0	57.1	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-15.9
3400	638963.21	4873557.53	322.41	0	DEN	500	41.2	10.8	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.5	0.0	0.0	-11.1
3400	638963.21	4873557.53	322.41	0	DEN	1000	47.4	10.8	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	7.6	0.0	0.0	-6.0
3400	638963.21	4873557.53	322.41	0	DEN	2000	46.6	10.8	0.0	0.0	0.0	57.1	2.0	-1.3	0.0	0.0	8.7	0.0	0.0	-9.1
3400	638963.21	4873557.53	322.41	0	DEN	4000	42.4	10.8	0.0	0.0	0.0	57.1	6.6	-1.3	0.0	0.0	10.3	0.0	0.0	-19.6
3400	638963.21	4873557.53	322.41	0	DEN	8000	39.3	10.8	0.0	0.0	0.0	57.1	23.6	-1.3	0.0	0.0	12.5	0.0	0.0	-41.8
3407	639001.54	4873571.41	321.47	1	DEN	250	35.8	-30.2	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-59.3
3407	639001.54	4873571.41	321.47	1	DEN	500	41.2	-30.2	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-55.6
3407	639001.54	4873571.41	321.47	1	DEN	1000	47.4	-30.2	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-51.8
3407	639001.54	4873571.41	321.47	1	DEN	2000	46.6	-30.2	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.4	0.0	1.0	-56.1
3407	639001.54	4873571.41	321.47	1	DEN	4000	42.4	-30.2	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-67.3
3407	639001.54	4873571.41	321.47	1	DEN	8000	39.3	-30.2	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.9	0.0	1.0	-89.0
3414	639001.07	4873571.23	321.48	1	DEN	250	35.8	-25.0	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-54.0
3414	639001.07	4873571.23	321.48	1	DEN	500	41.2	-25.0	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-50.2
3414	639001.07	4873571.23	321.48	1	DEN	1000	47.4	-25.0	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-46.4
3414	639001.07	4873571.23	321.48	1	DEN	2000	46.6	-25.0	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-50.7
3414	639001.07	4873571.23	321.48	1	DEN	4000	42.4	-25.0	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-61.9
3414	639001.07	4873571.23	321.48	1	DEN	8000	39.3	-25.0	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.6	0.0	1.0	-83.6
3422	638988.15	4873566.55	321.80	1	DEN	250	35.8	1.9	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-25.9
3422	638988.15	4873566.55	321.80	1	DEN	500	41.2	1.9	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-21.5
3422	638988.15	4873566.55	321.80	1	DEN	1000	47.4	1.9	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-16.8
3422	638988.15	4873566.55	321.80	1	DEN	2000	46.6	1.9	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-20.5
3422	638988.15	4873566.55	321.80	1	DEN	4000	42.4	1.9	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-31.3
3422	638988.15	4873566.55	321.80	1	DEN	8000	39.3	1.9	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-53.2
3430	638976.06	4873562.17	322.10	1	DEN	250	35.8	2.7	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-25.0
3430	638976.06	4873562.17	322.10	1	DEN	500	41.2	2.7	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-20.3
3430	638976.06	4873562.17	322.10	1	DEN	1000	47.4	2.7	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-15.3
3430	638976.06	4873562.17	322.10	1	DEN	2000	46.6	2.7	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-18.6
3430	638976.06	4873562.17	322.10	1	DEN	4000	42.4	2.7	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-29.2
3430	638976.06	4873562.17	322.10	1	DEN	8000	39.3	2.7	0.0	0.0	0.0	57.0	23.2	-1.2	0.0	0.0	13.3	0.0	1.0	-51.3
3436	638965.47	4873558.33	322.36	1	DEN	250	35.8	4.9	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-22.9
3436	638965.47	4873558.33	322.36	1	DEN	500	41.2	4.9	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-18.1
3436	638965.47	4873558.33	322.36	1	DEN	1000	47.4	4.9	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-12.9
3436	638965.47	4873558.33	322.36	1	DEN	2000	46.6	4.9	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-16.0
3436	638965.47	4873558.33	322.36	1	DEN	4000	42.4	4.9	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-26.5
3436	638965.47	4873558.33	322.36	1	DEN	8000	39.3	4.9	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-48.9
3441	638956.27	4873554.99	322.58	1	DEN	250	35.8	3.8	0.0	0.0	0.0	57.4	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-24.1
3441	638956.27	4873554.99	322.58	1	DEN	500	41.2	3.8	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-19.3
3441	638956.27	4873554.99	322.58	1	DEN	1000	47.4	3.8	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-14.0
3441	638956.27	4873554.99	322.58	1	DEN	2000	46.6	3.8	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-17.0
3441	638956.27	4873554.99	322.58	1	DEN	4000	42.4	3.8	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	9.8	0.0	1.0	-27.5
3441	638956.27	4873554.99	322.58	1	DEN	8000	39.3	3.8	0.0	0.0	0.0	57.4	24.4	-1.3	0.0	0.0	11.7	0.0	1.0	-50.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3447	638951.01	4873553.11	322.71	1	DEN	125	30.3	0.7	0.0	0.0	0.0	57.5	0.1	1.4	0.0	0.0	3.5	0.0	1.0	-32.5
3447	638951.01	4873553.11	322.71	1	DEN	250	35.8	0.7	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-27.3
3447	638951.01	4873553.11	322.71	1	DEN	500	41.2	0.7	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-22.4
3447	638951.01	4873553.11	322.71	1	DEN	1000	47.4	0.7	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-17.1
3447	638951.01	4873553.11	322.71	1	DEN	2000	46.6	0.7	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.2	0.0	1.0	-20.1
3447	638951.01	4873553.11	322.71	1	DEN	4000	42.4	0.7	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.6	0.0	1.0	-30.6
3447	638951.01	4873553.11	322.71	1	DEN	8000	39.3	0.7	0.0	0.0	0.0	57.5	24.7	-1.3	0.0	0.0	11.5	0.0	1.0	-53.5
3453	638945.14	4873551.06	322.84	1	DEN	125	30.3	2.4	0.0	0.0	0.0	57.7	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-31.0
3453	638945.14	4873551.06	322.84	1	DEN	250	35.8	2.4	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-25.8
3453	638945.14	4873551.06	322.84	1	DEN	500	41.2	2.4	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-20.8
3453	638945.14	4873551.06	322.84	1	DEN	1000	47.4	2.4	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-15.5
3453	638945.14	4873551.06	322.84	1	DEN	2000	46.6	2.4	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-18.5
3453	638945.14	4873551.06	322.84	1	DEN	4000	42.4	2.4	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-29.0
3453	638945.14	4873551.06	322.84	1	DEN	8000	39.3	2.4	0.0	0.0	0.0	57.7	25.2	-1.4	0.0	0.0	11.3	0.0	1.0	-52.1
3458	638938.16	4873548.62	322.99	1	DEN	125	30.3	-6.0	0.0	0.0	0.0	57.8	0.1	1.3	0.0	0.0	3.6	0.0	1.0	-39.6
3458	638938.16	4873548.62	322.99	1	DEN	250	35.8	-6.0	0.0	0.0	0.0	57.8	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-34.3
3458	638938.16	4873548.62	322.99	1	DEN	500	41.2	-6.0	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-29.4
3458	638938.16	4873548.62	322.99	1	DEN	1000	47.4	-6.0	0.0	0.0	0.0	57.8	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-24.0
3458	638938.16	4873548.62	322.99	1	DEN	2000	46.6	-6.0	0.0	0.0	0.0	57.8	2.1	-1.4	0.0	0.0	7.9	0.0	1.0	-26.9
3458	638938.16	4873548.62	322.99	1	DEN	4000	42.4	-6.0	0.0	0.0	0.0	57.8	7.2	-1.4	0.0	0.0	9.2	0.0	1.0	-37.4
3458	638938.16	4873548.62	322.99	1	DEN	8000	39.3	-6.0	0.0	0.0	0.0	57.8	25.7	-1.4	0.0	0.0	10.9	0.0	1.0	-60.8
3465	638584.59	4873831.87	332.23	0	DEN	32	16.0	17.5	0.0	0.0	0.0	63.8	0.0	-4.6	0.0	0.0	9.3	0.0	0.0	-35.1
3465	638584.59	4873831.87	332.23	0	DEN	63	24.2	17.5	0.0	0.0	0.0	63.8	0.1	-4.6	0.0	0.0	9.3	0.0	0.0	-26.9
3465	638584.59	4873831.87	332.23	0	DEN	125	30.3	17.5	0.0	0.0	0.0	63.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-21.0
3465	638584.59	4873831.87	332.23	0	DEN	250	35.8	17.5	0.0	0.0	0.0	63.8	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-15.7
3465	638584.59	4873831.87	332.23	0	DEN	500	41.2	17.5	0.0	0.0	0.0	63.8	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-10.7
3465	638584.59	4873831.87	332.23	0	DEN	1000	47.4	17.5	0.0	0.0	0.0	63.8	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-5.3
3465	638584.59	4873831.87	332.23	0	DEN	2000	46.6	17.5	0.0	0.0	0.0	63.8	4.2	-2.2	0.0	0.0	7.1	0.0	0.0	-8.8
3465	638584.59	4873831.87	332.23	0	DEN	4000	42.4	17.5	0.0	0.0	0.0	63.8	14.3	-2.2	0.0	0.0	7.2	0.0	0.0	-23.2
3465	638584.59	4873831.87	332.23	0	DEN	8000	39.3	17.5	0.0	0.0	0.0	63.8	51.0	-2.2	0.0	0.0	7.5	0.0	0.0	-63.3
3471	638531.83	4873812.75	332.71	1	DEN	4000	42.4	-36.7	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-88.8
3471	638531.83	4873812.75	332.71	1	DEN	8000	39.3	-36.7	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-144.5
3479	638535.40	4873814.05	332.68	1	DEN	4000	42.4	-5.5	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-57.4
3479	638535.40	4873814.05	332.68	1	DEN	8000	39.3	-5.5	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-113.3
3487	638612.98	4873840.49	331.55	0	DEN	32	16.0	14.5	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-37.6
3487	638612.98	4873840.49	331.55	0	DEN	63	24.2	14.5	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-29.4
3487	638612.98	4873840.49	331.55	0	DEN	125	30.3	14.5	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-23.4
3487	638612.98	4873840.49	331.55	0	DEN	250	35.8	14.5	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-18.2
3487	638612.98	4873840.49	331.55	0	DEN	500	41.2	14.5	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-13.2
3487	638612.98	4873840.49	331.55	0	DEN	1000	47.4	14.5	0.0	0.0	0.0	63.3	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-7.8
3487	638612.98	4873840.49	331.55	0	DEN	2000	46.6	14.5	0.0	0.0	0.0	63.3	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-11.1
3487	638612.98	4873840.49	331.55	0	DEN	4000	42.4	14.5	0.0	0.0	0.0	63.3	13.4	-2.1	0.0	0.0	7.3	0.0	0.0	-25.0
3487	638612.98	4873840.49	331.55	0	DEN	8000	39.3	14.5	0.0	0.0	0.0	63.3	47.9	-2.1	0.0	0.0	7.6	0.0	0.0	-62.9
3493	638662.13	4873857.30	330.84	0	DEN	32	16.0	9.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-41.9
3493	638662.13	4873857.30	330.84	0	DEN	63	24.2	9.1	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-33.8
3493	638662.13	4873857.30	330.84	0	DEN	125	30.3	9.1	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-27.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3493	638662.13	4873857.30	330.84	0	DEN	250	35.8	9.1	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-22.5
3493	638662.13	4873857.30	330.84	0	DEN	500	41.2	9.1	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-17.5
3493	638662.13	4873857.30	330.84	0	DEN	1000	47.4	9.1	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-12.0
3493	638662.13	4873857.30	330.84	0	DEN	2000	46.6	9.1	0.0	0.0	0.0	62.3	3.5	-2.0	0.0	0.0	7.1	0.0	0.0	-15.1
3493	638662.13	4873857.30	330.84	0	DEN	4000	42.4	9.1	0.0	0.0	0.0	62.3	12.0	-2.0	0.0	0.0	7.3	0.0	0.0	-28.1
3493	638662.13	4873857.30	330.84	0	DEN	8000	39.3	9.1	0.0	0.0	0.0	62.3	42.9	-2.0	0.0	0.0	7.8	0.0	0.0	-62.5
3500	638676.58	4873862.15	330.69	0	DEN	32	16.0	6.8	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-43.9
3500	638676.58	4873862.15	330.69	0	DEN	63	24.2	6.8	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-35.8
3500	638676.58	4873862.15	330.69	0	DEN	125	30.3	6.8	0.0	0.0	0.0	62.0	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-29.8
3500	638676.58	4873862.15	330.69	0	DEN	250	35.8	6.8	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-24.5
3500	638676.58	4873862.15	330.69	0	DEN	500	41.2	6.8	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-19.5
3500	638676.58	4873862.15	330.69	0	DEN	1000	47.4	6.8	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-14.0
3500	638676.58	4873862.15	330.69	0	DEN	2000	46.6	6.8	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	-17.1
3500	638676.58	4873862.15	330.69	0	DEN	4000	42.4	6.8	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.4	0.0	0.0	-29.7
3500	638676.58	4873862.15	330.69	0	DEN	8000	39.3	6.8	0.0	0.0	0.0	62.0	41.4	-2.0	0.0	0.0	7.9	0.0	0.0	-63.1
3507	638535.38	4873813.97	332.66	1	DEN	4000	42.4	-12.5	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-64.4
3507	638535.38	4873813.97	332.66	1	DEN	8000	39.3	-12.5	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-120.3
3514	638612.65	4873840.58	331.65	0	DEN	32	16.0	15.7	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-36.4
3514	638612.65	4873840.58	331.65	0	DEN	63	24.2	15.7	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-28.2
3514	638612.65	4873840.58	331.65	0	DEN	125	30.3	15.7	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-22.2
3514	638612.65	4873840.58	331.65	0	DEN	250	35.8	15.7	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-17.0
3514	638612.65	4873840.58	331.65	0	DEN	500	41.2	15.7	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-12.0
3514	638612.65	4873840.58	331.65	0	DEN	1000	47.4	15.7	0.0	0.0	0.0	63.3	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-6.5
3514	638612.65	4873840.58	331.65	0	DEN	2000	46.6	15.7	0.0	0.0	0.0	63.3	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-9.9
3514	638612.65	4873840.58	331.65	0	DEN	4000	42.4	15.7	0.0	0.0	0.0	63.3	13.5	-2.1	0.0	0.0	7.3	0.0	0.0	-23.8
3514	638612.65	4873840.58	331.65	0	DEN	8000	39.3	15.7	0.0	0.0	0.0	63.3	48.0	-2.1	0.0	0.0	7.6	0.0	0.0	-61.7
3521	638656.90	4873855.82	331.06	0	DEN	32	16.0	6.8	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-44.4
3521	638656.90	4873855.82	331.06	0	DEN	63	24.2	6.8	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-36.3
3521	638656.90	4873855.82	331.06	0	DEN	125	30.3	6.8	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-30.3
3521	638656.90	4873855.82	331.06	0	DEN	250	35.8	6.8	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-25.0
3521	638656.90	4873855.82	331.06	0	DEN	500	41.2	6.8	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-20.0
3521	638656.90	4873855.82	331.06	0	DEN	1000	47.4	6.8	0.0	0.0	0.0	62.4	1.4	-2.0	0.0	0.0	6.9	0.0	0.0	-14.5
3521	638656.90	4873855.82	331.06	0	DEN	2000	46.6	6.8	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.1	0.0	0.0	-17.7
3521	638656.90	4873855.82	331.06	0	DEN	4000	42.4	6.8	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	7.3	0.0	0.0	-30.7
3521	638656.90	4873855.82	331.06	0	DEN	8000	39.3	6.8	0.0	0.0	0.0	62.4	43.4	-2.1	0.0	0.0	7.7	0.0	0.0	-65.4
3527	638663.72	4873858.13	330.87	0	DEN	32	16.0	4.8	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-46.3
3527	638663.72	4873858.13	330.87	0	DEN	63	24.2	4.8	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-38.1
3527	638663.72	4873858.13	330.87	0	DEN	125	30.3	4.8	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-32.2
3527	638663.72	4873858.13	330.87	0	DEN	250	35.8	4.8	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-26.9
3527	638663.72	4873858.13	330.87	0	DEN	500	41.2	4.8	0.0	0.0	0.0	62.3	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-21.9
3527	638663.72	4873858.13	330.87	0	DEN	1000	47.4	4.8	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-16.4
3527	638663.72	4873858.13	330.87	0	DEN	2000	46.6	4.8	0.0	0.0	0.0	62.3	3.5	-2.0	0.0	0.0	7.1	0.0	0.0	-19.5
3527	638663.72	4873858.13	330.87	0	DEN	4000	42.4	4.8	0.0	0.0	0.0	62.3	12.0	-2.0	0.0	0.0	7.3	0.0	0.0	-32.4
3527	638663.72	4873858.13	330.87	0	DEN	8000	39.3	4.8	0.0	0.0	0.0	62.3	42.7	-2.0	0.0	0.0	7.8	0.0	0.0	-66.7
3534	638535.38	4873813.98	332.66	1	DEN	4000	42.4	-11.2	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-63.1
3534	638535.38	4873813.98	332.66	1	DEN	8000	39.3	-11.2	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-119.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3543	638841.14	4873515.68	324.16	0	DEN	32	16.0	-22.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-71.3
3543	638841.14	4873515.68	324.16	0	DEN	63	24.2	-22.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-63.2
3543	638841.14	4873515.68	324.16	0	DEN	125	30.3	-22.2	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-57.2
3543	638841.14	4873515.68	324.16	0	DEN	250	35.8	-22.2	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-51.9
3543	638841.14	4873515.68	324.16	0	DEN	500	41.2	-22.2	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-46.8
3543	638841.14	4873515.68	324.16	0	DEN	1000	47.4	-22.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-41.3
3543	638841.14	4873515.68	324.16	0	DEN	2000	46.6	-22.2	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-44.2
3543	638841.14	4873515.68	324.16	0	DEN	4000	42.4	-22.2	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-55.7
3543	638841.14	4873515.68	324.16	0	DEN	8000	39.3	-22.2	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-84.4
3550	638834.11	4873522.39	324.36	0	DEN	32	16.0	4.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-45.0
3550	638834.11	4873522.39	324.36	0	DEN	63	24.2	4.1	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-36.8
3550	638834.11	4873522.39	324.36	0	DEN	125	30.3	4.1	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-30.8
3550	638834.11	4873522.39	324.36	0	DEN	250	35.8	4.1	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-25.6
3550	638834.11	4873522.39	324.36	0	DEN	500	41.2	4.1	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-20.5
3550	638834.11	4873522.39	324.36	0	DEN	1000	47.4	4.1	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-15.0
3550	638834.11	4873522.39	324.36	0	DEN	2000	46.6	4.1	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-17.8
3550	638834.11	4873522.39	324.36	0	DEN	4000	42.4	4.1	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-29.3
3550	638834.11	4873522.39	324.36	0	DEN	8000	39.3	4.1	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-57.9
3556	638802.40	4873552.82	325.23	0	DEN	32	16.0	8.2	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-40.9
3556	638802.40	4873552.82	325.23	0	DEN	63	24.2	8.2	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-32.7
3556	638802.40	4873552.82	325.23	0	DEN	125	30.3	8.2	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-26.7
3556	638802.40	4873552.82	325.23	0	DEN	250	35.8	8.2	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-21.5
3556	638802.40	4873552.82	325.23	0	DEN	500	41.2	8.2	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-16.4
3556	638802.40	4873552.82	325.23	0	DEN	1000	47.4	8.2	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-10.9
3556	638802.40	4873552.82	325.23	0	DEN	2000	46.6	8.2	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-13.9
3556	638802.40	4873552.82	325.23	0	DEN	4000	42.4	8.2	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-25.5
3556	638802.40	4873552.82	325.23	0	DEN	8000	39.3	8.2	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	9.2	0.0	0.0	-54.2
3562	638777.81	4873576.47	325.91	0	DEN	32	16.0	5.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-44.0
3562	638777.81	4873576.47	325.91	0	DEN	63	24.2	5.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-35.8
3562	638777.81	4873576.47	325.91	0	DEN	125	30.3	5.2	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-29.9
3562	638777.81	4873576.47	325.91	0	DEN	250	35.8	5.2	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-24.6
3562	638777.81	4873576.47	325.91	0	DEN	500	41.2	5.2	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-19.6
3562	638777.81	4873576.47	325.91	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-14.2
3562	638777.81	4873576.47	325.91	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-17.3
3562	638777.81	4873576.47	325.91	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-29.2
3562	638777.81	4873576.47	325.91	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-58.5
3567	638728.57	4873623.69	327.27	0	DEN	32	16.0	5.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-44.5
3567	638728.57	4873623.69	327.27	0	DEN	63	24.2	5.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-36.4
3567	638728.57	4873623.69	327.27	0	DEN	125	30.3	5.2	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-30.4
3567	638728.57	4873623.69	327.27	0	DEN	250	35.8	5.2	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-25.2
3567	638728.57	4873623.69	327.27	0	DEN	500	41.2	5.2	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-20.3
3567	638728.57	4873623.69	327.27	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-15.1
3567	638728.57	4873623.69	327.27	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-18.5
3567	638728.57	4873623.69	327.27	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-31.0
3567	638728.57	4873623.69	327.27	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-62.1
3573	638728.59	4873623.72	327.27	0	DEN	32	16.0	2.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-47.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3573	638728.59	4873623.72	327.27	0	DEN	63	24.2	2.2	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-39.4
3573	638728.59	4873623.72	327.27	0	DEN	125	30.3	2.2	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-33.4
3573	638728.59	4873623.72	327.27	0	DEN	250	35.8	2.2	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-28.2
3573	638728.59	4873623.72	327.27	0	DEN	500	41.2	2.2	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-23.3
3573	638728.59	4873623.72	327.27	0	DEN	1000	47.4	2.2	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-18.1
3573	638728.59	4873623.72	327.27	0	DEN	2000	46.6	2.2	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-21.5
3573	638728.59	4873623.72	327.27	0	DEN	4000	42.4	2.2	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-34.0
3573	638728.59	4873623.72	327.27	0	DEN	8000	39.3	2.2	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-65.1
3580	638777.83	4873576.49	325.91	0	DEN	32	16.0	2.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-47.0
3580	638777.83	4873576.49	325.91	0	DEN	63	24.2	2.2	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-38.8
3580	638777.83	4873576.49	325.91	0	DEN	125	30.3	2.2	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-32.9
3580	638777.83	4873576.49	325.91	0	DEN	250	35.8	2.2	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-27.6
3580	638777.83	4873576.49	325.91	0	DEN	500	41.2	2.2	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-22.6
3580	638777.83	4873576.49	325.91	0	DEN	1000	47.4	2.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-17.2
3580	638777.83	4873576.49	325.91	0	DEN	2000	46.6	2.2	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-20.3
3580	638777.83	4873576.49	325.91	0	DEN	4000	42.4	2.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-32.3
3580	638777.83	4873576.49	325.91	0	DEN	8000	39.3	2.2	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-61.5
3587	638703.99	4873647.35	327.95	0	DEN	32	16.0	5.2	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-44.9
3587	638703.99	4873647.35	327.95	0	DEN	63	24.2	5.2	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-36.8
3587	638703.99	4873647.35	327.95	0	DEN	125	30.3	5.2	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-30.8
3587	638703.99	4873647.35	327.95	0	DEN	250	35.8	5.2	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-25.6
3587	638703.99	4873647.35	327.95	0	DEN	500	41.2	5.2	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-20.7
3587	638703.99	4873647.35	327.95	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-15.4
3587	638703.99	4873647.35	327.95	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-18.8
3587	638703.99	4873647.35	327.95	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-31.7
3587	638703.99	4873647.35	327.95	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-63.9
3593	638654.76	4873694.58	329.31	0	DEN	32	16.0	5.2	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-45.8
3593	638654.76	4873694.58	329.31	0	DEN	63	24.2	5.2	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-37.7
3593	638654.76	4873694.58	329.31	0	DEN	125	30.3	5.2	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-31.7
3593	638654.76	4873694.58	329.31	0	DEN	250	35.8	5.2	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-26.5
3593	638654.76	4873694.58	329.31	0	DEN	500	41.2	5.2	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-21.5
3593	638654.76	4873694.58	329.31	0	DEN	1000	47.4	5.2	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-16.1
3593	638654.76	4873694.58	329.31	0	DEN	2000	46.6	5.2	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-19.5
3593	638654.76	4873694.58	329.31	0	DEN	4000	42.4	5.2	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-32.8
3593	638654.76	4873694.58	329.31	0	DEN	8000	39.3	5.2	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-67.6
3599	638630.16	4873718.22	329.99	0	DEN	32	16.0	2.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-49.3
3599	638630.16	4873718.22	329.99	0	DEN	63	24.2	2.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-41.2
3599	638630.16	4873718.22	329.99	0	DEN	125	30.3	2.2	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-35.2
3599	638630.16	4873718.22	329.99	0	DEN	250	35.8	2.2	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-30.0
3599	638630.16	4873718.22	329.99	0	DEN	500	41.2	2.2	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-25.0
3599	638630.16	4873718.22	329.99	0	DEN	1000	47.4	2.2	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-19.6
3599	638630.16	4873718.22	329.99	0	DEN	2000	46.6	2.2	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-23.0
3599	638630.16	4873718.22	329.99	0	DEN	4000	42.4	2.2	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-36.6
3599	638630.16	4873718.22	329.99	0	DEN	8000	39.3	2.2	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-73.0
3604	638580.94	4873765.47	331.35	0	DEN	32	16.0	2.2	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-50.3
3604	638580.94	4873765.47	331.35	0	DEN	63	24.2	2.2	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-42.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3604	638580.94	4873765.47	331.35	0	DEN	125	30.3	2.2	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-36.2
3604	638580.94	4873765.47	331.35	0	DEN	250	35.8	2.2	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-31.0
3604	638580.94	4873765.47	331.35	0	DEN	500	41.2	2.2	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-26.0
3604	638580.94	4873765.47	331.35	0	DEN	1000	47.4	2.2	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-20.6
3604	638580.94	4873765.47	331.35	0	DEN	2000	46.6	2.2	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-24.2
3604	638580.94	4873765.47	331.35	0	DEN	4000	42.4	2.2	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-38.6
3604	638580.94	4873765.47	331.35	0	DEN	8000	39.3	2.2	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-78.6
3612	638841.07	4873515.69	324.17	1	DEN	500	41.2	-18.9	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-44.7
3612	638841.07	4873515.69	324.17	1	DEN	1000	47.4	-18.9	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-39.1
3612	638841.07	4873515.69	324.17	1	DEN	2000	46.6	-18.9	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-42.0
3612	638841.07	4873515.69	324.17	1	DEN	4000	42.4	-18.9	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-53.6
3612	638841.07	4873515.69	324.17	1	DEN	8000	39.3	-18.9	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-82.4
3619	638683.05	4873667.43	328.53	1	DEN	8000	39.3	-1.4	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-93.8
3631	638534.74	4873809.83	332.63	1	DEN	4000	42.4	-22.1	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-74.2
3631	638534.74	4873809.83	332.63	1	DEN	8000	39.3	-22.1	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-130.4
3649	638987.69	4873565.84	321.75	0	DEN	32	16.0	9.3	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-35.5
3649	638987.69	4873565.84	321.75	0	DEN	63	24.2	9.3	0.0	0.0	0.0	56.5	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-27.7
3649	638987.69	4873565.84	321.75	0	DEN	125	30.3	9.3	0.0	0.0	0.0	56.5	0.1	1.6	0.0	0.0	3.7	0.0	0.0	-22.3
3649	638987.69	4873565.84	321.75	0	DEN	250	35.8	9.3	0.0	0.0	0.0	56.5	0.2	2.1	0.0	0.0	3.7	0.0	0.0	-17.4
3649	638987.69	4873565.84	321.75	0	DEN	500	41.2	9.3	0.0	0.0	0.0	56.5	0.4	-0.8	0.0	0.0	7.5	0.0	0.0	-13.0
3649	638987.69	4873565.84	321.75	0	DEN	1000	47.4	9.3	0.0	0.0	0.0	56.5	0.7	-1.2	0.0	0.0	9.2	0.0	0.0	-8.5
3649	638987.69	4873565.84	321.75	0	DEN	2000	46.6	9.3	0.0	0.0	0.0	56.5	1.8	-1.2	0.0	0.0	11.1	0.0	0.0	-12.3
3649	638987.69	4873565.84	321.75	0	DEN	4000	42.4	9.3	0.0	0.0	0.0	56.5	6.2	-1.2	0.0	0.0	13.3	0.0	0.0	-23.1
3649	638987.69	4873565.84	321.75	0	DEN	8000	39.3	9.3	0.0	0.0	0.0	56.5	22.1	-1.2	0.0	0.0	15.9	0.0	0.0	-44.8
3656	639001.19	4873571.25	321.48	1	DEN	250	35.8	-16.9	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-45.9
3656	639001.19	4873571.25	321.48	1	DEN	500	41.2	-16.9	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.4	0.0	1.0	-42.2
3656	639001.19	4873571.25	321.48	1	DEN	1000	47.4	-16.9	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.8	0.0	1.0	-38.3
3656	639001.19	4873571.25	321.48	1	DEN	2000	46.6	-16.9	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.2	0.0	1.0	-42.6
3656	639001.19	4873571.25	321.48	1	DEN	4000	42.4	-16.9	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.9	0.0	1.0	-53.9
3656	639001.19	4873571.25	321.48	1	DEN	8000	39.3	-16.9	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.7	0.0	1.0	-75.5
3662	638988.55	4873566.18	321.74	1	DEN	250	35.8	8.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-19.1
3662	638988.55	4873566.18	321.74	1	DEN	500	41.2	8.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.4	0.0	1.0	-14.7
3662	638988.55	4873566.18	321.74	1	DEN	1000	47.4	8.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	9.0	0.0	1.0	-10.0
3662	638988.55	4873566.18	321.74	1	DEN	2000	46.6	8.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.7	0.0	1.0	-13.7
3662	638988.55	4873566.18	321.74	1	DEN	4000	42.4	8.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	13.0	0.0	1.0	-24.6
3662	638988.55	4873566.18	321.74	1	DEN	8000	39.3	8.7	0.0	0.0	0.0	56.7	22.5	-1.2	0.0	0.0	15.5	0.0	1.0	-46.4
3669	638981.98	4873563.55	321.88	1	DEN	250	35.8	-28.0	0.0	0.0	0.0	56.8	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-55.7
3669	638981.98	4873563.55	321.88	1	DEN	500	41.2	-28.0	0.0	0.0	0.0	56.8	0.4	-0.8	0.0	0.0	7.0	0.0	1.0	-51.2
3669	638981.98	4873563.55	321.88	1	DEN	1000	47.4	-28.0	0.0	0.0	0.0	56.8	0.7	-1.2	0.0	0.0	8.4	0.0	1.0	-46.4
3669	638981.98	4873563.55	321.88	1	DEN	2000	46.6	-28.0	0.0	0.0	0.0	56.8	1.9	-1.2	0.0	0.0	10.0	0.0	1.0	-49.9
3669	638981.98	4873563.55	321.88	1	DEN	4000	42.4	-28.0	0.0	0.0	0.0	56.8	6.4	-1.2	0.0	0.0	12.1	0.0	1.0	-60.7
3669	638981.98	4873563.55	321.88	1	DEN	8000	39.3	-28.0	0.0	0.0	0.0	56.8	22.8	-1.2	0.0	0.0	14.5	0.0	1.0	-82.6
3676	638981.04	4873563.20	321.77	1	DEN	250	35.8	0.2	0.0	0.0	0.0	56.8	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-27.6
3676	638981.04	4873563.20	321.77	1	DEN	500	41.2	0.2	0.0	0.0	0.0	56.8	0.4	-0.8	0.0	0.0	7.0	0.0	1.0	-23.1
3676	638981.04	4873563.20	321.77	1	DEN	1000	47.4	0.2	0.0	0.0	0.0	56.8	0.7	-1.2	0.0	0.0	8.5	0.0	1.0	-18.3
3676	638981.04	4873563.20	321.77	1	DEN	2000	46.6	0.2	0.0	0.0	0.0	56.8	1.9	-1.2	0.0	0.0	10.0	0.0	1.0	-21.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3676	638981.04	4873563.20	321.77	1	DEN	4000	42.4	0.2	0.0	0.0	0.0	56.8	6.4	-1.2	0.0	0.0	12.1	0.0	1.0	-32.6
3676	638981.04	4873563.20	321.77	1	DEN	8000	39.3	0.2	0.0	0.0	0.0	56.8	22.9	-1.2	0.0	0.0	14.6	0.0	1.0	-54.6
3684	638680.43	4873544.84	325.53	0	DEN	32	16.0	15.8	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-35.9
3684	638680.43	4873544.84	325.53	0	DEN	63	24.2	15.8	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-27.7
3684	638680.43	4873544.84	325.53	0	DEN	125	30.3	15.8	0.0	0.0	0.0	62.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-21.8
3684	638680.43	4873544.84	325.53	0	DEN	250	35.8	15.8	0.0	0.0	0.0	62.9	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-16.6
3684	638680.43	4873544.84	325.53	0	DEN	500	41.2	15.8	0.0	0.0	0.0	62.9	0.8	-1.7	0.0	0.0	6.7	0.0	0.0	-11.6
3684	638680.43	4873544.84	325.53	0	DEN	1000	47.4	15.8	0.0	0.0	0.0	62.9	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-6.3
3684	638680.43	4873544.84	325.53	0	DEN	2000	46.6	15.8	0.0	0.0	0.0	62.9	3.8	-2.1	0.0	0.0	7.6	0.0	0.0	-9.8
3684	638680.43	4873544.84	325.53	0	DEN	4000	42.4	15.8	0.0	0.0	0.0	62.9	12.9	-2.1	0.0	0.0	8.2	0.0	0.0	-23.6
3684	638680.43	4873544.84	325.53	0	DEN	8000	39.3	15.8	0.0	0.0	0.0	62.9	45.9	-2.1	0.0	0.0	9.2	0.0	0.0	-60.8
3739	638841.26	4873515.71	324.16	0	DEN	32	16.0	-25.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-74.7
3739	638841.26	4873515.71	324.16	0	DEN	63	24.2	-25.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-66.6
3739	638841.26	4873515.71	324.16	0	DEN	125	30.3	-25.6	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-60.6
3739	638841.26	4873515.71	324.16	0	DEN	250	35.8	-25.6	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-55.3
3739	638841.26	4873515.71	324.16	0	DEN	500	41.2	-25.6	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-50.2
3739	638841.26	4873515.71	324.16	0	DEN	1000	47.4	-25.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-44.7
3739	638841.26	4873515.71	324.16	0	DEN	2000	46.6	-25.6	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-47.6
3739	638841.26	4873515.71	324.16	0	DEN	4000	42.4	-25.6	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-59.1
3739	638841.26	4873515.71	324.16	0	DEN	8000	39.3	-25.6	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-87.8
3744	638834.22	4873522.45	324.36	0	DEN	32	16.0	2.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-46.7
3744	638834.22	4873522.45	324.36	0	DEN	63	24.2	2.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-38.5
3744	638834.22	4873522.45	324.36	0	DEN	125	30.3	2.5	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-32.5
3744	638834.22	4873522.45	324.36	0	DEN	250	35.8	2.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-27.2
3744	638834.22	4873522.45	324.36	0	DEN	500	41.2	2.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-22.2
3744	638834.22	4873522.45	324.36	0	DEN	1000	47.4	2.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-16.6
3744	638834.22	4873522.45	324.36	0	DEN	2000	46.6	2.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-19.5
3744	638834.22	4873522.45	324.36	0	DEN	4000	42.4	2.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-31.0
3744	638834.22	4873522.45	324.36	0	DEN	8000	39.3	2.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-59.6
3748	638802.47	4873552.90	325.23	0	DEN	32	16.0	6.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-42.6
3748	638802.47	4873552.90	325.23	0	DEN	63	24.2	6.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-34.4
3748	638802.47	4873552.90	325.23	0	DEN	125	30.3	6.5	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-28.4
3748	638802.47	4873552.90	325.23	0	DEN	250	35.8	6.5	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-23.2
3748	638802.47	4873552.90	325.23	0	DEN	500	41.2	6.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-18.1
3748	638802.47	4873552.90	325.23	0	DEN	1000	47.4	6.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-12.6
3748	638802.47	4873552.90	325.23	0	DEN	2000	46.6	6.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-15.6
3748	638802.47	4873552.90	325.23	0	DEN	4000	42.4	6.5	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-27.2
3748	638802.47	4873552.90	325.23	0	DEN	8000	39.3	6.5	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	9.2	0.0	0.0	-55.9
3752	638777.86	4873576.53	325.91	0	DEN	32	16.0	3.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-45.7
3752	638777.86	4873576.53	325.91	0	DEN	63	24.2	3.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-37.5
3752	638777.86	4873576.53	325.91	0	DEN	125	30.3	3.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-31.6
3752	638777.86	4873576.53	325.91	0	DEN	250	35.8	3.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-26.3
3752	638777.86	4873576.53	325.91	0	DEN	500	41.2	3.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-21.3
3752	638777.86	4873576.53	325.91	0	DEN	1000	47.4	3.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-15.9
3752	638777.86	4873576.53	325.91	0	DEN	2000	46.6	3.5	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-19.0
3752	638777.86	4873576.53	325.91	0	DEN	4000	42.4	3.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-30.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3752	638777.86	4873576.53	325.91	0	DEN	8000	39.3	3.5	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-60.2
3758	638728.62	4873623.75	327.27	0	DEN	32	16.0	3.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-46.2
3758	638728.62	4873623.75	327.27	0	DEN	63	24.2	3.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-38.1
3758	638728.62	4873623.75	327.27	0	DEN	125	30.3	3.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-32.1
3758	638728.62	4873623.75	327.27	0	DEN	250	35.8	3.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-26.9
3758	638728.62	4873623.75	327.27	0	DEN	500	41.2	3.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-22.0
3758	638728.62	4873623.75	327.27	0	DEN	1000	47.4	3.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-16.8
3758	638728.62	4873623.75	327.27	0	DEN	2000	46.6	3.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-20.2
3758	638728.62	4873623.75	327.27	0	DEN	4000	42.4	3.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-32.7
3758	638728.62	4873623.75	327.27	0	DEN	8000	39.3	3.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-63.8
3764	638728.64	4873623.77	327.27	0	DEN	32	16.0	0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-49.2
3764	638728.64	4873623.77	327.27	0	DEN	63	24.2	0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-41.1
3764	638728.64	4873623.77	327.27	0	DEN	125	30.3	0.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-35.1
3764	638728.64	4873623.77	327.27	0	DEN	250	35.8	0.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-29.9
3764	638728.64	4873623.77	327.27	0	DEN	500	41.2	0.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-25.0
3764	638728.64	4873623.77	327.27	0	DEN	1000	47.4	0.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-19.8
3764	638728.64	4873623.77	327.27	0	DEN	2000	46.6	0.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-23.2
3764	638728.64	4873623.77	327.27	0	DEN	4000	42.4	0.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-35.7
3764	638728.64	4873623.77	327.27	0	DEN	8000	39.3	0.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-66.8
3769	638777.88	4873576.55	325.91	0	DEN	32	16.0	0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-48.7
3769	638777.88	4873576.55	325.91	0	DEN	63	24.2	0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-40.5
3769	638777.88	4873576.55	325.91	0	DEN	125	30.3	0.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-34.6
3769	638777.88	4873576.55	325.91	0	DEN	250	35.8	0.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-29.3
3769	638777.88	4873576.55	325.91	0	DEN	500	41.2	0.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-24.3
3769	638777.88	4873576.55	325.91	0	DEN	1000	47.4	0.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-18.9
3769	638777.88	4873576.55	325.91	0	DEN	2000	46.6	0.5	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-22.0
3769	638777.88	4873576.55	325.91	0	DEN	4000	42.4	0.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-33.9
3769	638777.88	4873576.55	325.91	0	DEN	8000	39.3	0.5	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	10.0	0.0	0.0	-63.2
3776	638704.03	4873647.39	327.95	0	DEN	32	16.0	3.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-46.6
3776	638704.03	4873647.39	327.95	0	DEN	63	24.2	3.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-38.5
3776	638704.03	4873647.39	327.95	0	DEN	125	30.3	3.5	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-32.5
3776	638704.03	4873647.39	327.95	0	DEN	250	35.8	3.5	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-27.3
3776	638704.03	4873647.39	327.95	0	DEN	500	41.2	3.5	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-22.4
3776	638704.03	4873647.39	327.95	0	DEN	1000	47.4	3.5	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-17.1
3776	638704.03	4873647.39	327.95	0	DEN	2000	46.6	3.5	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-20.5
3776	638704.03	4873647.39	327.95	0	DEN	4000	42.4	3.5	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-33.4
3776	638704.03	4873647.39	327.95	0	DEN	8000	39.3	3.5	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-65.6
3783	638654.79	4873694.62	329.31	0	DEN	32	16.0	3.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-47.5
3783	638654.79	4873694.62	329.31	0	DEN	63	24.2	3.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-39.4
3783	638654.79	4873694.62	329.31	0	DEN	125	30.3	3.5	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-33.4
3783	638654.79	4873694.62	329.31	0	DEN	250	35.8	3.5	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-28.2
3783	638654.79	4873694.62	329.31	0	DEN	500	41.2	3.5	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-23.2
3783	638654.79	4873694.62	329.31	0	DEN	1000	47.4	3.5	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-17.8
3783	638654.79	4873694.62	329.31	0	DEN	2000	46.6	3.5	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-21.2
3783	638654.79	4873694.62	329.31	0	DEN	4000	42.4	3.5	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-34.5
3783	638654.79	4873694.62	329.31	0	DEN	8000	39.3	3.5	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-69.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3789	638630.19	4873718.25	329.99	0	DEN	32	16.0	0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-51.0
3789	638630.19	4873718.25	329.99	0	DEN	63	24.2	0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-42.9
3789	638630.19	4873718.25	329.99	0	DEN	125	30.3	0.5	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-36.9
3789	638630.19	4873718.25	329.99	0	DEN	250	35.8	0.5	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-31.7
3789	638630.19	4873718.25	329.99	0	DEN	500	41.2	0.5	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-26.7
3789	638630.19	4873718.25	329.99	0	DEN	1000	47.4	0.5	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-21.3
3789	638630.19	4873718.25	329.99	0	DEN	2000	46.6	0.5	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-24.7
3789	638630.19	4873718.25	329.99	0	DEN	4000	42.4	0.5	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-38.3
3789	638630.19	4873718.25	329.99	0	DEN	8000	39.3	0.5	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-74.7
3795	638580.95	4873765.48	331.35	0	DEN	32	16.0	0.5	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-52.0
3795	638580.95	4873765.48	331.35	0	DEN	63	24.2	0.5	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-43.9
3795	638580.95	4873765.48	331.35	0	DEN	125	30.3	0.5	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-37.9
3795	638580.95	4873765.48	331.35	0	DEN	250	35.8	0.5	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-32.7
3795	638580.95	4873765.48	331.35	0	DEN	500	41.2	0.5	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-27.7
3795	638580.95	4873765.48	331.35	0	DEN	1000	47.4	0.5	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-22.3
3795	638580.95	4873765.48	331.35	0	DEN	2000	46.6	0.5	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-25.9
3795	638580.95	4873765.48	331.35	0	DEN	4000	42.4	0.5	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-40.3
3795	638580.95	4873765.48	331.35	0	DEN	8000	39.3	0.5	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-80.3
3803	638841.21	4873515.72	324.17	1	DEN	500	41.2	-22.3	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-48.1
3803	638841.21	4873515.72	324.17	1	DEN	1000	47.4	-22.3	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-42.5
3803	638841.21	4873515.72	324.17	1	DEN	2000	46.6	-22.3	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-45.4
3803	638841.21	4873515.72	324.17	1	DEN	4000	42.4	-22.3	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-57.0
3803	638841.21	4873515.72	324.17	1	DEN	8000	39.3	-22.3	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-85.8
3809	638683.09	4873667.47	328.53	1	DEN	8000	39.3	-3.1	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-95.5
3819	638534.74	4873809.83	332.63	1	DEN	4000	42.4	-23.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-75.9
3819	638534.74	4873809.83	332.63	1	DEN	8000	39.3	-23.8	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-132.1
3840	638854.99	4873919.02	328.36	0	DEN	32	16.0	10.1	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.0	0.0	0.0	-36.9
3840	638854.99	4873919.02	328.36	0	DEN	63	24.2	10.1	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-28.7
3840	638854.99	4873919.02	328.36	0	DEN	125	30.3	10.1	0.0	0.0	0.0	58.2	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-22.8
3840	638854.99	4873919.02	328.36	0	DEN	250	35.8	10.1	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	0.0	-17.5
3840	638854.99	4873919.02	328.36	0	DEN	500	41.2	10.1	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.2	0.0	0.0	-12.5
3840	638854.99	4873919.02	328.36	0	DEN	1000	47.4	10.1	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	6.9	0.0	0.0	-7.0
3840	638854.99	4873919.02	328.36	0	DEN	2000	46.6	10.1	0.0	0.0	0.0	58.2	2.2	-1.5	0.0	0.0	7.4	0.0	0.0	-9.7
3840	638854.99	4873919.02	328.36	0	DEN	4000	42.4	10.1	0.0	0.0	0.0	58.2	7.5	-1.5	0.0	0.0	8.4	0.0	0.0	-20.1
3840	638854.99	4873919.02	328.36	0	DEN	8000	39.3	10.1	0.0	0.0	0.0	58.2	26.8	-1.5	0.0	0.0	9.8	0.0	0.0	-44.0
3845	638858.96	4873920.28	328.46	1	DEN	8000	39.3	7.0	0.0	0.0	0.0	59.1	29.6	-1.4	0.0	0.0	12.3	0.0	1.0	-54.4
3852	638862.85	4873921.52	328.57	1	DEN	8000	39.3	-11.1	0.0	0.0	0.0	59.0	29.2	-1.4	0.0	0.0	14.7	0.0	1.0	-74.3
3858	638529.61	4873797.75	332.24	0	DEN	32	16.0	16.8	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-36.8
3858	638529.61	4873797.75	332.24	0	DEN	63	24.2	16.8	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-28.6
3858	638529.61	4873797.75	332.24	0	DEN	125	30.3	16.8	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-22.7
3858	638529.61	4873797.75	332.24	0	DEN	250	35.8	16.8	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-17.5
3858	638529.61	4873797.75	332.24	0	DEN	500	41.2	16.8	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-12.5
3858	638529.61	4873797.75	332.24	0	DEN	1000	47.4	16.8	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-7.2
3858	638529.61	4873797.75	332.24	0	DEN	2000	46.6	16.8	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	-11.0
3858	638529.61	4873797.75	332.24	0	DEN	4000	42.4	16.8	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.3	0.0	0.0	-26.5
3858	638529.61	4873797.75	332.24	0	DEN	8000	39.3	16.8	0.0	0.0	0.0	64.7	56.8	-2.3	0.0	0.0	7.5	0.0	0.0	-70.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3865	638531.67	4873812.52	332.69	1	DEN	4000	42.4	-18.9	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-71.1
3865	638531.67	4873812.52	332.69	1	DEN	8000	39.3	-18.9	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-126.8
3871	638529.61	4873797.75	332.24	1	DEN	4000	42.4	16.8	0.0	0.0	0.0	67.2	21.1	-2.9	0.0	0.0	7.7	0.0	2.0	-35.9
3871	638529.61	4873797.75	332.24	1	DEN	8000	39.3	16.8	0.0	0.0	0.0	67.2	75.3	-2.9	0.0	0.0	7.8	0.0	2.0	-93.3
3878	638608.24	4873839.27	331.92	0	DEN	32	16.0	13.8	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-38.3
3878	638608.24	4873839.27	331.92	0	DEN	63	24.2	13.8	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-30.2
3878	638608.24	4873839.27	331.92	0	DEN	125	30.3	13.8	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-24.2
3878	638608.24	4873839.27	331.92	0	DEN	250	35.8	13.8	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-19.0
3878	638608.24	4873839.27	331.92	0	DEN	500	41.2	13.8	0.0	0.0	0.0	63.4	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-14.0
3878	638608.24	4873839.27	331.92	0	DEN	1000	47.4	13.8	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-8.5
3878	638608.24	4873839.27	331.92	0	DEN	2000	46.6	13.8	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-11.9
3878	638608.24	4873839.27	331.92	0	DEN	4000	42.4	13.8	0.0	0.0	0.0	63.4	13.6	-2.1	0.0	0.0	7.2	0.0	0.0	-25.8
3878	638608.24	4873839.27	331.92	0	DEN	8000	39.3	13.8	0.0	0.0	0.0	63.4	48.5	-2.1	0.0	0.0	7.5	0.0	0.0	-64.1
3884	638649.33	4873853.48	331.48	0	DEN	32	16.0	3.0	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-48.4
3884	638649.33	4873853.48	331.48	0	DEN	63	24.2	3.0	0.0	0.0	0.0	62.5	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-40.2
3884	638649.33	4873853.48	331.48	0	DEN	125	30.3	3.0	0.0	0.0	0.0	62.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-34.2
3884	638649.33	4873853.48	331.48	0	DEN	250	35.8	3.0	0.0	0.0	0.0	62.5	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-29.0
3884	638649.33	4873853.48	331.48	0	DEN	500	41.2	3.0	0.0	0.0	0.0	62.5	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-23.9
3884	638649.33	4873853.48	331.48	0	DEN	1000	47.4	3.0	0.0	0.0	0.0	62.5	1.4	-2.1	0.0	0.0	6.9	0.0	0.0	-18.4
3884	638649.33	4873853.48	331.48	0	DEN	2000	46.6	3.0	0.0	0.0	0.0	62.5	3.7	-2.1	0.0	0.0	7.0	0.0	0.0	-21.6
3884	638649.33	4873853.48	331.48	0	DEN	4000	42.4	3.0	0.0	0.0	0.0	62.5	12.4	-2.1	0.0	0.0	7.2	0.0	0.0	-34.7
3884	638649.33	4873853.48	331.48	0	DEN	8000	39.3	3.0	0.0	0.0	0.0	62.5	44.2	-2.1	0.0	0.0	7.6	0.0	0.0	-70.0
3890	638655.31	4873855.46	331.39	0	DEN	32	16.0	-0.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-51.9
3890	638655.31	4873855.46	331.39	0	DEN	63	24.2	-0.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-43.7
3890	638655.31	4873855.46	331.39	0	DEN	125	30.3	-0.7	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-37.7
3890	638655.31	4873855.46	331.39	0	DEN	250	35.8	-0.7	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-32.5
3890	638655.31	4873855.46	331.39	0	DEN	500	41.2	-0.7	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.5	0.0	0.0	-27.4
3890	638655.31	4873855.46	331.39	0	DEN	1000	47.4	-0.7	0.0	0.0	0.0	62.4	1.4	-2.0	0.0	0.0	6.9	0.0	0.0	-21.9
3890	638655.31	4873855.46	331.39	0	DEN	2000	46.6	-0.7	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.0	0.0	0.0	-25.1
3890	638655.31	4873855.46	331.39	0	DEN	4000	42.4	-0.7	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	7.3	0.0	0.0	-38.1
3890	638655.31	4873855.46	331.39	0	DEN	8000	39.3	-0.7	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	7.6	0.0	0.0	-72.9
3896	638535.39	4873813.99	332.67	1	DEN	4000	42.4	-12.6	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-64.5
3896	638535.39	4873813.99	332.67	1	DEN	8000	39.3	-12.6	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-120.4
3902	638841.02	4873515.63	324.16	0	DEN	32	16.0	-27.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-76.5
3902	638841.02	4873515.63	324.16	0	DEN	63	24.2	-27.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-68.4
3902	638841.02	4873515.63	324.16	0	DEN	125	30.3	-27.4	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-62.4
3902	638841.02	4873515.63	324.16	0	DEN	250	35.8	-27.4	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-57.1
3902	638841.02	4873515.63	324.16	0	DEN	500	41.2	-27.4	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-52.0
3902	638841.02	4873515.63	324.16	0	DEN	1000	47.4	-27.4	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-46.5
3902	638841.02	4873515.63	324.16	0	DEN	2000	46.6	-27.4	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-49.4
3902	638841.02	4873515.63	324.16	0	DEN	4000	42.4	-27.4	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-60.9
3902	638841.02	4873515.63	324.16	0	DEN	8000	39.3	-27.4	0.0	0.0	0.0	60.4	34.3	-1.8	0.0	0.0	8.6	0.0	0.0	-89.6
3910	638834.03	4873522.33	324.36	0	DEN	32	16.0	1.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-47.6
3910	638834.03	4873522.33	324.36	0	DEN	63	24.2	1.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-39.4
3910	638834.03	4873522.33	324.36	0	DEN	125	30.3	1.5	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-33.4
3910	638834.03	4873522.33	324.36	0	DEN	250	35.8	1.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-28.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3910	638834.03	4873522.33	324.36	0	DEN	500	41.2	1.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-23.1
3910	638834.03	4873522.33	324.36	0	DEN	1000	47.4	1.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-17.6
3910	638834.03	4873522.33	324.36	0	DEN	2000	46.6	1.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-20.4
3910	638834.03	4873522.33	324.36	0	DEN	4000	42.4	1.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-31.9
3910	638834.03	4873522.33	324.36	0	DEN	8000	39.3	1.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-60.6
3918	638802.34	4873552.75	325.23	0	DEN	32	16.0	5.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-43.5
3918	638802.34	4873552.75	325.23	0	DEN	63	24.2	5.6	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-35.3
3918	638802.34	4873552.75	325.23	0	DEN	125	30.3	5.6	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-29.3
3918	638802.34	4873552.75	325.23	0	DEN	250	35.8	5.6	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-24.1
3918	638802.34	4873552.75	325.23	0	DEN	500	41.2	5.6	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-19.0
3918	638802.34	4873552.75	325.23	0	DEN	1000	47.4	5.6	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-13.5
3918	638802.34	4873552.75	325.23	0	DEN	2000	46.6	5.6	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-16.5
3918	638802.34	4873552.75	325.23	0	DEN	4000	42.4	5.6	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	8.1	0.0	0.0	-28.1
3918	638802.34	4873552.75	325.23	0	DEN	8000	39.3	5.6	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.2	0.0	0.0	-56.8
3925	638777.75	4873576.40	325.91	0	DEN	32	16.0	2.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-46.6
3925	638777.75	4873576.40	325.91	0	DEN	63	24.2	2.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-38.4
3925	638777.75	4873576.40	325.91	0	DEN	125	30.3	2.6	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-32.5
3925	638777.75	4873576.40	325.91	0	DEN	250	35.8	2.6	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-27.2
3925	638777.75	4873576.40	325.91	0	DEN	500	41.2	2.6	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-22.2
3925	638777.75	4873576.40	325.91	0	DEN	1000	47.4	2.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-16.8
3925	638777.75	4873576.40	325.91	0	DEN	2000	46.6	2.6	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-19.9
3925	638777.75	4873576.40	325.91	0	DEN	4000	42.4	2.6	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-31.8
3925	638777.75	4873576.40	325.91	0	DEN	8000	39.3	2.6	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-61.1
3931	638728.54	4873623.65	327.27	0	DEN	32	16.0	2.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-47.1
3931	638728.54	4873623.65	327.27	0	DEN	63	24.2	2.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-39.0
3931	638728.54	4873623.65	327.27	0	DEN	125	30.3	2.6	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-33.0
3931	638728.54	4873623.65	327.27	0	DEN	250	35.8	2.6	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-27.8
3931	638728.54	4873623.65	327.27	0	DEN	500	41.2	2.6	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-22.9
3931	638728.54	4873623.65	327.27	0	DEN	1000	47.4	2.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-17.7
3931	638728.54	4873623.65	327.27	0	DEN	2000	46.6	2.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-21.1
3931	638728.54	4873623.65	327.27	0	DEN	4000	42.4	2.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-33.6
3931	638728.54	4873623.65	327.27	0	DEN	8000	39.3	2.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-64.7
3939	638728.55	4873623.66	327.27	0	DEN	32	16.0	-0.4	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-50.1
3939	638728.55	4873623.66	327.27	0	DEN	63	24.2	-0.4	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-42.0
3939	638728.55	4873623.66	327.27	0	DEN	125	30.3	-0.4	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-36.0
3939	638728.55	4873623.66	327.27	0	DEN	250	35.8	-0.4	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-30.9
3939	638728.55	4873623.66	327.27	0	DEN	500	41.2	-0.4	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-25.9
3939	638728.55	4873623.66	327.27	0	DEN	1000	47.4	-0.4	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-20.7
3939	638728.55	4873623.66	327.27	0	DEN	2000	46.6	-0.4	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-24.1
3939	638728.55	4873623.66	327.27	0	DEN	4000	42.4	-0.4	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-36.6
3939	638728.55	4873623.66	327.27	0	DEN	8000	39.3	-0.4	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-67.7
3946	638777.76	4873576.41	325.91	0	DEN	32	16.0	-0.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-49.6
3946	638777.76	4873576.41	325.91	0	DEN	63	24.2	-0.4	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-41.5
3946	638777.76	4873576.41	325.91	0	DEN	125	30.3	-0.4	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-35.5
3946	638777.76	4873576.41	325.91	0	DEN	250	35.8	-0.4	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-30.2
3946	638777.76	4873576.41	325.91	0	DEN	500	41.2	-0.4	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-25.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3946	638777.76	4873576.41	325.91	0	DEN	1000	47.4	-0.4	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-19.9
3946	638777.76	4873576.41	325.91	0	DEN	2000	46.6	-0.4	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.7	0.0	0.0	-22.9
3946	638777.76	4873576.41	325.91	0	DEN	4000	42.4	-0.4	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-34.9
3946	638777.76	4873576.41	325.91	0	DEN	8000	39.3	-0.4	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-64.1
3953	638703.95	4873647.30	327.95	0	DEN	32	16.0	2.6	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-47.5
3953	638703.95	4873647.30	327.95	0	DEN	63	24.2	2.6	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-39.4
3953	638703.95	4873647.30	327.95	0	DEN	125	30.3	2.6	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-33.4
3953	638703.95	4873647.30	327.95	0	DEN	250	35.8	2.6	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-28.2
3953	638703.95	4873647.30	327.95	0	DEN	500	41.2	2.6	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-23.3
3953	638703.95	4873647.30	327.95	0	DEN	1000	47.4	2.6	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-18.0
3953	638703.95	4873647.30	327.95	0	DEN	2000	46.6	2.6	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-21.4
3953	638703.95	4873647.30	327.95	0	DEN	4000	42.4	2.6	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-34.3
3953	638703.95	4873647.30	327.95	0	DEN	8000	39.3	2.6	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-66.5
3958	638654.74	4873694.55	329.31	0	DEN	32	16.0	2.6	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-48.4
3958	638654.74	4873694.55	329.31	0	DEN	63	24.2	2.6	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-40.3
3958	638654.74	4873694.55	329.31	0	DEN	125	30.3	2.6	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-34.3
3958	638654.74	4873694.55	329.31	0	DEN	250	35.8	2.6	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-29.1
3958	638654.74	4873694.55	329.31	0	DEN	500	41.2	2.6	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-24.1
3958	638654.74	4873694.55	329.31	0	DEN	1000	47.4	2.6	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-18.7
3958	638654.74	4873694.55	329.31	0	DEN	2000	46.6	2.6	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-22.1
3958	638654.74	4873694.55	329.31	0	DEN	4000	42.4	2.6	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-35.4
3958	638654.74	4873694.55	329.31	0	DEN	8000	39.3	2.6	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-70.2
3965	638630.14	4873718.19	329.99	0	DEN	32	16.0	-0.4	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-51.9
3965	638630.14	4873718.19	329.99	0	DEN	63	24.2	-0.4	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-43.8
3965	638630.14	4873718.19	329.99	0	DEN	125	30.3	-0.4	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-37.8
3965	638630.14	4873718.19	329.99	0	DEN	250	35.8	-0.4	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-32.6
3965	638630.14	4873718.19	329.99	0	DEN	500	41.2	-0.4	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-27.6
3965	638630.14	4873718.19	329.99	0	DEN	1000	47.4	-0.4	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-22.2
3965	638630.14	4873718.19	329.99	0	DEN	2000	46.6	-0.4	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-25.6
3965	638630.14	4873718.19	329.99	0	DEN	4000	42.4	-0.4	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-39.2
3965	638630.14	4873718.19	329.99	0	DEN	8000	39.3	-0.4	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-75.6
3972	638580.93	4873765.45	331.35	0	DEN	32	16.0	-0.4	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-52.9
3972	638580.93	4873765.45	331.35	0	DEN	63	24.2	-0.4	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-44.8
3972	638580.93	4873765.45	331.35	0	DEN	125	30.3	-0.4	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-38.8
3972	638580.93	4873765.45	331.35	0	DEN	250	35.8	-0.4	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-33.6
3972	638580.93	4873765.45	331.35	0	DEN	500	41.2	-0.4	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-28.6
3972	638580.93	4873765.45	331.35	0	DEN	1000	47.4	-0.4	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-23.2
3972	638580.93	4873765.45	331.35	0	DEN	2000	46.6	-0.4	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-26.8
3972	638580.93	4873765.45	331.35	0	DEN	4000	42.4	-0.4	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-41.2
3972	638580.93	4873765.45	331.35	0	DEN	8000	39.3	-0.4	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-81.2
3980	638840.98	4873515.63	324.16	1	DEN	500	41.2	-24.2	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-49.9
3980	638840.98	4873515.63	324.16	1	DEN	1000	47.4	-24.2	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-44.4
3980	638840.98	4873515.63	324.16	1	DEN	2000	46.6	-24.2	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-47.2
3980	638840.98	4873515.63	324.16	1	DEN	4000	42.4	-24.2	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-58.8
3980	638840.98	4873515.63	324.16	1	DEN	8000	39.3	-24.2	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-87.7
3987	638683.01	4873667.40	328.53	1	DEN	8000	39.3	-4.0	0.0	0.0	0.0	65.3	60.6	-2.0	0.0	0.0	6.8	0.0	1.0	-96.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3998	638534.74	4873809.83	332.63	1	DEN	4000	42.4	-24.7	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-76.8
3998	638534.74	4873809.83	332.63	1	DEN	8000	39.3	-24.7	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-133.0
4014	638563.93	4873825.30	332.43	0	DEN	32	16.0	15.5	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-37.5
4014	638563.93	4873825.30	332.43	0	DEN	63	24.2	15.5	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-29.3
4014	638563.93	4873825.30	332.43	0	DEN	125	30.3	15.5	0.0	0.0	0.0	64.2	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-23.3
4014	638563.93	4873825.30	332.43	0	DEN	250	35.8	15.5	0.0	0.0	0.0	64.2	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-18.1
4014	638563.93	4873825.30	332.43	0	DEN	500	41.2	15.5	0.0	0.0	0.0	64.2	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-13.1
4014	638563.93	4873825.30	332.43	0	DEN	1000	47.4	15.5	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	-7.8
4014	638563.93	4873825.30	332.43	0	DEN	2000	46.6	15.5	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.1	0.0	0.0	-11.4
4014	638563.93	4873825.30	332.43	0	DEN	4000	42.4	15.5	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.2	0.0	0.0	-26.2
4014	638563.93	4873825.30	332.43	0	DEN	8000	39.3	15.5	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	7.5	0.0	0.0	-67.9
4022	638531.83	4873812.76	332.71	1	DEN	4000	42.4	-34.4	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-86.5
4022	638531.83	4873812.76	332.71	1	DEN	8000	39.3	-34.4	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-142.2
4030	638535.41	4873814.16	332.68	1	DEN	4000	42.4	-3.3	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-55.2
4030	638535.41	4873814.16	332.68	1	DEN	8000	39.3	-3.3	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-111.1
4048	638840.63	4873515.49	324.16	0	DEN	32	16.0	-27.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-76.8
4048	638840.63	4873515.49	324.16	0	DEN	63	24.2	-27.6	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.6	0.0	0.0	-68.6
4048	638840.63	4873515.49	324.16	0	DEN	125	30.3	-27.6	0.0	0.0	0.0	60.4	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-62.6
4048	638840.63	4873515.49	324.16	0	DEN	250	35.8	-27.6	0.0	0.0	0.0	60.4	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-57.4
4048	638840.63	4873515.49	324.16	0	DEN	500	41.2	-27.6	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-52.3
4048	638840.63	4873515.49	324.16	0	DEN	1000	47.4	-27.6	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-46.8
4048	638840.63	4873515.49	324.16	0	DEN	2000	46.6	-27.6	0.0	0.0	0.0	60.4	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-49.6
4048	638840.63	4873515.49	324.16	0	DEN	4000	42.4	-27.6	0.0	0.0	0.0	60.4	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-61.2
4048	638840.63	4873515.49	324.16	0	DEN	8000	39.3	-27.6	0.0	0.0	0.0	60.4	34.4	-1.8	0.0	0.0	8.6	0.0	0.0	-89.9
4054	638833.72	4873522.12	324.35	0	DEN	32	16.0	1.4	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-47.8
4054	638833.72	4873522.12	324.35	0	DEN	63	24.2	1.4	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-39.6
4054	638833.72	4873522.12	324.35	0	DEN	125	30.3	1.4	0.0	0.0	0.0	60.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-33.6
4054	638833.72	4873522.12	324.35	0	DEN	250	35.8	1.4	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.4	0.0	0.0	-28.3
4054	638833.72	4873522.12	324.35	0	DEN	500	41.2	1.4	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	0.0	-23.3
4054	638833.72	4873522.12	324.35	0	DEN	1000	47.4	1.4	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	0.0	-17.8
4054	638833.72	4873522.12	324.35	0	DEN	2000	46.6	1.4	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	0.0	-20.6
4054	638833.72	4873522.12	324.35	0	DEN	4000	42.4	1.4	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.7	0.0	0.0	-32.1
4054	638833.72	4873522.12	324.35	0	DEN	8000	39.3	1.4	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	8.7	0.0	0.0	-60.8
4060	638802.13	4873552.50	325.23	0	DEN	32	16.0	5.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-43.6
4060	638802.13	4873552.50	325.23	0	DEN	63	24.2	5.5	0.0	0.0	0.0	60.3	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-35.4
4060	638802.13	4873552.50	325.23	0	DEN	125	30.3	5.5	0.0	0.0	0.0	60.3	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-29.5
4060	638802.13	4873552.50	325.23	0	DEN	250	35.8	5.5	0.0	0.0	0.0	60.3	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-24.2
4060	638802.13	4873552.50	325.23	0	DEN	500	41.2	5.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.4	0.0	0.0	-19.2
4060	638802.13	4873552.50	325.23	0	DEN	1000	47.4	5.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.0	0.0	0.0	-13.7
4060	638802.13	4873552.50	325.23	0	DEN	2000	46.6	5.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.4	0.0	0.0	-16.6
4060	638802.13	4873552.50	325.23	0	DEN	4000	42.4	5.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	8.1	0.0	0.0	-28.2
4060	638802.13	4873552.50	325.23	0	DEN	8000	39.3	5.5	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	9.2	0.0	0.0	-57.0
4067	638777.56	4873576.17	325.91	0	DEN	32	16.0	2.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-46.7
4067	638777.56	4873576.17	325.91	0	DEN	63	24.2	2.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-38.6
4067	638777.56	4873576.17	325.91	0	DEN	125	30.3	2.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-32.6
4067	638777.56	4873576.17	325.91	0	DEN	250	35.8	2.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-27.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4067	638777.56	4873576.17	325.91	0	DEN	500	41.2	2.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-22.4
4067	638777.56	4873576.17	325.91	0	DEN	1000	47.4	2.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-17.0
4067	638777.56	4873576.17	325.91	0	DEN	2000	46.6	2.5	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-20.1
4067	638777.56	4873576.17	325.91	0	DEN	4000	42.4	2.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-32.0
4067	638777.56	4873576.17	325.91	0	DEN	8000	39.3	2.5	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-61.3
4074	638728.38	4873623.47	327.27	0	DEN	32	16.0	2.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-47.3
4074	638728.38	4873623.47	327.27	0	DEN	63	24.2	2.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-39.1
4074	638728.38	4873623.47	327.27	0	DEN	125	30.3	2.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-33.2
4074	638728.38	4873623.47	327.27	0	DEN	250	35.8	2.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-28.0
4074	638728.38	4873623.47	327.27	0	DEN	500	41.2	2.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-23.1
4074	638728.38	4873623.47	327.27	0	DEN	1000	47.4	2.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-17.8
4074	638728.38	4873623.47	327.27	0	DEN	2000	46.6	2.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-21.2
4074	638728.38	4873623.47	327.27	0	DEN	4000	42.4	2.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-33.8
4074	638728.38	4873623.47	327.27	0	DEN	8000	39.3	2.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-64.9
4082	638728.40	4873623.48	327.27	0	DEN	32	16.0	-0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-50.3
4082	638728.40	4873623.48	327.27	0	DEN	63	24.2	-0.5	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-42.1
4082	638728.40	4873623.48	327.27	0	DEN	125	30.3	-0.5	0.0	0.0	0.0	60.9	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-36.2
4082	638728.40	4873623.48	327.27	0	DEN	250	35.8	-0.5	0.0	0.0	0.0	60.9	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-31.0
4082	638728.40	4873623.48	327.27	0	DEN	500	41.2	-0.5	0.0	0.0	0.0	60.9	0.6	-1.5	0.0	0.0	6.7	0.0	0.0	-26.1
4082	638728.40	4873623.48	327.27	0	DEN	1000	47.4	-0.5	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-20.8
4082	638728.40	4873623.48	327.27	0	DEN	2000	46.6	-0.5	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.2	0.0	0.0	-24.2
4082	638728.40	4873623.48	327.27	0	DEN	4000	42.4	-0.5	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.3	0.0	0.0	-36.8
4082	638728.40	4873623.48	327.27	0	DEN	8000	39.3	-0.5	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.0	0.0	0.0	-67.9
4088	638777.57	4873576.18	325.91	0	DEN	32	16.0	-0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-49.7
4088	638777.57	4873576.18	325.91	0	DEN	63	24.2	-0.5	0.0	0.0	0.0	60.4	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-41.6
4088	638777.57	4873576.18	325.91	0	DEN	125	30.3	-0.5	0.0	0.0	0.0	60.4	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-35.6
4088	638777.57	4873576.18	325.91	0	DEN	250	35.8	-0.5	0.0	0.0	0.0	60.4	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-30.4
4088	638777.57	4873576.18	325.91	0	DEN	500	41.2	-0.5	0.0	0.0	0.0	60.4	0.6	-1.5	0.0	0.0	6.5	0.0	0.0	-25.4
4088	638777.57	4873576.18	325.91	0	DEN	1000	47.4	-0.5	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	7.2	0.0	0.0	-20.0
4088	638777.57	4873576.18	325.91	0	DEN	2000	46.6	-0.5	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.7	0.0	0.0	-23.1
4088	638777.57	4873576.18	325.91	0	DEN	4000	42.4	-0.5	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	8.6	0.0	0.0	-35.0
4088	638777.57	4873576.18	325.91	0	DEN	8000	39.3	-0.5	0.0	0.0	0.0	60.4	34.5	-1.8	0.0	0.0	10.0	0.0	0.0	-64.3
4094	638703.81	4873647.14	327.95	0	DEN	32	16.0	2.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-47.6
4094	638703.81	4873647.14	327.95	0	DEN	63	24.2	2.5	0.0	0.0	0.0	61.3	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-39.5
4094	638703.81	4873647.14	327.95	0	DEN	125	30.3	2.5	0.0	0.0	0.0	61.3	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-33.5
4094	638703.81	4873647.14	327.95	0	DEN	250	35.8	2.5	0.0	0.0	0.0	61.3	0.3	1.3	0.0	0.0	3.7	0.0	0.0	-28.3
4094	638703.81	4873647.14	327.95	0	DEN	500	41.2	2.5	0.0	0.0	0.0	61.3	0.6	-1.6	0.0	0.0	6.7	0.0	0.0	-23.4
4094	638703.81	4873647.14	327.95	0	DEN	1000	47.4	2.5	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-18.2
4094	638703.81	4873647.14	327.95	0	DEN	2000	46.6	2.5	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	8.1	0.0	0.0	-21.6
4094	638703.81	4873647.14	327.95	0	DEN	4000	42.4	2.5	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	9.2	0.0	0.0	-34.4
4094	638703.81	4873647.14	327.95	0	DEN	8000	39.3	2.5	0.0	0.0	0.0	61.3	38.3	-1.9	0.0	0.0	10.7	0.0	0.0	-66.6
4101	638654.64	4873694.44	329.31	0	DEN	32	16.0	2.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-48.5
4101	638654.64	4873694.44	329.31	0	DEN	63	24.2	2.5	0.0	0.0	0.0	62.2	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-40.4
4101	638654.64	4873694.44	329.31	0	DEN	125	30.3	2.5	0.0	0.0	0.0	62.2	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-34.4
4101	638654.64	4873694.44	329.31	0	DEN	250	35.8	2.5	0.0	0.0	0.0	62.2	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-29.2
4101	638654.64	4873694.44	329.31	0	DEN	500	41.2	2.5	0.0	0.0	0.0	62.2	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-24.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4101	638654.64	4873694.44	329.31	0	DEN	1000	47.4	2.5	0.0	0.0	0.0	62.2	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-18.9
4101	638654.64	4873694.44	329.31	0	DEN	2000	46.6	2.5	0.0	0.0	0.0	62.2	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-22.3
4101	638654.64	4873694.44	329.31	0	DEN	4000	42.4	2.5	0.0	0.0	0.0	62.2	11.9	-2.1	0.0	0.0	8.3	0.0	0.0	-35.5
4101	638654.64	4873694.44	329.31	0	DEN	8000	39.3	2.5	0.0	0.0	0.0	62.2	42.5	-2.1	0.0	0.0	9.5	0.0	0.0	-70.4
4108	638630.06	4873718.10	329.99	0	DEN	32	16.0	-0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-52.0
4108	638630.06	4873718.10	329.99	0	DEN	63	24.2	-0.5	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-43.9
4108	638630.06	4873718.10	329.99	0	DEN	125	30.3	-0.5	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-37.9
4108	638630.06	4873718.10	329.99	0	DEN	250	35.8	-0.5	0.0	0.0	0.0	62.7	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-32.7
4108	638630.06	4873718.10	329.99	0	DEN	500	41.2	-0.5	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-27.7
4108	638630.06	4873718.10	329.99	0	DEN	1000	47.4	-0.5	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-22.3
4108	638630.06	4873718.10	329.99	0	DEN	2000	46.6	-0.5	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.5	0.0	0.0	-25.7
4108	638630.06	4873718.10	329.99	0	DEN	4000	42.4	-0.5	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.0	0.0	0.0	-39.4
4108	638630.06	4873718.10	329.99	0	DEN	8000	39.3	-0.5	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	8.9	0.0	0.0	-75.7
4114	638580.89	4873765.41	331.35	0	DEN	32	16.0	-0.5	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-53.1
4114	638580.89	4873765.41	331.35	0	DEN	63	24.2	-0.5	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-44.9
4114	638580.89	4873765.41	331.35	0	DEN	125	30.3	-0.5	0.0	0.0	0.0	63.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-38.9
4114	638580.89	4873765.41	331.35	0	DEN	250	35.8	-0.5	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-33.7
4114	638580.89	4873765.41	331.35	0	DEN	500	41.2	-0.5	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-28.7
4114	638580.89	4873765.41	331.35	0	DEN	1000	47.4	-0.5	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.1	0.0	0.0	-23.4
4114	638580.89	4873765.41	331.35	0	DEN	2000	46.6	-0.5	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.2	0.0	0.0	-26.9
4114	638580.89	4873765.41	331.35	0	DEN	4000	42.4	-0.5	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.5	0.0	0.0	-41.3
4114	638580.89	4873765.41	331.35	0	DEN	8000	39.3	-0.5	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.9	0.0	0.0	-81.3
4121	638840.59	4873515.50	324.16	1	DEN	500	41.2	-24.4	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-50.2
4121	638840.59	4873515.50	324.16	1	DEN	1000	47.4	-24.4	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-44.6
4121	638840.59	4873515.50	324.16	1	DEN	2000	46.6	-24.4	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-47.5
4121	638840.59	4873515.50	324.16	1	DEN	4000	42.4	-24.4	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-59.1
4121	638840.59	4873515.50	324.16	1	DEN	8000	39.3	-24.4	0.0	0.0	0.0	60.4	34.7	-1.8	0.0	0.0	8.6	0.0	1.0	-88.0
4127	638682.87	4873667.28	328.53	1	DEN	8000	39.3	-4.1	0.0	0.0	0.0	65.3	60.7	-2.0	0.0	0.0	6.8	0.0	1.0	-96.6
4138	638534.73	4873809.82	332.63	1	DEN	4000	42.4	-24.8	0.0	0.0	0.0	67.0	20.7	-3.0	0.0	0.0	7.8	0.0	2.0	-76.9
4138	638534.73	4873809.82	332.63	1	DEN	8000	39.3	-24.8	0.0	0.0	0.0	67.0	73.8	-3.0	0.0	0.0	7.8	0.0	2.0	-133.2
4146	638680.36	4873542.00	325.45	0	DEN	32	16.0	14.4	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-37.3
4146	638680.36	4873542.00	325.45	0	DEN	63	24.2	14.4	0.0	0.0	0.0	62.9	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-29.2
4146	638680.36	4873542.00	325.45	0	DEN	125	30.3	14.4	0.0	0.0	0.0	62.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-23.2
4146	638680.36	4873542.00	325.45	0	DEN	250	35.8	14.4	0.0	0.0	0.0	62.9	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-18.0
4146	638680.36	4873542.00	325.45	0	DEN	500	41.2	14.4	0.0	0.0	0.0	62.9	0.8	-1.7	0.0	0.0	6.7	0.0	0.0	-13.0
4146	638680.36	4873542.00	325.45	0	DEN	1000	47.4	14.4	0.0	0.0	0.0	62.9	1.4	-2.1	0.0	0.0	7.2	0.0	0.0	-7.7
4146	638680.36	4873542.00	325.45	0	DEN	2000	46.6	14.4	0.0	0.0	0.0	62.9	3.8	-2.1	0.0	0.0	7.6	0.0	0.0	-11.2
4146	638680.36	4873542.00	325.45	0	DEN	4000	42.4	14.4	0.0	0.0	0.0	62.9	12.9	-2.1	0.0	0.0	8.1	0.0	0.0	-25.1
4146	638680.36	4873542.00	325.45	0	DEN	8000	39.3	14.4	0.0	0.0	0.0	62.9	46.1	-2.1	0.0	0.0	9.1	0.0	0.0	-62.4
4204	638596.19	4873670.44	329.22	0	DEN	32	16.0	13.8	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-38.6
4204	638596.19	4873670.44	329.22	0	DEN	63	24.2	13.8	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-30.4
4204	638596.19	4873670.44	329.22	0	DEN	125	30.3	13.8	0.0	0.0	0.0	63.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-24.5
4204	638596.19	4873670.44	329.22	0	DEN	250	35.8	13.8	0.0	0.0	0.0	63.6	0.4	1.0	0.0	0.0	3.8	0.0	0.0	-19.3
4204	638596.19	4873670.44	329.22	0	DEN	500	41.2	13.8	0.0	0.0	0.0	63.6	0.8	-1.8	0.0	0.0	6.7	0.0	0.0	-14.3
4204	638596.19	4873670.44	329.22	0	DEN	1000	47.4	13.8	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	-9.0
4204	638596.19	4873670.44	329.22	0	DEN	2000	46.6	13.8	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.5	0.0	0.0	-12.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4204	638596.19	4873670.44	329.22	0	DEN	4000	42.4	13.8	0.0	0.0	0.0	63.6	13.9	-2.2	0.0	0.0	8.0	0.0	0.0	-27.1
4204	638596.19	4873670.44	329.22	0	DEN	8000	39.3	13.8	0.0	0.0	0.0	63.6	49.8	-2.2	0.0	0.0	8.8	0.0	0.0	-66.9
4211	638557.76	4873823.34	331.73	0	DEN	32	16.0	14.7	0.0	0.0	0.0	64.3	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-38.4
4211	638557.76	4873823.34	331.73	0	DEN	63	24.2	14.7	0.0	0.0	0.0	64.3	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-30.2
4211	638557.76	4873823.34	331.73	0	DEN	125	30.3	14.7	0.0	0.0	0.0	64.3	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-24.3
4211	638557.76	4873823.34	331.73	0	DEN	250	35.8	14.7	0.0	0.0	0.0	64.3	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-19.1
4211	638557.76	4873823.34	331.73	0	DEN	500	41.2	14.7	0.0	0.0	0.0	64.3	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-14.1
4211	638557.76	4873823.34	331.73	0	DEN	1000	47.4	14.7	0.0	0.0	0.0	64.3	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	-8.7
4211	638557.76	4873823.34	331.73	0	DEN	2000	46.6	14.7	0.0	0.0	0.0	64.3	4.5	-2.2	0.0	0.0	7.1	0.0	0.0	-12.4
4211	638557.76	4873823.34	331.73	0	DEN	4000	42.4	14.7	0.0	0.0	0.0	64.3	15.1	-2.2	0.0	0.0	7.3	0.0	0.0	-27.4
4211	638557.76	4873823.34	331.73	0	DEN	8000	39.3	14.7	0.0	0.0	0.0	64.3	53.9	-2.2	0.0	0.0	7.6	0.0	0.0	-69.6
4219	638531.83	4873812.76	332.70	1	DEN	4000	42.4	-33.1	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-85.2
4219	638531.83	4873812.76	332.70	1	DEN	8000	39.3	-33.1	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-140.9
4225	638535.42	4873814.23	332.56	1	DEN	4000	42.4	-2.2	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-54.1
4225	638535.42	4873814.23	332.56	1	DEN	8000	39.3	-2.2	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-110.0
4232	638527.79	4873793.16	331.96	0	DEN	32	16.0	15.3	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-38.3
4232	638527.79	4873793.16	331.96	0	DEN	63	24.2	15.3	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-30.1
4232	638527.79	4873793.16	331.96	0	DEN	125	30.3	15.3	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-24.2
4232	638527.79	4873793.16	331.96	0	DEN	250	35.8	15.3	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-19.0
4232	638527.79	4873793.16	331.96	0	DEN	500	41.2	15.3	0.0	0.0	0.0	64.8	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-14.0
4232	638527.79	4873793.16	331.96	0	DEN	1000	47.4	15.3	0.0	0.0	0.0	64.8	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-8.7
4232	638527.79	4873793.16	331.96	0	DEN	2000	46.6	15.3	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	-12.5
4232	638527.79	4873793.16	331.96	0	DEN	4000	42.4	15.3	0.0	0.0	0.0	64.8	16.0	-2.3	0.0	0.0	7.3	0.0	0.0	-28.1
4232	638527.79	4873793.16	331.96	0	DEN	8000	39.3	15.3	0.0	0.0	0.0	64.8	57.0	-2.3	0.0	0.0	7.6	0.0	0.0	-72.5
4239	638527.79	4873793.16	331.96	1	DEN	4000	42.4	15.3	0.0	0.0	0.0	67.2	21.3	-2.9	0.0	0.0	7.7	0.0	2.0	-37.6
4239	638527.79	4873793.16	331.96	1	DEN	8000	39.3	15.3	0.0	0.0	0.0	67.2	75.9	-2.9	0.0	0.0	7.8	0.0	2.0	-95.4
4245	638849.75	4873917.35	327.85	0	DEN	32	16.0	8.5	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-38.6
4245	638849.75	4873917.35	327.85	0	DEN	63	24.2	8.5	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-30.4
4245	638849.75	4873917.35	327.85	0	DEN	125	30.3	8.5	0.0	0.0	0.0	58.3	0.1	1.3	0.0	0.0	3.6	0.0	0.0	-24.4
4245	638849.75	4873917.35	327.85	0	DEN	250	35.8	8.5	0.0	0.0	0.0	58.3	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-19.2
4245	638849.75	4873917.35	327.85	0	DEN	500	41.2	8.5	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	6.3	0.0	0.0	-14.2
4245	638849.75	4873917.35	327.85	0	DEN	1000	47.4	8.5	0.0	0.0	0.0	58.3	0.8	-1.5	0.0	0.0	7.0	0.0	0.0	-8.8
4245	638849.75	4873917.35	327.85	0	DEN	2000	46.6	8.5	0.0	0.0	0.0	58.3	2.2	-1.5	0.0	0.0	7.7	0.0	0.0	-11.6
4245	638849.75	4873917.35	327.85	0	DEN	4000	42.4	8.5	0.0	0.0	0.0	58.3	7.6	-1.5	0.0	0.0	8.8	0.0	0.0	-22.3
4245	638849.75	4873917.35	327.85	0	DEN	8000	39.3	8.5	0.0	0.0	0.0	58.3	27.1	-1.5	0.0	0.0	10.3	0.0	0.0	-46.5
4251	638857.35	4873919.77	328.03	1	DEN	8000	39.3	1.5	0.0	0.0	0.0	59.1	29.8	-1.4	0.0	0.0	13.5	0.0	1.0	-61.3
4258	638680.88	4873614.75	327.10	0	DEN	32	16.0	12.3	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.0	0.0	0.0	-38.7
4258	638680.88	4873614.75	327.10	0	DEN	63	24.2	12.3	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-30.5
4258	638680.88	4873614.75	327.10	0	DEN	125	30.3	12.3	0.0	0.0	0.0	62.1	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-24.6
4258	638680.88	4873614.75	327.10	0	DEN	250	35.8	12.3	0.0	0.0	0.0	62.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-19.4
4258	638680.88	4873614.75	327.10	0	DEN	500	41.2	12.3	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.8	0.0	0.0	-14.5
4258	638680.88	4873614.75	327.10	0	DEN	1000	47.4	12.3	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.5	0.0	0.0	-9.2
4258	638680.88	4873614.75	327.10	0	DEN	2000	46.6	12.3	0.0	0.0	0.0	62.1	3.5	-2.0	0.0	0.0	8.0	0.0	0.0	-12.7
4258	638680.88	4873614.75	327.10	0	DEN	4000	42.4	12.3	0.0	0.0	0.0	62.1	11.8	-2.0	0.0	0.0	9.0	0.0	0.0	-26.2
4258	638680.88	4873614.75	327.10	0	DEN	8000	39.3	12.3	0.0	0.0	0.0	62.1	42.1	-2.0	0.0	0.0	10.5	0.0	0.0	-61.1
4265	638568.44	4873826.74	332.68	0	DEN	32	16.0	13.9	0.0	0.0	0.0	64.1	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-39.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4265	638568.44	4873826.74	332.68	0	DEN	63	24.2	13.9	0.0	0.0	0.0	64.1	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-30.9
4265	638568.44	4873826.74	332.68	0	DEN	125	30.3	13.9	0.0	0.0	0.0	64.1	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-24.9
4265	638568.44	4873826.74	332.68	0	DEN	250	35.8	13.9	0.0	0.0	0.0	64.1	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-19.7
4265	638568.44	4873826.74	332.68	0	DEN	500	41.2	13.9	0.0	0.0	0.0	64.1	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-14.7
4265	638568.44	4873826.74	332.68	0	DEN	1000	47.4	13.9	0.0	0.0	0.0	64.1	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	-9.3
4265	638568.44	4873826.74	332.68	0	DEN	2000	46.6	13.9	0.0	0.0	0.0	64.1	4.4	-2.2	0.0	0.0	7.1	0.0	0.0	-12.9
4265	638568.44	4873826.74	332.68	0	DEN	4000	42.4	13.9	0.0	0.0	0.0	64.1	14.8	-2.2	0.0	0.0	7.2	0.0	0.0	-27.6
4265	638568.44	4873826.74	332.68	0	DEN	8000	39.3	13.9	0.0	0.0	0.0	64.1	52.8	-2.2	0.0	0.0	7.4	0.0	0.0	-68.9
4270	638531.83	4873812.76	332.71	1	DEN	4000	42.4	-37.2	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-89.3
4270	638531.83	4873812.76	332.71	1	DEN	8000	39.3	-37.2	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-145.0
4276	638535.41	4873814.12	332.71	1	DEN	4000	42.4	-6.1	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-58.0
4276	638535.41	4873814.12	332.71	1	DEN	8000	39.3	-6.1	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-113.9
4346	638604.92	4873838.33	331.97	0	DEN	32	16.0	12.4	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-39.8
4346	638604.92	4873838.33	331.97	0	DEN	63	24.2	12.4	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-31.7
4346	638604.92	4873838.33	331.97	0	DEN	125	30.3	12.4	0.0	0.0	0.0	63.4	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-25.7
4346	638604.92	4873838.33	331.97	0	DEN	250	35.8	12.4	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-20.5
4346	638604.92	4873838.33	331.97	0	DEN	500	41.2	12.4	0.0	0.0	0.0	63.4	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-15.4
4346	638604.92	4873838.33	331.97	0	DEN	1000	47.4	12.4	0.0	0.0	0.0	63.4	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-10.0
4346	638604.92	4873838.33	331.97	0	DEN	2000	46.6	12.4	0.0	0.0	0.0	63.4	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-13.4
4346	638604.92	4873838.33	331.97	0	DEN	4000	42.4	12.4	0.0	0.0	0.0	63.4	13.7	-2.1	0.0	0.0	7.2	0.0	0.0	-27.4
4346	638604.92	4873838.33	331.97	0	DEN	8000	39.3	12.4	0.0	0.0	0.0	63.4	48.8	-2.1	0.0	0.0	7.5	0.0	0.0	-65.9
4352	638535.39	4873814.00	332.67	1	DEN	4000	42.4	-13.6	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-65.5
4352	638535.39	4873814.00	332.67	1	DEN	8000	39.3	-13.6	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-121.4
4357	638683.62	4873623.59	327.26	0	DEN	32	16.0	11.1	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-39.8
4357	638683.62	4873623.59	327.26	0	DEN	63	24.2	11.1	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-31.6
4357	638683.62	4873623.59	327.26	0	DEN	125	30.3	11.1	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.9	0.0	0.0	-25.7
4357	638683.62	4873623.59	327.26	0	DEN	250	35.8	11.1	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-20.5
4357	638683.62	4873623.59	327.26	0	DEN	500	41.2	11.1	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.8	0.0	0.0	-15.6
4357	638683.62	4873623.59	327.26	0	DEN	1000	47.4	11.1	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.5	0.0	0.0	-10.3
4357	638683.62	4873623.59	327.26	0	DEN	2000	46.6	11.1	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	8.1	0.0	0.0	-13.9
4357	638683.62	4873623.59	327.26	0	DEN	4000	42.4	11.1	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	9.1	0.0	0.0	-27.3
4357	638683.62	4873623.59	327.26	0	DEN	8000	39.3	11.1	0.0	0.0	0.0	62.0	41.5	-2.0	0.0	0.0	10.6	0.0	0.0	-61.7
4363	638550.92	4873821.16	331.47	0	DEN	32	16.0	13.4	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-39.8
4363	638550.92	4873821.16	331.47	0	DEN	63	24.2	13.4	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-31.7
4363	638550.92	4873821.16	331.47	0	DEN	125	30.3	13.4	0.0	0.0	0.0	64.4	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-25.7
4363	638550.92	4873821.16	331.47	0	DEN	250	35.8	13.4	0.0	0.0	0.0	64.4	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-20.5
4363	638550.92	4873821.16	331.47	0	DEN	500	41.2	13.4	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-15.6
4363	638550.92	4873821.16	331.47	0	DEN	1000	47.4	13.4	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	-10.2
4363	638550.92	4873821.16	331.47	0	DEN	2000	46.6	13.4	0.0	0.0	0.0	64.4	4.5	-2.2	0.0	0.0	7.2	0.0	0.0	-13.9
4363	638550.92	4873821.16	331.47	0	DEN	4000	42.4	13.4	0.0	0.0	0.0	64.4	15.3	-2.2	0.0	0.0	7.3	0.0	0.0	-29.1
4363	638550.92	4873821.16	331.47	0	DEN	8000	39.3	13.4	0.0	0.0	0.0	64.4	54.7	-2.2	0.0	0.0	7.6	0.0	0.0	-71.8
4368	638531.84	4873812.77	332.70	1	DEN	4000	42.4	-31.4	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-83.5
4368	638531.84	4873812.77	332.70	1	DEN	8000	39.3	-31.4	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-139.2
4373	638535.45	4873814.37	332.46	1	DEN	4000	42.4	-0.7	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-52.7
4373	638535.45	4873814.37	332.46	1	DEN	8000	39.3	-0.7	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-108.5
4377	638678.06	4873605.71	326.94	0	DEN	32	16.0	11.3	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-39.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4377	638678.06	4873605.71	326.94	0	DEN	63	24.2	11.3	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-31.7
4377	638678.06	4873605.71	326.94	0	DEN	125	30.3	11.3	0.0	0.0	0.0	62.3	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-25.7
4377	638678.06	4873605.71	326.94	0	DEN	250	35.8	11.3	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-20.5
4377	638678.06	4873605.71	326.94	0	DEN	500	41.2	11.3	0.0	0.0	0.0	62.3	0.7	-1.6	0.0	0.0	6.7	0.0	0.0	-15.6
4377	638678.06	4873605.71	326.94	0	DEN	1000	47.4	11.3	0.0	0.0	0.0	62.3	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	-10.3
4377	638678.06	4873605.71	326.94	0	DEN	2000	46.6	11.3	0.0	0.0	0.0	62.3	3.5	-2.0	0.0	0.0	8.0	0.0	0.0	-13.9
4377	638678.06	4873605.71	326.94	0	DEN	4000	42.4	11.3	0.0	0.0	0.0	62.3	12.0	-2.0	0.0	0.0	8.9	0.0	0.0	-27.5
4377	638678.06	4873605.71	326.94	0	DEN	8000	39.3	11.3	0.0	0.0	0.0	62.3	42.9	-2.0	0.0	0.0	10.3	0.0	0.0	-62.8
4383	638543.65	4873818.85	331.51	0	DEN	32	16.0	13.3	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-40.0
4383	638543.65	4873818.85	331.51	0	DEN	63	24.2	13.3	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-31.8
4383	638543.65	4873818.85	331.51	0	DEN	125	30.3	13.3	0.0	0.0	0.0	64.5	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-25.9
4383	638543.65	4873818.85	331.51	0	DEN	250	35.8	13.3	0.0	0.0	0.0	64.5	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-20.7
4383	638543.65	4873818.85	331.51	0	DEN	500	41.2	13.3	0.0	0.0	0.0	64.5	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-15.7
4383	638543.65	4873818.85	331.51	0	DEN	1000	47.4	13.3	0.0	0.0	0.0	64.5	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	-10.4
4383	638543.65	4873818.85	331.51	0	DEN	2000	46.6	13.3	0.0	0.0	0.0	64.5	4.6	-2.2	0.0	0.0	7.2	0.0	0.0	-14.1
4383	638543.65	4873818.85	331.51	0	DEN	4000	42.4	13.3	0.0	0.0	0.0	64.5	15.6	-2.2	0.0	0.0	7.3	0.0	0.0	-29.4
4383	638543.65	4873818.85	331.51	0	DEN	8000	39.3	13.3	0.0	0.0	0.0	64.5	55.5	-2.2	0.0	0.0	7.6	0.0	0.0	-72.7
4388	638531.85	4873812.78	332.70	1	DEN	4000	42.4	-26.2	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-78.3
4388	638531.85	4873812.78	332.70	1	DEN	8000	39.3	-26.2	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.6	0.0	2.0	-134.0
4392	638535.50	4873814.74	332.29	1	DEN	4000	42.4	3.8	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-48.1
4392	638535.50	4873814.74	332.29	1	DEN	8000	39.3	3.8	0.0	0.0	0.0	66.9	73.2	-3.0	0.0	0.0	7.9	0.0	2.0	-103.9
4397	638564.32	4873692.44	330.09	0	DEN	32	16.0	12.4	0.0	0.0	0.0	64.1	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-40.6
4397	638564.32	4873692.44	330.09	0	DEN	63	24.2	12.4	0.0	0.0	0.0	64.1	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-32.4
4397	638564.32	4873692.44	330.09	0	DEN	125	30.3	12.4	0.0	0.0	0.0	64.1	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-26.5
4397	638564.32	4873692.44	330.09	0	DEN	250	35.8	12.4	0.0	0.0	0.0	64.1	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-21.3
4397	638564.32	4873692.44	330.09	0	DEN	500	41.2	12.4	0.0	0.0	0.0	64.1	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-16.3
4397	638564.32	4873692.44	330.09	0	DEN	1000	47.4	12.4	0.0	0.0	0.0	64.1	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-11.0
4397	638564.32	4873692.44	330.09	0	DEN	2000	46.6	12.4	0.0	0.0	0.0	64.1	4.4	-2.2	0.0	0.0	7.4	0.0	0.0	-14.7
4397	638564.32	4873692.44	330.09	0	DEN	4000	42.4	12.4	0.0	0.0	0.0	64.1	14.9	-2.2	0.0	0.0	7.7	0.0	0.0	-29.7
4397	638564.32	4873692.44	330.09	0	DEN	8000	39.3	12.4	0.0	0.0	0.0	64.1	53.0	-2.2	0.0	0.0	8.3	0.0	0.0	-71.6
4401	638970.62	4873560.05	322.27	0	DEN	32	16.0	4.5	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-41.3
4401	638970.62	4873560.05	322.27	0	DEN	63	24.2	4.5	0.0	0.0	0.0	56.9	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-33.1
4401	638970.62	4873560.05	322.27	0	DEN	125	30.3	4.5	0.0	0.0	0.0	56.9	0.1	1.5	0.0	0.0	3.6	0.0	0.0	-27.2
4401	638970.62	4873560.05	322.27	0	DEN	250	35.8	4.5	0.0	0.0	0.0	56.9	0.2	2.0	0.0	0.0	3.3	0.0	0.0	-22.1
4401	638970.62	4873560.05	322.27	0	DEN	500	41.2	4.5	0.0	0.0	0.0	56.9	0.4	-0.9	0.0	0.0	6.6	0.0	0.0	-17.3
4401	638970.62	4873560.05	322.27	0	DEN	1000	47.4	4.5	0.0	0.0	0.0	56.9	0.7	-1.3	0.0	0.0	7.8	0.0	0.0	-12.3
4401	638970.62	4873560.05	322.27	0	DEN	2000	46.6	4.5	0.0	0.0	0.0	56.9	1.9	-1.3	0.0	0.0	9.1	0.0	0.0	-15.5
4401	638970.62	4873560.05	322.27	0	DEN	4000	42.4	4.5	0.0	0.0	0.0	56.9	6.5	-1.3	0.0	0.0	10.8	0.0	0.0	-26.0
4401	638970.62	4873560.05	322.27	0	DEN	8000	39.3	4.5	0.0	0.0	0.0	56.9	23.1	-1.3	0.0	0.0	13.0	0.0	0.0	-48.0
4406	639001.46	4873571.37	321.47	1	DEN	250	35.8	-32.8	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.9	0.0	1.0	-61.8
4406	639001.46	4873571.37	321.47	1	DEN	500	41.2	-32.8	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.5	0.0	1.0	-58.1
4406	639001.46	4873571.37	321.47	1	DEN	1000	47.4	-32.8	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.9	0.0	1.0	-54.3
4406	639001.46	4873571.37	321.47	1	DEN	2000	46.6	-32.8	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.3	0.0	1.0	-58.7
4406	639001.46	4873571.37	321.47	1	DEN	4000	42.4	-32.8	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	17.0	0.0	1.0	-69.9
4406	639001.46	4873571.37	321.47	1	DEN	8000	39.3	-32.8	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.8	0.0	1.0	-91.6
4410	639001.02	4873571.21	321.49	1	DEN	250	35.8	-30.4	0.0	0.0	0.0	56.5	0.2	2.3	0.0	0.0	4.8	0.0	1.0	-59.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4410	639001.02	4873571.21	321.49	1	DEN	500	41.2	-30.4	0.0	0.0	0.0	56.5	0.4	-0.7	0.0	0.0	9.3	0.0	1.0	-55.6
4410	639001.02	4873571.21	321.49	1	DEN	1000	47.4	-30.4	0.0	0.0	0.0	56.5	0.7	-1.1	0.0	0.0	11.7	0.0	1.0	-51.7
4410	639001.02	4873571.21	321.49	1	DEN	2000	46.6	-30.4	0.0	0.0	0.0	56.5	1.8	-1.1	0.0	0.0	14.1	0.0	1.0	-56.0
4410	639001.02	4873571.21	321.49	1	DEN	4000	42.4	-30.4	0.0	0.0	0.0	56.5	6.1	-1.1	0.0	0.0	16.8	0.0	1.0	-67.2
4410	639001.02	4873571.21	321.49	1	DEN	8000	39.3	-30.4	0.0	0.0	0.0	56.5	21.9	-1.1	0.0	0.0	19.6	0.0	1.0	-88.9
4414	638988.20	4873566.50	321.82	1	DEN	250	35.8	-2.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-30.5
4414	638988.20	4873566.50	321.82	1	DEN	500	41.2	-2.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-26.0
4414	638988.20	4873566.50	321.82	1	DEN	1000	47.4	-2.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-21.4
4414	638988.20	4873566.50	321.82	1	DEN	2000	46.6	-2.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-25.0
4414	638988.20	4873566.50	321.82	1	DEN	4000	42.4	-2.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-35.9
4414	638988.20	4873566.50	321.82	1	DEN	8000	39.3	-2.7	0.0	0.0	0.0	56.7	22.5	-1.2	0.0	0.0	15.3	0.0	1.0	-57.7
4417	638976.16	4873562.08	322.13	1	DEN	250	35.8	-1.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-29.6
4417	638976.16	4873562.08	322.13	1	DEN	500	41.2	-1.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-24.8
4417	638976.16	4873562.08	322.13	1	DEN	1000	47.4	-1.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-19.8
4417	638976.16	4873562.08	322.13	1	DEN	2000	46.6	-1.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-23.1
4417	638976.16	4873562.08	322.13	1	DEN	4000	42.4	-1.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.0	0.0	1.0	-33.7
4417	638976.16	4873562.08	322.13	1	DEN	8000	39.3	-1.8	0.0	0.0	0.0	57.0	23.2	-1.2	0.0	0.0	13.3	0.0	1.0	-55.8
4423	638965.61	4873558.20	322.40	1	DEN	250	35.8	0.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-27.5
4423	638965.61	4873558.20	322.40	1	DEN	500	41.2	0.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-22.6
4423	638965.61	4873558.20	322.40	1	DEN	1000	47.4	0.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-17.4
4423	638965.61	4873558.20	322.40	1	DEN	2000	46.6	0.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-20.5
4423	638965.61	4873558.20	322.40	1	DEN	4000	42.4	0.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-31.0
4423	638965.61	4873558.20	322.40	1	DEN	8000	39.3	0.3	0.0	0.0	0.0	57.2	23.8	-1.3	0.0	0.0	12.2	0.0	1.0	-53.4
4429	638958.55	4873555.61	322.58	1	DEN	125	30.3	-4.6	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-37.7
4429	638958.55	4873555.61	322.58	1	DEN	250	35.8	-4.6	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-32.5
4429	638958.55	4873555.61	322.58	1	DEN	500	41.2	-4.6	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-27.6
4429	638958.55	4873555.61	322.58	1	DEN	1000	47.4	-4.6	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-22.3
4429	638958.55	4873555.61	322.58	1	DEN	2000	46.6	-4.6	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-25.4
4429	638958.55	4873555.61	322.58	1	DEN	4000	42.4	-4.6	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	9.8	0.0	1.0	-35.9
4429	638958.55	4873555.61	322.58	1	DEN	8000	39.3	-4.6	0.0	0.0	0.0	57.3	24.3	-1.3	0.0	0.0	11.8	0.0	1.0	-58.4
4434	638955.65	4873554.57	322.65	1	DEN	125	30.3	-6.3	0.0	0.0	0.0	57.4	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-39.4
4434	638955.65	4873554.57	322.65	1	DEN	250	35.8	-6.3	0.0	0.0	0.0	57.4	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-34.2
4434	638955.65	4873554.57	322.65	1	DEN	500	41.2	-6.3	0.0	0.0	0.0	57.4	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-29.3
4434	638955.65	4873554.57	322.65	1	DEN	1000	47.4	-6.3	0.0	0.0	0.0	57.4	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-24.1
4434	638955.65	4873554.57	322.65	1	DEN	2000	46.6	-6.3	0.0	0.0	0.0	57.4	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-27.1
4434	638955.65	4873554.57	322.65	1	DEN	4000	42.4	-6.3	0.0	0.0	0.0	57.4	6.8	-1.3	0.0	0.0	9.7	0.0	1.0	-37.6
4434	638955.65	4873554.57	322.65	1	DEN	8000	39.3	-6.3	0.0	0.0	0.0	57.4	24.4	-1.3	0.0	0.0	11.7	0.0	1.0	-60.2
4494	638536.37	4873816.54	332.02	0	DEN	32	16.0	12.8	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-40.6
4494	638536.37	4873816.54	332.02	0	DEN	63	24.2	12.8	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-32.5
4494	638536.37	4873816.54	332.02	0	DEN	125	30.3	12.8	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-26.5
4494	638536.37	4873816.54	332.02	0	DEN	250	35.8	12.8	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-21.3
4494	638536.37	4873816.54	332.02	0	DEN	500	41.2	12.8	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-16.4
4494	638536.37	4873816.54	332.02	0	DEN	1000	47.4	12.8	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-11.1
4494	638536.37	4873816.54	332.02	0	DEN	2000	46.6	12.8	0.0	0.0	0.0	64.7	4.7	-2.2	0.0	0.0	7.1	0.0	0.0	-14.8
4494	638536.37	4873816.54	332.02	0	DEN	4000	42.4	12.8	0.0	0.0	0.0	64.7	15.8	-2.2	0.0	0.0	7.3	0.0	0.0	-30.3
4494	638536.37	4873816.54	332.02	0	DEN	8000	39.3	12.8	0.0	0.0	0.0	64.7	56.3	-2.2	0.0	0.0	7.5	0.0	0.0	-74.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4501	638533.33	4873815.00	332.44	1	DEN	4000	42.4	-2.9	0.0	0.0	0.0	66.8	20.2	-2.8	0.0	0.0	8.2	0.0	2.0	-55.0
4501	638533.33	4873815.00	332.44	1	DEN	8000	39.3	-2.9	0.0	0.0	0.0	66.8	72.1	-2.8	0.0	0.0	8.8	0.0	2.0	-110.5
4507	638533.27	4873815.55	332.43	1	DEN	4000	42.4	4.1	0.0	0.0	0.0	66.8	20.2	-2.8	0.0	0.0	8.2	0.0	2.0	-47.9
4507	638533.27	4873815.55	332.43	1	DEN	8000	39.3	4.1	0.0	0.0	0.0	66.8	72.0	-2.8	0.0	0.0	8.8	0.0	2.0	-103.4
4512	638532.60	4873814.27	332.55	1	DEN	4000	42.4	2.0	0.0	0.0	0.0	67.0	20.6	-2.9	0.0	0.0	7.7	0.0	2.0	-49.9
4512	638532.60	4873814.27	332.55	1	DEN	8000	39.3	2.0	0.0	0.0	0.0	67.0	73.3	-2.9	0.0	0.0	7.7	0.0	2.0	-105.8
4517	638535.13	4873816.01	332.19	1	DEN	4000	42.4	10.6	0.0	0.0	0.0	66.9	20.5	-3.0	0.0	0.0	7.8	0.0	2.0	-41.2
4517	638535.13	4873816.01	332.19	1	DEN	8000	39.3	10.6	0.0	0.0	0.0	66.9	73.1	-3.0	0.0	0.0	7.8	0.0	2.0	-97.0
4523	638800.83	4873901.80	329.23	0	DEN	32	16.0	7.2	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-40.9
4523	638800.83	4873901.80	329.23	0	DEN	63	24.2	7.2	0.0	0.0	0.0	59.3	0.0	-3.6	0.0	0.0	8.4	0.0	0.0	-32.7
4523	638800.83	4873901.80	329.23	0	DEN	125	30.3	7.2	0.0	0.0	0.0	59.3	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-26.7
4523	638800.83	4873901.80	329.23	0	DEN	250	35.8	7.2	0.0	0.0	0.0	59.3	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-21.5
4523	638800.83	4873901.80	329.23	0	DEN	500	41.2	7.2	0.0	0.0	0.0	59.3	0.5	-1.3	0.0	0.0	6.2	0.0	0.0	-16.4
4523	638800.83	4873901.80	329.23	0	DEN	1000	47.4	7.2	0.0	0.0	0.0	59.3	0.9	-1.6	0.0	0.0	6.8	0.0	0.0	-10.8
4523	638800.83	4873901.80	329.23	0	DEN	2000	46.6	7.2	0.0	0.0	0.0	59.3	2.5	-1.7	0.0	0.0	7.2	0.0	0.0	-13.6
4523	638800.83	4873901.80	329.23	0	DEN	4000	42.4	7.2	0.0	0.0	0.0	59.3	8.5	-1.7	0.0	0.0	7.9	0.0	0.0	-24.4
4523	638800.83	4873901.80	329.23	0	DEN	8000	39.3	7.2	0.0	0.0	0.0	59.3	30.3	-1.7	0.0	0.0	9.0	0.0	0.0	-50.5
4544	638676.79	4873862.36	330.96	0	DEN	32	16.0	9.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-41.8
4544	638676.79	4873862.36	330.96	0	DEN	63	24.2	9.0	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-33.6
4544	638676.79	4873862.36	330.96	0	DEN	125	30.3	9.0	0.0	0.0	0.0	62.0	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-27.6
4544	638676.79	4873862.36	330.96	0	DEN	250	35.8	9.0	0.0	0.0	0.0	62.0	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-22.4
4544	638676.79	4873862.36	330.96	0	DEN	500	41.2	9.0	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-17.3
4544	638676.79	4873862.36	330.96	0	DEN	1000	47.4	9.0	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-11.8
4544	638676.79	4873862.36	330.96	0	DEN	2000	46.6	9.0	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	-14.9
4544	638676.79	4873862.36	330.96	0	DEN	4000	42.4	9.0	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.3	0.0	0.0	-27.5
4544	638676.79	4873862.36	330.96	0	DEN	8000	39.3	9.0	0.0	0.0	0.0	62.0	41.4	-2.0	0.0	0.0	7.8	0.0	0.0	-60.9
4646	638600.43	4873836.91	331.97	0	DEN	32	16.0	8.9	0.0	0.0	0.0	63.5	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-43.4
4646	638600.43	4873836.91	331.97	0	DEN	63	24.2	8.9	0.0	0.0	0.0	63.5	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-35.2
4646	638600.43	4873836.91	331.97	0	DEN	125	30.3	8.9	0.0	0.0	0.0	63.5	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-29.2
4646	638600.43	4873836.91	331.97	0	DEN	250	35.8	8.9	0.0	0.0	0.0	63.5	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-24.0
4646	638600.43	4873836.91	331.97	0	DEN	500	41.2	8.9	0.0	0.0	0.0	63.5	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-19.0
4646	638600.43	4873836.91	331.97	0	DEN	1000	47.4	8.9	0.0	0.0	0.0	63.5	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-13.6
4646	638600.43	4873836.91	331.97	0	DEN	2000	46.6	8.9	0.0	0.0	0.0	63.5	4.1	-2.2	0.0	0.0	7.1	0.0	0.0	-17.0
4646	638600.43	4873836.91	331.97	0	DEN	4000	42.4	8.9	0.0	0.0	0.0	63.5	13.8	-2.2	0.0	0.0	7.2	0.0	0.0	-31.1
4646	638600.43	4873836.91	331.97	0	DEN	8000	39.3	8.9	0.0	0.0	0.0	63.5	49.3	-2.2	0.0	0.0	7.5	0.0	0.0	-70.0
4653	638535.39	4873814.01	332.67	1	DEN	4000	42.4	-16.5	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-68.5
4653	638535.39	4873814.01	332.67	1	DEN	8000	39.3	-16.5	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-124.4
4659	638727.71	4873536.77	324.43	0	DEN	32	16.0	7.1	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-43.8
4659	638727.71	4873536.77	324.43	0	DEN	63	24.2	7.1	0.0	0.0	0.0	62.1	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-35.6
4659	638727.71	4873536.77	324.43	0	DEN	125	30.3	7.1	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-29.7
4659	638727.71	4873536.77	324.43	0	DEN	250	35.8	7.1	0.0	0.0	0.0	62.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-24.4
4659	638727.71	4873536.77	324.43	0	DEN	500	41.2	7.1	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-19.5
4659	638727.71	4873536.77	324.43	0	DEN	1000	47.4	7.1	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.2	0.0	0.0	-14.1
4659	638727.71	4873536.77	324.43	0	DEN	2000	46.6	7.1	0.0	0.0	0.0	62.1	3.5	-2.0	0.0	0.0	7.6	0.0	0.0	-17.4
4659	638727.71	4873536.77	324.43	0	DEN	4000	42.4	7.1	0.0	0.0	0.0	62.1	11.8	-2.0	0.0	0.0	8.3	0.0	0.0	-30.6
4659	638727.71	4873536.77	324.43	0	DEN	8000	39.3	7.1	0.0	0.0	0.0	62.1	41.9	-2.0	0.0	0.0	9.4	0.0	0.0	-65.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4669	638573.34	4873828.29	332.49	0	DEN	32	16.0	9.0	0.0	0.0	0.0	64.0	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-43.8
4669	638573.34	4873828.29	332.49	0	DEN	63	24.2	9.0	0.0	0.0	0.0	64.0	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-35.7
4669	638573.34	4873828.29	332.49	0	DEN	125	30.3	9.0	0.0	0.0	0.0	64.0	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-29.7
4669	638573.34	4873828.29	332.49	0	DEN	250	35.8	9.0	0.0	0.0	0.0	64.0	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-24.5
4669	638573.34	4873828.29	332.49	0	DEN	500	41.2	9.0	0.0	0.0	0.0	64.0	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-19.5
4669	638573.34	4873828.29	332.49	0	DEN	1000	47.4	9.0	0.0	0.0	0.0	64.0	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-14.1
4669	638573.34	4873828.29	332.49	0	DEN	2000	46.6	9.0	0.0	0.0	0.0	64.0	4.3	-2.2	0.0	0.0	7.1	0.0	0.0	-17.6
4669	638573.34	4873828.29	332.49	0	DEN	4000	42.4	9.0	0.0	0.0	0.0	64.0	14.6	-2.2	0.0	0.0	7.2	0.0	0.0	-32.3
4669	638573.34	4873828.29	332.49	0	DEN	8000	39.3	9.0	0.0	0.0	0.0	64.0	52.2	-2.2	0.0	0.0	7.5	0.0	0.0	-73.2
4674	638535.40	4873814.09	332.69	1	DEN	4000	42.4	-12.1	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-64.0
4674	638535.40	4873814.09	332.69	1	DEN	8000	39.3	-12.1	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-119.9
4679	638942.69	4873891.87	327.88	0	DEN	32	16.0	-0.8	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-44.4
4679	638942.69	4873891.87	327.88	0	DEN	63	24.2	-0.8	0.0	0.0	0.0	54.9	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-36.8
4679	638942.69	4873891.87	327.88	0	DEN	125	30.3	-0.8	0.0	0.0	0.0	54.9	0.1	1.6	0.0	0.0	4.5	0.0	0.0	-31.6
4679	638942.69	4873891.87	327.88	0	DEN	250	35.8	-0.8	0.0	0.0	0.0	54.9	0.2	2.1	0.0	0.0	5.1	0.0	0.0	-27.2
4679	638942.69	4873891.87	327.88	0	DEN	500	41.2	-0.8	0.0	0.0	0.0	54.9	0.3	-0.8	0.0	0.0	9.5	0.0	0.0	-23.5
4679	638942.69	4873891.87	327.88	0	DEN	1000	47.4	-0.8	0.0	0.0	0.0	54.9	0.6	-1.2	0.0	0.0	11.9	0.0	0.0	-19.6
4679	638942.69	4873891.87	327.88	0	DEN	2000	46.6	-0.8	0.0	0.0	0.0	54.9	1.5	-1.2	0.0	0.0	14.3	0.0	0.0	-23.7
4679	638942.69	4873891.87	327.88	0	DEN	4000	42.4	-0.8	0.0	0.0	0.0	54.9	5.1	-1.2	0.0	0.0	17.0	0.0	0.0	-34.2
4679	638942.69	4873891.87	327.88	0	DEN	8000	39.3	-0.8	0.0	0.0	0.0	54.9	18.2	-1.2	0.0	0.0	19.9	0.0	0.0	-53.3
4686	638923.95	4873899.89	328.29	0	DEN	32	16.0	0.0	0.0	0.0	0.0	55.7	0.0	-3.0	0.0	0.0	7.1	0.0	0.0	-43.8
4686	638923.95	4873899.89	328.29	0	DEN	63	24.2	0.0	0.0	0.0	0.0	55.7	0.0	-3.0	0.0	0.0	7.6	0.0	0.0	-36.1
4686	638923.95	4873899.89	328.29	0	DEN	125	30.3	0.0	0.0	0.0	0.0	55.7	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-30.5
4686	638923.95	4873899.89	328.29	0	DEN	250	35.8	0.0	0.0	0.0	0.0	55.7	0.2	2.0	0.0	0.0	3.3	0.0	0.0	-25.5
4686	638923.95	4873899.89	328.29	0	DEN	500	41.2	0.0	0.0	0.0	0.0	55.7	0.3	-0.9	0.0	0.0	6.8	0.0	0.0	-20.8
4686	638923.95	4873899.89	328.29	0	DEN	1000	47.4	0.0	0.0	0.0	0.0	55.7	0.6	-1.2	0.0	0.0	8.1	0.0	0.0	-15.8
4686	638923.95	4873899.89	328.29	0	DEN	2000	46.6	0.0	0.0	0.0	0.0	55.7	1.7	-1.2	0.0	0.0	9.5	0.0	0.0	-19.0
4686	638923.95	4873899.89	328.29	0	DEN	4000	42.4	0.0	0.0	0.0	0.0	55.7	5.6	-1.2	0.0	0.0	11.4	0.0	0.0	-29.1
4686	638923.95	4873899.89	328.29	0	DEN	8000	39.3	0.0	0.0	0.0	0.0	55.7	20.1	-1.2	0.0	0.0	13.7	0.0	0.0	-49.0
4697	638986.09	4873656.97	324.09	0	DEN	32	16.0	-6.2	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-46.9
4697	638986.09	4873656.97	324.09	0	DEN	63	24.2	-6.2	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	9.5	0.0	0.0	-39.5
4697	638986.09	4873656.97	324.09	0	DEN	125	30.3	-6.2	0.0	0.0	0.0	51.0	0.0	1.5	0.0	0.0	6.2	0.0	0.0	-34.6
4697	638986.09	4873656.97	324.09	0	DEN	250	35.8	-6.2	0.0	0.0	0.0	51.0	0.1	2.3	0.0	0.0	7.1	0.0	0.0	-30.9
4697	638986.09	4873656.97	324.09	0	DEN	500	41.2	-6.2	0.0	0.0	0.0	51.0	0.2	-0.7	0.0	0.0	12.3	0.0	0.0	-27.8
4697	638986.09	4873656.97	324.09	0	DEN	1000	47.4	-6.2	0.0	0.0	0.0	51.0	0.4	-1.1	0.0	0.0	15.2	0.0	0.0	-24.3
4697	638986.09	4873656.97	324.09	0	DEN	2000	46.6	-6.2	0.0	0.0	0.0	51.0	1.0	-1.1	0.0	0.0	18.0	0.0	0.0	-28.5
4697	638986.09	4873656.97	324.09	0	DEN	4000	42.4	-6.2	0.0	0.0	0.0	51.0	3.3	-1.1	0.0	0.0	20.8	0.0	0.0	-37.9
4697	638986.09	4873656.97	324.09	0	DEN	8000	39.3	-6.2	0.0	0.0	0.0	51.0	11.7	-1.1	0.0	0.0	21.1	0.0	0.0	-49.6
4706	638530.50	4873809.61	331.81	0	DEN	32	16.0	8.1	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-45.4
4706	638530.50	4873809.61	331.81	0	DEN	63	24.2	8.1	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-37.3
4706	638530.50	4873809.61	331.81	0	DEN	125	30.3	8.1	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-31.3
4706	638530.50	4873809.61	331.81	0	DEN	250	35.8	8.1	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-26.2
4706	638530.50	4873809.61	331.81	0	DEN	500	41.2	8.1	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-21.2
4706	638530.50	4873809.61	331.81	0	DEN	1000	47.4	8.1	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-15.9
4706	638530.50	4873809.61	331.81	0	DEN	2000	46.6	8.1	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	-19.7
4706	638530.50	4873809.61	331.81	0	DEN	4000	42.4	8.1	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.3	0.0	0.0	-35.2

