



Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.4
Event Date	2026/08/12
Event Time	02:30:12 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1190 m
Notes	21m east of PHX 3970 SP3

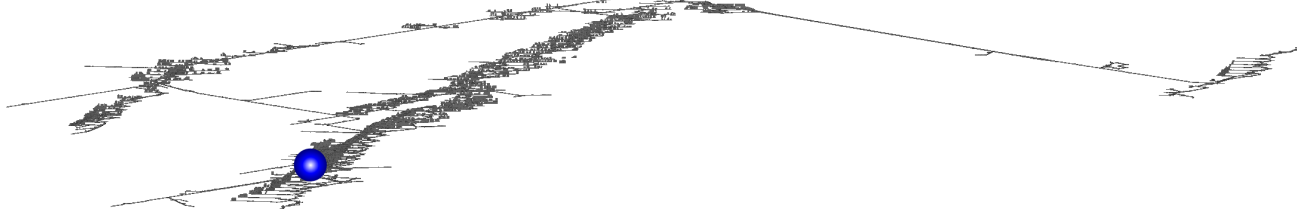
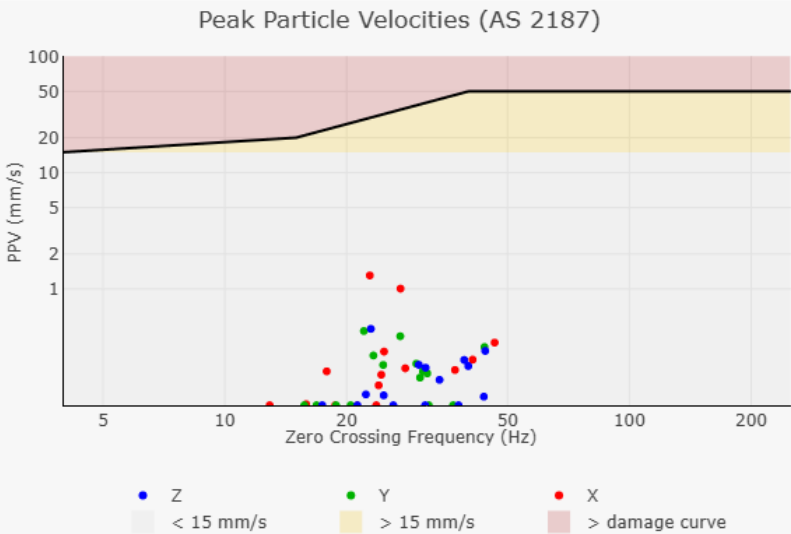


PPV Measurements

Site ID	X Component		Y Component		Z Component		Vector
	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	
FGV16	1.31	22.8	0.43	22.1	0.21	31.4	1.33
FGV7	1.01	27.2	0.39	27.1	0.45	23.0	1.09
FGV2	0.35	46.4	0.32	43.8	0.22	30.2	0.47
FGV3	0.29	24.8	0.22	24.6	0.29	44.0	0.30
FGV20	0.20	17.9	0.27	23.3	< 0.20	24.7	0.28
FGV5	0.25	41	0.20	30.9	0.22	40.0	0.27
FGV4	0.20	37.1	< 0.20	30.4	0.25	39.1	0.27
FGV1	0.21	27.9	0.23	29.7	< 0.20	33.9	0.26
FGV11	< 0.20	24.4	< 0.20	31.7	< 0.20	22.3	0.23
FGV14	< 0.20	24	< 0.20	36.7	< 0.20	43.7	< 0.20
FGV15	< 0.20	18.7	< 0.20	18.8	< 0.20	17.4	< 0.20
FGV17	< 0.20	15.9	< 0.20	16.9	< 0.20	31.3	< 0.20
FGV18	< 0.20	12.9	< 0.20	15.7	< 0.20	26.1	< 0.20
FGV10	< 0.20	21.2	< 0.20	31.9	< 0.20	37.8	< 0.20
FGV6	< 0.20	23.7	< 0.20	20.5	< 0.20	21.3	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
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



Reviewed time 2026/08/12 07:01:07

Approved time 2026/08/12 14:15:45