

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	0.8
Event Date	2026/01/04
Event Time	18:54:23 Australia/Melbourne
Location	CRD 3750 RAW East
Distance Below Surface	~1410 m
Notes	Seismic Event 0.8 Mw Magnitude



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	0.20	55.8	< 0.20	63.6	< 0.20	80.6	0.21
FGV7	< 0.20	38.8	< 0.20	31.1	< 0.20	50.8	< 0.20
FGV16	< 0.20	31	< 0.20	17.8	< 0.20	47.5	< 0.20
FGV1	< 0.20	26.9	< 0.20	24.5	< 0.20	43.9	< 0.20
FGV5	< 0.20	29.7	< 0.20	19.8	< 0.20	33.8	< 0.20
FGV3	-	-	-	-	-	-	-
FGV4	-	-	-	-	-	-	-
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV11	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
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

