

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/05/31
Event Time	18:55:26 Australia/Melbourne
Location	Phoenix 3880 CYG 6450
Distance Below Surface	~1270 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	0.30	25.7	< 0.20	24.3	0.22	44.8	0.30
FGV1	< 0.20	26.4	< 0.20	29.4	< 0.20	40.1	< 0.20
FGV7	< 0.20	26.9	< 0.20	21.8	< 0.20	42.5	< 0.20
FGV2	< 0.20	70.1	< 0.20	34.0	< 0.20	44.7	< 0.20
FGV14	< 0.20	46	< 0.20	43.5	< 0.20	55.3	< 0.20
FGV11	< 0.20	26.3	< 0.20	23.0	< 0.20	21.8	< 0.20
FGV5	< 0.20	26.8	< 0.20	28.4	< 0.20	25.6	< 0.20
FGV4	< 0.20	65.9	< 0.20	75.5	< 0.20	31.6	< 0.20
FGV3	< 0.20	26.8	< 0.20	36.2	< 0.20	62.3	< 0.20
FGV20	< 0.20	19.9	< 0.20	24.4	< 0.20	40.5	< 0.20
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
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

