

# April 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 120dBL 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	10/04/2018	14:00	Cut 30	Closest house 92.28dB, Sheehy's Lane 97.44dB	Closest house 3.575mm/s, Sheehy's Lane 1.482mm/s
SWC Portion A	19/04/2018	14:00	Cut 30	Closest house 91.77dB, Sheehy's Lane 90.66dB	Closest house 4.796mm/s, Sheehy's Lane 1.076mm/s
LendLease Portion D S10-11	19/04/2018	10:33:00	Gibsons Quarry	118.3	1.955mm/s