

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/02/10
Event Time	18:47:47 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	0.68	64.1	0.73	55.7	0.40	71.5	0.77
FGV16	0.71	24.1	0.24	19.9	< 0.20	30.9	0.72
FGV1	0.35	28.9	0.38	26.1	0.26	34.7	0.42
FGV7	0.32	20.2	0.26	18.8	0.22	25.2	0.38
FGV4	< 0.20	35.1	0.28	22.9	< 0.20	35.6	0.32
FGV11	0.21	34.5	0.29	30.6	< 0.20	31.2	0.31
FGV5	< 0.20	37.1	0.25	25.2	< 0.20	33.8	0.26
FGV20	< 0.20	18.9	0.20	21.9	< 0.20	22.9	0.20
FGV3	< 0.20	22.6	< 0.20	26.7	< 0.20	38.4	< 0.20
FGV14	< 0.20	38.6	< 0.20	42.8	< 0.20	39.3	< 0.20
FGV15	< 0.20	18.7	< 0.20	15.8	< 0.20	30.2	< 0.20
FGV10	< 0.20	12	< 0.20	17.7	< 0.20	41.1	< 0.20
FGV6	< 0.20	24.5	< 0.20	24.3	< 0.20	21.5	< 0.20
FGV18	< 0.20	13.6	< 0.20	14.0	< 0.20	11.8	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
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

