Appendix 5D-2

Noise Emission Inventory

Table 5D-2-1 Noise Source Data (Mary River)

0940977 Baffinland, Mary River EA

Notes to Table:

1. Noise Control Measures
   - S = Silencer
   - A = Acoustic lining, plenum
   - B = Barrier
   - L = Lagging
   - E = Acoustic Enclosure

2. Sound Power Level Data Source
   - Man = Manufacturer's Data
   - Mea = Measured Directly
   - Pre = Pre-tender Package
   - EC = Engineering Calc based on specifications
   - Same ### = same type as source no. ###

Source ID [1]	Source Description	Sound Power Level (dBA)	Existing Noise Control Measures [1] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [2]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
				A-Weighting Network													
				-39	-26	-16	-9	-3	0	1	1	-1					
MR_HR_Mine01	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563559.9	7913445.2	318.1
MR_HR_Mine02	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563625.8	7913376.9	298.7
MR_HR_Mine03	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563708.0	7913381.1	291.2
MR_HR_Mine04	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563714.3	7913480.4	322.5
MR_HR_Mine05	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563735.9	7913577.9	339.2
MR_HR_Mine06	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563793.9	7913658.7	352.6
MR_HR_Mine07	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563851.1	7913739.8	373.9
MR_HR_Mine08	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563892.1	7913825.7	394.5
MR_HR_Mine09	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563913.2	7913921.4	417.1
MR_HR_Mine10	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563983.6	7913986.5	429.5
MR_HR_Mine11	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	564041.6	7914064.9	448.4
MR_HR_Mine12	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	564071.8	7914159.4	464.9
MR_HR_Mine13	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	564074.0	7914258.9	491.3
MR_HR_Mine14	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	564068.4	7914357.0	511.0
MR_HR_Mine15	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563994.8	7914420.5	535.4
MR_HR_Mine16	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563900.4	7914445.9	534.5
MR_HR_Mine17	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563804.0	7914467.2	539.5
MR_HR_Mine18	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563708.2	7914493.6	548.1
MR_HR_Mine19	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563610.1	7914505.8	558.0
MR_HR_Mine20	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563531.4	7914445.9	555.5
MR_HR_Mine22	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563334.7	7914411.9	575.1
MR_HR_Mine23	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563241.7	7914384.3	590.9
MR_HR_Mine24	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563174.4	7914312.9	597.5
MR_HR_Mine25	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563218.7	7914226.8	574.1
MR_HR_Mine26	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563247.9	7914132.2	550.7
MR_HR_Mine27	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563279.5	7914037.6	523.5
MR_HR_Mine28	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563297.4	7913939.7	505.1
MR_HR_Mine29	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563281.3	7913883.2	511.8
MR_HR_Mine30	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563231.1	7913967.6	540.5
MR_HR_Mine31	Mary River Haul Route - Mine to Primary Crusher	112	U	103.1	104.1	107.1	104.1	108.1	108.1	105.1	99.1	94.1	Mea	2.5	563160.9	7914038.6	573.7
MR_Stacker01	Mary River - Lump Mobile Stacker 1 (2400-SK-004)	103	U	113.1	111.8	106.9	100.4	99.3	100.2	94.7	87.5	82.3	Mea	3.0	562421.4	7912445.7	211.0
MR_Stacker02	Mary River - Fines Mobile Stacker (2400-SK-002)	103	U	113.1	111.8	106.9	100.4	99.3	100.2	94.7	87.5	82.3	Mea	3.0	562227.6	7912615.5	203.9
MR_Stacker03	Mary River - Lump Mobile Stacker 2 (2400-SK-005)	103	U	113.1	111.8	106.9	100.4	99.3	100.2	94.7	87.5	82.3	Mea	3.0	562232.3	7912510.8	209.0
MR_Incinerator	Mary River - Incinerator	91	U		88.0	86.0	82.0	92.0	84.0	81.0	77.0	72.0	Man	5.8	560712.5	7913456.7	192.6
MR_Reclaimer01	Mary River - Reclaimer 1	111	U	104.0	106.9	117.4	109.4	110.2	103.6	101.2	95.5	89.7	EC	3.0	562289.2	7912563.7	204.6
MR_Reclaimer02	Mary River - Reclaimer 2	111	U	104.0	106.9	117.4	109.4	110.2	103.6	101.2	95.5	89.7	EC	3.0	562259.5	7912489.2	210.7
MR_Grader01	Mary River - Grader 1	115	U	113.8	115.8	113.5	109.9	109.6	110.4	108.4	104.5	101.9	Mea	3.0	563116.1	7913974.7	607.0
MR_Grader02	Mary River - Grader 2	115	U	113.8	115.8	113.5	109.9	109.6	110.4	108.4	104.5	101.9	Mea	3.0	563336.2	7913082.3	278.2

