

February 2019 Blast Monitoring



Licensee: Laing O'Rourke Australia Construction Pty Ltd

Premises: Woolgoolga to Ballina Pacific Highway Upgrade Project, Harwood NSW 2465

Licence No: 20713

Contractor / Portion	Date of blast monitoring	Time	Location	Overpressure Reading (dB)L	Ground Vibration peak particle velocity (PPV) (mm/s)
				EPA requirements: - Readings must not >125dB at any time - Overpressure level must not exceed 120dB(L) for 95% of blasts over each reporting period (calendar month)	EPA Requirements: c) PPV must not >10mm/second at any time d) GPPV must not exceed 5mm/s for 95% of blasts over each reporting period (calendar month)
SWC, Portion A	19/02/2019	14:00	Cut 30, Section 3 Blast 039	Closest house 107.2db(L)	Closest house 2.41 mm/s
SWC, Portion A	19/02/2019	14:00	Cut 30, Section 3 Blast 039	Sheehy's Lane 114.2 db(L)	Sheehy's Lane 1.26mm/s
SWC, Portion A	25/02/2019	10:00	Cut 34, Section 3 Trial Blast	Monitor 1 94.32db(L)	Monitor 1 1.08mm/s
SWC, Portion A	25/02/2019	10:00	Cut 34, Section 3 Trial Blast	Monitor 2 93.92db(L)	Monitor 2 1.35mm/s
SWC, Portion A	25/02/2019	10:00	Cut 34, Section 3 Trial Blast	Monitor 3 108.4db(L)	Monitor 3 0.58mm/s
SWC, Portion A	25/02/2019	14:00	Cut 34, Section 3 Blast 001	Monitor 1 107.5db(L)	Monitor 1 4.14mm/s
SWC, Portion A	25/02/2019	14:00	Cut 34, Section 3 Blast 001	Monitor 2 113.8db(L)	Monitor 2 2.59mm/s
SWC, Portion A	25/02/2019	14:00	Cut 34, Section 3 Blast 001	Monitor 3 98.84db(L)	Monitor 3 0.57mm/s
CPB, Portion C	28/11/2018	11:30	Lang Hill	109.9	2.843
CPB, Portion C	11/12/2018	10:56	Lang Hill	103.4	4.258
CPB, Portion C	21/01/2019	11:00	Lang Hill	106.5	3.65
CPB, Portion C	1/02/2019	11:00	Lang Hill	107	4.36
CPB, Portion C	11/02/2019	12:00	Lang Hill	109.3	3.41
SEE Civil, Portion B	21/02/2019	12:00	Tyndale Borrow Site - CH67500	109.9	1.178
LendLease, Portion D	18/01/2019	13:09	Gibsons Quarry	Not Triggered (<125dB(L))	Not Triggered (<10mm/s)
LendLease, Portion D	18/01/2019	13:12	Gibsons Quarry	Not Triggered (<125dB(L))	Not Triggered (<10mm/s)
LendLease, Portion D	24/01/2019	10:04	Jali Quarry	Not Triggered (<125dB(L))	Not Triggered (<10mm/s)