

Receiver

Name: Fernadale Park 1

ID:

X: 491158.08 m

Y: 177601.71 m

Z: 27.56 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
1	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	25.3	

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
5	491489.62	177495.50	26.00	0	D	500	81.0	12.6	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	19.2	
9	491484.94	177479.10	26.00	0	D	500	81.0	12.0	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	18.6	
13	491479.08	177461.32	26.05	0	D	500	81.0	11.4	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	18.0	
18	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	17.5	
22	491495.78	177509.06	26.00	0	D	500	81.0	7.1	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	13.6	
28	491493.05	177505.70	26.00	0	D	500	81.0	5.5	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	12.1	
39	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	15.7	
44	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	63.1	0.8	11.9	0.0	0.0	0.0	0.0	14.7	
60	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	14.3	
70	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	14.0	
79	491470.85	177441.11	26.19	0	D	500	81.0	7.0	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	13.5	
87	491456.29	177401.61	26.47	0	D	500	81.0	7.1	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	13.4	
111	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	62.4	0.7	11.9	0.0	0.0	0.0	0.0	12.8	
116	491453.23	177414.09	26.40	0	D	500	81.0	6.1	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	12.7	
125	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	62.5	0.7	11.9	0.0	0.0	0.0	0.0	12.4	
160	491447.48	177381.27	26.61	0	D	500	81.0	5.7	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	11.9	
168	491444.99	177371.74	26.67	0	D	500	81.0	5.6	0.0	0.0	0.0	62.3	0.7	11.9	0.0	0.0	0.0	0.0	11.8	
185	491455.00	177417.30	26.37	0	D	500	81.0	5.2	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	11.7	
191	491438.49	177308.81	27.03	0	D	500	81.0	6.0	0.0	0.0	0.0	63.2	0.8	11.9	0.0	0.0	0.0	0.0	11.2	
205	491444.76	177350.76	26.80	0	D	500	81.0	5.8	0.0	0.0	0.0	62.6	0.7	11.9	0.0	0.0	0.0	0.0	11.6	
213	491455.74	177394.08	26.51	0	D	500	81.0	5.1	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	11.3	
223	491449.33	177384.15	26.59	0	D	500	81.0	5.0	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	11.2	
232	491453.03	177410.39	26.42	0	D	500	81.0	4.6	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	11.1	
252	491434.22	177297.41	27.08	0	D	500	81.0	5.7	0.0	0.0	0.0	63.3	0.8	11.9	0.0	0.0	0.0	0.0	10.8	
256	491437.01	177304.86	27.05	0	D	500	81.0	5.6	0.0	0.0	0.0	63.2	0.8	11.9	0.0	0.0	0.0	0.0	10.8	
283	491464.87	177431.96	26.26	0	D	500	81.0	3.6	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	10.2	

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
139	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	67.1	1.2	11.9	0.0	0.0	0.0	0.0	11.8	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
351	491546.03	177491.63	26.50	0	D	500	72.7	12.2	0.0	0.0	0.0	63.1	0.8	8.4	0.0	0.0	0.0	0.0	12.6	
383	491520.08	177505.23	26.50	0	D	500	72.7	11.2	0.0	0.0	0.0	62.5	0.7	8.4	0.0	0.0	0.0	0.0	12.3	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
556	491430.97	177370.61	27.21	0	D	500	72.7	10.1	0.0	0.0	0.0	62.1	0.7	8.4	0.0	0.0	0.0	0.0	11.5	
710	491460.71	177473.44	26.52	0	D	500	72.7	8.6	0.0	0.0	0.0	61.3	0.6	8.4	0.0	0.0	0.0	0.0	10.9	
761	491434.54	177378.80	27.15	0	D	500	72.7	8.9	0.0	0.0	0.0	62.0	0.7	8.4	0.0	0.0	0.0	0.0	10.4	

Receiver

Name: Fernadale Park 2

ID:

X: 491174.12 m

Y: 177628.39 m

Z: 27.55 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN Hz	Freq. dB(A)	Lw dB	I/a dB	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
2	491429.40	177385.09	26.63	0 D	500	107.0	0.0	-7.4	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	25.1		

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN Hz	Freq. dB(A)	Lw dB	I/a dB	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
6	491489.62	177495.50	26.00	0 D	500	81.0	12.6	0.0	0.0	0.0	61.7	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	19.4
10	491484.94	177479.10	26.00	0 D	500	81.0	12.0	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	18.7
14	491479.08	177461.32	26.05	0 D	500	81.0	11.4	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	18.1
20	491474.50	177448.98	26.13	0 D	500	81.0	10.9	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	17.5
26	491494.66	177507.68	26.00	0 D	500	81.0	9.4	0.0	0.0	0.0	61.7	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	16.1
31	491461.78	177427.66	26.29	0 D	500	81.0	9.2	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	15.7
35	491439.29	177314.99	27.01	0 D	500	81.0	9.4	0.0	0.0	0.0	63.3	0.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	14.4
53	491467.91	177436.49	26.22	0 D	500	81.0	7.8	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	14.3
65	491457.34	177421.05	26.34	0 D	500	81.0	7.5	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	14.0
73	491470.85	177441.11	26.19	0 D	500	81.0	7.0	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	13.5
82	491456.29	177401.61	26.47	0 D	500	81.0	7.1	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	13.3
91	491445.38	177367.57	26.70	0 D	500	81.0	6.7	0.0	0.0	0.0	62.5	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	12.6
101	491453.23	177414.09	26.40	0 D	500	81.0	6.1	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	12.6
133	491445.80	177363.06	26.72	0 D	500	81.0	6.4	0.0	0.0	0.0	62.6	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	12.2
146	491447.48	177381.27	26.61	0 D	500	81.0	5.7	0.0	0.0	0.0	62.3	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.7
156	491455.00	177417.30	26.37	0 D	500	81.0	5.2	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.7
164	491444.99	177371.74	26.67	0 D	500	81.0	5.6	0.0	0.0	0.0	62.4	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.6
172	491438.42	177308.62	27.03	0 D	500	81.0	6.4	0.0	0.0	0.0	63.4	0.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.4
177	491444.76	177350.76	26.80	0 D	500	81.0	5.8	0.0	0.0	0.0	62.8	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.4
181	491455.74	177394.08	26.51	0 D	500	81.0	5.1	0.0	0.0	0.0	62.3	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.2
188	491449.33	177384.15	26.59	0 D	500	81.0	5.0	0.0	0.0	0.0	62.3	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.1
195	491453.03	177410.39	26.42	0 D	500	81.0	4.6	0.0	0.0	0.0	62.0	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.1
204	491437.01	177304.86	27.05	0 D	500	81.0	5.6	0.0	0.0	0.0	63.4	0.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	10.5
224	491434.22	177297.41	27.08	0 D	500	81.0	5.7	0.0	0.0	0.0	63.5	0.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	10.5
263	491439.61	177327.94	26.95	0 D	500	81.0	5.0	0.0	0.0	0.0	63.1	0.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	10.3
274	491464.87	177431.96	26.26	0 D	500	81.0	3.6	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	10.2

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
123	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	66.9	1.2	11.9	0.0	0.0	0.0	0.0	12.0	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
295	491546.03	177491.63	26.50	0	D	500	72.7	12.2	0.0	0.0	0.0	63.0	0.8	8.4	0.0	0.0	0.0	0.0	12.7	
327	491520.08	177505.23	26.50	0	D	500	72.7	11.2	0.0	0.0	0.0	62.3	0.7	8.4	0.0	0.0	0.0	0.0	12.5	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
488	491430.97	177370.61	27.21	0	D	500	72.7	10.1	0.0	0.0	0.0	62.2	0.7	8.4	0.0	0.0	0.0	0.0	11.4	
576	491460.71	177473.44	26.52	0	D	500	72.7	8.6	0.0	0.0	0.0	61.3	0.6	8.4	0.0	0.0	0.0	0.0	11.0	
662	491422.53	177330.18	27.47	0	D	500	72.7	9.8	0.0	0.0	0.0	62.8	0.7	8.4	0.0	0.0	0.0	0.0	10.6	
687	491412.49	177302.52	27.58	0	D	500	72.7	10.1	0.0	0.0	0.0	63.1	0.8	8.4	0.0	0.0	0.0	0.0	10.4	
700	491426.19	177358.55	27.29	0	D	500	72.7	9.2	0.0	0.0	0.0	62.3	0.7	8.4	0.0	0.0	0.0	0.0	10.4	
705	491482.96	177511.60	26.50	0	D	500	72.7	8.2	0.0	0.0	0.0	61.4	0.6	8.4	0.0	0.0	0.0	0.0	10.4	
765	491434.54	177378.80	27.15	0	D	500	72.7	8.9	0.0	0.0	0.0	62.1	0.7	8.4	0.0	0.0	0.0	0.0	10.3	

Receiver

Name: Fernadale Park 3

ID:

X: 491182.27 m

Y: 177655.37 m

Z: 27.68 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
4	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	62.3	0.7	11.9	0.0	0.0	0.0	0.0	24.8	

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
8	491491.41	177502.35	26.00	0	D	500	81.0	6.1	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	12.8	
12	491490.57	177499.13	26.00	0	D	500	81.0	4.1	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	10.8	
21	491489.29	177494.23	26.00	0	D	500	81.0	6.5	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	13.1	
29	491488.02	177489.38	26.00	0	D	500	81.0	7.5	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	14.1	
33	491486.10	177482.80	26.00	0	D	500	81.0	9.1	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	15.7	
41	491483.74	177475.22	26.00	0	D	500	81.0	8.9	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	15.4	
49	491480.90	177466.57	26.01	0	D	500	81.0	4.4	0.0	0.0	0.0	62.0	0.7	11.9	0.0	0.0	0.0	0.0	10.9	
57	491478.63	177460.01	26.05	0	D	500	81.0	10.5	0.0	0.0	0.0	62.0	0.7	11.9	0.0	0.0	0.0	0.0	16.9	
68	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	17.3	
84	491496.63	177510.11	26.00	0	D	500	81.0	3.8	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	10.5	
114	491493.46	177506.21	26.00	0	D	500	81.0	6.9	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	13.6	
119	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	15.5	
128	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	63.6	0.8	11.9	0.0	0.0	0.0	0.0	14.1	
137	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	14.1	
141	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	13.7	
150	491470.85	177441.11	26.19	0	D	500	81.0	7.0	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	13.3	
154	491456.29	177401.61	26.47	0	D	500	81.0	7.1	0.0	0.0	0.0	62.4	0.7	11.9	0.0	0.0	0.0	0.0	13.0	
176	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	62.8	0.8	11.9	0.0	0.0	0.0	0.0	12.3	
194	491453.23	177414.09	26.40	0	D	500	81.0	6.1	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	12.3	
198	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	62.9	0.8	11.9	0.0	0.0	0.0	0.0	11.9	
206	491447.48	177381.27	26.61	0	D	500	81.0	5.7	0.0	0.0	0.0	62.6	0.7	11.9	0.0	0.0	0.0	0.0	11.4	
214	491455.00	177417.30	26.37	0	D	500	81.0	5.2	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	11.4	
218	491444.99	177371.74	26.67	0	D	500	81.0	5.6	0.0	0.0	0.0	62.7	0.7	11.9	0.0	0.0	0.0	0.0	11.3	
234	491444.76	177350.76	26.80	0	D	500	81.0	5.8	0.0	0.0	0.0	63.1	0.8	11.9	0.0	0.0	0.0	0.0	11.1	
261	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	63.7	0.8	11.9	0.0	0.0	0.0	0.0	11.0	
265	491455.74	177394.08	26.51	0	D	500	81.0	5.1	0.0	0.0	0.0	62.6	0.7	11.9	0.0	0.0	0.0	0.0	10.9	
275	491449.33	177384.15	26.59	0	D	500	81.0	5.0	0.0	0.0	0.0	62.6	0.7	11.9	0.0	0.0	0.0	0.0	10.8	
285	491453.03	177410.39	26.42	0	D	500	81.0	4.6	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	10.8	
290	491437.01	177304.86	27.05	0	D	500	81.0	5.6	0.0	0.0	0.0	63.7	0.8	11.9	0.0	0.0	0.0	0.0	10.2	

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
297	491434.22	177297.41	27.08	0	D	500	81.0	5.7	0.0	0.0	0.0	63.8	0.8	11.9	0.0	0.0	0.0	0.0	10.2	

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
163	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	66.9	1.2	11.9	0.0	0.0	0.0	0.0	12.1	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
333	491546.03	177491.63	26.50	0	D	500	72.7	12.2	0.0	0.0	0.0	63.0	0.8	8.4	0.0	0.0	0.0	0.0	12.7	
381	491520.08	177505.23	26.50	0	D	500	72.7	11.2	0.0	0.0	0.0	62.4	0.7	8.4	0.0	0.0	0.0	0.0	12.4	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
557	491430.97	177370.61	27.21	0	D	500	72.7	10.1	0.0	0.0	0.0	62.6	0.7	8.4	0.0	0.0	0.0	0.0	11.0	
590	491460.71	177473.44	26.52	0	D	500	72.7	8.6	0.0	0.0	0.0	61.4	0.6	8.4	0.0	0.0	0.0	0.0	10.8	
689	491422.53	177330.18	27.47	0	D	500	72.7	9.8	0.0	0.0	0.0	63.1	0.8	8.4	0.0	0.0	0.0	0.0	10.2	
769	491426.19	177358.55	27.29	0	D	500	72.7	9.2	0.0	0.0	0.0	62.7	0.7	8.4	0.0	0.0	0.0	0.0	10.0	