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4706	638530.50	4873809.61	331.81	0	DEN	8000	39.3	8.1	0.0	0.0	0.0	64.7	56.9	-2.3	0.0	0.0	7.5	0.0	0.0	-79.5
4712	638531.62	4873812.45	332.54	1	DEN	4000	42.4	-10.4	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.1	0.0	2.0	-62.6
4712	638531.62	4873812.45	332.54	1	DEN	8000	39.3	-10.4	0.0	0.0	0.0	66.8	72.4	-2.8	0.0	0.0	8.7	0.0	2.0	-118.3
4717	638530.50	4873809.61	331.81	1	DEN	4000	42.4	8.1	0.0	0.0	0.0	67.0	20.7	-2.8	0.0	0.0	7.6	0.0	2.0	-44.1
4717	638530.50	4873809.61	331.81	1	DEN	8000	39.3	8.1	0.0	0.0	0.0	67.0	73.9	-2.8	0.0	0.0	7.6	0.0	2.0	-100.4
4755	638610.05	4873841.14	332.10	0	DEN	32	16.0	6.2	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-45.9
4755	638610.05	4873841.14	332.10	0	DEN	63	24.2	6.2	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-37.7
4755	638610.05	4873841.14	332.10	0	DEN	125	30.3	6.2	0.0	0.0	0.0	63.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-31.8
4755	638610.05	4873841.14	332.10	0	DEN	250	35.8	6.2	0.0	0.0	0.0	63.3	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-26.5
4755	638610.05	4873841.14	332.10	0	DEN	500	41.2	6.2	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-21.5
4755	638610.05	4873841.14	332.10	0	DEN	1000	47.4	6.2	0.0	0.0	0.0	63.3	1.5	-2.1	0.0	0.0	7.0	0.0	0.0	-16.1
4755	638610.05	4873841.14	332.10	0	DEN	2000	46.6	6.2	0.0	0.0	0.0	63.3	4.0	-2.1	0.0	0.0	7.1	0.0	0.0	-19.4
4755	638610.05	4873841.14	332.10	0	DEN	4000	42.4	6.2	0.0	0.0	0.0	63.3	13.5	-2.1	0.0	0.0	7.2	0.0	0.0	-33.3
4755	638610.05	4873841.14	332.10	0	DEN	8000	39.3	6.2	0.0	0.0	0.0	63.3	48.3	-2.1	0.0	0.0	7.5	0.0	0.0	-71.5
4759	638561.92	4873824.66	331.99	0	DEN	32	16.0	7.0	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-46.0
4759	638561.92	4873824.66	331.99	0	DEN	63	24.2	7.0	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-37.8
4759	638561.92	4873824.66	331.99	0	DEN	125	30.3	7.0	0.0	0.0	0.0	64.2	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-31.9
4759	638561.92	4873824.66	331.99	0	DEN	250	35.8	7.0	0.0	0.0	0.0	64.2	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-26.7
4759	638561.92	4873824.66	331.99	0	DEN	500	41.2	7.0	0.0	0.0	0.0	64.2	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-21.7
4759	638561.92	4873824.66	331.99	0	DEN	1000	47.4	7.0	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	-16.3
4759	638561.92	4873824.66	331.99	0	DEN	2000	46.6	7.0	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.1	0.0	0.0	-19.9
4759	638561.92	4873824.66	331.99	0	DEN	4000	42.4	7.0	0.0	0.0	0.0	64.2	15.0	-2.2	0.0	0.0	7.3	0.0	0.0	-34.9
4759	638561.92	4873824.66	331.99	0	DEN	8000	39.3	7.0	0.0	0.0	0.0	64.2	53.5	-2.2	0.0	0.0	7.5	0.0	0.0	-76.7
4763	638535.42	4873814.18	332.62	1	DEN	4000	42.4	-11.3	0.0	0.0	0.0	66.9	20.6	-3.0	0.0	0.0	7.8	0.0	2.0	-63.2
4763	638535.42	4873814.18	332.62	1	DEN	8000	39.3	-11.3	0.0	0.0	0.0	66.9	73.3	-3.0	0.0	0.0	7.9	0.0	2.0	-119.0
4769	638953.38	4873833.97	326.85	0	DEN	32	16.0	-7.1	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-47.8
4769	638953.38	4873833.97	326.85	0	DEN	63	24.2	-7.1	0.0	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	9.3	0.0	0.0	-40.3
4769	638953.38	4873833.97	326.85	0	DEN	125	30.3	-7.1	0.0	0.0	0.0	51.1	0.0	1.5	0.0	0.0	5.9	0.0	0.0	-35.3
4769	638953.38	4873833.97	326.85	0	DEN	250	35.8	-7.1	0.0	0.0	0.0	51.1	0.1	2.3	0.0	0.0	6.7	0.0	0.0	-31.5
4769	638953.38	4873833.97	326.85	0	DEN	500	41.2	-7.1	0.0	0.0	0.0	51.1	0.2	-0.6	0.0	0.0	11.8	0.0	0.0	-28.3
4769	638953.38	4873833.97	326.85	0	DEN	1000	47.4	-7.1	0.0	0.0	0.0	51.1	0.4	-1.0	0.0	0.0	14.6	0.0	0.0	-24.7
4769	638953.38	4873833.97	326.85	0	DEN	2000	46.6	-7.1	0.0	0.0	0.0	51.1	1.0	-1.1	0.0	0.0	17.4	0.0	0.0	-28.8
4769	638953.38	4873833.97	326.85	0	DEN	4000	42.4	-7.1	0.0	0.0	0.0	51.1	3.3	-1.1	0.0	0.0	20.2	0.0	0.0	-38.2
4769	638953.38	4873833.97	326.85	0	DEN	8000	39.3	-7.1	0.0	0.0	0.0	51.1	11.8	-1.1	0.0	0.0	21.1	0.0	0.0	-50.7
4798	638966.91	4873760.79	325.72	0	DEN	32	16.0	-13.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	9.7	0.0	0.0	-49.0
4798	638966.91	4873760.79	325.72	0	DEN	63	24.2	-13.8	0.0	0.0	0.0	44.5	0.0	-3.0	0.0	0.0	11.0	0.0	0.0	-42.2
4798	638966.91	4873760.79	325.72	0	DEN	125	30.3	-13.8	0.0	0.0	0.0	44.5	0.0	0.9	0.0	0.0	9.0	0.0	0.0	-37.9
4798	638966.91	4873760.79	325.72	0	DEN	250	35.8	-13.8	0.0	0.0	0.0	44.5	0.0	1.7	0.0	0.0	10.5	0.0	0.0	-34.7
4798	638966.91	4873760.79	325.72	0	DEN	500	41.2	-13.8	0.0	0.0	0.0	44.5	0.1	-0.6	0.0	0.0	15.4	0.0	0.0	-31.9
4798	638966.91	4873760.79	325.72	0	DEN	1000	47.4	-13.8	0.0	0.0	0.0	44.5	0.2	-0.9	0.0	0.0	18.5	0.0	0.0	-28.6
4798	638966.91	4873760.79	325.72	0	DEN	2000	46.6	-13.8	0.0	0.0	0.0	44.5	0.5	-0.9	0.0	0.0	20.9	0.0	0.0	-32.2
4798	638966.91	4873760.79	325.72	0	DEN	4000	42.4	-13.8	0.0	0.0	0.0	44.5	1.6	-0.9	0.0	0.0	20.9	0.0	0.0	-37.5
4798	638966.91	4873760.79	325.72	0	DEN	8000	39.3	-13.8	0.0	0.0	0.0	44.5	5.5	-0.9	0.0	0.0	20.9	0.0	0.0	-44.6
4894	638728.02	4873494.09	323.44	0	DEN	32	16.0	3.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-48.5
4894	638728.02	4873494.09	323.44	0	DEN	63	24.2	3.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-40.3
4894	638728.02	4873494.09	323.44	0	DEN	125	30.3	3.0	0.0	0.0	0.0	62.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-34.4

