

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/01/20
Event Time	06:32:30 Australia/Melbourne
Location	Phoenix 3950 SWAN 6180
Distance Below Surface	~1210 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)	
FGV2	0.21	65.6	0.20	50.7	< 0.20	90.6	0.22
FGV16	0.21	23.5	< 0.20	21.9	< 0.20	31.2	0.21
FGV5	< 0.20	38.1	< 0.20	32.0	< 0.20	36.7	< 0.20
FGV7	< 0.20	20.2	< 0.20	17.3	< 0.20	40.7	< 0.20
FGV11	< 0.20	30.3	< 0.20	30.8	< 0.20	25.2	< 0.20
FGV4	< 0.20	34.4	< 0.20	86.9	< 0.20	38.6	< 0.20
FGV1	< 0.20	26.5	< 0.20	24.6	< 0.20	34.9	< 0.20
FGV20	< 0.20	28.9	< 0.20	32.3	< 0.20	28.9	< 0.20
FGV3	-	-	-	-	-	-	-
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
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