Receiver

Name: Location 5

ID:

X: 491596.55 m

Y: 177678.18 m

Z: 27.50 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
3	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	61.6	0.7	11.9	0.0	0.0	0.0	0.0	25.5	

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
7	491489.62	177495.50	26.00	0	D	500	81.0	12.6	0.0	0.0	0.0	57.5	0.4	11.8	0.0	0.0	0.0	0.0	23.9	
11	491484.94	177479.10	26.00	0	D	500	81.0	12.0	0.0	0.0	0.0	58.2	0.4	11.8	0.0	0.0	0.0	0.0	22.6	
19	491479.08	177461.32	26.05	0	D	500	81.0	11.4	0.0	0.0	0.0	58.8	0.5	11.8	0.0	0.0	0.0	0.0	21.3	
23	491494.66	177507.68	26.00	0	D	500	81.0	9.4	0.0	0.0	0.0	57.0	0.4	11.7	0.0	0.0	0.1	0.0	21.3	
48	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	59.3	0.5	11.8	0.0	0.0	0.0	0.0	20.3	
59	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	60.1	0.5	11.9	0.0	0.0	0.0	0.0	17.7	
69	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	59.7	0.5	11.9	0.0	0.0	0.0	0.0	16.6	
78	491470.85	177441.11	26.19	0	D	500	81.0	7.0	0.0	0.0	0.0	59.6	0.5	11.9	0.0	0.0	0.0	0.0	16.0	
85	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	60.3	0.6	11.9	0.0	0.0	0.0	0.0	15.7	
98	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	62.9	0.8	11.9	0.0	0.0	0.0	0.0	14.8	
112	491456.29	177401.61	26.47	0	D	500	81.0	7.1	0.0	0.0	0.0	60.8	0.6	11.9	0.0	0.0	0.0	0.0	14.8	
122	491453.23	177414.09	26.40	0	D	500	81.0	6.1	0.0	0.0	0.0	60.6	0.6	11.9	0.0	0.0	0.0	0.0	14.1	
148	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	13.4	
167	491455.00	177417.30	26.37	0	D	500	81.0	5.2	0.0	0.0	0.0	60.4	0.6	11.9	0.0	0.0	0.0	0.0	13.3	
196	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	13.0	
216	491481.95	177469.60	26.00	0	D	500	81.0	2.8	0.0	0.0	0.0	58.5	0.5	11.8	0.0	0.0	0.0	0.0	13.0	
264	491447.48	177381.27	26.61	0	D	500	81.0	5.7	0.0	0.0	0.0	61.4	0.6	11.9	0.0	0.0	0.0	0.0	12.7	
269	491455.74	177394.08	26.51	0	D	500	81.0	5.1	0.0	0.0	0.0	61.0	0.6	11.9	0.0	0.0	0.0	0.0	12.6	
281	491444.99	177371.74	26.67	0	D	500	81.0	5.6	0.0	0.0	0.0	61.7	0.7	11.9	0.0	0.0	0.0	0.0	12.4	
288	491453.03	177410.39	26.42	0	D	500	81.0	4.6	0.0	0.0	0.0	60.7	0.6	11.9	0.0	0.0	0.0	0.0	12.5	
303	491464.87	177431.96	26.26	0	D	500	81.0	3.6	0.0	0.0	0.0	59.9	0.5	11.9	0.0	0.0	0.0	0.0	12.3	
314	491449.33	177384.15	26.59	0	D	500	81.0	5.0	0.0	0.0	0.0	61.3	0.6	11.9	0.0	0.0	0.0	0.0	12.2	
331	491444.76	177350.76	26.80	0	D	500	81.0	5.8	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	12.1	
352	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	63.1	0.8	11.9	0.0	0.0	0.0	0.0	11.7	
459	491437.01	177304.86	27.05	0	D	500	81.0	5.6	0.0	0.0	0.0	63.2	0.8	11.9	0.0	0.0	0.0	0.0	10.8	
489	491434.22	177297.41	27.08	0	D	500	81.0	5.7	0.0	0.0	0.0	63.3	0.8	11.9	0.0	0.0	0.0	0.0	10.7	
494	491439.61	177327.94	26.95	0	D	500	81.0	5.0	0.0	0.0	0.0	62.7	0.7	11.9	0.0	0.0	0.0	0.0	10.7	
549	491482.42	177471.01	26.00	0	D	500	81.0	0.2	0.0	0.0	0.0	58.5	0.5	11.8	0.0	0.0	0.0	0.0	10.5	
633	491453.82	177408.26	26.43	0	D	500	81.0	2.2	0.0	0.0	0.0	60.7	0.6	11.9	0.0	0.0	0.0	0.0	10.0	

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
654	491457.56	177398.18	26.49	0	D	500	81.0	2.4	0.0	0.0	0.0	60.9	0.6	11.9	0.0	0.0	0.0	0.0	10.0	

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
42	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	58.8	0.5	11.8	0.0	0.0	0.0	0.0	20.9	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
94	491546.03	177491.63	26.50	0	D	500	72.7	12.2	0.0	0.0	0.0	56.7	0.4	8.3	0.0	0.0	5.2	0.0	0.0	14.3
107	491520.08	177505.23	26.50	0	D	500	72.7	11.2	0.0	0.0	0.0	56.5	0.4	8.3	0.0	0.0	6.1	0.0	0.0	12.6
153	491638.87	177479.13	26.30	0	D	500	72.7	10.4	0.0	0.0	0.0	57.2	0.4	8.3	0.0	0.0	0.0	0.0	0.0	17.1
179	491789.64	177499.73	26.00	0	D	500	72.7	12.2	0.0	0.0	0.0	59.4	0.5	8.4	0.0	0.0	0.0	0.0	0.0	16.5
190	491815.85	177474.85	26.00	0	D	500	72.7	13.2	0.0	0.0	0.0	60.5	0.6	8.4	0.0	0.0	0.0	0.0	0.0	16.3
207	491800.50	177486.76	26.00	0	D	500	72.7	12.6	0.0	0.0	0.0	59.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	16.3
229	491647.61	177474.33	26.28	0	D	500	72.7	8.0	0.0	0.0	0.0	57.5	0.4	8.3	0.0	0.0	0.0	0.0	0.0	14.4
298	491658.05	177468.90	26.23	0	D	500	72.7	9.8	0.0	0.0	0.0	57.8	0.4	8.4	0.0	0.0	1.9	0.0	0.0	14.0
414	491627.20	177485.63	26.32	0	D	500	72.7	7.9	0.0	0.0	0.0	56.8	0.4	8.3	0.0	0.0	3.9	0.0	0.0	11.1
428	491792.29	177526.20	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	14.9
442	491787.53	177517.46	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	14.8
517	491675.12	177459.31	26.21	0	D	500	72.7	8.5	0.0	0.0	0.0	58.3	0.4	8.4	0.0	0.0	1.1	0.0	0.0	12.9
543	491632.20	177483.47	26.31	0	D	500	72.7	7.0	0.0	0.0	0.0	56.9	0.4	8.3	0.0	0.0	0.9	0.0	0.0	13.1
860	491785.67	177510.05	26.00	0	D	500	72.7	7.7	0.0	0.0	0.0	59.1	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.4
1078	491688.75	177452.08	26.27	0	D	500	72.7	6.8	0.0	0.0	0.0	58.8	0.5	8.4	0.0	0.0	0.5	0.0	0.0	11.4
1092	491796.26	177532.49	26.00	0	D	500	72.7	6.9	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	11.8
1121	491802.97	177397.70	26.00	0	D	500	72.7	9.5	0.0	0.0	0.0	61.8	0.7	8.4	0.0	0.0	0.2	0.0	0.0	11.0
1298	491811.23	177394.53	26.00	0	D	500	72.7	9.0	0.0	0.0	0.0	62.0	0.7	8.4	0.0	0.0	0.4	0.0	0.0	10.2
1362	491710.42	177440.47	26.42	0	D	500	72.7	6.1	0.0	0.0	0.0	59.4	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.4

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
378	491482.96	177511.60	26.50	0	D	500	72.7	8.2	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	1.5	0.0	0.0	13.5
561	491460.71	177473.44	26.52	0	D	500	72.7	8.6	0.0	0.0	0.0	58.8	0.5	8.4	0.0	0.0	0.0	0.0	0.0	13.6
720	491477.21	177505.44	26.50	0	D	500	72.7	6.8	0.0	0.0	0.0	57.4	0.4	8.3	0.0	0.0	0.0	0.0	0.0	13.3
919	491474.69	177501.78	26.50	0	D	500	72.7	6.1	0.0	0.0	0.0	57.6	0.4	8.4	0.0	0.0	0.0	0.0	0.0	12.4
955	491458.90	177467.37	26.56	0	D	500	72.7	7.4	0.0	0.0	0.0	59.0	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.2
1020	491430.97	177370.61	27.21	0	D	500	72.7	10.1	0.0	0.0	0.0	61.9	0.7	8.4	0.0	0.0	0.0	0.0	0.0	11.8
1204	491434.54	177378.80	27.15	0	D	500	72.7	8.9	0.0	0.0	0.0	61.6	0.7	8.4	0.0	0.0	0.0	0.0	0.0	10.8
1233	491479.57	177508.39	26.50	0	D	500	72.7	4.5	0.0	0.0	0.0	57.3	0.4	8.3	0.0	0.0	0.4	0.0	0.0	10.7
1245	491422.53	177330.18	27.47	0	D	500	72.7	9.8	0.0	0.0	0.0	62.8	0.8	8.4	0.0	0.0	0.0	0.0	0.0	10.5
1255	491426.19	177358.55	27.29	0	D	500	72.7	9.2	0.0	0.0	0.0	62.2	0.7	8.4	0.0	0.0	0.0	0.0	0.0	10.6
1308	491466.70	177487.09	26.50	0	D	500	72.7	5.2	0.0	0.0	0.0	58.3	0.4	8.4	0.0	0.0	0.0	0.0	0.0	10.8
1327	491455.13	177448.53	26.69	0	D	500	72.7	6.5	0.0	0.0	0.0	59.6	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.6

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
1352	491412.49	177302.52	27.58	0	D	500	72.7	10.1	0.0	0.0	0.0	63.4	0.8	8.4	0.0	0.0	0.0	0.0	10.1	
1455	491471.99	177497.66	26.50	0	D	500	72.7	4.0	0.0	0.0	0.0	57.8	0.4	8.4	0.0	0.0	0.0	0.0	10.0	

Receiver

Name: Location 4 -1

ID:

X: 491708.90 m

Y: 177667.31 m

Z: 26.50 m

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
16	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	55.1	0.3	11.5	0.0	0.0	0.0	0.0	25.1	

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
25	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	63.0	0.8	11.9	0.0	0.0	0.0	0.0	24.0	

