



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 02/06/2020 10:54:30 (UTC-5)
Event No: 47
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)	0.060	0.063	0.040
FREQ (Hz)	13.5	16.7	41.7
PD (.001")	0.64	0.59	0.24
PPA (g)	0.026	0.026	0.033
Peak Vector Sum :	0.073 in/s		
Peak Air Pressure:	124 db		
	0.00495 PSI @ 6.5 Hz		

Additional Info:

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

Shaketable Calibrated: 06/30/2019

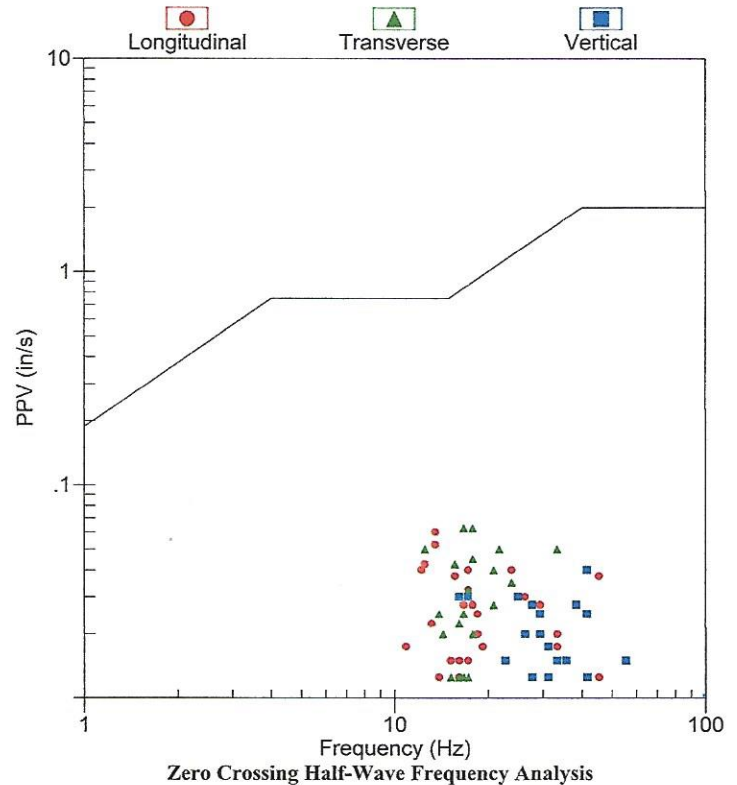
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

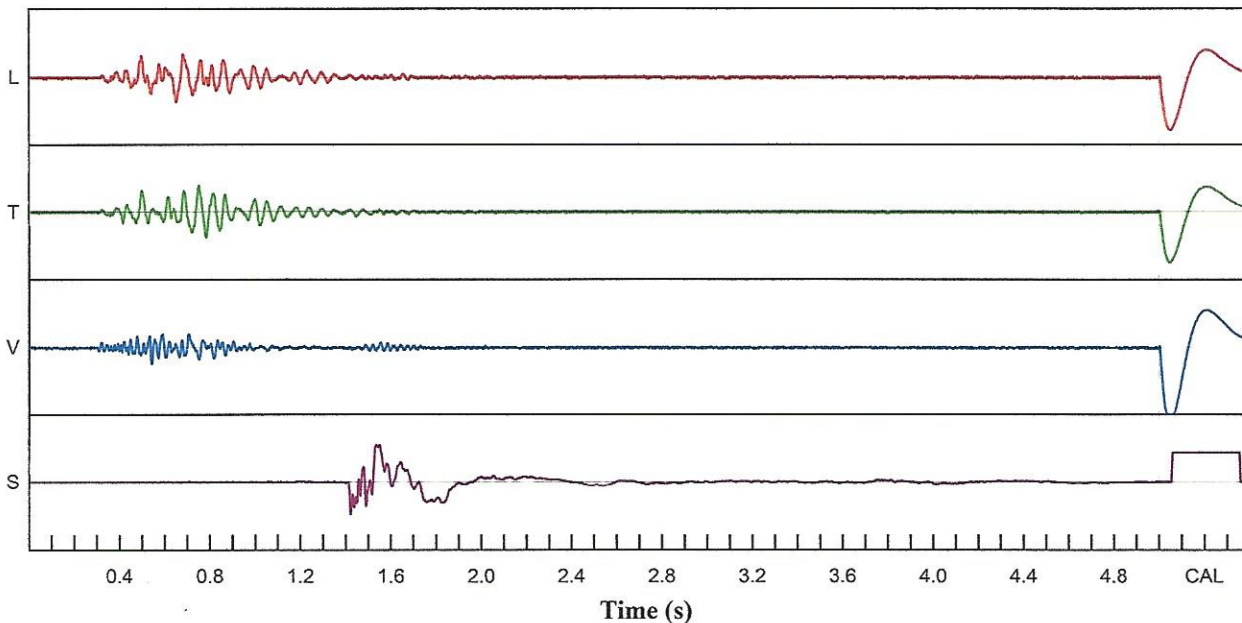
SN: 11212 Event: 47



Most Significant: 0.060 in/s 13.5 Hz 8.8%

Velocity Waveform

SN: 11212 Event: 47





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: 02/06/2020 08:00:53 (UTC-5)
End Date: 02/06/2020 11:43:26 (UTC-5)
Events over Trigger: 0 (2-1)
Record Time: 5.0 s
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db
Battery Level: 8.1

Additional Info:

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

Cal Test Results:

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