



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
 Date: 12/11/2019 14:23:16 (UTC-5)
 Event No: 2
 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)	0.415	0.365	0.223
FREQ (Hz)	20.0	18.5	26.3
PD (.001")	3.55	3.12	1.39
PPA (g)	0.137	0.124	0.143
Peak Vector Sum :	0.428 in/s		
Peak Air Pressure:	119 db		
	0.00292 PSI @ 2.0 Hz		

Additional Info:

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

Shaketable Calibrated: 06/30/2019

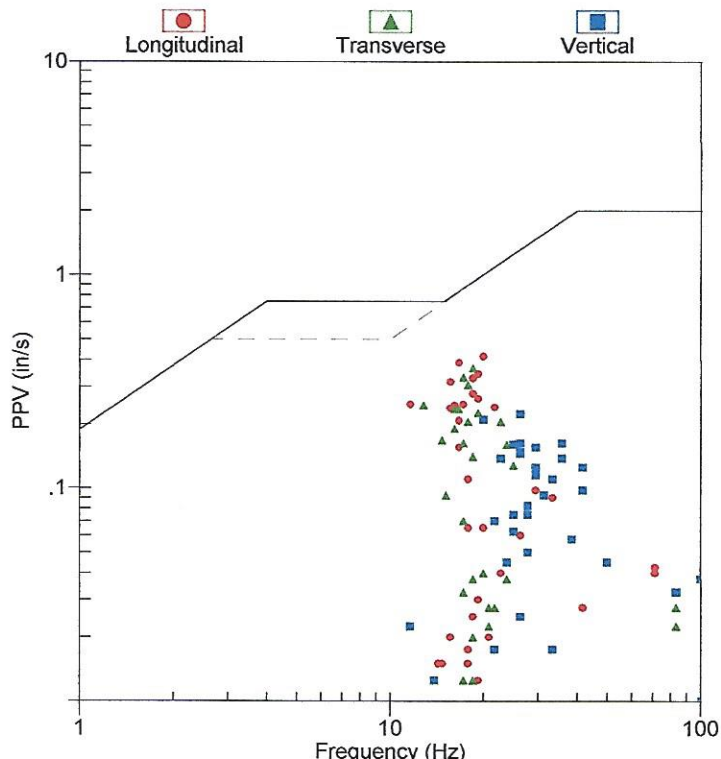
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

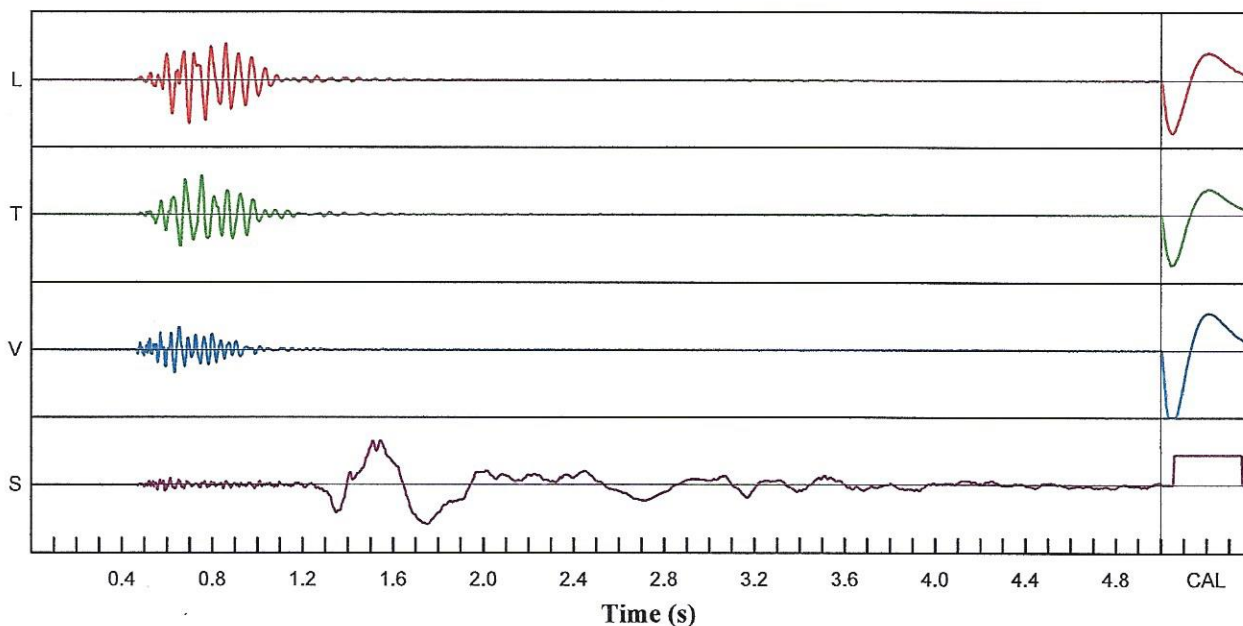
USBM Safe Blasting Levels

SN: 11212 Event: 2



Velocity Waveform

SN: 11212 Event: 2





GeoSonics Inc. Seismic Analysis

Stop Event Report

Serial No: 11213 v10.27
Client: PJ Keating
Operation: Acushnet Quarry
Location: NE Property Line
Distance:
Operator: GeoSonics GSM
Comment: Acushnet, MA

Begin Date: 12/11/2019 08:03:29 (UTC-5)
End Date: 12/11/2019 14:50:34 (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: 01/22/2019
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