

## March 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)
Seymour Whyte Constructions, Portion A Sections 3 & 4	8/03/2018	14:00:00	Section 3, Cut 30, Tyndale	Closest house: 115dB. Sheehy's Lane:110dB	Closest House: 3.478mm/s. Sheehy's Lane:1.8mm/s.
Seymour Whyte Constructions, Portion A Sections 3 & 4	15/03/2018	14:00:00	Section 3, Cut 28, Tyndale.	Closest house: 107.8 dB, Bridge: 120dB	Closest house: 1.901mm/s, Bridge: 11.63mm/s
Seymour Whyte Constructions, Portion A Sections 3 & 4	22/03/2018	14:00:00	Section 3, Cut 30 Tyndale	Closest house: 115 dB. Sheehy's Lane: 110 dB	Closest House:2.7mm/s. Sheehy's Lane: 1.6mm/s
Seymour Whyte Constructions, Portion A Sections 3 & 4	29/02/2018	14:00:00	Section 3, Cut 30 Tyndale	Closest House: 114dB. Sheehy's Lane: 110dB	Closest House: 2.5mm/s. Sheehy's Lane: 1.5mm/s
BGC Portion A Section 4	26/03/2018	1400 hrs	Tyndale Ramps - Willis & Colley (Tyndale Sheds)	103.5	2.098
BGC Portion A Section 4	26/03/2018	1400 hrs	Tyndale Ramps - Byrnes (Pac Hwy)	101.1	1.896
LendLease, Portion D Section 10 & 11	9/03/2018	10:33:00	Gibsons Quarry	114	1.143
LendLease, Portion D Section 10 & 11	16/03/2018	10:37:00	Gibsons Quarry	118.3	1.955