Source ID [1]	Source Description	Sound Power Level (dBA)	Existing Noise Control Measures [1] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [2]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
MR_Dozer01	Mary River - Dozer 1	116	U	113.8	117.9	115.0	107.2	110.1	112.6	109.6	105.6	99.9	Mea	3.0	563213.6	7913916.1	555.6
MR_Dozer02	Mary River - Dozer 2	116	U	113.8	117.9	115.0	107.2	110.1	112.6	109.6	105.6	99.9	Mea	3.0	563100.2	7913996.3	610.0
MR_Dozer03	Mary River - Dozer 3	116	U	113.8	117.9	115.0	107.2	110.1	112.6	109.6	105.6	99.9	Mea	3.0	563464.6	7913474.9	329.4
MR_Backhoe01	Mary River - Backhoe 1	110	U	103.9	106.8	117.4	109.3	110.0	102.5	99.6	93.6	88.6	Mea	3.0	562351.4	7912616.2	206.4
MR_Shovel01	Mary River - Shovel 1	120	U		119.8	119.8	116.8	117.6	115.2	112.3	108.2	107.4	Man	3.0	563064.9	7914079.0	612.3
MR_Shovel02	Mary River - Shovel 2	120	U		119.8	119.8	116.8	117.6	115.2	112.3	108.2	107.4	Man	3.0	563122.1	7914125.9	594.7
MR_Shovel03	Mary River - Shovel 3	120	U		119.8	119.8	116.8	117.6	115.2	112.3	108.2	107.4	Man	3.0	563109.2	7914061.0	596.9
MR_Loader01	Mary River - Loader 1	112	U	109.3	106.2	116.3	112.7	107.9	107.1	102.7	96.4	94.2	Mea	3.0	558976.5	7914363.2	179.0
MR_Drill01	Mary River - Drill 1	123	U	114.7	119.9	122.5	121.9	119.4	115.8	115.9	112.3	107.9	Mea	3.0	562917.5	7914275.7	645.7
MR_Drill02	Mary River - Drill 2	123	U	114.7	119.9	122.5	121.9	119.4	115.8	115.9	112.3	107.9	Mea	3.0	562792.5	7914306.3	613.7
MR_Drill03	Mary River - Drill 3	123	U	114.7	119.9	122.5	121.9	119.4	115.8	115.9	112.3	107.9	Mea	3.0	562526.8	7914753.6	549.4
MR_Drill04	Mary River - Drill 4	123	U	114.7	119.9	122.5	121.9	119.4	115.8	115.9	112.3	107.9	Mea	3.0	563650.5	7914663.8	582.5
MR_Drill05	Mary River - Drill 5	123	U	114.7	119.9	122.5	121.9	119.4	115.8	115.9	112.3	107.9	Mea	3.0	563363.9	7914378.6	564.0
MR_PH_Gen_exh1	Mary River Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0	Man	15.2	561124.8	7913442.0	205.0
MR_PH_Gen_exh3	Mary River Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0	Man	15.2	561151.7	7913436.8	205.1
MR_PH_Gen_exh5	Mary River Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0	Man	15.2	561153.8	7913433.9	205.2
MR_PH_chlr1	Mary River Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0	Man/EC	3.4	561118.1	7913423.6	193.4
MR_PH_chlr3	Mary River Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0	Man/EC	3.4	561143.1	7913418.9	193.4
MR_PH_chlr5	Mary River Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0	Man/EC	3.4	561159.0	7913415.6	193.4
MR_PH_intake1	Mary River Powerhouse - Intake Air Unit	110	U	97.8	108.8	107.8	107.8	106.5	105.5	102.5	101.0	98.0	EC	5.1	561133.2	7913479.8	193.7
MR_PH_intake2	Mary River Powerhouse - Intake Air Unit	110	U	97.8	108.8	107.8	107.8	106.5	105.5	102.5	101.0	98.0	EC	5.1	561139.2	7913478.6	193.7
MR_PH_intake3	Mary River Powerhouse - Intake Air Unit	110	U	97.8	108.8	107.8	107.8	106.5	105.5	102.5	101.0	98.0	EC	5.1	561156.8	7913475.2	193.8
MR_PH_intake4	Mary River Powerhouse - Intake Air Unit	110	U	97.8	108.8	107.8	107.8	106.5	105.5	102.5	101.0	98.0	EC	5.1	561162.8	7913474.1	193.8
MR_PH_intake5	Mary River Powerhouse - Intake Air Unit	110	U	97.8	108.8	107.8	107.8	106.5	105.5	102.5	101.0	98.0	EC	5.1	561168.6	7913472.9	193.9
MR_PH_Lou1	Mary River Powerhouse - Roof Louvres	120	U	107.5	118.5	117.5	117.5	116.3	115.3	112.3	110.9	107.8	EC	10.5	561130.5	7913462.6	199.4
MR_PH_Lou2	Mary River Powerhouse - Roof Louvres	120	U	107.5	118.5	117.5	117.5	116.3	115.3	112.3	110.9	107.8	EC	10.5	561136.4	7913461.4	199.4
MR_PH_Lou3	Mary River Powerhouse - Roof Louvres	120	U	107.5	118.5	117.5	117.5	116.3	115.3	112.3	110.9	107.8	EC	10.5	561154.1	7913458.2	199.4
MR_PH_Lou4	Mary River Powerhouse - Roof Louvres	120	U	107.5	118.5	117.5	117.5	116.3	115.3	112.3	110.9	107.8	EC	10.5	561160.0	7913457.2	199.4
MR_PH_Lou5	Mary River Powerhouse - Roof Louvres	120	U	107.5	118.5	117.5	117.5	116.3	115.3	112.3	110.9	107.8	EC	10.5	561165.9	7913455.9	199.4
MR_Train_Th001	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560977.6	7913512.8	188.7
MR_Train_Th002	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560958.1	7913471.2	189.0
MR_Train_Th003	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560939.5	7913429.2	183.0
MR_Train_Th004	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560929.6	7913384.4	184.3
MR_Train_Th005	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560928.8	7913338.4	184.6
MR_Train_Th006	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560934.4	7913293.4	184.9
MR_Train_Th007	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560949.2	7913249.9	185.0
MR_Train_Th008	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560964.1	7913206.3	185.0
MR_Train_Th009	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	560993.9	7913171.8	185.0
MR_Train_Th010	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561025.6	7913138.5	185.0
MR_Train_Th011	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561060.1	7913108.3	185.6
MR_Train_Th012	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561096.9	7913080.7	186.6
MR_Train_Th013	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561133.7	7913053.1	187.3
MR_Train_Th014	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561170.5	7913025.5	188.3
MR_Train_Th015	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561203.0	7912993.2	189.2
MR_Train_Th016	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561233.7	7912959.0	190.3
MR_Train_Th017	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561264.5	7912924.8	190.5
MR_Train_Th018	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561294.1	7912889.6	189.2
MR_Train_Th019	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561323.5	7912854.2	189.0
MR_Train_Th020	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561352.9	7912818.8	189.8
MR_Train_Th021	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561382.3	7912783.5	190.9
MR_Train_Th022	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561411.9	7912748.3	191.0
MR_Train_Th023	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561441.8	7912713.3	191.0
MR_Train_Th024	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561471.7	7912678.4	191.0
MR_Train_Th025	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561504.5	7912646.2	191.0
MR_Train_Th026	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561541.4	7912618.8	191.0
MR_Train_Th027	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561581.2	7912595.9	191.8
MR_Train_Th028	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561622.3	7912575.4	193.0
MR_Train_Th029	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561664.2	7912556.5	193.0

