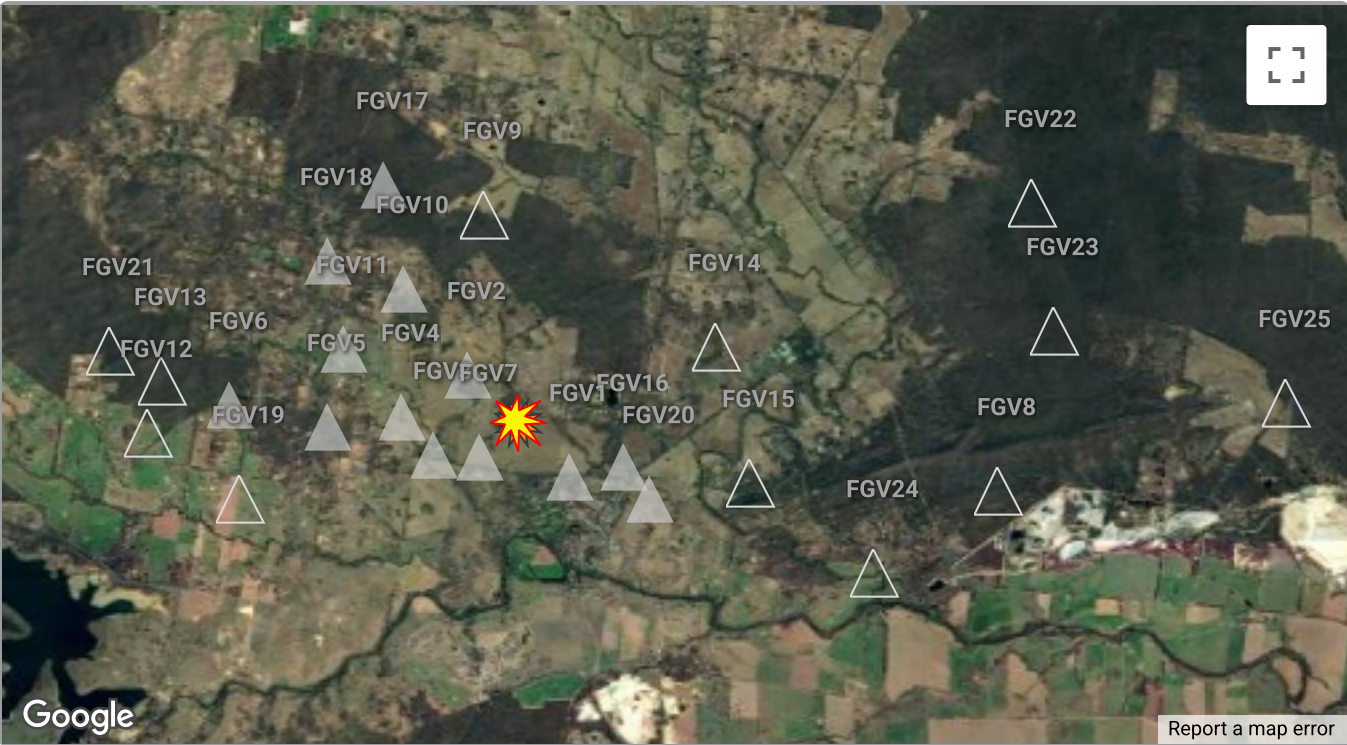


Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/08/02
Event Time	18:36:05 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1420 m
Notes	PHX 3715 LPH 5780 F2. Blast duration of 1.42s



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	0.43	51.5	0.34	53.6	0.42	70.1	0.54
FGV5	0.30	25.8	0.32	26.9	< 0.20	20.7	0.44
FGV11	0.29	32.5	0.35	41.4	0.30	30.9	0.42
FGV4	0.27	25.6	0.34	73.7	0.34	65.4	0.39
FGV1	0.27	22.5	0.35	26.2	0.30	41.9	0.35
FGV7	0.25	16.1	0.34	21.3	0.27	19.2	0.35
FGV16	0.33	24.1	< 0.20	23.0	< 0.20	33.8	0.33
FGV3	0.21	25.9	0.21	28.8	< 0.20	40.3	0.22
FGV6	< 0.20	42.9	< 0.20	46.6	< 0.20	37.2	< 0.20
FGV10	< 0.20	30.2	< 0.20	23.8	< 0.20	51.8	< 0.20
FGV20	< 0.20	24.8	< 0.20	21.9	< 0.20	33.8	< 0.20
FGV18	< 0.20	17.4	< 0.20	24.2	< 0.20	24.0	< 0.20
FGV17	< 0.20	22.3	< 0.20	32.3	< 0.20	15.0	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV13	-	-	-	-	-	-	-
FGV14	-	-	-	-	-	-	-
FGV15	-	-	-	-	-	-	-
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