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4894	638728.02	4873494.09	323.44	0	DEN	250	35.8	3.0	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-29.1
4894	638728.02	4873494.09	323.44	0	DEN	500	41.2	3.0	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-24.1
4894	638728.02	4873494.09	323.44	0	DEN	1000	47.4	3.0	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.1	0.0	0.0	-18.7
4894	638728.02	4873494.09	323.44	0	DEN	2000	46.6	3.0	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.3	0.0	0.0	-22.1
4894	638728.02	4873494.09	323.44	0	DEN	4000	42.4	3.0	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	7.8	0.0	0.0	-35.6
4894	638728.02	4873494.09	323.44	0	DEN	8000	39.3	3.0	0.0	0.0	0.0	62.7	45.1	-2.1	0.0	0.0	8.5	0.0	0.0	-71.9
4903	638966.05	4873558.06	322.18	0	DEN	32	16.0	-3.2	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-49.1
4903	638966.05	4873558.06	322.18	0	DEN	63	24.2	-3.2	0.0	0.0	0.0	57.1	0.0	-3.0	0.0	0.0	7.9	0.0	0.0	-41.0
4903	638966.05	4873558.06	322.18	0	DEN	125	30.3	-3.2	0.0	0.0	0.0	57.1	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-35.1
4903	638966.05	4873558.06	322.18	0	DEN	250	35.8	-3.2	0.0	0.0	0.0	57.1	0.2	2.0	0.0	0.0	3.2	0.0	0.0	-30.0
4903	638966.05	4873558.06	322.18	0	DEN	500	41.2	-3.2	0.0	0.0	0.0	57.1	0.4	-0.9	0.0	0.0	6.6	0.0	0.0	-25.2
4903	638966.05	4873558.06	322.18	0	DEN	1000	47.4	-3.2	0.0	0.0	0.0	57.1	0.7	-1.3	0.0	0.0	7.7	0.0	0.0	-20.1
4903	638966.05	4873558.06	322.18	0	DEN	2000	46.6	-3.2	0.0	0.0	0.0	57.1	1.9	-1.3	0.0	0.0	9.0	0.0	0.0	-23.3
4903	638966.05	4873558.06	322.18	0	DEN	4000	42.4	-3.2	0.0	0.0	0.0	57.1	6.6	-1.3	0.0	0.0	10.7	0.0	0.0	-33.9
4903	638966.05	4873558.06	322.18	0	DEN	8000	39.3	-3.2	0.0	0.0	0.0	57.1	23.5	-1.3	0.0	0.0	12.9	0.0	0.0	-56.1
4910	638976.84	4873561.72	321.66	1	DEN	250	35.8	-18.2	0.0	0.0	0.0	56.9	0.2	2.1	0.0	0.0	3.4	0.0	1.0	-46.0
4910	638976.84	4873561.72	321.66	1	DEN	500	41.2	-18.2	0.0	0.0	0.0	56.9	0.4	-0.8	0.0	0.0	6.9	0.0	1.0	-41.4
4910	638976.84	4873561.72	321.66	1	DEN	1000	47.4	-18.2	0.0	0.0	0.0	56.9	0.7	-1.2	0.0	0.0	8.3	0.0	1.0	-36.5
4910	638976.84	4873561.72	321.66	1	DEN	2000	46.6	-18.2	0.0	0.0	0.0	56.9	1.9	-1.2	0.0	0.0	9.8	0.0	1.0	-40.0
4910	638976.84	4873561.72	321.66	1	DEN	4000	42.4	-18.2	0.0	0.0	0.0	56.9	6.5	-1.2	0.0	0.0	11.8	0.0	1.0	-50.8
4910	638976.84	4873561.72	321.66	1	DEN	8000	39.3	-18.2	0.0	0.0	0.0	56.9	23.1	-1.2	0.0	0.0	14.2	0.0	1.0	-73.0
4916	638973.57	4873560.61	321.82	1	DEN	250	35.8	-13.0	0.0	0.0	0.0	57.0	0.2	2.0	0.0	0.0	3.3	0.0	1.0	-40.8
4916	638973.57	4873560.61	321.82	1	DEN	500	41.2	-13.0	0.0	0.0	0.0	57.0	0.4	-0.9	0.0	0.0	6.8	0.0	1.0	-36.1
4916	638973.57	4873560.61	321.82	1	DEN	1000	47.4	-13.0	0.0	0.0	0.0	57.0	0.7	-1.3	0.0	0.0	8.0	0.0	1.0	-31.1
4916	638973.57	4873560.61	321.82	1	DEN	2000	46.6	-13.0	0.0	0.0	0.0	57.0	1.9	-1.3	0.0	0.0	9.4	0.0	1.0	-34.5
4916	638973.57	4873560.61	321.82	1	DEN	4000	42.4	-13.0	0.0	0.0	0.0	57.0	6.5	-1.3	0.0	0.0	11.3	0.0	1.0	-45.2
4916	638973.57	4873560.61	321.82	1	DEN	8000	39.3	-13.0	0.0	0.0	0.0	57.0	23.3	-1.3	0.0	0.0	13.6	0.0	1.0	-67.4
4921	638966.30	4873558.15	322.17	1	DEN	250	35.8	-5.1	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-32.9
4921	638966.30	4873558.15	322.17	1	DEN	500	41.2	-5.1	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-28.1
4921	638966.30	4873558.15	322.17	1	DEN	1000	47.4	-5.1	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	-23.0
4921	638966.30	4873558.15	322.17	1	DEN	2000	46.6	-5.1	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.8	0.0	1.0	-26.2
4921	638966.30	4873558.15	322.17	1	DEN	4000	42.4	-5.1	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.5	0.0	1.0	-36.8
4921	638966.30	4873558.15	322.17	1	DEN	8000	39.3	-5.1	0.0	0.0	0.0	57.2	23.8	-1.3	0.0	0.0	12.7	0.0	1.0	-59.1
4927	638961.15	4873556.39	322.42	1	DEN	125	30.3	-12.2	0.0	0.0	0.0	57.3	0.1	1.6	0.0	0.0	3.4	0.0	1.0	-45.2
4927	638961.15	4873556.39	322.42	1	DEN	250	35.8	-12.2	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-40.0
4927	638961.15	4873556.39	322.42	1	DEN	500	41.2	-12.2	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-35.2
4927	638961.15	4873556.39	322.42	1	DEN	1000	47.4	-12.2	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-30.0
4927	638961.15	4873556.39	322.42	1	DEN	2000	46.6	-12.2	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.5	0.0	1.0	-33.1
4927	638961.15	4873556.39	322.42	1	DEN	4000	42.4	-12.2	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	10.0	0.0	1.0	-43.6
4927	638961.15	4873556.39	322.42	1	DEN	8000	39.3	-12.2	0.0	0.0	0.0	57.3	24.1	-1.3	0.0	0.0	12.1	0.0	1.0	-66.1
4933	638959.18	4873555.73	322.52	1	DEN	125	30.3	-13.5	0.0	0.0	0.0	57.3	0.1	1.5	0.0	0.0	3.4	0.0	1.0	-46.6
4933	638959.18	4873555.73	322.52	1	DEN	250	35.8	-13.5	0.0	0.0	0.0	57.3	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-41.4
4933	638959.18	4873555.73	322.52	1	DEN	500	41.2	-13.5	0.0	0.0	0.0	57.3	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-36.5
4933	638959.18	4873555.73	322.52	1	DEN	1000	47.4	-13.5	0.0	0.0	0.0	57.3	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-31.3
4933	638959.18	4873555.73	322.52	1	DEN	2000	46.6	-13.5	0.0	0.0	0.0	57.3	2.0	-1.3	0.0	0.0	8.4	0.0	1.0	-34.4
4933	638959.18	4873555.73	322.52	1	DEN	4000	42.4	-13.5	0.0	0.0	0.0	57.3	6.8	-1.3	0.0	0.0	9.9	0.0	1.0	-44.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4933	638959.18	4873555.73	322.52	1	DEN	8000	39.3	-13.5	0.0	0.0	0.0	57.3	24.2	-1.3	0.0	0.0	11.9	0.0	1.0	-67.4
4940	638774.18	4873492.92	322.89	0	DEN	32	16.0	1.5	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-49.2
4940	638774.18	4873492.92	322.89	0	DEN	63	24.2	1.5	0.0	0.0	0.0	62.0	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-41.1
4940	638774.18	4873492.92	322.89	0	DEN	125	30.3	1.5	0.0	0.0	0.0	62.0	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-35.1
4940	638774.18	4873492.92	322.89	0	DEN	250	35.8	1.5	0.0	0.0	0.0	62.0	0.4	1.3	0.0	0.0	3.6	0.0	0.0	-29.9
4940	638774.18	4873492.92	322.89	0	DEN	500	41.2	1.5	0.0	0.0	0.0	62.0	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-24.8
4940	638774.18	4873492.92	322.89	0	DEN	1000	47.4	1.5	0.0	0.0	0.0	62.0	1.3	-2.0	0.0	0.0	7.0	0.0	0.0	-19.4
4940	638774.18	4873492.92	322.89	0	DEN	2000	46.6	1.5	0.0	0.0	0.0	62.0	3.4	-2.0	0.0	0.0	7.2	0.0	0.0	-22.5
4940	638774.18	4873492.92	322.89	0	DEN	4000	42.4	1.5	0.0	0.0	0.0	62.0	11.6	-2.0	0.0	0.0	7.7	0.0	0.0	-35.3
4940	638774.18	4873492.92	322.89	0	DEN	8000	39.3	1.5	0.0	0.0	0.0	62.0	41.3	-2.0	0.0	0.0	8.4	0.0	0.0	-68.9
4947	638715.90	4873874.80	330.36	0	DEN	32	16.0	0.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-49.1
4947	638715.90	4873874.80	330.36	0	DEN	63	24.2	0.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-40.9
4947	638715.90	4873874.80	330.36	0	DEN	125	30.3	0.9	0.0	0.0	0.0	61.1	0.1	0.9	0.0	0.0	3.9	0.0	0.0	-34.9
4947	638715.90	4873874.80	330.36	0	DEN	250	35.8	0.9	0.0	0.0	0.0	61.1	0.3	1.3	0.0	0.0	3.5	0.0	0.0	-29.6
4947	638715.90	4873874.80	330.36	0	DEN	500	41.2	0.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-24.6
4947	638715.90	4873874.80	330.36	0	DEN	1000	47.4	0.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	6.9	0.0	0.0	-19.0
4947	638715.90	4873874.80	330.36	0	DEN	2000	46.6	0.9	0.0	0.0	0.0	61.1	3.1	-1.9	0.0	0.0	7.1	0.0	0.0	-22.0
4947	638715.90	4873874.80	330.36	0	DEN	4000	42.4	0.9	0.0	0.0	0.0	61.1	10.5	-1.9	0.0	0.0	7.5	0.0	0.0	-34.0
4947	638715.90	4873874.80	330.36	0	DEN	8000	39.3	0.9	0.0	0.0	0.0	61.1	37.6	-1.9	0.0	0.0	8.1	0.0	0.0	-64.8
5001	638906.02	4873913.21	328.66	0	DEN	32	16.0	-4.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-50.2
5001	638906.02	4873913.21	328.66	0	DEN	63	24.2	-4.6	0.0	0.0	0.0	56.7	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-42.0
5001	638906.02	4873913.21	328.66	0	DEN	125	30.3	-4.6	0.0	0.0	0.0	56.7	0.1	1.5	0.0	0.0	3.5	0.0	0.0	-36.1
5001	638906.02	4873913.21	328.66	0	DEN	250	35.8	-4.6	0.0	0.0	0.0	56.7	0.2	2.0	0.0	0.0	3.1	0.0	0.0	-30.8
5001	638906.02	4873913.21	328.66	0	DEN	500	41.2	-4.6	0.0	0.0	0.0	56.7	0.4	-0.9	0.0	0.0	6.2	0.0	0.0	-25.8
5001	638906.02	4873913.21	328.66	0	DEN	1000	47.4	-4.6	0.0	0.0	0.0	56.7	0.7	-1.3	0.0	0.0	7.1	0.0	0.0	-20.5
5001	638906.02	4873913.21	328.66	0	DEN	2000	46.6	-4.6	0.0	0.0	0.0	56.7	1.9	-1.3	0.0	0.0	7.9	0.0	0.0	-23.2
5001	638906.02	4873913.21	328.66	0	DEN	4000	42.4	-4.6	0.0	0.0	0.0	56.7	6.3	-1.3	0.0	0.0	9.2	0.0	0.0	-33.2
5001	638906.02	4873913.21	328.66	0	DEN	8000	39.3	-4.6	0.0	0.0	0.0	56.7	22.5	-1.3	0.0	0.0	11.0	0.0	0.0	-54.3
5007	638908.12	4873910.34	328.58	1	DEN	4000	42.4	-11.1	0.0	0.0	0.0	57.2	6.7	-1.1	0.0	0.0	14.1	0.0	1.0	-46.6
5007	638908.12	4873910.34	328.58	1	DEN	8000	39.3	-11.1	0.0	0.0	0.0	57.2	23.8	-1.1	0.0	0.0	16.8	0.0	1.0	-69.4
5027	638731.10	4873879.63	330.37	0	DEN	32	16.0	-0.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.7	0.0	0.0	-50.2
5027	638731.10	4873879.63	330.37	0	DEN	63	24.2	-0.6	0.0	0.0	0.0	60.8	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-42.0
5027	638731.10	4873879.63	330.37	0	DEN	125	30.3	-0.6	0.0	0.0	0.0	60.8	0.1	1.0	0.0	0.0	3.8	0.0	0.0	-36.0
5027	638731.10	4873879.63	330.37	0	DEN	250	35.8	-0.6	0.0	0.0	0.0	60.8	0.3	1.3	0.0	0.0	3.5	0.0	0.0	-30.8
5027	638731.10	4873879.63	330.37	0	DEN	500	41.2	-0.6	0.0	0.0	0.0	60.8	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-25.7
5027	638731.10	4873879.63	330.37	0	DEN	1000	47.4	-0.6	0.0	0.0	0.0	60.8	1.1	-1.9	0.0	0.0	6.9	0.0	0.0	-20.1
5027	638731.10	4873879.63	330.37	0	DEN	2000	46.6	-0.6	0.0	0.0	0.0	60.8	3.0	-1.9	0.0	0.0	7.1	0.0	0.0	-23.0
5027	638731.10	4873879.63	330.37	0	DEN	4000	42.4	-0.6	0.0	0.0	0.0	60.8	10.1	-1.9	0.0	0.0	7.5	0.0	0.0	-34.7
5027	638731.10	4873879.63	330.37	0	DEN	8000	39.3	-0.6	0.0	0.0	0.0	60.8	36.2	-1.9	0.0	0.0	8.2	0.0	0.0	-64.6
5033	638727.97	4873494.07	323.44	0	DEN	32	16.0	1.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.1	0.0	0.0	-50.3
5033	638727.97	4873494.07	323.44	0	DEN	63	24.2	1.2	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-42.1
5033	638727.97	4873494.07	323.44	0	DEN	125	30.3	1.2	0.0	0.0	0.0	62.7	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-36.2
5033	638727.97	4873494.07	323.44	0	DEN	250	35.8	1.2	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-30.9
5033	638727.97	4873494.07	323.44	0	DEN	500	41.2	1.2	0.0	0.0	0.0	62.7	0.7	-1.7	0.0	0.0	6.6	0.0	0.0	-25.9
5033	638727.97	4873494.07	323.44	0	DEN	1000	47.4	1.2	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.1	0.0	0.0	-20.5
5033	638727.97	4873494.07	323.44	0	DEN	2000	46.6	1.2	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.3	0.0	0.0	-23.9

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5033	638727.97	4873494.07	323.44	0	DEN	4000	42.4	1.2	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	7.8	0.0	0.0	-37.4
5033	638727.97	4873494.07	323.44	0	DEN	8000	39.3	1.2	0.0	0.0	0.0	62.7	45.1	-2.1	0.0	0.0	8.5	0.0	0.0	-73.7
5059	638571.48	4873682.09	329.76	0	DEN	32	16.0	2.2	0.0	0.0	0.0	64.0	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-50.6
5059	638571.48	4873682.09	329.76	0	DEN	63	24.2	2.2	0.0	0.0	0.0	64.0	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-42.5
5059	638571.48	4873682.09	329.76	0	DEN	125	30.3	2.2	0.0	0.0	0.0	64.0	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-36.5
5059	638571.48	4873682.09	329.76	0	DEN	250	35.8	2.2	0.0	0.0	0.0	64.0	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-31.3
5059	638571.48	4873682.09	329.76	0	DEN	500	41.2	2.2	0.0	0.0	0.0	64.0	0.9	-1.8	0.0	0.0	6.7	0.0	0.0	-26.4
5059	638571.48	4873682.09	329.76	0	DEN	1000	47.4	2.2	0.0	0.0	0.0	64.0	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	-21.1
5059	638571.48	4873682.09	329.76	0	DEN	2000	46.6	2.2	0.0	0.0	0.0	64.0	4.3	-2.2	0.0	0.0	7.4	0.0	0.0	-24.8
5059	638571.48	4873682.09	329.76	0	DEN	4000	42.4	2.2	0.0	0.0	0.0	64.0	14.7	-2.2	0.0	0.0	7.8	0.0	0.0	-39.7
5059	638571.48	4873682.09	329.76	0	DEN	8000	39.3	2.2	0.0	0.0	0.0	64.0	52.4	-2.2	0.0	0.0	8.5	0.0	0.0	-81.1
5073	638895.00	4873534.37	323.26	0	DEN	32	16.0	-6.9	0.0	0.0	0.0	58.9	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-54.6
5073	638895.00	4873534.37	323.26	0	DEN	63	24.2	-6.9	0.0	0.0	0.0	58.9	0.0	-3.5	0.0	0.0	8.3	0.0	0.0	-46.5
5073	638895.00	4873534.37	323.26	0	DEN	125	30.3	-6.9	0.0	0.0	0.0	58.9	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-40.5
5073	638895.00	4873534.37	323.26	0	DEN	250	35.8	-6.9	0.0	0.0	0.0	58.9	0.3	1.6	0.0	0.0	3.3	0.0	0.0	-35.3
5073	638895.00	4873534.37	323.26	0	DEN	500	41.2	-6.9	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.3	0.0	0.0	-30.2
5073	638895.00	4873534.37	323.26	0	DEN	1000	47.4	-6.9	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	7.1	0.0	0.0	-24.8
5073	638895.00	4873534.37	323.26	0	DEN	2000	46.6	-6.9	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.7	0.0	0.0	-27.7
5073	638895.00	4873534.37	323.26	0	DEN	4000	42.4	-6.9	0.0	0.0	0.0	58.9	8.2	-1.6	0.0	0.0	8.6	0.0	0.0	-38.6
5073	638895.00	4873534.37	323.26	0	DEN	8000	39.3	-6.9	0.0	0.0	0.0	58.9	29.1	-1.6	0.0	0.0	10.1	0.0	0.0	-64.2
5080	638987.98	4873566.70	321.70	1	DEN	250	35.8	-24.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-52.5
5080	638987.98	4873566.70	321.70	1	DEN	500	41.2	-24.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-48.1
5080	638987.98	4873566.70	321.70	1	DEN	1000	47.4	-24.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	9.0	0.0	1.0	-43.5
5080	638987.98	4873566.70	321.70	1	DEN	2000	46.6	-24.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.7	0.0	1.0	-47.2
5080	638987.98	4873566.70	321.70	1	DEN	4000	42.4	-24.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.9	0.0	1.0	-58.1
5080	638987.98	4873566.70	321.70	1	DEN	8000	39.3	-24.7	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.5	0.0	1.0	-80.0
5085	638975.74	4873562.44	321.90	1	DEN	250	35.8	-23.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.3	0.0	1.0	-51.6
5085	638975.74	4873562.44	321.90	1	DEN	500	41.2	-23.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.8	0.0	1.0	-46.9
5085	638975.74	4873562.44	321.90	1	DEN	1000	47.4	-23.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	8.0	0.0	1.0	-42.0
5085	638975.74	4873562.44	321.90	1	DEN	2000	46.6	-23.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.4	0.0	1.0	-45.3
5085	638975.74	4873562.44	321.90	1	DEN	4000	42.4	-23.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.3	0.0	1.0	-56.0
5085	638975.74	4873562.44	321.90	1	DEN	8000	39.3	-23.8	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.6	0.0	1.0	-78.2
5090	638965.04	4873558.72	322.08	1	DEN	250	35.8	-21.6	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-49.5
5090	638965.04	4873558.72	322.08	1	DEN	500	41.2	-21.6	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-44.7
5090	638965.04	4873558.72	322.08	1	DEN	1000	47.4	-21.6	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.6	0.0	1.0	-39.6
5090	638965.04	4873558.72	322.08	1	DEN	2000	46.6	-21.6	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.8	0.0	1.0	-42.8
5090	638965.04	4873558.72	322.08	1	DEN	4000	42.4	-21.6	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.5	0.0	1.0	-53.4
5090	638965.04	4873558.72	322.08	1	DEN	8000	39.3	-21.6	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.6	0.0	1.0	-75.9
5095	638953.74	4873554.79	322.27	1	DEN	250	35.8	-20.8	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-48.8
5095	638953.74	4873554.79	322.27	1	DEN	500	41.2	-20.8	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.4	0.0	1.0	-44.0
5095	638953.74	4873554.79	322.27	1	DEN	1000	47.4	-20.8	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.4	0.0	1.0	-38.8
5095	638953.74	4873554.79	322.27	1	DEN	2000	46.6	-20.8	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.5	0.0	1.0	-41.9
5095	638953.74	4873554.79	322.27	1	DEN	4000	42.4	-20.8	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	10.1	0.0	1.0	-52.5
5095	638953.74	4873554.79	322.27	1	DEN	8000	39.3	-20.8	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	12.1	0.0	1.0	-75.4
5100	638943.56	4873551.25	322.45	1	DEN	250	35.8	-20.7	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-49.0
5100	638943.56	4873551.25	322.45	1	DEN	500	41.2	-20.7	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.4	0.0	1.0	-44.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5100	638943.56	4873551.25	322.45	1	DEN	1000	47.4	-20.7	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.4	0.0	1.0	-38.8
5100	638943.56	4873551.25	322.45	1	DEN	2000	46.6	-20.7	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.4	0.0	1.0	-41.9
5100	638943.56	4873551.25	322.45	1	DEN	4000	42.4	-20.7	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.8	0.0	1.0	-52.6
5100	638943.56	4873551.25	322.45	1	DEN	8000	39.3	-20.7	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.8	0.0	1.0	-75.8
5104	638924.98	4873544.79	322.76	1	DEN	250	35.8	-14.9	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.2	0.0	1.0	-43.6
5104	638924.98	4873544.79	322.76	1	DEN	500	41.2	-14.9	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.3	0.0	1.0	-38.7
5104	638924.98	4873544.79	322.76	1	DEN	1000	47.4	-14.9	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.1	0.0	1.0	-33.3
5104	638924.98	4873544.79	322.76	1	DEN	2000	46.6	-14.9	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.9	0.0	1.0	-36.2
5104	638924.98	4873544.79	322.76	1	DEN	4000	42.4	-14.9	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	9.1	0.0	1.0	-47.0
5104	638924.98	4873544.79	322.76	1	DEN	8000	39.3	-14.9	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.9	0.0	1.0	-71.1
5108	638898.44	4873535.57	323.21	1	DEN	250	35.8	-13.6	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.3	0.0	1.0	-42.9
5108	638898.44	4873535.57	323.21	1	DEN	500	41.2	-13.6	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.3	0.0	1.0	-37.9
5108	638898.44	4873535.57	323.21	1	DEN	1000	47.4	-13.6	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	7.0	0.0	1.0	-32.5
5108	638898.44	4873535.57	323.21	1	DEN	2000	46.6	-13.6	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.6	0.0	1.0	-35.3
5108	638898.44	4873535.57	323.21	1	DEN	4000	42.4	-13.6	0.0	0.0	0.0	58.9	8.2	-1.6	0.0	0.0	8.6	0.0	1.0	-46.2
5108	638898.44	4873535.57	323.21	1	DEN	8000	39.3	-13.6	0.0	0.0	0.0	58.9	29.1	-1.6	0.0	0.0	10.0	0.0	1.0	-71.7
5112	638867.71	4873524.89	323.72	1	DEN	250	35.8	-11.4	0.0	0.0	0.0	59.7	0.3	1.5	0.0	0.0	3.4	0.0	1.0	-41.5
5112	638867.71	4873524.89	323.72	1	DEN	500	41.2	-11.4	0.0	0.0	0.0	59.7	0.5	-1.3	0.0	0.0	6.4	0.0	1.0	-36.5
5112	638867.71	4873524.89	323.72	1	DEN	1000	47.4	-11.4	0.0	0.0	0.0	59.7	1.0	-1.7	0.0	0.0	7.0	0.0	1.0	-31.0
5112	638867.71	4873524.89	323.72	1	DEN	2000	46.6	-11.4	0.0	0.0	0.0	59.7	2.6	-1.7	0.0	0.0	7.4	0.0	1.0	-33.8
5112	638867.71	4873524.89	323.72	1	DEN	4000	42.4	-11.4	0.0	0.0	0.0	59.7	9.0	-1.7	0.0	0.0	8.1	0.0	1.0	-45.1
5112	638867.71	4873524.89	323.72	1	DEN	8000	39.3	-11.4	0.0	0.0	0.0	59.7	32.0	-1.7	0.0	0.0	9.3	0.0	1.0	-72.3
5116	638846.40	4873517.48	324.08	1	DEN	500	41.2	-16.2	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-41.8
5116	638846.40	4873517.48	324.08	1	DEN	1000	47.4	-16.2	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-36.3
5116	638846.40	4873517.48	324.08	1	DEN	2000	46.6	-16.2	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	7.2	0.0	1.0	-39.2
5116	638846.40	4873517.48	324.08	1	DEN	4000	42.4	-16.2	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	7.8	0.0	1.0	-50.6
5116	638846.40	4873517.48	324.08	1	DEN	8000	39.3	-16.2	0.0	0.0	0.0	60.3	34.1	-1.8	0.0	0.0	8.7	0.0	1.0	-79.2
5120	638841.57	4873515.80	324.16	1	DEN	500	41.2	-37.7	0.0	0.0	0.0	60.4	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-63.4
5120	638841.57	4873515.80	324.16	1	DEN	1000	47.4	-37.7	0.0	0.0	0.0	60.4	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-57.9
5120	638841.57	4873515.80	324.16	1	DEN	2000	46.6	-37.7	0.0	0.0	0.0	60.4	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-60.7
5120	638841.57	4873515.80	324.16	1	DEN	4000	42.4	-37.7	0.0	0.0	0.0	60.4	9.7	-1.8	0.0	0.0	7.7	0.0	1.0	-72.3
5120	638841.57	4873515.80	324.16	1	DEN	8000	39.3	-37.7	0.0	0.0	0.0	60.4	34.6	-1.8	0.0	0.0	8.6	0.0	1.0	-101.1
5126	638925.84	4873544.84	323.21	0	DEN	32	16.0	-8.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-55.4
5126	638925.84	4873544.84	323.21	0	DEN	63	24.2	-8.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-47.3
5126	638925.84	4873544.84	323.21	0	DEN	125	30.3	-8.5	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-41.3
5126	638925.84	4873544.84	323.21	0	DEN	250	35.8	-8.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-36.0
5126	638925.84	4873544.84	323.21	0	DEN	500	41.2	-8.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-31.1
5126	638925.84	4873544.84	323.21	0	DEN	1000	47.4	-8.5	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-25.6
5126	638925.84	4873544.84	323.21	0	DEN	2000	46.6	-8.5	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-28.5
5126	638925.84	4873544.84	323.21	0	DEN	4000	42.4	-8.5	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-39.1
5126	638925.84	4873544.84	323.21	0	DEN	8000	39.3	-8.5	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-62.9
5129	638988.02	4873566.66	321.78	1	DEN	250	35.8	-23.3	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-51.2
5129	638988.02	4873566.66	321.78	1	DEN	500	41.2	-23.3	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-46.7
5129	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-23.3	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-42.0
5129	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-23.3	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-45.7
5129	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-23.3	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-56.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5129	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-23.3	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-78.5
5131	638975.81	4873562.38	322.06	1	DEN	250	35.8	-22.5	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-50.2
5131	638975.81	4873562.38	322.06	1	DEN	500	41.2	-22.5	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-45.5
5131	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-22.5	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-40.5
5131	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-22.5	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-43.8
5131	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-22.5	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-54.4
5131	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-22.5	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-76.6
5134	638965.13	4873558.63	322.31	1	DEN	250	35.8	-20.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-48.1
5134	638965.13	4873558.63	322.31	1	DEN	500	41.2	-20.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-43.3
5134	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-20.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-38.1
5134	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-20.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-41.2
5134	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-20.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-51.8
5134	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-20.3	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-74.2
5138	638953.87	4873554.68	322.57	1	DEN	250	35.8	-19.4	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-47.4
5138	638953.87	4873554.68	322.57	1	DEN	500	41.2	-19.4	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-42.6
5138	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-19.4	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-37.3
5138	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-19.4	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-40.3
5138	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-19.4	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-50.8
5138	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-19.4	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-73.6
5141	638943.75	4873551.13	322.80	1	DEN	250	35.8	-19.4	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-47.6
5141	638943.75	4873551.13	322.80	1	DEN	500	41.2	-19.4	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-42.7
5141	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-19.4	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-37.3
5141	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-19.4	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-40.3
5141	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-19.4	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-50.9
5141	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-19.4	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-74.0
5144	638925.26	4873544.64	323.23	1	DEN	250	35.8	-13.6	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-42.2
5144	638925.26	4873544.64	323.23	1	DEN	500	41.2	-13.6	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-37.2
5144	638925.26	4873544.64	323.23	1	DEN	1000	47.4	-13.6	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-31.8
5144	638925.26	4873544.64	323.23	1	DEN	2000	46.6	-13.6	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-34.6
5144	638925.26	4873544.64	323.23	1	DEN	4000	42.4	-13.6	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-45.2
5144	638925.26	4873544.64	323.23	1	DEN	8000	39.3	-13.6	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-69.2
5148	638899.83	4873535.71	323.81	1	DEN	250	35.8	-12.6	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-41.9
5148	638899.83	4873535.71	323.81	1	DEN	500	41.2	-12.6	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-36.8
5148	638899.83	4873535.71	323.81	1	DEN	1000	47.4	-12.6	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-31.3
5148	638899.83	4873535.71	323.81	1	DEN	2000	46.6	-12.6	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-34.1
5148	638899.83	4873535.71	323.81	1	DEN	4000	42.4	-12.6	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-44.8
5148	638899.83	4873535.71	323.81	1	DEN	8000	39.3	-12.6	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-70.0
5151	638887.84	4873531.51	324.09	1	DEN	250	35.8	-37.7	0.0	0.0	0.0	59.2	0.3	1.6	0.0	0.0	3.3	0.0	1.0	-67.3
5151	638887.84	4873531.51	324.09	1	DEN	500	41.2	-37.7	0.0	0.0	0.0	59.2	0.5	-1.3	0.0	0.0	6.3	0.0	1.0	-62.2
5151	638887.84	4873531.51	324.09	1	DEN	1000	47.4	-37.7	0.0	0.0	0.0	59.2	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-56.7
5151	638887.84	4873531.51	324.09	1	DEN	2000	46.6	-37.7	0.0	0.0	0.0	59.2	2.5	-1.7	0.0	0.0	7.3	0.0	1.0	-59.5
5151	638887.84	4873531.51	324.09	1	DEN	4000	42.4	-37.7	0.0	0.0	0.0	59.2	8.4	-1.7	0.0	0.0	8.0	0.0	1.0	-70.3
5151	638887.84	4873531.51	324.09	1	DEN	8000	39.3	-37.7	0.0	0.0	0.0	59.2	30.0	-1.7	0.0	0.0	9.2	0.0	1.0	-96.2
5157	638695.86	4873868.42	330.50	0	DEN	32	16.0	-3.9	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-54.3
5157	638695.86	4873868.42	330.50	0	DEN	63	24.2	-3.9	0.0	0.0	0.0	61.6	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-46.1
5157	638695.86	4873868.42	330.50	0	DEN	125	30.3	-3.9	0.0	0.0	0.0	61.6	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-40.1

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5157	638695.86	4873868.42	330.50	0	DEN	250	35.8	-3.9	0.0	0.0	0.0	61.6	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-34.9
5157	638695.86	4873868.42	330.50	0	DEN	500	41.2	-3.9	0.0	0.0	0.0	61.6	0.7	-1.6	0.0	0.0	6.4	0.0	0.0	-29.8
5157	638695.86	4873868.42	330.50	0	DEN	1000	47.4	-3.9	0.0	0.0	0.0	61.6	1.2	-2.0	0.0	0.0	6.9	0.0	0.0	-24.3
5157	638695.86	4873868.42	330.50	0	DEN	2000	46.6	-3.9	0.0	0.0	0.0	61.6	3.3	-2.0	0.0	0.0	7.1	0.0	0.0	-27.3
5157	638695.86	4873868.42	330.50	0	DEN	4000	42.4	-3.9	0.0	0.0	0.0	61.6	11.1	-2.0	0.0	0.0	7.4	0.0	0.0	-39.6
5157	638695.86	4873868.42	330.50	0	DEN	8000	39.3	-3.9	0.0	0.0	0.0	61.6	39.5	-2.0	0.0	0.0	8.0	0.0	0.0	-71.8
5162	638770.85	4873892.27	330.29	0	DEN	32	16.0	-5.5	0.0	0.0	0.0	59.9	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-54.3
5162	638770.85	4873892.27	330.29	0	DEN	63	24.2	-5.5	0.0	0.0	0.0	59.9	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-46.1
5162	638770.85	4873892.27	330.29	0	DEN	125	30.3	-5.5	0.0	0.0	0.0	59.9	0.1	1.1	0.0	0.0	3.7	0.0	0.0	-40.1
5162	638770.85	4873892.27	330.29	0	DEN	250	35.8	-5.5	0.0	0.0	0.0	59.9	0.3	1.5	0.0	0.0	3.3	0.0	0.0	-34.8
5162	638770.85	4873892.27	330.29	0	DEN	500	41.2	-5.5	0.0	0.0	0.0	59.9	0.5	-1.4	0.0	0.0	6.3	0.0	0.0	-29.7
5162	638770.85	4873892.27	330.29	0	DEN	1000	47.4	-5.5	0.0	0.0	0.0	59.9	1.0	-1.7	0.0	0.0	6.8	0.0	0.0	-24.1
5162	638770.85	4873892.27	330.29	0	DEN	2000	46.6	-5.5	0.0	0.0	0.0	59.9	2.7	-1.8	0.0	0.0	7.0	0.0	0.0	-26.8
5162	638770.85	4873892.27	330.29	0	DEN	4000	42.4	-5.5	0.0	0.0	0.0	59.9	9.2	-1.8	0.0	0.0	7.5	0.0	0.0	-38.0
5162	638770.85	4873892.27	330.29	0	DEN	8000	39.3	-5.5	0.0	0.0	0.0	59.9	32.7	-1.8	0.0	0.0	8.2	0.0	0.0	-65.4
5178	638925.68	4873544.79	323.21	0	DEN	32	16.0	-9.8	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-56.7
5178	638925.68	4873544.79	323.21	0	DEN	63	24.2	-9.8	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-48.6
5178	638925.68	4873544.79	323.21	0	DEN	125	30.3	-9.8	0.0	0.0	0.0	58.1	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-42.6
5178	638925.68	4873544.79	323.21	0	DEN	250	35.8	-9.8	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-37.3
5178	638925.68	4873544.79	323.21	0	DEN	500	41.2	-9.8	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-32.4
5178	638925.68	4873544.79	323.21	0	DEN	1000	47.4	-9.8	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-27.0
5178	638925.68	4873544.79	323.21	0	DEN	2000	46.6	-9.8	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-29.8
5178	638925.68	4873544.79	323.21	0	DEN	4000	42.4	-9.8	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-40.4
5178	638925.68	4873544.79	323.21	0	DEN	8000	39.3	-9.8	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-64.2
5184	638988.02	4873566.66	321.78	1	DEN	250	35.8	-24.7	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-52.5
5184	638988.02	4873566.66	321.78	1	DEN	500	41.2	-24.7	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-48.0
5184	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-24.7	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-43.4
5184	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-24.7	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-47.1
5184	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-24.7	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-57.9
5184	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-24.7	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-79.8
5189	638975.81	4873562.38	322.06	1	DEN	250	35.8	-23.8	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-51.5
5189	638975.81	4873562.38	322.06	1	DEN	500	41.2	-23.8	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-46.8
5189	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-23.8	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-41.8
5189	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-23.8	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-45.1
5189	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-23.8	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-55.8
5189	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-23.8	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-77.9
5193	638965.13	4873558.63	322.31	1	DEN	250	35.8	-21.6	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-49.5
5193	638965.13	4873558.63	322.31	1	DEN	500	41.2	-21.6	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-44.6
5193	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-21.6	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-39.4
5193	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-21.6	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-42.6
5193	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-21.6	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-53.1
5193	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-21.6	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-75.5
5197	638953.87	4873554.68	322.57	1	DEN	250	35.8	-20.8	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-48.8
5197	638953.87	4873554.68	322.57	1	DEN	500	41.2	-20.8	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-43.9
5197	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-20.8	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-38.6
5197	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-20.8	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-41.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5197	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-20.8	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-52.2
5197	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-20.8	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-74.9
5201	638943.75	4873551.13	322.80	1	DEN	250	35.8	-20.7	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-48.9
5201	638943.75	4873551.13	322.80	1	DEN	500	41.2	-20.7	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-44.0
5201	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-20.7	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-38.7
5201	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-20.7	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-41.6
5201	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-20.7	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-52.2
5201	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-20.7	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-75.4
5206	638925.26	4873544.64	323.22	1	DEN	250	35.8	-14.9	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-43.5
5206	638925.26	4873544.64	323.22	1	DEN	500	41.2	-14.9	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-38.6
5206	638925.26	4873544.64	323.22	1	DEN	1000	47.4	-14.9	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-33.1
5206	638925.26	4873544.64	323.22	1	DEN	2000	46.6	-14.9	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-36.0
5206	638925.26	4873544.64	323.22	1	DEN	4000	42.4	-14.9	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-46.6
5206	638925.26	4873544.64	323.22	1	DEN	8000	39.3	-14.9	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-70.5
5210	638899.68	4873535.66	323.81	1	DEN	250	35.8	-13.9	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-43.1
5210	638899.68	4873535.66	323.81	1	DEN	500	41.2	-13.9	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-38.1
5210	638899.68	4873535.66	323.81	1	DEN	1000	47.4	-13.9	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-32.6
5210	638899.68	4873535.66	323.81	1	DEN	2000	46.6	-13.9	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-35.3
5210	638899.68	4873535.66	323.81	1	DEN	4000	42.4	-13.9	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-46.1
5210	638899.68	4873535.66	323.81	1	DEN	8000	39.3	-13.9	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-71.3
5216	638925.75	4873544.81	323.21	0	DEN	32	16.0	-10.0	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-56.9
5216	638925.75	4873544.81	323.21	0	DEN	63	24.2	-10.0	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-48.7
5216	638925.75	4873544.81	323.21	0	DEN	125	30.3	-10.0	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-42.8
5216	638925.75	4873544.81	323.21	0	DEN	250	35.8	-10.0	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-37.5
5216	638925.75	4873544.81	323.21	0	DEN	500	41.2	-10.0	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-32.5
5216	638925.75	4873544.81	323.21	0	DEN	1000	47.4	-10.0	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-27.1
5216	638925.75	4873544.81	323.21	0	DEN	2000	46.6	-10.0	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-30.0
5216	638925.75	4873544.81	323.21	0	DEN	4000	42.4	-10.0	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-40.6
5216	638925.75	4873544.81	323.21	0	DEN	8000	39.3	-10.0	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-64.4
5221	638988.02	4873566.66	321.78	1	DEN	250	35.8	-24.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-52.7
5221	638988.02	4873566.66	321.78	1	DEN	500	41.2	-24.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-48.2
5221	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-24.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-43.5
5221	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-24.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-47.2
5221	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-24.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-58.1
5221	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-24.8	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-79.9
5226	638975.81	4873562.38	322.06	1	DEN	250	35.8	-24.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-51.7
5226	638975.81	4873562.38	322.06	1	DEN	500	41.2	-24.0	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-47.0
5226	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-24.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-42.0
5226	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-24.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-45.3
5226	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-24.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-55.9
5226	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-24.0	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-78.1
5230	638965.13	4873558.63	322.31	1	DEN	250	35.8	-21.8	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-49.6
5230	638965.13	4873558.63	322.31	1	DEN	500	41.2	-21.8	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-44.8
5230	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-21.8	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-39.6
5230	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-21.8	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-42.7
5230	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-21.8	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-53.3

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5230	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-21.8	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-75.7
5234	638953.87	4873554.68	322.57	1	DEN	250	35.8	-20.9	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-48.9
5234	638953.87	4873554.68	322.57	1	DEN	500	41.2	-20.9	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-44.0
5234	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-20.9	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-38.8
5234	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-20.9	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-41.8
5234	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-20.9	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-52.3
5234	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-20.9	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-75.1
5239	638943.75	4873551.13	322.80	1	DEN	250	35.8	-20.9	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-49.1
5239	638943.75	4873551.13	322.80	1	DEN	500	41.2	-20.9	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-44.2
5239	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-20.9	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-38.8
5239	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-20.9	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-41.8
5239	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-20.9	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-52.4
5239	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-20.9	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-75.5
5243	638925.26	4873544.64	323.23	1	DEN	250	35.8	-15.1	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-43.7
5243	638925.26	4873544.64	323.23	1	DEN	500	41.2	-15.1	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-38.7
5243	638925.26	4873544.64	323.23	1	DEN	1000	47.4	-15.1	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-33.3
5243	638925.26	4873544.64	323.23	1	DEN	2000	46.6	-15.1	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-36.1
5243	638925.26	4873544.64	323.23	1	DEN	4000	42.4	-15.1	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-46.7
5243	638925.26	4873544.64	323.23	1	DEN	8000	39.3	-15.1	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-70.7
5247	638899.74	4873535.68	323.81	1	DEN	250	35.8	-14.1	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-43.3
5247	638899.74	4873535.68	323.81	1	DEN	500	41.2	-14.1	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-38.3
5247	638899.74	4873535.68	323.81	1	DEN	1000	47.4	-14.1	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-32.8
5247	638899.74	4873535.68	323.81	1	DEN	2000	46.6	-14.1	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-35.5
5247	638899.74	4873535.68	323.81	1	DEN	4000	42.4	-14.1	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-46.3
5247	638899.74	4873535.68	323.81	1	DEN	8000	39.3	-14.1	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-71.5
5259	638588.13	4873834.17	332.58	0	DEN	32	16.0	-4.8	0.0	0.0	0.0	63.7	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-57.3
5259	638588.13	4873834.17	332.58	0	DEN	63	24.2	-4.8	0.0	0.0	0.0	63.7	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-49.2
5259	638588.13	4873834.17	332.58	0	DEN	125	30.3	-4.8	0.0	0.0	0.0	63.7	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-43.2
5259	638588.13	4873834.17	332.58	0	DEN	250	35.8	-4.8	0.0	0.0	0.0	63.7	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-38.0
5259	638588.13	4873834.17	332.58	0	DEN	500	41.2	-4.8	0.0	0.0	0.0	63.7	0.8	-1.8	0.0	0.0	6.6	0.0	0.0	-33.0
5259	638588.13	4873834.17	332.58	0	DEN	1000	47.4	-4.8	0.0	0.0	0.0	63.7	1.6	-2.2	0.0	0.0	7.0	0.0	0.0	-27.6
5259	638588.13	4873834.17	332.58	0	DEN	2000	46.6	-4.8	0.0	0.0	0.0	63.7	4.2	-2.2	0.0	0.0	7.1	0.0	0.0	-31.0
5259	638588.13	4873834.17	332.58	0	DEN	4000	42.4	-4.8	0.0	0.0	0.0	63.7	14.2	-2.2	0.0	0.0	7.2	0.0	0.0	-45.4
5259	638588.13	4873834.17	332.58	0	DEN	8000	39.3	-4.8	0.0	0.0	0.0	63.7	50.6	-2.2	0.0	0.0	7.4	0.0	0.0	-85.2
5264	638925.78	4873544.82	323.21	0	DEN	32	16.0	-13.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-60.4
5264	638925.78	4873544.82	323.21	0	DEN	63	24.2	-13.5	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-52.2
5264	638925.78	4873544.82	323.21	0	DEN	125	30.3	-13.5	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-46.3
5264	638925.78	4873544.82	323.21	0	DEN	250	35.8	-13.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-41.0
5264	638925.78	4873544.82	323.21	0	DEN	500	41.2	-13.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-36.0
5264	638925.78	4873544.82	323.21	0	DEN	1000	47.4	-13.5	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-30.6
5264	638925.78	4873544.82	323.21	0	DEN	2000	46.6	-13.5	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-33.5
5264	638925.78	4873544.82	323.21	0	DEN	4000	42.4	-13.5	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-44.1
5264	638925.78	4873544.82	323.21	0	DEN	8000	39.3	-13.5	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-67.9
5269	638988.02	4873566.66	321.78	1	DEN	250	35.8	-28.3	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-56.2
5269	638988.02	4873566.66	321.78	1	DEN	500	41.2	-28.3	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-51.7
5269	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-28.3	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-47.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5269	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-28.3	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-50.7
5269	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-28.3	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-61.6
5269	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-28.3	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-83.5
5273	638975.81	4873562.38	322.06	1	DEN	250	35.8	-27.5	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-55.2
5273	638975.81	4873562.38	322.06	1	DEN	500	41.2	-27.5	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-50.5
5273	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-27.5	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-45.5
5273	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-27.5	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-48.8
5273	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-27.5	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-59.5
5273	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-27.5	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-81.6
5278	638965.13	4873558.63	322.31	1	DEN	250	35.8	-25.3	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-53.1
5278	638965.13	4873558.63	322.31	1	DEN	500	41.2	-25.3	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-48.3
5278	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-25.3	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-43.1
5278	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-25.3	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-46.2
5278	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-25.3	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-56.8
5278	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-25.3	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-79.2
5283	638953.87	4873554.68	322.57	1	DEN	250	35.8	-24.4	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-52.4
5283	638953.87	4873554.68	322.57	1	DEN	500	41.2	-24.4	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-47.6
5283	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-24.4	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-42.3
5283	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-24.4	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-45.3
5283	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-24.4	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-55.8
5283	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-24.4	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-78.6
5290	638943.75	4873551.13	322.80	1	DEN	250	35.8	-24.4	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-52.6
5290	638943.75	4873551.13	322.80	1	DEN	500	41.2	-24.4	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-47.7
5290	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-24.4	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-42.4
5290	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-24.4	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-45.3
5290	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-24.4	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-55.9
5290	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-24.4	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-79.0
5296	638925.26	4873544.64	323.23	1	DEN	250	35.8	-18.6	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-47.2
5296	638925.26	4873544.64	323.23	1	DEN	500	41.2	-18.6	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-42.2
5296	638925.26	4873544.64	323.23	1	DEN	1000	47.4	-18.6	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-36.8
5296	638925.26	4873544.64	323.23	1	DEN	2000	46.6	-18.6	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-39.6
5296	638925.26	4873544.64	323.23	1	DEN	4000	42.4	-18.6	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-50.2
5296	638925.26	4873544.64	323.23	1	DEN	8000	39.3	-18.6	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-74.2
5302	638899.75	4873535.69	323.81	1	DEN	250	35.8	-17.6	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-46.8
5302	638899.75	4873535.69	323.81	1	DEN	500	41.2	-17.6	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-41.8
5302	638899.75	4873535.69	323.81	1	DEN	1000	47.4	-17.6	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-36.3
5302	638899.75	4873535.69	323.81	1	DEN	2000	46.6	-17.6	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-39.0
5302	638899.75	4873535.69	323.81	1	DEN	4000	42.4	-17.6	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-49.8
5302	638899.75	4873535.69	323.81	1	DEN	8000	39.3	-17.6	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-75.0
5310	638812.30	4873505.86	323.76	0	DEN	32	16.0	-9.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-59.8
5310	638812.30	4873505.86	323.76	0	DEN	63	24.2	-9.9	0.0	0.0	0.0	61.1	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-51.6
5310	638812.30	4873505.86	323.76	0	DEN	125	30.3	-9.9	0.0	0.0	0.0	61.1	0.1	1.1	0.0	0.0	3.8	0.0	0.0	-45.6
5310	638812.30	4873505.86	323.76	0	DEN	250	35.8	-9.9	0.0	0.0	0.0	61.1	0.3	1.4	0.0	0.0	3.5	0.0	0.0	-40.4
5310	638812.30	4873505.86	323.76	0	DEN	500	41.2	-9.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.4	0.0	0.0	-35.3
5310	638812.30	4873505.86	323.76	0	DEN	1000	47.4	-9.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	6.9	0.0	0.0	-29.8
5310	638812.30	4873505.86	323.76	0	DEN	2000	46.6	-9.9	0.0	0.0	0.0	61.1	3.1	-1.9	0.0	0.0	7.2	0.0	0.0	-32.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5310	638812.30	4873505.86	323.76	0	DEN	4000	42.4	-9.9	0.0	0.0	0.0	61.1	10.5	-1.9	0.0	0.0	7.7	0.0	0.0	-44.8
5310	638812.30	4873505.86	323.76	0	DEN	8000	39.3	-9.9	0.0	0.0	0.0	61.1	37.3	-1.9	0.0	0.0	8.5	0.0	0.0	-75.6
5316	638837.34	4873514.36	324.11	1	DEN	500	41.2	-28.7	0.0	0.0	0.0	60.5	0.6	-1.4	0.0	0.0	6.3	0.0	1.0	-54.5
5316	638837.34	4873514.36	324.11	1	DEN	1000	47.4	-28.7	0.0	0.0	0.0	60.5	1.1	-1.8	0.0	0.0	6.9	0.0	1.0	-49.0
5316	638837.34	4873514.36	324.11	1	DEN	2000	46.6	-28.7	0.0	0.0	0.0	60.5	2.9	-1.8	0.0	0.0	7.2	0.0	1.0	-51.8
5316	638837.34	4873514.36	324.11	1	DEN	4000	42.4	-28.7	0.0	0.0	0.0	60.5	9.8	-1.8	0.0	0.0	7.7	0.0	1.0	-63.5
5316	638837.34	4873514.36	324.11	1	DEN	8000	39.3	-28.7	0.0	0.0	0.0	60.5	35.0	-1.8	0.0	0.0	8.5	0.0	1.0	-92.6
5323	638819.55	4873508.32	323.87	1	DEN	500	41.2	-12.7	0.0	0.0	0.0	61.0	0.6	-1.5	0.0	0.0	6.4	0.0	1.0	-39.0
5323	638819.55	4873508.32	323.87	1	DEN	1000	47.4	-12.7	0.0	0.0	0.0	61.0	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-33.5
5323	638819.55	4873508.32	323.87	1	DEN	2000	46.6	-12.7	0.0	0.0	0.0	61.0	3.0	-1.9	0.0	0.0	7.2	0.0	1.0	-36.5
5323	638819.55	4873508.32	323.87	1	DEN	4000	42.4	-12.7	0.0	0.0	0.0	61.0	10.3	-1.9	0.0	0.0	7.6	0.0	1.0	-48.4
5323	638819.55	4873508.32	323.87	1	DEN	8000	39.3	-12.7	0.0	0.0	0.0	61.0	36.8	-1.9	0.0	0.0	8.4	0.0	1.0	-78.8
5329	638805.93	4873503.70	323.67	1	DEN	500	41.2	-15.4	0.0	0.0	0.0	61.3	0.6	-1.5	0.0	0.0	6.4	0.0	1.0	-42.1
5329	638805.93	4873503.70	323.67	1	DEN	1000	47.4	-15.4	0.0	0.0	0.0	61.3	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-36.5
5329	638805.93	4873503.70	323.67	1	DEN	2000	46.6	-15.4	0.0	0.0	0.0	61.3	3.2	-1.9	0.0	0.0	7.2	0.0	1.0	-39.5
5329	638805.93	4873503.70	323.67	1	DEN	4000	42.4	-15.4	0.0	0.0	0.0	61.3	10.7	-1.9	0.0	0.0	7.6	0.0	1.0	-51.7
5329	638805.93	4873503.70	323.67	1	DEN	8000	39.3	-15.4	0.0	0.0	0.0	61.3	38.2	-1.9	0.0	0.0	8.4	0.0	1.0	-83.1
5334	638800.47	4873501.85	323.60	1	DEN	500	41.2	-18.4	0.0	0.0	0.0	61.4	0.6	-1.5	0.0	0.0	6.4	0.0	1.0	-45.2
5334	638800.47	4873501.85	323.60	1	DEN	1000	47.4	-18.4	0.0	0.0	0.0	61.4	1.2	-1.9	0.0	0.0	6.9	0.0	1.0	-39.7
5334	638800.47	4873501.85	323.60	1	DEN	2000	46.6	-18.4	0.0	0.0	0.0	61.4	3.2	-1.9	0.0	0.0	7.2	0.0	1.0	-42.7
5334	638800.47	4873501.85	323.60	1	DEN	4000	42.4	-18.4	0.0	0.0	0.0	61.4	10.9	-1.9	0.0	0.0	7.6	0.0	1.0	-55.0
5334	638800.47	4873501.85	323.60	1	DEN	8000	39.3	-18.4	0.0	0.0	0.0	61.4	38.8	-1.9	0.0	0.0	8.3	0.0	1.0	-86.8
5342	638925.90	4873544.86	323.21	0	DEN	32	16.0	-15.1	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-62.0
5342	638925.90	4873544.86	323.21	0	DEN	63	24.2	-15.1	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-53.8
5342	638925.90	4873544.86	323.21	0	DEN	125	30.3	-15.1	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-47.8
5342	638925.90	4873544.86	323.21	0	DEN	250	35.8	-15.1	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-42.6
5342	638925.90	4873544.86	323.21	0	DEN	500	41.2	-15.1	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-37.6
5342	638925.90	4873544.86	323.21	0	DEN	1000	47.4	-15.1	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-32.2
5342	638925.90	4873544.86	323.21	0	DEN	2000	46.6	-15.1	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-35.1
5342	638925.90	4873544.86	323.21	0	DEN	4000	42.4	-15.1	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-45.7
5342	638925.90	4873544.86	323.21	0	DEN	8000	39.3	-15.1	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-69.4
5386	638988.02	4873566.66	321.78	1	DEN	250	35.8	-29.9	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-57.7
5386	638988.02	4873566.66	321.78	1	DEN	500	41.2	-29.9	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-53.3
5386	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-29.9	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-48.6
5386	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-29.9	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-52.3
5386	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-29.9	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-63.1
5386	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-29.9	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-85.0
5392	638975.81	4873562.38	322.06	1	DEN	250	35.8	-29.0	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-56.8
5392	638975.81	4873562.38	322.06	1	DEN	500	41.2	-29.0	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-52.1
5392	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-29.0	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-47.0
5392	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-29.0	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-50.4
5392	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-29.0	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-61.0
5392	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-29.0	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-83.1
5398	638965.13	4873558.63	322.31	1	DEN	250	35.8	-26.9	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-54.7
5398	638965.13	4873558.63	322.31	1	DEN	500	41.2	-26.9	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-49.8
5398	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-26.9	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-44.7