Source ID [1]	Source Description	Sound Power Level (dBA)	Existing Noise Control Measures [1] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [2]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
MR_Train_Th030	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561706.2	7912537.5	193.0
MR_Train_Th031	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561748.1	7912518.6	194.2
MR_Train_Th032	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561790.0	7912499.6	194.1
MR_Train_Th033	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561831.9	7912480.6	194.5
MR_Train_Th034	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561872.2	7912458.6	195.0
MR_Train_Th035	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561911.8	7912435.2	195.9
MR_Train_Th036	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561949.9	7912409.4	194.7
MR_Train_Th037	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	561988.0	7912383.6	194.1
MR_Train_Th038	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562025.9	7912357.6	193.0
MR_Train_Th039	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562063.5	7912331.1	193.8
MR_Train_Th040	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562101.2	7912304.7	195.9
MR_Train_Th041	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562138.8	7912278.2	198.2
MR_Train_Th042	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562176.4	7912251.7	199.0
MR_Train_Th043	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562214.0	7912225.3	197.1
MR_Train_Th044	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562251.7	7912198.8	196.4
MR_Train_Th045	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562289.3	7912172.3	196.0
MR_Train_Th046	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562326.9	7912145.9	195.0
MR_Train_Th047	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562364.5	7912119.4	195.0
MR_Train_Th048	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562402.4	7912093.3	194.1
MR_Train_Th049	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562441.6	7912069.3	193.0
MR_Train_Th050	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562481.8	7912047.0	193.0
MR_Train_Th051	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562521.5	7912023.7	195.0
MR_Train_Th052	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562561.7	7912001.6	193.2
MR_Train_Th053	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562604.2	7911984.1	187.7
MR_Train_Th054	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562648.3	7911970.9	187.7
MR_Train_Th055	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562692.3	7911957.7	188.3
MR_Train_Th056	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562736.5	7911944.7	187.3
MR_Train_Th057	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562780.7	7911932.1	188.5
MR_Train_Th058	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562823.9	7911916.5	192.9
MR_Train_Th059	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562867.8	7911902.7	193.0
MR_Train_Th060	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562912.0	7911889.8	193.0
MR_Train_Th061	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	562956.1	7911876.9	193.1
MR_Train_Th062	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563000.2	7911863.9	193.5
MR_Train_Th063	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563044.3	7911850.6	193.9
MR_Train_Th064	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563088.0	7911836.5	194.1
MR_Train_Th065	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563131.3	7911820.8	194.2
MR_Train_Th066	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563173.8	7911803.3	193.0
MR_Train_Th067	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563215.0	7911783.0	193.4
MR_Train_Th068	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563255.6	7911761.4	193.0
MR_Train_Th069	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563295.9	7911739.2	192.6
MR_Train_Th070	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563333.6	7911712.7	194.3
MR_Train_Th071	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563370.7	7911685.6	192.8
MR_Train_Th072	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563407.0	7911657.4	191.4
MR_Train_Th073	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563442.2	7911627.8	189.9
MR_Train_Th074	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563476.4	7911597.1	190.0
MR_Train_Th075	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563510.6	7911566.2	191.0
MR_Train_Th076	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563544.7	7911535.4	191.0
MR_Train_Th077	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563578.9	7911504.6	190.7
MR_Train_Th078	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563612.9	7911473.6	191.0
MR_Train_Th079	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563646.8	7911442.5	192.8
MR_Train_Th080	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563680.7	7911411.4	193.5
MR_Train_Th081	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563712.5	7911378.3	194.1
MR_Train_Th082	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563742.9	7911343.8	193.0
MR_Train_Th083	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563771.7	7911307.9	193.0
MR_Train_Th084	Mary River Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	563800.0	7911271.7	193.0
MR_Train01	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	560944.9	7913443.2	185.5
MR_Train02	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	560949.6	7913248.9	187.5
MR_Train03	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	561073.7	7913098.1	188.5

