

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/02/28
Event Time	18:35:18 Australia/Melbourne
Location	Phoenix 3715 LPH 5750
Distance Below Surface	~1420 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	0.39	63.3	0.43	45.7	0.28	90.0	0.54
FGV1	0.23	17.7	0.35	29.2	< 0.20	35.0	0.37
FGV4	0.24	50.5	0.29	59.8	0.23	61.8	0.36
FGV5	< 0.20	30	0.32	26.3	< 0.20	37.8	0.32
FGV7	0.31	30.5	< 0.20	23.2	0.20	32.6	0.31
FGV11	0.23	29.3	< 0.20	23.1	< 0.20	42.5	0.26
FGV16	< 0.20	28.1	< 0.20	30.4	0.23	50.3	0.23
FGV3	< 0.20	23.4	< 0.20	24.2	< 0.20	20.5	< 0.20
FGV20	< 0.20	16.7	< 0.20	11.2	< 0.20	47.1	< 0.20
FGV14	< 0.20	35.7	< 0.20	46.0	< 0.20	66.3	< 0.20
FGV10	< 0.20	39	< 0.20	38.0	< 0.20	52.5	< 0.20
FGV6	< 0.20	21.1	< 0.20	24.7	< 0.20	29.3	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
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

