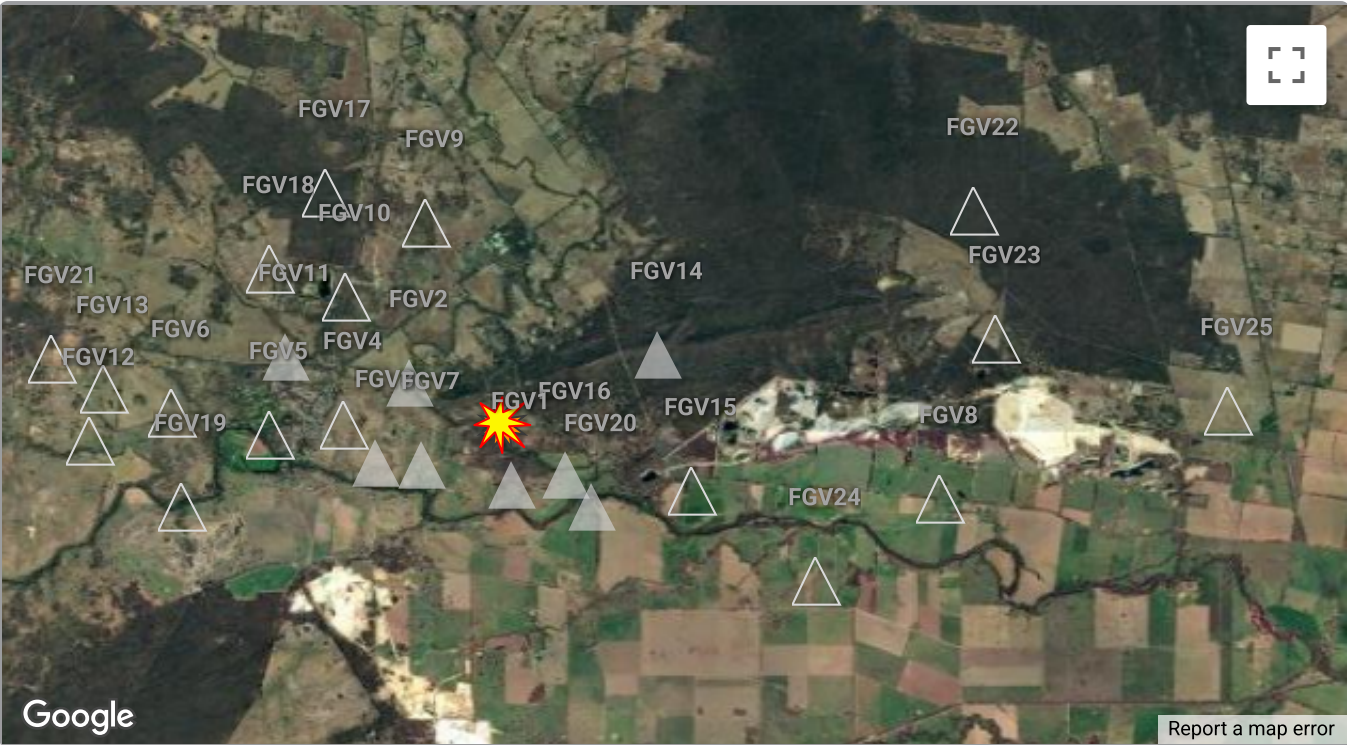


Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/07/29
Event Time	18:44:06 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1170 m
Notes	PHX 3990 CYG 6435 F3 Duration 0.94 seconds



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	0.37	22.9	< 0.20	22.3	0.20	37.5	0.38
FGV1	< 0.20	28.1	< 0.20	25.0	0.35	43.2	0.35
FGV20	< 0.20	28.2	< 0.20	31.5	< 0.20	48.4	< 0.20
FGV7	< 0.20	24.2	< 0.20	23.6	< 0.20	41.4	< 0.20
FGV2	< 0.20	48.9	< 0.20	51.2	< 0.20	50.9	< 0.20
FGV14	< 0.20	29.4	< 0.20	58.9	< 0.20	68.3	< 0.20
FGV3	< 0.20	24.8	< 0.20	21.4	< 0.20	39.9	< 0.20
FGV11	< 0.20	34.3	< 0.20	20.7	< 0.20	40.8	< 0.20
FGV4	-	-	-	-	-	-	-
FGV5	-	-	-	-	-	-	-
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