Source ID [1]	Source Description	Sound Power Level (dBA)	Existing Noise Control Measures [1] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [2]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
MR_Train04	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	561225.1	7912968.7	192.7
MR_Train05	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	561354.8	7912816.5	192.4
MR_Train06	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	561484.3	7912664.2	193.5
MR_Train07	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	561654.2	7912561.0	195.5
MR_Train08	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	561836.4	7912478.6	197.2
MR_Train09	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	562005.4	7912371.8	196.0
MR_Train10	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	562169.0	7912256.9	201.6
MR_Train11	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	562332.6	7912141.8	197.5
MR_Train12	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	562501.7	7912035.4	196.1
MR_Train13	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	562685.6	7911959.7	191.0
MR_Train14	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	562876.4	7911900.2	195.5
MR_Train15	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	563068.1	7911842.9	196.6
MR_Train16	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	563251.3	7911763.8	195.5
MR_Train17	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	563415.4	7911650.3	193.5
MR_Train18	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	563564.8	7911517.3	193.5
MR_Train19	Mary River Train	102	U	109.6	104.8	100.9	105.4	99.2	93.9	93.1	89.3	86.3	Mea	3.5	563710.5	7911380.6	196.6
MR_Dozer04	Mary River - Dozer 4 - Stockpile	116	U	113.8	117.9	115.0	107.2	110.1	112.6	109.6	105.6	99.9	Mea	3.0	561491.1	7913186.0	198.5
MR_Stacker04	Mary River - Lump Mobile Stacker 4	103	U	113.1	111.8	106.9	100.4	99.3	100.2	94.7	87.5	82.3	Mea	3.0	561421.7	7913310.9	200.6
MR_Stacker05	Mary River - Lump Mobile Stacker 5	103	U	113.1	111.8	106.9	100.4	99.3	100.2	94.7	87.5	82.3	Mea	3.0	561337.7	7913212.2	195.9
MR_Dozer05	Mary River - Dozer 5 - Waste Rock Stockpile	116	U	113.8	117.9	115.0	107.2	110.1	112.6	109.6	105.6	99.9	Mea	3.0	563041.6	7916101.9	597.3
MR_2100_CV_002	Conveyor from 2100-TT-001 to 2100-TT-002	93	U					93.0					EC	Various	Various	Various	Various
MR_2200_CV_002	Conveyor from 2200-TT-001 to 2200-TT-002	93	U					93.0					EC	Various	Various	Various	Various
MR_2200_CV_009	Conveyor from 2200-TT-001 to 2200-TT-002	93	U					93.0					EC	Various	Various	Various	Various
MR_2300_CV_005	Conveyor from 2200-TT-002 to 2300-TT-001	93	U					93.0					EC	Various	Various	Various	Various
MR_2300_CV_012	Conveyor from 2300-TT-001 to 2300-TT-002 to Rail Load Out	93	U					93.0					EC	Various	Various	Various	Various
MR_HR_ToteRd	Tote rd to milne	87	U	71.2	71.5	84.7	87.7	86.2	76.5	80.5	75.1	69.4	EC	2.5	Various	Various	Various
MR_HR_Stockpile	Haul Route - Crusher to Stockpile	85	U	76.2	77.2	80.2	77.2	81.2	81.2	78.2	72.2	67.2	EC	2.5	Various	Various	Various
MR_PH_Roof	Power House - Roof	107	U	119.7	126.7	120.7	106.7	90.6	88.6	82.6	82.2	78.1	EC	10.3	Various	Various	Various
MR_PH_W	Power House - West Face	99	U	111.6	118.6	112.6	98.6	82.4	80.4	74.4	73.9	69.8	EC	10.2	Various	Various	Various
MR_PH_N	Power House - North Face	101	U	113.9	120.9	114.9	100.9	84.7	82.7	76.7	76.2	72.2	EC	10.2	Various	Various	Various
MR_PH_S	Power House - South Face	102	U	115.3	122.3	116.3	102.3	86.0	84.0	78.0	77.5	73.5	EC	10.2	Various	Various	Various
MR_PH_E	Power House - East Face	93	U	106.0	113.0	107.0	93.0	76.7	74.7	68.7	68.3	64.2	EC	Various	Various	Various	Various
MR_Sec_Cru_V1	Secondary Crusher Conveyor Vent 1	123	U	116.2	119.6	119.7	118.2	118.6	118.0	117.0	113.5	108.5	Mea	Various	Various	Various	Various
MR_Sec_Cru_V2	Secondary Crusher Conveyor Vent 2	123	U	116.2	119.6	119.7	118.2	118.6	118.0	117.0	113.5	108.5	Mea	Various	Various	Various	Various
MR_Pri_Scr_V1	Primary Screening Tower Vent 1	117	U	114.6	118.6	114.9	109.1	111.7	111.0	111.6	108.4	103.1	Mea	Various	Various	Various	Various
MR_Pri_Scr_V2	Primary Screening Tower Vent 2	117	U	114.6	118.6	114.9	109.1	111.7	111.0	111.6	108.4	103.1	Mea	Various	Various	Various	Various
MR_Pri_Scr_V3	Primary Screening Tower Vent 3	117	U	114.6	118.6	114.9	109.1	111.7	111.0	111.6	108.4	103.1	Mea	Various	Various	Various	Various
MR_Pri_Scr_V4	Primary Screening Tower Vent 4	117	U	114.6	118.6	114.9	109.1	111.7	111.0	111.6	108.4	103.1	Mea	Various	Various	Various	Various
MR_Pri_Scr_V5	Primary Screening Tower Vent 5	117	U	114.6	118.6	114.9	109.1	111.7	111.0	111.6	108.4	103.1	Mea	Various	Various	Various	Various
MR_Rail_BD1	Bay Door 1 on Rail Loadout	107	U	109.5	112.8	107.2	106.1	106.9	101.1	96.8	91.6	92.8	EC	0.1	Various	Various	Various
MR_Rail_BD2	Bay Door 2 on Rail Loadout	107	U	109.5	112.8	107.2	106.1	106.9	101.1	96.8	91.6	92.8	EC	0.1	Various	Various	Various
MR_Pri_Cru	Primary Crusher Vent	121	U	114.4	117.8	117.9	116.4	116.8	116.2	115.2	111.7	106.7	Mea	Various	Various	Various	Various

