

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/01/27
Event Time	06:59:51 Australia/Melbourne
Location	Phoenix 3765 LPH 5925
Distance Below Surface	~1380 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	0.63	66.2	0.65	61.3	0.39	80.5	0.68
FGV1	0.25	30.5	0.53	25.6	0.29	35.7	0.54
FGV11	0.31	37	0.42	34.6	< 0.20	27.5	0.44
FGV5	0.22	19.9	0.34	22.5	< 0.20	25.5	0.35
FGV4	0.26	35	0.25	59.9	< 0.20	32.2	0.32
FGV7	0.28	30.7	0.22	27.7	0.26	34.9	0.31
FGV16	0.28	24.6	0.25	15.0	< 0.20	31.9	0.29
FGV3	< 0.20	27.1	< 0.20	23.5	< 0.20	24.0	0.21
FGV20	< 0.20	25	< 0.20	15.8	< 0.20	11.4	< 0.20
FGV9	< 0.20	66.1	< 0.20	44.5	< 0.20	56.5	< 0.20
FGV10	< 0.20	44.3	< 0.20	30.6	< 0.20	54.0	< 0.20
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
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