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5398	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-26.9	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-47.8
5398	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-26.9	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-58.3
5398	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-26.9	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-80.7
5405	638953.87	4873554.68	322.57	1	DEN	250	35.8	-26.0	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-54.0
5405	638953.87	4873554.68	322.57	1	DEN	500	41.2	-26.0	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-49.1
5405	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-26.0	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-43.9
5405	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-26.0	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-46.9
5405	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-26.0	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-57.4
5405	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-26.0	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-80.2
5412	638943.75	4873551.13	322.80	1	DEN	250	35.8	-25.9	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-54.2
5412	638943.75	4873551.13	322.80	1	DEN	500	41.2	-25.9	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-49.2
5412	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-25.9	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-43.9
5412	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-25.9	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-46.9
5412	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-25.9	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-57.4
5412	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-25.9	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-80.6
5416	638925.26	4873544.64	323.23	1	DEN	250	35.8	-20.2	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-48.8
5416	638925.26	4873544.64	323.23	1	DEN	500	41.2	-20.2	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-43.8
5416	638925.26	4873544.64	323.23	1	DEN	1000	47.4	-20.2	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-38.4
5416	638925.26	4873544.64	323.23	1	DEN	2000	46.6	-20.2	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-41.2
5416	638925.26	4873544.64	323.23	1	DEN	4000	42.4	-20.2	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-51.8
5416	638925.26	4873544.64	323.23	1	DEN	8000	39.3	-20.2	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-75.7
5421	638899.85	4873535.72	323.81	1	DEN	250	35.8	-19.2	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-48.4
5421	638899.85	4873535.72	323.81	1	DEN	500	41.2	-19.2	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-43.4
5421	638899.85	4873535.72	323.81	1	DEN	1000	47.4	-19.2	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-37.9
5421	638899.85	4873535.72	323.81	1	DEN	2000	46.6	-19.2	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-40.6
5421	638899.85	4873535.72	323.81	1	DEN	4000	42.4	-19.2	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-51.4
5421	638899.85	4873535.72	323.81	1	DEN	8000	39.3	-19.2	0.0	0.0	0.0	58.9	28.9	-1.6	0.0	0.0	9.5	0.0	1.0	-76.6
5426	638925.72	4873544.80	323.21	0	DEN	32	16.0	-15.3	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-62.2
5426	638925.72	4873544.80	323.21	0	DEN	63	24.2	-15.3	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-54.1
5426	638925.72	4873544.80	323.21	0	DEN	125	30.3	-15.3	0.0	0.0	0.0	58.1	0.1	1.4	0.0	0.0	3.5	0.0	0.0	-48.1
5426	638925.72	4873544.80	323.21	0	DEN	250	35.8	-15.3	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-42.9
5426	638925.72	4873544.80	323.21	0	DEN	500	41.2	-15.3	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-37.9
5426	638925.72	4873544.80	323.21	0	DEN	1000	47.4	-15.3	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-32.5
5426	638925.72	4873544.80	323.21	0	DEN	2000	46.6	-15.3	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-35.3
5426	638925.72	4873544.80	323.21	0	DEN	4000	42.4	-15.3	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-45.9
5426	638925.72	4873544.80	323.21	0	DEN	8000	39.3	-15.3	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-69.7
5430	638988.02	4873566.66	321.78	1	DEN	250	35.8	-30.2	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-58.0
5430	638988.02	4873566.66	321.78	1	DEN	500	41.2	-30.2	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-53.5
5430	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-30.2	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-48.9
5430	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-30.2	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-52.6
5430	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-30.2	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-63.4
5430	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-30.2	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-85.3
5436	638975.81	4873562.38	322.06	1	DEN	250	35.8	-29.3	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-57.0
5436	638975.81	4873562.38	322.06	1	DEN	500	41.2	-29.3	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-52.3
5436	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-29.3	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-47.3
5436	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-29.3	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-50.6

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5436	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-29.3	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-61.3
5436	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-29.3	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-83.4
5442	638965.13	4873558.63	322.31	1	DEN	250	35.8	-27.1	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-55.0
5442	638965.13	4873558.63	322.31	1	DEN	500	41.2	-27.1	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-50.1
5442	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-27.1	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-44.9
5442	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-27.1	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-48.1
5442	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-27.1	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-58.6
5442	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-27.1	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-81.0
5447	638953.87	4873554.68	322.57	1	DEN	250	35.8	-26.3	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-54.3
5447	638953.87	4873554.68	322.57	1	DEN	500	41.2	-26.3	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-49.4
5447	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-26.3	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-44.1
5447	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-26.3	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-47.2
5447	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-26.3	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-57.7
5447	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-26.3	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-80.4
5453	638943.75	4873551.13	322.80	1	DEN	250	35.8	-26.2	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-54.4
5453	638943.75	4873551.13	322.80	1	DEN	500	41.2	-26.2	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-49.5
5453	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-26.2	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-44.2
5453	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-26.2	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-47.1
5453	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-26.2	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-57.7
5453	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-26.2	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-80.9
5459	638925.26	4873544.64	323.23	1	DEN	250	35.8	-20.4	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-49.1
5459	638925.26	4873544.64	323.23	1	DEN	500	41.2	-20.4	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-44.1
5459	638925.26	4873544.64	323.23	1	DEN	1000	47.4	-20.4	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-38.6
5459	638925.26	4873544.64	323.23	1	DEN	2000	46.6	-20.4	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-41.5
5459	638925.26	4873544.64	323.23	1	DEN	4000	42.4	-20.4	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-52.1
5459	638925.26	4873544.64	323.23	1	DEN	8000	39.3	-20.4	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-76.0
5466	638899.70	4873535.67	323.81	1	DEN	250	35.8	-19.4	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-48.6
5466	638899.70	4873535.67	323.81	1	DEN	500	41.2	-19.4	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-43.6
5466	638899.70	4873535.67	323.81	1	DEN	1000	47.4	-19.4	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-38.1
5466	638899.70	4873535.67	323.81	1	DEN	2000	46.6	-19.4	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-40.9
5466	638899.70	4873535.67	323.81	1	DEN	4000	42.4	-19.4	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-51.6
5466	638899.70	4873535.67	323.81	1	DEN	8000	39.3	-19.4	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-76.8
5471	638925.71	4873544.80	323.21	0	DEN	32	16.0	-16.9	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-63.8
5471	638925.71	4873544.80	323.21	0	DEN	63	24.2	-16.9	0.0	0.0	0.0	58.1	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-55.7
5471	638925.71	4873544.80	323.21	0	DEN	125	30.3	-16.9	0.0	0.0	0.0	58.1	0.1	1.3	0.0	0.0	3.5	0.0	0.0	-49.7
5471	638925.71	4873544.80	323.21	0	DEN	250	35.8	-16.9	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.2	0.0	0.0	-44.5
5471	638925.71	4873544.80	323.21	0	DEN	500	41.2	-16.9	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.3	0.0	0.0	-39.5
5471	638925.71	4873544.80	323.21	0	DEN	1000	47.4	-16.9	0.0	0.0	0.0	58.1	0.8	-1.4	0.0	0.0	7.0	0.0	0.0	-34.1
5471	638925.71	4873544.80	323.21	0	DEN	2000	46.6	-16.9	0.0	0.0	0.0	58.1	2.2	-1.4	0.0	0.0	7.8	0.0	0.0	-36.9
5471	638925.71	4873544.80	323.21	0	DEN	4000	42.4	-16.9	0.0	0.0	0.0	58.1	7.4	-1.4	0.0	0.0	8.9	0.0	0.0	-47.5
5471	638925.71	4873544.80	323.21	0	DEN	8000	39.3	-16.9	0.0	0.0	0.0	58.1	26.4	-1.4	0.0	0.0	10.6	0.0	0.0	-71.3
5477	638988.02	4873566.66	321.78	1	DEN	250	35.8	-31.8	0.0	0.0	0.0	56.7	0.2	2.1	0.0	0.0	3.6	0.0	1.0	-59.6
5477	638988.02	4873566.66	321.78	1	DEN	500	41.2	-31.8	0.0	0.0	0.0	56.7	0.4	-0.8	0.0	0.0	7.3	0.0	1.0	-55.1
5477	638988.02	4873566.66	321.78	1	DEN	1000	47.4	-31.8	0.0	0.0	0.0	56.7	0.7	-1.2	0.0	0.0	8.9	0.0	1.0	-50.5
5477	638988.02	4873566.66	321.78	1	DEN	2000	46.6	-31.8	0.0	0.0	0.0	56.7	1.9	-1.2	0.0	0.0	10.6	0.0	1.0	-54.2
5477	638988.02	4873566.66	321.78	1	DEN	4000	42.4	-31.8	0.0	0.0	0.0	56.7	6.3	-1.2	0.0	0.0	12.8	0.0	1.0	-65.0

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5477	638988.02	4873566.66	321.78	1	DEN	8000	39.3	-31.8	0.0	0.0	0.0	56.7	22.6	-1.2	0.0	0.0	15.3	0.0	1.0	-86.9
5483	638975.81	4873562.38	322.06	1	DEN	250	35.8	-30.9	0.0	0.0	0.0	57.0	0.2	2.1	0.0	0.0	3.2	0.0	1.0	-58.7
5483	638975.81	4873562.38	322.06	1	DEN	500	41.2	-30.9	0.0	0.0	0.0	57.0	0.4	-0.8	0.0	0.0	6.7	0.0	1.0	-53.9
5483	638975.81	4873562.38	322.06	1	DEN	1000	47.4	-30.9	0.0	0.0	0.0	57.0	0.7	-1.2	0.0	0.0	7.9	0.0	1.0	-48.9
5483	638975.81	4873562.38	322.06	1	DEN	2000	46.6	-30.9	0.0	0.0	0.0	57.0	1.9	-1.2	0.0	0.0	9.2	0.0	1.0	-52.3
5483	638975.81	4873562.38	322.06	1	DEN	4000	42.4	-30.9	0.0	0.0	0.0	57.0	6.5	-1.2	0.0	0.0	11.1	0.0	1.0	-62.9
5483	638975.81	4873562.38	322.06	1	DEN	8000	39.3	-30.9	0.0	0.0	0.0	57.0	23.3	-1.2	0.0	0.0	13.4	0.0	1.0	-85.0
5489	638965.13	4873558.63	322.31	1	DEN	250	35.8	-28.7	0.0	0.0	0.0	57.2	0.2	2.0	0.0	0.0	3.2	0.0	1.0	-56.6
5489	638965.13	4873558.63	322.31	1	DEN	500	41.2	-28.7	0.0	0.0	0.0	57.2	0.4	-0.9	0.0	0.0	6.5	0.0	1.0	-51.7
5489	638965.13	4873558.63	322.31	1	DEN	1000	47.4	-28.7	0.0	0.0	0.0	57.2	0.7	-1.3	0.0	0.0	7.5	0.0	1.0	-46.6
5489	638965.13	4873558.63	322.31	1	DEN	2000	46.6	-28.7	0.0	0.0	0.0	57.2	2.0	-1.3	0.0	0.0	8.6	0.0	1.0	-49.7
5489	638965.13	4873558.63	322.31	1	DEN	4000	42.4	-28.7	0.0	0.0	0.0	57.2	6.7	-1.3	0.0	0.0	10.2	0.0	1.0	-60.2
5489	638965.13	4873558.63	322.31	1	DEN	8000	39.3	-28.7	0.0	0.0	0.0	57.2	23.9	-1.3	0.0	0.0	12.3	0.0	1.0	-82.6
5495	638953.87	4873554.68	322.57	1	DEN	250	35.8	-27.9	0.0	0.0	0.0	57.5	0.2	2.0	0.0	0.0	3.1	0.0	1.0	-55.9
5495	638953.87	4873554.68	322.57	1	DEN	500	41.2	-27.9	0.0	0.0	0.0	57.5	0.4	-0.9	0.0	0.0	6.3	0.0	1.0	-51.0
5495	638953.87	4873554.68	322.57	1	DEN	1000	47.4	-27.9	0.0	0.0	0.0	57.5	0.8	-1.3	0.0	0.0	7.3	0.0	1.0	-45.7
5495	638953.87	4873554.68	322.57	1	DEN	2000	46.6	-27.9	0.0	0.0	0.0	57.5	2.0	-1.3	0.0	0.0	8.3	0.0	1.0	-48.8
5495	638953.87	4873554.68	322.57	1	DEN	4000	42.4	-27.9	0.0	0.0	0.0	57.5	6.9	-1.3	0.0	0.0	9.7	0.0	1.0	-59.3
5495	638953.87	4873554.68	322.57	1	DEN	8000	39.3	-27.9	0.0	0.0	0.0	57.5	24.6	-1.3	0.0	0.0	11.7	0.0	1.0	-82.1
5498	638943.75	4873551.13	322.80	1	DEN	250	35.8	-27.8	0.0	0.0	0.0	57.7	0.2	1.9	0.0	0.0	3.2	0.0	1.0	-56.0
5498	638943.75	4873551.13	322.80	1	DEN	500	41.2	-27.8	0.0	0.0	0.0	57.7	0.4	-1.0	0.0	0.0	6.3	0.0	1.0	-51.1
5498	638943.75	4873551.13	322.80	1	DEN	1000	47.4	-27.8	0.0	0.0	0.0	57.7	0.8	-1.4	0.0	0.0	7.2	0.0	1.0	-45.8
5498	638943.75	4873551.13	322.80	1	DEN	2000	46.6	-27.8	0.0	0.0	0.0	57.7	2.1	-1.4	0.0	0.0	8.1	0.0	1.0	-48.8
5498	638943.75	4873551.13	322.80	1	DEN	4000	42.4	-27.8	0.0	0.0	0.0	57.7	7.1	-1.4	0.0	0.0	9.5	0.0	1.0	-59.3
5498	638943.75	4873551.13	322.80	1	DEN	8000	39.3	-27.8	0.0	0.0	0.0	57.7	25.3	-1.4	0.0	0.0	11.3	0.0	1.0	-82.5
5504	638925.26	4873544.64	323.22	1	DEN	250	35.8	-22.0	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.1	0.0	1.0	-50.7
5504	638925.26	4873544.64	323.22	1	DEN	500	41.2	-22.0	0.0	0.0	0.0	58.2	0.4	-1.0	0.0	0.0	6.2	0.0	1.0	-45.7
5504	638925.26	4873544.64	323.22	1	DEN	1000	47.4	-22.0	0.0	0.0	0.0	58.2	0.8	-1.4	0.0	0.0	7.0	0.0	1.0	-40.2
5504	638925.26	4873544.64	323.22	1	DEN	2000	46.6	-22.0	0.0	0.0	0.0	58.2	2.2	-1.4	0.0	0.0	7.7	0.0	1.0	-43.1
5504	638925.26	4873544.64	323.22	1	DEN	4000	42.4	-22.0	0.0	0.0	0.0	58.2	7.5	-1.4	0.0	0.0	8.8	0.0	1.0	-53.7
5504	638925.26	4873544.64	323.22	1	DEN	8000	39.3	-22.0	0.0	0.0	0.0	58.2	26.8	-1.4	0.0	0.0	10.4	0.0	1.0	-77.6
5509	638899.69	4873535.67	323.81	1	DEN	250	35.8	-21.0	0.0	0.0	0.0	58.9	0.3	1.7	0.0	0.0	3.2	0.0	1.0	-50.3
5509	638899.69	4873535.67	323.81	1	DEN	500	41.2	-21.0	0.0	0.0	0.0	58.9	0.5	-1.2	0.0	0.0	6.2	0.0	1.0	-45.2
5509	638899.69	4873535.67	323.81	1	DEN	1000	47.4	-21.0	0.0	0.0	0.0	58.9	0.9	-1.6	0.0	0.0	6.9	0.0	1.0	-39.7
5509	638899.69	4873535.67	323.81	1	DEN	2000	46.6	-21.0	0.0	0.0	0.0	58.9	2.4	-1.6	0.0	0.0	7.4	0.0	1.0	-42.5
5509	638899.69	4873535.67	323.81	1	DEN	4000	42.4	-21.0	0.0	0.0	0.0	58.9	8.1	-1.6	0.0	0.0	8.2	0.0	1.0	-53.2
5509	638899.69	4873535.67	323.81	1	DEN	8000	39.3	-21.0	0.0	0.0	0.0	58.9	29.0	-1.6	0.0	0.0	9.5	0.0	1.0	-78.4
5515	638655.66	4873649.68	328.15	0	DEN	32	16.0	-12.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-63.2
5515	638655.66	4873649.68	328.15	0	DEN	63	24.2	-12.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-55.1
5515	638655.66	4873649.68	328.15	0	DEN	125	30.3	-12.0	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-49.1
5515	638655.66	4873649.68	328.15	0	DEN	250	35.8	-12.0	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-43.9
5515	638655.66	4873649.68	328.15	0	DEN	500	41.2	-12.0	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-39.0
5515	638655.66	4873649.68	328.15	0	DEN	1000	47.4	-12.0	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.4	0.0	0.0	-33.7
5515	638655.66	4873649.68	328.15	0	DEN	2000	46.6	-12.0	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.8	0.0	0.0	-37.2
5515	638655.66	4873649.68	328.15	0	DEN	4000	42.4	-12.0	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	8.6	0.0	0.0	-50.8
5515	638655.66	4873649.68	328.15	0	DEN	8000	39.3	-12.0	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	9.9	0.0	0.0	-86.5

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5522	638661.39	4873648.50	328.05	1	DEN	8000	39.3	-17.1	0.0	0.0	0.0	65.8	64.0	-2.1	0.0	0.0	6.9	0.0	1.0	-113.4
5529	638681.06	4873863.72	330.61	0	DEN	32	16.0	-12.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-63.6
5529	638681.06	4873863.72	330.61	0	DEN	63	24.2	-12.9	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-55.4
5529	638681.06	4873863.72	330.61	0	DEN	125	30.3	-12.9	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	3.8	0.0	0.0	-49.4
5529	638681.06	4873863.72	330.61	0	DEN	250	35.8	-12.9	0.0	0.0	0.0	61.9	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-44.2
5529	638681.06	4873863.72	330.61	0	DEN	500	41.2	-12.9	0.0	0.0	0.0	61.9	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-39.1
5529	638681.06	4873863.72	330.61	0	DEN	1000	47.4	-12.9	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	6.9	0.0	0.0	-33.6
5529	638681.06	4873863.72	330.61	0	DEN	2000	46.6	-12.9	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.1	0.0	0.0	-36.7
5529	638681.06	4873863.72	330.61	0	DEN	4000	42.4	-12.9	0.0	0.0	0.0	61.9	11.5	-2.0	0.0	0.0	7.4	0.0	0.0	-49.3
5529	638681.06	4873863.72	330.61	0	DEN	8000	39.3	-12.9	0.0	0.0	0.0	61.9	41.0	-2.0	0.0	0.0	7.9	0.0	0.0	-82.4
5535	638530.33	4873755.39	331.89	0	DEN	32	16.0	-10.0	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-63.5
5535	638530.33	4873755.39	331.89	0	DEN	63	24.2	-10.0	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-55.3
5535	638530.33	4873755.39	331.89	0	DEN	125	30.3	-10.0	0.0	0.0	0.0	64.7	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-49.3
5535	638530.33	4873755.39	331.89	0	DEN	250	35.8	-10.0	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-44.2
5535	638530.33	4873755.39	331.89	0	DEN	500	41.2	-10.0	0.0	0.0	0.0	64.7	0.9	-1.9	0.0	0.0	6.7	0.0	0.0	-39.2
5535	638530.33	4873755.39	331.89	0	DEN	1000	47.4	-10.0	0.0	0.0	0.0	64.7	1.8	-2.2	0.0	0.0	7.1	0.0	0.0	-33.9
5535	638530.33	4873755.39	331.89	0	DEN	2000	46.6	-10.0	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.2	0.0	0.0	-37.7
5535	638530.33	4873755.39	331.89	0	DEN	4000	42.4	-10.0	0.0	0.0	0.0	64.7	15.8	-2.3	0.0	0.0	7.4	0.0	0.0	-53.2
5535	638530.33	4873755.39	331.89	0	DEN	8000	39.3	-10.0	0.0	0.0	0.0	64.7	56.5	-2.3	0.0	0.0	7.7	0.0	0.0	-97.3
5541	638529.11	4873768.52	332.15	1	DEN	4000	42.4	-18.9	0.0	0.0	0.0	67.6	22.1	-2.9	0.0	0.0	7.7	0.0	2.0	-72.9
5541	638529.11	4873768.52	332.15	1	DEN	8000	39.3	-18.9	0.0	0.0	0.0	67.6	78.7	-2.9	0.0	0.0	7.7	0.0	2.0	-132.6
5547	638754.27	4873486.16	322.73	0	DEN	32	16.0	-13.4	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-64.6
5547	638754.27	4873486.16	322.73	0	DEN	63	24.2	-13.4	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-56.5
5547	638754.27	4873486.16	322.73	0	DEN	125	30.3	-13.4	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-50.5
5547	638754.27	4873486.16	322.73	0	DEN	250	35.8	-13.4	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-45.3
5547	638754.27	4873486.16	322.73	0	DEN	500	41.2	-13.4	0.0	0.0	0.0	62.4	0.7	-1.6	0.0	0.0	6.5	0.0	0.0	-40.3
5547	638754.27	4873486.16	322.73	0	DEN	1000	47.4	-13.4	0.0	0.0	0.0	62.4	1.4	-2.0	0.0	0.0	7.0	0.0	0.0	-34.8
5547	638754.27	4873486.16	322.73	0	DEN	2000	46.6	-13.4	0.0	0.0	0.0	62.4	3.6	-2.0	0.0	0.0	7.3	0.0	0.0	-38.1
5547	638754.27	4873486.16	322.73	0	DEN	4000	42.4	-13.4	0.0	0.0	0.0	62.4	12.2	-2.0	0.0	0.0	7.7	0.0	0.0	-51.3
5547	638754.27	4873486.16	322.73	0	DEN	8000	39.3	-13.4	0.0	0.0	0.0	62.4	43.5	-2.0	0.0	0.0	8.4	0.0	0.0	-86.4
5554	638658.07	4873649.19	328.11	0	DEN	32	16.0	-17.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-68.2
5554	638658.07	4873649.19	328.11	0	DEN	63	24.2	-17.0	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-60.1
5554	638658.07	4873649.19	328.11	0	DEN	125	30.3	-17.0	0.0	0.0	0.0	62.4	0.2	1.0	0.0	0.0	3.9	0.0	0.0	-54.1
5554	638658.07	4873649.19	328.11	0	DEN	250	35.8	-17.0	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-48.9
5554	638658.07	4873649.19	328.11	0	DEN	500	41.2	-17.0	0.0	0.0	0.0	62.4	0.7	-1.7	0.0	0.0	6.7	0.0	0.0	-44.0
5554	638658.07	4873649.19	328.11	0	DEN	1000	47.4	-17.0	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.4	0.0	0.0	-38.7
5554	638658.07	4873649.19	328.11	0	DEN	2000	46.6	-17.0	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.8	0.0	0.0	-42.2
5554	638658.07	4873649.19	328.11	0	DEN	4000	42.4	-17.0	0.0	0.0	0.0	62.4	12.1	-2.1	0.0	0.0	8.7	0.0	0.0	-55.8
5554	638658.07	4873649.19	328.11	0	DEN	8000	39.3	-17.0	0.0	0.0	0.0	62.4	43.3	-2.1	0.0	0.0	10.0	0.0	0.0	-91.3
5561	638661.39	4873648.50	328.06	1	DEN	8000	39.3	-21.5	0.0	0.0	0.0	65.8	64.0	-2.1	0.0	0.0	6.9	0.0	1.0	-117.8
5569	638551.04	4873822.38	330.89	0	DEN	32	16.0	-16.2	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-69.4
5569	638551.04	4873822.38	330.89	0	DEN	63	24.2	-16.2	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-61.2
5569	638551.04	4873822.38	330.89	0	DEN	125	30.3	-16.2	0.0	0.0	0.0	64.4	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-55.3
5569	638551.04	4873822.38	330.89	0	DEN	250	35.8	-16.2	0.0	0.0	0.0	64.4	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-50.1
5569	638551.04	4873822.38	330.89	0	DEN	500	41.2	-16.2	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-45.1
5569	638551.04	4873822.38	330.89	0	DEN	1000	47.4	-16.2	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.1	0.0	0.0	-39.8

Area Source, ISO 9613, Name: "Front end loader - CAT 920", ID: "Ph3_FEL_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5569	638551.04	4873822.38	330.89	0	DEN	2000	46.6	-16.2	0.0	0.0	0.0	64.4	4.5	-2.2	0.0	0.0	7.2	0.0	0.0	-43.5
5569	638551.04	4873822.38	330.89	0	DEN	4000	42.4	-16.2	0.0	0.0	0.0	64.4	15.3	-2.2	0.0	0.0	7.3	0.0	0.0	-58.6
5569	638551.04	4873822.38	330.89	0	DEN	8000	39.3	-16.2	0.0	0.0	0.0	64.4	54.7	-2.2	0.0	0.0	7.7	0.0	0.0	-101.4

Point Source, ISO 9613, Name: "Dewatering Pump - 6 inch, CAT 520", ID: "Ph3_Pump_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5342	638804.96	4873574.17	323.25	0	DEN	63	77.0	0.0	0.0	0.0	0.0	59.8	0.0	-4.0	0.0	0.0	8.9	0.0	0.0	12.3
5342	638804.96	4873574.17	323.25	0	DEN	125	86.0	0.0	0.0	0.0	0.0	59.8	0.1	0.6	0.0	0.0	4.3	0.0	0.0	21.2
5342	638804.96	4873574.17	323.25	0	DEN	250	87.0	0.0	0.0	0.0	0.0	59.8	0.3	2.3	0.0	0.0	2.7	0.0	0.0	21.9
5342	638804.96	4873574.17	323.25	0	DEN	500	89.0	0.0	0.0	0.0	0.0	59.8	0.5	0.5	0.0	0.0	4.8	0.0	0.0	23.4
5342	638804.96	4873574.17	323.25	0	DEN	1000	90.0	0.0	0.0	0.0	0.0	59.8	1.0	-1.6	0.0	0.0	7.4	0.0	0.0	23.4
5342	638804.96	4873574.17	323.25	0	DEN	2000	92.0	0.0	0.0	0.0	0.0	59.8	2.7	-1.9	0.0	0.0	8.6	0.0	0.0	22.9
5342	638804.96	4873574.17	323.25	0	DEN	4000	89.0	0.0	0.0	0.0	0.0	59.8	9.0	-1.9	0.0	0.0	9.9	0.0	0.0	12.2
5342	638804.96	4873574.17	323.25	0	DEN	8000	81.0	0.0	0.0	0.0	0.0	59.8	32.1	-1.9	0.0	0.0	11.7	0.0	0.0	-20.7

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7444	638778.49	4873667.64	326.27	0	D	32	32.8	14.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-16.5
7444	638778.49	4873667.64	326.27	0	D	63	49.2	14.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-0.2
7444	638778.49	4873667.64	326.27	0	D	125	59.0	14.5	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	9.4
7444	638778.49	4873667.64	326.27	0	D	250	61.9	14.5	0.0	0.0	0.0	59.0	0.3	1.7	0.0	0.0	3.6	0.0	0.0	11.9
7444	638778.49	4873667.64	326.27	0	D	500	67.1	14.5	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	16.5
7444	638778.49	4873667.64	326.27	0	D	1000	69.6	14.5	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	8.2	0.0	0.0	17.7
7444	638778.49	4873667.64	326.27	0	D	2000	66.7	14.5	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	9.4	0.0	0.0	12.1
7444	638778.49	4873667.64	326.27	0	D	4000	59.1	14.5	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	11.2	0.0	0.0	-3.1
7444	638778.49	4873667.64	326.27	0	D	8000	50.9	14.5	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	13.4	0.0	0.0	-34.5
7444	638778.49	4873667.64	326.27	0	N	32	-83.0	14.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-132.3
7444	638778.49	4873667.64	326.27	0	N	63	-66.6	14.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-116.0
7444	638778.49	4873667.64	326.27	0	N	125	-56.8	14.5	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-106.4
7444	638778.49	4873667.64	326.27	0	N	250	-53.9	14.5	0.0	0.0	0.0	59.0	0.3	1.7	0.0	0.0	3.6	0.0	0.0	-103.9
7444	638778.49	4873667.64	326.27	0	N	500	-48.7	14.5	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	-99.3
7444	638778.49	4873667.64	326.27	0	N	1000	-46.2	14.5	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	8.2	0.0	0.0	-98.1
7444	638778.49	4873667.64	326.27	0	N	2000	-49.1	14.5	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	9.4	0.0	0.0	-103.7
7444	638778.49	4873667.64	326.27	0	N	4000	-56.7	14.5	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	11.2	0.0	0.0	-118.9
7444	638778.49	4873667.64	326.27	0	N	8000	-64.9	14.5	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	13.4	0.0	0.0	-150.3
7444	638778.49	4873667.64	326.27	0	E	32	32.8	14.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-16.5
7444	638778.49	4873667.64	326.27	0	E	63	49.2	14.5	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-0.2
7444	638778.49	4873667.64	326.27	0	E	125	59.0	14.5	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	9.4
7444	638778.49	4873667.64	326.27	0	E	250	61.9	14.5	0.0	0.0	0.0	59.0	0.3	1.7	0.0	0.0	3.6	0.0	0.0	11.9
7444	638778.49	4873667.64	326.27	0	E	500	67.1	14.5	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	16.5
7444	638778.49	4873667.64	326.27	0	E	1000	69.6	14.5	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	8.2	0.0	0.0	17.7
7444	638778.49	4873667.64	326.27	0	E	2000	66.7	14.5	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	9.4	0.0	0.0	12.1
7444	638778.49	4873667.64	326.27	0	E	4000	59.1	14.5	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	11.2	0.0	0.0	-3.1
7444	638778.49	4873667.64	326.27	0	E	8000	50.9	14.5	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	13.4	0.0	0.0	-34.5
8713	638751.04	4873672.25	326.89	0	D	32	32.8	14.4	0.0	0.0	0.0	59.8	0.0	-3.7	0.0	0.0	8.6	0.0	0.0	-17.4

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8713	638751.04	4873672.25	326.89	0	D	63	49.2	14.4	0.0	0.0	0.0	59.8	0.0	-3.7	0.0	0.0	8.6	0.0	0.0	-1.1
8713	638751.04	4873672.25	326.89	0	D	125	59.0	14.4	0.0	0.0	0.0	59.8	0.1	0.9	0.0	0.0	4.0	0.0	0.0	8.6
8713	638751.04	4873672.25	326.89	0	D	250	61.9	14.4	0.0	0.0	0.0	59.8	0.3	1.5	0.0	0.0	3.6	0.0	0.0	11.1
8713	638751.04	4873672.25	326.89	0	D	500	67.1	14.4	0.0	0.0	0.0	59.8	0.5	-1.3	0.0	0.0	6.8	0.0	0.0	15.7
8713	638751.04	4873672.25	326.89	0	D	1000	69.6	14.4	0.0	0.0	0.0	59.8	1.0	-1.8	0.0	0.0	7.9	0.0	0.0	17.1
8713	638751.04	4873672.25	326.89	0	D	2000	66.7	14.4	0.0	0.0	0.0	59.8	2.7	-1.8	0.0	0.0	8.9	0.0	0.0	11.6
8713	638751.04	4873672.25	326.89	0	D	4000	59.1	14.4	0.0	0.0	0.0	59.8	9.0	-1.8	0.0	0.0	10.4	0.0	0.0	-3.9
8713	638751.04	4873672.25	326.89	0	D	8000	50.9	14.4	0.0	0.0	0.0	59.8	32.1	-1.8	0.0	0.0	12.4	0.0	0.0	-37.2
8713	638751.04	4873672.25	326.89	0	N	32	-83.0	14.4	0.0	0.0	0.0	59.8	0.0	-3.7	0.0	0.0	8.6	0.0	0.0	-133.2
8713	638751.04	4873672.25	326.89	0	N	63	-66.6	14.4	0.0	0.0	0.0	59.8	0.0	-3.7	0.0	0.0	8.6	0.0	0.0	-116.9
8713	638751.04	4873672.25	326.89	0	N	125	-56.8	14.4	0.0	0.0	0.0	59.8	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-107.2
8713	638751.04	4873672.25	326.89	0	N	250	-53.9	14.4	0.0	0.0	0.0	59.8	0.3	1.5	0.0	0.0	3.6	0.0	0.0	-104.7
8713	638751.04	4873672.25	326.89	0	N	500	-48.7	14.4	0.0	0.0	0.0	59.8	0.5	-1.3	0.0	0.0	6.8	0.0	0.0	-100.1
8713	638751.04	4873672.25	326.89	0	N	1000	-46.2	14.4	0.0	0.0	0.0	59.8	1.0	-1.8	0.0	0.0	7.9	0.0	0.0	-98.7
8713	638751.04	4873672.25	326.89	0	N	2000	-49.1	14.4	0.0	0.0	0.0	59.8	2.7	-1.8	0.0	0.0	8.9	0.0	0.0	-104.2
8713	638751.04	4873672.25	326.89	0	N	4000	-56.7	14.4	0.0	0.0	0.0	59.8	9.0	-1.8	0.0	0.0	10.4	0.0	0.0	-119.7
8713	638751.04	4873672.25	326.89	0	N	8000	-64.9	14.4	0.0	0.0	0.0	59.8	32.1	-1.8	0.0	0.0	12.4	0.0	0.0	-153.0
8713	638751.04	4873672.25	326.89	0	E	32	32.8	14.4	0.0	0.0	0.0	59.8	0.0	-3.7	0.0	0.0	8.6	0.0	0.0	-17.4
8713	638751.04	4873672.25	326.89	0	E	63	49.2	14.4	0.0	0.0	0.0	59.8	0.0	-3.7	0.0	0.0	8.6	0.0	0.0	-1.1
8713	638751.04	4873672.25	326.89	0	E	125	59.0	14.4	0.0	0.0	0.0	59.8	0.1	0.9	0.0	0.0	4.0	0.0	0.0	8.6
8713	638751.04	4873672.25	326.89	0	E	250	61.9	14.4	0.0	0.0	0.0	59.8	0.3	1.5	0.0	0.0	3.6	0.0	0.0	11.1
8713	638751.04	4873672.25	326.89	0	E	500	67.1	14.4	0.0	0.0	0.0	59.8	0.5	-1.3	0.0	0.0	6.8	0.0	0.0	15.7
8713	638751.04	4873672.25	326.89	0	E	1000	69.6	14.4	0.0	0.0	0.0	59.8	1.0	-1.8	0.0	0.0	7.9	0.0	0.0	17.1
8713	638751.04	4873672.25	326.89	0	E	2000	66.7	14.4	0.0	0.0	0.0	59.8	2.7	-1.8	0.0	0.0	8.9	0.0	0.0	11.6
8713	638751.04	4873672.25	326.89	0	E	4000	59.1	14.4	0.0	0.0	0.0	59.8	9.0	-1.8	0.0	0.0	10.4	0.0	0.0	-3.9
8713	638751.04	4873672.25	326.89	0	E	8000	50.9	14.4	0.0	0.0	0.0	59.8	32.1	-1.8	0.0	0.0	12.4	0.0	0.0	-37.2
9017	638761.85	4873667.86	326.60	0	D	32	32.8	12.9	0.0	0.0	0.0	59.5	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-18.6
9017	638761.85	4873667.86	326.60	0	D	63	49.2	12.9	0.0	0.0	0.0	59.5	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-2.2
9017	638761.85	4873667.86	326.60	0	D	125	59.0	12.9	0.0	0.0	0.0	59.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	7.4
9017	638761.85	4873667.86	326.60	0	D	250	61.9	12.9	0.0	0.0	0.0	59.5	0.3	1.6	0.0	0.0	3.6	0.0	0.0	9.9
9017	638761.85	4873667.86	326.60	0	D	500	67.1	12.9	0.0	0.0	0.0	59.5	0.5	-1.2	0.0	0.0	6.8	0.0	0.0	14.5
9017	638761.85	4873667.86	326.60	0	D	1000	69.6	12.9	0.0	0.0	0.0	59.5	1.0	-1.7	0.0	0.0	8.0	0.0	0.0	15.8
9017	638761.85	4873667.86	326.60	0	D	2000	66.7	12.9	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	9.1	0.0	0.0	10.2
9017	638761.85	4873667.86	326.60	0	D	4000	59.1	12.9	0.0	0.0	0.0	59.5	8.7	-1.7	0.0	0.0	10.7	0.0	0.0	-5.1
9017	638761.85	4873667.86	326.60	0	D	8000	50.9	12.9	0.0	0.0	0.0	59.5	31.1	-1.7	0.0	0.0	12.8	0.0	0.0	-37.8
9017	638761.85	4873667.86	326.60	0	N	32	-83.0	12.9	0.0	0.0	0.0	59.5	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-134.4
9017	638761.85	4873667.86	326.60	0	N	63	-66.6	12.9	0.0	0.0	0.0	59.5	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-118.0
9017	638761.85	4873667.86	326.60	0	N	125	-56.8	12.9	0.0	0.0	0.0	59.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-108.4
9017	638761.85	4873667.86	326.60	0	N	250	-53.9	12.9	0.0	0.0	0.0	59.5	0.3	1.6	0.0	0.0	3.6	0.0	0.0	-105.9
9017	638761.85	4873667.86	326.60	0	N	500	-48.7	12.9	0.0	0.0	0.0	59.5	0.5	-1.2	0.0	0.0	6.8	0.0	0.0	-101.3
9017	638761.85	4873667.86	326.60	0	N	1000	-46.2	12.9	0.0	0.0	0.0	59.5	1.0	-1.7	0.0	0.0	8.0	0.0	0.0	-100.0
9017	638761.85	4873667.86	326.60	0	N	2000	-49.1	12.9	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	9.1	0.0	0.0	-105.6
9017	638761.85	4873667.86	326.60	0	N	4000	-56.7	12.9	0.0	0.0	0.0	59.5	8.7	-1.7	0.0	0.0	10.7	0.0	0.0	-120.9
9017	638761.85	4873667.86	326.60	0	N	8000	-64.9	12.9	0.0	0.0	0.0	59.5	31.1	-1.7	0.0	0.0	12.8	0.0	0.0	-153.6
9017	638761.85	4873667.86	326.60	0	E	32	32.8	12.9	0.0	0.0	0.0	59.5	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-18.6
9017	638761.85	4873667.86	326.60	0	E	63	49.2	12.9	0.0	0.0	0.0	59.5	0.0	-3.7	0.0	0.0	8.5	0.0	0.0	-2.2

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9017	638761.85	4873667.86	326.60	0	E	125	59.0	12.9	0.0	0.0	0.0	59.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	7.4
9017	638761.85	4873667.86	326.60	0	E	250	61.9	12.9	0.0	0.0	0.0	59.5	0.3	1.6	0.0	0.0	3.6	0.0	0.0	9.9
9017	638761.85	4873667.86	326.60	0	E	500	67.1	12.9	0.0	0.0	0.0	59.5	0.5	-1.2	0.0	0.0	6.8	0.0	0.0	14.5
9017	638761.85	4873667.86	326.60	0	E	1000	69.6	12.9	0.0	0.0	0.0	59.5	1.0	-1.7	0.0	0.0	8.0	0.0	0.0	15.8
9017	638761.85	4873667.86	326.60	0	E	2000	66.7	12.9	0.0	0.0	0.0	59.5	2.6	-1.7	0.0	0.0	9.1	0.0	0.0	10.2
9017	638761.85	4873667.86	326.60	0	E	4000	59.1	12.9	0.0	0.0	0.0	59.5	8.7	-1.7	0.0	0.0	10.7	0.0	0.0	-5.1
9017	638761.85	4873667.86	326.60	0	E	8000	50.9	12.9	0.0	0.0	0.0	59.5	31.1	-1.7	0.0	0.0	12.8	0.0	0.0	-37.8
9064	638778.90	4873665.21	326.22	0	D	32	32.8	11.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-19.3
9064	638778.90	4873665.21	326.22	0	D	63	49.2	11.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-2.9
9064	638778.90	4873665.21	326.22	0	D	125	59.0	11.7	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	6.7
9064	638778.90	4873665.21	326.22	0	D	250	61.9	11.7	0.0	0.0	0.0	59.0	0.3	1.7	0.0	0.0	3.6	0.0	0.0	9.1
9064	638778.90	4873665.21	326.22	0	D	500	67.1	11.7	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	13.7
9064	638778.90	4873665.21	326.22	0	D	1000	69.6	11.7	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	8.2	0.0	0.0	14.9
9064	638778.90	4873665.21	326.22	0	D	2000	66.7	11.7	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	9.5	0.0	0.0	9.3
9064	638778.90	4873665.21	326.22	0	D	4000	59.1	11.7	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	11.2	0.0	0.0	-5.9
9064	638778.90	4873665.21	326.22	0	D	8000	50.9	11.7	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	13.4	0.0	0.0	-37.4
9064	638778.90	4873665.21	326.22	0	N	32	-83.0	11.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-135.1
9064	638778.90	4873665.21	326.22	0	N	63	-66.6	11.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-118.7
9064	638778.90	4873665.21	326.22	0	N	125	-56.8	11.7	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-109.1
9064	638778.90	4873665.21	326.22	0	N	250	-53.9	11.7	0.0	0.0	0.0	59.0	0.3	1.7	0.0	0.0	3.6	0.0	0.0	-106.7
9064	638778.90	4873665.21	326.22	0	N	500	-48.7	11.7	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	-102.1
9064	638778.90	4873665.21	326.22	0	N	1000	-46.2	11.7	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	8.2	0.0	0.0	-100.9
9064	638778.90	4873665.21	326.22	0	N	2000	-49.1	11.7	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	9.5	0.0	0.0	-106.5
9064	638778.90	4873665.21	326.22	0	N	4000	-56.7	11.7	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	11.2	0.0	0.0	-121.7
9064	638778.90	4873665.21	326.22	0	N	8000	-64.9	11.7	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	13.4	0.0	0.0	-153.2
9064	638778.90	4873665.21	326.22	0	E	32	32.8	11.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-19.3
9064	638778.90	4873665.21	326.22	0	E	63	49.2	11.7	0.0	0.0	0.0	59.0	0.0	-3.5	0.0	0.0	8.4	0.0	0.0	-2.9
9064	638778.90	4873665.21	326.22	0	E	125	59.0	11.7	0.0	0.0	0.0	59.0	0.1	1.0	0.0	0.0	4.1	0.0	0.0	6.7
9064	638778.90	4873665.21	326.22	0	E	250	61.9	11.7	0.0	0.0	0.0	59.0	0.3	1.7	0.0	0.0	3.6	0.0	0.0	9.1
9064	638778.90	4873665.21	326.22	0	E	500	67.1	11.7	0.0	0.0	0.0	59.0	0.5	-1.2	0.0	0.0	6.9	0.0	0.0	13.7
9064	638778.90	4873665.21	326.22	0	E	1000	69.6	11.7	0.0	0.0	0.0	59.0	0.9	-1.7	0.0	0.0	8.2	0.0	0.0	14.9
9064	638778.90	4873665.21	326.22	0	E	2000	66.7	11.7	0.0	0.0	0.0	59.0	2.4	-1.7	0.0	0.0	9.5	0.0	0.0	9.3
9064	638778.90	4873665.21	326.22	0	E	4000	59.1	11.7	0.0	0.0	0.0	59.0	8.2	-1.7	0.0	0.0	11.2	0.0	0.0	-5.9
9064	638778.90	4873665.21	326.22	0	E	8000	50.9	11.7	0.0	0.0	0.0	59.0	29.3	-1.7	0.0	0.0	13.4	0.0	0.0	-37.4
9232	638671.11	4873682.50	328.57	0	D	32	32.8	13.8	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-20.0
9232	638671.11	4873682.50	328.57	0	D	63	49.2	13.8	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-3.6
9232	638671.11	4873682.50	328.57	0	D	125	59.0	13.8	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	4.0	0.0	0.0	6.0
9232	638671.11	4873682.50	328.57	0	D	250	61.9	13.8	0.0	0.0	0.0	61.9	0.4	1.3	0.0	0.0	3.6	0.0	0.0	8.6
9232	638671.11	4873682.50	328.57	0	D	500	67.1	13.8	0.0	0.0	0.0	61.9	0.7	-1.5	0.0	0.0	6.6	0.0	0.0	13.4
9232	638671.11	4873682.50	328.57	0	D	1000	69.6	13.8	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	15.0
9232	638671.11	4873682.50	328.57	0	D	2000	66.7	13.8	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.9	0.0	0.0	9.5
9232	638671.11	4873682.50	328.57	0	D	4000	59.1	13.8	0.0	0.0	0.0	61.9	11.5	-2.0	0.0	0.0	8.7	0.0	0.0	-7.0
9232	638671.11	4873682.50	328.57	0	D	8000	50.9	13.8	0.0	0.0	0.0	61.9	40.9	-2.0	0.0	0.0	10.0	0.0	0.0	-46.0
9232	638671.11	4873682.50	328.57	0	N	32	-83.0	13.8	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-135.8
9232	638671.11	4873682.50	328.57	0	N	63	-66.6	13.8	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-119.4
9232	638671.11	4873682.50	328.57	0	N	125	-56.8	13.8	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-109.8

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9232	638671.11	4873682.50	328.57	0	N	250	-53.9	13.8	0.0	0.0	0.0	61.9	0.4	1.3	0.0	0.0	3.6	0.0	0.0	-107.2
9232	638671.11	4873682.50	328.57	0	N	500	-48.7	13.8	0.0	0.0	0.0	61.9	0.7	-1.5	0.0	0.0	6.6	0.0	0.0	-102.4
9232	638671.11	4873682.50	328.57	0	N	1000	-46.2	13.8	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	-100.8
9232	638671.11	4873682.50	328.57	0	N	2000	-49.1	13.8	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.9	0.0	0.0	-106.3
9232	638671.11	4873682.50	328.57	0	N	4000	-56.7	13.8	0.0	0.0	0.0	61.9	11.5	-2.0	0.0	0.0	8.7	0.0	0.0	-122.8
9232	638671.11	4873682.50	328.57	0	N	8000	-64.9	13.8	0.0	0.0	0.0	61.9	40.9	-2.0	0.0	0.0	10.0	0.0	0.0	-161.8
9232	638671.11	4873682.50	328.57	0	E	32	32.8	13.8	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-20.0
9232	638671.11	4873682.50	328.57	0	E	63	49.2	13.8	0.0	0.0	0.0	61.9	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-3.6
9232	638671.11	4873682.50	328.57	0	E	125	59.0	13.8	0.0	0.0	0.0	61.9	0.1	0.9	0.0	0.0	4.0	0.0	0.0	6.0
9232	638671.11	4873682.50	328.57	0	E	250	61.9	13.8	0.0	0.0	0.0	61.9	0.4	1.3	0.0	0.0	3.6	0.0	0.0	8.6
9232	638671.11	4873682.50	328.57	0	E	500	67.1	13.8	0.0	0.0	0.0	61.9	0.7	-1.5	0.0	0.0	6.6	0.0	0.0	13.4
9232	638671.11	4873682.50	328.57	0	E	1000	69.6	13.8	0.0	0.0	0.0	61.9	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	15.0
9232	638671.11	4873682.50	328.57	0	E	2000	66.7	13.8	0.0	0.0	0.0	61.9	3.4	-2.0	0.0	0.0	7.9	0.0	0.0	9.5
9232	638671.11	4873682.50	328.57	0	E	4000	59.1	13.8	0.0	0.0	0.0	61.9	11.5	-2.0	0.0	0.0	8.7	0.0	0.0	-7.0
9232	638671.11	4873682.50	328.57	0	E	8000	50.9	13.8	0.0	0.0	0.0	61.9	40.9	-2.0	0.0	0.0	10.0	0.0	0.0	-46.0
9239	638701.69	4873680.55	328.00	0	D	32	32.8	12.9	0.0	0.0	0.0	61.1	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-20.2
9239	638701.69	4873680.55	328.00	0	D	63	49.2	12.9	0.0	0.0	0.0	61.1	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-3.8
9239	638701.69	4873680.55	328.00	0	D	125	59.0	12.9	0.0	0.0	0.0	61.1	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.8
9239	638701.69	4873680.55	328.00	0	D	250	61.9	12.9	0.0	0.0	0.0	61.1	0.3	1.4	0.0	0.0	3.6	0.0	0.0	8.4
9239	638701.69	4873680.55	328.00	0	D	500	67.1	12.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	13.2
9239	638701.69	4873680.55	328.00	0	D	1000	69.6	12.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	14.7
9239	638701.69	4873680.55	328.00	0	D	2000	66.7	12.9	0.0	0.0	0.0	61.1	3.1	-2.0	0.0	0.0	8.2	0.0	0.0	9.3
9239	638701.69	4873680.55	328.00	0	D	4000	59.1	12.9	0.0	0.0	0.0	61.1	10.5	-2.0	0.0	0.0	9.2	0.0	0.0	-6.8
9239	638701.69	4873680.55	328.00	0	D	8000	50.9	12.9	0.0	0.0	0.0	61.1	37.4	-2.0	0.0	0.0	10.8	0.0	0.0	-43.6
9239	638701.69	4873680.55	328.00	0	N	32	-83.0	12.9	0.0	0.0	0.0	61.1	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-136.0
9239	638701.69	4873680.55	328.00	0	N	63	-66.6	12.9	0.0	0.0	0.0	61.1	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-119.6
9239	638701.69	4873680.55	328.00	0	N	125	-56.8	12.9	0.0	0.0	0.0	61.1	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-109.9
9239	638701.69	4873680.55	328.00	0	N	250	-53.9	12.9	0.0	0.0	0.0	61.1	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-107.4
9239	638701.69	4873680.55	328.00	0	N	500	-48.7	12.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	-102.6
9239	638701.69	4873680.55	328.00	0	N	1000	-46.2	12.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-101.1
9239	638701.69	4873680.55	328.00	0	N	2000	-49.1	12.9	0.0	0.0	0.0	61.1	3.1	-2.0	0.0	0.0	8.2	0.0	0.0	-106.5
9239	638701.69	4873680.55	328.00	0	N	4000	-56.7	12.9	0.0	0.0	0.0	61.1	10.5	-2.0	0.0	0.0	9.2	0.0	0.0	-122.6
9239	638701.69	4873680.55	328.00	0	N	8000	-64.9	12.9	0.0	0.0	0.0	61.1	37.4	-2.0	0.0	0.0	10.8	0.0	0.0	-159.3
9239	638701.69	4873680.55	328.00	0	E	32	32.8	12.9	0.0	0.0	0.0	61.1	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-20.2
9239	638701.69	4873680.55	328.00	0	E	63	49.2	12.9	0.0	0.0	0.0	61.1	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-3.8
9239	638701.69	4873680.55	328.00	0	E	125	59.0	12.9	0.0	0.0	0.0	61.1	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.8
9239	638701.69	4873680.55	328.00	0	E	250	61.9	12.9	0.0	0.0	0.0	61.1	0.3	1.4	0.0	0.0	3.6	0.0	0.0	8.4
9239	638701.69	4873680.55	328.00	0	E	500	67.1	12.9	0.0	0.0	0.0	61.1	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	13.2
9239	638701.69	4873680.55	328.00	0	E	1000	69.6	12.9	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	14.7
9239	638701.69	4873680.55	328.00	0	E	2000	66.7	12.9	0.0	0.0	0.0	61.1	3.1	-2.0	0.0	0.0	8.2	0.0	0.0	9.3
9239	638701.69	4873680.55	328.00	0	E	4000	59.1	12.9	0.0	0.0	0.0	61.1	10.5	-2.0	0.0	0.0	9.2	0.0	0.0	-6.8
9239	638701.69	4873680.55	328.00	0	E	8000	50.9	12.9	0.0	0.0	0.0	61.1	37.4	-2.0	0.0	0.0	10.8	0.0	0.0	-43.6
9246	638698.30	4873681.12	328.08	1	D	8000	50.9	11.1	0.0	0.0	0.0	65.0	58.2	-2.0	0.0	0.0	6.9	0.0	1.0	-67.0
9246	638698.30	4873681.12	328.08	1	N	8000	-64.9	11.1	0.0	0.0	0.0	65.0	58.2	-2.0	0.0	0.0	6.9	0.0	1.0	-182.8
9246	638698.30	4873681.12	328.08	1	E	8000	50.9	11.1	0.0	0.0	0.0	65.0	58.2	-2.0	0.0	0.0	6.9	0.0	1.0	-67.0
9253	638720.03	4873677.47	327.58	0	D	32	32.8	12.5	0.0	0.0	0.0	60.6	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-20.2

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9253	638720.03	4873677.47	327.58	0	D	63	49.2	12.5	0.0	0.0	0.0	60.6	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-3.8
9253	638720.03	4873677.47	327.58	0	D	125	59.0	12.5	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.8
9253	638720.03	4873677.47	327.58	0	D	250	61.9	12.5	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.6	0.0	0.0	8.4
9253	638720.03	4873677.47	327.58	0	D	500	67.1	12.5	0.0	0.0	0.0	60.6	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	13.1
9253	638720.03	4873677.47	327.58	0	D	1000	69.6	12.5	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	14.6
9253	638720.03	4873677.47	327.58	0	D	2000	66.7	12.5	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	9.1
9253	638720.03	4873677.47	327.58	0	D	4000	59.1	12.5	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.6	0.0	0.0	-6.7
9253	638720.03	4873677.47	327.58	0	D	8000	50.9	12.5	0.0	0.0	0.0	60.6	35.5	-1.9	0.0	0.0	11.4	0.0	0.0	-42.2
9253	638720.03	4873677.47	327.58	0	N	32	-83.0	12.5	0.0	0.0	0.0	60.6	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-136.0
9253	638720.03	4873677.47	327.58	0	N	63	-66.6	12.5	0.0	0.0	0.0	60.6	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-119.6
9253	638720.03	4873677.47	327.58	0	N	125	-56.8	12.5	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-110.0
9253	638720.03	4873677.47	327.58	0	N	250	-53.9	12.5	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-107.4
9253	638720.03	4873677.47	327.58	0	N	500	-48.7	12.5	0.0	0.0	0.0	60.6	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	-102.7
9253	638720.03	4873677.47	327.58	0	N	1000	-46.2	12.5	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	-101.2
9253	638720.03	4873677.47	327.58	0	N	2000	-49.1	12.5	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	-106.7
9253	638720.03	4873677.47	327.58	0	N	4000	-56.7	12.5	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.6	0.0	0.0	-122.5
9253	638720.03	4873677.47	327.58	0	N	8000	-64.9	12.5	0.0	0.0	0.0	60.6	35.5	-1.9	0.0	0.0	11.4	0.0	0.0	-158.0
9253	638720.03	4873677.47	327.58	0	E	32	32.8	12.5	0.0	0.0	0.0	60.6	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-20.2
9253	638720.03	4873677.47	327.58	0	E	63	49.2	12.5	0.0	0.0	0.0	60.6	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-3.8
9253	638720.03	4873677.47	327.58	0	E	125	59.0	12.5	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.8
9253	638720.03	4873677.47	327.58	0	E	250	61.9	12.5	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.6	0.0	0.0	8.4
9253	638720.03	4873677.47	327.58	0	E	500	67.1	12.5	0.0	0.0	0.0	60.6	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	13.1
9253	638720.03	4873677.47	327.58	0	E	1000	69.6	12.5	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	14.6
9253	638720.03	4873677.47	327.58	0	E	2000	66.7	12.5	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	9.1
9253	638720.03	4873677.47	327.58	0	E	4000	59.1	12.5	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.6	0.0	0.0	-6.7
9253	638720.03	4873677.47	327.58	0	E	8000	50.9	12.5	0.0	0.0	0.0	60.6	35.5	-1.9	0.0	0.0	11.4	0.0	0.0	-42.2
9261	638798.53	4873667.21	325.93	0	D	32	32.8	10.1	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-20.2
9261	638798.53	4873667.21	325.93	0	D	63	49.2	10.1	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.3	0.0	0.0	-3.9
9261	638798.53	4873667.21	325.93	0	D	125	59.0	10.1	0.0	0.0	0.0	58.3	0.1	1.0	0.0	0.0	4.1	0.0	0.0	5.6
9261	638798.53	4873667.21	325.93	0	D	250	61.9	10.1	0.0	0.0	0.0	58.3	0.2	1.7	0.0	0.0	3.7	0.0	0.0	8.1
9261	638798.53	4873667.21	325.93	0	D	500	67.1	10.1	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	7.0	0.0	0.0	12.5
9261	638798.53	4873667.21	325.93	0	D	1000	69.6	10.1	0.0	0.0	0.0	58.3	0.8	-1.6	0.0	0.0	8.4	0.0	0.0	13.7
9261	638798.53	4873667.21	325.93	0	D	2000	66.7	10.1	0.0	0.0	0.0	58.3	2.2	-1.6	0.0	0.0	9.9	0.0	0.0	8.0
9261	638798.53	4873667.21	325.93	0	D	4000	59.1	10.1	0.0	0.0	0.0	58.3	7.6	-1.6	0.0	0.0	11.8	0.0	0.0	-6.9
9261	638798.53	4873667.21	325.93	0	D	8000	50.9	10.1	0.0	0.0	0.0	58.3	27.1	-1.6	0.0	0.0	14.1	0.0	0.0	-36.9
9261	638798.53	4873667.21	325.93	0	N	32	-83.0	10.1	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-136.0
9261	638798.53	4873667.21	325.93	0	N	63	-66.6	10.1	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.3	0.0	0.0	-119.7
9261	638798.53	4873667.21	325.93	0	N	125	-56.8	10.1	0.0	0.0	0.0	58.3	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-110.2
9261	638798.53	4873667.21	325.93	0	N	250	-53.9	10.1	0.0	0.0	0.0	58.3	0.2	1.7	0.0	0.0	3.7	0.0	0.0	-107.7
9261	638798.53	4873667.21	325.93	0	N	500	-48.7	10.1	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	7.0	0.0	0.0	-103.3
9261	638798.53	4873667.21	325.93	0	N	1000	-46.2	10.1	0.0	0.0	0.0	58.3	0.8	-1.6	0.0	0.0	8.4	0.0	0.0	-102.1
9261	638798.53	4873667.21	325.93	0	N	2000	-49.1	10.1	0.0	0.0	0.0	58.3	2.2	-1.6	0.0	0.0	9.9	0.0	0.0	-107.8
9261	638798.53	4873667.21	325.93	0	N	4000	-56.7	10.1	0.0	0.0	0.0	58.3	7.6	-1.6	0.0	0.0	11.8	0.0	0.0	-122.7
9261	638798.53	4873667.21	325.93	0	N	8000	-64.9	10.1	0.0	0.0	0.0	58.3	27.1	-1.6	0.0	0.0	14.1	0.0	0.0	-152.7
9261	638798.53	4873667.21	325.93	0	E	32	32.8	10.1	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-20.2
9261	638798.53	4873667.21	325.93	0	E	63	49.2	10.1	0.0	0.0	0.0	58.3	0.0	-3.3	0.0	0.0	8.3	0.0	0.0	-3.9