Table 5D-2-2: Noise Source Data (Steensby Port)

0940977 Baffinland, Mary River EA

Notes to Table:

1. Noise Control Measures
   - S = Silencer
   - A = Acoustic lining, plenum
   - B = Barrier
   - L = Lagging
   - E = Acoustic Enclosure

2. Sound Power Level Data Source
   - Man = Manufacturer's Data
   - Mea = Measured Directly
   - Pre = Pre-tender Package
   - EC = Engineering Calc based on specifications
   - Same ### = same type as source no. ###

				A-Weighting Network								
				-39	-26	-16	-9	-3	0	1	1	-1
Source ID [1]	**Source Description**	**Sound Power Level [2] (dBA)**	**Existing Noise Control Measures [5] (S,A,B,L,E,O,U)**	**1/1 Octave Band Sound Power Level Data (dB, if available) 31.5**	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
SI_Incinerator	Steensby - Incinerator	91	U		88.0	86.0	82.0	92.0	84.0	81.0	77.0	72.0
SI_PH_chlr1	Steensby Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0
SI_PH_chlr2	Steensby Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0
SI_PH_chlr3	Steensby Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0
SI_PH_chlr4	Steensby Powerhouse - Chiller	110	U		111.1	106.0	107.5	107.1	104.9	101.7	98.9	96.0
SI_PH_intake1	Steensby Powerhouse - Intake Air Unit	112	U	99.0	110.0	109.0	109.0	107.8	106.8	103.8	102.2	99.2
SI_PH_intake2	Steensby Powerhouse - Intake Air Unit	112	U	99.0	110.0	109.0	109.0	107.8	106.8	103.8	102.2	99.2
SI_PH_intake3	Steensby Powerhouse - Intake Air Unit	112	U	99.0	110.0	109.0	109.0	107.8	106.8	103.8	102.2	99.2
SI_PH_intake4	Steensby Powerhouse - Intake Air Unit	112	U	99.0	110.0	109.0	109.0	107.8	106.8	103.8	102.2	99.2
SI_PH_intake5	Steensby Powerhouse - Intake Air Unit	112	U	99.0	110.0	109.0	109.0	107.8	106.8	103.8	102.2	99.2
SI_PH_intake6	Steensby Powerhouse - Intake Air Unit	112	U	99.0	110.0	109.0	109.0	107.8	106.8	103.8	102.2	99.2
SI_PH_Gen_exh1	Steensby Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0
SI_PH_Gen_exh2	Steensby Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0
SI_PH_Gen_exh3	Steensby Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0
SI_PH_Gen_exh4	Steensby Powerhouse Generator - Exhaust	151	S	117.0	116.0	115.0	115.0	119.0	125.0	130.0	150.0	135.0
SI_Stacker01	Steensby - Fines Stacker (4100-SK-001)	103	U	113.1	111.8	106.9	100.4	99.3	100.2	94.7	87.5	82.3
SI_StkRclm	Steensby - Lump Stacker/reclaimer (4100-SK-002)	111	U	104.0	106.9	117.4	109.4	110.2	103.6	101.2	95.5	89.7
SI_Rclm01	Steensby - Lump reclaimer (4100-RC-001)	111	U	104.0	106.9	117.4	109.4	110.2	103.6	101.2	95.5	89.7
SI_PH_Lou1	Steensby Powerhouse - Roof Louvres	121	U	108.7	119.7	118.7	118.7	117.4	116.4	113.4	111.9	108.9
SI_PH_Lou2	Steensby Powerhouse - Roof Louvres	121	U	108.7	119.7	118.7	118.7	117.4	116.4	113.4	111.9	108.9
SI_PH_Lou3	Steensby Powerhouse - Roof Louvres	121	U	108.7	119.7	118.7	118.7	117.4	116.4	113.4	111.9	108.9
SI_PH_Lou4	Steensby Powerhouse - Roof louvres	121	U	108.7	119.7	118.7	118.7	117.4	116.4	113.4	111.9	108.9
SI_PH_Lou5	Steensby Powerhouse - Roof louvres	121	U	108.7	119.7	118.7	118.7	117.4	116.4	113.4	111.9	108.9
SI_PH_Lou6	Steensby Powerhouse - Roof louvres	121	U	108.7	119.7	118.7	118.7	117.4	116.4	113.4	111.9	108.9
SI_Shipload01	Steensby Ship loading	110	U	112.5	115.8	110.2	109.1	109.9	104.1	99.8	94.6	95.8
SI_Shipload02	Steensby Ship loading	110	U	112.5	115.8	110.2	109.1	109.9	104.1	99.8	94.6	95.8
SI_Ship_Power01	Steensby Ship Power	104	U		115.0	116.0	104.0	96.0	95.0	94.0	86.0	79.0
SI_Train_Th001	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5
SI_Train_Th002	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5
SI_Train_Th003	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5
SI_Train_Th004	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5

