



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 09/10/2019 12:58:34 (UTC-4)
Event No: 3
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)	0.238	0.160	0.143
FREQ (Hz)	21.7	20.8	26.3
PD (.001")	1.61	1.19	0.74
PPA (g)	0.124	0.085	0.117
Peak Vector Sum :	0.270 in/s		
Peak Air Pressure:	124 db		
	0.00441 PSI @ 9.8 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

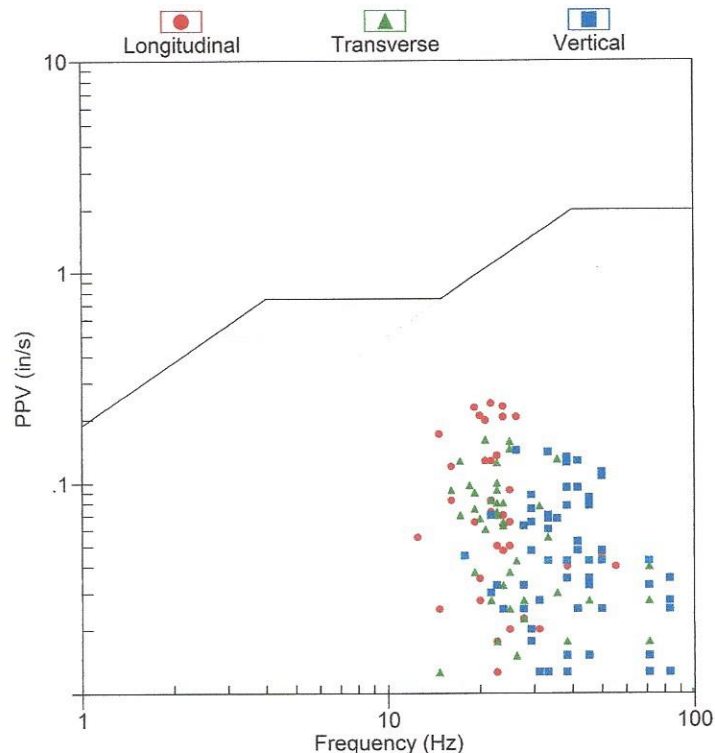
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0045 PSI

USBM Safe Blasting Levels

SN: 11560 Event: 3

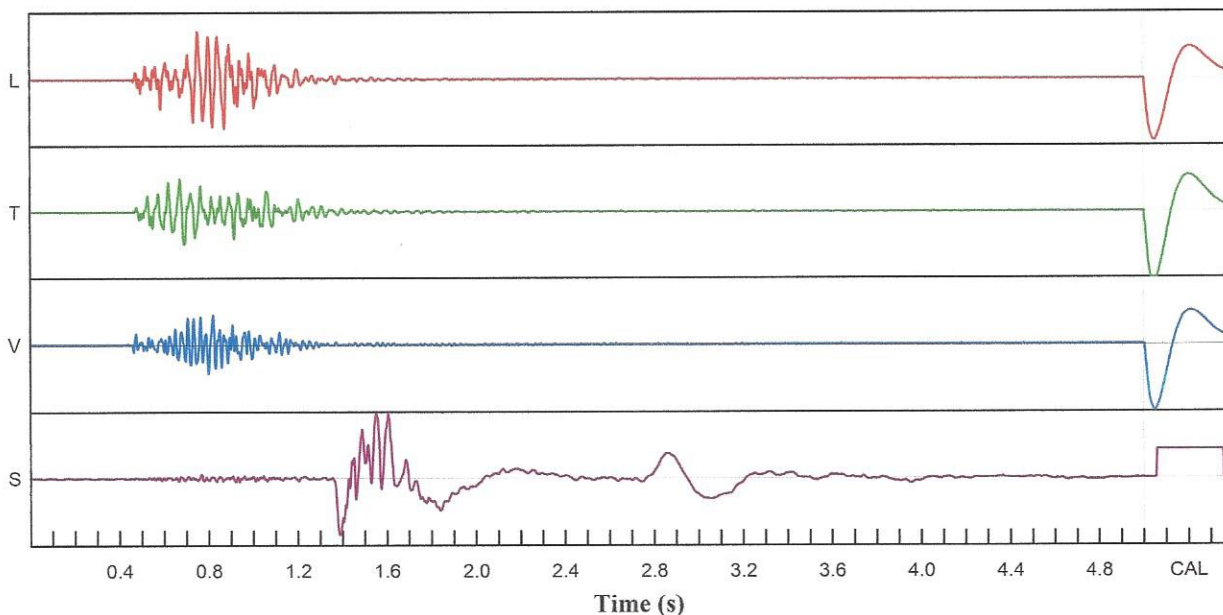


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.228 in/s 19.2 Hz 23.5%

Velocity Waveform

SN: 11560 Event: 3





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: 09/10/2019 08:03:29 (UTC-4)
End Date: 09/10/2019 14:15:12 (UTC-4)
Events over Trigger: 0 (0-1)
Record Time: 5.0 s
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db
Battery Level: 8.3

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