



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11236 v10.27
Date: 06/16/2020 11:31:18 (UTC-4)
Event No: 99
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet Quarry
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)	0.330	0.318	0.255
FREQ (Hz)	41.7	71.4	45.5
PD (.001")	2.38	1.10	1.25
PPA (g)	0.592	0.723	0.514
Peak Vector Sum :	0.405 in/s		
Peak Air Pressure:	122 db		
	0.00374 PSI @ 2.3 Hz		

Additional Info:

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

Shaketable Calibrated: 10/30/2019

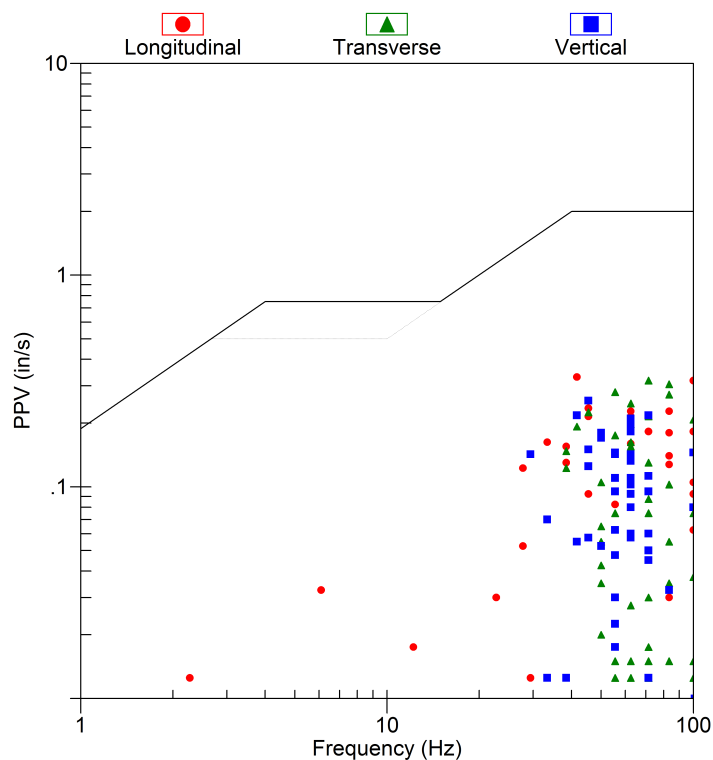
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.640 in/s
Sound Scale: +/- 0.0045 PSI