Source ID	PWL Data Source [6]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
SI_Incinerator	Man	5.8	595384.7	7803136.7	32.8
SI_PH_chlr1	Man/EC	3.4	595998.7	7803410.7	27.5
SI_PH_chlr2	Man/EC	3.4	595991.5	7803407.3	27.8
SI_PH_chlr3	Man/EC	3.4	595968.3	7803397.1	28.9
SI_PH_chlr4	Man/EC	3.4	595960.9	7803393.8	29.5
SI_PH_intake1	EC	5.1	596023.9	7803358.3	34.0
SI_PH_intake2	EC	5.1	596018.3	7803355.8	34.3
SI_PH_intake3	EC	5.1	596013.1	7803353.5	34.2
SI_PH_intake4	EC	5.1	595996.4	7803346.1	34.1
SI_PH_intake5	EC	5.1	595991.1	7803343.8	34.2
SI_PH_intake6	EC	5.1	595985.5	7803341.3	34.3
SI_PH_Gen_exh1	Man	15.2	596003.7	7803391.8	40.6
SI_PH_Gen_exh2	Man	15.2	596002.7	7803394.0	40.3
SI_PH_Gen_exh3	Man	15.2	595976.3	7803379.6	41.9
SI_PH_Gen_exh4	Man	15.2	595975.3	7803381.9	41.7
SI_Stacker01	Mea	3.0	593754.6	7800064.2	16.5
SI_StkRclm	EC	3.0	593748.1	7800206.9	22.3
SI_Rclm01	EC	3.0	593317.8	7799490.6	20.9
SI_PH_Lou1	EC	10.5	596016.3	7803374.0	38.8
SI_PH_Lou2	EC	10.5	596010.8	7803371.5	38.8
SI_PH_Lou3	EC	10.5	596005.4	7803369.2	38.8
SI_PH_Lou4	EC	10.5	595989.0	7803361.7	38.8
SI_PH_Lou5	EC	10.5	595983.5	7803359.3	38.8
SI_PH_Lou6	EC	10.5	595978.0	7803356.7	38.8
SI_Shipload01	Mea	2.0	592644.8	7799038.9	3.1
SI_Shipload02	Mea	2.0	592647.7	7799256.5	3.1
SI_Ship_Power01	Mea	7.0	592694.5	7799148.2	8.1
SI_Train_Th001	EC	1.0	594719.7	7801470.4	41.8
SI_Train_Th002	EC	1.0	594749.8	7801435.6	42.5
SI_Train_Th003	EC	1.0	594779.9	7801400.8	44.0
SI_Train_Th004	EC	1.0	594809.8	7801365.9	45.9

Source ID [1]	Source Description	Sound Power Level [2] (dBA)	Existing Noise Control Measures [5] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [6]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
SI_Train_Th005	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594839.8	7801331.0	51.6
SI_Train_Th006	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594869.7	7801296.0	53.5
SI_Train_Th007	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594899.6	7801261.1	52.9
SI_Train_Th008	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594929.5	7801226.2	49.5
SI_Train_Th009	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594959.5	7801191.2	46.0
SI_Train_Th010	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594989.4	7801156.3	47.8
SI_Train_Th011	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595019.2	7801121.3	47.0
SI_Train_Th012	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595049.0	7801086.2	49.3
SI_Train_Th013	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595078.8	7801051.2	53.1
SI_Train_Th014	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595108.6	7801016.2	55.6
SI_Train_Th015	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595142.5	7800985.1	65.3
SI_Train_Th016	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595178.4	7800956.6	60.5
SI_Train_Th017	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595219.0	7800935.2	55.7
SI_Train_Th018	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595262.6	7800921.1	56.2
SI_Train_Th019	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595307.7	7800911.8	57.9
SI_Train_Th020	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595352.7	7800902.6	61.0
SI_Train_Th021	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595397.9	7800894.0	61.0
SI_Train_Th022	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595443.2	7800885.5	61.0
SI_Train_Th023	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595488.4	7800877.1	64.5
SI_Train_Th024	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595533.6	7800868.7	68.6
SI_Train_Th025	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595577.9	7800856.7	67.5
SI_Train_Th026	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595618.4	7800835.4	61.3
SI_Train_Th027	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595655.9	7800809.1	56.6
SI_Train_Th028	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595686.6	7800775.4	56.0
SI_Train_Th029	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595712.6	7800737.4	56.0
SI_Train_Th030	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595733.0	7800696.6	56.0
SI_Train_Th031	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595744.5	7800652.3	52.8
SI_Train_Th032	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595749.1	7800606.7	51.0
SI_Train_Th033	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595746.1	7800560.9	50.5
SI_Train_Th034	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595733.7	7800516.6	48.0
SI_Train_Th035	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595715.2	7800474.7	47.0
SI_Train_Th036	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595688.9	7800437.4	44.8
SI_Train_Th037	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595658.5	7800402.9	41.5
SI_Train_Th038	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595621.0	7800376.4	37.2
SI_Train_Th039	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595580.2	7800355.4	35.9
SI_Train_Th040	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595536.4	7800342.0	35.4
SI_Train_Th041	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595490.9	7800336.7	36.4
SI_Train_Th042	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595445.1	7800338.9	39.0
SI_Train_Th043	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595400.1	7800347.9	48.9
SI_Train_Th044	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595357.6	7800365.4	47.6
SI_Train_Th045	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595319.3	7800390.6	40.4
SI_Train_Th046	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595282.8	7800418.5	42.8
SI_Train_Th047	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595247.5	7800448.0	47.4
SI_Train_Th048	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595212.2	7800477.5	56.6
SI_Train_Th049	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595176.8	7800506.9	55.3
SI_Train_Th050	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595141.5	7800536.4	48.7
SI_Train_Th051	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595106.2	7800565.9	40.8

