

May 2018 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 / Wave	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 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 S3	2/05/2018	14:00	Cut 30, Closest house	93.92	5.243
SWC Portion A S3	2/05/2018	14:00	Cut 30, Sheehy's Lane	103.5	1.93
SWC Portion A S3	8/05/2018	14:00	Cut 30, Closest house	110.6	1.836
SWC Portion A S3	8/05/2018	14:00	Cut 30, Sheehy's Lane	no trigger	no trigger
SWC Portion A S3	23/05/2018	14:00	Cut 30, Closest house	93.5	4.668
SWC Portion A S3	23/05/2018	14:00	Cut 30, Sheehy's Lane	103.5	3.545
LendLease Portion D S10-11	10/05/2018	10:02	Jali Quarry	104.9	0.959mm/s
LendLease Portion D S10-11	22/05/2018	10:40	Jali Quarry	91.24	1.478mm/s