USBM Safe Blasting Levels

SN: 11236 Event: 99

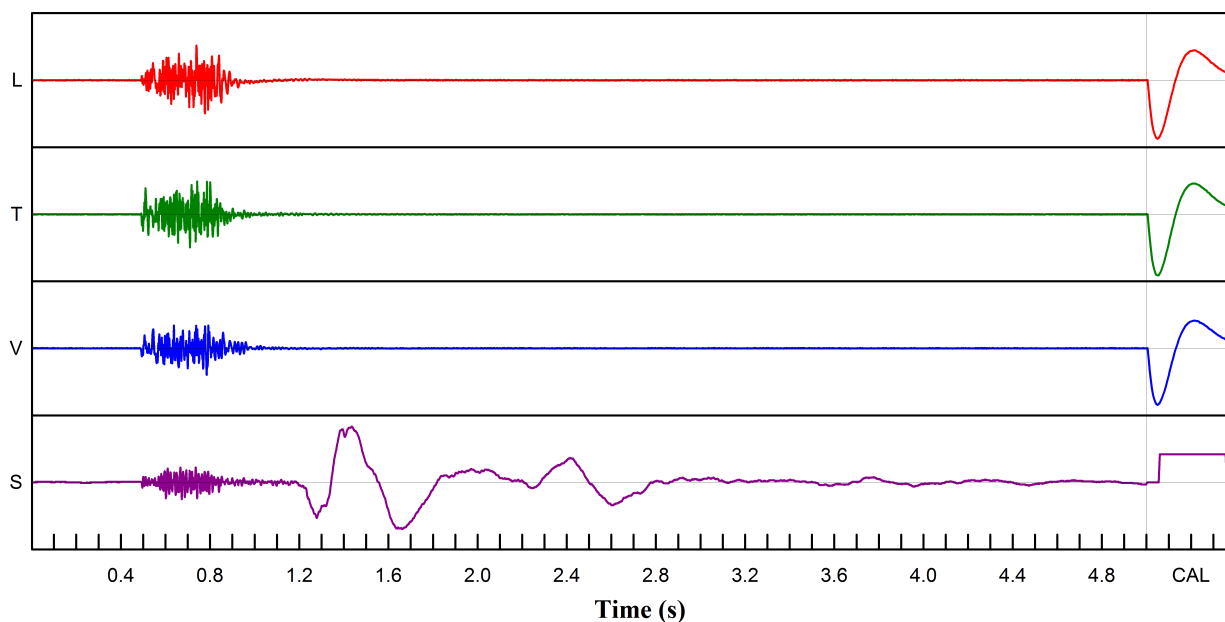


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.330 in/s 41.7 Hz 16.5%

Velocity Waveform

SN: 11236 Event: 99





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 06/16/2020 11:31:16 (UTC-4)
Event No: 283
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet Quarry
Location: 166 Lawson Ave
Distance:
Operator: GeoSonics GSM
Comment: 18ft E of Shed
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db

	Summary Data		
	L	T	V
PPV (in/s)	0.038	0.060	0.030
FREQ (Hz)	19.2	16.7	25.0
PD (.001")	0.32	0.50	0.17
PPA (g)	0.026	0.033	0.026
Peak Vector Sum :	0.065 in/s		
Peak Air Pressure:	124 db		
	0.00438 PSI @ 4.4 Hz		

Additional Info:

j-GEO-24006
41 40 14, -70 54 04

Shaketable Calibrated: 06/30/2019

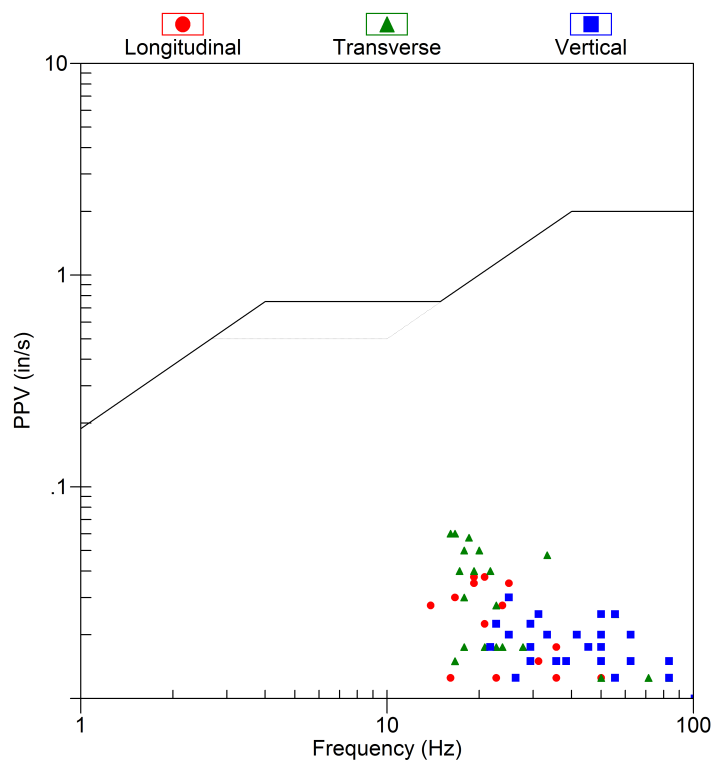
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0045 PSI

USBM Safe Blasting Levels

SN: 11212 Event: 283



Most Significant: 0.060 in/s 16.1 Hz 7.4%

Velocity Waveform

SN: 11212 Event: 283