Source ID [1]	Source Description	Sound Power Level [2] (dBA)	Existing Noise Control Measures [5] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [6]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
SI_Train_Th052	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595070.9	7800595.3	37.5
SI_Train_Th053	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595035.5	7800624.8	36.2
SI_Train_Th054	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595000.2	7800654.3	33.5
SI_Train_Th055	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594964.9	7800683.8	32.0
SI_Train_Th056	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594929.6	7800713.2	32.4
SI_Train_Th057	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594894.0	7800742.4	34.5
SI_Train_Th060	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594788.0	7800830.7	40.9
SI_Train_Th061	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594752.8	7800860.3	41.1
SI_Train_Th062	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594717.6	7800889.9	39.4
SI_Train_Th063	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594682.4	7800919.5	40.1
SI_Train_Th064	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594647.0	7800949.0	43.5
SI_Train_Th065	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594611.6	7800978.4	48.8
SI_Train_Th066	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594576.4	7801007.9	51.0
SI_Train_Th067	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594541.7	7801038.1	48.8
SI_Train_Th068	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594509.7	7801071.2	43.4
SI_Train_Th069	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594480.7	7801106.8	37.2
SI_Train_Th070	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594455.4	7801145.2	36.0
SI_Train_Th071	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594433.7	7801185.7	35.9
SI_Train_Th072	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594415.6	7801228.0	35.9
SI_Train_Th073	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594401.6	7801271.7	39.1
SI_Train_Th074	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594391.1	7801316.5	42.2
SI_Train_Th075	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594385.0	7801362.1	49.7
SI_Train_Th076	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594384.4	7801408.0	48.2
SI_Train_Th077	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594386.6	7801453.9	42.7
SI_Train_Th078	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594393.4	7801499.4	41.8
SI_Train_Th079	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594404.3	7801544.0	41.6
SI_Train_Th080	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594418.2	7801587.9	44.0
SI_Train_Th081	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594432.3	7801631.7	50.2
SI_Train_Th082	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594446.3	7801675.5	50.2
SI_Train_Th083	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594460.3	7801719.3	44.2
SI_Train_Th084	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594474.3	7801763.1	41.3
SI_Train_Th085	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594488.1	7801807.0	41.0
SI_Train_Th086	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594502.3	7801850.8	41.0
SI_Train_Th087	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594518.3	7801893.9	41.0
SI_Train_Th088	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594535.0	7801936.7	39.9
SI_Train_Th089	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594553.9	7801978.5	37.3
SI_Train_Th090	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594576.7	7802018.5	35.9
SI_Train_Th091	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594599.5	7802058.5	35.0
SI_Train_Th092	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594622.2	7802098.4	30.7
SI_Train_Th093	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594645.0	7802138.4	29.5
SI_Train_Th094	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594666.7	7802178.9	28.9
SI_Train_Th095	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594688.4	7802219.5	32.5
SI_Train_Th096	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594710.0	7802260.1	37.0
SI_Train_Th097	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594731.6	7802300.8	39.5
SI_Train_Th098	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594753.2	7802341.4	40.8
SI_Train_Th099	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594774.8	7802382.0	39.9
SI_Train_Th100	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594796.4	7802422.6	39.2

