

# January 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 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	17/01/2019	14:00	Cut 30, Section 3	Closest house 104dB	Closest house 4.88mm
SWC, Portion A	17/01/2019	14:00	Cut 30, Section 3	Sheehy's Lane 112dB	Sheehy's Lane 1.84mm
SWC, Portion A	24/01/2019	14:00	Cut 30, Section 3	Closest house 115dB	Closest house 5.00mm
SWC, Portion A	24/01/2019	14:00	Cut 30, Section 3	Sheehy's Lane 113.1dB	Sheehy's Lane 1.51mm
SWC, Portion A	24/01/2019	14:00	Cut 30, Section 3	Monitor 3 105.9dB	Monitor 3 1.74mm
SEE Civil, Portion B	22/01/2019	12:00	Tyndale Borrow Site CH67500	103.5	1.631
LendLease Portion D	18/01/2019	9:29	Gibsons Borrow Site	Blast data being compiled by sub-contractor and will be provided in next months report.	Blast data being compiled by sub-contractor and will be provided in next months report.