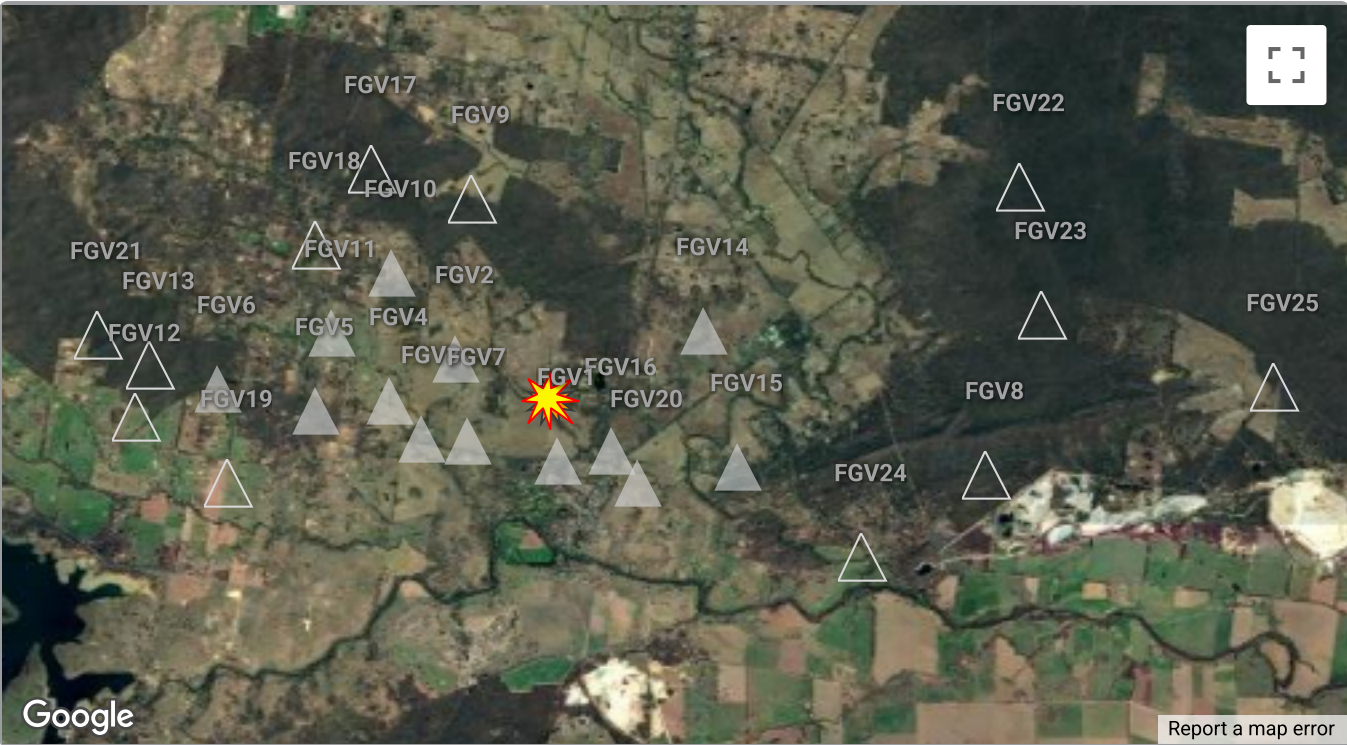


Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/07/30
Event Time	18:58:01 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1170 m
Notes	PHX 3990 CYG 6435 F3 Duration: 0.94s



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)	
FGV16	0.55	24.9	0.21	21.1	0.25	34.2	0.56
FGV1	0.21	30.9	0.26	21.7	0.44	42.9	0.47
FGV7	0.21	23.8	0.27	25.1	0.23	39.5	0.28
FGV2	0.22	46.2	< 0.20	51.8	< 0.20	39.2	0.23
FGV20	< 0.20	28.5	< 0.20	30.5	< 0.20	45.1	0.21
FGV11	< 0.20	30	< 0.20	34.5	< 0.20	28.5	< 0.20
FGV3	< 0.20	25	< 0.20	20.0	< 0.20	45.8	< 0.20
FGV4	< 0.20	25.9	< 0.20	21.9	< 0.20	34.9	< 0.20
FGV5	< 0.20	37.8	< 0.20	27.1	< 0.20	28.5	< 0.20
FGV14	< 0.20	31	< 0.20	35.9	< 0.20	50.9	< 0.20
FGV15	< 0.20	35	< 0.20	40.1	< 0.20	39.8	< 0.20
FGV10	< 0.20	34.5	< 0.20	28.9	< 0.20	41.1	< 0.20
FGV6	< 0.20	46.8	< 0.20	23.0	< 0.20	23.5	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
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

