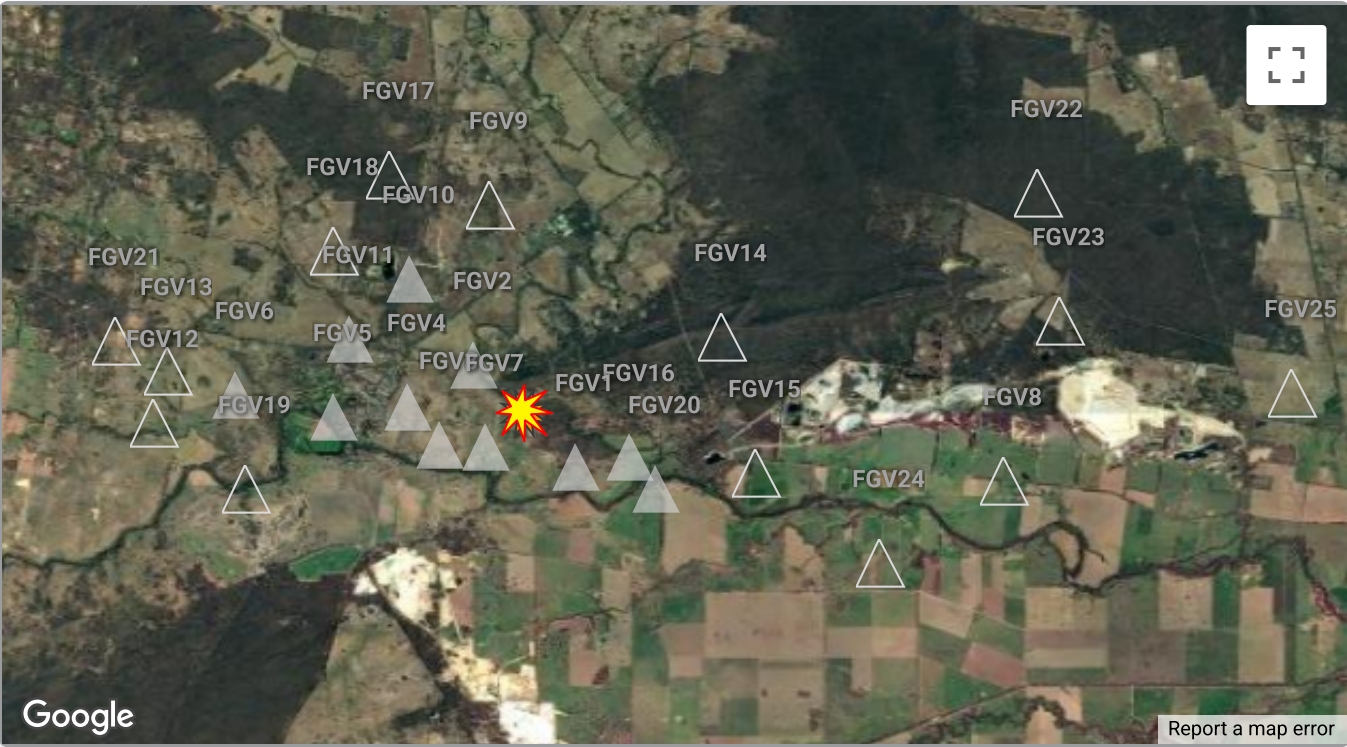


Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/07/29
Event Time	18:34:43 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1410 m
Notes	PHX 3715 LPH 5780 F1 Duration 1.48s



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	30.7	0.35	26.5	0.23	42.2	0.37
FGV2	0.30	61.8	0.24	41.1	0.30	72.0	0.36
FGV16	0.22	25.8	< 0.20	21.2	< 0.20	40.6	0.23
FGV4	< 0.20	38.9	< 0.20	75.0	< 0.20	43.5	0.22
FGV11	< 0.20	44.4	< 0.20	41.7	< 0.20	44.5	< 0.20
FGV7	< 0.20	28.5	< 0.20	18.8	< 0.20	36.1	< 0.20
FGV5	< 0.20	39.2	< 0.20	32.0	< 0.20	39.1	< 0.20
FGV3	< 0.20	13.5	< 0.20	33.3	< 0.20	46.5	< 0.20
FGV20	< 0.20	25.3	< 0.20	27.8	< 0.20	20.1	< 0.20
FGV6	< 0.20	44.2	< 0.20	50.1	< 0.20	19.0	< 0.20
FGV10	< 0.20	37	< 0.20	36.5	< 0.20	57.7	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
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

