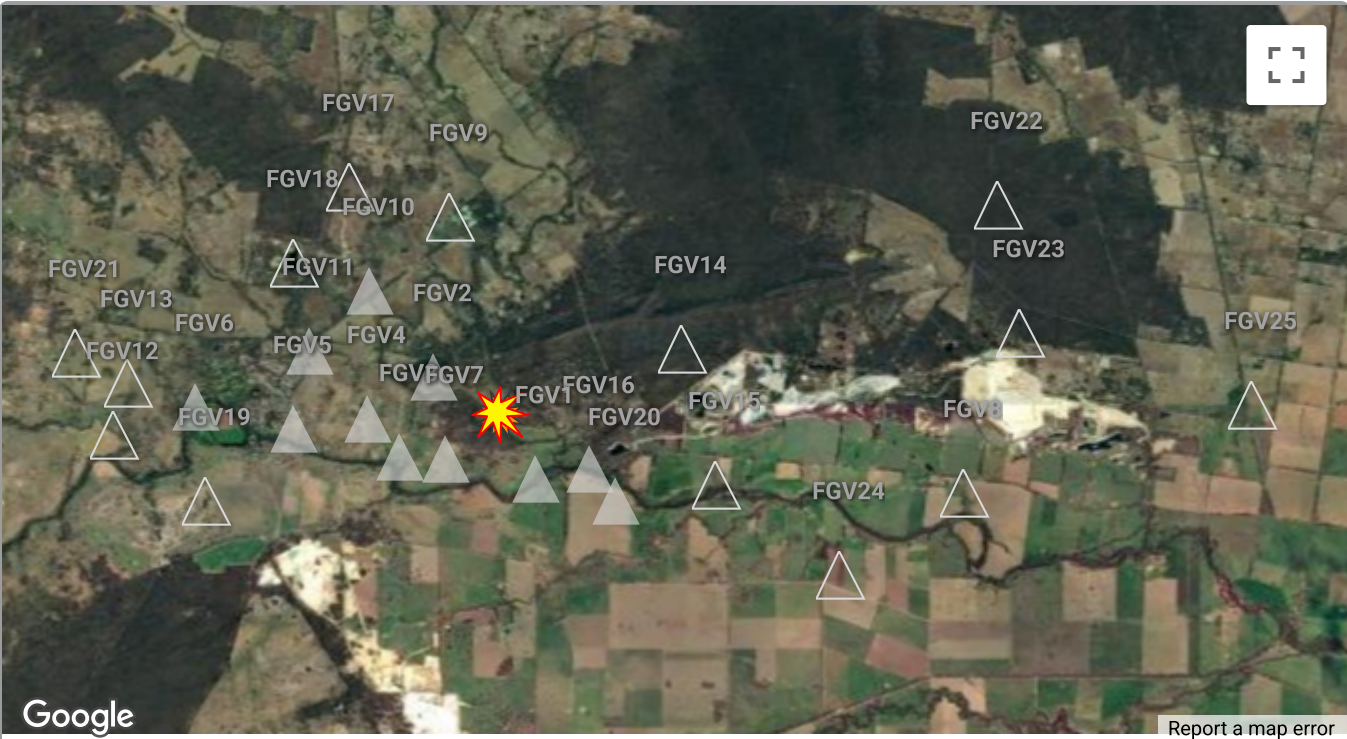




Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/08/16
Event Time	18:31:54 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1350 m
Notes	PHX 3790 LPH 6035 F1 Blast Duration 2.50 seconds

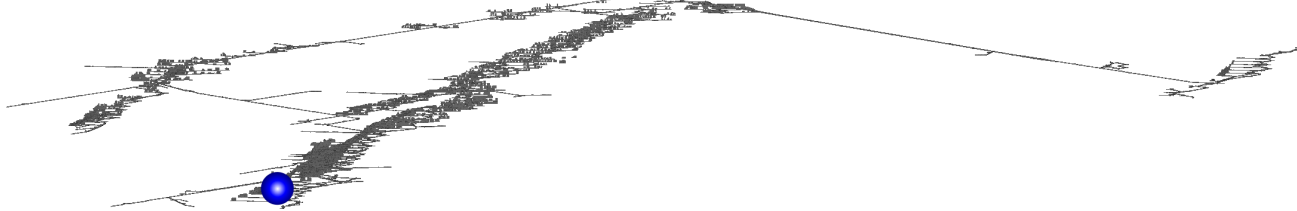
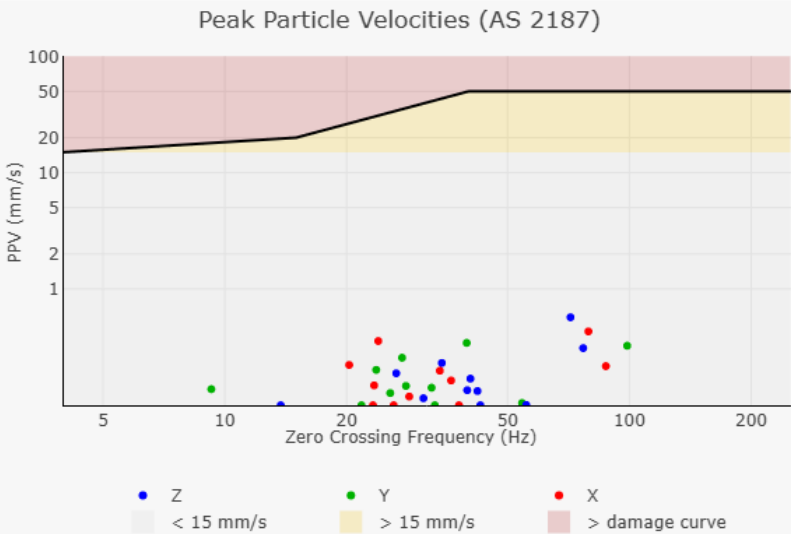


PPV Measurements

Site ID	X Component		Y Component		Z Component		Vector
	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	
FGV2	0.43	79.2	0.34	39.6	0.57	71.5	0.64
FGV4	0.22	87.5	0.32	98.8	0.31	76.9	0.46
FGV16	0.36	24	< 0.20	9.3	< 0.20	31.0	0.36
FGV1	< 0.20	23.4	0.20	23.7	0.23	34.4	0.27
FGV5	0.20	34	0.26	27.4	< 0.20	42.1	0.26
FGV7	0.22	20.3	< 0.20	28.0	< 0.20	26.5	0.24
FGV3	< 0.20	28.6	< 0.20	25.6	< 0.20	40.5	< 0.20
FGV11	< 0.20	36.3	< 0.20	32.4	< 0.20	39.7	< 0.20
FGV6	< 0.20	26.1	< 0.20	54.3	< 0.20	42.8	< 0.20
FGV10	< 0.20	37.9	< 0.20	33.0	< 0.20	55.6	< 0.20
FGV20	< 0.20	23.2	< 0.20	21.8	< 0.20	13.7	< 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



Reviewed time 2026/08/17 14:34:08

Approved time 2026/08/17 14:35:00