

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.1
Event Date	2026/07/31
Event Time	03:01:06 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1480 m
Notes	15m from PHX 3690 ACC



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	0.40	43.3	0.31	61.5	0.29	59.6	0.47
FGV7	< 0.20	27.9	< 0.20	28.1	< 0.20	34.5	< 0.20
FGV4	< 0.20	35.8	< 0.20	98.2	< 0.20	84.4	< 0.20
FGV11	< 0.20	24	< 0.20	35.2	< 0.20	42.8	< 0.20
FGV5	< 0.20	36.3	< 0.20	19.8	< 0.20	31.9	< 0.20
FGV1	< 0.20	18.5	< 0.20	26.3	< 0.20	34.1	< 0.20
FGV3	< 0.20	21.8	< 0.20	24.4	< 0.20	34.1	< 0.20
FGV14	< 0.20	31.2	< 0.20	39.1	< 0.20	37.8	< 0.20
FGV16	< 0.20	25.5	< 0.20	17.5	< 0.20	30.6	< 0.20
FGV10	< 0.20	32	< 0.20	30.9	< 0.20	49.7	< 0.20
FGV6	< 0.20	50.3	< 0.20	47.3	< 0.20	27.7	< 0.20
FGV20	< 0.20	16.2	< 0.20	19.0	< 0.20	15.6	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
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

