

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	0.8
Event Date	2026/01/28
Event Time	00:33:46 Australia/Melbourne
Location	Phoenix 3740 LPH 5820
Distance Below Surface	~1390 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	0.25	66.3	< 0.20	68.6	< 0.20	66.3	0.26
FGV1	< 0.20	28.3	< 0.20	24.9	< 0.20	39.5	< 0.20
FGV16	< 0.20	21.6	< 0.20	18.9	< 0.20	39.0	< 0.20
FGV5	< 0.20	46.5	< 0.20	31.0	< 0.20	40.7	< 0.20
FGV7	< 0.20	23.2	< 0.20	24.0	< 0.20	74.2	< 0.20
FGV4	< 0.20	37.2	< 0.20	55.4	< 0.20	39.3	< 0.20
FGV3	-	-	-	-	-	-	-
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV11	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
FGV18	-	-	-	-	-	-	-
FGV19	-	-	-	-	-	-	-
FGV20	-	-	-	-	-	-	-
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