Source ID [1]	Source Description	Sound Power Level [2] (dBA)	Existing Noise Control Measures [5] (S,A,B,L,E,O,U)	1/1 Octave Band Sound Power Level Data (dB, if available) 31.5	63	125	250	500	1000	2000	4000	8000	PWL Data Source [6]	Height Above Grade (m)	Source Co-ordinate (m) X	Y	Z
SI_Train_Th101	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594819.4	7802462.4	42.6
SI_Train_Th102	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594842.6	7802502.1	42.1
SI_Train_Th103	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594866.1	7802541.7	37.9
SI_Train_Th104	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594891.2	7802580.1	30.9
SI_Train_Th105	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594920.2	7802615.8	28.4
SI_Train_Th106	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594953.4	7802647.5	26.0
SI_Train_Th107	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	594990.5	7802674.6	26.0
SI_Train_Th108	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595030.9	7802696.4	26.0
SI_Train_Th109	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595072.4	7802716.4	27.8
SI_Train_Th110	Steensby Train - Knuckle Thump	103	U	104.3	108.2	103.7	97.2	97.6	97.6	96.2	93.7	93.5	EC	1.0	595114.0	7802736.0	31.0
SI_Ship_Power02	Steensby Ship Power	104	U		115.0	116.0	104.0	96.0	95.0	94.0	86.0	79.0	Mea	7.0	592607.1	7799187.9	8.1
SI_Icebreaker_1	Steensby Icebreaker 1	108	U	113.0	106.0	107.0	108.0	103.0	102.0	100.0	100.0	99.0	Mea	0.5	592343.6	7801697.1	1.6
SI_Icebreaker_2	Steensby Icebreaker 2	108	U	113.0	106.0	107.0	108.0	103.0	102.0	100.0	100.0	99.0	Mea	0.5	592971.9	7800374.0	1.6
SI_4100_CV_001	Conveyor from 4100-RR-001 to 4100-TT-001	120	U					119.8					EC	Various	Various	Various	Various
SI_4100_CV_002	Conveyor from 4100-TT-001 to Screen Feed Bin	119	U					119.0					EC	Various	Various	Various	Various
SI_4100_CV_004	Conveyor from Screen Feed Bin to 4100-TT-003	115	U					114.6					EC	Various	Various	Various	Various
SI_4100_CV_005	Conveyor from 4100-TT-003 to Fines Stack (4100-SK-001)	122	U					122.3					EC	Various	Various	Various	Various
SI_4100_CV_006	Conveyor from Screen Feed Bin to 4100-TT-004	117	U					116.6					EC	Various	Various	Various	Various
SI_4100_CV_007	Conveyor from 4100-TT-004 to 4200-TT-001	124	U					124.2					EC	Various	Various	Various	Various
SI_4100_CV_010	Conveyor from 4200-TT-001 to 4200-TT-003	120	U					119.7					EC	Various	Various	Various	Various
SI_4100_CV_013	Conveyor from 4200-TT-003 to Shiploader	118	U					117.6					EC	Various	Various	Various	Various
SI_Train	Steensby Inlet - Train	116	U	84.0	79.0	75.0	79.0	73.0	68.0	67.0	63.0	60.0	EC	Various	Various	Various	Various
SI_4100_CV_015	Conveyor from Tertiary Crusher to Screen Feed Bin	116	U					115.9					EC	Various	Various	Various	Various
SI_4100_CV_014	Conveyor from Screen Feed Bin to Tertiary Crusher	116	U					115.9					EC	Various	Various	Various	Various
SI_PH_Roof	Power House - Roof	108	U	121.0	128.0	122.0	108.0	91.8	89.8	83.8	83.5	79.3	EC	10.3	Various	Various	Various
SI_PH_N	Power House - North Face	102	U	115.0	122.0	116.0	102.0	86.0	84.0	78.0	77.0	73.0	EC	10.2	Various	Various	Various
SI_PH_E	Power House - East Face	94	U	107.0	114.0	108.0	94.0	78.0	76.0	70.0	69.0	65.0	EC	10.2	Various	Various	Various
SI_PH_S	Power House - South Face	104	U	117.0	124.0	118.0	104.0	87.0	85.0	79.0	79.0	75.0	EC	10.2	Various	Various	Various
SI_PH_W	Power House - West Fase	100	U	113.0	120.0	114.0	100.0	84.0	82.0	76.0	75.0	71.0	EC	10.2	Various	Various	Various
SI_Scr_Bin_V1	Screen Feed Bin Vent 1	118	U	115.0	119.0	116.0	110.0	112.0	112.0	112.0	109.0	104.0	Mea	41.6	Various	Various	Various
SI_Scr_Bin_V2	Screen Feed Bin Vent 2	118	U	115.0	119.0	116.0	110.0	112.0	112.0	112.0	109.0	104.0	Mea	15.4	Various	Various	Various
SI_Scr_Bin_V3	Screen Feed Bin Vent 3	118	U	115.0	119.0	116.0	110.0	112.0	112.0	112.0	109.0	104.0	Mea	15.4	Various	Various	Various
SI_Rail_Dump_V1	Rotary Rail Dumper Door 1	109	U	111.0	114.0	109.0	107.0	107.0	103.0	100.0	96.0	96.0	EC	39.7	Various	Various	Various
SI_Rail_Dump_V2	Rotary Rail Dumper Door 2	109	U	111.0	114.0	109.0	107.0	107.0	103.0	100.0	96.0	96.0	EC	34.1	Various	Various	Various
SI_Scr_Bin_V5	Screen Feed Bin Vent 5	118	U	115.0	119.0	116.0	110.0	112.0	112.0	112.0	109.0	104.0	Mea	15.4	Various	Various	Various
SI_Scr_Bin_V4	Screen Feed Bin Vent 4	118	U	115.0	119.0	116.0	110.0	112.0	112.0	112.0	109.0	104.0	Mea	41.6	Various	Various	Various
SI_TER_CRU_V1	Tertiary Crusher Vent 1	121	U	114.0	118.0	118.0	116.0	117.0	116.0	115.0	112.0	107.0	EC	15.4	Various	Various	Various
SI_TER_CRU_V2	Tertiary Crusher Vent 2	121	U	114.0	118.0	118.0	116.0	117.0	116.0	115.0	112.0	107.0	EC	15.0	Various	Various	Various
			U														