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
34	491489.62	177495.50	26.00	0	D	500	81.0	12.6	0.0	0.0	0.0	59.9	0.5	11.9	0.0	0.0	0.0	0.0	21.3	
45	491484.94	177479.10	26.00	0	D	500	81.0	12.0	0.0	0.0	0.0	60.3	0.6	11.9	0.0	0.0	0.0	0.0	20.3	
54	491479.08	177461.32	26.05	0	D	500	81.0	11.4	0.0	0.0	0.0	60.8	0.6	11.9	0.0	0.0	0.0	0.0	19.2	
62	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	61.1	0.6	11.9	0.0	0.0	0.0	0.0	18.3	
75	491494.66	177507.68	26.00	0	D	500	81.0	9.4	0.0	0.0	0.0	59.5	0.5	11.9	0.0	0.0	0.0	0.0	18.5	
100	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	61.7	0.7	11.9	0.0	0.0	0.0	0.0	15.9	
144	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	61.5	0.6	11.9	0.0	0.0	0.0	0.0	14.8	
170	491470.85	177441.11	26.19	0	D	500	81.0	7.0	0.0	0.0	0.0	61.3	0.6	11.9	0.0	0.0	0.0	0.0	14.1	
183	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	14.0	
193	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	63.9	0.9	11.9	0.0	0.0	0.0	0.0	13.7	
228	491456.29	177401.61	26.47	0	D	500	81.0	7.1	0.0	0.0	0.0	62.3	0.7	11.9	0.0	0.0	0.0	0.0	13.2	
266	491453.23	177414.09	26.40	0	D	500	81.0	6.1	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	12.4	
293	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	63.0	0.8	11.9	0.0	0.0	0.0	0.0	12.1	
329	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	63.1	0.8	11.9	0.0	0.0	0.0	0.0	11.7	
349	491455.00	177417.30	26.37	0	D	500	81.0	5.2	0.0	0.0	0.0	62.0	0.7	11.9	0.0	0.0	0.0	0.0	11.6	
363	491447.48	177381.27	26.61	0	D	500	81.0	5.7	0.0	0.0	0.0	62.8	0.7	11.9	0.0	0.0	0.0	0.0	11.3	
390	491444.99	177371.74	26.67	0	D	500	81.0	5.6	0.0	0.0	0.0	63.0	0.8	11.9	0.0	0.0	0.0	0.0	11.0	
405	491455.74	177394.08	26.51	0	D	500	81.0	5.1	0.0	0.0	0.0	62.4	0.7	11.9	0.0	0.0	0.0	0.0	11.1	
430	491444.76	177350.76	26.80	0	D	500	81.0	5.8	0.0	0.0	0.0	63.3	0.8	11.9	0.0	0.0	0.0	0.0	10.8	
444	491453.03	177410.39	26.42	0	D	500	81.0	4.6	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	10.9	
469	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	64.0	0.9	11.9	0.0	0.0	0.0	0.0	10.6	
476	491449.33	177384.15	26.59	0	D	500	81.0	5.0	0.0	0.0	0.0	62.7	0.7	11.9	0.0	0.0	0.0	0.0	10.7	
483	491481.95	177469.60	26.00	0	D	500	81.0	2.8	0.0	0.0	0.0	60.6	0.6	11.9	0.0	0.0	0.0	0.0	10.8	
518	491464.87	177431.96	26.26	0	D	500	81.0	3.6	0.0	0.0	0.0	61.6	0.7	11.9	0.0	0.0	0.0	0.0	10.5	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
83	491789.64	177499.73	26.00	0	D	500	72.7	12.2	0.0	0.0	0.0	56.4	0.4	8.3	0.0	0.0	0.0	0.0	19.8	
110	491800.50	177486.76	26.00	0	D	500	72.7	12.6	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.0	0.0	19.4	
120	491815.85	177474.85	26.00	0	D	500	72.7	13.2	0.0	0.0	0.0	57.9	0.4	8.4	0.0	0.0	0.0	0.0	19.2	
131	491792.29	177526.20	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	55.3	0.3	8.2	0.0	0.0	0.9	0.0	17.9	
161	491787.53	177517.46	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	55.6	0.3	8.2	0.0	0.0	0.0	0.0	18.5	
200	491546.03	177491.63	26.50	0	D	500	72.7	12.2	0.0	0.0	0.0	58.6	0.5	8.4	0.0	0.0	7.3	0.0	10.2	
222	491638.87	177479.13	26.30	0	D	500	72.7	10.4	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.0	0.0	17.3	
243	491645.96	177475.13	26.29	0	D	500	72.7	4.1	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.0	0.0	11.0	
245	491658.05	177468.90	26.23	0	D	500	72.7	9.8	0.0	0.0	0.0	57.2	0.4	8.3	0.0	0.0	4.9	0.0	11.7	
305	491785.67	177510.05	26.00	0	D	500	72.7	7.7	0.0	0.0	0.0	55.9	0.3	8.2	0.0	0.0	0.0	0.0	15.9	
316	491796.26	177532.49	26.00	0	D	500	72.7	6.9	0.0	0.0	0.0	55.1	0.3	8.2	0.0	0.0	4.5	0.0	11.5	
373	491675.01	177459.37	26.21	0	D	500	72.7	8.6	0.0	0.0	0.0	57.5	0.4	8.3	0.0	0.0	4.3	0.0	10.8	
422	491627.20	177485.63	26.32	0	D	500	72.7	7.9	0.0	0.0	0.0	57.0	0.4	8.3	0.0	0.0	0.0	0.0	14.8	
532	491632.20	177483.47	26.31	0	D	500	72.7	7.0	0.0	0.0	0.0	57.0	0.4	8.3	0.0	0.0	0.0	0.0	14.0	
584	491802.97	177397.70	26.00	0	D	500	72.7	9.5	0.0	0.0	0.0	60.1	0.6	8.4	0.0	0.0	2.6	0.0	10.4	
636	491804.50	177545.31	26.00	0	D	500	72.7	3.8	0.0	0.0	0.0	54.8	0.3	8.1	0.0	0.0	0.0	0.0	13.3	
646	491805.79	177547.31	26.00	0	D	500	72.7	3.7	0.0	0.0	0.0	54.8	0.3	8.1	0.0	0.0	0.0	0.0	13.2	
694	491803.22	177543.31	26.00	0	D	500	72.7	3.7	0.0	0.0	0.0	54.9	0.3	8.1	0.0	0.0	0.0	0.0	13.0	
759	491813.43	177559.20	26.00	0	D	500	72.7	3.2	0.0	0.0	0.0	54.5	0.3	8.1	0.0	0.0	0.0	0.0	12.9	
784	491867.74	177428.31	26.00	0	D	500	72.7	8.7	0.0	0.0	0.0	60.2	0.6	8.4	0.0	0.0	0.0	0.0	12.2	
887	491859.62	177394.58	26.00	0	D	500	72.7	9.1	0.0	0.0	0.0	60.9	0.6	8.4	0.0	0.0	0.0	0.0	11.8	
1090	491863.39	177408.10	26.00	0	D	500	72.7	8.3	0.0	0.0	0.0	60.6	0.6	8.4	0.0	0.0	0.0	0.0	11.4	
1156	491840.72	177457.54	26.00	0	D	500	72.7	6.5	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	11.4	
1295	491810.53	177554.69	26.00	0	D	500	72.7	1.6	0.0	0.0	0.0	54.6	0.3	8.1	0.0	0.0	0.0	0.0	11.3	
1399	491831.93	177463.32	26.00	0	D	500	72.7	5.3	0.0	0.0	0.0	58.5	0.5	8.4	0.0	0.0	0.0	0.0	10.6	
1404	491808.13	177550.96	26.00	0	D	500	72.7	1.5	0.0	0.0	0.0	54.7	0.3	8.1	0.0	0.0	0.0	0.0	11.0	
1460	491852.78	177452.12	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	59.3	0.5	8.4	0.0	0.0	0.0	0.0	10.4	
1544	491812.34	177557.51	26.00	0	D	500	72.7	0.9	0.0	0.0	0.0	54.6	0.3	8.1	0.0	0.0	0.0	0.0	10.6	
1602	491799.13	177536.95	26.00	0	D	500	72.7	1.2	0.0	0.0	0.0	55.0	0.3	8.1	0.0	0.0	0.0	0.0	10.4	
1622	491807.11	177549.37	26.00	0	D	500	72.7	0.9	0.0	0.0	0.0	54.7	0.3	8.1	0.0	0.0	0.0	0.0	10.4	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
810	491482.96	177511.60	26.50	0	D	500	72.7	8.2	0.0	0.0	0.0	59.8	0.5	8.4	0.0	0.0	0.4	0.0	0.0	11.7
1102	491460.71	177473.44	26.52	0	D	500	72.7	8.6	0.0	0.0	0.0	61.0	0.6	8.4	0.0	0.0	0.0	0.0	0.0	11.3
1339	491430.97	177370.61	27.21	0	D	500	72.7	10.1	0.0	0.0	0.0	63.2	0.8	8.4	0.0	0.0	0.0	0.0	0.0	10.3
1378	491477.21	177505.44	26.50	0	D	500	72.7	6.8	0.0	0.0	0.0	60.0	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.5

Receiver

Name: Location 4 - 2

ID:

X: 491776.16 m

Y: 177628.31 m

Z: 26.50 m

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
17	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	50.9	0.2	10.4	0.0	0.0	3.5	0.0	0.0	27.0

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
24	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	63.5	0.8	11.9	0.0	0.0	0.0	0.0	0.0	23.4

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
40	491491.59	177503.05	26.00	0	D	500	81.0	4.2	0.0	0.0	0.0	60.9	0.6	11.9	0.0	0.0	0.0	0.0	0.0	11.9
56	491491.04	177500.94	26.00	0	D	500	81.0	2.4	0.0	0.0	0.0	60.9	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.0
95	491489.51	177495.08	26.00	0	D	500	81.0	3.7	0.0	0.0	0.0	61.0	0.6	11.9	0.0	0.0	0.0	0.0	0.0	11.2
102	491488.95	177492.93	26.00	0	D	500	81.0	3.3	0.0	0.0	0.0	61.0	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.7
115	491488.04	177489.46	26.00	0	D	500	81.0	3.1	0.0	0.0	0.0	61.1	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.5
126	491487.54	177487.58	26.00	0	D	500	81.0	2.7	0.0	0.0	0.0	61.1	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.1
147	491486.82	177485.12	26.00	0	D	500	81.0	5.1	0.0	0.0	0.0	61.2	0.6	11.9	0.0	0.0	0.0	0.0	0.0	12.5
169	491485.29	177480.21	26.00	0	D	500	81.0	6.8	0.0	0.0	0.0	61.3	0.6	11.9	0.0	0.0	0.0	0.0	0.0	14.0
208	491482.92	177472.61	26.00	0	D	500	81.0	3.6	0.0	0.0	0.0	61.4	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.7
345	491480.96	177466.74	26.01	0	D	500	81.0	3.8	0.0	0.0	0.0	61.5	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.8
353	491480.21	177464.57	26.02	0	D	500	81.0	3.4	0.0	0.0	0.0	61.6	0.7	11.9	0.0	0.0	0.0	0.0	0.0	10.3
406	491478.26	177458.96	26.06	0	D	500	81.0	3.9	0.0	0.0	0.0	61.7	0.7	11.9	0.0	0.0	0.0	0.0	0.0	10.7
464	491476.02	177452.78	26.11	0	D	500	81.0	6.3	0.0	0.0	0.0	61.8	0.7	11.9	0.0	0.0	0.0	0.0	0.0	12.9
503	491473.71	177447.01	26.15	0	D	500	81.0	3.5	0.0	0.0	0.0	61.9	0.7	11.9	0.0	0.0	0.0	0.0	0.0	10.0
510	491472.74	177444.59	26.16	0	D	500	81.0	4.7	0.0	0.0	0.0	62.0	0.7	11.9	0.0	0.0	0.0	0.0	0.0	11.2
538	491496.54	177510.00	26.00	0	D	500	81.0	4.3	0.0	0.0	0.0	60.6	0.6	11.9	0.0	0.0	1.7	0.0	0.0	10.5
545	491493.81	177506.64	26.00	0	D	500	81.0	7.8	0.0	0.0	0.0	60.8	0.6	11.9	0.0	0.0	0.4	0.0	0.0	15.1
594	491461.33	177427.02	26.30	0	D	500	81.0	5.5	0.0	0.0	0.0	62.5	0.7	11.9	0.0	0.0	0.0	0.0	0.0	11.5
632	491468.85	177437.96	26.21	0	D	500	81.0	4.0	0.0	0.0	0.0	62.2	0.7	11.9	0.0	0.0	0.0	0.0	0.0	10.3
680	491439.32	177316.03	27.01	0	D	500	81.0	8.2	0.0	0.0	0.0	64.2	0.9	11.9	0.0	0.0	0.0	0.0	0.0	12.2
767	491470.91	177441.19	26.19	0	D	500	81.0	6.8	0.0	0.0	0.0	62.1	0.7	11.9	0.0	0.0	0.0	0.0	0.0	13.1
1131	491452.97	177413.57	26.40	0	D	500	81.0	4.6	0.0	0.0	0.0	62.8	0.7	11.9	0.0	0.0	0.0	0.0	0.0	10.2
1142	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	63.5	0.8	11.9	0.0	0.0	0.0	0.0	0.0	11.6
1263	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	63.5	0.8	11.9	0.0	0.0	0.0	0.0	0.0	11.2

