

Ground Vibration Report

Summary

Event Type	Development Blast
Magnitude	N/A
Event Date	2026/07/20
Event Time	06:31:05 Australia/Melbourne
Location	Harrier 4220 ACC
Distance Below Surface	~950 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	< 0.20	84.8	0.23	103.0	0.21	95.8	0.32
FGV2	< 0.20	60.9	< 0.20	45.8	< 0.20	90.6	< 0.20
FGV11	< 0.20	61.4	< 0.20	35.5	< 0.20	74.6	< 0.20
FGV7	< 0.20	13.9	< 0.20	19.0	< 0.20	32.6	< 0.20
FGV1	-	-	-	-	-	-	-
FGV3	-	-	-	-	-	-	-
FGV5	-	-	-	-	-	-	-
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

