

Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/02/23
Event Time	18:31:15 Australia/Melbourne
Location	Harrier 4240 - Harrier 4260 RAR
Distance Below Surface	~910 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)	
FGV4	0.27	34.5	0.35	42.3	< 0.20	90.4	0.42
FGV7	0.28	23.4	0.37	27.0	0.20	27.8	0.40
FGV3	0.29	28.1	0.24	23.7	< 0.20	52.1	0.31
FGV2	0.27	61.3	0.25	50.8	< 0.20	68.3	0.29
FGV5	< 0.20	36.4	< 0.20	39.6	< 0.20	32.3	< 0.20
FGV11	< 0.20	43.5	< 0.20	39.9	< 0.20	37.7	< 0.20
FGV1	-	-	-	-	-	-	-
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
FGV16	-	-	-	-	-	-	-
FGV17	-	-	-	-	-	-	-
FGV18	-	-	-	-	-	-	-
FGV19	-	-	-	-	-	-	-
FGV20	-	-	-	-	-	-	-
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