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9261	638798.53	4873667.21	325.93	0	E	125	59.0	10.1	0.0	0.0	0.0	58.3	0.1	1.0	0.0	0.0	4.1	0.0	0.0	5.6
9261	638798.53	4873667.21	325.93	0	E	250	61.9	10.1	0.0	0.0	0.0	58.3	0.2	1.7	0.0	0.0	3.7	0.0	0.0	8.1
9261	638798.53	4873667.21	325.93	0	E	500	67.1	10.1	0.0	0.0	0.0	58.3	0.4	-1.1	0.0	0.0	7.0	0.0	0.0	12.5
9261	638798.53	4873667.21	325.93	0	E	1000	69.6	10.1	0.0	0.0	0.0	58.3	0.8	-1.6	0.0	0.0	8.4	0.0	0.0	13.7
9261	638798.53	4873667.21	325.93	0	E	2000	66.7	10.1	0.0	0.0	0.0	58.3	2.2	-1.6	0.0	0.0	9.9	0.0	0.0	8.0
9261	638798.53	4873667.21	325.93	0	E	4000	59.1	10.1	0.0	0.0	0.0	58.3	7.6	-1.6	0.0	0.0	11.8	0.0	0.0	-6.9
9261	638798.53	4873667.21	325.93	0	E	8000	50.9	10.1	0.0	0.0	0.0	58.3	27.1	-1.6	0.0	0.0	14.1	0.0	0.0	-36.9
9269	638662.16	4873687.04	328.77	0	D	32	32.8	13.7	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-20.4
9269	638662.16	4873687.04	328.77	0	D	63	49.2	13.7	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-4.0
9269	638662.16	4873687.04	328.77	0	D	125	59.0	13.7	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.6
9269	638662.16	4873687.04	328.77	0	D	250	61.9	13.7	0.0	0.0	0.0	62.1	0.4	1.3	0.0	0.0	3.6	0.0	0.0	8.3
9269	638662.16	4873687.04	328.77	0	D	500	67.1	13.7	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	13.0
9269	638662.16	4873687.04	328.77	0	D	1000	69.6	13.7	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	14.6
9269	638662.16	4873687.04	328.77	0	D	2000	66.7	13.7	0.0	0.0	0.0	62.1	3.5	-2.1	0.0	0.0	7.8	0.0	0.0	9.1
9269	638662.16	4873687.04	328.77	0	D	4000	59.1	13.7	0.0	0.0	0.0	62.1	11.7	-2.1	0.0	0.0	8.6	0.0	0.0	-7.5
9269	638662.16	4873687.04	328.77	0	D	8000	50.9	13.7	0.0	0.0	0.0	62.1	41.8	-2.1	0.0	0.0	9.8	0.0	0.0	-47.0
9269	638662.16	4873687.04	328.77	0	N	32	-83.0	13.7	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-136.2
9269	638662.16	4873687.04	328.77	0	N	63	-66.6	13.7	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-119.8
9269	638662.16	4873687.04	328.77	0	N	125	-56.8	13.7	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-110.1
9269	638662.16	4873687.04	328.77	0	N	250	-53.9	13.7	0.0	0.0	0.0	62.1	0.4	1.3	0.0	0.0	3.6	0.0	0.0	-107.5
9269	638662.16	4873687.04	328.77	0	N	500	-48.7	13.7	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-102.8
9269	638662.16	4873687.04	328.77	0	N	1000	-46.2	13.7	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	-101.1
9269	638662.16	4873687.04	328.77	0	N	2000	-49.1	13.7	0.0	0.0	0.0	62.1	3.5	-2.1	0.0	0.0	7.8	0.0	0.0	-106.6
9269	638662.16	4873687.04	328.77	0	N	4000	-56.7	13.7	0.0	0.0	0.0	62.1	11.7	-2.1	0.0	0.0	8.6	0.0	0.0	-123.3
9269	638662.16	4873687.04	328.77	0	N	8000	-64.9	13.7	0.0	0.0	0.0	62.1	41.8	-2.1	0.0	0.0	9.8	0.0	0.0	-162.8
9269	638662.16	4873687.04	328.77	0	E	32	32.8	13.7	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-20.4
9269	638662.16	4873687.04	328.77	0	E	63	49.2	13.7	0.0	0.0	0.0	62.1	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-4.0
9269	638662.16	4873687.04	328.77	0	E	125	59.0	13.7	0.0	0.0	0.0	62.1	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.6
9269	638662.16	4873687.04	328.77	0	E	250	61.9	13.7	0.0	0.0	0.0	62.1	0.4	1.3	0.0	0.0	3.6	0.0	0.0	8.3
9269	638662.16	4873687.04	328.77	0	E	500	67.1	13.7	0.0	0.0	0.0	62.1	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	13.0
9269	638662.16	4873687.04	328.77	0	E	1000	69.6	13.7	0.0	0.0	0.0	62.1	1.3	-2.0	0.0	0.0	7.3	0.0	0.0	14.6
9269	638662.16	4873687.04	328.77	0	E	2000	66.7	13.7	0.0	0.0	0.0	62.1	3.5	-2.1	0.0	0.0	7.8	0.0	0.0	9.1
9269	638662.16	4873687.04	328.77	0	E	4000	59.1	13.7	0.0	0.0	0.0	62.1	11.7	-2.1	0.0	0.0	8.6	0.0	0.0	-7.5
9269	638662.16	4873687.04	328.77	0	E	8000	50.9	13.7	0.0	0.0	0.0	62.1	41.8	-2.1	0.0	0.0	9.8	0.0	0.0	-47.0
9276	638519.27	4873795.60	331.88	0	D	32	32.8	16.6	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-20.3
9276	638519.27	4873795.60	331.88	0	D	63	49.2	16.6	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-3.9
9276	638519.27	4873795.60	331.88	0	D	125	59.0	16.6	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.6	0.0	0.0	5.7
9276	638519.27	4873795.60	331.88	0	D	250	61.9	16.6	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	8.3
9276	638519.27	4873795.60	331.88	0	D	500	67.1	16.6	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	13.0
9276	638519.27	4873795.60	331.88	0	D	1000	69.6	16.6	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	14.7
9276	638519.27	4873795.60	331.88	0	D	2000	66.7	16.6	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	8.7
9276	638519.27	4873795.60	331.88	0	D	4000	59.1	16.6	0.0	0.0	0.0	64.9	16.3	-2.3	0.0	0.0	7.3	0.0	0.0	-10.5
9276	638519.27	4873795.60	331.88	0	D	8000	50.9	16.6	0.0	0.0	0.0	64.9	58.0	-2.3	0.0	0.0	7.6	0.0	0.0	-60.7
9276	638519.27	4873795.60	331.88	0	N	32	-83.0	16.6	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-136.1
9276	638519.27	4873795.60	331.88	0	N	63	-66.6	16.6	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-119.7
9276	638519.27	4873795.60	331.88	0	N	125	-56.8	16.6	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-110.1

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9276	638519.27	4873795.60	331.88	0	N	250	-53.9	16.6	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-107.5
9276	638519.27	4873795.60	331.88	0	N	500	-48.7	16.6	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-102.8
9276	638519.27	4873795.60	331.88	0	N	1000	-46.2	16.6	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-101.1
9276	638519.27	4873795.60	331.88	0	N	2000	-49.1	16.6	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-107.1
9276	638519.27	4873795.60	331.88	0	N	4000	-56.7	16.6	0.0	0.0	0.0	64.9	16.3	-2.3	0.0	0.0	7.3	0.0	0.0	-126.3
9276	638519.27	4873795.60	331.88	0	N	8000	-64.9	16.6	0.0	0.0	0.0	64.9	58.0	-2.3	0.0	0.0	7.6	0.0	0.0	-176.5
9276	638519.27	4873795.60	331.88	0	E	32	32.8	16.6	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-20.3
9276	638519.27	4873795.60	331.88	0	E	63	49.2	16.6	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-3.9
9276	638519.27	4873795.60	331.88	0	E	125	59.0	16.6	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.6	0.0	0.0	5.7
9276	638519.27	4873795.60	331.88	0	E	250	61.9	16.6	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	8.3
9276	638519.27	4873795.60	331.88	0	E	500	67.1	16.6	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	13.0
9276	638519.27	4873795.60	331.88	0	E	1000	69.6	16.6	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	14.7
9276	638519.27	4873795.60	331.88	0	E	2000	66.7	16.6	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	8.7
9276	638519.27	4873795.60	331.88	0	E	4000	59.1	16.6	0.0	0.0	0.0	64.9	16.3	-2.3	0.0	0.0	7.3	0.0	0.0	-10.5
9276	638519.27	4873795.60	331.88	0	E	8000	50.9	16.6	0.0	0.0	0.0	64.9	58.0	-2.3	0.0	0.0	7.6	0.0	0.0	-60.7
9284	638519.02	4873806.28	331.68	1	D	4000	59.1	13.8	0.0	0.0	0.0	67.0	20.7	-2.7	0.0	0.0	8.2	0.0	2.0	-22.2
9284	638519.02	4873806.28	331.68	1	D	8000	50.9	13.8	0.0	0.0	0.0	67.0	73.8	-2.7	0.0	0.0	8.8	0.0	2.0	-84.2
9284	638519.02	4873806.28	331.68	1	N	4000	-56.7	13.8	0.0	0.0	0.0	67.0	20.7	-2.7	0.0	0.0	8.2	0.0	2.0	-138.0
9284	638519.02	4873806.28	331.68	1	N	8000	-64.9	13.8	0.0	0.0	0.0	67.0	73.8	-2.7	0.0	0.0	8.8	0.0	2.0	-200.0
9284	638519.02	4873806.28	331.68	1	E	4000	59.1	13.8	0.0	0.0	0.0	67.0	20.7	-2.7	0.0	0.0	8.2	0.0	2.0	-22.2
9284	638519.02	4873806.28	331.68	1	E	8000	50.9	13.8	0.0	0.0	0.0	67.0	73.8	-2.7	0.0	0.0	8.8	0.0	2.0	-84.2
9290	638519.47	4873786.44	332.05	1	D	4000	59.1	14.3	0.0	0.0	0.0	67.4	21.5	-2.8	0.0	0.0	7.6	0.0	2.0	-22.2
9290	638519.47	4873786.44	332.05	1	D	8000	50.9	14.3	0.0	0.0	0.0	67.4	76.8	-2.8	0.0	0.0	7.7	0.0	2.0	-85.7
9290	638519.47	4873786.44	332.05	1	N	4000	-56.7	14.3	0.0	0.0	0.0	67.4	21.5	-2.8	0.0	0.0	7.6	0.0	2.0	-138.0
9290	638519.47	4873786.44	332.05	1	N	8000	-64.9	14.3	0.0	0.0	0.0	67.4	76.8	-2.8	0.0	0.0	7.7	0.0	2.0	-201.5
9290	638519.47	4873786.44	332.05	1	E	4000	59.1	14.3	0.0	0.0	0.0	67.4	21.5	-2.8	0.0	0.0	7.6	0.0	2.0	-22.2
9290	638519.47	4873786.44	332.05	1	E	8000	50.9	14.3	0.0	0.0	0.0	67.4	76.8	-2.8	0.0	0.0	7.7	0.0	2.0	-85.7
9297	638745.31	4873670.43	326.96	0	D	32	32.8	11.4	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-20.5
9297	638745.31	4873670.43	326.96	0	D	63	49.2	11.4	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.7	0.0	0.0	-4.2
9297	638745.31	4873670.43	326.96	0	D	125	59.0	11.4	0.0	0.0	0.0	60.0	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.4
9297	638745.31	4873670.43	326.96	0	D	250	61.9	11.4	0.0	0.0	0.0	60.0	0.3	1.5	0.0	0.0	3.6	0.0	0.0	8.0
9297	638745.31	4873670.43	326.96	0	D	500	67.1	11.4	0.0	0.0	0.0	60.0	0.5	-1.3	0.0	0.0	6.8	0.0	0.0	12.6
9297	638745.31	4873670.43	326.96	0	D	1000	69.6	11.4	0.0	0.0	0.0	60.0	1.0	-1.8	0.0	0.0	7.8	0.0	0.0	14.0
9297	638745.31	4873670.43	326.96	0	D	2000	66.7	11.4	0.0	0.0	0.0	60.0	2.7	-1.8	0.0	0.0	8.8	0.0	0.0	8.5
9297	638745.31	4873670.43	326.96	0	D	4000	59.1	11.4	0.0	0.0	0.0	60.0	9.2	-1.8	0.0	0.0	10.3	0.0	0.0	-7.1
9297	638745.31	4873670.43	326.96	0	D	8000	50.9	11.4	0.0	0.0	0.0	60.0	32.8	-1.8	0.0	0.0	12.2	0.0	0.0	-40.9
9297	638745.31	4873670.43	326.96	0	N	32	-83.0	11.4	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-136.3
9297	638745.31	4873670.43	326.96	0	N	63	-66.6	11.4	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.7	0.0	0.0	-120.0
9297	638745.31	4873670.43	326.96	0	N	125	-56.8	11.4	0.0	0.0	0.0	60.0	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-110.4
9297	638745.31	4873670.43	326.96	0	N	250	-53.9	11.4	0.0	0.0	0.0	60.0	0.3	1.5	0.0	0.0	3.6	0.0	0.0	-107.8
9297	638745.31	4873670.43	326.96	0	N	500	-48.7	11.4	0.0	0.0	0.0	60.0	0.5	-1.3	0.0	0.0	6.8	0.0	0.0	-103.2
9297	638745.31	4873670.43	326.96	0	N	1000	-46.2	11.4	0.0	0.0	0.0	60.0	1.0	-1.8	0.0	0.0	7.8	0.0	0.0	-101.8
9297	638745.31	4873670.43	326.96	0	N	2000	-49.1	11.4	0.0	0.0	0.0	60.0	2.7	-1.8	0.0	0.0	8.8	0.0	0.0	-107.3
9297	638745.31	4873670.43	326.96	0	N	4000	-56.7	11.4	0.0	0.0	0.0	60.0	9.2	-1.8	0.0	0.0	10.3	0.0	0.0	-122.9
9297	638745.31	4873670.43	326.96	0	N	8000	-64.9	11.4	0.0	0.0	0.0	60.0	32.8	-1.8	0.0	0.0	12.2	0.0	0.0	-156.7
9297	638745.31	4873670.43	326.96	0	E	32	32.8	11.4	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.6	0.0	0.0	-20.5

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9297	638745.31	4873670.43	326.96	0	E	63	49.2	11.4	0.0	0.0	0.0	60.0	0.0	-3.8	0.0	0.0	8.7	0.0	0.0	-4.2
9297	638745.31	4873670.43	326.96	0	E	125	59.0	11.4	0.0	0.0	0.0	60.0	0.1	0.9	0.0	0.0	4.0	0.0	0.0	5.4
9297	638745.31	4873670.43	326.96	0	E	250	61.9	11.4	0.0	0.0	0.0	60.0	0.3	1.5	0.0	0.0	3.6	0.0	0.0	8.0
9297	638745.31	4873670.43	326.96	0	E	500	67.1	11.4	0.0	0.0	0.0	60.0	0.5	-1.3	0.0	0.0	6.8	0.0	0.0	12.6
9297	638745.31	4873670.43	326.96	0	E	1000	69.6	11.4	0.0	0.0	0.0	60.0	1.0	-1.8	0.0	0.0	7.8	0.0	0.0	14.0
9297	638745.31	4873670.43	326.96	0	E	2000	66.7	11.4	0.0	0.0	0.0	60.0	2.7	-1.8	0.0	0.0	8.8	0.0	0.0	8.5
9297	638745.31	4873670.43	326.96	0	E	4000	59.1	11.4	0.0	0.0	0.0	60.0	9.2	-1.8	0.0	0.0	10.3	0.0	0.0	-7.1
9297	638745.31	4873670.43	326.96	0	E	8000	50.9	11.4	0.0	0.0	0.0	60.0	32.8	-1.8	0.0	0.0	12.2	0.0	0.0	-40.9
9307	638812.77	4873664.23	325.77	0	D	32	32.8	9.2	0.0	0.0	0.0	57.8	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-20.7
9307	638812.77	4873664.23	325.77	0	D	63	49.2	9.2	0.0	0.0	0.0	57.8	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-4.4
9307	638812.77	4873664.23	325.77	0	D	125	59.0	9.2	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	4.1	0.0	0.0	5.2
9307	638812.77	4873664.23	325.77	0	D	250	61.9	9.2	0.0	0.0	0.0	57.8	0.2	1.8	0.0	0.0	3.6	0.0	0.0	7.6
9307	638812.77	4873664.23	325.77	0	D	500	67.1	9.2	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	12.0
9307	638812.77	4873664.23	325.77	0	D	1000	69.6	9.2	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	13.2
9307	638812.77	4873664.23	325.77	0	D	2000	66.7	9.2	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	10.0	0.0	0.0	7.5
9307	638812.77	4873664.23	325.77	0	D	4000	59.1	9.2	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	11.9	0.0	0.0	-7.1
9307	638812.77	4873664.23	325.77	0	D	8000	50.9	9.2	0.0	0.0	0.0	57.8	25.7	-1.5	0.0	0.0	14.3	0.0	0.0	-36.2
9307	638812.77	4873664.23	325.77	0	N	32	-83.0	9.2	0.0	0.0	0.0	57.8	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-136.5
9307	638812.77	4873664.23	325.77	0	N	63	-66.6	9.2	0.0	0.0	0.0	57.8	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-120.2
9307	638812.77	4873664.23	325.77	0	N	125	-56.8	9.2	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	4.1	0.0	0.0	-110.6
9307	638812.77	4873664.23	325.77	0	N	250	-53.9	9.2	0.0	0.0	0.0	57.8	0.2	1.8	0.0	0.0	3.6	0.0	0.0	-108.2
9307	638812.77	4873664.23	325.77	0	N	500	-48.7	9.2	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	-103.8
9307	638812.77	4873664.23	325.77	0	N	1000	-46.2	9.2	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	-102.6
9307	638812.77	4873664.23	325.77	0	N	2000	-49.1	9.2	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	10.0	0.0	0.0	-108.3
9307	638812.77	4873664.23	325.77	0	N	4000	-56.7	9.2	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	11.9	0.0	0.0	-122.9
9307	638812.77	4873664.23	325.77	0	N	8000	-64.9	9.2	0.0	0.0	0.0	57.8	25.7	-1.5	0.0	0.0	14.3	0.0	0.0	-152.0
9307	638812.77	4873664.23	325.77	0	E	32	32.8	9.2	0.0	0.0	0.0	57.8	0.0	-3.2	0.0	0.0	8.0	0.0	0.0	-20.7
9307	638812.77	4873664.23	325.77	0	E	63	49.2	9.2	0.0	0.0	0.0	57.8	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-4.4
9307	638812.77	4873664.23	325.77	0	E	125	59.0	9.2	0.0	0.0	0.0	57.8	0.1	1.1	0.0	0.0	4.1	0.0	0.0	5.2
9307	638812.77	4873664.23	325.77	0	E	250	61.9	9.2	0.0	0.0	0.0	57.8	0.2	1.8	0.0	0.0	3.6	0.0	0.0	7.6
9307	638812.77	4873664.23	325.77	0	E	500	67.1	9.2	0.0	0.0	0.0	57.8	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	12.0
9307	638812.77	4873664.23	325.77	0	E	1000	69.6	9.2	0.0	0.0	0.0	57.8	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	13.2
9307	638812.77	4873664.23	325.77	0	E	2000	66.7	9.2	0.0	0.0	0.0	57.8	2.1	-1.5	0.0	0.0	10.0	0.0	0.0	7.5
9307	638812.77	4873664.23	325.77	0	E	4000	59.1	9.2	0.0	0.0	0.0	57.8	7.2	-1.5	0.0	0.0	11.9	0.0	0.0	-7.1
9307	638812.77	4873664.23	325.77	0	E	8000	50.9	9.2	0.0	0.0	0.0	57.8	25.7	-1.5	0.0	0.0	14.3	0.0	0.0	-36.2
9330	638807.83	4873668.58	325.88	0	D	32	32.8	8.2	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-21.7
9330	638807.83	4873668.58	325.88	0	D	63	49.2	8.2	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.2	0.0	0.0	-5.5
9330	638807.83	4873668.58	325.88	0	D	125	59.0	8.2	0.0	0.0	0.0	58.0	0.1	1.1	0.0	0.0	4.1	0.0	0.0	4.1
9330	638807.83	4873668.58	325.88	0	D	250	61.9	8.2	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.7	0.0	0.0	6.5
9330	638807.83	4873668.58	325.88	0	D	500	67.1	8.2	0.0	0.0	0.0	58.0	0.4	-1.0	0.0	0.0	7.1	0.0	0.0	11.0
9330	638807.83	4873668.58	325.88	0	D	1000	69.6	8.2	0.0	0.0	0.0	58.0	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	12.1
9330	638807.83	4873668.58	325.88	0	D	2000	66.7	8.2	0.0	0.0	0.0	58.0	2.2	-1.5	0.0	0.0	10.0	0.0	0.0	6.4
9330	638807.83	4873668.58	325.88	0	D	4000	59.1	8.2	0.0	0.0	0.0	58.0	7.3	-1.5	0.0	0.0	12.0	0.0	0.0	-8.3
9330	638807.83	4873668.58	325.88	0	D	8000	50.9	8.2	0.0	0.0	0.0	58.0	26.0	-1.5	0.0	0.0	14.4	0.0	0.0	-37.6
9330	638807.83	4873668.58	325.88	0	N	32	-83.0	8.2	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-137.5
9330	638807.83	4873668.58	325.88	0	N	63	-66.6	8.2	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.2	0.0	0.0	-121.3

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9330	638807.83	4873668.58	325.88	0	N	125	-56.8	8.2	0.0	0.0	0.0	58.0	0.1	1.1	0.0	0.0	4.1	0.0	0.0	-111.7
9330	638807.83	4873668.58	325.88	0	N	250	-53.9	8.2	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.7	0.0	0.0	-109.3
9330	638807.83	4873668.58	325.88	0	N	500	-48.7	8.2	0.0	0.0	0.0	58.0	0.4	-1.0	0.0	0.0	7.1	0.0	0.0	-104.8
9330	638807.83	4873668.58	325.88	0	N	1000	-46.2	8.2	0.0	0.0	0.0	58.0	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	-103.7
9330	638807.83	4873668.58	325.88	0	N	2000	-49.1	8.2	0.0	0.0	0.0	58.0	2.2	-1.5	0.0	0.0	10.0	0.0	0.0	-109.4
9330	638807.83	4873668.58	325.88	0	N	4000	-56.7	8.2	0.0	0.0	0.0	58.0	7.3	-1.5	0.0	0.0	12.0	0.0	0.0	-124.1
9330	638807.83	4873668.58	325.88	0	N	8000	-64.9	8.2	0.0	0.0	0.0	58.0	26.0	-1.5	0.0	0.0	14.4	0.0	0.0	-153.4
9330	638807.83	4873668.58	325.88	0	E	32	32.8	8.2	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-21.7
9330	638807.83	4873668.58	325.88	0	E	63	49.2	8.2	0.0	0.0	0.0	58.0	0.0	-3.2	0.0	0.0	8.2	0.0	0.0	-5.5
9330	638807.83	4873668.58	325.88	0	E	125	59.0	8.2	0.0	0.0	0.0	58.0	0.1	1.1	0.0	0.0	4.1	0.0	0.0	4.1
9330	638807.83	4873668.58	325.88	0	E	250	61.9	8.2	0.0	0.0	0.0	58.0	0.2	1.8	0.0	0.0	3.7	0.0	0.0	6.5
9330	638807.83	4873668.58	325.88	0	E	500	67.1	8.2	0.0	0.0	0.0	58.0	0.4	-1.0	0.0	0.0	7.1	0.0	0.0	11.0
9330	638807.83	4873668.58	325.88	0	E	1000	69.6	8.2	0.0	0.0	0.0	58.0	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	12.1
9330	638807.83	4873668.58	325.88	0	E	2000	66.7	8.2	0.0	0.0	0.0	58.0	2.2	-1.5	0.0	0.0	10.0	0.0	0.0	6.4
9330	638807.83	4873668.58	325.88	0	E	4000	59.1	8.2	0.0	0.0	0.0	58.0	7.3	-1.5	0.0	0.0	12.0	0.0	0.0	-8.3
9330	638807.83	4873668.58	325.88	0	E	8000	50.9	8.2	0.0	0.0	0.0	58.0	26.0	-1.5	0.0	0.0	14.4	0.0	0.0	-37.6
9335	638803.85	4873669.25	325.92	0	D	32	32.8	1.5	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-28.7
9335	638803.85	4873669.25	325.92	0	D	63	49.2	1.5	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-12.4
9335	638803.85	4873669.25	325.92	0	D	125	59.0	1.5	0.0	0.0	0.0	58.1	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-2.8
9335	638803.85	4873669.25	325.92	0	D	250	61.9	1.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.7	0.0	0.0	-0.4
9335	638803.85	4873669.25	325.92	0	D	500	67.1	1.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	7.1	0.0	0.0	4.1
9335	638803.85	4873669.25	325.92	0	D	1000	69.6	1.5	0.0	0.0	0.0	58.1	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	5.2
9335	638803.85	4873669.25	325.92	0	D	2000	66.7	1.5	0.0	0.0	0.0	58.1	2.2	-1.5	0.0	0.0	10.0	0.0	0.0	-0.5
9335	638803.85	4873669.25	325.92	0	D	4000	59.1	1.5	0.0	0.0	0.0	58.1	7.4	-1.5	0.0	0.0	11.9	0.0	0.0	-15.3
9335	638803.85	4873669.25	325.92	0	D	8000	50.9	1.5	0.0	0.0	0.0	58.1	26.4	-1.5	0.0	0.0	14.3	0.0	0.0	-44.9
9335	638803.85	4873669.25	325.92	0	N	32	-83.0	1.5	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-144.5
9335	638803.85	4873669.25	325.92	0	N	63	-66.6	1.5	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-128.2
9335	638803.85	4873669.25	325.92	0	N	125	-56.8	1.5	0.0	0.0	0.0	58.1	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-118.6
9335	638803.85	4873669.25	325.92	0	N	250	-53.9	1.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.7	0.0	0.0	-116.2
9335	638803.85	4873669.25	325.92	0	N	500	-48.7	1.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	7.1	0.0	0.0	-111.7
9335	638803.85	4873669.25	325.92	0	N	1000	-46.2	1.5	0.0	0.0	0.0	58.1	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	-110.6
9335	638803.85	4873669.25	325.92	0	N	2000	-49.1	1.5	0.0	0.0	0.0	58.1	2.2	-1.5	0.0	0.0	10.0	0.0	0.0	-116.3
9335	638803.85	4873669.25	325.92	0	N	4000	-56.7	1.5	0.0	0.0	0.0	58.1	7.4	-1.5	0.0	0.0	11.9	0.0	0.0	-131.1
9335	638803.85	4873669.25	325.92	0	N	8000	-64.9	1.5	0.0	0.0	0.0	58.1	26.4	-1.5	0.0	0.0	14.3	0.0	0.0	-160.7
9335	638803.85	4873669.25	325.92	0	E	32	32.8	1.5	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-28.7
9335	638803.85	4873669.25	325.92	0	E	63	49.2	1.5	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-12.4
9335	638803.85	4873669.25	325.92	0	E	125	59.0	1.5	0.0	0.0	0.0	58.1	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-2.8
9335	638803.85	4873669.25	325.92	0	E	250	61.9	1.5	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.7	0.0	0.0	-0.4
9335	638803.85	4873669.25	325.92	0	E	500	67.1	1.5	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	7.1	0.0	0.0	4.1
9335	638803.85	4873669.25	325.92	0	E	1000	69.6	1.5	0.0	0.0	0.0	58.1	0.8	-1.5	0.0	0.0	8.5	0.0	0.0	5.2
9335	638803.85	4873669.25	325.92	0	E	2000	66.7	1.5	0.0	0.0	0.0	58.1	2.2	-1.5	0.0	0.0	10.0	0.0	0.0	-0.5
9335	638803.85	4873669.25	325.92	0	E	4000	59.1	1.5	0.0	0.0	0.0	58.1	7.4	-1.5	0.0	0.0	11.9	0.0	0.0	-15.3
9335	638803.85	4873669.25	325.92	0	E	8000	50.9	1.5	0.0	0.0	0.0	58.1	26.4	-1.5	0.0	0.0	14.3	0.0	0.0	-44.9
9340	638592.52	4873700.94	329.81	0	D	32	32.8	14.5	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.0
9340	638592.52	4873700.94	329.81	0	D	63	49.2	14.5	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-4.7
9340	638592.52	4873700.94	329.81	0	D	125	59.0	14.5	0.0	0.0	0.0	63.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	5.0

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9340	638592.52	4873700.94	329.81	0	D	250	61.9	14.5	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	7.6
9340	638592.52	4873700.94	329.81	0	D	500	67.1	14.5	0.0	0.0	0.0	63.6	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	12.3
9340	638592.52	4873700.94	329.81	0	D	1000	69.6	14.5	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	14.0
9340	638592.52	4873700.94	329.81	0	D	2000	66.7	14.5	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.4	0.0	0.0	8.3
9340	638592.52	4873700.94	329.81	0	D	4000	59.1	14.5	0.0	0.0	0.0	63.6	13.9	-2.2	0.0	0.0	7.9	0.0	0.0	-9.5
9340	638592.52	4873700.94	329.81	0	D	8000	50.9	14.5	0.0	0.0	0.0	63.6	49.6	-2.2	0.0	0.0	8.6	0.0	0.0	-54.2
9340	638592.52	4873700.94	329.81	0	N	32	-83.0	14.5	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-136.8
9340	638592.52	4873700.94	329.81	0	N	63	-66.6	14.5	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-120.5
9340	638592.52	4873700.94	329.81	0	N	125	-56.8	14.5	0.0	0.0	0.0	63.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-110.8
9340	638592.52	4873700.94	329.81	0	N	250	-53.9	14.5	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-108.2
9340	638592.52	4873700.94	329.81	0	N	500	-48.7	14.5	0.0	0.0	0.0	63.6	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-103.4
9340	638592.52	4873700.94	329.81	0	N	1000	-46.2	14.5	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	-101.8
9340	638592.52	4873700.94	329.81	0	N	2000	-49.1	14.5	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.4	0.0	0.0	-107.5
9340	638592.52	4873700.94	329.81	0	N	4000	-56.7	14.5	0.0	0.0	0.0	63.6	13.9	-2.2	0.0	0.0	7.9	0.0	0.0	-125.3
9340	638592.52	4873700.94	329.81	0	N	8000	-64.9	14.5	0.0	0.0	0.0	63.6	49.6	-2.2	0.0	0.0	8.6	0.0	0.0	-170.0
9340	638592.52	4873700.94	329.81	0	E	32	32.8	14.5	0.0	0.0	0.0	63.6	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.0
9340	638592.52	4873700.94	329.81	0	E	63	49.2	14.5	0.0	0.0	0.0	63.6	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-4.7
9340	638592.52	4873700.94	329.81	0	E	125	59.0	14.5	0.0	0.0	0.0	63.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	5.0
9340	638592.52	4873700.94	329.81	0	E	250	61.9	14.5	0.0	0.0	0.0	63.6	0.4	1.1	0.0	0.0	3.7	0.0	0.0	7.6
9340	638592.52	4873700.94	329.81	0	E	500	67.1	14.5	0.0	0.0	0.0	63.6	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	12.3
9340	638592.52	4873700.94	329.81	0	E	1000	69.6	14.5	0.0	0.0	0.0	63.6	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	14.0
9340	638592.52	4873700.94	329.81	0	E	2000	66.7	14.5	0.0	0.0	0.0	63.6	4.1	-2.2	0.0	0.0	7.4	0.0	0.0	8.3
9340	638592.52	4873700.94	329.81	0	E	4000	59.1	14.5	0.0	0.0	0.0	63.6	13.9	-2.2	0.0	0.0	7.9	0.0	0.0	-9.5
9340	638592.52	4873700.94	329.81	0	E	8000	50.9	14.5	0.0	0.0	0.0	63.6	49.6	-2.2	0.0	0.0	8.6	0.0	0.0	-54.2
9397	638513.61	4873793.51	331.96	0	D	32	32.8	15.7	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-21.3
9397	638513.61	4873793.51	331.96	0	D	63	49.2	15.7	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-4.9
9397	638513.61	4873793.51	331.96	0	D	125	59.0	15.7	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	4.7
9397	638513.61	4873793.51	331.96	0	D	250	61.9	15.7	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	7.3
9397	638513.61	4873793.51	331.96	0	D	500	67.1	15.7	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	12.0
9397	638513.61	4873793.51	331.96	0	D	1000	69.6	15.7	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	13.6
9397	638513.61	4873793.51	331.96	0	D	2000	66.7	15.7	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	7.7
9397	638513.61	4873793.51	331.96	0	D	4000	59.1	15.7	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-11.6
9397	638513.61	4873793.51	331.96	0	D	8000	50.9	15.7	0.0	0.0	0.0	65.0	58.6	-2.3	0.0	0.0	7.5	0.0	0.0	-62.3
9397	638513.61	4873793.51	331.96	0	N	32	-83.0	15.7	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-137.1
9397	638513.61	4873793.51	331.96	0	N	63	-66.6	15.7	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-120.7
9397	638513.61	4873793.51	331.96	0	N	125	-56.8	15.7	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-111.1
9397	638513.61	4873793.51	331.96	0	N	250	-53.9	15.7	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-108.5
9397	638513.61	4873793.51	331.96	0	N	500	-48.7	15.7	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-103.8
9397	638513.61	4873793.51	331.96	0	N	1000	-46.2	15.7	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-102.1
9397	638513.61	4873793.51	331.96	0	N	2000	-49.1	15.7	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-108.1
9397	638513.61	4873793.51	331.96	0	N	4000	-56.7	15.7	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-127.4
9397	638513.61	4873793.51	331.96	0	N	8000	-64.9	15.7	0.0	0.0	0.0	65.0	58.6	-2.3	0.0	0.0	7.5	0.0	0.0	-178.1
9397	638513.61	4873793.51	331.96	0	E	32	32.8	15.7	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-21.3
9397	638513.61	4873793.51	331.96	0	E	63	49.2	15.7	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-4.9
9397	638513.61	4873793.51	331.96	0	E	125	59.0	15.7	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	4.7
9397	638513.61	4873793.51	331.96	0	E	250	61.9	15.7	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	7.3

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9397	638513.61	4873793.51	331.96	0	E	500	67.1	15.7	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	12.0
9397	638513.61	4873793.51	331.96	0	E	1000	69.6	15.7	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	13.6
9397	638513.61	4873793.51	331.96	0	E	2000	66.7	15.7	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	7.7
9397	638513.61	4873793.51	331.96	0	E	4000	59.1	15.7	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-11.6
9397	638513.61	4873793.51	331.96	0	E	8000	50.9	15.7	0.0	0.0	0.0	65.0	58.6	-2.3	0.0	0.0	7.5	0.0	0.0	-62.3
9405	638513.29	4873799.20	331.86	1	D	4000	59.1	14.1	0.0	0.0	0.0	67.1	21.0	-2.7	0.0	0.0	8.1	0.0	2.0	-22.3
9405	638513.29	4873799.20	331.86	1	D	8000	50.9	14.1	0.0	0.0	0.0	67.1	74.9	-2.7	0.0	0.0	8.1	0.0	2.0	-84.9
9405	638513.29	4873799.20	331.86	1	N	4000	-56.7	14.1	0.0	0.0	0.0	67.1	21.0	-2.7	0.0	0.0	8.1	0.0	2.0	-138.1
9405	638513.29	4873799.20	331.86	1	N	8000	-64.9	14.1	0.0	0.0	0.0	67.1	74.9	-2.7	0.0	0.0	8.6	0.0	2.0	-200.7
9405	638513.29	4873799.20	331.86	1	E	4000	59.1	14.1	0.0	0.0	0.0	67.1	21.0	-2.7	0.0	0.0	8.1	0.0	2.0	-22.3
9405	638513.29	4873799.20	331.86	1	E	8000	50.9	14.1	0.0	0.0	0.0	67.1	74.9	-2.7	0.0	0.0	8.6	0.0	2.0	-84.9
9412	638513.08	4873802.85	331.79	1	D	4000	59.1	12.6	0.0	0.0	0.0	67.4	21.5	-2.7	0.0	0.0	15.5	0.0	2.0	-31.9
9412	638513.08	4873802.85	331.79	1	D	8000	50.9	12.6	0.0	0.0	0.0	67.4	76.8	-2.7	0.0	0.0	18.1	0.0	2.0	-98.0
9412	638513.08	4873802.85	331.79	1	N	4000	-56.7	12.6	0.0	0.0	0.0	67.4	21.5	-2.7	0.0	0.0	15.5	0.0	2.0	-147.7
9412	638513.08	4873802.85	331.79	1	N	8000	-64.9	12.6	0.0	0.0	0.0	67.4	76.8	-2.7	0.0	0.0	18.1	0.0	2.0	-213.8
9412	638513.08	4873802.85	331.79	1	E	4000	59.1	12.6	0.0	0.0	0.0	67.4	21.5	-2.7	0.0	0.0	15.5	0.0	2.0	-31.9
9412	638513.08	4873802.85	331.79	1	E	8000	50.9	12.6	0.0	0.0	0.0	67.4	76.8	-2.7	0.0	0.0	18.1	0.0	2.0	-98.0
9418	638514.66	4873775.09	332.30	1	D	4000	59.1	-8.6	0.0	0.0	0.0	67.5	21.9	-2.7	0.0	0.0	7.5	0.0	2.0	-45.7
9418	638514.66	4873775.09	332.30	1	D	8000	50.9	-8.6	0.0	0.0	0.0	67.5	78.2	-2.7	0.0	0.0	7.5	0.0	2.0	-110.2
9418	638514.66	4873775.09	332.30	1	N	4000	-56.7	-8.6	0.0	0.0	0.0	67.5	21.9	-2.7	0.0	0.0	7.5	0.0	2.0	-161.5
9418	638514.66	4873775.09	332.30	1	N	8000	-64.9	-8.6	0.0	0.0	0.0	67.5	78.2	-2.7	0.0	0.0	7.5	0.0	2.0	-226.0
9418	638514.66	4873775.09	332.30	1	E	4000	59.1	-8.6	0.0	0.0	0.0	67.5	21.9	-2.7	0.0	0.0	7.5	0.0	2.0	-45.7
9418	638514.66	4873775.09	332.30	1	E	8000	50.9	-8.6	0.0	0.0	0.0	67.5	78.2	-2.7	0.0	0.0	7.5	0.0	2.0	-110.2
9425	638637.22	4873688.90	329.10	0	D	32	32.8	13.1	0.0	0.0	0.0	62.6	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-21.5
9425	638637.22	4873688.90	329.10	0	D	63	49.2	13.1	0.0	0.0	0.0	62.6	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-5.1
9425	638637.22	4873688.90	329.10	0	D	125	59.0	13.1	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	4.5
9425	638637.22	4873688.90	329.10	0	D	250	61.9	13.1	0.0	0.0	0.0	62.6	0.4	1.2	0.0	0.0	3.7	0.0	0.0	7.1
9425	638637.22	4873688.90	329.10	0	D	500	67.1	13.1	0.0	0.0	0.0	62.6	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	11.9
9425	638637.22	4873688.90	329.10	0	D	1000	69.6	13.1	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	13.5
9425	638637.22	4873688.90	329.10	0	D	2000	66.7	13.1	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	8.0
9425	638637.22	4873688.90	329.10	0	D	4000	59.1	13.1	0.0	0.0	0.0	62.6	12.5	-2.1	0.0	0.0	8.3	0.0	0.0	-9.1
9425	638637.22	4873688.90	329.10	0	D	8000	50.9	13.1	0.0	0.0	0.0	62.6	44.6	-2.1	0.0	0.0	9.3	0.0	0.0	-50.5
9425	638637.22	4873688.90	329.10	0	N	32	-83.0	13.1	0.0	0.0	0.0	62.6	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-137.3
9425	638637.22	4873688.90	329.10	0	N	63	-66.6	13.1	0.0	0.0	0.0	62.6	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-120.9
9425	638637.22	4873688.90	329.10	0	N	125	-56.8	13.1	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-111.3
9425	638637.22	4873688.90	329.10	0	N	250	-53.9	13.1	0.0	0.0	0.0	62.6	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-108.7
9425	638637.22	4873688.90	329.10	0	N	500	-48.7	13.1	0.0	0.0	0.0	62.6	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-103.9
9425	638637.22	4873688.90	329.10	0	N	1000	-46.2	13.1	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	-102.3
9425	638637.22	4873688.90	329.10	0	N	2000	-49.1	13.1	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	-107.8
9425	638637.22	4873688.90	329.10	0	N	4000	-56.7	13.1	0.0	0.0	0.0	62.6	12.5	-2.1	0.0	0.0	8.3	0.0	0.0	-124.9
9425	638637.22	4873688.90	329.10	0	N	8000	-64.9	13.1	0.0	0.0	0.0	62.6	44.6	-2.1	0.0	0.0	9.3	0.0	0.0	-166.3
9425	638637.22	4873688.90	329.10	0	E	32	32.8	13.1	0.0	0.0	0.0	62.6	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-21.5
9425	638637.22	4873688.90	329.10	0	E	63	49.2	13.1	0.0	0.0	0.0	62.6	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-5.1
9425	638637.22	4873688.90	329.10	0	E	125	59.0	13.1	0.0	0.0	0.0	62.6	0.2	0.9	0.0	0.0	3.9	0.0	0.0	4.5
9425	638637.22	4873688.90	329.10	0	E	250	61.9	13.1	0.0	0.0	0.0	62.6	0.4	1.2	0.0	0.0	3.7	0.0	0.0	7.1
9425	638637.22	4873688.90	329.10	0	E	500	67.1	13.1	0.0	0.0	0.0	62.6	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	11.9

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9425	638637.22	4873688.90	329.10	0	E	1000	69.6	13.1	0.0	0.0	0.0	62.6	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	13.5
9425	638637.22	4873688.90	329.10	0	E	2000	66.7	13.1	0.0	0.0	0.0	62.6	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	8.0
9425	638637.22	4873688.90	329.10	0	E	4000	59.1	13.1	0.0	0.0	0.0	62.6	12.5	-2.1	0.0	0.0	8.3	0.0	0.0	-9.1
9425	638637.22	4873688.90	329.10	0	E	8000	50.9	13.1	0.0	0.0	0.0	62.6	44.6	-2.1	0.0	0.0	9.3	0.0	0.0	-50.5
9568	638579.71	4873708.94	330.11	0	D	32	32.8	14.0	0.0	0.0	0.0	63.8	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-21.8
9568	638579.71	4873708.94	330.11	0	D	63	49.2	14.0	0.0	0.0	0.0	63.8	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-5.4
9568	638579.71	4873708.94	330.11	0	D	125	59.0	14.0	0.0	0.0	0.0	63.8	0.2	1.0	0.0	0.0	3.8	0.0	0.0	4.2
9568	638579.71	4873708.94	330.11	0	D	250	61.9	14.0	0.0	0.0	0.0	63.8	0.5	1.1	0.0	0.0	3.7	0.0	0.0	6.8
9568	638579.71	4873708.94	330.11	0	D	500	67.1	14.0	0.0	0.0	0.0	63.8	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	11.6
9568	638579.71	4873708.94	330.11	0	D	1000	69.6	14.0	0.0	0.0	0.0	63.8	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	13.2
9568	638579.71	4873708.94	330.11	0	D	2000	66.7	14.0	0.0	0.0	0.0	63.8	4.2	-2.2	0.0	0.0	7.4	0.0	0.0	7.5
9568	638579.71	4873708.94	330.11	0	D	4000	59.1	14.0	0.0	0.0	0.0	63.8	14.3	-2.2	0.0	0.0	7.8	0.0	0.0	-10.5
9568	638579.71	4873708.94	330.11	0	D	8000	50.9	14.0	0.0	0.0	0.0	63.8	51.0	-2.2	0.0	0.0	8.4	0.0	0.0	-56.1
9568	638579.71	4873708.94	330.11	0	N	32	-83.0	14.0	0.0	0.0	0.0	63.8	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-137.6
9568	638579.71	4873708.94	330.11	0	N	63	-66.6	14.0	0.0	0.0	0.0	63.8	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-121.2
9568	638579.71	4873708.94	330.11	0	N	125	-56.8	14.0	0.0	0.0	0.0	63.8	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-111.6
9568	638579.71	4873708.94	330.11	0	N	250	-53.9	14.0	0.0	0.0	0.0	63.8	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-109.0
9568	638579.71	4873708.94	330.11	0	N	500	-48.7	14.0	0.0	0.0	0.0	63.8	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-104.2
9568	638579.71	4873708.94	330.11	0	N	1000	-46.2	14.0	0.0	0.0	0.0	63.8	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	-102.6
9568	638579.71	4873708.94	330.11	0	N	2000	-49.1	14.0	0.0	0.0	0.0	63.8	4.2	-2.2	0.0	0.0	7.4	0.0	0.0	-108.3
9568	638579.71	4873708.94	330.11	0	N	4000	-56.7	14.0	0.0	0.0	0.0	63.8	14.3	-2.2	0.0	0.0	7.8	0.0	0.0	-126.3
9568	638579.71	4873708.94	330.11	0	N	8000	-64.9	14.0	0.0	0.0	0.0	63.8	51.0	-2.2	0.0	0.0	8.4	0.0	0.0	-171.9
9568	638579.71	4873708.94	330.11	0	E	32	32.8	14.0	0.0	0.0	0.0	63.8	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-21.8
9568	638579.71	4873708.94	330.11	0	E	63	49.2	14.0	0.0	0.0	0.0	63.8	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-5.4
9568	638579.71	4873708.94	330.11	0	E	125	59.0	14.0	0.0	0.0	0.0	63.8	0.2	1.0	0.0	0.0	3.8	0.0	0.0	4.2
9568	638579.71	4873708.94	330.11	0	E	250	61.9	14.0	0.0	0.0	0.0	63.8	0.5	1.1	0.0	0.0	3.7	0.0	0.0	6.8
9568	638579.71	4873708.94	330.11	0	E	500	67.1	14.0	0.0	0.0	0.0	63.8	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	11.6
9568	638579.71	4873708.94	330.11	0	E	1000	69.6	14.0	0.0	0.0	0.0	63.8	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	13.2
9568	638579.71	4873708.94	330.11	0	E	2000	66.7	14.0	0.0	0.0	0.0	63.8	4.2	-2.2	0.0	0.0	7.4	0.0	0.0	7.5
9568	638579.71	4873708.94	330.11	0	E	4000	59.1	14.0	0.0	0.0	0.0	63.8	14.3	-2.2	0.0	0.0	7.8	0.0	0.0	-10.5
9568	638579.71	4873708.94	330.11	0	E	8000	50.9	14.0	0.0	0.0	0.0	63.8	51.0	-2.2	0.0	0.0	8.4	0.0	0.0	-56.1
9577	638732.87	4873672.37	327.23	0	D	32	32.8	10.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-21.8
9577	638732.87	4873672.37	327.23	0	D	63	49.2	10.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-5.4
9577	638732.87	4873672.37	327.23	0	D	125	59.0	10.5	0.0	0.0	0.0	60.3	0.1	0.9	0.0	0.0	4.0	0.0	0.0	4.2
9577	638732.87	4873672.37	327.23	0	D	250	61.9	10.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.6	0.0	0.0	6.8
9577	638732.87	4873672.37	327.23	0	D	500	67.1	10.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	11.4
9577	638732.87	4873672.37	327.23	0	D	1000	69.6	10.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.7	0.0	0.0	12.9
9577	638732.87	4873672.37	327.23	0	D	2000	66.7	10.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	8.6	0.0	0.0	7.4
9577	638732.87	4873672.37	327.23	0	D	4000	59.1	10.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	10.0	0.0	0.0	-8.3
9577	638732.87	4873672.37	327.23	0	D	8000	50.9	10.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	11.8	0.0	0.0	-43.0
9577	638732.87	4873672.37	327.23	0	N	32	-83.0	10.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-137.6
9577	638732.87	4873672.37	327.23	0	N	63	-66.6	10.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-121.2
9577	638732.87	4873672.37	327.23	0	N	125	-56.8	10.5	0.0	0.0	0.0	60.3	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-111.6
9577	638732.87	4873672.37	327.23	0	N	250	-53.9	10.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.6	0.0	0.0	-109.0
9577	638732.87	4873672.37	327.23	0	N	500	-48.7	10.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	-104.4
9577	638732.87	4873672.37	327.23	0	N	1000	-46.2	10.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.7	0.0	0.0	-102.9

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9577	638732.87	4873672.37	327.23	0	N	2000	-49.1	10.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	8.6	0.0	0.0	-108.4
9577	638732.87	4873672.37	327.23	0	N	4000	-56.7	10.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	10.0	0.0	0.0	-124.1
9577	638732.87	4873672.37	327.23	0	N	8000	-64.9	10.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	11.8	0.0	0.0	-158.8
9577	638732.87	4873672.37	327.23	0	E	32	32.8	10.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-21.8
9577	638732.87	4873672.37	327.23	0	E	63	49.2	10.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-5.4
9577	638732.87	4873672.37	327.23	0	E	125	59.0	10.5	0.0	0.0	0.0	60.3	0.1	0.9	0.0	0.0	4.0	0.0	0.0	4.2
9577	638732.87	4873672.37	327.23	0	E	250	61.9	10.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.6	0.0	0.0	6.8
9577	638732.87	4873672.37	327.23	0	E	500	67.1	10.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	11.4
9577	638732.87	4873672.37	327.23	0	E	1000	69.6	10.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.7	0.0	0.0	12.9
9577	638732.87	4873672.37	327.23	0	E	2000	66.7	10.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	8.6	0.0	0.0	7.4
9577	638732.87	4873672.37	327.23	0	E	4000	59.1	10.5	0.0	0.0	0.0	60.3	9.6	-1.8	0.0	0.0	10.0	0.0	0.0	-8.3
9577	638732.87	4873672.37	327.23	0	E	8000	50.9	10.5	0.0	0.0	0.0	60.3	34.2	-1.8	0.0	0.0	11.8	0.0	0.0	-43.0
9620	638602.00	4873701.75	329.74	0	D	32	32.8	13.4	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.9
9620	638602.00	4873701.75	329.74	0	D	63	49.2	13.4	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-5.6
9620	638602.00	4873701.75	329.74	0	D	125	59.0	13.4	0.0	0.0	0.0	63.4	0.2	0.9	0.0	0.0	3.9	0.0	0.0	4.1
9620	638602.00	4873701.75	329.74	0	D	250	61.9	13.4	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	6.7
9620	638602.00	4873701.75	329.74	0	D	500	67.1	13.4	0.0	0.0	0.0	63.4	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	11.5
9620	638602.00	4873701.75	329.74	0	D	1000	69.6	13.4	0.0	0.0	0.0	63.4	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	13.1
9620	638602.00	4873701.75	329.74	0	D	2000	66.7	13.4	0.0	0.0	0.0	63.4	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	7.5
9620	638602.00	4873701.75	329.74	0	D	4000	59.1	13.4	0.0	0.0	0.0	63.4	13.6	-2.2	0.0	0.0	7.9	0.0	0.0	-10.2
9620	638602.00	4873701.75	329.74	0	D	8000	50.9	13.4	0.0	0.0	0.0	63.4	48.5	-2.2	0.0	0.0	8.7	0.0	0.0	-54.1
9620	638602.00	4873701.75	329.74	0	N	32	-83.0	13.4	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-137.7
9620	638602.00	4873701.75	329.74	0	N	63	-66.6	13.4	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-121.4
9620	638602.00	4873701.75	329.74	0	N	125	-56.8	13.4	0.0	0.0	0.0	63.4	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-111.7
9620	638602.00	4873701.75	329.74	0	N	250	-53.9	13.4	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	-109.1
9620	638602.00	4873701.75	329.74	0	N	500	-48.7	13.4	0.0	0.0	0.0	63.4	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-104.3
9620	638602.00	4873701.75	329.74	0	N	1000	-46.2	13.4	0.0	0.0	0.0	63.4	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	-102.7
9620	638602.00	4873701.75	329.74	0	N	2000	-49.1	13.4	0.0	0.0	0.0	63.4	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	-108.3
9620	638602.00	4873701.75	329.74	0	N	4000	-56.7	13.4	0.0	0.0	0.0	63.4	13.6	-2.2	0.0	0.0	7.9	0.0	0.0	-126.0
9620	638602.00	4873701.75	329.74	0	N	8000	-64.9	13.4	0.0	0.0	0.0	63.4	48.5	-2.2	0.0	0.0	8.7	0.0	0.0	-169.9
9620	638602.00	4873701.75	329.74	0	E	32	32.8	13.4	0.0	0.0	0.0	63.4	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-21.9
9620	638602.00	4873701.75	329.74	0	E	63	49.2	13.4	0.0	0.0	0.0	63.4	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-5.6
9620	638602.00	4873701.75	329.74	0	E	125	59.0	13.4	0.0	0.0	0.0	63.4	0.2	0.9	0.0	0.0	3.9	0.0	0.0	4.1
9620	638602.00	4873701.75	329.74	0	E	250	61.9	13.4	0.0	0.0	0.0	63.4	0.4	1.1	0.0	0.0	3.7	0.0	0.0	6.7
9620	638602.00	4873701.75	329.74	0	E	500	67.1	13.4	0.0	0.0	0.0	63.4	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	11.5
9620	638602.00	4873701.75	329.74	0	E	1000	69.6	13.4	0.0	0.0	0.0	63.4	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	13.1
9620	638602.00	4873701.75	329.74	0	E	2000	66.7	13.4	0.0	0.0	0.0	63.4	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	7.5
9620	638602.00	4873701.75	329.74	0	E	4000	59.1	13.4	0.0	0.0	0.0	63.4	13.6	-2.2	0.0	0.0	7.9	0.0	0.0	-10.2
9620	638602.00	4873701.75	329.74	0	E	8000	50.9	13.4	0.0	0.0	0.0	63.4	48.5	-2.2	0.0	0.0	8.7	0.0	0.0	-54.1
9628	638617.35	4873693.54	329.41	0	D	32	32.8	13.1	0.0	0.0	0.0	63.1	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-21.9
9628	638617.35	4873693.54	329.41	0	D	63	49.2	13.1	0.0	0.0	0.0	63.1	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-5.6
9628	638617.35	4873693.54	329.41	0	D	125	59.0	13.1	0.0	0.0	0.0	63.1	0.2	0.9	0.0	0.0	3.9	0.0	0.0	4.1
9628	638617.35	4873693.54	329.41	0	D	250	61.9	13.1	0.0	0.0	0.0	63.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	6.7
9628	638617.35	4873693.54	329.41	0	D	500	67.1	13.1	0.0	0.0	0.0	63.1	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	11.5
9628	638617.35	4873693.54	329.41	0	D	1000	69.6	13.1	0.0	0.0	0.0	63.1	1.5	-2.1	0.0	0.0	7.2	0.0	0.0	13.1
9628	638617.35	4873693.54	329.41	0	D	2000	66.7	13.1	0.0	0.0	0.0	63.1	3.9	-2.2	0.0	0.0	7.5	0.0	0.0	7.5

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9628	638617.35	4873693.54	329.41	0	D	4000	59.1	13.1	0.0	0.0	0.0	63.1	13.1	-2.2	0.0	0.0	8.1	0.0	0.0	-9.9
9628	638617.35	4873693.54	329.41	0	D	8000	50.9	13.1	0.0	0.0	0.0	63.1	46.9	-2.2	0.0	0.0	9.0	0.0	0.0	-52.7
9628	638617.35	4873693.54	329.41	0	N	32	-83.0	13.1	0.0	0.0	0.0	63.1	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-137.7
9628	638617.35	4873693.54	329.41	0	N	63	-66.6	13.1	0.0	0.0	0.0	63.1	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-121.4
9628	638617.35	4873693.54	329.41	0	N	125	-56.8	13.1	0.0	0.0	0.0	63.1	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-111.7
9628	638617.35	4873693.54	329.41	0	N	250	-53.9	13.1	0.0	0.0	0.0	63.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-109.1
9628	638617.35	4873693.54	329.41	0	N	500	-48.7	13.1	0.0	0.0	0.0	63.1	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-104.3
9628	638617.35	4873693.54	329.41	0	N	1000	-46.2	13.1	0.0	0.0	0.0	63.1	1.5	-2.1	0.0	0.0	7.2	0.0	0.0	-102.7
9628	638617.35	4873693.54	329.41	0	N	2000	-49.1	13.1	0.0	0.0	0.0	63.1	3.9	-2.2	0.0	0.0	7.5	0.0	0.0	-108.3
9628	638617.35	4873693.54	329.41	0	N	4000	-56.7	13.1	0.0	0.0	0.0	63.1	13.1	-2.2	0.0	0.0	8.1	0.0	0.0	-125.7
9628	638617.35	4873693.54	329.41	0	N	8000	-64.9	13.1	0.0	0.0	0.0	63.1	46.9	-2.2	0.0	0.0	9.0	0.0	0.0	-168.5
9628	638617.35	4873693.54	329.41	0	E	32	32.8	13.1	0.0	0.0	0.0	63.1	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-21.9
9628	638617.35	4873693.54	329.41	0	E	63	49.2	13.1	0.0	0.0	0.0	63.1	0.0	-4.5	0.0	0.0	9.2	0.0	0.0	-5.6
9628	638617.35	4873693.54	329.41	0	E	125	59.0	13.1	0.0	0.0	0.0	63.1	0.2	0.9	0.0	0.0	3.9	0.0	0.0	4.1
9628	638617.35	4873693.54	329.41	0	E	250	61.9	13.1	0.0	0.0	0.0	63.1	0.4	1.2	0.0	0.0	3.7	0.0	0.0	6.7
9628	638617.35	4873693.54	329.41	0	E	500	67.1	13.1	0.0	0.0	0.0	63.1	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	11.5
9628	638617.35	4873693.54	329.41	0	E	1000	69.6	13.1	0.0	0.0	0.0	63.1	1.5	-2.1	0.0	0.0	7.2	0.0	0.0	13.1
9628	638617.35	4873693.54	329.41	0	E	2000	66.7	13.1	0.0	0.0	0.0	63.1	3.9	-2.2	0.0	0.0	7.5	0.0	0.0	7.5
9628	638617.35	4873693.54	329.41	0	E	4000	59.1	13.1	0.0	0.0	0.0	63.1	13.1	-2.2	0.0	0.0	8.1	0.0	0.0	-9.9
9628	638617.35	4873693.54	329.41	0	E	8000	50.9	13.1	0.0	0.0	0.0	63.1	46.9	-2.2	0.0	0.0	9.0	0.0	0.0	-52.7
9636	638698.34	4873677.90	328.02	0	D	32	32.8	11.2	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-22.0
9636	638698.34	4873677.90	328.02	0	D	63	49.2	11.2	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-5.7
9636	638698.34	4873677.90	328.02	0	D	125	59.0	11.2	0.0	0.0	0.0	61.2	0.1	0.9	0.0	0.0	4.0	0.0	0.0	4.0
9636	638698.34	4873677.90	328.02	0	D	250	61.9	11.2	0.0	0.0	0.0	61.2	0.3	1.4	0.0	0.0	3.6	0.0	0.0	6.6
9636	638698.34	4873677.90	328.02	0	D	500	67.1	11.2	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	11.3
9636	638698.34	4873677.90	328.02	0	D	1000	69.6	11.2	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	12.9
9636	638698.34	4873677.90	328.02	0	D	2000	66.7	11.2	0.0	0.0	0.0	61.2	3.1	-2.0	0.0	0.0	8.1	0.0	0.0	7.4
9636	638698.34	4873677.90	328.02	0	D	4000	59.1	11.2	0.0	0.0	0.0	61.2	10.6	-2.0	0.0	0.0	9.2	0.0	0.0	-8.7
9636	638698.34	4873677.90	328.02	0	D	8000	50.9	11.2	0.0	0.0	0.0	61.2	37.9	-2.0	0.0	0.0	10.7	0.0	0.0	-45.8
9636	638698.34	4873677.90	328.02	0	N	32	-83.0	11.2	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-137.8
9636	638698.34	4873677.90	328.02	0	N	63	-66.6	11.2	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-121.5
9636	638698.34	4873677.90	328.02	0	N	125	-56.8	11.2	0.0	0.0	0.0	61.2	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-111.8
9636	638698.34	4873677.90	328.02	0	N	250	-53.9	11.2	0.0	0.0	0.0	61.2	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-109.2
9636	638698.34	4873677.90	328.02	0	N	500	-48.7	11.2	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	-104.5
9636	638698.34	4873677.90	328.02	0	N	1000	-46.2	11.2	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	-102.9
9636	638698.34	4873677.90	328.02	0	N	2000	-49.1	11.2	0.0	0.0	0.0	61.2	3.1	-2.0	0.0	0.0	8.1	0.0	0.0	-108.4
9636	638698.34	4873677.90	328.02	0	N	4000	-56.7	11.2	0.0	0.0	0.0	61.2	10.6	-2.0	0.0	0.0	9.2	0.0	0.0	-124.5
9636	638698.34	4873677.90	328.02	0	N	8000	-64.9	11.2	0.0	0.0	0.0	61.2	37.9	-2.0	0.0	0.0	10.7	0.0	0.0	-161.6
9636	638698.34	4873677.90	328.02	0	E	32	32.8	11.2	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-22.0
9636	638698.34	4873677.90	328.02	0	E	63	49.2	11.2	0.0	0.0	0.0	61.2	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-5.7
9636	638698.34	4873677.90	328.02	0	E	125	59.0	11.2	0.0	0.0	0.0	61.2	0.1	0.9	0.0	0.0	4.0	0.0	0.0	4.0
9636	638698.34	4873677.90	328.02	0	E	250	61.9	11.2	0.0	0.0	0.0	61.2	0.3	1.4	0.0	0.0	3.6	0.0	0.0	6.6
9636	638698.34	4873677.90	328.02	0	E	500	67.1	11.2	0.0	0.0	0.0	61.2	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	11.3
9636	638698.34	4873677.90	328.02	0	E	1000	69.6	11.2	0.0	0.0	0.0	61.2	1.2	-1.9	0.0	0.0	7.5	0.0	0.0	12.9
9636	638698.34	4873677.90	328.02	0	E	2000	66.7	11.2	0.0	0.0	0.0	61.2	3.1	-2.0	0.0	0.0	8.1	0.0	0.0	7.4
9636	638698.34	4873677.90	328.02	0	E	4000	59.1	11.2	0.0	0.0	0.0	61.2	10.6	-2.0	0.0	0.0	9.2	0.0	0.0	-8.7

