



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 7784 v6.13
Date: 07/07/2020 12:52:24 (UTC-4)
Event No: 6
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet
Location: 166 Lawson Ave.
Distance:
Operator: GeoSonics GSM
Comment: Acushnet, MA
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db

	Summary Data		
	L	T	V
PPV (in/s)	0.073	0.068	0.053
FREQ (Hz)	20.0	18.5	55.6
PD (.001")	0.49	0.45	0.17
PPA (g)	0.065	0.065	0.059
Peak Vector Sum :	0.090 in/s		
Peak Air Pressure:	114 db		
	0.00153 PSI @ 1.5 Hz		

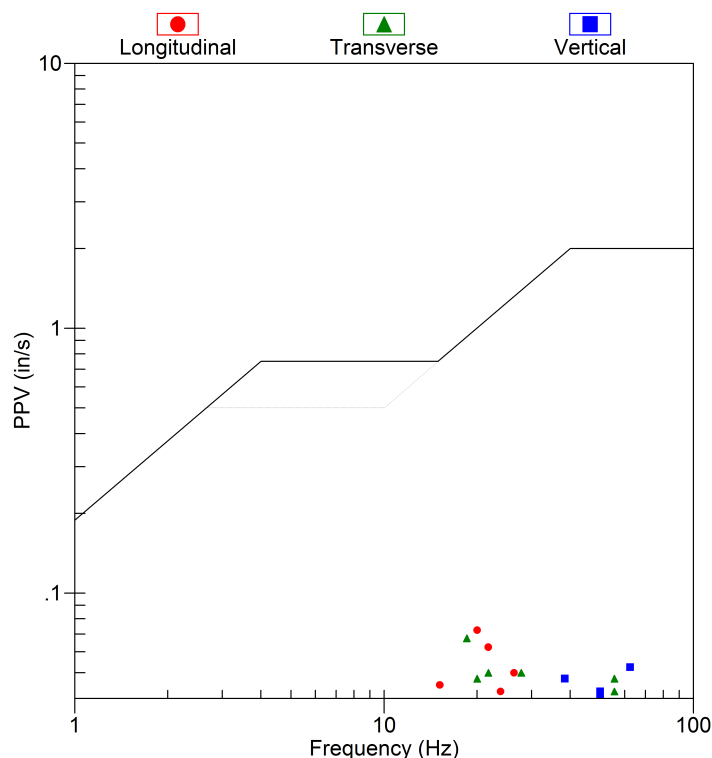
Additional Info:
18ft E of Shed
j-GEO-24006
41 40 14.0, -70 54 03.7

Shaketable Calibrated: 06/25/2020
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

