

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/02/14
Event Time	18:37:39 Australia/Melbourne
Location	Phoenix 3790 LPH 6010
Distance Below Surface	~1360 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	0.52	59.6	0.49	48.9	0.22	86.2	0.59
FGV16	0.43	23.3	< 0.20	17.3	< 0.20	37.6	0.43
FGV4	< 0.20	70.7	0.21	95.2	0.24	74.8	0.29
FGV1	0.22	24.6	0.24	23.6	< 0.20	39.4	0.25
FGV7	< 0.20	16.3	< 0.20	19.8	< 0.20	27.7	0.20
FGV11	< 0.20	31.8	< 0.20	35.6	< 0.20	27.9	< 0.20
FGV5	< 0.20	46.7	< 0.20	29.0	< 0.20	41.5	< 0.20
FGV20	< 0.20	19.3	< 0.20	16.7	< 0.20	46.8	< 0.20
FGV3	< 0.20	31.4	< 0.20	14.4	< 0.20	23.4	< 0.20
FGV14	< 0.20	43.5	< 0.20	40.8	< 0.20	50.2	< 0.20
FGV10	< 0.20	48.8	< 0.20	20.8	< 0.20	42.2	< 0.20
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
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