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9636	638698.34	4873677.90	328.02	0	E	8000	50.9	11.2	0.0	0.0	0.0	61.2	37.9	-2.0	0.0	0.0	10.7	0.0	0.0	-45.8
9643	638696.78	4873678.16	328.06	1	D	8000	50.9	10.0	0.0	0.0	0.0	65.0	58.6	-2.0	0.0	0.0	6.9	0.0	1.0	-68.5
9643	638696.78	4873678.16	328.06	1	N	8000	-64.9	10.0	0.0	0.0	0.0	65.0	58.6	-2.0	0.0	0.0	6.9	0.0	1.0	-184.3
9643	638696.78	4873678.16	328.06	1	E	8000	50.9	10.0	0.0	0.0	0.0	65.0	58.6	-2.0	0.0	0.0	6.9	0.0	1.0	-68.5
9650	638721.67	4873674.12	327.48	0	D	32	32.8	10.6	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-22.0
9650	638721.67	4873674.12	327.48	0	D	63	49.2	10.6	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-5.7
9650	638721.67	4873674.12	327.48	0	D	125	59.0	10.6	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	4.0
9650	638721.67	4873674.12	327.48	0	D	250	61.9	10.6	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.6	0.0	0.0	6.5
9650	638721.67	4873674.12	327.48	0	D	500	67.1	10.6	0.0	0.0	0.0	60.6	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	11.2
9650	638721.67	4873674.12	327.48	0	D	1000	69.6	10.6	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	12.7
9650	638721.67	4873674.12	327.48	0	D	2000	66.7	10.6	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	7.2
9650	638721.67	4873674.12	327.48	0	D	4000	59.1	10.6	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.7	0.0	0.0	-8.6
9650	638721.67	4873674.12	327.48	0	D	8000	50.9	10.6	0.0	0.0	0.0	60.6	35.4	-1.9	0.0	0.0	11.5	0.0	0.0	-44.0
9650	638721.67	4873674.12	327.48	0	N	32	-83.0	10.6	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-137.8
9650	638721.67	4873674.12	327.48	0	N	63	-66.6	10.6	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-121.5
9650	638721.67	4873674.12	327.48	0	N	125	-56.8	10.6	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-111.8
9650	638721.67	4873674.12	327.48	0	N	250	-53.9	10.6	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-109.3
9650	638721.67	4873674.12	327.48	0	N	500	-48.7	10.6	0.0	0.0	0.0	60.6	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	-104.6
9650	638721.67	4873674.12	327.48	0	N	1000	-46.2	10.6	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	-103.1
9650	638721.67	4873674.12	327.48	0	N	2000	-49.1	10.6	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	-108.6
9650	638721.67	4873674.12	327.48	0	N	4000	-56.7	10.6	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.7	0.0	0.0	-124.4
9650	638721.67	4873674.12	327.48	0	N	8000	-64.9	10.6	0.0	0.0	0.0	60.6	35.4	-1.9	0.0	0.0	11.5	0.0	0.0	-159.8
9650	638721.67	4873674.12	327.48	0	E	32	32.8	10.6	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-22.0
9650	638721.67	4873674.12	327.48	0	E	63	49.2	10.6	0.0	0.0	0.0	60.6	0.0	-3.9	0.0	0.0	8.8	0.0	0.0	-5.7
9650	638721.67	4873674.12	327.48	0	E	125	59.0	10.6	0.0	0.0	0.0	60.6	0.1	0.9	0.0	0.0	4.0	0.0	0.0	4.0
9650	638721.67	4873674.12	327.48	0	E	250	61.9	10.6	0.0	0.0	0.0	60.6	0.3	1.4	0.0	0.0	3.6	0.0	0.0	6.5
9650	638721.67	4873674.12	327.48	0	E	500	67.1	10.6	0.0	0.0	0.0	60.6	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	11.2
9650	638721.67	4873674.12	327.48	0	E	1000	69.6	10.6	0.0	0.0	0.0	60.6	1.1	-1.9	0.0	0.0	7.6	0.0	0.0	12.7
9650	638721.67	4873674.12	327.48	0	E	2000	66.7	10.6	0.0	0.0	0.0	60.6	2.9	-1.9	0.0	0.0	8.4	0.0	0.0	7.2
9650	638721.67	4873674.12	327.48	0	E	4000	59.1	10.6	0.0	0.0	0.0	60.6	9.9	-1.9	0.0	0.0	9.7	0.0	0.0	-8.6
9650	638721.67	4873674.12	327.48	0	E	8000	50.9	10.6	0.0	0.0	0.0	60.6	35.4	-1.9	0.0	0.0	11.5	0.0	0.0	-44.0
9692	638813.60	4873657.60	325.65	0	D	32	32.8	7.7	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-22.3
9692	638813.60	4873657.60	325.65	0	D	63	49.2	7.7	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-6.0
9692	638813.60	4873657.60	325.65	0	D	125	59.0	7.7	0.0	0.0	0.0	57.9	0.1	1.1	0.0	0.0	4.0	0.0	0.0	3.6
9692	638813.60	4873657.60	325.65	0	D	250	61.9	7.7	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.6	0.0	0.0	6.1
9692	638813.60	4873657.60	325.65	0	D	500	67.1	7.7	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	10.5
9692	638813.60	4873657.60	325.65	0	D	1000	69.6	7.7	0.0	0.0	0.0	57.9	0.8	-1.5	0.0	0.0	8.4	0.0	0.0	11.7
9692	638813.60	4873657.60	325.65	0	D	2000	66.7	7.7	0.0	0.0	0.0	57.9	2.1	-1.5	0.0	0.0	9.8	0.0	0.0	6.0
9692	638813.60	4873657.60	325.65	0	D	4000	59.1	7.7	0.0	0.0	0.0	57.9	7.3	-1.5	0.0	0.0	11.8	0.0	0.0	-8.6
9692	638813.60	4873657.60	325.65	0	D	8000	50.9	7.7	0.0	0.0	0.0	57.9	25.9	-1.5	0.0	0.0	14.1	0.0	0.0	-37.8
9692	638813.60	4873657.60	325.65	0	N	32	-83.0	7.7	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-138.1
9692	638813.60	4873657.60	325.65	0	N	63	-66.6	7.7	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-121.8
9692	638813.60	4873657.60	325.65	0	N	125	-56.8	7.7	0.0	0.0	0.0	57.9	0.1	1.1	0.0	0.0	4.0	0.0	0.0	-112.2
9692	638813.60	4873657.60	325.65	0	N	250	-53.9	7.7	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.6	0.0	0.0	-109.7
9692	638813.60	4873657.60	325.65	0	N	500	-48.7	7.7	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	-105.3
9692	638813.60	4873657.60	325.65	0	N	1000	-46.2	7.7	0.0	0.0	0.0	57.9	0.8	-1.5	0.0	0.0	8.4	0.0	0.0	-104.1

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9692	638813.60	4873657.60	325.65	0	N	2000	-49.1	7.7	0.0	0.0	0.0	57.9	2.1	-1.5	0.0	0.0	9.8	0.0	0.0	-109.8
9692	638813.60	4873657.60	325.65	0	N	4000	-56.7	7.7	0.0	0.0	0.0	57.9	7.3	-1.5	0.0	0.0	11.8	0.0	0.0	-124.4
9692	638813.60	4873657.60	325.65	0	N	8000	-64.9	7.7	0.0	0.0	0.0	57.9	25.9	-1.5	0.0	0.0	14.1	0.0	0.0	-153.6
9692	638813.60	4873657.60	325.65	0	E	32	32.8	7.7	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-22.3
9692	638813.60	4873657.60	325.65	0	E	63	49.2	7.7	0.0	0.0	0.0	57.9	0.0	-3.2	0.0	0.0	8.1	0.0	0.0	-6.0
9692	638813.60	4873657.60	325.65	0	E	125	59.0	7.7	0.0	0.0	0.0	57.9	0.1	1.1	0.0	0.0	4.0	0.0	0.0	3.6
9692	638813.60	4873657.60	325.65	0	E	250	61.9	7.7	0.0	0.0	0.0	57.9	0.2	1.8	0.0	0.0	3.6	0.0	0.0	6.1
9692	638813.60	4873657.60	325.65	0	E	500	67.1	7.7	0.0	0.0	0.0	57.9	0.4	-1.0	0.0	0.0	7.0	0.0	0.0	10.5
9692	638813.60	4873657.60	325.65	0	E	1000	69.6	7.7	0.0	0.0	0.0	57.9	0.8	-1.5	0.0	0.0	8.4	0.0	0.0	11.7
9692	638813.60	4873657.60	325.65	0	E	2000	66.7	7.7	0.0	0.0	0.0	57.9	2.1	-1.5	0.0	0.0	9.8	0.0	0.0	6.0
9692	638813.60	4873657.60	325.65	0	E	4000	59.1	7.7	0.0	0.0	0.0	57.9	7.3	-1.5	0.0	0.0	11.8	0.0	0.0	-8.6
9692	638813.60	4873657.60	325.65	0	E	8000	50.9	7.7	0.0	0.0	0.0	57.9	25.9	-1.5	0.0	0.0	14.1	0.0	0.0	-37.8
9699	638803.70	4873651.98	325.62	0	D	32	32.8	8.1	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-22.3
9699	638803.70	4873651.98	325.62	0	D	63	49.2	8.1	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.3	0.0	0.0	-6.0
9699	638803.70	4873651.98	325.62	0	D	125	59.0	8.1	0.0	0.0	0.0	58.4	0.1	1.0	0.0	0.0	4.0	0.0	0.0	3.6
9699	638803.70	4873651.98	325.62	0	D	250	61.9	8.1	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.6	0.0	0.0	6.1
9699	638803.70	4873651.98	325.62	0	D	500	67.1	8.1	0.0	0.0	0.0	58.4	0.4	-1.1	0.0	0.0	6.9	0.0	0.0	10.6
9699	638803.70	4873651.98	325.62	0	D	1000	69.6	8.1	0.0	0.0	0.0	58.4	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	11.8
9699	638803.70	4873651.98	325.62	0	D	2000	66.7	8.1	0.0	0.0	0.0	58.4	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	6.2
9699	638803.70	4873651.98	325.62	0	D	4000	59.1	8.1	0.0	0.0	0.0	58.4	7.6	-1.6	0.0	0.0	11.5	0.0	0.0	-8.7
9699	638803.70	4873651.98	325.62	0	D	8000	50.9	8.1	0.0	0.0	0.0	58.4	27.3	-1.6	0.0	0.0	13.8	0.0	0.0	-38.8
9699	638803.70	4873651.98	325.62	0	N	32	-83.0	8.1	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-138.1
9699	638803.70	4873651.98	325.62	0	N	63	-66.6	8.1	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.3	0.0	0.0	-121.8
9699	638803.70	4873651.98	325.62	0	N	125	-56.8	8.1	0.0	0.0	0.0	58.4	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-112.2
9699	638803.70	4873651.98	325.62	0	N	250	-53.9	8.1	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-109.7
9699	638803.70	4873651.98	325.62	0	N	500	-48.7	8.1	0.0	0.0	0.0	58.4	0.4	-1.1	0.0	0.0	6.9	0.0	0.0	-105.2
9699	638803.70	4873651.98	325.62	0	N	1000	-46.2	8.1	0.0	0.0	0.0	58.4	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	-104.0
9699	638803.70	4873651.98	325.62	0	N	2000	-49.1	8.1	0.0	0.0	0.0	58.4	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	-109.6
9699	638803.70	4873651.98	325.62	0	N	4000	-56.7	8.1	0.0	0.0	0.0	58.4	7.6	-1.6	0.0	0.0	11.5	0.0	0.0	-124.5
9699	638803.70	4873651.98	325.62	0	N	8000	-64.9	8.1	0.0	0.0	0.0	58.4	27.3	-1.6	0.0	0.0	13.8	0.0	0.0	-154.6
9699	638803.70	4873651.98	325.62	0	E	32	32.8	8.1	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-22.3
9699	638803.70	4873651.98	325.62	0	E	63	49.2	8.1	0.0	0.0	0.0	58.4	0.0	-3.3	0.0	0.0	8.3	0.0	0.0	-6.0
9699	638803.70	4873651.98	325.62	0	E	125	59.0	8.1	0.0	0.0	0.0	58.4	0.1	1.0	0.0	0.0	4.0	0.0	0.0	3.6
9699	638803.70	4873651.98	325.62	0	E	250	61.9	8.1	0.0	0.0	0.0	58.4	0.2	1.7	0.0	0.0	3.6	0.0	0.0	6.1
9699	638803.70	4873651.98	325.62	0	E	500	67.1	8.1	0.0	0.0	0.0	58.4	0.4	-1.1	0.0	0.0	6.9	0.0	0.0	10.6
9699	638803.70	4873651.98	325.62	0	E	1000	69.6	8.1	0.0	0.0	0.0	58.4	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	11.8
9699	638803.70	4873651.98	325.62	0	E	2000	66.7	8.1	0.0	0.0	0.0	58.4	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	6.2
9699	638803.70	4873651.98	325.62	0	E	4000	59.1	8.1	0.0	0.0	0.0	58.4	7.6	-1.6	0.0	0.0	11.5	0.0	0.0	-8.7
9699	638803.70	4873651.98	325.62	0	E	8000	50.9	8.1	0.0	0.0	0.0	58.4	27.3	-1.6	0.0	0.0	13.8	0.0	0.0	-38.8
9706	638710.43	4873675.92	327.74	0	D	32	32.8	10.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-22.3
9706	638710.43	4873675.92	327.74	0	D	63	49.2	10.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-6.0
9706	638710.43	4873675.92	327.74	0	D	125	59.0	10.6	0.0	0.0	0.0	60.9	0.1	0.9	0.0	0.0	4.0	0.0	0.0	3.7
9706	638710.43	4873675.92	327.74	0	D	250	61.9	10.6	0.0	0.0	0.0	60.9	0.3	1.4	0.0	0.0	3.6	0.0	0.0	6.3
9706	638710.43	4873675.92	327.74	0	D	500	67.1	10.6	0.0	0.0	0.0	60.9	0.6	-1.4	0.0	0.0	6.6	0.0	0.0	11.0
9706	638710.43	4873675.92	327.74	0	D	1000	69.6	10.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	12.5
9706	638710.43	4873675.92	327.74	0	D	2000	66.7	10.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.3	0.0	0.0	7.0

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9706	638710.43	4873675.92	327.74	0	D	4000	59.1	10.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.4	0.0	0.0	-9.0
9706	638710.43	4873675.92	327.74	0	D	8000	50.9	10.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.1	0.0	0.0	-45.2
9706	638710.43	4873675.92	327.74	0	N	32	-83.0	10.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-138.1
9706	638710.43	4873675.92	327.74	0	N	63	-66.6	10.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-121.8
9706	638710.43	4873675.92	327.74	0	N	125	-56.8	10.6	0.0	0.0	0.0	60.9	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-112.1
9706	638710.43	4873675.92	327.74	0	N	250	-53.9	10.6	0.0	0.0	0.0	60.9	0.3	1.4	0.0	0.0	3.6	0.0	0.0	-109.5
9706	638710.43	4873675.92	327.74	0	N	500	-48.7	10.6	0.0	0.0	0.0	60.9	0.6	-1.4	0.0	0.0	6.6	0.0	0.0	-104.8
9706	638710.43	4873675.92	327.74	0	N	1000	-46.2	10.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	-103.3
9706	638710.43	4873675.92	327.74	0	N	2000	-49.1	10.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.3	0.0	0.0	-108.8
9706	638710.43	4873675.92	327.74	0	N	4000	-56.7	10.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.4	0.0	0.0	-124.8
9706	638710.43	4873675.92	327.74	0	N	8000	-64.9	10.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.1	0.0	0.0	-161.0
9706	638710.43	4873675.92	327.74	0	E	32	32.8	10.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-22.3
9706	638710.43	4873675.92	327.74	0	E	63	49.2	10.6	0.0	0.0	0.0	60.9	0.0	-4.0	0.0	0.0	8.8	0.0	0.0	-6.0
9706	638710.43	4873675.92	327.74	0	E	125	59.0	10.6	0.0	0.0	0.0	60.9	0.1	0.9	0.0	0.0	4.0	0.0	0.0	3.7
9706	638710.43	4873675.92	327.74	0	E	250	61.9	10.6	0.0	0.0	0.0	60.9	0.3	1.4	0.0	0.0	3.6	0.0	0.0	6.3
9706	638710.43	4873675.92	327.74	0	E	500	67.1	10.6	0.0	0.0	0.0	60.9	0.6	-1.4	0.0	0.0	6.6	0.0	0.0	11.0
9706	638710.43	4873675.92	327.74	0	E	1000	69.6	10.6	0.0	0.0	0.0	60.9	1.1	-1.9	0.0	0.0	7.5	0.0	0.0	12.5
9706	638710.43	4873675.92	327.74	0	E	2000	66.7	10.6	0.0	0.0	0.0	60.9	3.0	-1.9	0.0	0.0	8.3	0.0	0.0	7.0
9706	638710.43	4873675.92	327.74	0	E	4000	59.1	10.6	0.0	0.0	0.0	60.9	10.3	-1.9	0.0	0.0	9.4	0.0	0.0	-9.0
9706	638710.43	4873675.92	327.74	0	E	8000	50.9	10.6	0.0	0.0	0.0	60.9	36.6	-1.9	0.0	0.0	11.1	0.0	0.0	-45.2
9712	638810.29	4873653.27	325.60	0	D	32	32.8	7.6	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-22.5
9712	638810.29	4873653.27	325.60	0	D	63	49.2	7.6	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-6.2
9712	638810.29	4873653.27	325.60	0	D	125	59.0	7.6	0.0	0.0	0.0	58.1	0.1	1.1	0.0	0.0	4.0	0.0	0.0	3.4
9712	638810.29	4873653.27	325.60	0	D	250	61.9	7.6	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.6	0.0	0.0	5.9
9712	638810.29	4873653.27	325.60	0	D	500	67.1	7.6	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	10.3
9712	638810.29	4873653.27	325.60	0	D	1000	69.6	7.6	0.0	0.0	0.0	58.1	0.8	-1.5	0.0	0.0	8.3	0.0	0.0	11.5
9712	638810.29	4873653.27	325.60	0	D	2000	66.7	7.6	0.0	0.0	0.0	58.1	2.2	-1.5	0.0	0.0	9.7	0.0	0.0	5.9
9712	638810.29	4873653.27	325.60	0	D	4000	59.1	7.6	0.0	0.0	0.0	58.1	7.4	-1.5	0.0	0.0	11.6	0.0	0.0	-8.8
9712	638810.29	4873653.27	325.60	0	D	8000	50.9	7.6	0.0	0.0	0.0	58.1	26.5	-1.5	0.0	0.0	13.9	0.0	0.0	-38.4
9712	638810.29	4873653.27	325.60	0	N	32	-83.0	7.6	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-138.3
9712	638810.29	4873653.27	325.60	0	N	63	-66.6	7.6	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-122.0
9712	638810.29	4873653.27	325.60	0	N	125	-56.8	7.6	0.0	0.0	0.0	58.1	0.1	1.1	0.0	0.0	4.0	0.0	0.0	-112.4
9712	638810.29	4873653.27	325.60	0	N	250	-53.9	7.6	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.6	0.0	0.0	-109.9
9712	638810.29	4873653.27	325.60	0	N	500	-48.7	7.6	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	-105.5
9712	638810.29	4873653.27	325.60	0	N	1000	-46.2	7.6	0.0	0.0	0.0	58.1	0.8	-1.5	0.0	0.0	8.3	0.0	0.0	-104.2
9712	638810.29	4873653.27	325.60	0	N	2000	-49.1	7.6	0.0	0.0	0.0	58.1	2.2	-1.5	0.0	0.0	9.7	0.0	0.0	-109.9
9712	638810.29	4873653.27	325.60	0	N	4000	-56.7	7.6	0.0	0.0	0.0	58.1	7.4	-1.5	0.0	0.0	11.6	0.0	0.0	-124.6
9712	638810.29	4873653.27	325.60	0	N	8000	-64.9	7.6	0.0	0.0	0.0	58.1	26.5	-1.5	0.0	0.0	13.9	0.0	0.0	-154.2
9712	638810.29	4873653.27	325.60	0	E	32	32.8	7.6	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.1	0.0	0.0	-22.5
9712	638810.29	4873653.27	325.60	0	E	63	49.2	7.6	0.0	0.0	0.0	58.1	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-6.2
9712	638810.29	4873653.27	325.60	0	E	125	59.0	7.6	0.0	0.0	0.0	58.1	0.1	1.1	0.0	0.0	4.0	0.0	0.0	3.4
9712	638810.29	4873653.27	325.60	0	E	250	61.9	7.6	0.0	0.0	0.0	58.1	0.2	1.8	0.0	0.0	3.6	0.0	0.0	5.9
9712	638810.29	4873653.27	325.60	0	E	500	67.1	7.6	0.0	0.0	0.0	58.1	0.4	-1.0	0.0	0.0	6.9	0.0	0.0	10.3
9712	638810.29	4873653.27	325.60	0	E	1000	69.6	7.6	0.0	0.0	0.0	58.1	0.8	-1.5	0.0	0.0	8.3	0.0	0.0	11.5
9712	638810.29	4873653.27	325.60	0	E	2000	66.7	7.6	0.0	0.0	0.0	58.1	2.2	-1.5	0.0	0.0	9.7	0.0	0.0	5.9
9712	638810.29	4873653.27	325.60	0	E	4000	59.1	7.6	0.0	0.0	0.0	58.1	7.4	-1.5	0.0	0.0	11.6	0.0	0.0	-8.8

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9712	638810.29	4873653.27	325.60	0	E	8000	50.9	7.6	0.0	0.0	0.0	58.1	26.5	-1.5	0.0	0.0	13.9	0.0	0.0	-38.4
9814	638633.84	4873692.47	329.22	0	D	32	32.8	12.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-22.6
9814	638633.84	4873692.47	329.22	0	D	63	49.2	12.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-6.3
9814	638633.84	4873692.47	329.22	0	D	125	59.0	12.0	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	3.4
9814	638633.84	4873692.47	329.22	0	D	250	61.9	12.0	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	6.0
9814	638633.84	4873692.47	329.22	0	D	500	67.1	12.0	0.0	0.0	0.0	62.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	10.8
9814	638633.84	4873692.47	329.22	0	D	1000	69.6	12.0	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	12.4
9814	638633.84	4873692.47	329.22	0	D	2000	66.7	12.0	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	6.9
9814	638633.84	4873692.47	329.22	0	D	4000	59.1	12.0	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.2	0.0	0.0	-10.2
9814	638633.84	4873692.47	329.22	0	D	8000	50.9	12.0	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	9.3	0.0	0.0	-51.8
9814	638633.84	4873692.47	329.22	0	N	32	-83.0	12.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-138.4
9814	638633.84	4873692.47	329.22	0	N	63	-66.6	12.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-122.1
9814	638633.84	4873692.47	329.22	0	N	125	-56.8	12.0	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-112.4
9814	638633.84	4873692.47	329.22	0	N	250	-53.9	12.0	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-109.8
9814	638633.84	4873692.47	329.22	0	N	500	-48.7	12.0	0.0	0.0	0.0	62.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-105.0
9814	638633.84	4873692.47	329.22	0	N	1000	-46.2	12.0	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	-103.4
9814	638633.84	4873692.47	329.22	0	N	2000	-49.1	12.0	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	-108.9
9814	638633.84	4873692.47	329.22	0	N	4000	-56.7	12.0	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.2	0.0	0.0	-126.0
9814	638633.84	4873692.47	329.22	0	N	8000	-64.9	12.0	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	9.3	0.0	0.0	-167.6
9814	638633.84	4873692.47	329.22	0	E	32	32.8	12.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-22.6
9814	638633.84	4873692.47	329.22	0	E	63	49.2	12.0	0.0	0.0	0.0	62.7	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-6.3
9814	638633.84	4873692.47	329.22	0	E	125	59.0	12.0	0.0	0.0	0.0	62.7	0.2	0.9	0.0	0.0	3.9	0.0	0.0	3.4
9814	638633.84	4873692.47	329.22	0	E	250	61.9	12.0	0.0	0.0	0.0	62.7	0.4	1.2	0.0	0.0	3.7	0.0	0.0	6.0
9814	638633.84	4873692.47	329.22	0	E	500	67.1	12.0	0.0	0.0	0.0	62.7	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	10.8
9814	638633.84	4873692.47	329.22	0	E	1000	69.6	12.0	0.0	0.0	0.0	62.7	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	12.4
9814	638633.84	4873692.47	329.22	0	E	2000	66.7	12.0	0.0	0.0	0.0	62.7	3.7	-2.1	0.0	0.0	7.6	0.0	0.0	6.9
9814	638633.84	4873692.47	329.22	0	E	4000	59.1	12.0	0.0	0.0	0.0	62.7	12.6	-2.1	0.0	0.0	8.2	0.0	0.0	-10.2
9814	638633.84	4873692.47	329.22	0	E	8000	50.9	12.0	0.0	0.0	0.0	62.7	45.0	-2.1	0.0	0.0	9.3	0.0	0.0	-51.8
9903	638733.09	4873675.27	327.28	0	D	32	32.8	9.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-22.8
9903	638733.09	4873675.27	327.28	0	D	63	49.2	9.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-6.4
9903	638733.09	4873675.27	327.28	0	D	125	59.0	9.5	0.0	0.0	0.0	60.3	0.1	0.9	0.0	0.0	4.0	0.0	0.0	3.2
9903	638733.09	4873675.27	327.28	0	D	250	61.9	9.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.6	0.0	0.0	5.8
9903	638733.09	4873675.27	327.28	0	D	500	67.1	9.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	10.4
9903	638733.09	4873675.27	327.28	0	D	1000	69.6	9.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.7	0.0	0.0	11.9
9903	638733.09	4873675.27	327.28	0	D	2000	66.7	9.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	8.6	0.0	0.0	6.4
9903	638733.09	4873675.27	327.28	0	D	4000	59.1	9.5	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	9.9	0.0	0.0	-9.3
9903	638733.09	4873675.27	327.28	0	D	8000	50.9	9.5	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	11.8	0.0	0.0	-43.8
9903	638733.09	4873675.27	327.28	0	N	32	-83.0	9.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-138.6
9903	638733.09	4873675.27	327.28	0	N	63	-66.6	9.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-122.2
9903	638733.09	4873675.27	327.28	0	N	125	-56.8	9.5	0.0	0.0	0.0	60.3	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-112.6
9903	638733.09	4873675.27	327.28	0	N	250	-53.9	9.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.6	0.0	0.0	-110.0
9903	638733.09	4873675.27	327.28	0	N	500	-48.7	9.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	-105.4
9903	638733.09	4873675.27	327.28	0	N	1000	-46.2	9.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.7	0.0	0.0	-103.9
9903	638733.09	4873675.27	327.28	0	N	2000	-49.1	9.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	8.6	0.0	0.0	-109.4
9903	638733.09	4873675.27	327.28	0	N	4000	-56.7	9.5	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	9.9	0.0	0.0	-125.1
9903	638733.09	4873675.27	327.28	0	N	8000	-64.9	9.5	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	11.8	0.0	0.0	-159.6

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9903	638733.09	4873675.27	327.28	0	E	32	32.8	9.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-22.8
9903	638733.09	4873675.27	327.28	0	E	63	49.2	9.5	0.0	0.0	0.0	60.3	0.0	-3.9	0.0	0.0	8.7	0.0	0.0	-6.4
9903	638733.09	4873675.27	327.28	0	E	125	59.0	9.5	0.0	0.0	0.0	60.3	0.1	0.9	0.0	0.0	4.0	0.0	0.0	3.2
9903	638733.09	4873675.27	327.28	0	E	250	61.9	9.5	0.0	0.0	0.0	60.3	0.3	1.5	0.0	0.0	3.6	0.0	0.0	5.8
9903	638733.09	4873675.27	327.28	0	E	500	67.1	9.5	0.0	0.0	0.0	60.3	0.6	-1.4	0.0	0.0	6.7	0.0	0.0	10.4
9903	638733.09	4873675.27	327.28	0	E	1000	69.6	9.5	0.0	0.0	0.0	60.3	1.1	-1.8	0.0	0.0	7.7	0.0	0.0	11.9
9903	638733.09	4873675.27	327.28	0	E	2000	66.7	9.5	0.0	0.0	0.0	60.3	2.8	-1.8	0.0	0.0	8.6	0.0	0.0	6.4
9903	638733.09	4873675.27	327.28	0	E	4000	59.1	9.5	0.0	0.0	0.0	60.3	9.5	-1.8	0.0	0.0	9.9	0.0	0.0	-9.3
9903	638733.09	4873675.27	327.28	0	E	8000	50.9	9.5	0.0	0.0	0.0	60.3	34.0	-1.8	0.0	0.0	11.8	0.0	0.0	-43.8
9912	638789.09	4873662.74	325.98	0	D	32	32.8	7.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-22.8
9912	638789.09	4873662.74	325.98	0	D	63	49.2	7.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.4	0.0	0.0	-6.5
9912	638789.09	4873662.74	325.98	0	D	125	59.0	7.9	0.0	0.0	0.0	58.7	0.1	1.0	0.0	0.0	4.1	0.0	0.0	3.1
9912	638789.09	4873662.74	325.98	0	D	250	61.9	7.9	0.0	0.0	0.0	58.7	0.3	1.7	0.0	0.0	3.7	0.0	0.0	5.6
9912	638789.09	4873662.74	325.98	0	D	500	67.1	7.9	0.0	0.0	0.0	58.7	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	10.1
9912	638789.09	4873662.74	325.98	0	D	1000	69.6	7.9	0.0	0.0	0.0	58.7	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	11.3
9912	638789.09	4873662.74	325.98	0	D	2000	66.7	7.9	0.0	0.0	0.0	58.7	2.3	-1.6	0.0	0.0	9.7	0.0	0.0	5.6
9912	638789.09	4873662.74	325.98	0	D	4000	59.1	7.9	0.0	0.0	0.0	58.7	7.9	-1.6	0.0	0.0	11.5	0.0	0.0	-9.4
9912	638789.09	4873662.74	325.98	0	D	8000	50.9	7.9	0.0	0.0	0.0	58.7	28.3	-1.6	0.0	0.0	13.8	0.0	0.0	-40.3
9912	638789.09	4873662.74	325.98	0	N	32	-83.0	7.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-138.6
9912	638789.09	4873662.74	325.98	0	N	63	-66.6	7.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.4	0.0	0.0	-122.3
9912	638789.09	4873662.74	325.98	0	N	125	-56.8	7.9	0.0	0.0	0.0	58.7	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-112.7
9912	638789.09	4873662.74	325.98	0	N	250	-53.9	7.9	0.0	0.0	0.0	58.7	0.3	1.7	0.0	0.0	3.7	0.0	0.0	-110.2
9912	638789.09	4873662.74	325.98	0	N	500	-48.7	7.9	0.0	0.0	0.0	58.7	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	-105.7
9912	638789.09	4873662.74	325.98	0	N	1000	-46.2	7.9	0.0	0.0	0.0	58.7	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	-104.5
9912	638789.09	4873662.74	325.98	0	N	2000	-49.1	7.9	0.0	0.0	0.0	58.7	2.3	-1.6	0.0	0.0	9.7	0.0	0.0	-110.2
9912	638789.09	4873662.74	325.98	0	N	4000	-56.7	7.9	0.0	0.0	0.0	58.7	7.9	-1.6	0.0	0.0	11.5	0.0	0.0	-125.2
9912	638789.09	4873662.74	325.98	0	N	8000	-64.9	7.9	0.0	0.0	0.0	58.7	28.3	-1.6	0.0	0.0	13.8	0.0	0.0	-156.1
9912	638789.09	4873662.74	325.98	0	E	32	32.8	7.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-22.8
9912	638789.09	4873662.74	325.98	0	E	63	49.2	7.9	0.0	0.0	0.0	58.7	0.0	-3.4	0.0	0.0	8.4	0.0	0.0	-6.5
9912	638789.09	4873662.74	325.98	0	E	125	59.0	7.9	0.0	0.0	0.0	58.7	0.1	1.0	0.0	0.0	4.1	0.0	0.0	3.1
9912	638789.09	4873662.74	325.98	0	E	250	61.9	7.9	0.0	0.0	0.0	58.7	0.3	1.7	0.0	0.0	3.7	0.0	0.0	5.6
9912	638789.09	4873662.74	325.98	0	E	500	67.1	7.9	0.0	0.0	0.0	58.7	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	10.1
9912	638789.09	4873662.74	325.98	0	E	1000	69.6	7.9	0.0	0.0	0.0	58.7	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	11.3
9912	638789.09	4873662.74	325.98	0	E	2000	66.7	7.9	0.0	0.0	0.0	58.7	2.3	-1.6	0.0	0.0	9.7	0.0	0.0	5.6
9912	638789.09	4873662.74	325.98	0	E	4000	59.1	7.9	0.0	0.0	0.0	58.7	7.9	-1.6	0.0	0.0	11.5	0.0	0.0	-9.4
9912	638789.09	4873662.74	325.98	0	E	8000	50.9	7.9	0.0	0.0	0.0	58.7	28.3	-1.6	0.0	0.0	13.8	0.0	0.0	-40.3
9943	638686.98	4873683.02	328.35	0	D	32	32.8	10.1	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-23.4
9943	638686.98	4873683.02	328.35	0	D	63	49.2	10.1	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	9.0	0.0	0.0	-7.0
9943	638686.98	4873683.02	328.35	0	D	125	59.0	10.1	0.0	0.0	0.0	61.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	2.7
9943	638686.98	4873683.02	328.35	0	D	250	61.9	10.1	0.0	0.0	0.0	61.5	0.3	1.3	0.0	0.0	3.6	0.0	0.0	5.3
9943	638686.98	4873683.02	328.35	0	D	500	67.1	10.1	0.0	0.0	0.0	61.5	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	10.0
9943	638686.98	4873683.02	328.35	0	D	1000	69.6	10.1	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	11.6
9943	638686.98	4873683.02	328.35	0	D	2000	66.7	10.1	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	6.1
9943	638686.98	4873683.02	328.35	0	D	4000	59.1	10.1	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	8.9	0.0	0.0	-10.2
9943	638686.98	4873683.02	328.35	0	D	8000	50.9	10.1	0.0	0.0	0.0	61.5	39.1	-2.0	0.0	0.0	10.4	0.0	0.0	-47.9
9943	638686.98	4873683.02	328.35	0	N	32	-83.0	10.1	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-139.2

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9943	638686.98	4873683.02	328.35	0	N	63	-66.6	10.1	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	9.0	0.0	0.0	-122.8
9943	638686.98	4873683.02	328.35	0	N	125	-56.8	10.1	0.0	0.0	0.0	61.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-113.1
9943	638686.98	4873683.02	328.35	0	N	250	-53.9	10.1	0.0	0.0	0.0	61.5	0.3	1.3	0.0	0.0	3.6	0.0	0.0	-110.5
9943	638686.98	4873683.02	328.35	0	N	500	-48.7	10.1	0.0	0.0	0.0	61.5	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	-105.8
9943	638686.98	4873683.02	328.35	0	N	1000	-46.2	10.1	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	-104.2
9943	638686.98	4873683.02	328.35	0	N	2000	-49.1	10.1	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	-109.7
9943	638686.98	4873683.02	328.35	0	N	4000	-56.7	10.1	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	8.9	0.0	0.0	-126.0
9943	638686.98	4873683.02	328.35	0	N	8000	-64.9	10.1	0.0	0.0	0.0	61.5	39.1	-2.0	0.0	0.0	10.4	0.0	0.0	-163.7
9943	638686.98	4873683.02	328.35	0	E	32	32.8	10.1	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-23.4
9943	638686.98	4873683.02	328.35	0	E	63	49.2	10.1	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	9.0	0.0	0.0	-7.0
9943	638686.98	4873683.02	328.35	0	E	125	59.0	10.1	0.0	0.0	0.0	61.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	2.7
9943	638686.98	4873683.02	328.35	0	E	250	61.9	10.1	0.0	0.0	0.0	61.5	0.3	1.3	0.0	0.0	3.6	0.0	0.0	5.3
9943	638686.98	4873683.02	328.35	0	E	500	67.1	10.1	0.0	0.0	0.0	61.5	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	10.0
9943	638686.98	4873683.02	328.35	0	E	1000	69.6	10.1	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	11.6
9943	638686.98	4873683.02	328.35	0	E	2000	66.7	10.1	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	6.1
9943	638686.98	4873683.02	328.35	0	E	4000	59.1	10.1	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	8.9	0.0	0.0	-10.2
9943	638686.98	4873683.02	328.35	0	E	8000	50.9	10.1	0.0	0.0	0.0	61.5	39.1	-2.0	0.0	0.0	10.4	0.0	0.0	-47.9
9950	638691.69	4873682.23	328.23	1	D	8000	50.9	-1.9	0.0	0.0	0.0	65.0	58.7	-2.0	0.0	0.0	6.9	0.0	1.0	-80.6
9950	638691.69	4873682.23	328.23	1	N	8000	-64.9	-1.9	0.0	0.0	0.0	65.0	58.7	-2.0	0.0	0.0	6.9	0.0	1.0	-196.4
9950	638691.69	4873682.23	328.23	1	E	8000	50.9	-1.9	0.0	0.0	0.0	65.0	58.7	-2.0	0.0	0.0	6.9	0.0	1.0	-80.6
0165	638653.16	4873685.56	328.85	0	D	32	32.8	10.9	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-23.4
0165	638653.16	4873685.56	328.85	0	D	63	49.2	10.9	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-7.0
0165	638653.16	4873685.56	328.85	0	D	125	59.0	10.9	0.0	0.0	0.0	62.3	0.2	0.9	0.0	0.0	4.0	0.0	0.0	2.6
0165	638653.16	4873685.56	328.85	0	D	250	61.9	10.9	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	5.2
0165	638653.16	4873685.56	328.85	0	D	500	67.1	10.9	0.0	0.0	0.0	62.3	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	10.0
0165	638653.16	4873685.56	328.85	0	D	1000	69.6	10.9	0.0	0.0	0.0	62.3	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	11.6
0165	638653.16	4873685.56	328.85	0	D	2000	66.7	10.9	0.0	0.0	0.0	62.3	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	6.1
0165	638653.16	4873685.56	328.85	0	D	4000	59.1	10.9	0.0	0.0	0.0	62.3	12.0	-2.1	0.0	0.0	8.5	0.0	0.0	-10.7
0165	638653.16	4873685.56	328.85	0	D	8000	50.9	10.9	0.0	0.0	0.0	62.3	42.9	-2.1	0.0	0.0	9.7	0.0	0.0	-50.9
0165	638653.16	4873685.56	328.85	0	N	32	-83.0	10.9	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-139.2
0165	638653.16	4873685.56	328.85	0	N	63	-66.6	10.9	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-122.8
0165	638653.16	4873685.56	328.85	0	N	125	-56.8	10.9	0.0	0.0	0.0	62.3	0.2	0.9	0.0	0.0	4.0	0.0	0.0	-113.2
0165	638653.16	4873685.56	328.85	0	N	250	-53.9	10.9	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	-110.6
0165	638653.16	4873685.56	328.85	0	N	500	-48.7	10.9	0.0	0.0	0.0	62.3	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-105.8
0165	638653.16	4873685.56	328.85	0	N	1000	-46.2	10.9	0.0	0.0	0.0	62.3	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	-104.2
0165	638653.16	4873685.56	328.85	0	N	2000	-49.1	10.9	0.0	0.0	0.0	62.3	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	-109.7
0165	638653.16	4873685.56	328.85	0	N	4000	-56.7	10.9	0.0	0.0	0.0	62.3	12.0	-2.1	0.0	0.0	8.5	0.0	0.0	-126.5
0165	638653.16	4873685.56	328.85	0	N	8000	-64.9	10.9	0.0	0.0	0.0	62.3	42.9	-2.1	0.0	0.0	9.7	0.0	0.0	-166.7
0165	638653.16	4873685.56	328.85	0	E	32	32.8	10.9	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-23.4
0165	638653.16	4873685.56	328.85	0	E	63	49.2	10.9	0.0	0.0	0.0	62.3	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-7.0
0165	638653.16	4873685.56	328.85	0	E	125	59.0	10.9	0.0	0.0	0.0	62.3	0.2	0.9	0.0	0.0	4.0	0.0	0.0	2.6
0165	638653.16	4873685.56	328.85	0	E	250	61.9	10.9	0.0	0.0	0.0	62.3	0.4	1.2	0.0	0.0	3.6	0.0	0.0	5.2
0165	638653.16	4873685.56	328.85	0	E	500	67.1	10.9	0.0	0.0	0.0	62.3	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	10.0
0165	638653.16	4873685.56	328.85	0	E	1000	69.6	10.9	0.0	0.0	0.0	62.3	1.3	-2.1	0.0	0.0	7.3	0.0	0.0	11.6
0165	638653.16	4873685.56	328.85	0	E	2000	66.7	10.9	0.0	0.0	0.0	62.3	3.5	-2.1	0.0	0.0	7.7	0.0	0.0	6.1
0165	638653.16	4873685.56	328.85	0	E	4000	59.1	10.9	0.0	0.0	0.0	62.3	12.0	-2.1	0.0	0.0	8.5	0.0	0.0	-10.7

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0165	638653.16	4873685.56	328.85	0	E	8000	50.9	10.9	0.0	0.0	0.0	62.3	42.9	-2.1	0.0	0.0	9.7	0.0	0.0	-50.9
0259	638560.46	4873712.92	330.45	0	D	32	32.8	12.7	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-23.4
0259	638560.46	4873712.92	330.45	0	D	63	49.2	12.7	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-7.1
0259	638560.46	4873712.92	330.45	0	D	125	59.0	12.7	0.0	0.0	0.0	64.2	0.2	1.0	0.0	0.0	3.8	0.0	0.0	2.6
0259	638560.46	4873712.92	330.45	0	D	250	61.9	12.7	0.0	0.0	0.0	64.2	0.5	1.1	0.0	0.0	3.7	0.0	0.0	5.2
0259	638560.46	4873712.92	330.45	0	D	500	67.1	12.7	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	9.9
0259	638560.46	4873712.92	330.45	0	D	1000	69.6	12.7	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	11.6
0259	638560.46	4873712.92	330.45	0	D	2000	66.7	12.7	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.3	0.0	0.0	5.8
0259	638560.46	4873712.92	330.45	0	D	4000	59.1	12.7	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.6	0.0	0.0	-12.7
0259	638560.46	4873712.92	330.45	0	D	8000	50.9	12.7	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	8.2	0.0	0.0	-59.7
0259	638560.46	4873712.92	330.45	0	N	32	-83.0	12.7	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-139.2
0259	638560.46	4873712.92	330.45	0	N	63	-66.6	12.7	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-122.9
0259	638560.46	4873712.92	330.45	0	N	125	-56.8	12.7	0.0	0.0	0.0	64.2	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-113.2
0259	638560.46	4873712.92	330.45	0	N	250	-53.9	12.7	0.0	0.0	0.0	64.2	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-110.6
0259	638560.46	4873712.92	330.45	0	N	500	-48.7	12.7	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	-105.9
0259	638560.46	4873712.92	330.45	0	N	1000	-46.2	12.7	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-104.2
0259	638560.46	4873712.92	330.45	0	N	2000	-49.1	12.7	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.3	0.0	0.0	-110.0
0259	638560.46	4873712.92	330.45	0	N	4000	-56.7	12.7	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.6	0.0	0.0	-128.5
0259	638560.46	4873712.92	330.45	0	N	8000	-64.9	12.7	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	8.2	0.0	0.0	-175.5
0259	638560.46	4873712.92	330.45	0	E	32	32.8	12.7	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-23.4
0259	638560.46	4873712.92	330.45	0	E	63	49.2	12.7	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-7.1
0259	638560.46	4873712.92	330.45	0	E	125	59.0	12.7	0.0	0.0	0.0	64.2	0.2	1.0	0.0	0.0	3.8	0.0	0.0	2.6
0259	638560.46	4873712.92	330.45	0	E	250	61.9	12.7	0.0	0.0	0.0	64.2	0.5	1.1	0.0	0.0	3.7	0.0	0.0	5.2
0259	638560.46	4873712.92	330.45	0	E	500	67.1	12.7	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	9.9
0259	638560.46	4873712.92	330.45	0	E	1000	69.6	12.7	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	11.6
0259	638560.46	4873712.92	330.45	0	E	2000	66.7	12.7	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.3	0.0	0.0	5.8
0259	638560.46	4873712.92	330.45	0	E	4000	59.1	12.7	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.6	0.0	0.0	-12.7
0259	638560.46	4873712.92	330.45	0	E	8000	50.9	12.7	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	8.2	0.0	0.0	-59.7
0264	638619.33	4873696.70	329.46	0	D	32	32.8	11.5	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-23.4
0264	638619.33	4873696.70	329.46	0	D	63	49.2	11.5	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-7.1
0264	638619.33	4873696.70	329.46	0	D	125	59.0	11.5	0.0	0.0	0.0	63.0	0.2	0.9	0.0	0.0	3.9	0.0	0.0	2.6
0264	638619.33	4873696.70	329.46	0	D	250	61.9	11.5	0.0	0.0	0.0	63.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	5.2
0264	638619.33	4873696.70	329.46	0	D	500	67.1	11.5	0.0	0.0	0.0	63.0	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	10.0
0264	638619.33	4873696.70	329.46	0	D	1000	69.6	11.5	0.0	0.0	0.0	63.0	1.5	-2.1	0.0	0.0	7.2	0.0	0.0	11.6
0264	638619.33	4873696.70	329.46	0	D	2000	66.7	11.5	0.0	0.0	0.0	63.0	3.9	-2.1	0.0	0.0	7.5	0.0	0.0	6.0
0264	638619.33	4873696.70	329.46	0	D	4000	59.1	11.5	0.0	0.0	0.0	63.0	13.1	-2.1	0.0	0.0	8.1	0.0	0.0	-11.3
0264	638619.33	4873696.70	329.46	0	D	8000	50.9	11.5	0.0	0.0	0.0	63.0	46.6	-2.1	0.0	0.0	9.0	0.0	0.0	-54.0
0264	638619.33	4873696.70	329.46	0	N	32	-83.0	11.5	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-139.2
0264	638619.33	4873696.70	329.46	0	N	63	-66.6	11.5	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-122.9
0264	638619.33	4873696.70	329.46	0	N	125	-56.8	11.5	0.0	0.0	0.0	63.0	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-113.2
0264	638619.33	4873696.70	329.46	0	N	250	-53.9	11.5	0.0	0.0	0.0	63.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-110.6
0264	638619.33	4873696.70	329.46	0	N	500	-48.7	11.5	0.0	0.0	0.0	63.0	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-105.8
0264	638619.33	4873696.70	329.46	0	N	1000	-46.2	11.5	0.0	0.0	0.0	63.0	1.5	-2.1	0.0	0.0	7.2	0.0	0.0	-104.2
0264	638619.33	4873696.70	329.46	0	N	2000	-49.1	11.5	0.0	0.0	0.0	63.0	3.9	-2.1	0.0	0.0	7.5	0.0	0.0	-109.8
0264	638619.33	4873696.70	329.46	0	N	4000	-56.7	11.5	0.0	0.0	0.0	63.0	13.1	-2.1	0.0	0.0	8.1	0.0	0.0	-127.1
0264	638619.33	4873696.70	329.46	0	N	8000	-64.9	11.5	0.0	0.0	0.0	63.0	46.6	-2.1	0.0	0.0	9.0	0.0	0.0	-169.8

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0264	638619.33	4873696.70	329.46	0	E	32	32.8	11.5	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-23.4
0264	638619.33	4873696.70	329.46	0	E	63	49.2	11.5	0.0	0.0	0.0	63.0	0.0	-4.4	0.0	0.0	9.2	0.0	0.0	-7.1
0264	638619.33	4873696.70	329.46	0	E	125	59.0	11.5	0.0	0.0	0.0	63.0	0.2	0.9	0.0	0.0	3.9	0.0	0.0	2.6
0264	638619.33	4873696.70	329.46	0	E	250	61.9	11.5	0.0	0.0	0.0	63.0	0.4	1.2	0.0	0.0	3.7	0.0	0.0	5.2
0264	638619.33	4873696.70	329.46	0	E	500	67.1	11.5	0.0	0.0	0.0	63.0	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	10.0
0264	638619.33	4873696.70	329.46	0	E	1000	69.6	11.5	0.0	0.0	0.0	63.0	1.5	-2.1	0.0	0.0	7.2	0.0	0.0	11.6
0264	638619.33	4873696.70	329.46	0	E	2000	66.7	11.5	0.0	0.0	0.0	63.0	3.9	-2.1	0.0	0.0	7.5	0.0	0.0	6.0
0264	638619.33	4873696.70	329.46	0	E	4000	59.1	11.5	0.0	0.0	0.0	63.0	13.1	-2.1	0.0	0.0	8.1	0.0	0.0	-11.3
0264	638619.33	4873696.70	329.46	0	E	8000	50.9	11.5	0.0	0.0	0.0	63.0	46.6	-2.1	0.0	0.0	9.0	0.0	0.0	-54.0
0276	638543.30	4873722.36	330.95	0	D	32	32.8	12.7	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-23.8
0276	638543.30	4873722.36	330.95	0	D	63	49.2	12.7	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-7.4
0276	638543.30	4873722.36	330.95	0	D	125	59.0	12.7	0.0	0.0	0.0	64.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	2.2
0276	638543.30	4873722.36	330.95	0	D	250	61.9	12.7	0.0	0.0	0.0	64.5	0.5	1.1	0.0	0.0	3.7	0.0	0.0	4.8
0276	638543.30	4873722.36	330.95	0	D	500	67.1	12.7	0.0	0.0	0.0	64.5	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	9.6
0276	638543.30	4873722.36	330.95	0	D	1000	69.6	12.7	0.0	0.0	0.0	64.5	1.7	-2.3	0.0	0.0	7.2	0.0	0.0	11.2
0276	638543.30	4873722.36	330.95	0	D	2000	66.7	12.7	0.0	0.0	0.0	64.5	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	5.3
0276	638543.30	4873722.36	330.95	0	D	4000	59.1	12.7	0.0	0.0	0.0	64.5	15.4	-2.3	0.0	0.0	7.5	0.0	0.0	-13.4
0276	638543.30	4873722.36	330.95	0	D	8000	50.9	12.7	0.0	0.0	0.0	64.5	55.1	-2.3	0.0	0.0	8.0	0.0	0.0	-61.7
0276	638543.30	4873722.36	330.95	0	N	32	-83.0	12.7	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-139.6
0276	638543.30	4873722.36	330.95	0	N	63	-66.6	12.7	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-123.2
0276	638543.30	4873722.36	330.95	0	N	125	-56.8	12.7	0.0	0.0	0.0	64.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-113.6
0276	638543.30	4873722.36	330.95	0	N	250	-53.9	12.7	0.0	0.0	0.0	64.5	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-111.0
0276	638543.30	4873722.36	330.95	0	N	500	-48.7	12.7	0.0	0.0	0.0	64.5	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-106.2
0276	638543.30	4873722.36	330.95	0	N	1000	-46.2	12.7	0.0	0.0	0.0	64.5	1.7	-2.3	0.0	0.0	7.2	0.0	0.0	-104.6
0276	638543.30	4873722.36	330.95	0	N	2000	-49.1	12.7	0.0	0.0	0.0	64.5	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	-110.5
0276	638543.30	4873722.36	330.95	0	N	4000	-56.7	12.7	0.0	0.0	0.0	64.5	15.4	-2.3	0.0	0.0	7.5	0.0	0.0	-129.2
0276	638543.30	4873722.36	330.95	0	N	8000	-64.9	12.7	0.0	0.0	0.0	64.5	55.1	-2.3	0.0	0.0	8.0	0.0	0.0	-177.5
0276	638543.30	4873722.36	330.95	0	E	32	32.8	12.7	0.0	0.0	0.0	64.5	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-23.8
0276	638543.30	4873722.36	330.95	0	E	63	49.2	12.7	0.0	0.0	0.0	64.5	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-7.4
0276	638543.30	4873722.36	330.95	0	E	125	59.0	12.7	0.0	0.0	0.0	64.5	0.2	1.0	0.0	0.0	3.8	0.0	0.0	2.2
0276	638543.30	4873722.36	330.95	0	E	250	61.9	12.7	0.0	0.0	0.0	64.5	0.5	1.1	0.0	0.0	3.7	0.0	0.0	4.8
0276	638543.30	4873722.36	330.95	0	E	500	67.1	12.7	0.0	0.0	0.0	64.5	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	9.6
0276	638543.30	4873722.36	330.95	0	E	1000	69.6	12.7	0.0	0.0	0.0	64.5	1.7	-2.3	0.0	0.0	7.2	0.0	0.0	11.2
0276	638543.30	4873722.36	330.95	0	E	2000	66.7	12.7	0.0	0.0	0.0	64.5	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	5.3
0276	638543.30	4873722.36	330.95	0	E	4000	59.1	12.7	0.0	0.0	0.0	64.5	15.4	-2.3	0.0	0.0	7.5	0.0	0.0	-13.4
0276	638543.30	4873722.36	330.95	0	E	8000	50.9	12.7	0.0	0.0	0.0	64.5	55.1	-2.3	0.0	0.0	8.0	0.0	0.0	-61.7
0337	638793.37	4873659.55	325.85	0	D	32	32.8	6.8	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-23.8
0337	638793.37	4873659.55	325.85	0	D	63	49.2	6.8	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-7.5
0337	638793.37	4873659.55	325.85	0	D	125	59.0	6.8	0.0	0.0	0.0	58.6	0.1	1.0	0.0	0.0	4.1	0.0	0.0	2.0
0337	638793.37	4873659.55	325.85	0	D	250	61.9	6.8	0.0	0.0	0.0	58.6	0.2	1.7	0.0	0.0	3.6	0.0	0.0	4.5
0337	638793.37	4873659.55	325.85	0	D	500	67.1	6.8	0.0	0.0	0.0	58.6	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	9.0
0337	638793.37	4873659.55	325.85	0	D	1000	69.6	6.8	0.0	0.0	0.0	58.6	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	10.2
0337	638793.37	4873659.55	325.85	0	D	2000	66.7	6.8	0.0	0.0	0.0	58.6	2.3	-1.6	0.0	0.0	9.7	0.0	0.0	4.5
0337	638793.37	4873659.55	325.85	0	D	4000	59.1	6.8	0.0	0.0	0.0	58.6	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-10.5
0337	638793.37	4873659.55	325.85	0	D	8000	50.9	6.8	0.0	0.0	0.0	58.6	28.0	-1.6	0.0	0.0	13.8	0.0	0.0	-41.1
0337	638793.37	4873659.55	325.85	0	N	32	-83.0	6.8	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-139.6

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0337	638793.37	4873659.55	325.85	0	N	63	-66.6	6.8	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-123.3
0337	638793.37	4873659.55	325.85	0	N	125	-56.8	6.8	0.0	0.0	0.0	58.6	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-113.7
0337	638793.37	4873659.55	325.85	0	N	250	-53.9	6.8	0.0	0.0	0.0	58.6	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-111.3
0337	638793.37	4873659.55	325.85	0	N	500	-48.7	6.8	0.0	0.0	0.0	58.6	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	-106.8
0337	638793.37	4873659.55	325.85	0	N	1000	-46.2	6.8	0.0	0.0	0.0	58.6	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	-105.6
0337	638793.37	4873659.55	325.85	0	N	2000	-49.1	6.8	0.0	0.0	0.0	58.6	2.3	-1.6	0.0	0.0	9.7	0.0	0.0	-111.3
0337	638793.37	4873659.55	325.85	0	N	4000	-56.7	6.8	0.0	0.0	0.0	58.6	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-126.3
0337	638793.37	4873659.55	325.85	0	N	8000	-64.9	6.8	0.0	0.0	0.0	58.6	28.0	-1.6	0.0	0.0	13.8	0.0	0.0	-156.9
0337	638793.37	4873659.55	325.85	0	E	32	32.8	6.8	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-23.8
0337	638793.37	4873659.55	325.85	0	E	63	49.2	6.8	0.0	0.0	0.0	58.6	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-7.5
0337	638793.37	4873659.55	325.85	0	E	125	59.0	6.8	0.0	0.0	0.0	58.6	0.1	1.0	0.0	0.0	4.1	0.0	0.0	2.0
0337	638793.37	4873659.55	325.85	0	E	250	61.9	6.8	0.0	0.0	0.0	58.6	0.2	1.7	0.0	0.0	3.6	0.0	0.0	4.5
0337	638793.37	4873659.55	325.85	0	E	500	67.1	6.8	0.0	0.0	0.0	58.6	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	9.0
0337	638793.37	4873659.55	325.85	0	E	1000	69.6	6.8	0.0	0.0	0.0	58.6	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	10.2
0337	638793.37	4873659.55	325.85	0	E	2000	66.7	6.8	0.0	0.0	0.0	58.6	2.3	-1.6	0.0	0.0	9.7	0.0	0.0	4.5
0337	638793.37	4873659.55	325.85	0	E	4000	59.1	6.8	0.0	0.0	0.0	58.6	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-10.5
0337	638793.37	4873659.55	325.85	0	E	8000	50.9	6.8	0.0	0.0	0.0	58.6	28.0	-1.6	0.0	0.0	13.8	0.0	0.0	-41.1
0465	638560.39	4873715.70	330.51	0	D	32	32.8	12.0	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-24.1
0465	638560.39	4873715.70	330.51	0	D	63	49.2	12.0	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-7.7
0465	638560.39	4873715.70	330.51	0	D	125	59.0	12.0	0.0	0.0	0.0	64.2	0.2	1.0	0.0	0.0	3.8	0.0	0.0	1.9
0465	638560.39	4873715.70	330.51	0	D	250	61.9	12.0	0.0	0.0	0.0	64.2	0.5	1.1	0.0	0.0	3.7	0.0	0.0	4.5
0465	638560.39	4873715.70	330.51	0	D	500	67.1	12.0	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	9.3
0465	638560.39	4873715.70	330.51	0	D	1000	69.6	12.0	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	10.9
0465	638560.39	4873715.70	330.51	0	D	2000	66.7	12.0	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.3	0.0	0.0	5.1
0465	638560.39	4873715.70	330.51	0	D	4000	59.1	12.0	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.6	0.0	0.0	-13.3
0465	638560.39	4873715.70	330.51	0	D	8000	50.9	12.0	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	8.2	0.0	0.0	-60.3
0465	638560.39	4873715.70	330.51	0	N	32	-83.0	12.0	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-139.9
0465	638560.39	4873715.70	330.51	0	N	63	-66.6	12.0	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-123.5
0465	638560.39	4873715.70	330.51	0	N	125	-56.8	12.0	0.0	0.0	0.0	64.2	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-113.9
0465	638560.39	4873715.70	330.51	0	N	250	-53.9	12.0	0.0	0.0	0.0	64.2	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-111.3
0465	638560.39	4873715.70	330.51	0	N	500	-48.7	12.0	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	-106.5
0465	638560.39	4873715.70	330.51	0	N	1000	-46.2	12.0	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-104.9
0465	638560.39	4873715.70	330.51	0	N	2000	-49.1	12.0	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.3	0.0	0.0	-110.7
0465	638560.39	4873715.70	330.51	0	N	4000	-56.7	12.0	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.6	0.0	0.0	-129.1
0465	638560.39	4873715.70	330.51	0	N	8000	-64.9	12.0	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	8.2	0.0	0.0	-176.1
0465	638560.39	4873715.70	330.51	0	E	32	32.8	12.0	0.0	0.0	0.0	64.2	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-24.1
0465	638560.39	4873715.70	330.51	0	E	63	49.2	12.0	0.0	0.0	0.0	64.2	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-7.7
0465	638560.39	4873715.70	330.51	0	E	125	59.0	12.0	0.0	0.0	0.0	64.2	0.2	1.0	0.0	0.0	3.8	0.0	0.0	1.9
0465	638560.39	4873715.70	330.51	0	E	250	61.9	12.0	0.0	0.0	0.0	64.2	0.5	1.1	0.0	0.0	3.7	0.0	0.0	4.5
0465	638560.39	4873715.70	330.51	0	E	500	67.1	12.0	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	9.3
0465	638560.39	4873715.70	330.51	0	E	1000	69.6	12.0	0.0	0.0	0.0	64.2	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	10.9
0465	638560.39	4873715.70	330.51	0	E	2000	66.7	12.0	0.0	0.0	0.0	64.2	4.4	-2.2	0.0	0.0	7.3	0.0	0.0	5.1
0465	638560.39	4873715.70	330.51	0	E	4000	59.1	12.0	0.0	0.0	0.0	64.2	14.9	-2.2	0.0	0.0	7.6	0.0	0.0	-13.3
0465	638560.39	4873715.70	330.51	0	E	8000	50.9	12.0	0.0	0.0	0.0	64.2	53.2	-2.2	0.0	0.0	8.2	0.0	0.0	-60.3
0613	638515.65	4873742.73	331.84	0	D	32	32.8	12.9	0.0	0.0	0.0	64.9	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-24.0
0613	638515.65	4873742.73	331.84	0	D	63	49.2	12.9	0.0	0.0	0.0	64.9	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-7.7

