



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 7267 v6.13
Date: 07/14/2020 12:53:52 (UTC-4)
Event No: 3
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)	0.143	0.170	0.160
FREQ (Hz)	71.4	55.6	71.4
PD (.001")	0.34	0.56	0.39
PPA (g)	0.156	0.202	0.215
Peak Vector Sum :	0.200 in/s		
Peak Air Pressure:	127 db		
	0.00661 PSI @ 1.4 Hz		

Additional Info:

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

Shaketable Calibrated: 06/25/2020

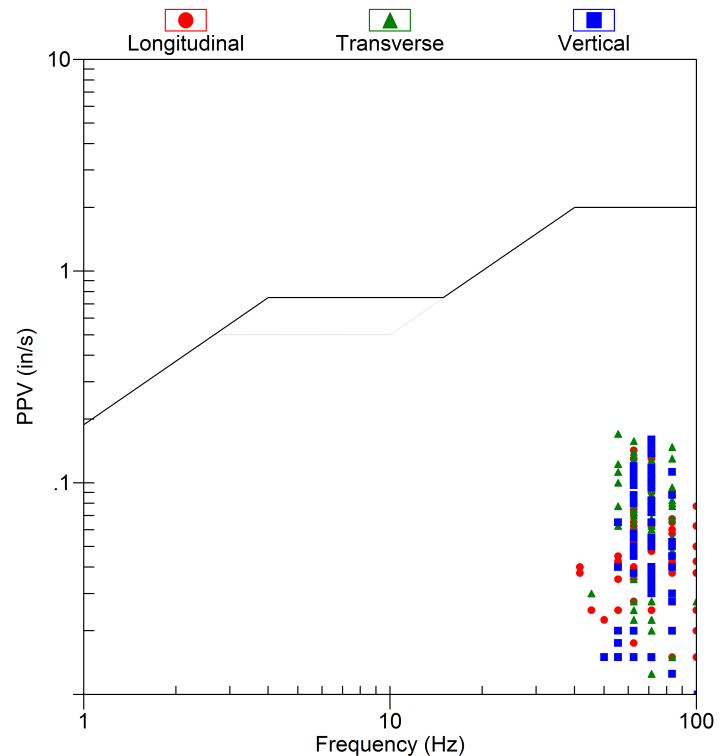
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

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: 3

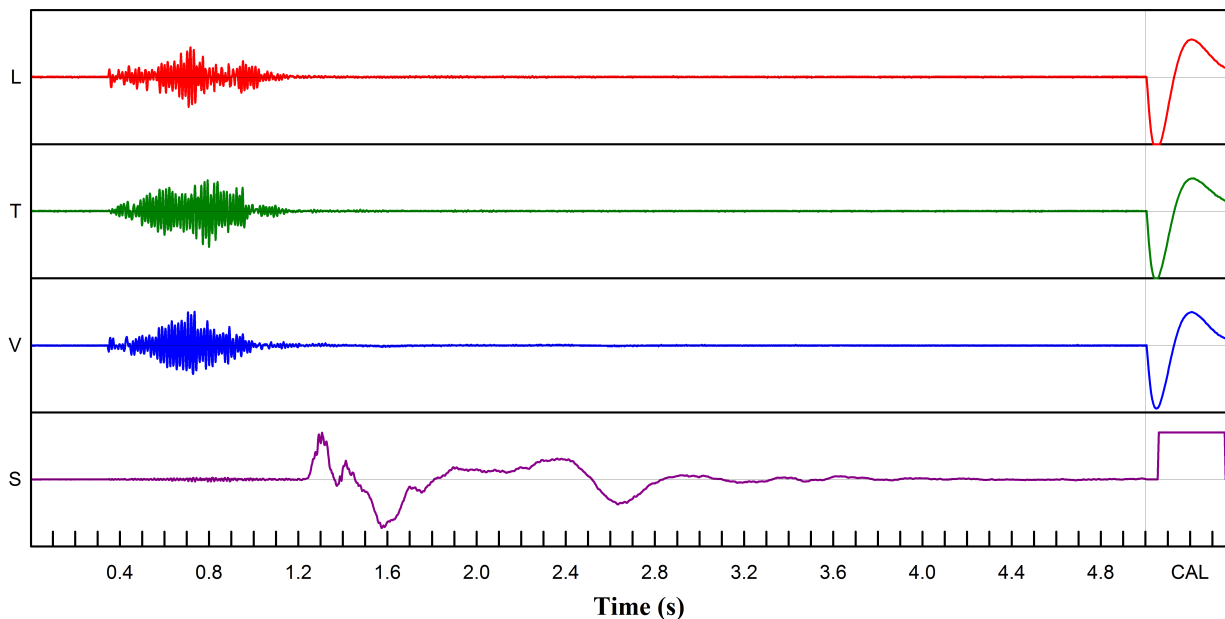


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.170 in/s 55.6 Hz 8.5%

Velocity Waveform

SN: 7267 Event: 3





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 7784 v6.13
Date: 07/14/2020 12:53:52 (UTC-4)
Event No: 8
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)	0.075	0.085	0.068
FREQ (Hz)	23.8	45.5	62.5
PD (.001")	0.46	0.55	0.20
PPA (g)	0.052	0.078	0.078
Peak Vector Sum :	0.100 in/s		
Peak Air Pressure:	108 db		
	0.00075 PSI @ 5.6 Hz		

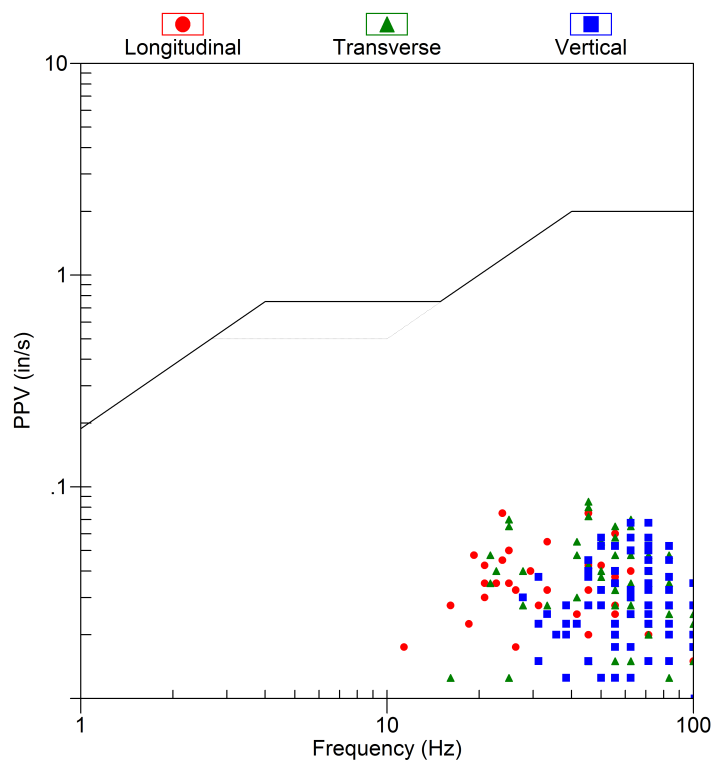
Additional Info:
18ft E of Shed
j-GEO-24006
41 40 14.0, -70 54 03.7

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: 8



Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.075 in/s 23.8 Hz 6.3%

Velocity Waveform

SN: 7784 Event: 8

