



Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/09/07
Event Time	06:47:13 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1170 m
Notes	PHX 3990 CYG 6390 F1 Duration: 2.12s

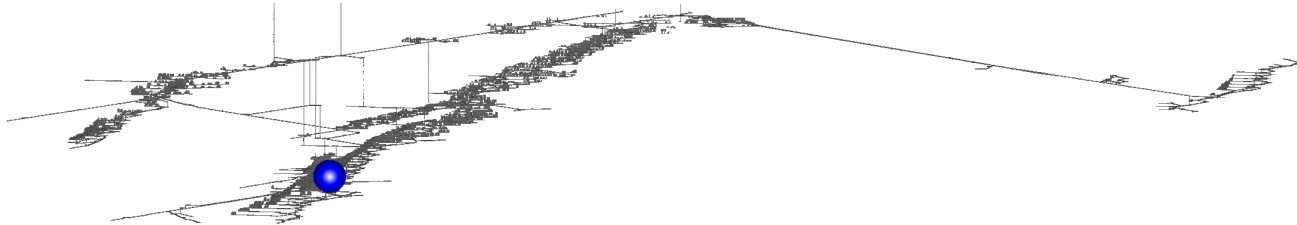
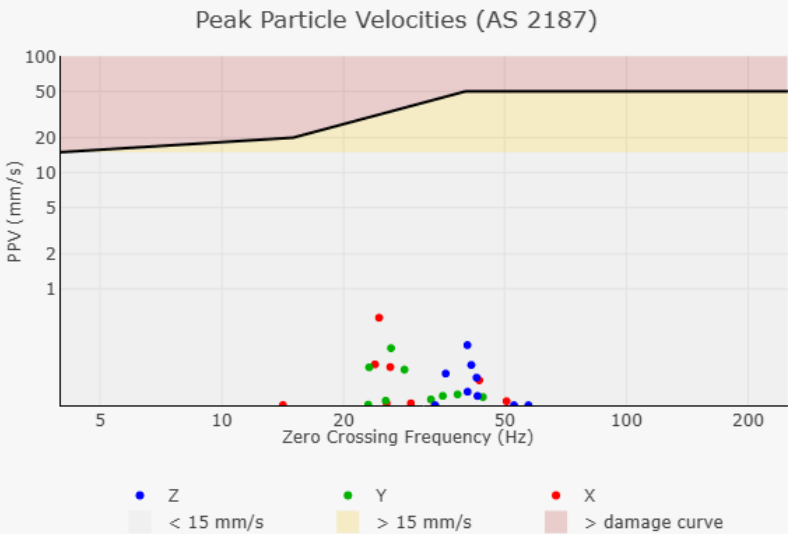


PPV Measurements

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	0.57	24.5	0.31	26.2	< 0.20	35.8	0.58
FGV1	0.22	23.9	0.20	28.3	0.33	40.5	0.35
FGV7	0.21	26.1	0.21	23.1	0.22	41.4	0.24
FGV3	< 0.20	14.2	< 0.20	25.4	< 0.20	42.6	< 0.20
FGV5	< 0.20	43.3	< 0.20	44.2	< 0.20	40.5	< 0.20
FGV4	< 0.20	33.6	< 0.20	32.9	< 0.20	42.9	< 0.20
FGV2	< 0.20	50.6	< 0.20	38.3	< 0.20	52.7	< 0.20
FGV14	< 0.20	29.3	< 0.20	35.2	< 0.20	57.3	< 0.20
FGV20	< 0.20	25.6	< 0.20	23.0	< 0.20	33.7	< 0.20
FGV6	-	-	-	-	-	-	-
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV10	-	-	-	-	-	-	-
FGV11	-	-	-	-	-	-	-
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



Reviewed time 2026/09/07 12:39:16

Approved time 2026/09/07 14:48:10