



Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.4
Event Date	2026/08/22
Event Time	17:57:49 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1070 m
Notes	Approximately 58m east of PHX 4105 SP4

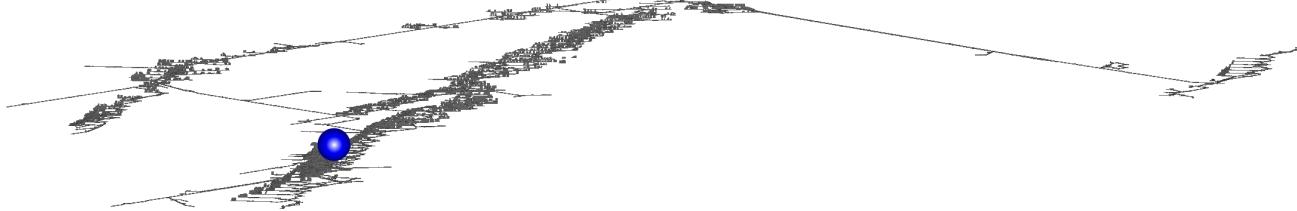
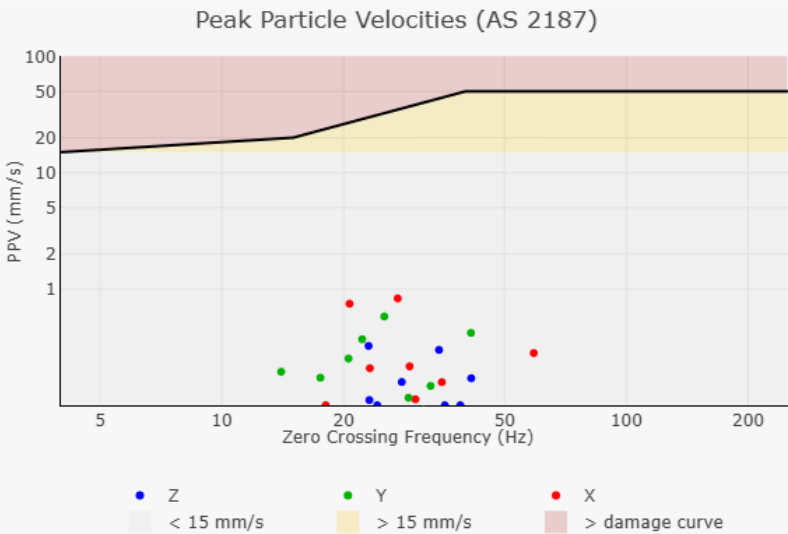


Google

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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



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)	
FGV7	0.83	27.2	0.37	22.2	0.32	23.0	0.92
FGV16	0.75	20.7	< 0.20	14.0	< 0.20	23.2	0.75
FGV1	0.22	29.1	0.58	25.2	0.30	34.4	0.61
FGV2	0.28	59	0.42	41.3	< 0.20	41.4	0.42
FGV3	0.21	23.2	0.25	20.6	< 0.20	27.9	0.31
FGV20	< 0.20	18.1	< 0.20	17.5	< 0.20	24.2	< 0.20
FGV4	< 0.20	35	< 0.20	32.8	< 0.20	38.9	< 0.20
FGV5	< 0.20	30.1	< 0.20	28.9	< 0.20	35.6	< 0.20
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV11	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
FGV18	-	-	-	-	-	-	-
FGV19	-	-	-	-	-	-	-
FGV21	-	-	-	-	-	-	-
FGV22	-	-	-	-	-	-	-
FGV23	-	-	-	-	-	-	-
FGV24	-	-	-	-	-	-	-
FGV25	-	-	-	-	-	-	-



Reviewed time 2026/08/22 18:13:25

Approved time -