

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.2
Event Date	2026/07/16
Event Time	20:26:36 Australia/Melbourne
Location	Phoenix 3690 ACC
Distance Below Surface	~1470 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	41.7	0.30	41.4	0.37	62.7	0.61
FGV7	< 0.20	25	< 0.20	16.4	< 0.20	30.2	0.21
FGV4	< 0.20	34.7	< 0.20	86.1	< 0.20	35.0	< 0.20
FGV11	< 0.20	36.8	< 0.20	34.4	< 0.20	41.0	< 0.20
FGV5	< 0.20	25.1	< 0.20	17.5	< 0.20	28.3	< 0.20
FGV3	< 0.20	21.9	< 0.20	23.8	< 0.20	29.0	< 0.20
FGV6	< 0.20	64	< 0.20	59.8	< 0.20	26.2	< 0.20
FGV16	< 0.20	25.8	< 0.20	18.9	< 0.20	31.4	< 0.20
FGV14	< 0.20	32.7	< 0.20	30.6	< 0.20	37.6	< 0.20
FGV1	< 0.20	18.5	< 0.20	25.6	< 0.20	40.9	< 0.20
FGV10	< 0.20	32.5	< 0.20	27.1	< 0.20	49.2	< 0.20
FGV15	< 0.20	20.4	< 0.20	20.1	< 0.20	18.3	< 0.20
FGV20	< 0.20	15.3	< 0.20	18.3	< 0.20	15.4	< 0.20
FGV18	< 0.20	17.2	< 0.20	17.6	< 0.20	16.3	< 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

