

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/04/16
Event Time	18:38:45 Australia/Melbourne
Location	Phoenix 3840 LPH 6085
Distance Below Surface	~1310 m
Notes	-



PPV Measurements

Site ID	X Component		Y Component		Z Component		Vector
	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	
FGV2	0.67	73.1	0.76	49.9	0.50	84.8	0.83
FGV16	0.58	23.1	0.29	26.1	0.32	32.9	0.59
FGV5	0.33	27.8	0.36	22.4	< 0.20	19.2	0.47
FGV7	0.32	22.8	0.37	19.4	0.25	36.8	0.45
FGV11	0.29	30.9	0.43	34.6	0.20	35.2	0.43
FGV1	0.28	30.6	0.32	25.2	0.36	36.0	0.42
FGV4	0.21	55.9	0.27	35.9	0.23	82.1	0.36
FGV20	< 0.20	20.7	0.24	20.6	< 0.20	40.4	0.24
FGV3	< 0.20	18.2	0.24	19.3	< 0.20	18.4	0.24
FGV14	< 0.20	25.4	< 0.20	36.0	< 0.20	40.5	< 0.20
FGV15	< 0.20	14.4	< 0.20	17.2	< 0.20	31.4	< 0.20
FGV10	< 0.20	22.9	< 0.20	11.0	< 0.20	48.8	< 0.20
FGV6	< 0.20	21	< 0.20	21.8	< 0.20	24.6	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
FGV18	-	-	-	-	-	-	-
FGV19	-	-	-	-	-	-	-
FGV21	-	-	-	-	-	-	-
FGV22	-	-	-	-	-	-	-
FGV23	-	-	-	-	-	-	-
FGV24	-	-	-	-	-	-	-
FGV25	-	-	-	-	-	-	-

Per-component Peak Particle Velocities (PPV) vs. Zero Crossing Frequencies.
Line indicates cosmetic damage guidelines
(residential buildings, Fig. J4.4.2.1, AS 2187.2:2006).

Legend: Below detection threshold Below 15 mm/s Above 15 mm/s Above damage curve