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
1342	491447.48	177381.27	26.61	0	D	500	81.0	5.7	0.0	0.0	0.0	63.3	0.8	11.9	0.0	0.0	0.0	0.0	10.7	
1396	491444.99	177371.74	26.67	0	D	500	81.0	5.6	0.0	0.0	0.0	63.4	0.8	11.9	0.0	0.0	0.0	0.0	10.5	
1450	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	64.4	0.9	11.9	0.0	0.0	0.0	0.0	10.3	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
135	491789.64	177499.73	26.00	0	D	500	72.7	12.2	0.0	0.0	0.0	53.2	0.2	7.9	0.0	0.0	0.0	0.0	23.5	
231	491792.29	177526.20	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	51.3	0.2	7.5	0.0	0.0	4.1	0.0	0.0	19.6
250	491800.50	177486.76	26.00	0	D	500	72.7	12.6	0.0	0.0	0.0	54.1	0.3	8.0	0.0	0.0	0.0	0.0	22.8	
267	491808.22	177480.75	26.00	0	D	500	72.7	1.6	0.0	0.0	0.0	54.6	0.3	8.1	0.0	0.0	0.0	0.0	11.3	
277	491814.90	177475.58	26.00	0	D	500	72.7	11.9	0.0	0.0	0.0	54.9	0.3	8.1	0.0	0.0	0.0	0.0	21.1	
312	491822.53	177469.67	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	55.4	0.3	8.2	0.0	0.0	0.0	0.0	14.6	
324	491787.53	177517.46	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	51.9	0.2	7.6	0.0	0.0	1.9	0.0	0.0	20.9
555	491797.31	177534.12	26.00	0	D	500	72.7	0.2	0.0	0.0	0.0	50.7	0.2	7.3	0.0	0.0	1.7	0.0	0.0	12.9
559	491795.98	177532.06	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	50.8	0.2	7.4	0.0	0.0	6.9	0.0	0.0	13.2
563	491785.67	177510.05	26.00	0	D	500	72.7	7.7	0.0	0.0	0.0	52.5	0.2	7.7	0.0	0.0	0.9	0.0	0.0	19.0
610	491813.43	177559.20	26.00	0	D	500	72.7	3.2	0.0	0.0	0.0	48.9	0.2	6.8	0.0	0.0	0.0	0.0	0.0	20.0
622	491804.50	177545.31	26.00	0	D	500	72.7	3.8	0.0	0.0	0.0	49.9	0.2	7.1	0.0	0.0	0.0	0.0	0.0	19.4
625	491805.79	177547.31	26.00	0	D	500	72.7	3.7	0.0	0.0	0.0	49.7	0.2	7.1	0.0	0.0	0.0	0.0	0.0	19.4
668	491803.22	177543.31	26.00	0	D	500	72.7	3.7	0.0	0.0	0.0	50.0	0.2	7.1	0.0	0.0	0.0	0.0	0.0	19.0
711	491641.78	177477.36	26.29	0	D	500	72.7	6.1	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.1	0.0	0.0	12.9
722	491638.97	177479.07	26.30	0	D	500	72.7	3.9	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.0	0.0	0.0	10.7
753	491635.51	177481.17	26.30	0	D	500	72.7	4.9	0.0	0.0	0.0	57.2	0.4	8.3	0.0	0.0	0.0	0.0	0.0	11.6
838	491619.37	177483.63	26.36	0	D	500	72.7	10.4	0.0	0.0	0.0	57.6	0.4	8.4	0.0	0.0	0.0	0.0	0.0	16.7
886	491659.04	177468.33	26.23	0	D	500	72.7	8.7	0.0	0.0	0.0	56.9	0.4	8.3	0.0	0.0	4.3	0.0	0.0	11.4
894	491798.18	177535.48	26.00	0	D	500	72.7	3.4	0.0	0.0	0.0	50.6	0.2	7.3	0.0	0.0	2.1	0.0	0.0	15.9
1041	491810.53	177554.69	26.00	0	D	500	72.7	1.6	0.0	0.0	0.0	49.2	0.2	6.9	0.0	0.0	0.0	0.0	0.0	18.0
1049	491808.13	177550.96	26.00	0	D	500	72.7	1.5	0.0	0.0	0.0	49.5	0.2	7.0	0.0	0.0	0.0	0.0	0.0	17.5
1055	491812.34	177557.51	26.00	0	D	500	72.7	0.9	0.0	0.0	0.0	49.0	0.2	6.8	0.0	0.0	0.0	0.0	0.0	17.6
1064	491610.53	177478.63	26.42	0	D	500	72.7	9.7	0.0	0.0	0.0	58.0	0.4	8.4	0.0	0.0	0.0	0.0	0.0	15.5
1073	491675.01	177459.37	26.21	0	D	500	72.7	8.6	0.0	0.0	0.0	56.9	0.4	8.3	0.0	0.0	3.9	0.0	0.0	11.8
1149	491801.79	177541.08	26.00	0	D	500	72.7	1.7	0.0	0.0	0.0	50.2	0.2	7.2	0.0	0.0	0.0	0.0	0.0	16.8
1159	491800.86	177539.64	26.00	0	D	500	72.7	1.6	0.0	0.0	0.0	50.3	0.2	7.2	0.0	0.0	2.3	0.0	0.0	14.3
1166	491807.11	177549.37	26.00	0	D	500	72.7	0.9	0.0	0.0	0.0	49.6	0.2	7.0	0.0	0.0	0.0	0.0	0.0	16.8
1271	491802.97	177397.70	26.00	0	D	500	72.7	9.5	0.0	0.0	0.0	58.3	0.4	8.4	0.0	0.0	3.3	0.0	0.0	11.6
1279	491867.74	177428.31	26.00	0	D	500	72.7	8.7	0.0	0.0	0.0	57.8	0.4	8.4	0.0	0.0	0.0	0.0	0.0	14.7
1286	491809.53	177553.13	26.00	0	D	500	72.7	0.1	0.0	0.0	0.0	49.3	0.2	6.9	0.0	0.0	0.0	0.0	0.0	16.4
1330	491799.13	177536.95	26.00	0	D	500	72.7	1.2	0.0	0.0	0.0	50.5	0.2	7.3	0.0	0.0	2.5	0.0	0.0	13.4
1361	491626.50	177485.79	26.32	0	D	500	72.7	6.2	0.0	0.0	0.0	57.3	0.4	8.3	0.0	0.0	0.0	0.0	0.0	12.8
1376	491792.89	177402.83	26.00	0	D	500	72.7	8.6	0.0	0.0	0.0	58.1	0.4	8.4	0.0	0.0	3.8	0.0	0.0	10.6
1385	491811.23	177394.53	26.00	0	D	500	72.7	9.0	0.0	0.0	0.0	58.5	0.5	8.4	0.0	0.0	3.5	0.0	0.0	10.8
1461	491840.72	177457.54	26.00	0	D	500	72.7	6.5	0.0	0.0	0.0	56.2	0.4	8.3	0.0	0.0	0.0	0.0	0.0	14.3
1471	491859.65	177394.73	26.00	0	D	500	72.7	8.9	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	13.8

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
1560	491808.75	177551.93	26.00	0	D	500	72.7	-0.5	0.0	0.0	0.0	49.4	0.2	7.0	0.0	0.0	0.0	0.0	0.0	15.7
1589	491800.17	177538.58	26.00	0	D	500	72.7	0.3	0.0	0.0	0.0	50.4	0.2	7.2	0.0	0.0	2.8	0.0	0.0	12.4
1598	491688.75	177452.08	26.27	0	D	500	72.7	6.8	0.0	0.0	0.0	56.9	0.4	8.3	0.0	0.0	3.5	0.0	0.0	10.4
1607	491863.39	177408.10	26.00	0	D	500	72.7	8.3	0.0	0.0	0.0	58.5	0.5	8.4	0.0	0.0	0.0	0.0	0.0	13.6
1630	491632.20	177483.47	26.31	0	D	500	72.7	7.0	0.0	0.0	0.0	57.2	0.4	8.3	0.0	0.0	0.0	0.0	0.0	13.7
1675	491811.81	177556.68	26.00	0	D	500	72.7	-1.3	0.0	0.0	0.0	49.1	0.2	6.8	0.0	0.0	0.0	0.0	0.0	15.3
1701	491831.93	177463.32	26.00	0	D	500	72.7	5.3	0.0	0.0	0.0	55.8	0.3	8.2	0.0	0.0	0.0	0.0	0.0	13.6
1730	491852.78	177452.12	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	56.7	0.4	8.3	0.0	0.0	0.0	0.0	0.0	13.2
1778	491811.24	177555.80	26.00	0	D	500	72.7	-2.0	0.0	0.0	0.0	49.1	0.2	6.9	0.0	0.0	0.0	0.0	0.0	14.5
1786	491802.39	177542.02	26.00	0	D	500	72.7	-1.2	0.0	0.0	0.0	50.1	0.2	7.2	0.0	0.0	0.0	0.0	0.0	14.0
1855	491809.97	177553.82	26.00	0	D	500	72.7	-2.1	0.0	0.0	0.0	49.3	0.2	6.9	0.0	0.0	0.0	0.0	0.0	14.2
1861	491806.60	177548.57	26.00	0	D	500	72.7	-1.8	0.0	0.0	0.0	49.6	0.2	7.0	0.0	0.0	0.0	0.0	0.0	14.1
1904	491858.78	177448.73	26.00	0	D	500	72.7	5.2	0.0	0.0	0.0	56.9	0.4	8.3	0.0	0.0	0.0	0.0	0.0	12.2
2020	491799.68	177537.82	26.00	0	D	500	72.7	-1.4	0.0	0.0	0.0	50.4	0.2	7.3	0.0	0.0	2.7	0.0	0.0	10.7
2097	491825.01	177467.87	26.00	0	D	500	72.7	3.6	0.0	0.0	0.0	55.5	0.3	8.2	0.0	0.0	0.0	0.0	0.0	12.2
2130	491826.90	177466.63	26.00	0	D	500	72.7	3.5	0.0	0.0	0.0	55.6	0.3	8.2	0.0	0.0	0.0	0.0	0.0	12.0
2139	491837.42	177459.71	26.00	0	D	500	72.7	3.9	0.0	0.0	0.0	56.1	0.3	8.3	0.0	0.0	0.0	0.0	0.0	11.9
2173	491866.83	177420.53	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	58.1	0.4	8.4	0.0	0.0	0.0	0.0	0.0	11.6
2259	491865.83	177416.52	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	58.2	0.4	8.4	0.0	0.0	0.0	0.0	0.0	11.5
2380	491847.97	177454.10	26.00	0	D	500	72.7	3.9	0.0	0.0	0.0	56.5	0.4	8.3	0.0	0.0	0.0	0.0	0.0	11.4
2434	491829.66	177464.81	26.00	0	D	500	72.7	3.1	0.0	0.0	0.0	55.7	0.3	8.2	0.0	0.0	0.0	0.0	0.0	11.5
2464	491809.12	177552.50	26.00	0	D	500	72.7	-3.3	0.0	0.0	0.0	49.3	0.2	6.9	0.0	0.0	0.0	0.0	0.0	12.9
2470	491807.57	177550.08	26.00	0	D	500	72.7	-3.2	0.0	0.0	0.0	49.5	0.2	7.0	0.0	0.0	0.0	0.0	0.0	12.8
2725	491835.65	177460.88	26.00	0	D	500	72.7	2.5	0.0	0.0	0.0	56.0	0.3	8.2	0.0	0.0	0.0	0.0	0.0	10.6
2765	491812.77	177558.17	26.00	0	D	500	72.7	-4.5	0.0	0.0	0.0	49.0	0.2	6.8	0.0	0.0	0.0	0.0	0.0	12.2
2786	491856.56	177450.57	26.00	0	D	500	72.7	3.3	0.0	0.0	0.0	56.8	0.4	8.3	0.0	0.0	0.0	0.0	0.0	10.4
2875	491811.51	177556.21	26.00	0	D	500	72.7	-4.5	0.0	0.0	0.0	49.1	0.2	6.9	0.0	0.0	0.0	0.0	0.0	12.0
2952	491861.19	177445.50	26.00	0	D	500	72.7	3.4	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.0	0.0	0.0	10.3
3444	491811.00	177555.42	26.00	0	D	500	72.7	-5.6	0.0	0.0	0.0	49.1	0.2	6.9	0.0	0.0	0.0	0.0	0.0	10.9

Receiver

Name: Location 3 - 1

ID:

X: 492219.97 m

Y: 177418.09 m

Z: 26.50 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
27	491429.40	177385.09	26.63	0 D	500	107.0	0.0	-7.4	0.0	0.0	69.0	1.5	11.9	0.0	0.0	0.0	0.0	17.3		

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
37	491790.82	177530.05	25.50	0 D	500	95.0	0.0	-3.0	0.0	0.0	63.9	0.9	11.9	0.0	0.0	0.0	0.0	15.3		

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
81	491484.94	177479.10	26.00	0 D	500	81.0	12.0	0.0	0.0	0.0	68.4	1.4	11.9	0.0	0.0	0.0	0.0	0.0	11.4	
93	491479.08	177461.32	26.05	0 D	500	81.0	11.4	0.0	0.0	0.0	68.4	1.4	11.9	0.0	0.0	0.0	0.0	0.0	10.7	
106	491474.50	177448.98	26.13	0 D	500	81.0	10.9	0.0	0.0	0.0	68.5	1.4	11.9	0.0	0.0	0.0	0.0	0.0	10.2	

Line Source, ISO 9613, Name: "HGV", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl. D	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
117	491815.85	177474.85	26.00	0 D	500	72.7	13.2	0.0	0.0	0.0	63.2	0.8	8.4	0.0	0.0	0.0	0.0	0.0	13.4	
140	491800.50	177486.76	26.00	0 D	500	72.7	12.6	0.0	0.0	0.0	63.6	0.8	8.4	0.0	0.0	0.0	0.0	0.0	12.4	
184	491789.64	177499.73	26.00	0 D	500	72.7	12.2	0.0	0.0	0.0	63.8	0.8	8.4	0.0	0.0	0.0	0.0	0.0	11.8	
219	491859.62	177394.58	26.00	0 D	500	72.7	9.1	0.0	0.0	0.0	62.2	0.7	8.4	0.0	0.0	0.0	0.0	0.0	10.5	
239	491867.74	177428.31	26.00	0 D	500	72.7	8.7	0.0	0.0	0.0	61.9	0.7	8.4	0.0	0.0	0.0	0.0	0.0	10.3	

Receiver

Name: Location 3 - 2

ID:

X: 492069.06 m

Y: 177474.75 m

Z: 26.00 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
30	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	67.2	1.2	11.9	0.0	0.0	0.0	0.0	19.3	

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
36	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	60.1	0.5	11.9	0.0	0.0	0.0	0.0	19.5	

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
46	491490.04	177497.10	26.00	0	D	500	81.0	11.7	0.0	0.0	0.0	66.3	1.1	11.9	0.0	0.0	0.0	0.0	13.5	
86	491484.00	177476.07	26.00	0	D	500	81.0	9.8	0.0	0.0	0.0	66.3	1.1	11.9	0.0	0.0	0.0	0.0	11.5	
97	491479.08	177461.32	26.05	0	D	500	81.0	11.4	0.0	0.0	0.0	66.4	1.1	11.9	0.0	0.0	0.0	0.0	13.0	
124	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	66.5	1.1	11.9	0.0	0.0	0.0	0.0	12.5	
142	491494.66	177507.68	26.00	0	D	500	81.0	9.4	0.0	0.0	0.0	66.2	1.1	11.9	0.0	0.0	0.0	0.0	11.2	
162	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	66.7	1.2	11.9	0.0	0.0	0.0	0.0	10.4	
187	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	67.3	1.3	11.9	0.0	0.0	0.0	0.0	10.0	

