AGNICO EAGLE

Ground Vibration Report

Summary

Event Type	Seismic Event
Magnitude	2.1
Event Date	2026/10/25
Event Time	07:26:29 Australia/Melbourne
Location	PHOENIX
Distance Below Surface	~1490 m
Notes	PHX 3665 CYG ACC

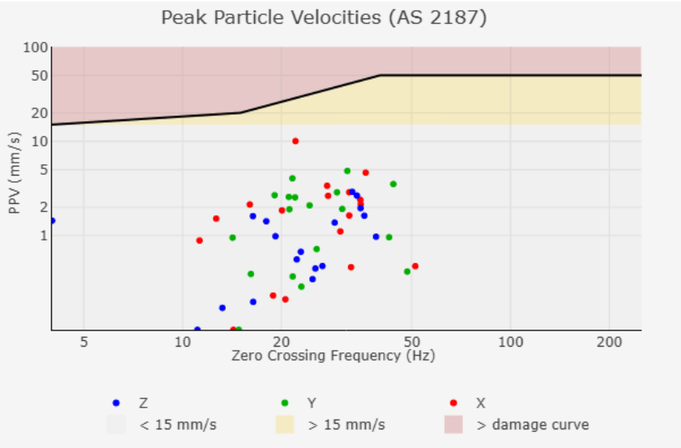


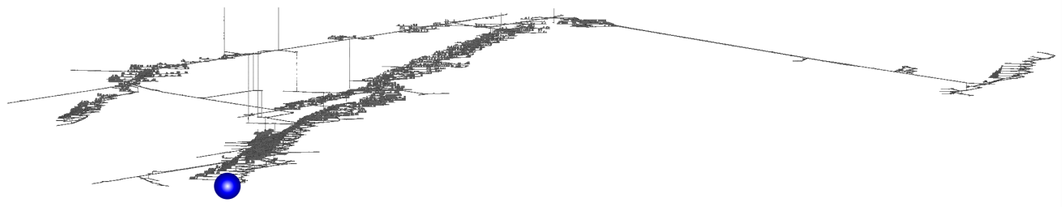
PPV Measurements

Site ID	X Component		Y Component		Z Component		Vector
	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	PPV (mm/s)	Freq (Hz)	PPV (mm/s)
FGV16	10.03	22.1	2.54	22.0	1.37	29.1	**10.21**
FGV2	4.65	36.2	3.51	43.9	1.95	34.9	**5.37**
FGV11	2.39	34.8	4.85	31.8	2.91	32.9	**4.92**
FGV1	2.64	27.8	4.04	21.6	2.65	34.0	**4.53**
FGV7	3.37	27.6	2.57	21.1	1.61	16.4	**3.75**
FGV10	2.88	32.2	1.91	30.7	0.97	38.9	**3.43**
FGV4	1.63	32.2	2.88	29.6	1.44	0.9	**2.92**
FGV20	1.51	12.7	2.68	19.1	1.42	18.0	**2.76**
FGV5	2.14	34.9	2.09	24.4	1.62	35.8	**2.27**
FGV18	2.13	16	1.90	21.2	0.98	19.2	**2.24**
FGV15	1.85	20.1	0.95	14.2	0.56	22.3	**2.04**
FGV14	1.11	30.3	0.72	25.6	0.48	26.7	**1.14**
FGV6	0.47	51.2	0.96	42.6	0.67	22.9	**1.14**
FGV17	0.89	11.3	0.39	16.2	0.34	24.9	**0.89**
FGV13	0.46	32.6	0.29	23.0	0.45	25.4	**0.51**
FGV19	0.23	18.9	0.41	48.4	0.20	16.4	**0.42**
FGV8	0.21	20.6	0.37	21.7	< 0.20	13.2	**0.41**
FGV22	< 0.20	14.3	< 0.20	14.8	< 0.20	11.1	**< 0.20**
FGV25	-	-	-	-	-	-	**-**
FGV24	-	-	-	-	-	-	**-**
FGV23	-	-	-	-	-	-	**-**
FGV21	-	-	-	-	-	-	**-**
FGV12	-	-	-	-	-	-	**-**
FGV9	-	-	-	-	-	-	**-**
FGV3	-	-	-	-	-	-	**-**

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





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