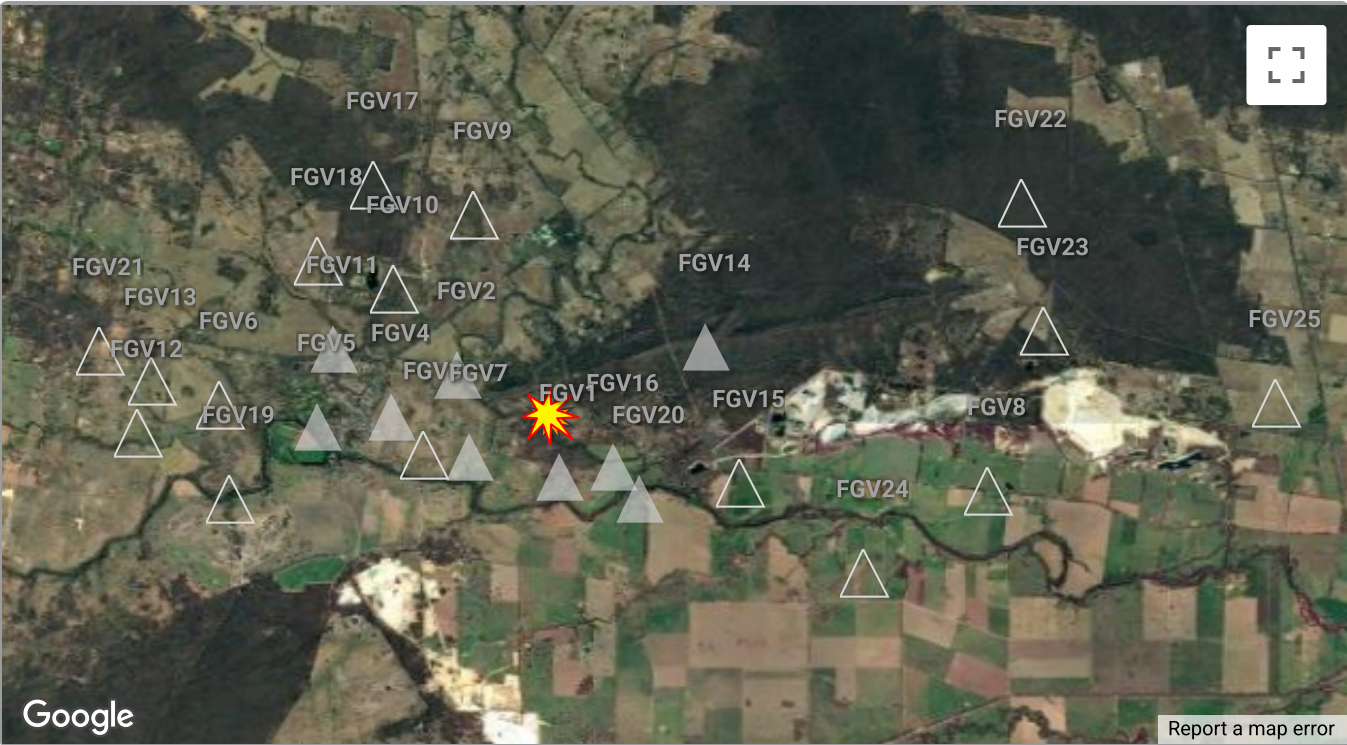


Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/07/28
Event Time	06:48:35 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1160 m
Notes	PHX 3990 CYG A F1 Duration: 3.2s



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)	
FGV1	< 0.20	30.3	0.25	26.1	0.35	37.8	0.35
FGV16	0.31	26	< 0.20	26.5	0.24	32.6	0.32
FGV7	< 0.20	25.5	< 0.20	30.7	< 0.20	43.6	0.20
FGV20	< 0.20	32.1	< 0.20	28.6	< 0.20	45.2	< 0.20
FGV2	< 0.20	46.5	< 0.20	33.9	< 0.20	32.7	< 0.20
FGV11	< 0.20	30.8	< 0.20	25.6	< 0.20	24.0	< 0.20
FGV14	< 0.20	28.4	< 0.20	45.0	< 0.20	49.4	< 0.20
FGV5	< 0.20	37.8	< 0.20	23.5	< 0.20	33.3	< 0.20
FGV4	< 0.20	14.7	< 0.20	35.5	< 0.20	42.1	< 0.20
FGV3	-	-	-	-	-	-	-
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
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