Line Source, ISO 9613, Name: "HGV", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
67	491815.85	177474.85	26.00	0	D	500	72.7	13.2	0.0	0.0	0.0	59.1	0.5	8.4	0.0	0.0	0.0	0.0	17.9	
104	491800.26	177486.94	26.00	0	D	500	72.7	12.4	0.0	0.0	0.0	59.6	0.5	8.4	0.0	0.0	0.0	0.0	16.6	
136	491789.64	177499.73	26.00	0	D	500	72.7	12.2	0.0	0.0	0.0	60.0	0.5	8.4	0.0	0.0	0.0	0.0	15.9	
151	491867.74	177428.31	26.00	0	D	500	72.7	8.7	0.0	0.0	0.0	57.3	0.4	8.3	0.0	0.0	0.0	0.0	15.3	
155	491859.62	177394.58	26.00	0	D	500	72.7	9.1	0.0	0.0	0.0	58.0	0.4	8.4	0.0	0.0	0.0	0.0	14.9	
175	491863.39	177408.10	26.00	0	D	500	72.7	8.3	0.0	0.0	0.0	57.7	0.4	8.4	0.0	0.0	0.0	0.0	14.5	
226	491792.29	177526.20	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	60.0	0.5	8.4	0.0	0.0	0.0	0.0	13.7	
235	491787.53	177517.46	26.00	0	D	500	72.7	10.0	0.0	0.0	0.0	60.1	0.5	8.4	0.0	0.0	0.0	0.0	13.6	
282	491811.23	177394.53	26.00	0	D	500	72.7	9.0	0.0	0.0	0.0	59.6	0.5	8.4	0.0	0.0	2.7	0.0	10.4	
339	491866.83	177420.53	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	57.4	0.4	8.3	0.0	0.0	0.0	0.0	12.4	
343	491865.83	177416.52	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	57.5	0.4	8.3	0.0	0.0	0.0	0.0	12.3	
358	491840.72	177457.54	26.00	0	D	500	72.7	6.5	0.0	0.0	0.0	58.2	0.4	8.4	0.0	0.0	0.0	0.0	12.1	
362	491852.78	177452.12	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	57.7	0.4	8.4	0.0	0.0	0.0	0.0	12.0	

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
401	491858.78	177448.73	26.00	0	D	500	72.7	5.2	0.0	0.0	0.0	57.5	0.4	8.3	0.0	0.0	0.0	0.0	11.6	
454	491785.67	177510.05	26.00	0	D	500	72.7	7.7	0.0	0.0	0.0	60.1	0.6	8.4	0.0	0.0	0.0	0.0	11.2	
514	491847.77	177382.28	26.00	0	D	500	72.7	5.6	0.0	0.0	0.0	58.6	0.5	8.4	0.0	0.0	0.0	0.0	10.8	
568	491839.11	177383.08	26.00	0	D	500	72.7	5.8	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	10.7	
595	491831.93	177463.32	26.00	0	D	500	72.7	5.3	0.0	0.0	0.0	58.5	0.5	8.4	0.0	0.0	0.0	0.0	10.6	
611	491864.85	177412.62	26.00	0	D	500	72.7	4.4	0.0	0.0	0.0	57.6	0.4	8.4	0.0	0.0	0.0	0.0	10.7	
695	491649.33	177473.49	26.27	0	D	500	72.7	10.0	0.0	0.0	0.0	63.5	0.8	8.4	0.0	0.0	0.0	0.0	10.0	
707	491658.05	177468.90	26.23	0	D	500	72.7	9.8	0.0	0.0	0.0	63.3	0.8	8.4	0.0	0.0	0.0	0.0	10.0	
775	491867.56	177434.13	26.00	0	D	500	72.7	3.6	0.0	0.0	0.0	57.3	0.4	8.3	0.0	0.0	0.0	0.0	10.3	
786	491858.23	177389.42	26.00	0	D	500	72.7	4.3	0.0	0.0	0.0	58.1	0.4	8.4	0.0	0.0	0.0	0.0	10.0	

Receiver

Name: Location 2 - 1

ID:

X: 490997.83 m

Y: 177166.21 m

Z: 29.46 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
217	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	64.7	0.9	11.9	0.0	0.0	0.0	0.0	22.1	

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
227	491489.62	177495.50	26.00	0	D	500	81.0	12.6	0.0	0.0	0.0	66.4	1.1	11.9	0.0	0.0	0.0	0.0	14.2	
237	491484.94	177479.10	26.00	0	D	500	81.0	12.0	0.0	0.0	0.0	66.3	1.1	11.9	0.0	0.0	0.0	0.0	13.8	
240	491479.08	177461.32	26.05	0	D	500	81.0	11.4	0.0	0.0	0.0	66.0	1.1	11.9	0.0	0.0	0.0	0.0	13.4	
242	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	65.9	1.1	11.9	0.0	0.0	0.0	0.0	13.1	
244	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	64.4	0.9	11.9	0.0	0.0	0.0	0.0	13.2	
246	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	65.5	1.0	11.9	0.0	0.0	0.0	0.0	11.8	
258	491494.66	177507.68	26.00	0	D	500	81.0	9.4	0.0	0.0	0.0	66.6	1.2	11.9	0.0	0.0	0.0	0.0	10.8	
262	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	65.7	1.0	11.9	0.0	0.0	0.0	0.0	10.2	
278	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	64.3	0.9	11.9	0.0	0.0	0.0	0.0	10.3	
289	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	65.4	1.0	11.9	0.0	0.0	0.0	0.0	10.2	
294	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	64.8	0.9	11.9	0.0	0.0	0.0	0.0	10.1	

Receiver

Name: Location 2 - 2

ID:

X: 491018.68 m

Y: 177160.90 m

Z: 29.52 m

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
32	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	64.4	0.9	11.9	0.0	0.0	0.0	0.0	22.4	

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
38	491489.62	177495.50	26.00	0	D	500	81.0	12.6	0.0	0.0	0.0	66.2	1.1	11.9	0.0	0.0	0.0	0.0	14.4	
51	491484.94	177479.10	26.00	0	D	500	81.0	12.0	0.0	0.0	0.0	66.0	1.1	11.9	0.0	0.0	0.0	0.0	14.0	
61	491479.08	177461.32	26.05	0	D	500	81.0	11.4	0.0	0.0	0.0	65.8	1.1	11.9	0.0	0.0	0.0	0.0	13.7	
66	491474.50	177448.98	26.13	0	D	500	81.0	10.9	0.0	0.0	0.0	65.6	1.0	11.9	0.0	0.0	0.0	0.0	13.4	
71	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	64.0	0.9	11.9	0.0	0.0	0.0	0.0	13.6	
80	491461.78	177427.66	26.29	0	D	500	81.0	9.2	0.0	0.0	0.0	65.3	1.0	11.9	0.0	0.0	0.0	0.0	12.0	
90	491494.66	177507.68	26.00	0	D	500	81.0	9.4	0.0	0.0	0.0	66.4	1.1	11.9	0.0	0.0	0.0	0.0	11.0	
99	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	64.0	0.9	11.9	0.0	0.0	0.0	0.0	10.7	
103	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	65.4	1.0	11.9	0.0	0.0	0.0	0.0	10.5	
108	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	65.2	1.0	11.9	0.0	0.0	0.0	0.0	10.5	
121	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	64.5	0.9	11.9	0.0	0.0	0.0	0.0	10.4	
134	491456.29	177401.61	26.47	0	D	500	81.0	7.1	0.0	0.0	0.0	65.0	1.0	11.9	0.0	0.0	0.0	0.0	10.3	
143	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	64.5	0.9	11.9	0.0	0.0	0.0	0.0	10.1	
152	491434.22	177297.41	27.08	0	D	500	81.0	5.7	0.0	0.0	0.0	63.8	0.8	11.9	0.0	0.0	0.0	0.0	10.2	

Line Source, ISO 9613, Name: "HGV", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
465	491412.49	177302.52	27.58	0	D	500	72.7	10.1	0.0	0.0	0.0	63.4	0.8	8.4	0.0	0.0	0.0	0.0	10.1	

Receiver

Name: Location 8

ID:

X: 491538.64 m

Y: 177551.27 m

Z: 26.83 m

Line Source, ISO 9613, Name: "Dozer", ID: ""

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
43	491491.74	177503.60	26.00	0	D	500	81.0	1.7	0.0	0.0	0.0	47.5	0.1	8.9	0.0	0.0	3.8	0.0	0.0	22.5
47	491491.31	177501.95	26.00	0	D	500	81.0	2.8	0.0	0.0	0.0	47.7	0.1	9.0	0.0	0.0	3.4	0.0	0.0	23.6
50	491490.84	177500.18	26.00	0	D	500	81.0	2.4	0.0	0.0	0.0	47.9	0.1	9.1	0.0	0.0	3.1	0.0	0.0	23.2
58	491490.04	177497.11	26.00	0	D	500	81.0	6.6	0.0	0.0	0.0	48.2	0.1	9.2	0.0	0.0	2.5	0.0	0.0	27.5
74	491489.20	177493.90	26.00	0	D	500	81.0	3.0	0.0	0.0	0.0	48.6	0.1	9.4	0.0	0.0	2.0	0.0	0.0	23.9
92	491488.35	177490.65	26.00	0	D	500	81.0	6.7	0.0	0.0	0.0	48.9	0.2	9.5	0.0	0.0	1.5	0.0	0.0	27.6
96	491487.53	177487.53	26.00	0	D	500	81.0	2.4	0.0	0.0	0.0	49.2	0.2	9.7	0.0	0.0	1.1	0.0	0.0	23.2
105	491495.41	177508.61	26.00	0	D	500	81.0	8.0	0.0	0.0	0.0	46.7	0.1	8.4	0.0	0.0	5.5	0.0	0.0	28.3
118	491492.68	177505.25	26.00	0	D	500	81.0	3.8	0.0	0.0	0.0	47.3	0.1	8.7	0.0	0.0	4.2	0.0	0.0	24.4
127	491487.11	177486.04	26.00	0	D	500	81.0	1.2	0.0	0.0	0.0	49.4	0.2	9.7	0.0	0.0	0.9	0.0	0.0	22.0
130	491485.93	177482.25	26.00	0	D	500	81.0	8.2	0.0	0.0	0.0	49.8	0.2	9.9	0.0	0.0	0.5	0.0	0.0	28.9
138	491484.44	177477.46	26.00	0	D	500	81.0	5.3	0.0	0.0	0.0	50.2	0.2	10.1	0.0	0.0	0.0	0.0	0.0	25.9
145	491483.25	177473.67	26.00	0	D	500	81.0	6.6	0.0	0.0	0.0	50.6	0.2	10.2	0.0	0.0	0.0	0.0	0.0	26.6
158	491480.05	177464.11	26.03	0	D	500	81.0	9.0	0.0	0.0	0.0	51.4	0.2	10.5	0.0	0.0	0.0	0.0	0.0	27.9
165	491477.77	177457.55	26.07	0	D	500	81.0	7.7	0.0	0.0	0.0	52.0	0.2	10.7	0.0	0.0	0.0	0.0	0.0	25.8
174	491475.38	177451.18	26.12	0	D	500	81.0	8.9	0.0	0.0	0.0	52.5	0.2	10.9	0.0	0.0	0.0	0.0	0.0	26.3
182	491473.06	177445.40	26.16	0	D	500	81.0	6.7	0.0	0.0	0.0	52.9	0.2	11.0	0.0	0.0	0.0	0.0	0.0	23.6
296	491461.91	177427.83	26.29	0	D	500	81.0	8.9	0.0	0.0	0.0	54.2	0.3	11.3	0.0	0.0	0.0	0.0	0.0	24.1
307	491459.50	177424.47	26.32	0	D	500	81.0	-3.8	0.0	0.0	0.0	54.5	0.3	11.4	0.0	0.0	0.0	0.0	0.0	11.1
322	491467.91	177436.49	26.22	0	D	500	81.0	7.8	0.0	0.0	0.0	53.6	0.3	11.2	0.0	0.0	0.0	0.0	0.0	23.8
379	491470.85	177441.11	26.19	0	D	500	81.0	7.0	0.0	0.0	0.0	53.2	0.2	11.1	0.0	0.0	0.0	0.0	0.0	23.4
385	491457.34	177421.05	26.34	0	D	500	81.0	7.5	0.0	0.0	0.0	54.7	0.3	11.4	0.0	0.0	0.0	0.0	0.0	22.1
448	491481.95	177469.60	26.00	0	D	500	81.0	2.8	0.0	0.0	0.0	50.9	0.2	10.4	0.0	0.0	0.0	0.0	0.0	22.3
498	491455.99	177402.42	26.46	0	D	500	81.0	5.2	0.0	0.0	0.0	55.6	0.3	11.5	0.0	0.0	0.0	0.0	0.0	18.8
520	491456.87	177400.04	26.48	0	D	500	81.0	2.4	0.0	0.0	0.0	55.7	0.3	11.6	0.0	0.0	0.0	0.0	0.0	15.8
524	491453.23	177414.09	26.40	0	D	500	81.0	6.1	0.0	0.0	0.0	55.2	0.3	11.5	0.0	0.0	0.0	0.0	0.0	20.1
572	491439.29	177314.99	27.01	0	D	500	81.0	9.4	0.0	0.0	0.0	59.2	0.5	11.8	0.0	0.0	0.0	0.0	0.0	18.9
581	491455.00	177417.30	26.37	0	D	500	81.0	5.2	0.0	0.0	0.0	55.0	0.3	11.4	0.0	0.0	0.0	0.0	0.0	19.5
671	491464.87	177431.96	26.26	0	D	500	81.0	3.6	0.0	0.0	0.0	53.9	0.3	11.2	0.0	0.0	0.0	0.0	0.0	19.2
725	491445.38	177367.57	26.70	0	D	500	81.0	6.7	0.0	0.0	0.0	57.3	0.4	11.7	0.0	0.0	0.0	0.0	0.0	18.3
729	491482.42	177471.01	26.00	0	D	500	81.0	0.2	0.0	0.0	0.0	50.8	0.2	10.3	0.0	0.0	0.0	0.0	0.0	19.9
734	491453.03	177410.39	26.42	0	D	500	81.0	4.6	0.0	0.0	0.0	55.3	0.3	11.5	0.0	0.0	0.0	0.0	0.0	18.5
750	491455.74	177394.08	26.51	0	D	500	81.0	5.1	0.0	0.0	0.0	56.0	0.3	11.6	0.0	0.0	0.0	0.0	0.0	18.2
818	491445.80	177363.06	26.72	0	D	500	81.0	6.4	0.0	0.0	0.0	57.4	0.4	11.8	0.0	0.0	0.0	0.0	0.0	17.8