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0613	638515.65	4873742.73	331.84	0	D	125	59.0	12.9	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	2.0
0613	638515.65	4873742.73	331.84	0	D	250	61.9	12.9	0.0	0.0	0.0	64.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	4.5
0613	638515.65	4873742.73	331.84	0	D	500	67.1	12.9	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	9.3
0613	638515.65	4873742.73	331.84	0	D	1000	69.6	12.9	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	10.9
0613	638515.65	4873742.73	331.84	0	D	2000	66.7	12.9	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	4.9
0613	638515.65	4873742.73	331.84	0	D	4000	59.1	12.9	0.0	0.0	0.0	64.9	16.3	-2.3	0.0	0.0	7.4	0.0	0.0	-14.4
0613	638515.65	4873742.73	331.84	0	D	8000	50.9	12.9	0.0	0.0	0.0	64.9	58.2	-2.3	0.0	0.0	7.7	0.0	0.0	-64.8
0613	638515.65	4873742.73	331.84	0	N	32	-83.0	12.9	0.0	0.0	0.0	64.9	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-139.8
0613	638515.65	4873742.73	331.84	0	N	63	-66.6	12.9	0.0	0.0	0.0	64.9	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-123.5
0613	638515.65	4873742.73	331.84	0	N	125	-56.8	12.9	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-113.8
0613	638515.65	4873742.73	331.84	0	N	250	-53.9	12.9	0.0	0.0	0.0	64.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-111.3
0613	638515.65	4873742.73	331.84	0	N	500	-48.7	12.9	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-106.5
0613	638515.65	4873742.73	331.84	0	N	1000	-46.2	12.9	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-104.9
0613	638515.65	4873742.73	331.84	0	N	2000	-49.1	12.9	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-110.9
0613	638515.65	4873742.73	331.84	0	N	4000	-56.7	12.9	0.0	0.0	0.0	64.9	16.3	-2.3	0.0	0.0	7.4	0.0	0.0	-130.2
0613	638515.65	4873742.73	331.84	0	N	8000	-64.9	12.9	0.0	0.0	0.0	64.9	58.2	-2.3	0.0	0.0	7.7	0.0	0.0	-180.6
0613	638515.65	4873742.73	331.84	0	E	32	32.8	12.9	0.0	0.0	0.0	64.9	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-24.0
0613	638515.65	4873742.73	331.84	0	E	63	49.2	12.9	0.0	0.0	0.0	64.9	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-7.7
0613	638515.65	4873742.73	331.84	0	E	125	59.0	12.9	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	2.0
0613	638515.65	4873742.73	331.84	0	E	250	61.9	12.9	0.0	0.0	0.0	64.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	4.5
0613	638515.65	4873742.73	331.84	0	E	500	67.1	12.9	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	9.3
0613	638515.65	4873742.73	331.84	0	E	1000	69.6	12.9	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	10.9
0613	638515.65	4873742.73	331.84	0	E	2000	66.7	12.9	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	4.9
0613	638515.65	4873742.73	331.84	0	E	4000	59.1	12.9	0.0	0.0	0.0	64.9	16.3	-2.3	0.0	0.0	7.4	0.0	0.0	-14.4
0613	638515.65	4873742.73	331.84	0	E	8000	50.9	12.9	0.0	0.0	0.0	64.9	58.2	-2.3	0.0	0.0	7.7	0.0	0.0	-64.8
0618	638515.65	4873742.73	331.84	1	D	4000	59.1	12.9	0.0	0.0	0.0	67.9	23.0	-2.6	0.0	0.0	7.4	0.0	2.0	-25.7
0618	638515.65	4873742.73	331.84	1	D	8000	50.9	12.9	0.0	0.0	0.0	67.9	81.9	-2.6	0.0	0.0	7.5	0.0	2.0	-92.8
0618	638515.65	4873742.73	331.84	1	N	4000	-56.7	12.9	0.0	0.0	0.0	67.9	23.0	-2.6	0.0	0.0	7.4	0.0	2.0	-141.5
0618	638515.65	4873742.73	331.84	1	N	8000	-64.9	12.9	0.0	0.0	0.0	67.9	81.9	-2.6	0.0	0.0	7.5	0.0	2.0	-208.6
0618	638515.65	4873742.73	331.84	1	E	4000	59.1	12.9	0.0	0.0	0.0	67.9	23.0	-2.6	0.0	0.0	7.4	0.0	2.0	-25.7
0618	638515.65	4873742.73	331.84	1	E	8000	50.9	12.9	0.0	0.0	0.0	67.9	81.9	-2.6	0.0	0.0	7.5	0.0	2.0	-92.8
0623	638514.08	4873761.66	332.21	0	D	32	32.8	12.8	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-24.1
0623	638514.08	4873761.66	332.21	0	D	63	49.2	12.8	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-7.8
0623	638514.08	4873761.66	332.21	0	D	125	59.0	12.8	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	1.9
0623	638514.08	4873761.66	332.21	0	D	250	61.9	12.8	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	4.4
0623	638514.08	4873761.66	332.21	0	D	500	67.1	12.8	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	9.2
0623	638514.08	4873761.66	332.21	0	D	1000	69.6	12.8	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	10.8
0623	638514.08	4873761.66	332.21	0	D	2000	66.7	12.8	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	4.8
0623	638514.08	4873761.66	332.21	0	D	4000	59.1	12.8	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-14.5
0623	638514.08	4873761.66	332.21	0	D	8000	50.9	12.8	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.6	0.0	0.0	-65.0
0623	638514.08	4873761.66	332.21	0	N	32	-83.0	12.8	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-139.9
0623	638514.08	4873761.66	332.21	0	N	63	-66.6	12.8	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-123.6
0623	638514.08	4873761.66	332.21	0	N	125	-56.8	12.8	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-113.9
0623	638514.08	4873761.66	332.21	0	N	250	-53.9	12.8	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-111.4
0623	638514.08	4873761.66	332.21	0	N	500	-48.7	12.8	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-106.6
0623	638514.08	4873761.66	332.21	0	N	1000	-46.2	12.8	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-105.0

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0623	638514.08	4873761.66	332.21	0	N	2000	-49.1	12.8	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-111.0
0623	638514.08	4873761.66	332.21	0	N	4000	-56.7	12.8	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-130.3
0623	638514.08	4873761.66	332.21	0	N	8000	-64.9	12.8	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.6	0.0	0.0	-180.8
0623	638514.08	4873761.66	332.21	0	E	32	32.8	12.8	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-24.1
0623	638514.08	4873761.66	332.21	0	E	63	49.2	12.8	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-7.8
0623	638514.08	4873761.66	332.21	0	E	125	59.0	12.8	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	1.9
0623	638514.08	4873761.66	332.21	0	E	250	61.9	12.8	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	4.4
0623	638514.08	4873761.66	332.21	0	E	500	67.1	12.8	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	9.2
0623	638514.08	4873761.66	332.21	0	E	1000	69.6	12.8	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	10.8
0623	638514.08	4873761.66	332.21	0	E	2000	66.7	12.8	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	4.8
0623	638514.08	4873761.66	332.21	0	E	4000	59.1	12.8	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-14.5
0623	638514.08	4873761.66	332.21	0	E	8000	50.9	12.8	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.6	0.0	0.0	-65.0
0630	638514.08	4873761.66	332.21	1	D	4000	59.1	12.8	0.0	0.0	0.0	67.7	22.4	-2.6	0.0	0.0	7.4	0.0	2.0	-24.9
0630	638514.08	4873761.66	332.21	1	D	8000	50.9	12.8	0.0	0.0	0.0	67.7	79.8	-2.6	0.0	0.0	7.4	0.0	2.0	-90.5
0630	638514.08	4873761.66	332.21	1	N	4000	-56.7	12.8	0.0	0.0	0.0	67.7	22.4	-2.6	0.0	0.0	7.4	0.0	2.0	-140.7
0630	638514.08	4873761.66	332.21	1	N	8000	-64.9	12.8	0.0	0.0	0.0	67.7	79.8	-2.6	0.0	0.0	7.4	0.0	2.0	-206.3
0630	638514.08	4873761.66	332.21	1	E	4000	59.1	12.8	0.0	0.0	0.0	67.7	22.4	-2.6	0.0	0.0	7.4	0.0	2.0	-24.9
0630	638514.08	4873761.66	332.21	1	E	8000	50.9	12.8	0.0	0.0	0.0	67.7	79.8	-2.6	0.0	0.0	7.4	0.0	2.0	-90.5
0966	638677.80	4873684.56	328.54	0	D	32	32.8	9.3	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-24.4
0966	638677.80	4873684.56	328.54	0	D	63	49.2	9.3	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-8.1
0966	638677.80	4873684.56	328.54	0	D	125	59.0	9.3	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	4.0	0.0	0.0	1.6
0966	638677.80	4873684.56	328.54	0	D	250	61.9	9.3	0.0	0.0	0.0	61.7	0.4	1.3	0.0	0.0	3.6	0.0	0.0	4.2
0966	638677.80	4873684.56	328.54	0	D	500	67.1	9.3	0.0	0.0	0.0	61.7	0.7	-1.5	0.0	0.0	6.6	0.0	0.0	9.0
0966	638677.80	4873684.56	328.54	0	D	1000	69.6	9.3	0.0	0.0	0.0	61.7	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	10.6
0966	638677.80	4873684.56	328.54	0	D	2000	66.7	9.3	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.9	0.0	0.0	5.1
0966	638677.80	4873684.56	328.54	0	D	4000	59.1	9.3	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.8	0.0	0.0	-11.3
0966	638677.80	4873684.56	328.54	0	D	8000	50.9	9.3	0.0	0.0	0.0	61.7	40.1	-2.0	0.0	0.0	10.1	0.0	0.0	-49.7
0966	638677.80	4873684.56	328.54	0	N	32	-83.0	9.3	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-140.2
0966	638677.80	4873684.56	328.54	0	N	63	-66.6	9.3	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-123.9
0966	638677.80	4873684.56	328.54	0	N	125	-56.8	9.3	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-114.2
0966	638677.80	4873684.56	328.54	0	N	250	-53.9	9.3	0.0	0.0	0.0	61.7	0.4	1.3	0.0	0.0	3.6	0.0	0.0	-111.6
0966	638677.80	4873684.56	328.54	0	N	500	-48.7	9.3	0.0	0.0	0.0	61.7	0.7	-1.5	0.0	0.0	6.6	0.0	0.0	-106.8
0966	638677.80	4873684.56	328.54	0	N	1000	-46.2	9.3	0.0	0.0	0.0	61.7	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	-105.2
0966	638677.80	4873684.56	328.54	0	N	2000	-49.1	9.3	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.9	0.0	0.0	-110.7
0966	638677.80	4873684.56	328.54	0	N	4000	-56.7	9.3	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.8	0.0	0.0	-127.1
0966	638677.80	4873684.56	328.54	0	N	8000	-64.9	9.3	0.0	0.0	0.0	61.7	40.1	-2.0	0.0	0.0	10.1	0.0	0.0	-165.5
0966	638677.80	4873684.56	328.54	0	E	32	32.8	9.3	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-24.4
0966	638677.80	4873684.56	328.54	0	E	63	49.2	9.3	0.0	0.0	0.0	61.7	0.0	-4.2	0.0	0.0	9.0	0.0	0.0	-8.1
0966	638677.80	4873684.56	328.54	0	E	125	59.0	9.3	0.0	0.0	0.0	61.7	0.1	0.9	0.0	0.0	4.0	0.0	0.0	1.6
0966	638677.80	4873684.56	328.54	0	E	250	61.9	9.3	0.0	0.0	0.0	61.7	0.4	1.3	0.0	0.0	3.6	0.0	0.0	4.2
0966	638677.80	4873684.56	328.54	0	E	500	67.1	9.3	0.0	0.0	0.0	61.7	0.7	-1.5	0.0	0.0	6.6	0.0	0.0	9.0
0966	638677.80	4873684.56	328.54	0	E	1000	69.6	9.3	0.0	0.0	0.0	61.7	1.3	-2.0	0.0	0.0	7.4	0.0	0.0	10.6
0966	638677.80	4873684.56	328.54	0	E	2000	66.7	9.3	0.0	0.0	0.0	61.7	3.3	-2.0	0.0	0.0	7.9	0.0	0.0	5.1
0966	638677.80	4873684.56	328.54	0	E	4000	59.1	9.3	0.0	0.0	0.0	61.7	11.2	-2.0	0.0	0.0	8.8	0.0	0.0	-11.3
0966	638677.80	4873684.56	328.54	0	E	8000	50.9	9.3	0.0	0.0	0.0	61.7	40.1	-2.0	0.0	0.0	10.1	0.0	0.0	-49.7
0996	638796.08	4873656.14	325.75	0	D	32	32.8	6.0	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-24.6

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
0996	638796.08	4873656.14	325.75	0	D	63	49.2	6.0	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-8.3
0996	638796.08	4873656.14	325.75	0	D	125	59.0	6.0	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.1	0.0	0.0	1.3
0996	638796.08	4873656.14	325.75	0	D	250	61.9	6.0	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	3.8
0996	638796.08	4873656.14	325.75	0	D	500	67.1	6.0	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	8.3
0996	638796.08	4873656.14	325.75	0	D	1000	69.6	6.0	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	9.5
0996	638796.08	4873656.14	325.75	0	D	2000	66.7	6.0	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	3.8
0996	638796.08	4873656.14	325.75	0	D	4000	59.1	6.0	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-11.1
0996	638796.08	4873656.14	325.75	0	D	8000	50.9	6.0	0.0	0.0	0.0	58.5	27.9	-1.6	0.0	0.0	13.8	0.0	0.0	-41.6
0996	638796.08	4873656.14	325.75	0	N	32	-83.0	6.0	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-140.4
0996	638796.08	4873656.14	325.75	0	N	63	-66.6	6.0	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-124.1
0996	638796.08	4873656.14	325.75	0	N	125	-56.8	6.0	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-114.5
0996	638796.08	4873656.14	325.75	0	N	250	-53.9	6.0	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-112.0
0996	638796.08	4873656.14	325.75	0	N	500	-48.7	6.0	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	-107.5
0996	638796.08	4873656.14	325.75	0	N	1000	-46.2	6.0	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	-106.3
0996	638796.08	4873656.14	325.75	0	N	2000	-49.1	6.0	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	-112.0
0996	638796.08	4873656.14	325.75	0	N	4000	-56.7	6.0	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-126.9
0996	638796.08	4873656.14	325.75	0	N	8000	-64.9	6.0	0.0	0.0	0.0	58.5	27.9	-1.6	0.0	0.0	13.8	0.0	0.0	-157.4
0996	638796.08	4873656.14	325.75	0	E	32	32.8	6.0	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-24.6
0996	638796.08	4873656.14	325.75	0	E	63	49.2	6.0	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-8.3
0996	638796.08	4873656.14	325.75	0	E	125	59.0	6.0	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.1	0.0	0.0	1.3
0996	638796.08	4873656.14	325.75	0	E	250	61.9	6.0	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	3.8
0996	638796.08	4873656.14	325.75	0	E	500	67.1	6.0	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	8.3
0996	638796.08	4873656.14	325.75	0	E	1000	69.6	6.0	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	9.5
0996	638796.08	4873656.14	325.75	0	E	2000	66.7	6.0	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	3.8
0996	638796.08	4873656.14	325.75	0	E	4000	59.1	6.0	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-11.1
0996	638796.08	4873656.14	325.75	0	E	8000	50.9	6.0	0.0	0.0	0.0	58.5	27.9	-1.6	0.0	0.0	13.8	0.0	0.0	-41.6
1074	638686.77	4873679.84	328.30	0	D	32	32.8	8.8	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-24.7
1074	638686.77	4873679.84	328.30	0	D	63	49.2	8.8	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	9.0	0.0	0.0	-8.4
1074	638686.77	4873679.84	328.30	0	D	125	59.0	8.8	0.0	0.0	0.0	61.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	1.3
1074	638686.77	4873679.84	328.30	0	D	250	61.9	8.8	0.0	0.0	0.0	61.5	0.3	1.3	0.0	0.0	3.6	0.0	0.0	3.9
1074	638686.77	4873679.84	328.30	0	D	500	67.1	8.8	0.0	0.0	0.0	61.5	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	8.6
1074	638686.77	4873679.84	328.30	0	D	1000	69.6	8.8	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	10.2
1074	638686.77	4873679.84	328.30	0	D	2000	66.7	8.8	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	4.8
1074	638686.77	4873679.84	328.30	0	D	4000	59.1	8.8	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	9.0	0.0	0.0	-11.5
1074	638686.77	4873679.84	328.30	0	D	8000	50.9	8.8	0.0	0.0	0.0	61.5	39.2	-2.0	0.0	0.0	10.4	0.0	0.0	-49.4
1074	638686.77	4873679.84	328.30	0	N	32	-83.0	8.8	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-140.5
1074	638686.77	4873679.84	328.30	0	N	63	-66.6	8.8	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	9.0	0.0	0.0	-124.2
1074	638686.77	4873679.84	328.30	0	N	125	-56.8	8.8	0.0	0.0	0.0	61.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-114.5
1074	638686.77	4873679.84	328.30	0	N	250	-53.9	8.8	0.0	0.0	0.0	61.5	0.3	1.3	0.0	0.0	3.6	0.0	0.0	-111.9
1074	638686.77	4873679.84	328.30	0	N	500	-48.7	8.8	0.0	0.0	0.0	61.5	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	-107.2
1074	638686.77	4873679.84	328.30	0	N	1000	-46.2	8.8	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	-105.6
1074	638686.77	4873679.84	328.30	0	N	2000	-49.1	8.8	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	-111.0
1074	638686.77	4873679.84	328.30	0	N	4000	-56.7	8.8	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	9.0	0.0	0.0	-127.3
1074	638686.77	4873679.84	328.30	0	N	8000	-64.9	8.8	0.0	0.0	0.0	61.5	39.2	-2.0	0.0	0.0	10.4	0.0	0.0	-165.2
1074	638686.77	4873679.84	328.30	0	E	32	32.8	8.8	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-24.7
1074	638686.77	4873679.84	328.30	0	E	63	49.2	8.8	0.0	0.0	0.0	61.5	0.0	-4.1	0.0	0.0	9.0	0.0	0.0	-8.4

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1074	638686.77	4873679.84	328.30	0	E	125	59.0	8.8	0.0	0.0	0.0	61.5	0.1	0.9	0.0	0.0	4.0	0.0	0.0	1.3
1074	638686.77	4873679.84	328.30	0	E	250	61.9	8.8	0.0	0.0	0.0	61.5	0.3	1.3	0.0	0.0	3.6	0.0	0.0	3.9
1074	638686.77	4873679.84	328.30	0	E	500	67.1	8.8	0.0	0.0	0.0	61.5	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	8.6
1074	638686.77	4873679.84	328.30	0	E	1000	69.6	8.8	0.0	0.0	0.0	61.5	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	10.2
1074	638686.77	4873679.84	328.30	0	E	2000	66.7	8.8	0.0	0.0	0.0	61.5	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	4.8
1074	638686.77	4873679.84	328.30	0	E	4000	59.1	8.8	0.0	0.0	0.0	61.5	11.0	-2.0	0.0	0.0	9.0	0.0	0.0	-11.5
1074	638686.77	4873679.84	328.30	0	E	8000	50.9	8.8	0.0	0.0	0.0	61.5	39.2	-2.0	0.0	0.0	10.4	0.0	0.0	-49.4
1081	638689.41	4873679.39	328.23	1	D	8000	50.9	3.4	0.0	0.0	0.0	65.1	59.2	-2.0	0.0	0.0	6.9	0.0	1.0	-75.8
1081	638689.41	4873679.39	328.23	1	N	8000	-64.9	3.4	0.0	0.0	0.0	65.1	59.2	-2.0	0.0	0.0	6.9	0.0	1.0	-191.6
1081	638689.41	4873679.39	328.23	1	E	8000	50.9	3.4	0.0	0.0	0.0	65.1	59.2	-2.0	0.0	0.0	6.9	0.0	1.0	-75.8
1088	638646.10	4873689.52	329.01	0	D	32	32.8	9.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-24.7
1088	638646.10	4873689.52	329.01	0	D	63	49.2	9.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-8.4
1088	638646.10	4873689.52	329.01	0	D	125	59.0	9.7	0.0	0.0	0.0	62.4	0.2	0.9	0.0	0.0	3.9	0.0	0.0	1.3
1088	638646.10	4873689.52	329.01	0	D	250	61.9	9.7	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	3.9
1088	638646.10	4873689.52	329.01	0	D	500	67.1	9.7	0.0	0.0	0.0	62.4	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	8.7
1088	638646.10	4873689.52	329.01	0	D	1000	69.6	9.7	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	10.3
1088	638646.10	4873689.52	329.01	0	D	2000	66.7	9.7	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	4.8
1088	638646.10	4873689.52	329.01	0	D	4000	59.1	9.7	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	8.4	0.0	0.0	-12.1
1088	638646.10	4873689.52	329.01	0	D	8000	50.9	9.7	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	9.5	0.0	0.0	-52.8
1088	638646.10	4873689.52	329.01	0	N	32	-83.0	9.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-140.5
1088	638646.10	4873689.52	329.01	0	N	63	-66.6	9.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-124.2
1088	638646.10	4873689.52	329.01	0	N	125	-56.8	9.7	0.0	0.0	0.0	62.4	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-114.5
1088	638646.10	4873689.52	329.01	0	N	250	-53.9	9.7	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-111.9
1088	638646.10	4873689.52	329.01	0	N	500	-48.7	9.7	0.0	0.0	0.0	62.4	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	-107.1
1088	638646.10	4873689.52	329.01	0	N	1000	-46.2	9.7	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	-105.5
1088	638646.10	4873689.52	329.01	0	N	2000	-49.1	9.7	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	-111.0
1088	638646.10	4873689.52	329.01	0	N	4000	-56.7	9.7	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	8.4	0.0	0.0	-127.9
1088	638646.10	4873689.52	329.01	0	N	8000	-64.9	9.7	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	9.5	0.0	0.0	-168.6
1088	638646.10	4873689.52	329.01	0	E	32	32.8	9.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-24.7
1088	638646.10	4873689.52	329.01	0	E	63	49.2	9.7	0.0	0.0	0.0	62.4	0.0	-4.3	0.0	0.0	9.1	0.0	0.0	-8.4
1088	638646.10	4873689.52	329.01	0	E	125	59.0	9.7	0.0	0.0	0.0	62.4	0.2	0.9	0.0	0.0	3.9	0.0	0.0	1.3
1088	638646.10	4873689.52	329.01	0	E	250	61.9	9.7	0.0	0.0	0.0	62.4	0.4	1.2	0.0	0.0	3.7	0.0	0.0	3.9
1088	638646.10	4873689.52	329.01	0	E	500	67.1	9.7	0.0	0.0	0.0	62.4	0.7	-1.6	0.0	0.0	6.6	0.0	0.0	8.7
1088	638646.10	4873689.52	329.01	0	E	1000	69.6	9.7	0.0	0.0	0.0	62.4	1.4	-2.1	0.0	0.0	7.3	0.0	0.0	10.3
1088	638646.10	4873689.52	329.01	0	E	2000	66.7	9.7	0.0	0.0	0.0	62.4	3.6	-2.1	0.0	0.0	7.7	0.0	0.0	4.8
1088	638646.10	4873689.52	329.01	0	E	4000	59.1	9.7	0.0	0.0	0.0	62.4	12.2	-2.1	0.0	0.0	8.4	0.0	0.0	-12.1
1088	638646.10	4873689.52	329.01	0	E	8000	50.9	9.7	0.0	0.0	0.0	62.4	43.6	-2.1	0.0	0.0	9.5	0.0	0.0	-52.8
1403	638519.63	4873757.97	332.04	0	D	32	32.8	11.5	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.3
1403	638519.63	4873757.97	332.04	0	D	63	49.2	11.5	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-8.9
1403	638519.63	4873757.97	332.04	0	D	125	59.0	11.5	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	0.7
1403	638519.63	4873757.97	332.04	0	D	250	61.9	11.5	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	3.3
1403	638519.63	4873757.97	332.04	0	D	500	67.1	11.5	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	8.0
1403	638519.63	4873757.97	332.04	0	D	1000	69.6	11.5	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	9.6
1403	638519.63	4873757.97	332.04	0	D	2000	66.7	11.5	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	3.7
1403	638519.63	4873757.97	332.04	0	D	4000	59.1	11.5	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.3	0.0	0.0	-15.5
1403	638519.63	4873757.97	332.04	0	D	8000	50.9	11.5	0.0	0.0	0.0	64.9	57.8	-2.3	0.0	0.0	7.6	0.0	0.0	-65.5

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1403	638519.63	4873757.97	332.04	0	N	32	-83.0	11.5	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-141.1
1403	638519.63	4873757.97	332.04	0	N	63	-66.6	11.5	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-124.7
1403	638519.63	4873757.97	332.04	0	N	125	-56.8	11.5	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-115.1
1403	638519.63	4873757.97	332.04	0	N	250	-53.9	11.5	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-112.5
1403	638519.63	4873757.97	332.04	0	N	500	-48.7	11.5	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-107.8
1403	638519.63	4873757.97	332.04	0	N	1000	-46.2	11.5	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-106.1
1403	638519.63	4873757.97	332.04	0	N	2000	-49.1	11.5	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-112.1
1403	638519.63	4873757.97	332.04	0	N	4000	-56.7	11.5	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.3	0.0	0.0	-131.3
1403	638519.63	4873757.97	332.04	0	N	8000	-64.9	11.5	0.0	0.0	0.0	64.9	57.8	-2.3	0.0	0.0	7.6	0.0	0.0	-181.3
1403	638519.63	4873757.97	332.04	0	E	32	32.8	11.5	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.3
1403	638519.63	4873757.97	332.04	0	E	63	49.2	11.5	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-8.9
1403	638519.63	4873757.97	332.04	0	E	125	59.0	11.5	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	0.7
1403	638519.63	4873757.97	332.04	0	E	250	61.9	11.5	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	3.3
1403	638519.63	4873757.97	332.04	0	E	500	67.1	11.5	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	8.0
1403	638519.63	4873757.97	332.04	0	E	1000	69.6	11.5	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	9.6
1403	638519.63	4873757.97	332.04	0	E	2000	66.7	11.5	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	3.7
1403	638519.63	4873757.97	332.04	0	E	4000	59.1	11.5	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.3	0.0	0.0	-15.5
1403	638519.63	4873757.97	332.04	0	E	8000	50.9	11.5	0.0	0.0	0.0	64.9	57.8	-2.3	0.0	0.0	7.6	0.0	0.0	-65.5
1410	638519.63	4873757.97	332.04	1	D	4000	59.1	11.5	0.0	0.0	0.0	67.7	22.5	-2.7	0.0	0.0	7.5	0.0	2.0	-26.3
1410	638519.63	4873757.97	332.04	1	D	8000	50.9	11.5	0.0	0.0	0.0	67.7	80.1	-2.7	0.0	0.0	7.5	0.0	2.0	-92.1
1410	638519.63	4873757.97	332.04	1	N	4000	-56.7	11.5	0.0	0.0	0.0	67.7	22.5	-2.7	0.0	0.0	7.5	0.0	2.0	-142.1
1410	638519.63	4873757.97	332.04	1	N	8000	-64.9	11.5	0.0	0.0	0.0	67.7	80.1	-2.7	0.0	0.0	7.5	0.0	2.0	-207.9
1410	638519.63	4873757.97	332.04	1	E	4000	59.1	11.5	0.0	0.0	0.0	67.7	22.5	-2.7	0.0	0.0	7.5	0.0	2.0	-26.3
1410	638519.63	4873757.97	332.04	1	E	8000	50.9	11.5	0.0	0.0	0.0	67.7	80.1	-2.7	0.0	0.0	7.5	0.0	2.0	-92.1
1418	638521.23	4873744.08	331.76	0	D	32	32.8	11.5	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.3
1418	638521.23	4873744.08	331.76	0	D	63	49.2	11.5	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.0
1418	638521.23	4873744.08	331.76	0	D	125	59.0	11.5	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	0.7
1418	638521.23	4873744.08	331.76	0	D	250	61.9	11.5	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	3.3
1418	638521.23	4873744.08	331.76	0	D	500	67.1	11.5	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	8.0
1418	638521.23	4873744.08	331.76	0	D	1000	69.6	11.5	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	9.6
1418	638521.23	4873744.08	331.76	0	D	2000	66.7	11.5	0.0	0.0	0.0	64.8	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	3.7
1418	638521.23	4873744.08	331.76	0	D	4000	59.1	11.5	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-15.5
1418	638521.23	4873744.08	331.76	0	D	8000	50.9	11.5	0.0	0.0	0.0	64.8	57.6	-2.3	0.0	0.0	7.7	0.0	0.0	-65.4
1418	638521.23	4873744.08	331.76	0	N	32	-83.0	11.5	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-141.1
1418	638521.23	4873744.08	331.76	0	N	63	-66.6	11.5	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-124.8
1418	638521.23	4873744.08	331.76	0	N	125	-56.8	11.5	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-115.1
1418	638521.23	4873744.08	331.76	0	N	250	-53.9	11.5	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-112.5
1418	638521.23	4873744.08	331.76	0	N	500	-48.7	11.5	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-107.8
1418	638521.23	4873744.08	331.76	0	N	1000	-46.2	11.5	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-106.2
1418	638521.23	4873744.08	331.76	0	N	2000	-49.1	11.5	0.0	0.0	0.0	64.8	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-112.1
1418	638521.23	4873744.08	331.76	0	N	4000	-56.7	11.5	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-131.3
1418	638521.23	4873744.08	331.76	0	N	8000	-64.9	11.5	0.0	0.0	0.0	64.8	57.6	-2.3	0.0	0.0	7.7	0.0	0.0	-181.2
1418	638521.23	4873744.08	331.76	0	E	32	32.8	11.5	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.3
1418	638521.23	4873744.08	331.76	0	E	63	49.2	11.5	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.0
1418	638521.23	4873744.08	331.76	0	E	125	59.0	11.5	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	0.7
1418	638521.23	4873744.08	331.76	0	E	250	61.9	11.5	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	3.3

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1418	638521.23	4873744.08	331.76	0	E	500	67.1	11.5	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	8.0
1418	638521.23	4873744.08	331.76	0	E	1000	69.6	11.5	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	9.6
1418	638521.23	4873744.08	331.76	0	E	2000	66.7	11.5	0.0	0.0	0.0	64.8	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	3.7
1418	638521.23	4873744.08	331.76	0	E	4000	59.1	11.5	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-15.5
1418	638521.23	4873744.08	331.76	0	E	8000	50.9	11.5	0.0	0.0	0.0	64.8	57.6	-2.3	0.0	0.0	7.7	0.0	0.0	-65.4
1424	638521.23	4873744.08	331.76	1	D	4000	59.1	11.5	0.0	0.0	0.0	67.9	22.9	-2.7	0.0	0.0	7.5	0.0	2.0	-26.9
1424	638521.23	4873744.08	331.76	1	D	8000	50.9	11.5	0.0	0.0	0.0	67.9	81.6	-2.7	0.0	0.0	7.5	0.0	2.0	-93.9
1424	638521.23	4873744.08	331.76	1	N	4000	-56.7	11.5	0.0	0.0	0.0	67.9	22.9	-2.7	0.0	0.0	7.5	0.0	2.0	-142.7
1424	638521.23	4873744.08	331.76	1	N	8000	-64.9	11.5	0.0	0.0	0.0	67.9	81.6	-2.7	0.0	0.0	7.5	0.0	2.0	-209.7
1424	638521.23	4873744.08	331.76	1	E	4000	59.1	11.5	0.0	0.0	0.0	67.9	22.9	-2.7	0.0	0.0	7.5	0.0	2.0	-26.9
1424	638521.23	4873744.08	331.76	1	E	8000	50.9	11.5	0.0	0.0	0.0	67.9	81.6	-2.7	0.0	0.0	7.5	0.0	2.0	-93.9
1553	638574.16	4873707.48	330.13	0	D	32	32.8	10.4	0.0	0.0	0.0	63.9	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-25.5
1553	638574.16	4873707.48	330.13	0	D	63	49.2	10.4	0.0	0.0	0.0	63.9	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-9.1
1553	638574.16	4873707.48	330.13	0	D	125	59.0	10.4	0.0	0.0	0.0	63.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	0.5
1553	638574.16	4873707.48	330.13	0	D	250	61.9	10.4	0.0	0.0	0.0	63.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	3.1
1553	638574.16	4873707.48	330.13	0	D	500	67.1	10.4	0.0	0.0	0.0	63.9	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	7.9
1553	638574.16	4873707.48	330.13	0	D	1000	69.6	10.4	0.0	0.0	0.0	63.9	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	9.5
1553	638574.16	4873707.48	330.13	0	D	2000	66.7	10.4	0.0	0.0	0.0	63.9	4.3	-2.2	0.0	0.0	7.4	0.0	0.0	3.8
1553	638574.16	4873707.48	330.13	0	D	4000	59.1	10.4	0.0	0.0	0.0	63.9	14.5	-2.2	0.0	0.0	7.7	0.0	0.0	-14.4
1553	638574.16	4873707.48	330.13	0	D	8000	50.9	10.4	0.0	0.0	0.0	63.9	51.7	-2.2	0.0	0.0	8.4	0.0	0.0	-60.4
1553	638574.16	4873707.48	330.13	0	N	32	-83.0	10.4	0.0	0.0	0.0	63.9	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-141.3
1553	638574.16	4873707.48	330.13	0	N	63	-66.6	10.4	0.0	0.0	0.0	63.9	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-124.9
1553	638574.16	4873707.48	330.13	0	N	125	-56.8	10.4	0.0	0.0	0.0	63.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-115.2
1553	638574.16	4873707.48	330.13	0	N	250	-53.9	10.4	0.0	0.0	0.0	63.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-112.7
1553	638574.16	4873707.48	330.13	0	N	500	-48.7	10.4	0.0	0.0	0.0	63.9	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	-107.9
1553	638574.16	4873707.48	330.13	0	N	1000	-46.2	10.4	0.0	0.0	0.0	63.9	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	-106.3
1553	638574.16	4873707.48	330.13	0	N	2000	-49.1	10.4	0.0	0.0	0.0	63.9	4.3	-2.2	0.0	0.0	7.4	0.0	0.0	-112.0
1553	638574.16	4873707.48	330.13	0	N	4000	-56.7	10.4	0.0	0.0	0.0	63.9	14.5	-2.2	0.0	0.0	7.7	0.0	0.0	-130.2
1553	638574.16	4873707.48	330.13	0	N	8000	-64.9	10.4	0.0	0.0	0.0	63.9	51.7	-2.2	0.0	0.0	8.4	0.0	0.0	-176.2
1553	638574.16	4873707.48	330.13	0	E	32	32.8	10.4	0.0	0.0	0.0	63.9	0.0	-4.6	0.0	0.0	9.4	0.0	0.0	-25.5
1553	638574.16	4873707.48	330.13	0	E	63	49.2	10.4	0.0	0.0	0.0	63.9	0.1	-4.6	0.0	0.0	9.4	0.0	0.0	-9.1
1553	638574.16	4873707.48	330.13	0	E	125	59.0	10.4	0.0	0.0	0.0	63.9	0.2	1.0	0.0	0.0	3.8	0.0	0.0	0.5
1553	638574.16	4873707.48	330.13	0	E	250	61.9	10.4	0.0	0.0	0.0	63.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	3.1
1553	638574.16	4873707.48	330.13	0	E	500	67.1	10.4	0.0	0.0	0.0	63.9	0.9	-1.7	0.0	0.0	6.6	0.0	0.0	7.9
1553	638574.16	4873707.48	330.13	0	E	1000	69.6	10.4	0.0	0.0	0.0	63.9	1.6	-2.2	0.0	0.0	7.2	0.0	0.0	9.5
1553	638574.16	4873707.48	330.13	0	E	2000	66.7	10.4	0.0	0.0	0.0	63.9	4.3	-2.2	0.0	0.0	7.4	0.0	0.0	3.8
1553	638574.16	4873707.48	330.13	0	E	4000	59.1	10.4	0.0	0.0	0.0	63.9	14.5	-2.2	0.0	0.0	7.7	0.0	0.0	-14.4
1553	638574.16	4873707.48	330.13	0	E	8000	50.9	10.4	0.0	0.0	0.0	63.9	51.7	-2.2	0.0	0.0	8.4	0.0	0.0	-60.4
1561	638546.34	4873718.52	330.82	0	D	32	32.8	10.7	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.6
1561	638546.34	4873718.52	330.82	0	D	63	49.2	10.7	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.3
1561	638546.34	4873718.52	330.82	0	D	125	59.0	10.7	0.0	0.0	0.0	64.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	0.4
1561	638546.34	4873718.52	330.82	0	D	250	61.9	10.7	0.0	0.0	0.0	64.4	0.5	1.1	0.0	0.0	3.7	0.0	0.0	3.0
1561	638546.34	4873718.52	330.82	0	D	500	67.1	10.7	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	7.7
1561	638546.34	4873718.52	330.82	0	D	1000	69.6	10.7	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	9.3
1561	638546.34	4873718.52	330.82	0	D	2000	66.7	10.7	0.0	0.0	0.0	64.4	4.5	-2.3	0.0	0.0	7.3	0.0	0.0	3.5
1561	638546.34	4873718.52	330.82	0	D	4000	59.1	10.7	0.0	0.0	0.0	64.4	15.4	-2.3	0.0	0.0	7.6	0.0	0.0	-15.2

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1561	638546.34	4873718.52	330.82	0	D	8000	50.9	10.7	0.0	0.0	0.0	64.4	54.8	-2.3	0.0	0.0	8.0	0.0	0.0	-63.3
1561	638546.34	4873718.52	330.82	0	N	32	-83.0	10.7	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-141.4
1561	638546.34	4873718.52	330.82	0	N	63	-66.6	10.7	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-125.1
1561	638546.34	4873718.52	330.82	0	N	125	-56.8	10.7	0.0	0.0	0.0	64.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-115.4
1561	638546.34	4873718.52	330.82	0	N	250	-53.9	10.7	0.0	0.0	0.0	64.4	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-112.8
1561	638546.34	4873718.52	330.82	0	N	500	-48.7	10.7	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-108.1
1561	638546.34	4873718.52	330.82	0	N	1000	-46.2	10.7	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-106.5
1561	638546.34	4873718.52	330.82	0	N	2000	-49.1	10.7	0.0	0.0	0.0	64.4	4.5	-2.3	0.0	0.0	7.3	0.0	0.0	-112.3
1561	638546.34	4873718.52	330.82	0	N	4000	-56.7	10.7	0.0	0.0	0.0	64.4	15.4	-2.3	0.0	0.0	7.6	0.0	0.0	-131.0
1561	638546.34	4873718.52	330.82	0	N	8000	-64.9	10.7	0.0	0.0	0.0	64.4	54.8	-2.3	0.0	0.0	8.0	0.0	0.0	-179.1
1561	638546.34	4873718.52	330.82	0	E	32	32.8	10.7	0.0	0.0	0.0	64.4	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-25.6
1561	638546.34	4873718.52	330.82	0	E	63	49.2	10.7	0.0	0.0	0.0	64.4	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.3
1561	638546.34	4873718.52	330.82	0	E	125	59.0	10.7	0.0	0.0	0.0	64.4	0.2	1.0	0.0	0.0	3.8	0.0	0.0	0.4
1561	638546.34	4873718.52	330.82	0	E	250	61.9	10.7	0.0	0.0	0.0	64.4	0.5	1.1	0.0	0.0	3.7	0.0	0.0	3.0
1561	638546.34	4873718.52	330.82	0	E	500	67.1	10.7	0.0	0.0	0.0	64.4	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	7.7
1561	638546.34	4873718.52	330.82	0	E	1000	69.6	10.7	0.0	0.0	0.0	64.4	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	9.3
1561	638546.34	4873718.52	330.82	0	E	2000	66.7	10.7	0.0	0.0	0.0	64.4	4.5	-2.3	0.0	0.0	7.3	0.0	0.0	3.5
1561	638546.34	4873718.52	330.82	0	E	4000	59.1	10.7	0.0	0.0	0.0	64.4	15.4	-2.3	0.0	0.0	7.6	0.0	0.0	-15.2
1561	638546.34	4873718.52	330.82	0	E	8000	50.9	10.7	0.0	0.0	0.0	64.4	54.8	-2.3	0.0	0.0	8.0	0.0	0.0	-63.3
1625	638528.24	4873730.80	331.39	0	D	32	32.8	10.6	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-26.1
1625	638528.24	4873730.80	331.39	0	D	63	49.2	10.6	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.7
1625	638528.24	4873730.80	331.39	0	D	125	59.0	10.6	0.0	0.0	0.0	64.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-0.1
1625	638528.24	4873730.80	331.39	0	D	250	61.9	10.6	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	2.5
1625	638528.24	4873730.80	331.39	0	D	500	67.1	10.6	0.0	0.0	0.0	64.7	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	7.3
1625	638528.24	4873730.80	331.39	0	D	1000	69.6	10.6	0.0	0.0	0.0	64.7	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	8.9
1625	638528.24	4873730.80	331.39	0	D	2000	66.7	10.6	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	2.9
1625	638528.24	4873730.80	331.39	0	D	4000	59.1	10.6	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.5	0.0	0.0	-16.1
1625	638528.24	4873730.80	331.39	0	D	8000	50.9	10.6	0.0	0.0	0.0	64.7	56.8	-2.3	0.0	0.0	7.8	0.0	0.0	-65.5
1625	638528.24	4873730.80	331.39	0	N	32	-83.0	10.6	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-141.9
1625	638528.24	4873730.80	331.39	0	N	63	-66.6	10.6	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-125.5
1625	638528.24	4873730.80	331.39	0	N	125	-56.8	10.6	0.0	0.0	0.0	64.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-115.9
1625	638528.24	4873730.80	331.39	0	N	250	-53.9	10.6	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-113.3
1625	638528.24	4873730.80	331.39	0	N	500	-48.7	10.6	0.0	0.0	0.0	64.7	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-108.5
1625	638528.24	4873730.80	331.39	0	N	1000	-46.2	10.6	0.0	0.0	0.0	64.7	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-106.9
1625	638528.24	4873730.80	331.39	0	N	2000	-49.1	10.6	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	-112.9
1625	638528.24	4873730.80	331.39	0	N	4000	-56.7	10.6	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.5	0.0	0.0	-131.9
1625	638528.24	4873730.80	331.39	0	N	8000	-64.9	10.6	0.0	0.0	0.0	64.7	56.8	-2.3	0.0	0.0	7.8	0.0	0.0	-181.3
1625	638528.24	4873730.80	331.39	0	E	32	32.8	10.6	0.0	0.0	0.0	64.7	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-26.1
1625	638528.24	4873730.80	331.39	0	E	63	49.2	10.6	0.0	0.0	0.0	64.7	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.7
1625	638528.24	4873730.80	331.39	0	E	125	59.0	10.6	0.0	0.0	0.0	64.7	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-0.1
1625	638528.24	4873730.80	331.39	0	E	250	61.9	10.6	0.0	0.0	0.0	64.7	0.5	1.0	0.0	0.0	3.8	0.0	0.0	2.5
1625	638528.24	4873730.80	331.39	0	E	500	67.1	10.6	0.0	0.0	0.0	64.7	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	7.3
1625	638528.24	4873730.80	331.39	0	E	1000	69.6	10.6	0.0	0.0	0.0	64.7	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	8.9
1625	638528.24	4873730.80	331.39	0	E	2000	66.7	10.6	0.0	0.0	0.0	64.7	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	2.9
1625	638528.24	4873730.80	331.39	0	E	4000	59.1	10.6	0.0	0.0	0.0	64.7	15.9	-2.3	0.0	0.0	7.5	0.0	0.0	-16.1
1625	638528.24	4873730.80	331.39	0	E	8000	50.9	10.6	0.0	0.0	0.0	64.7	56.8	-2.3	0.0	0.0	7.8	0.0	0.0	-65.5

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1631	638524.27	4873734.32	331.52	1	D	4000	59.1	-0.5	0.0	0.0	0.0	68.0	23.2	-2.8	0.0	0.0	7.6	0.0	2.0	-39.3
1631	638524.27	4873734.32	331.52	1	D	8000	50.9	-0.5	0.0	0.0	0.0	68.0	82.7	-2.8	0.0	0.0	7.6	0.0	2.0	-107.1
1631	638524.27	4873734.32	331.52	1	N	4000	-56.7	-0.5	0.0	0.0	0.0	68.0	23.2	-2.8	0.0	0.0	7.6	0.0	2.0	-155.1
1631	638524.27	4873734.32	331.52	1	N	8000	-64.9	-0.5	0.0	0.0	0.0	68.0	82.7	-2.8	0.0	0.0	7.6	0.0	2.0	-222.9
1631	638524.27	4873734.32	331.52	1	E	4000	59.1	-0.5	0.0	0.0	0.0	68.0	23.2	-2.8	0.0	0.0	7.6	0.0	2.0	-39.3
1631	638524.27	4873734.32	331.52	1	E	8000	50.9	-0.5	0.0	0.0	0.0	68.0	82.7	-2.8	0.0	0.0	7.6	0.0	2.0	-107.1
1646	638535.78	4873722.68	331.10	0	D	32	32.8	10.4	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-26.2
1646	638535.78	4873722.68	331.10	0	D	63	49.2	10.4	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.8
1646	638535.78	4873722.68	331.10	0	D	125	59.0	10.4	0.0	0.0	0.0	64.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-0.2
1646	638535.78	4873722.68	331.10	0	D	250	61.9	10.4	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	2.4
1646	638535.78	4873722.68	331.10	0	D	500	67.1	10.4	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	7.1
1646	638535.78	4873722.68	331.10	0	D	1000	69.6	10.4	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	8.8
1646	638535.78	4873722.68	331.10	0	D	2000	66.7	10.4	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	2.9
1646	638535.78	4873722.68	331.10	0	D	4000	59.1	10.4	0.0	0.0	0.0	64.6	15.7	-2.3	0.0	0.0	7.5	0.0	0.0	-16.0
1646	638535.78	4873722.68	331.10	0	D	8000	50.9	10.4	0.0	0.0	0.0	64.6	56.0	-2.3	0.0	0.0	7.9	0.0	0.0	-64.9
1646	638535.78	4873722.68	331.10	0	N	32	-83.0	10.4	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-142.0
1646	638535.78	4873722.68	331.10	0	N	63	-66.6	10.4	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-125.6
1646	638535.78	4873722.68	331.10	0	N	125	-56.8	10.4	0.0	0.0	0.0	64.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-116.0
1646	638535.78	4873722.68	331.10	0	N	250	-53.9	10.4	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-113.4
1646	638535.78	4873722.68	331.10	0	N	500	-48.7	10.4	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-108.7
1646	638535.78	4873722.68	331.10	0	N	1000	-46.2	10.4	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	-107.0
1646	638535.78	4873722.68	331.10	0	N	2000	-49.1	10.4	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	-112.9
1646	638535.78	4873722.68	331.10	0	N	4000	-56.7	10.4	0.0	0.0	0.0	64.6	15.7	-2.3	0.0	0.0	7.5	0.0	0.0	-131.8
1646	638535.78	4873722.68	331.10	0	N	8000	-64.9	10.4	0.0	0.0	0.0	64.6	56.0	-2.3	0.0	0.0	7.9	0.0	0.0	-180.7
1646	638535.78	4873722.68	331.10	0	E	32	32.8	10.4	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-26.2
1646	638535.78	4873722.68	331.10	0	E	63	49.2	10.4	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-9.8
1646	638535.78	4873722.68	331.10	0	E	125	59.0	10.4	0.0	0.0	0.0	64.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-0.2
1646	638535.78	4873722.68	331.10	0	E	250	61.9	10.4	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	2.4
1646	638535.78	4873722.68	331.10	0	E	500	67.1	10.4	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	7.1
1646	638535.78	4873722.68	331.10	0	E	1000	69.6	10.4	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	8.8
1646	638535.78	4873722.68	331.10	0	E	2000	66.7	10.4	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	2.9
1646	638535.78	4873722.68	331.10	0	E	4000	59.1	10.4	0.0	0.0	0.0	64.6	15.7	-2.3	0.0	0.0	7.5	0.0	0.0	-16.0
1646	638535.78	4873722.68	331.10	0	E	8000	50.9	10.4	0.0	0.0	0.0	64.6	56.0	-2.3	0.0	0.0	7.9	0.0	0.0	-64.9
1764	638799.39	4873653.14	325.67	0	D	32	32.8	3.9	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-26.5
1764	638799.39	4873653.14	325.67	0	D	63	49.2	3.9	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-10.2
1764	638799.39	4873653.14	325.67	0	D	125	59.0	3.9	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-0.7
1764	638799.39	4873653.14	325.67	0	D	250	61.9	3.9	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	1.8
1764	638799.39	4873653.14	325.67	0	D	500	67.1	3.9	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.9	0.0	0.0	6.3
1764	638799.39	4873653.14	325.67	0	D	1000	69.6	3.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	7.5
1764	638799.39	4873653.14	325.67	0	D	2000	66.7	3.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	1.9
1764	638799.39	4873653.14	325.67	0	D	4000	59.1	3.9	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-13.0
1764	638799.39	4873653.14	325.67	0	D	8000	50.9	3.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.7	0.0	0.0	-43.4
1764	638799.39	4873653.14	325.67	0	N	32	-83.0	3.9	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-142.3
1764	638799.39	4873653.14	325.67	0	N	63	-66.6	3.9	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-126.0
1764	638799.39	4873653.14	325.67	0	N	125	-56.8	3.9	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-116.5
1764	638799.39	4873653.14	325.67	0	N	250	-53.9	3.9	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-114.0

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1764	638799.39	4873653.14	325.67	0	N	500	-48.7	3.9	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.9	0.0	0.0	-109.5
1764	638799.39	4873653.14	325.67	0	N	1000	-46.2	3.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	-108.3
1764	638799.39	4873653.14	325.67	0	N	2000	-49.1	3.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	-113.9
1764	638799.39	4873653.14	325.67	0	N	4000	-56.7	3.9	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-128.8
1764	638799.39	4873653.14	325.67	0	N	8000	-64.9	3.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.7	0.0	0.0	-159.2
1764	638799.39	4873653.14	325.67	0	E	32	32.8	3.9	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-26.5
1764	638799.39	4873653.14	325.67	0	E	63	49.2	3.9	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-10.2
1764	638799.39	4873653.14	325.67	0	E	125	59.0	3.9	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-0.7
1764	638799.39	4873653.14	325.67	0	E	250	61.9	3.9	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	1.8
1764	638799.39	4873653.14	325.67	0	E	500	67.1	3.9	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.9	0.0	0.0	6.3
1764	638799.39	4873653.14	325.67	0	E	1000	69.6	3.9	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	7.5
1764	638799.39	4873653.14	325.67	0	E	2000	66.7	3.9	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	1.9
1764	638799.39	4873653.14	325.67	0	E	4000	59.1	3.9	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-13.0
1764	638799.39	4873653.14	325.67	0	E	8000	50.9	3.9	0.0	0.0	0.0	58.5	27.6	-1.6	0.0	0.0	13.7	0.0	0.0	-43.4
1980	638512.30	4873816.59	331.62	0	D	32	32.8	9.6	0.0	0.0	0.0	65.1	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-27.4
1980	638512.30	4873816.59	331.62	0	D	63	49.2	9.6	0.0	0.0	0.0	65.1	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-11.0
1980	638512.30	4873816.59	331.62	0	D	125	59.0	9.6	0.0	0.0	0.0	65.1	0.2	1.2	0.0	0.0	3.6	0.0	0.0	-1.4
1980	638512.30	4873816.59	331.62	0	D	250	61.9	9.6	0.0	0.0	0.0	65.1	0.5	1.1	0.0	0.0	3.7	0.0	0.0	1.2
1980	638512.30	4873816.59	331.62	0	D	500	67.1	9.6	0.0	0.0	0.0	65.1	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	5.9
1980	638512.30	4873816.59	331.62	0	D	1000	69.6	9.6	0.0	0.0	0.0	65.1	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	7.5
1980	638512.30	4873816.59	331.62	0	D	2000	66.7	9.6	0.0	0.0	0.0	65.1	4.9	-2.3	0.0	0.0	7.2	0.0	0.0	1.5
1980	638512.30	4873816.59	331.62	0	D	4000	59.1	9.6	0.0	0.0	0.0	65.1	16.6	-2.3	0.0	0.0	7.3	0.0	0.0	-17.9
1980	638512.30	4873816.59	331.62	0	D	8000	50.9	9.6	0.0	0.0	0.0	65.1	59.1	-2.3	0.0	0.0	7.5	0.0	0.0	-68.8
1980	638512.30	4873816.59	331.62	0	N	32	-83.0	9.6	0.0	0.0	0.0	65.1	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-143.2
1980	638512.30	4873816.59	331.62	0	N	63	-66.6	9.6	0.0	0.0	0.0	65.1	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-126.8
1980	638512.30	4873816.59	331.62	0	N	125	-56.8	9.6	0.0	0.0	0.0	65.1	0.2	1.2	0.0	0.0	3.6	0.0	0.0	-117.2
1980	638512.30	4873816.59	331.62	0	N	250	-53.9	9.6	0.0	0.0	0.0	65.1	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-114.6
1980	638512.30	4873816.59	331.62	0	N	500	-48.7	9.6	0.0	0.0	0.0	65.1	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-109.9
1980	638512.30	4873816.59	331.62	0	N	1000	-46.2	9.6	0.0	0.0	0.0	65.1	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-108.3
1980	638512.30	4873816.59	331.62	0	N	2000	-49.1	9.6	0.0	0.0	0.0	65.1	4.9	-2.3	0.0	0.0	7.2	0.0	0.0	-114.3
1980	638512.30	4873816.59	331.62	0	N	4000	-56.7	9.6	0.0	0.0	0.0	65.1	16.6	-2.3	0.0	0.0	7.3	0.0	0.0	-133.7
1980	638512.30	4873816.59	331.62	0	N	8000	-64.9	9.6	0.0	0.0	0.0	65.1	59.1	-2.3	0.0	0.0	7.5	0.0	0.0	-184.6
1980	638512.30	4873816.59	331.62	0	E	32	32.8	9.6	0.0	0.0	0.0	65.1	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-27.4
1980	638512.30	4873816.59	331.62	0	E	63	49.2	9.6	0.0	0.0	0.0	65.1	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-11.0
1980	638512.30	4873816.59	331.62	0	E	125	59.0	9.6	0.0	0.0	0.0	65.1	0.2	1.2	0.0	0.0	3.6	0.0	0.0	-1.4
1980	638512.30	4873816.59	331.62	0	E	250	61.9	9.6	0.0	0.0	0.0	65.1	0.5	1.1	0.0	0.0	3.7	0.0	0.0	1.2
1980	638512.30	4873816.59	331.62	0	E	500	67.1	9.6	0.0	0.0	0.0	65.1	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	5.9
1980	638512.30	4873816.59	331.62	0	E	1000	69.6	9.6	0.0	0.0	0.0	65.1	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	7.5
1980	638512.30	4873816.59	331.62	0	E	2000	66.7	9.6	0.0	0.0	0.0	65.1	4.9	-2.3	0.0	0.0	7.2	0.0	0.0	1.5
1980	638512.30	4873816.59	331.62	0	E	4000	59.1	9.6	0.0	0.0	0.0	65.1	16.6	-2.3	0.0	0.0	7.3	0.0	0.0	-17.9
1980	638512.30	4873816.59	331.62	0	E	8000	50.9	9.6	0.0	0.0	0.0	65.1	59.1	-2.3	0.0	0.0	7.5	0.0	0.0	-68.8
1986	638512.30	4873816.59	331.62	1	D	4000	59.1	9.6	0.0	0.0	0.0	66.9	20.6	-2.9	0.0	0.0	8.4	0.0	2.0	-26.2
1986	638512.30	4873816.59	331.62	1	D	8000	50.9	9.6	0.0	0.0	0.0	66.9	73.3	-2.9	0.0	0.0	9.0	0.0	2.0	-87.8
1986	638512.30	4873816.59	331.62	1	N	4000	-56.7	9.6	0.0	0.0	0.0	66.9	20.6	-2.9	0.0	0.0	8.4	0.0	2.0	-142.0
1986	638512.30	4873816.59	331.62	1	N	8000	-64.9	9.6	0.0	0.0	0.0	66.9	73.3	-2.9	0.0	0.0	9.0	0.0	2.0	-203.6
1986	638512.30	4873816.59	331.62	1	E	4000	59.1	9.6	0.0	0.0	0.0	66.9	20.6	-2.9	0.0	0.0	8.4	0.0	2.0	-26.2

