



Muswellbrook Coal Company Limited (EPL No. 656)

PO Box 123, Muswellbrook, NSW 2333

Environmental Monitoring Report

MONTHLY BLASTING RESULTS

January 2022

Obtained: Published:	BM1 <i>Queen St</i>		BM2 <i>School</i>		BM3 <i>99 Queen St</i>		BM4 <i>Nisbet</i>	
Date	Overpressure <i>dB(L)</i>	Vibration <i>mm/s</i>	Overpressure <i>dB(L)</i>	Vibration <i>mm/s</i>	Overpressure <i>dB(L)</i>	Vibration <i>mm/s</i>	Overpressure <i>dB(L)</i>	Vibration <i>mm/s</i>
12-Jan-22	88.2	0.25	88.0	0.12	88.1	0.20	101.5	0.83
14-Jan-22	91.7	0.32	92.9	0.18	94.1	0.31	102.6	0.71
17-Jan-22	95.2	0.24	95.1	0.10	98.3	0.18	101.0	0.23
18-Jan-22	88.2	0.23	90.0	0.11	90.0	0.17	95.5	0.61
21-Jan-22	103.0	0.28	102.4	0.14	105.9	0.23	107.0	0.58
24-Jan-22	99.1	0.36	96.0	0.16	102.1	0.31	106.1	0.77
27-Jan-22	97.0	0.40	96.8	0.17	99.0	0.37	106.4	0.73
28-Jan-22	88.2	0.25	88.0	0.10	93.0	0.18	97.4	0.20
31-Jan-22	88.2	0.25	88.0	0.10	88.1	0.17	94.4	0.26
Criteria	<120 dB(L)	<10 mm/s	NR = no result, trigger was not activated for SMS reply or monitor malfunction (failure to record blast) NT = not triggered because the individual set vibration threshold was not exceeded.					

Comment: All blast results were within criteria limits as specified by EPL No. 656 and Development Consent DA205/2002