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
823	491447.48	177381.27	26.61	0	D	500	81.0	5.7	0.0	0.0	0.0	56.7	0.4	11.7	0.0	0.0	0.0	0.0	17.9	
885	491444.99	177371.74	26.67	0	D	500	81.0	5.6	0.0	0.0	0.0	57.1	0.4	11.7	0.0	0.0	0.0	0.0	17.4	
896	491449.33	177384.15	26.59	0	D	500	81.0	5.0	0.0	0.0	0.0	56.6	0.4	11.7	0.0	0.0	0.0	0.0	17.5	
959	491444.76	177350.76	26.80	0	D	500	81.0	5.8	0.0	0.0	0.0	57.9	0.4	11.8	0.0	0.0	0.0	0.0	16.7	
1063	491481.53	177468.37	26.00	0	D	500	81.0	-1.6	0.0	0.0	0.0	51.1	0.2	10.4	0.0	0.0	0.0	0.0	17.8	
1072	491465.92	177433.43	26.25	0	D	500	81.0	1.2	0.0	0.0	0.0	53.8	0.3	11.2	0.0	0.0	0.0	0.0	16.9	
1108	491438.42	177308.62	27.03	0	D	500	81.0	6.4	0.0	0.0	0.0	59.4	0.5	11.9	0.0	0.0	0.0	0.0	15.7	
1231	491453.82	177408.26	26.43	0	D	500	81.0	2.2	0.0	0.0	0.0	55.4	0.3	11.5	0.0	0.0	0.0	0.0	15.9	
1582	491457.56	177398.18	26.49	0	D	500	81.0	2.4	0.0	0.0	0.0	55.8	0.3	11.6	0.0	0.0	0.0	0.0	15.7	
1621	491457.42	177396.69	26.49	0	D	500	81.0	2.1	0.0	0.0	0.0	55.8	0.3	11.6	0.0	0.0	0.0	0.0	15.4	
1631	491439.61	177327.94	26.95	0	D	500	81.0	5.0	0.0	0.0	0.0	58.8	0.5	11.8	0.0	0.0	0.0	0.0	14.9	
1641	491437.01	177304.86	27.05	0	D	500	81.0	5.6	0.0	0.0	0.0	59.5	0.5	11.9	0.0	0.0	0.0	0.0	14.7	
1660	491434.22	177297.41	27.08	0	D	500	81.0	5.7	0.0	0.0	0.0	59.8	0.5	11.9	0.0	0.0	0.0	0.0	14.6	
1669	491459.10	177423.86	26.32	0	D	500	81.0	0.2	0.0	0.0	0.0	54.5	0.3	11.4	0.0	0.0	0.0	0.0	15.0	
1679	491439.76	177334.23	26.91	0	D	500	81.0	4.1	0.0	0.0	0.0	58.5	0.5	11.8	0.0	0.0	0.0	0.0	14.3	
1687	491439.83	177336.76	26.90	0	D	500	81.0	4.0	0.0	0.0	0.0	58.5	0.5	11.8	0.0	0.0	0.0	0.0	14.2	
1694	491454.33	177406.90	26.44	0	D	500	81.0	1.0	0.0	0.0	0.0	55.5	0.3	11.5	0.0	0.0	0.0	0.0	14.7	
1703	491446.43	177356.35	26.76	0	D	500	81.0	3.0	0.0	0.0	0.0	57.7	0.4	11.8	0.0	0.0	0.0	0.0	14.2	
1712	491444.74	177374.41	26.66	0	D	500	81.0	2.3	0.0	0.0	0.0	57.0	0.4	11.7	0.0	0.0	0.0	0.0	14.2	
1719	491439.70	177331.74	26.93	0	D	500	81.0	3.8	0.0	0.0	0.0	58.6	0.5	11.8	0.0	0.0	0.0	0.0	13.9	
1727	491446.25	177358.29	26.75	0	D	500	81.0	2.7	0.0	0.0	0.0	57.6	0.4	11.8	0.0	0.0	0.0	0.0	14.0	
1745	491439.50	177323.41	26.98	0	D	500	81.0	3.9	0.0	0.0	0.0	58.9	0.5	11.8	0.0	0.0	0.0	0.0	13.7	
1753	491443.09	177346.42	26.83	0	D	500	81.0	3.1	0.0	0.0	0.0	58.1	0.4	11.8	0.0	0.0	0.0	0.0	13.8	
1821	491441.25	177341.62	26.86	0	D	500	81.0	3.1	0.0	0.0	0.0	58.3	0.4	11.8	0.0	0.0	0.0	0.0	13.6	
1830	491450.71	177386.28	26.57	0	D	500	81.0	1.2	0.0	0.0	0.0	56.4	0.4	11.7	0.0	0.0	0.0	0.0	13.8	
1948	491446.08	177360.05	26.74	0	D	500	81.0	2.2	0.0	0.0	0.0	57.5	0.4	11.8	0.0	0.0	0.0	0.0	13.5	
1953	491440.22	177338.95	26.88	0	D	500	81.0	3.0	0.0	0.0	0.0	58.4	0.5	11.8	0.0	0.0	0.0	0.0	13.4	
1960	491451.41	177387.37	26.56	0	D	500	81.0	1.0	0.0	0.0	0.0	56.4	0.4	11.6	0.0	0.0	0.0	0.0	13.7	
1969	491444.59	177375.97	26.65	0	D	500	81.0	1.6	0.0	0.0	0.0	57.0	0.4	11.7	0.0	0.0	0.0	0.0	13.6	
1986	491454.75	177405.75	26.44	0	D	500	81.0	-0.0	0.0	0.0	0.0	55.5	0.3	11.5	0.0	0.0	0.0	0.0	13.6	
1997	491445.47	177378.16	26.63	0	D	500	81.0	1.3	0.0	0.0	0.0	56.9	0.4	11.7	0.0	0.0	0.0	0.0	13.4	
2011	491443.76	177348.17	26.82	0	D	500	81.0	2.4	0.0	0.0	0.0	58.0	0.4	11.8	0.0	0.0	0.0	0.0	13.1	
2019	491441.93	177343.41	26.85	0	D	500	81.0	2.5	0.0	0.0	0.0	58.2	0.4	11.8	0.0	0.0	0.0	0.0	13.1	
2038	491452.32	177388.78	26.55	0	D	500	81.0	0.4	0.0	0.0	0.0	56.3	0.4	11.6	0.0	0.0	0.0	0.0	13.2	
2048	491446.16	177379.23	26.62	0	D	500	81.0	0.7	0.0	0.0	0.0	56.8	0.4	11.7	0.0	0.0	0.0	0.0	12.9	
2056	491435.26	177300.20	27.07	0	D	500	81.0	3.5	0.0	0.0	0.0	59.7	0.5	11.9	0.0	0.0	0.0	0.0	12.5	
2064	491432.25	177291.75	27.10	0	D	500	81.0	3.8	0.0	0.0	0.0	60.0	0.5	11.9	0.0	0.0	0.0	0.0	12.4	
2079	491445.80	177353.45	26.78	0	D	500	81.0	1.6	0.0	0.0	0.0	57.8	0.4	11.8	0.0	0.0	0.0	0.0	12.6	
2088	491430.42	177286.04	27.12	0	D	500	81.0	3.9	0.0	0.0	0.0	60.1	0.6	11.9	0.0	0.0	0.0	0.0	12.4	
2140	491436.02	177302.20	27.06	0	D	500	81.0	3.1	0.0	0.0	0.0	59.6	0.5	11.9	0.0	0.0	0.0	0.0	12.1	
2148	491446.29	177354.74	26.77	0	D	500	81.0	1.2	0.0	0.0	0.0	57.7	0.4	11.8	0.0	0.0	0.0	0.0	12.3	
2157	491444.81	177377.14	26.64	0	D	500	81.0	0.3	0.0	0.0	0.0	56.9	0.4	11.7	0.0	0.0	0.0	0.0	12.3	
2185	491429.11	177281.98	27.13	0	D	500	81.0	3.5	0.0	0.0	0.0	60.3	0.6	11.9	0.0	0.0	0.0	0.0	11.8	
2203	491453.55	177390.68	26.54	0	D	500	81.0	-0.7	0.0	0.0	0.0	56.2	0.4	11.6	0.0	0.0	0.0	0.0	12.2	

Line Source, ISO 9613, Name: "Dozer", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
2210	491442.49	177344.86	26.84	0	D	500	81.0	1.2	0.0	0.0	0.0	58.1	0.4	11.8	0.0	0.0	0.0	0.0	0.0	11.8
2235	491439.42	177320.11	27.00	0	D	500	81.0	2.0	0.0	0.0	0.0	59.0	0.5	11.8	0.0	0.0	0.0	0.0	0.0	11.6
2251	491432.90	177293.77	27.09	0	D	500	81.0	2.7	0.0	0.0	0.0	59.9	0.5	11.9	0.0	0.0	0.0	0.0	0.0	11.4
2262	491427.97	177278.43	27.15	0	D	500	81.0	3.1	0.0	0.0	0.0	60.4	0.6	11.9	0.0	0.0	0.0	0.0	0.0	11.3
2328	491452.83	177389.57	26.55	0	D	500	81.0	-1.2	0.0	0.0	0.0	56.3	0.4	11.6	0.0	0.0	0.0	0.0	0.0	11.6
2424	491429.73	177283.90	27.13	0	D	500	81.0	2.5	0.0	0.0	0.0	60.2	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.9
2475	491452.43	177412.01	26.41	0	D	500	81.0	-2.5	0.0	0.0	0.0	55.3	0.3	11.5	0.0	0.0	0.0	0.0	0.0	11.4
2484	491431.05	177288.00	27.11	0	D	500	81.0	2.2	0.0	0.0	0.0	60.1	0.5	11.9	0.0	0.0	0.0	0.0	0.0	10.7
2502	491439.45	177321.53	26.99	0	D	500	81.0	1.0	0.0	0.0	0.0	59.0	0.5	11.8	0.0	0.0	0.0	0.0	0.0	10.7
2530	491455.18	177404.60	26.45	0	D	500	81.0	-2.8	0.0	0.0	0.0	55.5	0.3	11.5	0.0	0.0	0.0	0.0	0.0	10.8
2538	491454.15	177391.61	26.53	0	D	500	81.0	-2.3	0.0	0.0	0.0	56.1	0.3	11.6	0.0	0.0	0.0	0.0	0.0	10.6
2545	491439.66	177330.03	26.94	0	D	500	81.0	0.2	0.0	0.0	0.0	58.7	0.5	11.8	0.0	0.0	0.0	0.0	0.0	10.2
2553	491439.54	177325.19	26.97	0	D	500	81.0	0.3	0.0	0.0	0.0	58.8	0.5	11.8	0.0	0.0	0.0	0.0	0.0	10.2
2559	491427.42	177276.72	27.15	0	D	500	81.0	1.9	0.0	0.0	0.0	60.4	0.6	11.9	0.0	0.0	0.0	0.0	0.0	10.0
2581	491454.52	177392.18	26.53	0	D	500	81.0	-2.6	0.0	0.0	0.0	56.1	0.3	11.6	0.0	0.0	0.0	0.0	0.0	10.3

Point Source, ISO 9613, Name: "Tipping of Material", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
149	491429.40	177385.09	26.63	0	D	500	107.0	0.0	-7.4	0.0	0.0	57.0	0.4	11.7	0.0	0.0	0.0	0.0	0.0	30.6