USBM Safe Blasting Levels

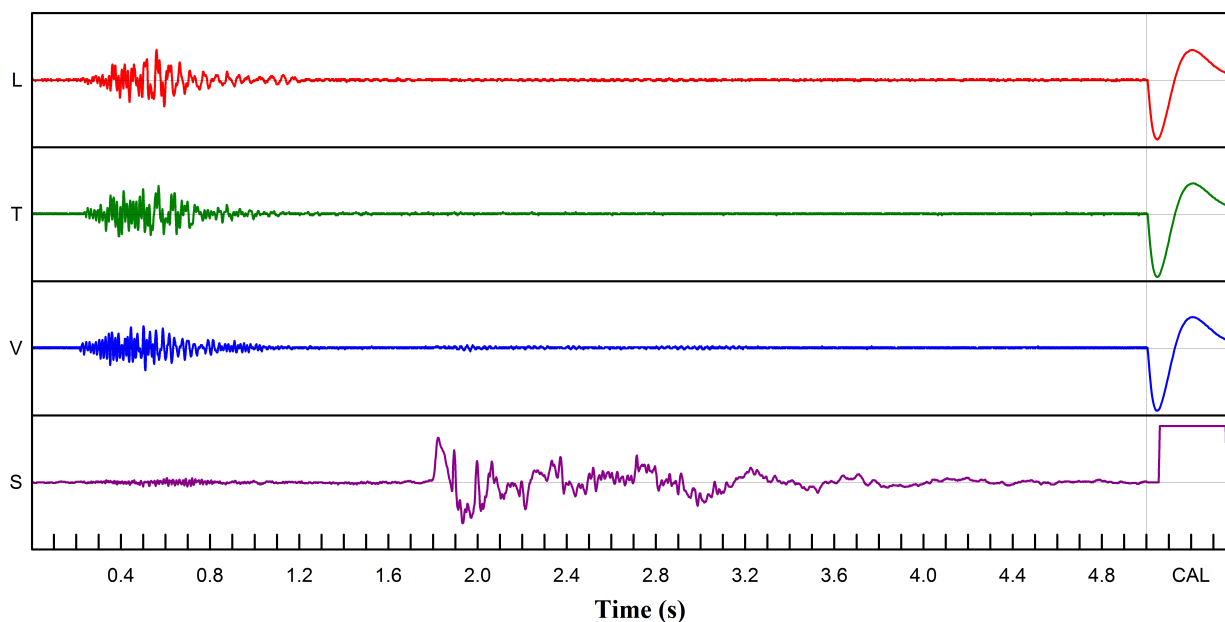
SN: 7784 Event: 6



Most Significant: 0.068 in/s 18.5 Hz 7.3%

Velocity Waveform

SN: 7784 Event: 6





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 7267 v6.13
Date: 07/07/2020 12:52:24 (UTC-4)
Event No: 2
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet
Location: NE Property Line
Distance:
Operator: GeoSonics GSM
Comment: Acushnet, MA
Seismic Trigger: 0.050 in/s
Sound Trigger: 129 db

	Summary Data		
	L	T	V
PPV (in/s)	0.165	0.168	0.138
FREQ (Hz)	83.3	45.5	62.5
PD (.001")	0.50	0.52	0.41
PPA (g)	0.215	0.182	0.182
Peak Vector Sum :	0.205 in/s		
Peak Air Pressure:	127 db		
	0.00651 PSI @ 3.8 Hz		

Additional Info:

j-GEO-18700
41 40 39.6, -70 53 39.6

Shaketable Calibrated: 06/25/2020

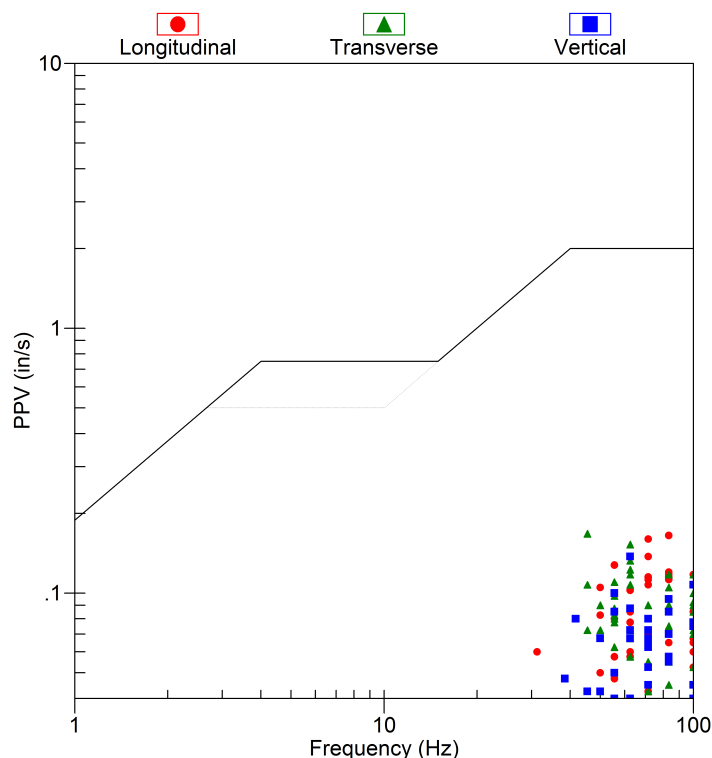
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

SN: 7267 Event: 2



Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.168 in/s 45.5 Hz 8.4%

Velocity Waveform

SN: 7267 Event: 2