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1986	638512.30	4873816.59	331.62	1	E	8000	50.9	9.6	0.0	0.0	0.0	66.9	73.3	-2.9	0.0	0.0	9.0	0.0	2.0	-87.8
1991	638512.30	4873816.59	331.62	1	D	4000	59.1	9.6	0.0	0.0	0.0	67.2	21.1	-2.6	0.0	0.0	16.2	0.0	2.0	-35.1
1991	638512.30	4873816.59	331.62	1	D	8000	50.9	9.6	0.0	0.0	0.0	67.2	75.3	-2.6	0.0	0.0	18.9	0.0	2.0	-100.1
1991	638512.30	4873816.59	331.62	1	N	4000	-56.7	9.6	0.0	0.0	0.0	67.2	21.1	-2.6	0.0	0.0	16.2	0.0	2.0	-150.9
1991	638512.30	4873816.59	331.62	1	N	8000	-64.9	9.6	0.0	0.0	0.0	67.2	75.3	-2.6	0.0	0.0	18.9	0.0	2.0	-215.9
1991	638512.30	4873816.59	331.62	1	E	4000	59.1	9.6	0.0	0.0	0.0	67.2	21.1	-2.6	0.0	0.0	16.2	0.0	2.0	-35.1
1991	638512.30	4873816.59	331.62	1	E	8000	50.9	9.6	0.0	0.0	0.0	67.2	75.3	-2.6	0.0	0.0	18.9	0.0	2.0	-100.1
2128	638519.87	4873768.97	332.23	0	D	32	32.8	8.9	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-27.9
2128	638519.87	4873768.97	332.23	0	D	63	49.2	8.9	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-11.6
2128	638519.87	4873768.97	332.23	0	D	125	59.0	8.9	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-1.9
2128	638519.87	4873768.97	332.23	0	D	250	61.9	8.9	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	0.7
2128	638519.87	4873768.97	332.23	0	D	500	67.1	8.9	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	5.4
2128	638519.87	4873768.97	332.23	0	D	1000	69.6	8.9	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	7.0
2128	638519.87	4873768.97	332.23	0	D	2000	66.7	8.9	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	1.1
2128	638519.87	4873768.97	332.23	0	D	4000	59.1	8.9	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.3	0.0	0.0	-18.1
2128	638519.87	4873768.97	332.23	0	D	8000	50.9	8.9	0.0	0.0	0.0	64.9	57.8	-2.3	0.0	0.0	7.6	0.0	0.0	-68.1
2128	638519.87	4873768.97	332.23	0	N	32	-83.0	8.9	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-143.7
2128	638519.87	4873768.97	332.23	0	N	63	-66.6	8.9	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-127.4
2128	638519.87	4873768.97	332.23	0	N	125	-56.8	8.9	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-117.7
2128	638519.87	4873768.97	332.23	0	N	250	-53.9	8.9	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-115.1
2128	638519.87	4873768.97	332.23	0	N	500	-48.7	8.9	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-110.4
2128	638519.87	4873768.97	332.23	0	N	1000	-46.2	8.9	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-108.8
2128	638519.87	4873768.97	332.23	0	N	2000	-49.1	8.9	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-114.7
2128	638519.87	4873768.97	332.23	0	N	4000	-56.7	8.9	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.3	0.0	0.0	-133.9
2128	638519.87	4873768.97	332.23	0	N	8000	-64.9	8.9	0.0	0.0	0.0	64.9	57.8	-2.3	0.0	0.0	7.6	0.0	0.0	-183.9
2128	638519.87	4873768.97	332.23	0	E	32	32.8	8.9	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-27.9
2128	638519.87	4873768.97	332.23	0	E	63	49.2	8.9	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-11.6
2128	638519.87	4873768.97	332.23	0	E	125	59.0	8.9	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-1.9
2128	638519.87	4873768.97	332.23	0	E	250	61.9	8.9	0.0	0.0	0.0	64.9	0.5	1.1	0.0	0.0	3.7	0.0	0.0	0.7
2128	638519.87	4873768.97	332.23	0	E	500	67.1	8.9	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	5.4
2128	638519.87	4873768.97	332.23	0	E	1000	69.6	8.9	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	7.0
2128	638519.87	4873768.97	332.23	0	E	2000	66.7	8.9	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	1.1
2128	638519.87	4873768.97	332.23	0	E	4000	59.1	8.9	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.3	0.0	0.0	-18.1
2128	638519.87	4873768.97	332.23	0	E	8000	50.9	8.9	0.0	0.0	0.0	64.9	57.8	-2.3	0.0	0.0	7.6	0.0	0.0	-68.1
2134	638519.87	4873768.97	332.23	1	D	4000	59.1	8.9	0.0	0.0	0.0	67.6	22.1	-2.7	0.0	0.0	7.5	0.0	2.0	-28.4
2134	638519.87	4873768.97	332.23	1	D	8000	50.9	8.9	0.0	0.0	0.0	67.6	78.8	-2.7	0.0	0.0	7.6	0.0	2.0	-93.4
2134	638519.87	4873768.97	332.23	1	N	4000	-56.7	8.9	0.0	0.0	0.0	67.6	22.1	-2.7	0.0	0.0	7.5	0.0	2.0	-144.2
2134	638519.87	4873768.97	332.23	1	N	8000	-64.9	8.9	0.0	0.0	0.0	67.6	78.8	-2.7	0.0	0.0	7.6	0.0	2.0	-209.2
2134	638519.87	4873768.97	332.23	1	E	4000	59.1	8.9	0.0	0.0	0.0	67.6	22.1	-2.7	0.0	0.0	7.5	0.0	2.0	-28.4
2134	638519.87	4873768.97	332.23	1	E	8000	50.9	8.9	0.0	0.0	0.0	67.6	78.8	-2.7	0.0	0.0	7.6	0.0	2.0	-93.4
2141	638527.33	4873726.00	331.32	0	D	32	32.8	8.6	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-28.1
2141	638527.33	4873726.00	331.32	0	D	63	49.2	8.6	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-11.7
2141	638527.33	4873726.00	331.32	0	D	125	59.0	8.6	0.0	0.0	0.0	64.8	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-2.1
2141	638527.33	4873726.00	331.32	0	D	250	61.9	8.6	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	0.5
2141	638527.33	4873726.00	331.32	0	D	500	67.1	8.6	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	5.3
2141	638527.33	4873726.00	331.32	0	D	1000	69.6	8.6	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	6.9

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2141	638527.33	4873726.00	331.32	0	D	2000	66.7	8.6	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	0.9
2141	638527.33	4873726.00	331.32	0	D	4000	59.1	8.6	0.0	0.0	0.0	64.8	16.0	-2.3	0.0	0.0	7.5	0.0	0.0	-18.1
2141	638527.33	4873726.00	331.32	0	D	8000	50.9	8.6	0.0	0.0	0.0	64.8	56.9	-2.3	0.0	0.0	7.8	0.0	0.0	-67.7
2141	638527.33	4873726.00	331.32	0	N	32	-83.0	8.6	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-143.9
2141	638527.33	4873726.00	331.32	0	N	63	-66.6	8.6	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-127.5
2141	638527.33	4873726.00	331.32	0	N	125	-56.8	8.6	0.0	0.0	0.0	64.8	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-117.9
2141	638527.33	4873726.00	331.32	0	N	250	-53.9	8.6	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-115.3
2141	638527.33	4873726.00	331.32	0	N	500	-48.7	8.6	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-110.5
2141	638527.33	4873726.00	331.32	0	N	1000	-46.2	8.6	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	-108.9
2141	638527.33	4873726.00	331.32	0	N	2000	-49.1	8.6	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	-114.9
2141	638527.33	4873726.00	331.32	0	N	4000	-56.7	8.6	0.0	0.0	0.0	64.8	16.0	-2.3	0.0	0.0	7.5	0.0	0.0	-133.9
2141	638527.33	4873726.00	331.32	0	N	8000	-64.9	8.6	0.0	0.0	0.0	64.8	56.9	-2.3	0.0	0.0	7.8	0.0	0.0	-183.5
2141	638527.33	4873726.00	331.32	0	E	32	32.8	8.6	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-28.1
2141	638527.33	4873726.00	331.32	0	E	63	49.2	8.6	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-11.7
2141	638527.33	4873726.00	331.32	0	E	125	59.0	8.6	0.0	0.0	0.0	64.8	0.2	1.0	0.0	0.0	3.7	0.0	0.0	-2.1
2141	638527.33	4873726.00	331.32	0	E	250	61.9	8.6	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	0.5
2141	638527.33	4873726.00	331.32	0	E	500	67.1	8.6	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	5.3
2141	638527.33	4873726.00	331.32	0	E	1000	69.6	8.6	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	6.9
2141	638527.33	4873726.00	331.32	0	E	2000	66.7	8.6	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	0.9
2141	638527.33	4873726.00	331.32	0	E	4000	59.1	8.6	0.0	0.0	0.0	64.8	16.0	-2.3	0.0	0.0	7.5	0.0	0.0	-18.1
2141	638527.33	4873726.00	331.32	0	E	8000	50.9	8.6	0.0	0.0	0.0	64.8	56.9	-2.3	0.0	0.0	7.8	0.0	0.0	-67.7
2211	638793.14	4873665.18	325.94	0	D	32	32.8	1.8	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-28.7
2211	638793.14	4873665.18	325.94	0	D	63	49.2	1.8	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-12.4
2211	638793.14	4873665.18	325.94	0	D	125	59.0	1.8	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-2.8
2211	638793.14	4873665.18	325.94	0	D	250	61.9	1.8	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.7	0.0	0.0	-0.4
2211	638793.14	4873665.18	325.94	0	D	500	67.1	1.8	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	4.1
2211	638793.14	4873665.18	325.94	0	D	1000	69.6	1.8	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.4	0.0	0.0	5.3
2211	638793.14	4873665.18	325.94	0	D	2000	66.7	1.8	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.8	0.0	0.0	-0.4
2211	638793.14	4873665.18	325.94	0	D	4000	59.1	1.8	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.7	0.0	0.0	-15.4
2211	638793.14	4873665.18	325.94	0	D	8000	50.9	1.8	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	14.0	0.0	0.0	-45.9
2211	638793.14	4873665.18	325.94	0	N	32	-83.0	1.8	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-144.5
2211	638793.14	4873665.18	325.94	0	N	63	-66.6	1.8	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-128.2
2211	638793.14	4873665.18	325.94	0	N	125	-56.8	1.8	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-118.6
2211	638793.14	4873665.18	325.94	0	N	250	-53.9	1.8	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.7	0.0	0.0	-116.2
2211	638793.14	4873665.18	325.94	0	N	500	-48.7	1.8	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	-111.7
2211	638793.14	4873665.18	325.94	0	N	1000	-46.2	1.8	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.4	0.0	0.0	-110.5
2211	638793.14	4873665.18	325.94	0	N	2000	-49.1	1.8	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.8	0.0	0.0	-116.2
2211	638793.14	4873665.18	325.94	0	N	4000	-56.7	1.8	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.7	0.0	0.0	-131.2
2211	638793.14	4873665.18	325.94	0	N	8000	-64.9	1.8	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	14.0	0.0	0.0	-161.7
2211	638793.14	4873665.18	325.94	0	E	32	32.8	1.8	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-28.7
2211	638793.14	4873665.18	325.94	0	E	63	49.2	1.8	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-12.4
2211	638793.14	4873665.18	325.94	0	E	125	59.0	1.8	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.1	0.0	0.0	-2.8
2211	638793.14	4873665.18	325.94	0	E	250	61.9	1.8	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.7	0.0	0.0	-0.4
2211	638793.14	4873665.18	325.94	0	E	500	67.1	1.8	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	7.0	0.0	0.0	4.1
2211	638793.14	4873665.18	325.94	0	E	1000	69.6	1.8	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.4	0.0	0.0	5.3
2211	638793.14	4873665.18	325.94	0	E	2000	66.7	1.8	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.8	0.0	0.0	-0.4

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2211	638793.14	4873665.18	325.94	0	E	4000	59.1	1.8	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.7	0.0	0.0	-15.4
2211	638793.14	4873665.18	325.94	0	E	8000	50.9	1.8	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	14.0	0.0	0.0	-45.9
2260	638797.75	4873654.02	325.70	0	D	32	32.8	1.5	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-29.0
2260	638797.75	4873654.02	325.70	0	D	63	49.2	1.5	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-12.7
2260	638797.75	4873654.02	325.70	0	D	125	59.0	1.5	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-3.1
2260	638797.75	4873654.02	325.70	0	D	250	61.9	1.5	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-0.6
2260	638797.75	4873654.02	325.70	0	D	500	67.1	1.5	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.9	0.0	0.0	3.9
2260	638797.75	4873654.02	325.70	0	D	1000	69.6	1.5	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	5.1
2260	638797.75	4873654.02	325.70	0	D	2000	66.7	1.5	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	-0.6
2260	638797.75	4873654.02	325.70	0	D	4000	59.1	1.5	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-15.5
2260	638797.75	4873654.02	325.70	0	D	8000	50.9	1.5	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	13.7	0.0	0.0	-46.0
2260	638797.75	4873654.02	325.70	0	N	32	-83.0	1.5	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-144.8
2260	638797.75	4873654.02	325.70	0	N	63	-66.6	1.5	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-128.5
2260	638797.75	4873654.02	325.70	0	N	125	-56.8	1.5	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-118.9
2260	638797.75	4873654.02	325.70	0	N	250	-53.9	1.5	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-116.4
2260	638797.75	4873654.02	325.70	0	N	500	-48.7	1.5	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.9	0.0	0.0	-111.9
2260	638797.75	4873654.02	325.70	0	N	1000	-46.2	1.5	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	-110.7
2260	638797.75	4873654.02	325.70	0	N	2000	-49.1	1.5	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	-116.4
2260	638797.75	4873654.02	325.70	0	N	4000	-56.7	1.5	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-131.3
2260	638797.75	4873654.02	325.70	0	N	8000	-64.9	1.5	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	13.7	0.0	0.0	-161.8
2260	638797.75	4873654.02	325.70	0	E	32	32.8	1.5	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.2	0.0	0.0	-29.0
2260	638797.75	4873654.02	325.70	0	E	63	49.2	1.5	0.0	0.0	0.0	58.5	0.0	-3.4	0.0	0.0	8.3	0.0	0.0	-12.7
2260	638797.75	4873654.02	325.70	0	E	125	59.0	1.5	0.0	0.0	0.0	58.5	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-3.1
2260	638797.75	4873654.02	325.70	0	E	250	61.9	1.5	0.0	0.0	0.0	58.5	0.2	1.7	0.0	0.0	3.6	0.0	0.0	-0.6
2260	638797.75	4873654.02	325.70	0	E	500	67.1	1.5	0.0	0.0	0.0	58.5	0.5	-1.1	0.0	0.0	6.9	0.0	0.0	3.9
2260	638797.75	4873654.02	325.70	0	E	1000	69.6	1.5	0.0	0.0	0.0	58.5	0.9	-1.6	0.0	0.0	8.3	0.0	0.0	5.1
2260	638797.75	4873654.02	325.70	0	E	2000	66.7	1.5	0.0	0.0	0.0	58.5	2.3	-1.6	0.0	0.0	9.6	0.0	0.0	-0.6
2260	638797.75	4873654.02	325.70	0	E	4000	59.1	1.5	0.0	0.0	0.0	58.5	7.8	-1.6	0.0	0.0	11.5	0.0	0.0	-15.5
2260	638797.75	4873654.02	325.70	0	E	8000	50.9	1.5	0.0	0.0	0.0	58.5	27.8	-1.6	0.0	0.0	13.7	0.0	0.0	-46.0
2351	638521.94	4873729.22	331.48	0	D	32	32.8	7.4	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-29.4
2351	638521.94	4873729.22	331.48	0	D	63	49.2	7.4	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-13.0
2351	638521.94	4873729.22	331.48	0	D	125	59.0	7.4	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-3.4
2351	638521.94	4873729.22	331.48	0	D	250	61.9	7.4	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-0.8
2351	638521.94	4873729.22	331.48	0	D	500	67.1	7.4	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	3.9
2351	638521.94	4873729.22	331.48	0	D	1000	69.6	7.4	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	5.5
2351	638521.94	4873729.22	331.48	0	D	2000	66.7	7.4	0.0	0.0	0.0	64.8	4.8	-2.3	0.0	0.0	7.3	0.0	0.0	-0.4
2351	638521.94	4873729.22	331.48	0	D	4000	59.1	7.4	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-19.6
2351	638521.94	4873729.22	331.48	0	D	8000	50.9	7.4	0.0	0.0	0.0	64.8	57.6	-2.3	0.0	0.0	7.8	0.0	0.0	-69.5
2351	638521.94	4873729.22	331.48	0	N	32	-83.0	7.4	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-145.2
2351	638521.94	4873729.22	331.48	0	N	63	-66.6	7.4	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-128.8
2351	638521.94	4873729.22	331.48	0	N	125	-56.8	7.4	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-119.2
2351	638521.94	4873729.22	331.48	0	N	250	-53.9	7.4	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-116.6
2351	638521.94	4873729.22	331.48	0	N	500	-48.7	7.4	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-111.9
2351	638521.94	4873729.22	331.48	0	N	1000	-46.2	7.4	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	-110.3
2351	638521.94	4873729.22	331.48	0	N	2000	-49.1	7.4	0.0	0.0	0.0	64.8	4.8	-2.3	0.0	0.0	7.3	0.0	0.0	-116.2
2351	638521.94	4873729.22	331.48	0	N	4000	-56.7	7.4	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-135.4

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2351	638521.94	4873729.22	331.48	0	N	8000	-64.9	7.4	0.0	0.0	0.0	64.8	57.6	-2.3	0.0	0.0	7.8	0.0	0.0	-185.3
2351	638521.94	4873729.22	331.48	0	E	32	32.8	7.4	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-29.4
2351	638521.94	4873729.22	331.48	0	E	63	49.2	7.4	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-13.0
2351	638521.94	4873729.22	331.48	0	E	125	59.0	7.4	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-3.4
2351	638521.94	4873729.22	331.48	0	E	250	61.9	7.4	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-0.8
2351	638521.94	4873729.22	331.48	0	E	500	67.1	7.4	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	3.9
2351	638521.94	4873729.22	331.48	0	E	1000	69.6	7.4	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	5.5
2351	638521.94	4873729.22	331.48	0	E	2000	66.7	7.4	0.0	0.0	0.0	64.8	4.8	-2.3	0.0	0.0	7.3	0.0	0.0	-0.4
2351	638521.94	4873729.22	331.48	0	E	4000	59.1	7.4	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-19.6
2351	638521.94	4873729.22	331.48	0	E	8000	50.9	7.4	0.0	0.0	0.0	64.8	57.6	-2.3	0.0	0.0	7.8	0.0	0.0	-69.5
2357	638521.77	4873729.37	331.48	1	D	4000	59.1	7.0	0.0	0.0	0.0	68.1	23.4	-2.8	0.0	0.0	7.6	0.0	2.0	-32.1
2357	638521.77	4873729.37	331.48	1	D	8000	50.9	7.0	0.0	0.0	0.0	68.1	83.3	-2.8	0.0	0.0	7.6	0.0	2.0	-100.2
2357	638521.77	4873729.37	331.48	1	N	4000	-56.7	7.0	0.0	0.0	0.0	68.1	23.4	-2.8	0.0	0.0	7.6	0.0	2.0	-147.9
2357	638521.77	4873729.37	331.48	1	N	8000	-64.9	7.0	0.0	0.0	0.0	68.1	83.3	-2.8	0.0	0.0	7.6	0.0	2.0	-216.0
2357	638521.77	4873729.37	331.48	1	E	4000	59.1	7.0	0.0	0.0	0.0	68.1	23.4	-2.8	0.0	0.0	7.6	0.0	2.0	-32.1
2357	638521.77	4873729.37	331.48	1	E	8000	50.9	7.0	0.0	0.0	0.0	68.1	83.3	-2.8	0.0	0.0	7.6	0.0	2.0	-100.2
2395	638807.31	4873651.45	325.59	0	D	32	32.8	0.7	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-29.6
2395	638807.31	4873651.45	325.59	0	D	63	49.2	0.7	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-13.2
2395	638807.31	4873651.45	325.59	0	D	125	59.0	0.7	0.0	0.0	0.0	58.2	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-3.7
2395	638807.31	4873651.45	325.59	0	D	250	61.9	0.7	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.6	0.0	0.0	-1.2
2395	638807.31	4873651.45	325.59	0	D	500	67.1	0.7	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.9	0.0	0.0	3.3
2395	638807.31	4873651.45	325.59	0	D	1000	69.6	0.7	0.0	0.0	0.0	58.2	0.8	-1.5	0.0	0.0	8.3	0.0	0.0	4.5
2395	638807.31	4873651.45	325.59	0	D	2000	66.7	0.7	0.0	0.0	0.0	58.2	2.2	-1.6	0.0	0.0	9.6	0.0	0.0	-1.1
2395	638807.31	4873651.45	325.59	0	D	4000	59.1	0.7	0.0	0.0	0.0	58.2	7.5	-1.6	0.0	0.0	11.5	0.0	0.0	-15.9
2395	638807.31	4873651.45	325.59	0	D	8000	50.9	0.7	0.0	0.0	0.0	58.2	26.9	-1.6	0.0	0.0	13.8	0.0	0.0	-45.7
2395	638807.31	4873651.45	325.59	0	N	32	-83.0	0.7	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-145.3
2395	638807.31	4873651.45	325.59	0	N	63	-66.6	0.7	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-129.0
2395	638807.31	4873651.45	325.59	0	N	125	-56.8	0.7	0.0	0.0	0.0	58.2	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-119.5
2395	638807.31	4873651.45	325.59	0	N	250	-53.9	0.7	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.6	0.0	0.0	-117.0
2395	638807.31	4873651.45	325.59	0	N	500	-48.7	0.7	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.9	0.0	0.0	-112.5
2395	638807.31	4873651.45	325.59	0	N	1000	-46.2	0.7	0.0	0.0	0.0	58.2	0.8	-1.5	0.0	0.0	8.3	0.0	0.0	-111.3
2395	638807.31	4873651.45	325.59	0	N	2000	-49.1	0.7	0.0	0.0	0.0	58.2	2.2	-1.6	0.0	0.0	9.6	0.0	0.0	-116.9
2395	638807.31	4873651.45	325.59	0	N	4000	-56.7	0.7	0.0	0.0	0.0	58.2	7.5	-1.6	0.0	0.0	11.5	0.0	0.0	-131.7
2395	638807.31	4873651.45	325.59	0	N	8000	-64.9	0.7	0.0	0.0	0.0	58.2	26.9	-1.6	0.0	0.0	13.8	0.0	0.0	-161.5
2395	638807.31	4873651.45	325.59	0	E	32	32.8	0.7	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-29.6
2395	638807.31	4873651.45	325.59	0	E	63	49.2	0.7	0.0	0.0	0.0	58.2	0.0	-3.3	0.0	0.0	8.2	0.0	0.0	-13.2
2395	638807.31	4873651.45	325.59	0	E	125	59.0	0.7	0.0	0.0	0.0	58.2	0.1	1.0	0.0	0.0	4.0	0.0	0.0	-3.7
2395	638807.31	4873651.45	325.59	0	E	250	61.9	0.7	0.0	0.0	0.0	58.2	0.2	1.8	0.0	0.0	3.6	0.0	0.0	-1.2
2395	638807.31	4873651.45	325.59	0	E	500	67.1	0.7	0.0	0.0	0.0	58.2	0.4	-1.1	0.0	0.0	6.9	0.0	0.0	3.3
2395	638807.31	4873651.45	325.59	0	E	1000	69.6	0.7	0.0	0.0	0.0	58.2	0.8	-1.5	0.0	0.0	8.3	0.0	0.0	4.5
2395	638807.31	4873651.45	325.59	0	E	2000	66.7	0.7	0.0	0.0	0.0	58.2	2.2	-1.6	0.0	0.0	9.6	0.0	0.0	-1.1
2395	638807.31	4873651.45	325.59	0	E	4000	59.1	0.7	0.0	0.0	0.0	58.2	7.5	-1.6	0.0	0.0	11.5	0.0	0.0	-15.9
2395	638807.31	4873651.45	325.59	0	E	8000	50.9	0.7	0.0	0.0	0.0	58.2	26.9	-1.6	0.0	0.0	13.8	0.0	0.0	-45.7
2433	638518.69	4873820.84	331.26	0	D	32	32.8	7.0	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-29.9
2433	638518.69	4873820.84	331.26	0	D	63	49.2	7.0	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-13.6
2433	638518.69	4873820.84	331.26	0	D	125	59.0	7.0	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-3.9

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2433	638518.69	4873820.84	331.26	0	D	250	61.9	7.0	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-1.4
2433	638518.69	4873820.84	331.26	0	D	500	67.1	7.0	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	3.4
2433	638518.69	4873820.84	331.26	0	D	1000	69.6	7.0	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	5.0
2433	638518.69	4873820.84	331.26	0	D	2000	66.7	7.0	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-1.0
2433	638518.69	4873820.84	331.26	0	D	4000	59.1	7.0	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-20.3
2433	638518.69	4873820.84	331.26	0	D	8000	50.9	7.0	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.5	0.0	0.0	-70.7
2433	638518.69	4873820.84	331.26	0	N	32	-83.0	7.0	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-145.7
2433	638518.69	4873820.84	331.26	0	N	63	-66.6	7.0	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-129.4
2433	638518.69	4873820.84	331.26	0	N	125	-56.8	7.0	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-119.7
2433	638518.69	4873820.84	331.26	0	N	250	-53.9	7.0	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-117.2
2433	638518.69	4873820.84	331.26	0	N	500	-48.7	7.0	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-112.4
2433	638518.69	4873820.84	331.26	0	N	1000	-46.2	7.0	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-110.8
2433	638518.69	4873820.84	331.26	0	N	2000	-49.1	7.0	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-116.8
2433	638518.69	4873820.84	331.26	0	N	4000	-56.7	7.0	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-136.0
2433	638518.69	4873820.84	331.26	0	N	8000	-64.9	7.0	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.5	0.0	0.0	-186.5
2433	638518.69	4873820.84	331.26	0	E	32	32.8	7.0	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-29.9
2433	638518.69	4873820.84	331.26	0	E	63	49.2	7.0	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-13.6
2433	638518.69	4873820.84	331.26	0	E	125	59.0	7.0	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-3.9
2433	638518.69	4873820.84	331.26	0	E	250	61.9	7.0	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-1.4
2433	638518.69	4873820.84	331.26	0	E	500	67.1	7.0	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	3.4
2433	638518.69	4873820.84	331.26	0	E	1000	69.6	7.0	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	5.0
2433	638518.69	4873820.84	331.26	0	E	2000	66.7	7.0	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-1.0
2433	638518.69	4873820.84	331.26	0	E	4000	59.1	7.0	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-20.3
2433	638518.69	4873820.84	331.26	0	E	8000	50.9	7.0	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.5	0.0	0.0	-70.7
2441	638518.69	4873820.84	331.26	1	D	4000	59.1	7.0	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.5	0.0	2.0	-28.7
2441	638518.69	4873820.84	331.26	1	D	8000	50.9	7.0	0.0	0.0	0.0	66.8	72.5	-2.8	0.0	0.0	9.2	0.0	2.0	-89.8
2441	638518.69	4873820.84	331.26	1	N	4000	-56.7	7.0	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.5	0.0	2.0	-144.5
2441	638518.69	4873820.84	331.26	1	N	8000	-64.9	7.0	0.0	0.0	0.0	66.8	72.5	-2.8	0.0	0.0	9.2	0.0	2.0	-205.6
2441	638518.69	4873820.84	331.26	1	E	4000	59.1	7.0	0.0	0.0	0.0	66.8	20.3	-2.8	0.0	0.0	8.5	0.0	2.0	-28.7
2441	638518.69	4873820.84	331.26	1	E	8000	50.9	7.0	0.0	0.0	0.0	66.8	72.5	-2.8	0.0	0.0	9.2	0.0	2.0	-89.8
2688	638514.58	4873773.08	332.34	0	D	32	32.8	5.9	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-31.0
2688	638514.58	4873773.08	332.34	0	D	63	49.2	5.9	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-14.7
2688	638514.58	4873773.08	332.34	0	D	125	59.0	5.9	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-5.0
2688	638514.58	4873773.08	332.34	0	D	250	61.9	5.9	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-2.4
2688	638514.58	4873773.08	332.34	0	D	500	67.1	5.9	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	2.3
2688	638514.58	4873773.08	332.34	0	D	1000	69.6	5.9	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	3.9
2688	638514.58	4873773.08	332.34	0	D	2000	66.7	5.9	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-2.1
2688	638514.58	4873773.08	332.34	0	D	4000	59.1	5.9	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-21.3
2688	638514.58	4873773.08	332.34	0	D	8000	50.9	5.9	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.5	0.0	0.0	-71.8
2688	638514.58	4873773.08	332.34	0	N	32	-83.0	5.9	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-146.8
2688	638514.58	4873773.08	332.34	0	N	63	-66.6	5.9	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-130.5
2688	638514.58	4873773.08	332.34	0	N	125	-56.8	5.9	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-120.8
2688	638514.58	4873773.08	332.34	0	N	250	-53.9	5.9	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-118.2
2688	638514.58	4873773.08	332.34	0	N	500	-48.7	5.9	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-113.5
2688	638514.58	4873773.08	332.34	0	N	1000	-46.2	5.9	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-111.9
2688	638514.58	4873773.08	332.34	0	N	2000	-49.1	5.9	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-117.9

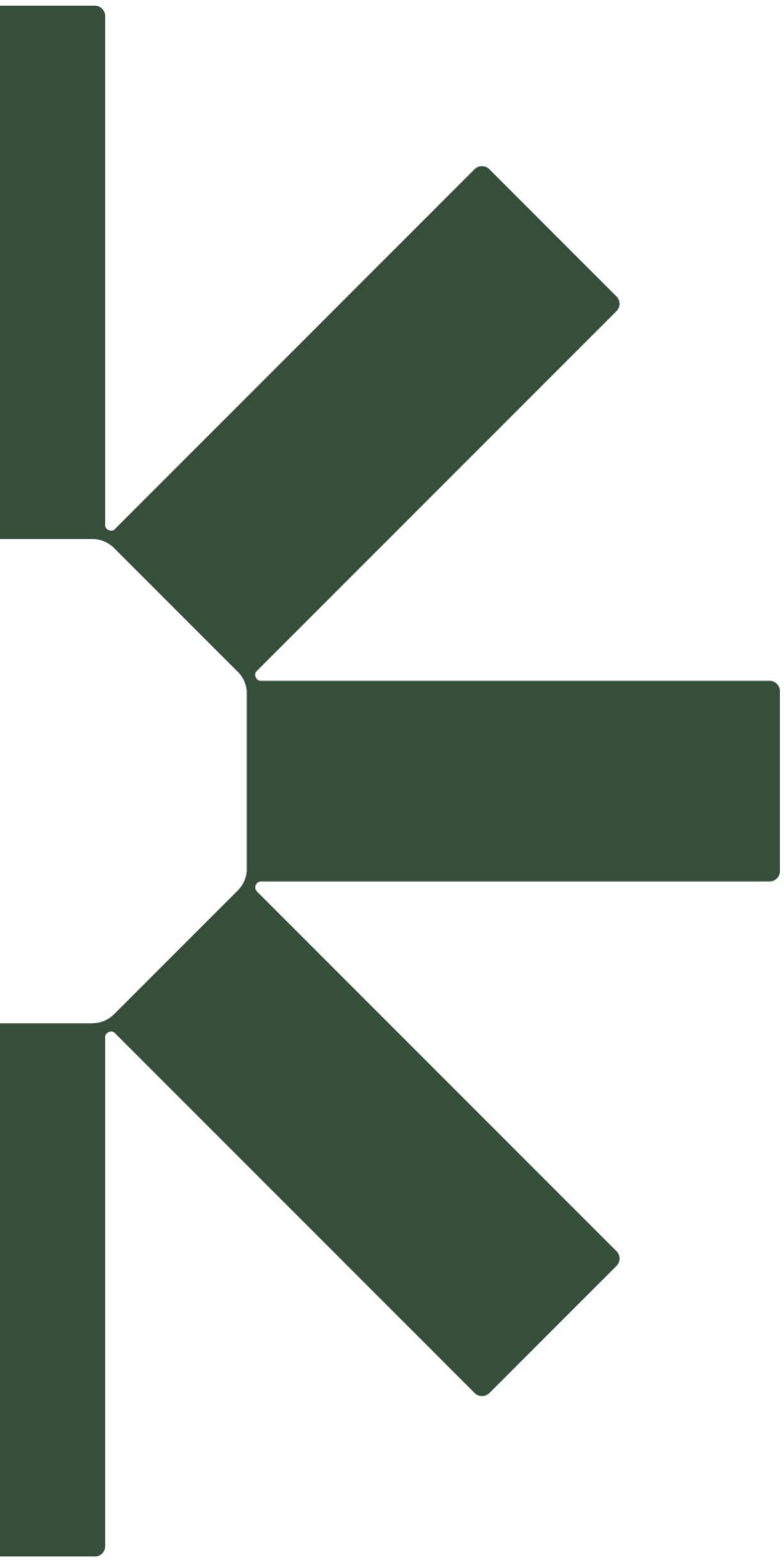
Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2688	638514.58	4873773.08	332.34	0	N	4000	-56.7	5.9	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-137.1
2688	638514.58	4873773.08	332.34	0	N	8000	-64.9	5.9	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.5	0.0	0.0	-187.6
2688	638514.58	4873773.08	332.34	0	E	32	32.8	5.9	0.0	0.0	0.0	65.0	0.0	-4.8	0.0	0.0	9.5	0.0	0.0	-31.0
2688	638514.58	4873773.08	332.34	0	E	63	49.2	5.9	0.0	0.0	0.0	65.0	0.1	-4.8	0.0	0.0	9.5	0.0	0.0	-14.7
2688	638514.58	4873773.08	332.34	0	E	125	59.0	5.9	0.0	0.0	0.0	65.0	0.2	1.1	0.0	0.0	3.6	0.0	0.0	-5.0
2688	638514.58	4873773.08	332.34	0	E	250	61.9	5.9	0.0	0.0	0.0	65.0	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-2.4
2688	638514.58	4873773.08	332.34	0	E	500	67.1	5.9	0.0	0.0	0.0	65.0	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	2.3
2688	638514.58	4873773.08	332.34	0	E	1000	69.6	5.9	0.0	0.0	0.0	65.0	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	3.9
2688	638514.58	4873773.08	332.34	0	E	2000	66.7	5.9	0.0	0.0	0.0	65.0	4.8	-2.3	0.0	0.0	7.2	0.0	0.0	-2.1
2688	638514.58	4873773.08	332.34	0	E	4000	59.1	5.9	0.0	0.0	0.0	65.0	16.4	-2.3	0.0	0.0	7.3	0.0	0.0	-21.3
2688	638514.58	4873773.08	332.34	0	E	8000	50.9	5.9	0.0	0.0	0.0	65.0	58.4	-2.3	0.0	0.0	7.5	0.0	0.0	-71.8
2695	638514.58	4873773.08	332.34	1	D	4000	59.1	5.9	0.0	0.0	0.0	67.5	22.0	-2.7	0.0	0.0	7.5	0.0	2.0	-31.3
2695	638514.58	4873773.08	332.34	1	D	8000	50.9	5.9	0.0	0.0	0.0	67.5	78.4	-2.7	0.0	0.0	7.5	0.0	2.0	-96.0
2695	638514.58	4873773.08	332.34	1	N	4000	-56.7	5.9	0.0	0.0	0.0	67.5	22.0	-2.7	0.0	0.0	7.5	0.0	2.0	-147.1
2695	638514.58	4873773.08	332.34	1	N	8000	-64.9	5.9	0.0	0.0	0.0	67.5	78.4	-2.7	0.0	0.0	7.5	0.0	2.0	-211.8
2695	638514.58	4873773.08	332.34	1	E	4000	59.1	5.9	0.0	0.0	0.0	67.5	22.0	-2.7	0.0	0.0	7.5	0.0	2.0	-31.3
2695	638514.58	4873773.08	332.34	1	E	8000	50.9	5.9	0.0	0.0	0.0	67.5	78.4	-2.7	0.0	0.0	7.5	0.0	2.0	-96.0
2712	638691.17	4873679.09	328.19	0	D	32	32.8	1.5	0.0	0.0	0.0	61.4	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-31.8
2712	638691.17	4873679.09	328.19	0	D	63	49.2	1.5	0.0	0.0	0.0	61.4	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-15.5
2712	638691.17	4873679.09	328.19	0	D	125	59.0	1.5	0.0	0.0	0.0	61.4	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-5.8
2712	638691.17	4873679.09	328.19	0	D	250	61.9	1.5	0.0	0.0	0.0	61.4	0.3	1.3	0.0	0.0	3.6	0.0	0.0	-3.2
2712	638691.17	4873679.09	328.19	0	D	500	67.1	1.5	0.0	0.0	0.0	61.4	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	1.5
2712	638691.17	4873679.09	328.19	0	D	1000	69.6	1.5	0.0	0.0	0.0	61.4	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	3.1
2712	638691.17	4873679.09	328.19	0	D	2000	66.7	1.5	0.0	0.0	0.0	61.4	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	-2.4
2712	638691.17	4873679.09	328.19	0	D	4000	59.1	1.5	0.0	0.0	0.0	61.4	10.8	-2.0	0.0	0.0	9.0	0.0	0.0	-18.6
2712	638691.17	4873679.09	328.19	0	D	8000	50.9	1.5	0.0	0.0	0.0	61.4	38.7	-2.0	0.0	0.0	10.5	0.0	0.0	-56.2
2712	638691.17	4873679.09	328.19	0	N	32	-83.0	1.5	0.0	0.0	0.0	61.4	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-147.6
2712	638691.17	4873679.09	328.19	0	N	63	-66.6	1.5	0.0	0.0	0.0	61.4	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-131.3
2712	638691.17	4873679.09	328.19	0	N	125	-56.8	1.5	0.0	0.0	0.0	61.4	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-121.6
2712	638691.17	4873679.09	328.19	0	N	250	-53.9	1.5	0.0	0.0	0.0	61.4	0.3	1.3	0.0	0.0	3.6	0.0	0.0	-119.0
2712	638691.17	4873679.09	328.19	0	N	500	-48.7	1.5	0.0	0.0	0.0	61.4	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	-114.3
2712	638691.17	4873679.09	328.19	0	N	1000	-46.2	1.5	0.0	0.0	0.0	61.4	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	-112.7
2712	638691.17	4873679.09	328.19	0	N	2000	-49.1	1.5	0.0	0.0	0.0	61.4	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	-118.2
2712	638691.17	4873679.09	328.19	0	N	4000	-56.7	1.5	0.0	0.0	0.0	61.4	10.8	-2.0	0.0	0.0	9.0	0.0	0.0	-134.4
2712	638691.17	4873679.09	328.19	0	N	8000	-64.9	1.5	0.0	0.0	0.0	61.4	38.7	-2.0	0.0	0.0	10.5	0.0	0.0	-172.0
2712	638691.17	4873679.09	328.19	0	E	32	32.8	1.5	0.0	0.0	0.0	61.4	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-31.8
2712	638691.17	4873679.09	328.19	0	E	63	49.2	1.5	0.0	0.0	0.0	61.4	0.0	-4.1	0.0	0.0	8.9	0.0	0.0	-15.5
2712	638691.17	4873679.09	328.19	0	E	125	59.0	1.5	0.0	0.0	0.0	61.4	0.1	0.9	0.0	0.0	4.0	0.0	0.0	-5.8
2712	638691.17	4873679.09	328.19	0	E	250	61.9	1.5	0.0	0.0	0.0	61.4	0.3	1.3	0.0	0.0	3.6	0.0	0.0	-3.2
2712	638691.17	4873679.09	328.19	0	E	500	67.1	1.5	0.0	0.0	0.0	61.4	0.6	-1.5	0.0	0.0	6.6	0.0	0.0	1.5
2712	638691.17	4873679.09	328.19	0	E	1000	69.6	1.5	0.0	0.0	0.0	61.4	1.2	-2.0	0.0	0.0	7.4	0.0	0.0	3.1
2712	638691.17	4873679.09	328.19	0	E	2000	66.7	1.5	0.0	0.0	0.0	61.4	3.2	-2.0	0.0	0.0	8.0	0.0	0.0	-2.4
2712	638691.17	4873679.09	328.19	0	E	4000	59.1	1.5	0.0	0.0	0.0	61.4	10.8	-2.0	0.0	0.0	9.0	0.0	0.0	-18.6
2712	638691.17	4873679.09	328.19	0	E	8000	50.9	1.5	0.0	0.0	0.0	61.4	38.7	-2.0	0.0	0.0	10.5	0.0	0.0	-56.2
2718	638691.17	4873679.09	328.19	1	D	8000	50.9	1.5	0.0	0.0	0.0	65.1	59.0	-2.0	0.0	0.0	6.9	0.0	1.0	-77.5
2718	638691.17	4873679.09	328.19	1	N	8000	-64.9	1.5	0.0	0.0	0.0	65.1	59.0	-2.0	0.0	0.0	6.9	0.0	1.0	-193.3

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2718	638691.17	4873679.09	328.19	1	E	8000	50.9	1.5	0.0	0.0	0.0	65.1	59.0	-2.0	0.0	0.0	6.9	0.0	1.0	-77.5
2725	638518.79	4873732.20	331.59	0	D	32	32.8	5.0	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-31.8
2725	638518.79	4873732.20	331.59	0	D	63	49.2	5.0	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-15.5
2725	638518.79	4873732.20	331.59	0	D	125	59.0	5.0	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-5.8
2725	638518.79	4873732.20	331.59	0	D	250	61.9	5.0	0.0	0.0	0.0	64.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-3.3
2725	638518.79	4873732.20	331.59	0	D	500	67.1	5.0	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	1.5
2725	638518.79	4873732.20	331.59	0	D	1000	69.6	5.0	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	3.1
2725	638518.79	4873732.20	331.59	0	D	2000	66.7	5.0	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.3	0.0	0.0	-2.9
2725	638518.79	4873732.20	331.59	0	D	4000	59.1	5.0	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.4	0.0	0.0	-22.1
2725	638518.79	4873732.20	331.59	0	D	8000	50.9	5.0	0.0	0.0	0.0	64.9	57.9	-2.3	0.0	0.0	7.8	0.0	0.0	-72.3
2725	638518.79	4873732.20	331.59	0	N	32	-83.0	5.0	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-147.6
2725	638518.79	4873732.20	331.59	0	N	63	-66.6	5.0	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-131.3
2725	638518.79	4873732.20	331.59	0	N	125	-56.8	5.0	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-121.6
2725	638518.79	4873732.20	331.59	0	N	250	-53.9	5.0	0.0	0.0	0.0	64.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-119.1
2725	638518.79	4873732.20	331.59	0	N	500	-48.7	5.0	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	-114.3
2725	638518.79	4873732.20	331.59	0	N	1000	-46.2	5.0	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-112.7
2725	638518.79	4873732.20	331.59	0	N	2000	-49.1	5.0	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.3	0.0	0.0	-118.7
2725	638518.79	4873732.20	331.59	0	N	4000	-56.7	5.0	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.4	0.0	0.0	-137.9
2725	638518.79	4873732.20	331.59	0	N	8000	-64.9	5.0	0.0	0.0	0.0	64.9	57.9	-2.3	0.0	0.0	7.8	0.0	0.0	-188.1
2725	638518.79	4873732.20	331.59	0	E	32	32.8	5.0	0.0	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-31.8
2725	638518.79	4873732.20	331.59	0	E	63	49.2	5.0	0.0	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-15.5
2725	638518.79	4873732.20	331.59	0	E	125	59.0	5.0	0.0	0.0	0.0	64.9	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-5.8
2725	638518.79	4873732.20	331.59	0	E	250	61.9	5.0	0.0	0.0	0.0	64.9	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-3.3
2725	638518.79	4873732.20	331.59	0	E	500	67.1	5.0	0.0	0.0	0.0	64.9	1.0	-1.8	0.0	0.0	6.6	0.0	0.0	1.5
2725	638518.79	4873732.20	331.59	0	E	1000	69.6	5.0	0.0	0.0	0.0	64.9	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	3.1
2725	638518.79	4873732.20	331.59	0	E	2000	66.7	5.0	0.0	0.0	0.0	64.9	4.8	-2.3	0.0	0.0	7.3	0.0	0.0	-2.9
2725	638518.79	4873732.20	331.59	0	E	4000	59.1	5.0	0.0	0.0	0.0	64.9	16.2	-2.3	0.0	0.0	7.4	0.0	0.0	-22.1
2725	638518.79	4873732.20	331.59	0	E	8000	50.9	5.0	0.0	0.0	0.0	64.9	57.9	-2.3	0.0	0.0	7.8	0.0	0.0	-72.3
2732	638518.79	4873732.20	331.59	1	D	4000	59.1	5.0	0.0	0.0	0.0	68.0	23.3	-2.7	0.0	0.0	7.5	0.0	2.0	-34.0
2732	638518.79	4873732.20	331.59	1	D	8000	50.9	5.0	0.0	0.0	0.0	68.0	83.1	-2.7	0.0	0.0	7.5	0.0	2.0	-102.0
2732	638518.79	4873732.20	331.59	1	N	4000	-56.7	5.0	0.0	0.0	0.0	68.0	23.3	-2.7	0.0	0.0	7.5	0.0	2.0	-149.8
2732	638518.79	4873732.20	331.59	1	N	8000	-64.9	5.0	0.0	0.0	0.0	68.0	83.1	-2.7	0.0	0.0	7.5	0.0	2.0	-217.8
2732	638518.79	4873732.20	331.59	1	E	4000	59.1	5.0	0.0	0.0	0.0	68.0	23.3	-2.7	0.0	0.0	7.5	0.0	2.0	-34.0
2732	638518.79	4873732.20	331.59	1	E	8000	50.9	5.0	0.0	0.0	0.0	68.0	83.1	-2.7	0.0	0.0	7.5	0.0	2.0	-102.0
2745	638523.55	4873735.96	331.57	0	D	32	32.8	4.5	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-32.3
2745	638523.55	4873735.96	331.57	0	D	63	49.2	4.5	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-15.9
2745	638523.55	4873735.96	331.57	0	D	125	59.0	4.5	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-6.3
2745	638523.55	4873735.96	331.57	0	D	250	61.9	4.5	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-3.7
2745	638523.55	4873735.96	331.57	0	D	500	67.1	4.5	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	1.0
2745	638523.55	4873735.96	331.57	0	D	1000	69.6	4.5	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	2.7
2745	638523.55	4873735.96	331.57	0	D	2000	66.7	4.5	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	-3.3
2745	638523.55	4873735.96	331.57	0	D	4000	59.1	4.5	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-22.4
2745	638523.55	4873735.96	331.57	0	D	8000	50.9	4.5	0.0	0.0	0.0	64.8	57.3	-2.3	0.0	0.0	7.8	0.0	0.0	-72.2
2745	638523.55	4873735.96	331.57	0	N	32	-83.0	4.5	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-148.1
2745	638523.55	4873735.96	331.57	0	N	63	-66.6	4.5	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-131.7
2745	638523.55	4873735.96	331.57	0	N	125	-56.8	4.5	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-122.1

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2745	638523.55	4873735.96	331.57	0	N	250	-53.9	4.5	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-119.5
2745	638523.55	4873735.96	331.57	0	N	500	-48.7	4.5	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-114.8
2745	638523.55	4873735.96	331.57	0	N	1000	-46.2	4.5	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-113.1
2745	638523.55	4873735.96	331.57	0	N	2000	-49.1	4.5	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	-119.1
2745	638523.55	4873735.96	331.57	0	N	4000	-56.7	4.5	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-138.2
2745	638523.55	4873735.96	331.57	0	N	8000	-64.9	4.5	0.0	0.0	0.0	64.8	57.3	-2.3	0.0	0.0	7.8	0.0	0.0	-188.0
2745	638523.55	4873735.96	331.57	0	E	32	32.8	4.5	0.0	0.0	0.0	64.8	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-32.3
2745	638523.55	4873735.96	331.57	0	E	63	49.2	4.5	0.0	0.0	0.0	64.8	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-15.9
2745	638523.55	4873735.96	331.57	0	E	125	59.0	4.5	0.0	0.0	0.0	64.8	0.2	1.1	0.0	0.0	3.7	0.0	0.0	-6.3
2745	638523.55	4873735.96	331.57	0	E	250	61.9	4.5	0.0	0.0	0.0	64.8	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-3.7
2745	638523.55	4873735.96	331.57	0	E	500	67.1	4.5	0.0	0.0	0.0	64.8	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	1.0
2745	638523.55	4873735.96	331.57	0	E	1000	69.6	4.5	0.0	0.0	0.0	64.8	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	2.7
2745	638523.55	4873735.96	331.57	0	E	2000	66.7	4.5	0.0	0.0	0.0	64.8	4.7	-2.3	0.0	0.0	7.3	0.0	0.0	-3.3
2745	638523.55	4873735.96	331.57	0	E	4000	59.1	4.5	0.0	0.0	0.0	64.8	16.1	-2.3	0.0	0.0	7.4	0.0	0.0	-22.4
2745	638523.55	4873735.96	331.57	0	E	8000	50.9	4.5	0.0	0.0	0.0	64.8	57.3	-2.3	0.0	0.0	7.8	0.0	0.0	-72.2
2752	638523.55	4873735.96	331.57	1	D	4000	59.1	4.5	0.0	0.0	0.0	68.0	23.1	-2.8	0.0	0.0	7.6	0.0	2.0	-34.3
2752	638523.55	4873735.96	331.57	1	D	8000	50.9	4.5	0.0	0.0	0.0	68.0	82.5	-2.8	0.0	0.0	7.6	0.0	2.0	-101.9
2752	638523.55	4873735.96	331.57	1	N	4000	-56.7	4.5	0.0	0.0	0.0	68.0	23.1	-2.8	0.0	0.0	7.6	0.0	2.0	-150.1
2752	638523.55	4873735.96	331.57	1	N	8000	-64.9	4.5	0.0	0.0	0.0	68.0	82.5	-2.8	0.0	0.0	7.6	0.0	2.0	-217.7
2752	638523.55	4873735.96	331.57	1	E	4000	59.1	4.5	0.0	0.0	0.0	68.0	23.1	-2.8	0.0	0.0	7.6	0.0	2.0	-34.3
2752	638523.55	4873735.96	331.57	1	E	8000	50.9	4.5	0.0	0.0	0.0	68.0	82.5	-2.8	0.0	0.0	7.6	0.0	2.0	-101.9
2759	638533.70	4873726.50	331.21	0	D	32	32.8	4.0	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-32.6
2759	638533.70	4873726.50	331.21	0	D	63	49.2	4.0	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-16.2
2759	638533.70	4873726.50	331.21	0	D	125	59.0	4.0	0.0	0.0	0.0	64.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-6.6
2759	638533.70	4873726.50	331.21	0	D	250	61.9	4.0	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-4.0
2759	638533.70	4873726.50	331.21	0	D	500	67.1	4.0	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	0.7
2759	638533.70	4873726.50	331.21	0	D	1000	69.6	4.0	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	2.3
2759	638533.70	4873726.50	331.21	0	D	2000	66.7	4.0	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	-3.6
2759	638533.70	4873726.50	331.21	0	D	4000	59.1	4.0	0.0	0.0	0.0	64.6	15.8	-2.3	0.0	0.0	7.5	0.0	0.0	-22.5
2759	638533.70	4873726.50	331.21	0	D	8000	50.9	4.0	0.0	0.0	0.0	64.6	56.2	-2.3	0.0	0.0	7.9	0.0	0.0	-71.5
2759	638533.70	4873726.50	331.21	0	N	32	-83.0	4.0	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-148.4
2759	638533.70	4873726.50	331.21	0	N	63	-66.6	4.0	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-132.0
2759	638533.70	4873726.50	331.21	0	N	125	-56.8	4.0	0.0	0.0	0.0	64.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-122.4
2759	638533.70	4873726.50	331.21	0	N	250	-53.9	4.0	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-119.8
2759	638533.70	4873726.50	331.21	0	N	500	-48.7	4.0	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-115.1
2759	638533.70	4873726.50	331.21	0	N	1000	-46.2	4.0	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	-113.5
2759	638533.70	4873726.50	331.21	0	N	2000	-49.1	4.0	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	-119.3
2759	638533.70	4873726.50	331.21	0	N	4000	-56.7	4.0	0.0	0.0	0.0	64.6	15.8	-2.3	0.0	0.0	7.5	0.0	0.0	-138.3
2759	638533.70	4873726.50	331.21	0	N	8000	-64.9	4.0	0.0	0.0	0.0	64.6	56.2	-2.3	0.0	0.0	7.9	0.0	0.0	-187.3
2759	638533.70	4873726.50	331.21	0	E	32	32.8	4.0	0.0	0.0	0.0	64.6	0.0	-4.7	0.0	0.0	9.5	0.0	0.0	-32.6
2759	638533.70	4873726.50	331.21	0	E	63	49.2	4.0	0.0	0.0	0.0	64.6	0.1	-4.7	0.0	0.0	9.5	0.0	0.0	-16.2
2759	638533.70	4873726.50	331.21	0	E	125	59.0	4.0	0.0	0.0	0.0	64.6	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-6.6
2759	638533.70	4873726.50	331.21	0	E	250	61.9	4.0	0.0	0.0	0.0	64.6	0.5	1.0	0.0	0.0	3.8	0.0	0.0	-4.0
2759	638533.70	4873726.50	331.21	0	E	500	67.1	4.0	0.0	0.0	0.0	64.6	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	0.7
2759	638533.70	4873726.50	331.21	0	E	1000	69.6	4.0	0.0	0.0	0.0	64.6	1.8	-2.3	0.0	0.0	7.2	0.0	0.0	2.3
2759	638533.70	4873726.50	331.21	0	E	2000	66.7	4.0	0.0	0.0	0.0	64.6	4.6	-2.3	0.0	0.0	7.3	0.0	0.0	-3.6

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2759	638533.70	4873726.50	331.21	0	E	4000	59.1	4.0	0.0	0.0	0.0	64.6	15.8	-2.3	0.0	0.0	7.5	0.0	0.0	-22.5
2759	638533.70	4873726.50	331.21	0	E	8000	50.9	4.0	0.0	0.0	0.0	64.6	56.2	-2.3	0.0	0.0	7.9	0.0	0.0	-71.5
2764	638606.60	4873696.13	329.57	0	D	32	32.8	2.3	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-32.9
2764	638606.60	4873696.13	329.57	0	D	63	49.2	2.3	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-16.6
2764	638606.60	4873696.13	329.57	0	D	125	59.0	2.3	0.0	0.0	0.0	63.3	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-6.9
2764	638606.60	4873696.13	329.57	0	D	250	61.9	2.3	0.0	0.0	0.0	63.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-4.3
2764	638606.60	4873696.13	329.57	0	D	500	67.1	2.3	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	0.5
2764	638606.60	4873696.13	329.57	0	D	1000	69.6	2.3	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	2.1
2764	638606.60	4873696.13	329.57	0	D	2000	66.7	2.3	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	-3.5
2764	638606.60	4873696.13	329.57	0	D	4000	59.1	2.3	0.0	0.0	0.0	63.3	13.5	-2.2	0.0	0.0	8.0	0.0	0.0	-21.1
2764	638606.60	4873696.13	329.57	0	D	8000	50.9	2.3	0.0	0.0	0.0	63.3	48.1	-2.2	0.0	0.0	8.8	0.0	0.0	-64.7
2764	638606.60	4873696.13	329.57	0	N	32	-83.0	2.3	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-148.7
2764	638606.60	4873696.13	329.57	0	N	63	-66.6	2.3	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-132.4
2764	638606.60	4873696.13	329.57	0	N	125	-56.8	2.3	0.0	0.0	0.0	63.3	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-122.7
2764	638606.60	4873696.13	329.57	0	N	250	-53.9	2.3	0.0	0.0	0.0	63.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-120.1
2764	638606.60	4873696.13	329.57	0	N	500	-48.7	2.3	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	-115.3
2764	638606.60	4873696.13	329.57	0	N	1000	-46.2	2.3	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	-113.7
2764	638606.60	4873696.13	329.57	0	N	2000	-49.1	2.3	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	-119.3
2764	638606.60	4873696.13	329.57	0	N	4000	-56.7	2.3	0.0	0.0	0.0	63.3	13.5	-2.2	0.0	0.0	8.0	0.0	0.0	-136.9
2764	638606.60	4873696.13	329.57	0	N	8000	-64.9	2.3	0.0	0.0	0.0	63.3	48.1	-2.2	0.0	0.0	8.8	0.0	0.0	-180.5
2764	638606.60	4873696.13	329.57	0	E	32	32.8	2.3	0.0	0.0	0.0	63.3	0.0	-4.5	0.0	0.0	9.3	0.0	0.0	-32.9
2764	638606.60	4873696.13	329.57	0	E	63	49.2	2.3	0.0	0.0	0.0	63.3	0.1	-4.5	0.0	0.0	9.3	0.0	0.0	-16.6
2764	638606.60	4873696.13	329.57	0	E	125	59.0	2.3	0.0	0.0	0.0	63.3	0.2	0.9	0.0	0.0	3.9	0.0	0.0	-6.9
2764	638606.60	4873696.13	329.57	0	E	250	61.9	2.3	0.0	0.0	0.0	63.3	0.4	1.2	0.0	0.0	3.7	0.0	0.0	-4.3
2764	638606.60	4873696.13	329.57	0	E	500	67.1	2.3	0.0	0.0	0.0	63.3	0.8	-1.7	0.0	0.0	6.6	0.0	0.0	0.5
2764	638606.60	4873696.13	329.57	0	E	1000	69.6	2.3	0.0	0.0	0.0	63.3	1.5	-2.2	0.0	0.0	7.2	0.0	0.0	2.1
2764	638606.60	4873696.13	329.57	0	E	2000	66.7	2.3	0.0	0.0	0.0	63.3	4.0	-2.2	0.0	0.0	7.5	0.0	0.0	-3.5
2764	638606.60	4873696.13	329.57	0	E	4000	59.1	2.3	0.0	0.0	0.0	63.3	13.5	-2.2	0.0	0.0	8.0	0.0	0.0	-21.1
2764	638606.60	4873696.13	329.57	0	E	8000	50.9	2.3	0.0	0.0	0.0	63.3	48.1	-2.2	0.0	0.0	8.8	0.0	0.0	-64.7
2995	638552.31	4873718.52	330.71	0	D	32	32.8	0.6	0.0	0.0	0.0	64.3	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-35.6
2995	638552.31	4873718.52	330.71	0	D	63	49.2	0.6	0.0	0.0	0.0	64.3	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-19.3
2995	638552.31	4873718.52	330.71	0	D	125	59.0	0.6	0.0	0.0	0.0	64.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-9.6
2995	638552.31	4873718.52	330.71	0	D	250	61.9	0.6	0.0	0.0	0.0	64.3	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-7.0
2995	638552.31	4873718.52	330.71	0	D	500	67.1	0.6	0.0	0.0	0.0	64.3	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-2.3
2995	638552.31	4873718.52	330.71	0	D	1000	69.6	0.6	0.0	0.0	0.0	64.3	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-0.6
2995	638552.31	4873718.52	330.71	0	D	2000	66.7	0.6	0.0	0.0	0.0	64.3	4.5	-2.3	0.0	0.0	7.3	0.0	0.0	-6.4
2995	638552.31	4873718.52	330.71	0	D	4000	59.1	0.6	0.0	0.0	0.0	64.3	15.2	-2.3	0.0	0.0	7.6	0.0	0.0	-25.0
2995	638552.31	4873718.52	330.71	0	D	8000	50.9	0.6	0.0	0.0	0.0	64.3	54.1	-2.3	0.0	0.0	8.1	0.0	0.0	-72.6
2995	638552.31	4873718.52	330.71	0	N	32	-83.0	0.6	0.0	0.0	0.0	64.3	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-151.4
2995	638552.31	4873718.52	330.71	0	N	63	-66.6	0.6	0.0	0.0	0.0	64.3	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-135.1
2995	638552.31	4873718.52	330.71	0	N	125	-56.8	0.6	0.0	0.0	0.0	64.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-125.4
2995	638552.31	4873718.52	330.71	0	N	250	-53.9	0.6	0.0	0.0	0.0	64.3	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-122.8
2995	638552.31	4873718.52	330.71	0	N	500	-48.7	0.6	0.0	0.0	0.0	64.3	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-118.1
2995	638552.31	4873718.52	330.71	0	N	1000	-46.2	0.6	0.0	0.0	0.0	64.3	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-116.4
2995	638552.31	4873718.52	330.71	0	N	2000	-49.1	0.6	0.0	0.0	0.0	64.3	4.5	-2.3	0.0	0.0	7.3	0.0	0.0	-122.2
2995	638552.31	4873718.52	330.71	0	N	4000	-56.7	0.6	0.0	0.0	0.0	64.3	15.2	-2.3	0.0	0.0	7.6	0.0	0.0	-140.8

Line Source, ISO 9613, Name: "Onsite truck movements - Worst-case hour ", ID: "Ph3_TruckPassby_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2995	638552.31	4873718.52	330.71	0	N	8000	-64.9	0.6	0.0	0.0	0.0	64.3	54.1	-2.3	0.0	0.0	8.1	0.0	0.0	-188.4
2995	638552.31	4873718.52	330.71	0	E	32	32.8	0.6	0.0	0.0	0.0	64.3	0.0	-4.7	0.0	0.0	9.4	0.0	0.0	-35.6
2995	638552.31	4873718.52	330.71	0	E	63	49.2	0.6	0.0	0.0	0.0	64.3	0.1	-4.7	0.0	0.0	9.4	0.0	0.0	-19.3
2995	638552.31	4873718.52	330.71	0	E	125	59.0	0.6	0.0	0.0	0.0	64.3	0.2	1.0	0.0	0.0	3.8	0.0	0.0	-9.6
2995	638552.31	4873718.52	330.71	0	E	250	61.9	0.6	0.0	0.0	0.0	64.3	0.5	1.1	0.0	0.0	3.7	0.0	0.0	-7.0
2995	638552.31	4873718.52	330.71	0	E	500	67.1	0.6	0.0	0.0	0.0	64.3	0.9	-1.8	0.0	0.0	6.6	0.0	0.0	-2.3
2995	638552.31	4873718.52	330.71	0	E	1000	69.6	0.6	0.0	0.0	0.0	64.3	1.7	-2.2	0.0	0.0	7.2	0.0	0.0	-0.6
2995	638552.31	4873718.52	330.71	0	E	2000	66.7	0.6	0.0	0.0	0.0	64.3	4.5	-2.3	0.0	0.0	7.3	0.0	0.0	-6.4
2995	638552.31	4873718.52	330.71	0	E	4000	59.1	0.6	0.0	0.0	0.0	64.3	15.2	-2.3	0.0	0.0	7.6	0.0	0.0	-25.0
2995	638552.31	4873718.52	330.71	0	E	8000	50.9	0.6	0.0	0.0	0.0	64.3	54.1	-2.3	0.0	0.0	8.1	0.0	0.0	-72.6



Making Sustainability Happen