



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 12/18/2019 13:30:17 (UTC-5)
Event No: 8
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)	0.173	0.245	0.148
FREQ (Hz)	18.5	17.9	20.0
PD (.001")	1.70	2.08	1.04
PPA (g)	0.078	0.104	0.078
Peak Vector Sum :	0.265 in/s		
Peak Air Pressure:	123 db		
	0.00424 PSI @ 5.5 Hz		

Additional Info:

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

Shaketable Calibrated: 06/30/2019

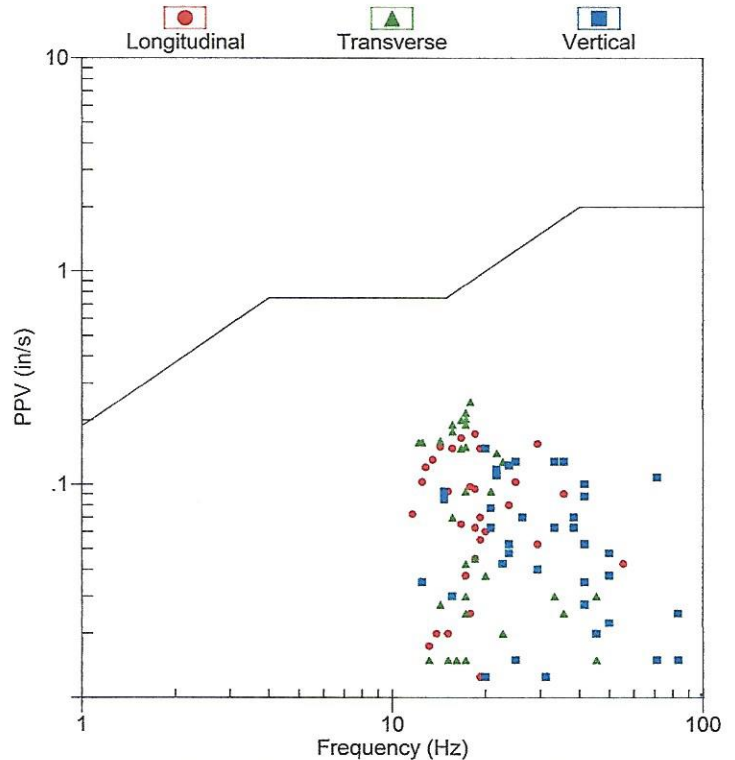
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

USBM Safe Blasting Levels

SN: 11212 Event: 8

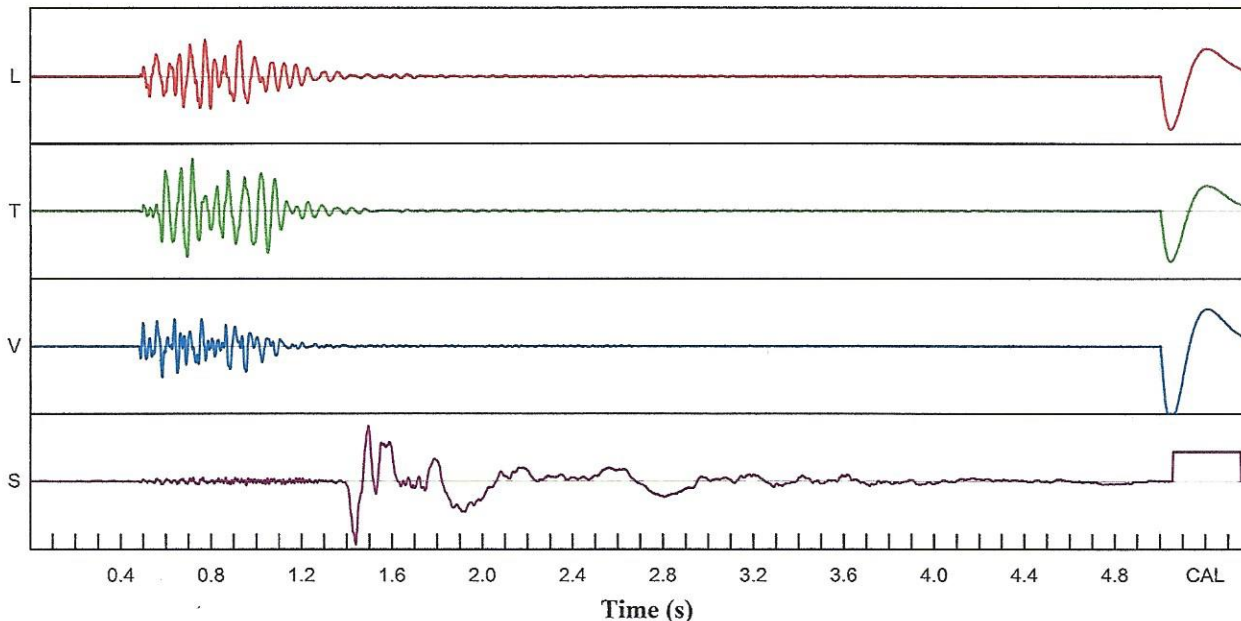


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.245 in/s 17.9 Hz 27.3%

Velocity Waveform

SN: 11212 Event: 8





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: 12/18/2019 08:03:21 (UTC-5)
End Date: 12/18/2019 16:02:35 (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