

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.2
Event Date	2026/07/09
Event Time	18:44:32 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	0.66	42.8	0.49	61.1	0.60	73.1	0.77
FGV7	0.22	26.9	< 0.20	28.1	< 0.20	22.5	0.26
FGV4	< 0.20	77.9	0.20	87.6	< 0.20	49.0	0.25
FGV5	< 0.20	22.5	< 0.20	18.5	< 0.20	26.9	0.20
FGV3	< 0.20	22.5	< 0.20	24.9	< 0.20	18.0	< 0.20
FGV11	< 0.20	46.5	< 0.20	38.8	< 0.20	43.7	< 0.20
FGV16	< 0.20	24.4	< 0.20	11.8	< 0.20	29.8	< 0.20
FGV1	< 0.20	20.1	< 0.20	26.1	< 0.20	33.3	< 0.20
FGV10	< 0.20	32.6	< 0.20	32.4	< 0.20	52.9	< 0.20
FGV6	< 0.20	54	< 0.20	46.8	< 0.20	27.8	< 0.20
FGV14	< 0.20	29.8	< 0.20	30.6	< 0.20	39.3	< 0.20
FGV15	< 0.20	21.7	< 0.20	20.2	< 0.20	18.8	< 0.20
FGV20	< 0.20	10.8	< 0.20	17.8	< 0.20	15.4	< 0.20
FGV18	< 0.20	16.9	< 0.20	18.7	< 0.20	16.6	< 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

