



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 02/18/2020 13:00:08 (UTC-5)
Event No: 185
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

	Summary Data		
	L	T	V
PPV (in/s)	0.048	0.075	0.035
FREQ (Hz)	12.8	17.2	18.5
PD (.001")	0.44	0.70	0.29
PPA (g)	0.026	0.039	0.020
Peak Vector Sum :	0.080 in/s		

Additional Info:

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

Shaketable Calibrated: 06/30/2019

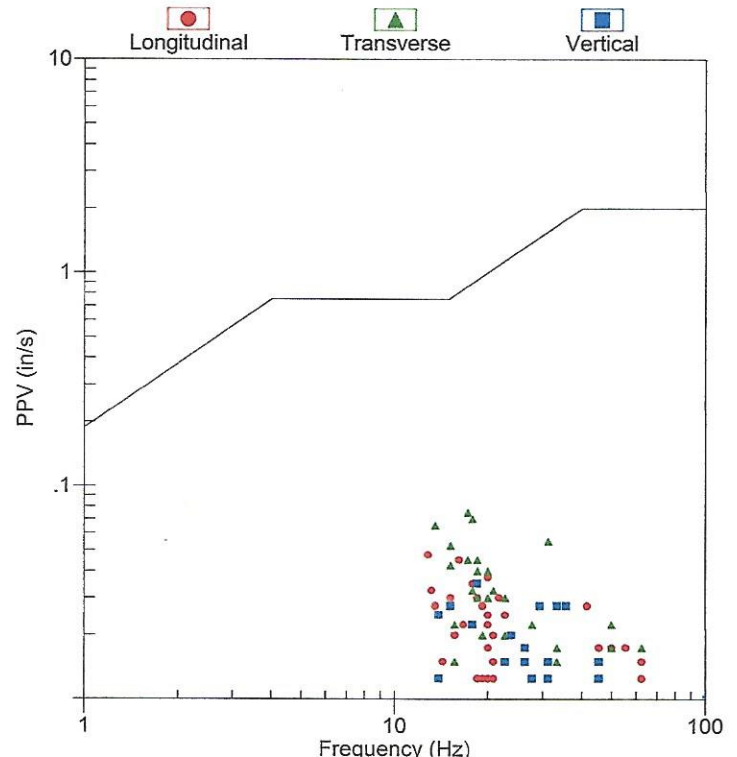
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s

USBM Safe Blasting Levels

SN: 11212 Event: 185

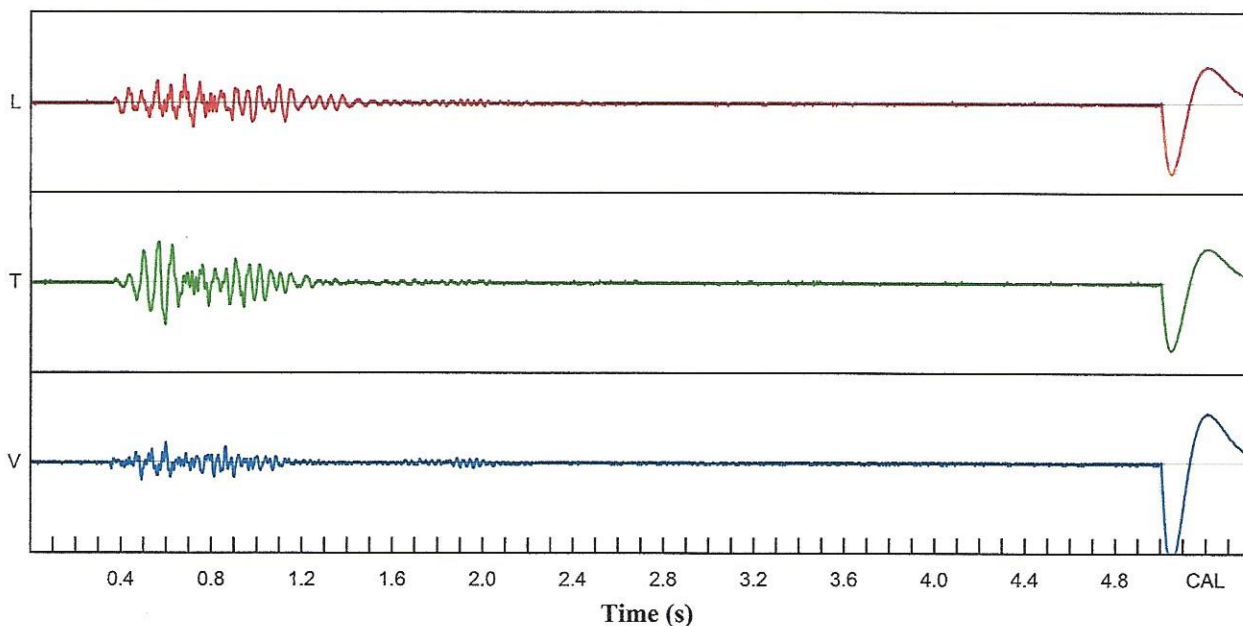


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.065 in/s 13.5 Hz 9.6%

Velocity Waveform

SN: 11212 Event: 185





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: 02/18/2020 08:03:41 (UTC-5)
End Date: 02/18/2020 13:20:55 (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