

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/06/27
Event Time	18:46:24 Australia/Melbourne
Location	Phoenix 3910 RTH 6020
Distance Below Surface	~1240 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	0.23	86.5	0.26	51.1	0.29	83.8	0.31
FGV11	< 0.20	33.6	0.20	39.1	< 0.20	69.4	0.21
FGV16	< 0.20	18.1	< 0.20	26.5	< 0.20	33.8	< 0.20
FGV4	< 0.20	72.8	< 0.20	34.7	< 0.20	41.5	< 0.20
FGV7	< 0.20	18.2	< 0.20	41.6	< 0.20	43.0	< 0.20
FGV5	< 0.20	54.5	< 0.20	24.4	< 0.20	40.3	< 0.20
FGV1	< 0.20	28.4	< 0.20	27.3	< 0.20	34.3	< 0.20
FGV3	< 0.20	19	< 0.20	16.1	< 0.20	40.9	< 0.20
FGV20	< 0.20	18.2	< 0.20	19.2	< 0.20	16.2	< 0.20
FGV6	< 0.20	38.4	< 0.20	22.6	< 0.20	23.4	< 0.20
FGV14	< 0.20	27.2	< 0.20	28.8	< 0.20	62.7	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
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

