



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 7267 v6.13
Date: 09/29/2020 13:00:37 (UTC-4)
Event No: 6
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)	0.095	0.073	0.070
FREQ (Hz)	62.5	27.8	71.4
PD (.001")	0.55	0.42	0.33
PPA (g)	0.104	0.078	0.078
Peak Vector Sum :	0.103 in/s		
Peak Air Pressure:	129 db		
	0.00804 PSI @ 3.4 Hz		

Additional Info:

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

Shaketable Calibrated: 06/25/2020

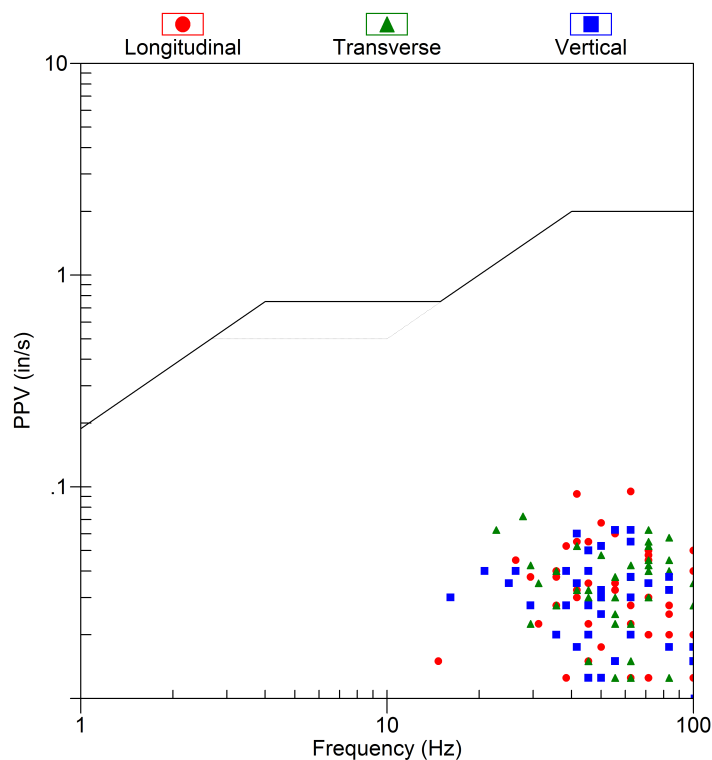
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

SN: 7267 Event: 6

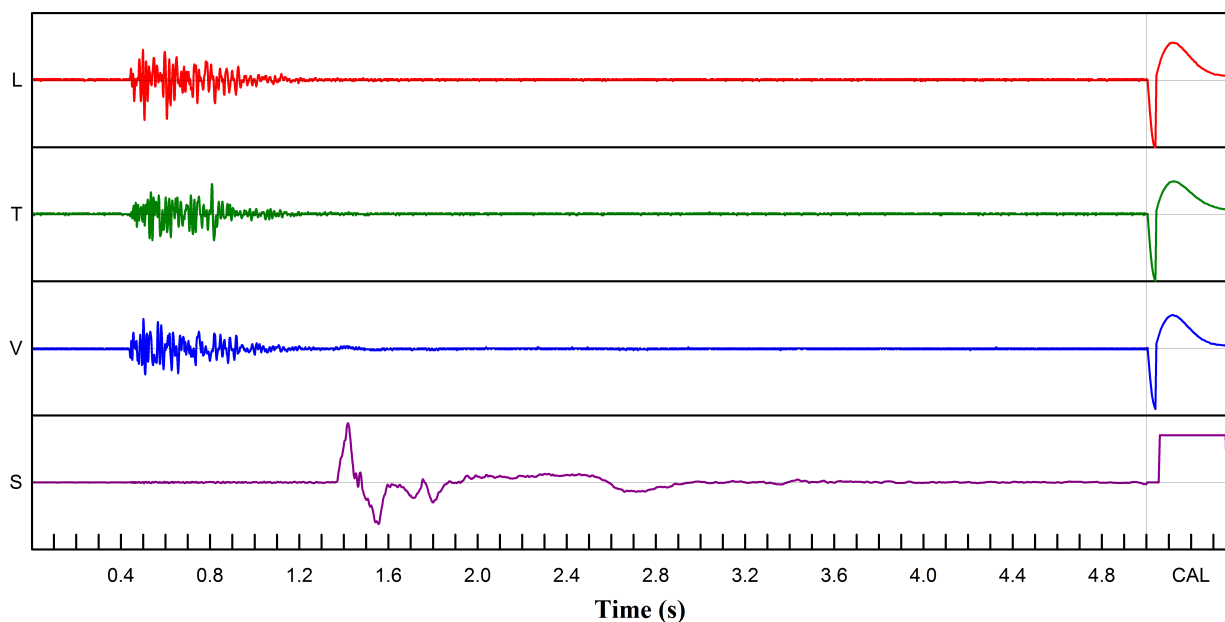


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.063 in/s 22.7 Hz 5.5%

Velocity Waveform

SN: 7267 Event: 6





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 7784 v6.13
Date: 09/29/2020 13:00:37 (UTC-4)
Event No: 18
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)	0.060	0.075	0.130
FREQ (Hz)	55.6	71.4	62.5
PD (.001")	0.41	0.41	0.38
PPA (g)	0.065	0.085	0.124
Peak Vector Sum :	0.133 in/s		
Peak Air Pressure:	111 db		
	0.00100 PSI @ 1.6 Hz		

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

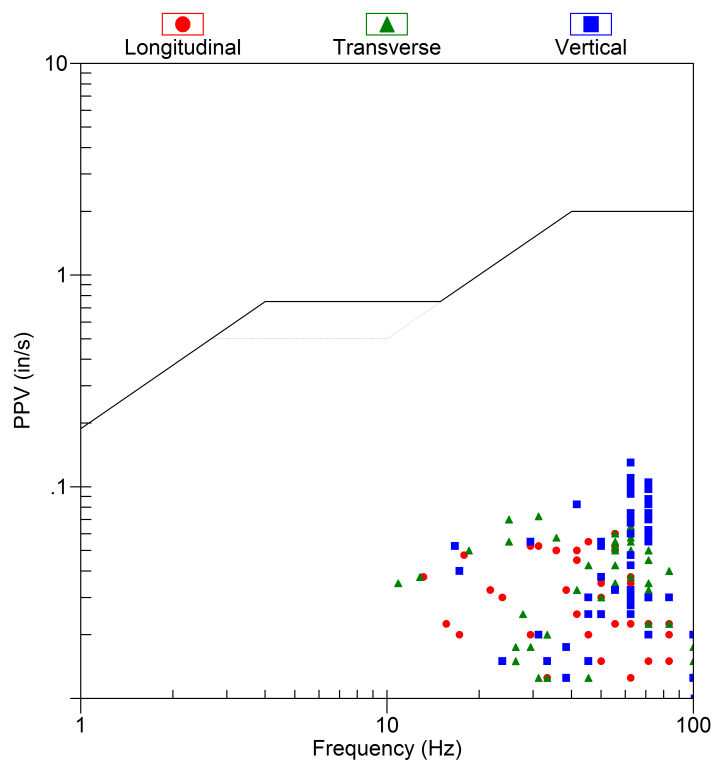
Shaketable Calibrated: 06/25/2020
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

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: 18



Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.130 in/s 62.5 Hz 6.5%

Velocity Waveform

SN: 7784 Event: 18

