

This table replaces the following from the Schedule 5 response, dated October 2023:

Appendix G

Table Error! No text of specified style in document.-1 (Revised) – LFN Sources Included in the Noise Model (Excluding Inherent Mitigation)

	Eastings	Northing	Screen rpm	Stroke normal to deck(mm)	Vibrating Area (A) (m <sup>2</sup> )	Acoustic Efficiency (ρ)	rms disp (m)	rms Velocity (v) (m/s)	Characteristic pressure (p <sub>sc</sub> ) (Pa rms)	Characteristic pressure (p <sub>sc</sub> ) (dBZ)	Characteristic pressure (Pa amplitude)	Characteristic pressure inside enclosure (Pa amplitude)
140-SN-01 DMS Feed Preparation Screen	56899.87	58963.89	936.12	6.98	11.52	0.30	0.002468	0.242	27.61	122.8	39.0	78.1
140-SN-06 Secondary DMS Screen	56912.2	58956.66	1000.8	3.96	8.64	0.30	0.0014	0.147	12.56	116.0	17.8	35.5
140-SN-07 Scavenger DMS Screen	56914.9	58958.64	990.96	3.76	8.64	0.30	0.001329	0.138	11.81	115.4	16.7	33.4
150-SN-01 Primary Mill Sizing Screen	56920.26	58955.83	948.54	6.57	9	0.30	0.002323	0.231	20.57	120.2	29.1	58.2
115-SN-02 Secondary Crusher Scalping Screen	57124.2	59103.8	738	8.5	18	0.30	0.003005	0.232	41.42	126.3	58.6	117.1
125-SN-11 Ore Sorter Sizing Screen	57058.3	58979.4	738	8.5	14	0.30	0.003005	0.232	32.21	124.1	45.6	91.1
125-SN-01 Pebble Ore Sorter 1 Dewatering Screen	57040.6	59019.9	960	5.7	3.6	0.30	0.002015	0.203	7.23	111.2	10.2	20.4
125-SN-02 Pebble Ore Sorter 2 Dewatering Screen	57036.6	59017.9	960	5.7	3.6	0.30	0.002015	0.203	7.23	111.2	10.2	20.4
125-SN-03 Cobble Ore Sorter 1 Dewatering Screen	57033.5	59016.6	960	5.7	3.6	0.30	0.002015	0.203	7.23	111.2	10.2	20.4
125-SN-04 Cobble Ore Sorter 2 Dewatering Screen	57029.1	59014.7	960	5.7	3.6	0.30	0.002015	0.203	7.23	111.2	10.2	20.4
130-SN-12 Tertiary Crusher Sizing Screen	56958	58926.4	740	8.5	18	0.30	0.003005	0.233	41.53	126.3	58.7	117.5
130-SN-13 Tertiary Crusher Deatering Screen	57013.5	58965.7	740	8.5	18	0.30	0.003005	0.233	41.53	126.3	58.7	117.5

Note: z = 415 Rayls for air

Red text shows updated text (compared to original Appendix G)

Table 6-1 (but correct here). Mistake was due to stroke values changing the SPL. Noise levels used in the model were correct.

$$P_{sc} = \frac{\rho A z v}{4\pi}$$