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
186	491520.71	177504.96	26.50	0	D	500	72.7	10.8	0.0	0.0	0.0	44.9	0.1	5.3	0.0	0.0	10.3	0.0	0.0	22.8
189	491514.60	177507.56	26.50	0	D	500	72.7	1.4	0.0	0.0	0.0	45.0	0.1	5.4	0.0	0.0	10.1	0.0	0.0	13.5
202	491552.46	177488.49	26.50	0	D	500	72.7	3.8	0.0	0.0	0.0	47.2	0.1	6.2	0.0	0.0	8.1	0.0	0.0	14.8
211	491550.86	177489.27	26.50	0	D	500	72.7	0.7	0.0	0.0	0.0	47.0	0.1	6.1	0.0	0.0	8.2	0.0	0.0	11.9
221	491549.54	177489.91	26.50	0	D	500	72.7	2.4	0.0	0.0	0.0	46.9	0.1	6.1	0.0	0.0	8.3	0.0	0.0	13.7
230	491547.05	177491.13	26.50	0	D	500	72.7	5.8	0.0	0.0	0.0	46.7	0.1	6.0	0.0	0.0	8.5	0.0	0.0	17.2
233	491544.85	177492.21	26.50	0	D	500	72.7	0.5	0.0	0.0	0.0	46.5	0.1	5.9	0.0	0.0	8.6	0.0	0.0	12.0
251	491543.76	177492.74	26.50	0	D	500	72.7	1.1	0.0	0.0	0.0	46.4	0.1	5.9	0.0	0.0	8.7	0.0	0.0	12.7
270	491541.10	177494.04	26.50	0	D	500	72.7	6.6	0.0	0.0	0.0	46.2	0.1	5.8	0.0	0.0	8.9	0.0	0.0	18.3
311	491528.92	177501.01	26.50	0	D	500	72.7	8.0	0.0	0.0	0.0	45.2	0.1	5.4	0.0	0.0	10.0	0.0	0.0	19.9
346	491502.91	177513.50	26.50	0	D	500	72.7	1.8	0.0	0.0	0.0	45.3	0.1	5.5	0.0	0.0	10.1	0.0	0.0	13.5
350	491501.41	177514.29	26.50	0	D	500	72.7	2.7	0.0	0.0	0.0	45.4	0.1	5.5	0.0	0.0	10.0	0.0	0.0	14.3
354	491499.57	177515.25	26.50	0	D	500	72.7	3.6	0.0	0.0	0.0	45.5	0.1	5.6	0.0	0.0	10.0	0.0	0.0	15.0
399	491533.26	177498.43	26.50	0	D	500	72.7	5.7	0.0	0.0	0.0	45.5	0.1	5.6	0.0	0.0	9.6	0.0	0.0	17.6
410	491558.21	177485.73	26.50	0	D	500	72.7	0.6	0.0	0.0	0.0	47.7	0.1	6.4	0.0	0.0	7.7	0.0	0.0	11.4
420	491556.37	177486.61	26.50	0	D	500	72.7	4.7	0.0	0.0	0.0	47.5	0.1	6.3	0.0	0.0	7.8	0.0	0.0	15.5
424	491554.37	177487.56	26.50	0	D	500	72.7	1.8	0.0	0.0	0.0	47.3	0.1	6.2	0.0	0.0	8.0	0.0	0.0	12.8
468	491511.92	177508.79	26.50	0	D	500	72.7	3.2	0.0	0.0	0.0	45.0	0.1	5.4	0.0	0.0	10.1	0.0	0.0	15.4
486	491510.48	177509.54	26.50	0	D	500	72.7	0.5	0.0	0.0	0.0	45.0	0.1	5.4	0.0	0.0	10.1	0.0	0.0	12.6
530	491587.09	177475.85	26.50	0	D	500	72.7	3.5	0.0	0.0	0.0	50.1	0.2	7.2	0.0	0.0	7.4	0.0	0.0	11.4
534	491584.24	177476.40	26.50	0	D	500	72.7	5.5	0.0	0.0	0.0	49.9	0.2	7.1	0.0	0.0	7.2	0.0	0.0	13.8

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
539	491581.56	177476.92	26.50	0	D	500	72.7	2.9	0.0	0.0	0.0	49.7	0.2	7.0	0.0	0.0	7.1	0.0	0.0	11.5
551	491619.37	177483.63	26.36	0	D	500	72.7	10.4	0.0	0.0	0.0	51.5	0.2	7.5	0.0	0.0	9.9	0.0	0.0	14.0
597	491608.64	177477.53	26.43	0	D	500	72.7	6.9	0.0	0.0	0.0	51.1	0.2	7.4	0.0	0.0	9.6	0.0	0.0	11.1
605	491508.11	177510.78	26.50	0	D	500	72.7	3.1	0.0	0.0	0.0	45.1	0.1	5.4	0.0	0.0	10.1	0.0	0.0	15.0
640	491575.12	177478.58	26.50	0	D	500	72.7	4.4	0.0	0.0	0.0	49.2	0.2	6.9	0.0	0.0	6.9	0.0	0.0	13.8
645	491573.11	177479.27	26.50	0	D	500	72.7	1.9	0.0	0.0	0.0	49.0	0.2	6.8	0.0	0.0	6.9	0.0	0.0	11.6
693	491562.01	177483.91	26.50	0	D	500	72.7	0.7	0.0	0.0	0.0	48.1	0.1	6.5	0.0	0.0	7.4	0.0	0.0	11.2
697	491560.89	177484.45	26.50	0	D	500	72.7	1.2	0.0	0.0	0.0	48.0	0.1	6.5	0.0	0.0	7.5	0.0	0.0	11.7
708	491559.72	177485.01	26.50	0	D	500	72.7	1.1	0.0	0.0	0.0	47.8	0.1	6.4	0.0	0.0	7.6	0.0	0.0	11.8
713	491638.87	177479.13	26.30	0	D	500	72.7	10.4	0.0	0.0	0.0	52.8	0.2	7.8	0.0	0.0	2.6	0.0	0.0	19.5
738	491537.58	177495.86	26.50	0	D	500	72.7	3.4	0.0	0.0	0.0	45.9	0.1	5.7	0.0	0.0	9.1	0.0	0.0	15.3
756	491604.64	177476.11	26.46	0	D	500	72.7	5.8	0.0	0.0	0.0	51.0	0.2	7.4	0.0	0.0	8.6	0.0	0.0	11.3
829	491567.74	177481.18	26.50	0	D	500	72.7	0.0	0.0	0.0	0.0	48.6	0.1	6.7	0.0	0.0	7.0	0.0	0.0	10.2
839	491566.81	177481.63	26.50	0	D	500	72.7	0.3	0.0	0.0	0.0	48.5	0.1	6.7	0.0	0.0	7.1	0.0	0.0	10.5
850	491565.65	177482.18	26.50	0	D	500	72.7	1.7	0.0	0.0	0.0	48.4	0.1	6.6	0.0	0.0	7.2	0.0	0.0	12.0
899	491649.33	177473.49	26.27	0	D	500	72.7	10.0	0.0	0.0	0.0	53.6	0.3	8.0	0.0	0.0	0.6	0.0	0.0	20.2
963	491629.08	177485.22	26.31	0	D	500	72.7	3.6	0.0	0.0	0.0	52.0	0.2	7.6	0.0	0.0	6.4	0.0	0.0	10.0
967	491626.08	177485.88	26.32	0	D	500	72.7	5.8	0.0	0.0	0.0	51.8	0.2	7.6	0.0	0.0	8.2	0.0	0.0	10.7
973	491564.06	177482.94	26.50	0	D	500	72.7	3.1	0.0	0.0	0.0	48.3	0.1	6.6	0.0	0.0	7.3	0.0	0.0	13.5
1011	491658.05	177468.90	26.23	0	D	500	72.7	9.8	0.0	0.0	0.0	54.2	0.3	8.0	0.0	0.0	0.0	0.0	0.0	19.9
1023	491593.29	177475.63	26.50	0	D	500	72.7	4.3	0.0	0.0	0.0	50.4	0.2	7.3	0.0	0.0	8.9	0.0	0.0	10.2
1054	491513.41	177508.07	26.50	0	D	500	72.7	0.8	0.0	0.0	0.0	45.0	0.1	5.4	0.0	0.0	10.1	0.0	0.0	13.0
1079	491504.62	177512.61	26.50	0	D	500	72.7	0.9	0.0	0.0	0.0	45.2	0.1	5.5	0.0	0.0	10.1	0.0	0.0	12.7
1084	491535.79	177496.92	26.50	0	D	500	72.7	1.1	0.0	0.0	0.0	45.7	0.1	5.6	0.0	0.0	9.3	0.0	0.0	13.0
1091	491569.46	177480.53	26.50	0	D	500	72.7	3.9	0.0	0.0	0.0	48.7	0.1	6.7	0.0	0.0	7.0	0.0	0.0	14.0
1114	491509.49	177510.06	26.50	0	D	500	72.7	0.4	0.0	0.0	0.0	45.1	0.1	5.4	0.0	0.0	10.1	0.0	0.0	12.4
1220	491506.55	177511.60	26.50	0	D	500	72.7	0.4	0.0	0.0	0.0	45.2	0.1	5.4	0.0	0.0	10.1	0.0	0.0	12.3
1561	491578.84	177477.44	26.50	0	D	500	72.7	1.2	0.0	0.0	0.0	49.5	0.2	7.0	0.0	0.0	7.0	0.0	0.0	10.2
1591	491632.20	177483.47	26.31	0	D	500	72.7	7.0	0.0	0.0	0.0	52.3	0.2	7.7	0.0	0.0	4.8	0.0	0.0	14.6
1600	491505.62	177512.09	26.50	0	D	500	72.7	0.1	0.0	0.0	0.0	45.2	0.1	5.4	0.0	0.0	10.1	0.0	0.0	11.9
1736	491675.01	177459.37	26.21	0	D	500	72.7	8.6	0.0	0.0	0.0	55.3	0.3	8.2	0.0	0.0	0.0	0.0	0.0	17.5
1770	491809.76	177479.56	26.00	0	D	500	72.7	7.3	0.0	0.0	0.0	60.0	0.5	8.4	0.0	0.0	0.0	0.0	0.0	11.0
1780	491817.96	177473.21	26.00	0	D	500	72.7	11.9	0.0	0.0	0.0	60.2	0.6	8.4	0.0	0.0	0.0	0.0	0.0	15.3
1788	491794.90	177491.11	26.00	0	D	500	72.7	5.9	0.0	0.0	0.0	59.4	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.3
1794	491798.88	177488.02	26.00	0	D	500	72.7	7.9	0.0	0.0	0.0	59.6	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.1
1804	491804.32	177483.79	26.00	0	D	500	72.7	8.8	0.0	0.0	0.0	59.8	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.8
2029	491577.14	177477.88	26.50	0	D	500	72.7	1.9	0.0	0.0	0.0	49.4	0.2	6.9	0.0	0.0	6.9	0.0	0.0	11.1
2301	491787.64	177517.70	26.00	0	D	500	72.7	5.8	0.0	0.0	0.0	59.0	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.6
2340	491793.47	177528.09	26.00	0	D	500	72.7	7.4	0.0	0.0	0.0	59.2	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.0
2349	491791.05	177524.22	26.00	0	D	500	72.7	5.6	0.0	0.0	0.0	59.1	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.2
2367	491688.75	177452.08	26.27	0	D	500	72.7	6.8	0.0	0.0	0.0	56.1	0.3	8.3	0.0	0.0	0.0	0.0	0.0	14.8
2689	491710.42	177440.47	26.42	0	D	500	72.7	6.1	0.0	0.0	0.0	57.2	0.4	8.3	0.0	0.0	0.0	0.0	0.0	12.8
2707	491802.97	177397.70	26.00	0	D	500	72.7	9.5	0.0	0.0	0.0	60.7	0.6	8.4	0.0	0.0	0.0	0.0	0.0	12.4
2762	491663.61	177465.71	26.21	0	D	500	72.7	3.2	0.0	0.0	0.0	54.6	0.3	8.1	0.0	0.0	0.0	0.0	0.0	12.9

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
2802	491792.89	177402.83	26.00	0	D	500	72.7	8.6	0.0	0.0	0.0	60.4	0.6	8.4	0.0	0.0	0.0	0.0	0.0	11.9
2831	491644.16	177475.99	26.29	0	D	500	72.7	1.4	0.0	0.0	0.0	53.3	0.2	7.9	0.0	0.0	1.4	0.0	0.0	11.3
2849	491811.23	177394.53	26.00	0	D	500	72.7	9.0	0.0	0.0	0.0	61.0	0.6	8.4	0.0	0.0	0.0	0.0	0.0	11.7
2929	491715.44	177437.74	26.43	0	D	500	72.7	5.2	0.0	0.0	0.0	57.4	0.4	8.3	0.0	0.0	0.0	0.0	0.0	11.6
2940	491796.26	177532.49	26.00	0	D	500	72.7	6.9	0.0	0.0	0.0	59.2	0.5	8.4	0.0	0.0	0.0	0.0	0.0	11.4
2980	491785.60	177407.18	26.00	0	D	500	72.7	7.5	0.0	0.0	0.0	60.1	0.6	8.4	0.0	0.0	0.0	0.0	0.0	11.1
2993	491705.89	177442.94	26.38	0	D	500	72.7	4.3	0.0	0.0	0.0	57.0	0.4	8.3	0.0	0.0	0.0	0.0	0.0	11.3
3003	491822.46	177390.20	26.00	0	D	500	72.7	8.5	0.0	0.0	0.0	61.3	0.6	8.4	0.0	0.0	0.0	0.0	0.0	10.9
3058	491859.62	177394.58	26.00	0	D	500	72.7	9.1	0.0	0.0	0.0	62.1	0.7	8.4	0.0	0.0	0.0	0.0	0.0	10.6
3091	491867.74	177428.31	26.00	0	D	500	72.7	8.7	0.0	0.0	0.0	61.9	0.7	8.4	0.0	0.0	0.0	0.0	0.0	10.3
3100	491668.91	177462.66	26.23	0	D	500	72.7	1.7	0.0	0.0	0.0	54.9	0.3	8.1	0.0	0.0	0.0	0.0	0.0	10.9
3115	491769.58	177414.88	26.06	0	D	500	72.7	6.2	0.0	0.0	0.0	59.6	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.4
3156	491773.49	177413.36	26.03	0	D	500	72.7	6.3	0.0	0.0	0.0	59.7	0.5	8.4	0.0	0.0	0.0	0.0	0.0	10.3

