



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 02/25/2020 11:33:46 (UTC-5)
Event No: 186
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

USBM Safe Blasting Levels

SN: 11212 Event: 186

	Summary Data		
	L	T	V
PPV (in/s)	0.043	0.075	0.043
FREQ (Hz)	15.6	17.2	17.9
PD (.001")	0.40	0.70	0.24
PPA (g)	0.026	0.026	0.026
Peak Vector Sum :	0.078 in/s		
Peak Air Pressure:	122 db		
	0.00388 PSI @ 10.2 Hz		

Additional Info:

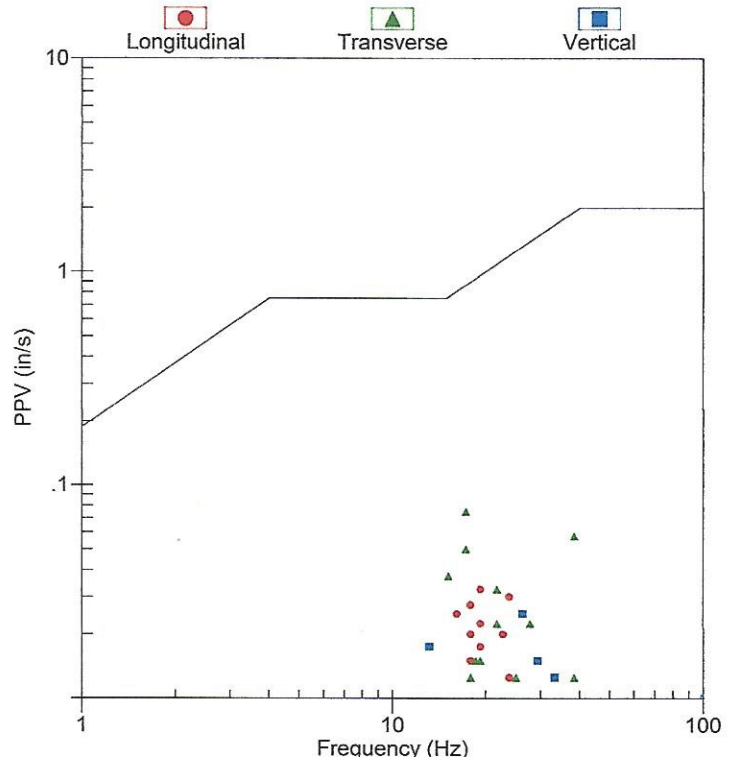
j-GEO-24006
41 40 14, -70 54 04

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

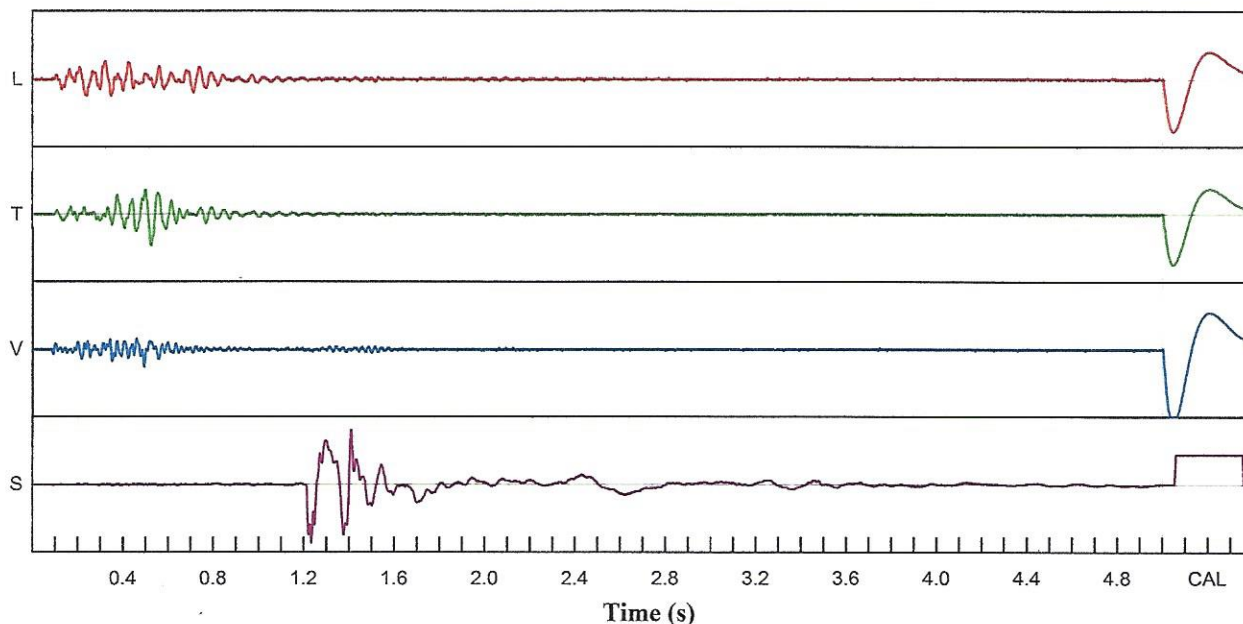
Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0045 PSI



Most Significant: 0.075 in/s 17.2 Hz 8.7%

Velocity Waveform

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GeoSonics Inc. Seismic Analysis

Stop Event Report

Serial No: 11236 v10.27
Client: PJ Keating
Operation: Acushnet Quarry
Location: NE Property Line
Distance:
Operator: GeoSonics GSM
Comment: Acushnet, MA

Begin Date: 02/25/2020 08:03:48 (UTC-5)
End Date: 02/25/2020 11:53:30 (UTC-5)
Events over Trigger: 0 (0-1)
Record Time: 5.0 s
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db
Battery Level: 8.2

Additional Info:
VIRTUAL CHECK
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

Dynamic Calibration Graph:



Cal Test Results:

Longitudinal:	Pass
Transverse:	Pass
Vertical:	Pass
Sound:	Pass