

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.0
Event Date	2026/07/31
Event Time	18:31:52 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1450 m
Notes	Seismic event in the PHX 3690 PFC. 15m above drive.



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	< 0.20	37.4	< 0.20	46.4	< 0.20	63.2	0.22
FGV16	< 0.20	25.2	< 0.20	22.7	< 0.20	36.1	< 0.20
FGV7	< 0.20	25.4	< 0.20	17.0	< 0.20	27.9	< 0.20
FGV5	< 0.20	34	< 0.20	29.2	< 0.20	34.2	< 0.20
FGV4	< 0.20	45.4	< 0.20	76.4	< 0.20	58.8	< 0.20
FGV3	< 0.20	22.6	< 0.20	24.3	< 0.20	21.6	< 0.20
FGV11	< 0.20	36.6	< 0.20	36.7	< 0.20	40.5	< 0.20
FGV1	< 0.20	19.7	< 0.20	25.2	< 0.20	37.7	< 0.20
FGV10	< 0.20	31.9	< 0.20	31.3	< 0.20	43.2	< 0.20
FGV14	< 0.20	33.6	< 0.20	38.4	< 0.20	38.2	< 0.20
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
FGV18	-	-	-	-	-	-	-
FGV19	-	-	-	-	-	-	-
FGV20	-	-	-	-	-	-	-
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