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
395	491482.96	177511.60	26.50	0	D	500	72.7	8.2	0.0	0.0	0.0	47.7	0.1	6.4	0.0	0.0	5.6	0.0	0.0	21.0
601	491477.21	177505.44	26.50	0	D	500	72.7	6.8	0.0	0.0	0.0	48.7	0.1	6.7	0.0	0.0	4.1	0.0	0.0	19.8
613	491486.32	177515.20	26.50	0	D	500	72.7	5.2	0.0	0.0	0.0	47.1	0.1	6.1	0.0	0.0	6.9	0.0	0.0	17.6
866	491474.69	177501.78	26.50	0	D	500	72.7	6.1	0.0	0.0	0.0	49.2	0.2	6.9	0.0	0.0	3.5	0.0	0.0	19.1
869	491461.50	177475.19	26.51	0	D	500	72.7	5.4	0.0	0.0	0.0	51.7	0.2	7.6	0.0	0.0	1.1	0.0	0.0	17.5
872	491460.43	177472.81	26.53	0	D	500	72.7	2.4	0.0	0.0	0.0	51.9	0.2	7.6	0.0	0.0	0.9	0.0	0.0	14.4
875	491459.64	177471.06	26.54	0	D	500	72.7	3.2	0.0	0.0	0.0	52.0	0.2	7.6	0.0	0.0	0.8	0.0	0.0	15.1
954	491479.57	177508.39	26.50	0	D	500	72.7	4.5	0.0	0.0	0.0	48.3	0.1	6.6	0.0	0.0	4.7	0.0	0.0	17.4
1123	491459.04	177468.56	26.55	0	D	500	72.7	4.9	0.0	0.0	0.0	52.2	0.2	7.7	0.0	0.0	0.7	0.0	0.0	16.8
1203	491458.73	177465.86	26.57	0	D	500	72.7	3.7	0.0	0.0	0.0	52.4	0.2	7.7	0.0	0.0	0.6	0.0	0.0	15.4
1610	491466.70	177487.09	26.50	0	D	500	72.7	5.2	0.0	0.0	0.0	50.7	0.2	7.3	0.0	0.0	1.9	0.0	0.0	17.8
1651	491471.99	177497.66	26.50	0	D	500	72.7	4.0	0.0	0.0	0.0	49.6	0.2	7.0	0.0	0.0	2.9	0.0	0.0	16.8
1761	491470.80	177495.29	26.50	0	D	500	72.7	3.1	0.0	0.0	0.0	49.9	0.2	7.1	0.0	0.0	2.7	0.0	0.0	15.9
1921	491455.31	177449.28	26.68	0	D	500	72.7	4.6	0.0	0.0	0.0	53.4	0.3	7.9	0.0	0.0	0.0	0.0	0.0	15.7
1934	491454.82	177447.12	26.70	0	D	500	72.7	1.9	0.0	0.0	0.0	53.5	0.3	7.9	0.0	0.0	0.0	0.0	0.0	12.9
1978	491468.33	177490.36	26.50	0	D	500	72.7	3.2	0.0	0.0	0.0	50.4	0.2	7.2	0.0	0.0	2.2	0.0	0.0	15.8
2004	491430.97	177370.61	27.21	0	D	500	72.7	10.1	0.0	0.0	0.0	57.5	0.4	8.3	0.0	0.0	0.0	0.0	0.0	16.5
2070	491464.49	177482.47	26.50	0	D	500	72.7	3.2	0.0	0.0	0.0	51.1	0.2	7.4	0.0	0.0	1.6	0.0	0.0	15.6
2104	491469.17	177492.03	26.50	0	D	500	72.7	2.2	0.0	0.0	0.0	50.2	0.2	7.2	0.0	0.0	2.4	0.0	0.0	14.9
2114	491450.05	177429.79	26.81	0	D	500	72.7	3.8	0.0	0.0	0.0	54.5	0.3	8.1	0.0	0.0	0.0	0.0	0.0	13.5
2124	491449.42	177427.67	26.83	0	D	500	72.7	3.1	0.0	0.0	0.0	54.7	0.3	8.1	0.0	0.0	0.0	0.0	0.0	12.7
2133	491434.54	177378.80	27.15	0	D	500	72.7	8.9	0.0	0.0	0.0	57.1	0.4	8.3	0.0	0.0	0.0	0.0	0.0	15.7
2167	491451.46	177434.60	26.78	0	D	500	72.7	2.4	0.0	0.0	0.0	54.3	0.3	8.1	0.0	0.0	0.0	0.0	0.0	12.5
2175	491450.91	177432.74	26.79	0	D	500	72.7	3.2	0.0	0.0	0.0	54.4	0.3	8.1	0.0	0.0	0.0	0.0	0.0	13.2
2194	491458.15	177461.93	26.60	0	D	500	72.7	4.0	0.0	0.0	0.0	52.6	0.2	7.8	0.0	0.0	0.4	0.0	0.0	15.7
2227	491425.97	177357.96	27.30	0	D	500	72.7	8.5	0.0	0.0	0.0	58.0	0.4	8.4	0.0	0.0	0.0	0.0	0.0	14.4
2244	491462.55	177477.64	26.50	0	D	500	72.7	2.7	0.0	0.0	0.0	51.5	0.2	7.5	0.0	0.0	1.3	0.0	0.0	14.9

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
2273	491453.60	177442.48	26.73	0	D	500	72.7	4.8	0.0	0.0	0.0	53.8	0.3	8.0	0.0	0.0	0.0	0.0	0.0	15.4
2281	491422.53	177330.18	27.47	0	D	500	72.7	9.8	0.0	0.0	0.0	58.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	14.7
2374	491469.82	177493.32	26.50	0	D	500	72.7	0.8	0.0	0.0	0.0	50.1	0.2	7.2	0.0	0.0	2.5	0.0	0.0	13.6
2391	491438.77	177390.41	27.07	0	D	500	72.7	5.7	0.0	0.0	0.0	56.5	0.4	8.3	0.0	0.0	0.0	0.0	0.0	13.1
2409	491437.47	177386.52	27.10	0	D	500	72.7	3.4	0.0	0.0	0.0	56.7	0.4	8.3	0.0	0.0	0.0	0.0	0.0	10.7
2417	491436.60	177383.91	27.12	0	D	500	72.7	5.2	0.0	0.0	0.0	56.8	0.4	8.3	0.0	0.0	0.0	0.0	0.0	12.3
2432	491455.89	177451.87	26.66	0	D	500	72.7	3.9	0.0	0.0	0.0	53.2	0.2	7.9	0.0	0.0	0.0	0.0	0.0	15.1
2457	491472.84	177499.18	26.50	0	D	500	72.7	0.0	0.0	0.0	0.0	49.5	0.2	7.0	0.0	0.0	3.1	0.0	0.0	12.9
2466	491463.82	177480.81	26.50	0	D	500	72.7	1.7	0.0	0.0	0.0	51.2	0.2	7.5	0.0	0.0	1.5	0.0	0.0	14.0
2492	491465.66	177485.00	26.50	0	D	500	72.7	1.2	0.0	0.0	0.0	50.9	0.2	7.4	0.0	0.0	1.8	0.0	0.0	13.7
2511	491412.49	177302.52	27.58	0	D	500	72.7	10.1	0.0	0.0	0.0	59.9	0.5	8.4	0.0	0.0	0.0	0.0	0.0	13.9
2521	491457.67	177459.77	26.61	0	D	500	72.7	2.8	0.0	0.0	0.0	52.7	0.2	7.8	0.0	0.0	0.3	0.0	0.0	14.3
2567	491463.15	177479.12	26.50	0	D	500	72.7	0.8	0.0	0.0	0.0	51.4	0.2	7.5	0.0	0.0	1.4	0.0	0.0	13.0
2591	491446.37	177418.11	26.89	0	D	500	72.7	4.5	0.0	0.0	0.0	55.2	0.3	8.2	0.0	0.0	0.0	0.0	0.0	13.5
2599	491465.12	177483.92	26.50	0	D	500	72.7	0.3	0.0	0.0	0.0	51.0	0.2	7.4	0.0	0.0	1.7	0.0	0.0	12.7
2608	491456.35	177453.92	26.65	0	D	500	72.7	2.4	0.0	0.0	0.0	53.1	0.2	7.9	0.0	0.0	0.0	0.0	0.0	13.8
2614	491452.00	177436.51	26.77	0	D	500	72.7	3.5	0.0	0.0	0.0	54.2	0.3	8.0	0.0	0.0	0.0	0.0	0.0	13.7
2633	491443.45	177410.22	26.95	0	D	500	72.7	4.9	0.0	0.0	0.0	55.6	0.3	8.2	0.0	0.0	0.0	0.0	0.0	13.4
2641	491467.66	177489.00	26.50	0	D	500	72.7	-0.2	0.0	0.0	0.0	50.5	0.2	7.3	0.0	0.0	2.1	0.0	0.0	12.4
2653	491458.51	177463.90	26.58	0	D	500	72.7	1.7	0.0	0.0	0.0	52.5	0.2	7.7	0.0	0.0	0.5	0.0	0.0	13.4
2662	491418.75	177322.83	27.51	0	D	500	72.7	8.4	0.0	0.0	0.0	59.2	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.9
2679	491457.19	177457.65	26.62	0	D	500	72.7	2.0	0.0	0.0	0.0	52.9	0.2	7.8	0.0	0.0	0.2	0.0	0.0	13.5
2782	491414.42	177311.76	27.55	0	D	500	72.7	8.1	0.0	0.0	0.0	59.6	0.5	8.4	0.0	0.0	0.0	0.0	0.0	12.2
2789	491447.81	177422.19	26.86	0	D	500	72.7	3.4	0.0	0.0	0.0	55.0	0.3	8.1	0.0	0.0	0.0	0.0	0.0	12.6
2807	491441.93	177405.37	26.98	0	D	500	72.7	3.4	0.0	0.0	0.0	55.9	0.3	8.2	0.0	0.0	0.0	0.0	0.0	11.6
2839	491445.43	177415.55	26.91	0	D	500	72.7	3.5	0.0	0.0	0.0	55.3	0.3	8.2	0.0	0.0	0.0	0.0	0.0	12.3
2868	491428.29	177364.22	27.26	0	D	500	72.7	5.7	0.0	0.0	0.0	57.7	0.4	8.4	0.0	0.0	0.0	0.0	0.0	11.9
2895	491444.67	177413.51	26.92	0	D	500	72.7	3.3	0.0	0.0	0.0	55.4	0.3	8.2	0.0	0.0	0.0	0.0	0.0	12.0
2904	491410.14	177291.84	27.62	0	D	500	72.7	8.0	0.0	0.0	0.0	60.2	0.6	8.4	0.0	0.0	0.0	0.0	0.0	11.4
2912	491448.66	177425.07	26.84	0	D	500	72.7	2.6	0.0	0.0	0.0	54.8	0.3	8.1	0.0	0.0	0.0	0.0	0.0	12.0
2920	491400.45	177273.83	27.69	0	D	500	72.7	8.6	0.0	0.0	0.0	60.8	0.6	8.4	0.0	0.0	0.0	0.0	0.0	11.4
2949	491454.17	177444.60	26.71	0	D	500	72.7	1.3	0.0	0.0	0.0	53.7	0.3	8.0	0.0	0.0	0.0	0.0	0.0	12.1
2970	491470.21	177494.12	26.50	0	D	500	72.7	-2.4	0.0	0.0	0.0	50.0	0.2	7.1	0.0	0.0	2.6	0.0	0.0	10.3
2984	491440.28	177394.95	27.04	0	D	500	72.7	3.7	0.0	0.0	0.0	56.3	0.4	8.3	0.0	0.0	0.0	0.0	0.0	11.4
3010	491424.74	177339.84	27.41	0	D	500	72.7	5.9	0.0	0.0	0.0	58.6	0.5	8.4	0.0	0.0	0.0	0.0	0.0	11.0
3025	491441.42	177400.42	27.01	0	D	500	72.7	3.3	0.0	0.0	0.0	56.1	0.3	8.3	0.0	0.0	0.0	0.0	0.0	11.2
3032	491452.46	177438.23	26.76	0	D	500	72.7	1.2	0.0	0.0	0.0	54.1	0.3	8.0	0.0	0.0	0.0	0.0	0.0	11.5
3048	491447.22	177420.38	26.88	0	D	500	72.7	2.1	0.0	0.0	0.0	55.1	0.3	8.2	0.0	0.0	0.0	0.0	0.0	11.3
3066	491454.50	177445.81	26.70	0	D	500	72.7	0.6	0.0	0.0	0.0	53.6	0.3	7.9	0.0	0.0	0.0	0.0	0.0	11.4
3074	491453.05	177440.43	26.74	0	D	500	72.7	0.7	0.0	0.0	0.0	53.9	0.3	8.0	0.0	0.0	0.0	0.0	0.0	11.2
3107	491456.91	177456.44	26.63	0	D	500	72.7	-0.4	0.0	0.0	0.0	53.0	0.2	7.8	0.0	0.0	0.1	0.0	0.0	11.1
3123	491441.68	177402.93	26.99	0	D	500	72.7	2.6	0.0	0.0	0.0	56.0	0.3	8.2	0.0	0.0	0.0	0.0	0.0	10.7
3147	491441.22	177398.42	27.02	0	D	500	72.7	2.8	0.0	0.0	0.0	56.2	0.3	8.3	0.0	0.0	0.0	0.0	0.0	10.7
3165	491442.34	177407.25	26.97	0	D	500	72.7	2.3	0.0	0.0	0.0	55.8	0.3	8.2	0.0	0.0	0.0	0.0	0.0	10.6

Line Source, ISO 9613, Name: "HGV", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
3255	491456.73	177455.59	26.64	0	D	500	72.7	-1.0	0.0	0.0	0.0	53.0	0.2	7.8	0.0	0.0	0.1	0.0	0.0	10.5

Point Source, ISO 9613, Name: "Wheel Wash", ID: ""																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	dB(A)						
460	491790.82	177530.05	25.50	0	D	500	95.0	0.0	-3.0	0.0	0.0	59.1	0.5	11.8	0.0	0.0	0.0	0.0	0.0	20.6