

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	1.1
Event Date	2026/03/18
Event Time	03:11:56 Australia/Melbourne
Location	Phoenix - east of PHX 4120 Raptor
Distance Below Surface	~980 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)	
FGV16	0.37	24	< 0.20	32.1	< 0.20	30.9	0.37
FGV1	< 0.20	24.8	< 0.20	29.8	0.29	36.3	0.29
FGV7	0.22	24.7	< 0.20	32.0	< 0.20	22.3	0.27
FGV2	< 0.20	63.2	< 0.20	35.9	< 0.20	71.2	< 0.20
FGV20	< 0.20	20.1	< 0.20	19.6	< 0.20	40.2	< 0.20
FGV3	< 0.20	24.5	< 0.20	25.5	< 0.20	34.9	< 0.20
FGV15	< 0.20	23.2	< 0.20	21.6	< 0.20	20.6	< 0.20
FGV5	< 0.20	25.4	< 0.20	30.7	< 0.20	33.7	< 0.20
PGVA 1	-	-	-	-	-	-	-
PGVA 2	-	-	-	-	-	-	-
FGV4	-	-	-	-	-	-	-
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV11	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
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

