

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/01/05
Event Time	06:34:46 Australia/Melbourne
Location	Phoenix 3865 SWN 6090
Distance Below Surface	~1290 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	0.68	72.9	0.55	70.5	0.36	59.8	0.70
FGV5	0.22	20.1	0.41	22.2	< 0.20	32.7	0.44
FGV7	0.24	25.2	0.33	14.8	0.21	24.6	0.37
FGV16	0.34	23.9	< 0.20	16.8	< 0.20	29.1	0.34
FGV11	0.31	37.6	0.28	31.5	< 0.20	44.3	0.33
FGV4	< 0.20	44.6	0.28	55.2	0.20	33.8	0.30
FGV1	< 0.20	26.5	0.23	21.2	< 0.20	38.1	0.26
FGV3	< 0.20	23.7	< 0.20	18.3	< 0.20	28.2	0.20
FGV14	< 0.20	35.7	< 0.20	29.9	< 0.20	35.7	< 0.20
FGV20	< 0.20	24	< 0.20	25.2	< 0.20	13.9	< 0.20
FGV9	< 0.20	45.3	< 0.20	32.7	< 0.20	57.9	< 0.20
FGV6	< 0.20	17.6	< 0.20	19.5	< 0.20	20.3	< 0.20
FGV15	< 0.20	17.6	< 0.20	10.6	< 0.20	22.5	< 0.20
FGV18	< 0.20	13.7	< 0.20	20.9	< 0.20	18.3	< 0.20
FGV8	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
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

