



Ground Vibration Report

Summary

Event Type	Production Blast
Magnitude	N/A
Event Date	2026/08/27
Event Time	18:40:47 Australia/Melbourne
Location	Phoenix
Distance Below Surface	~1400 m
Notes	PHX 3765 LPH 5990 F2 - Blast Duration 0.96 seconds



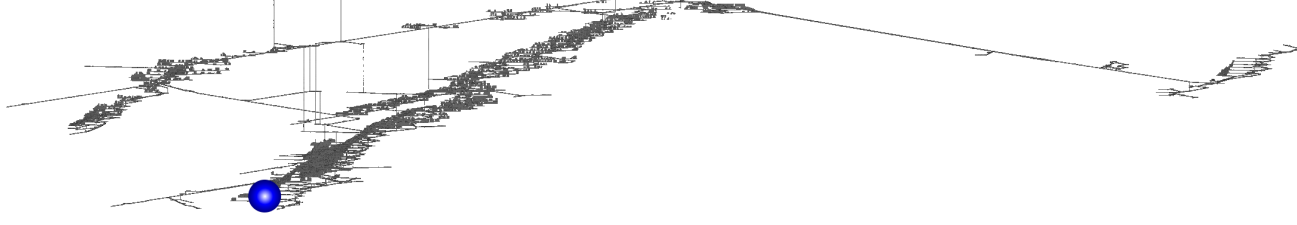
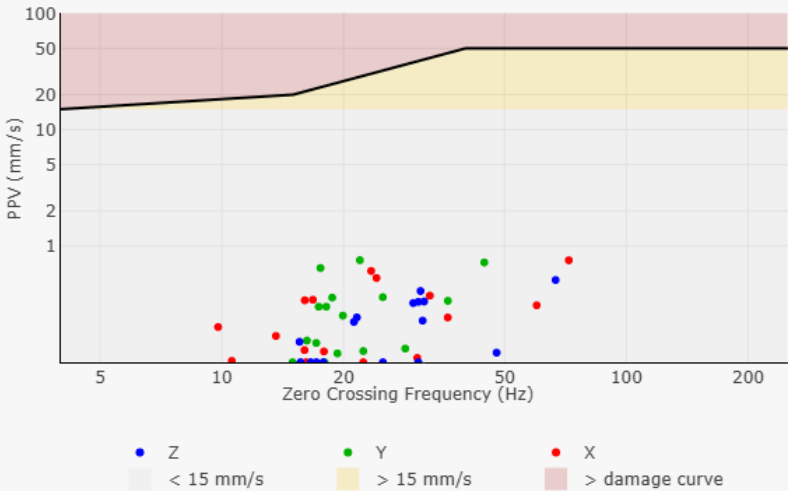
Google

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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

Peak Particle Velocities (AS 2187)



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	0.75	72.1	0.72	44.5	0.51	66.8	0.98
FGV1	0.53	24.1	0.75	21.9	0.33	30.6	0.78
FGV7	0.34	16	0.65	17.5	0.32	29.7	0.73
FGV16	0.61	23.4	0.36	18.7	0.41	31.0	0.62
FGV4	0.31	60	0.34	36.2	0.33	31.6	0.41
FGV5	0.37	32.7	0.30	18.1	0.23	31.4	0.40
FGV11	0.24	36.2	0.36	25.0	0.22	21.2	0.37
FGV3	0.34	16.8	0.25	19.9	0.24	21.6	0.37
FGV20	0.20	9.8	0.30	17.4	< 0.20	15.6	0.31
FGV15	< 0.20	13.6	< 0.20	28.4	< 0.20	16.6	0.21
FGV18	< 0.20	17.9	< 0.20	17.1	< 0.20	17.1	< 0.20
FGV10	< 0.20	22.4	< 0.20	16.2	< 0.20	47.8	< 0.20
FGV6	< 0.20	16	< 0.20	19.3	< 0.20	25.0	< 0.20
FGV14	< 0.20	30.4	< 0.20	22.4	< 0.20	30.6	< 0.20
FGV17	< 0.20	10.6	< 0.20	17.9	< 0.20	15.7	< 0.20
FGV13	< 0.20	16.1	< 0.20	15.0	< 0.20	17.8	< 0.20
FGV8	-	-	-	-	-	-	-
FGV9	-	-	-	-	-	-	-
FGV12	-	-	-	-	-	-	-
FGV19	-	-	-	-	-	-	-
FGV21	-	-	-	-	-	-	-
FGV22	-	-	-	-	-	-	-
FGV23	-	-	-	-	-	-	-
FGV24	-	-	-	-	-	-	-
FGV25	-	-	-	-	-	-	-



Reviewed time 2026/08/28 05:47:49

Approved time 2026/09/03 07:11:43