



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 10/31/2019 12:56:33 (UTC-4)
Event No: 34
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)	0.265	0.255	0.118
FREQ (Hz)	14.3	16.1	27.8
PD (.001")	2.58	2.40	0.79
PPA (g)	0.130	0.111	0.078
Peak Vector Sum :	0.348 in/s		
Peak Air Pressure:	123 db		
	0.00434 PSI @ 2.5 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

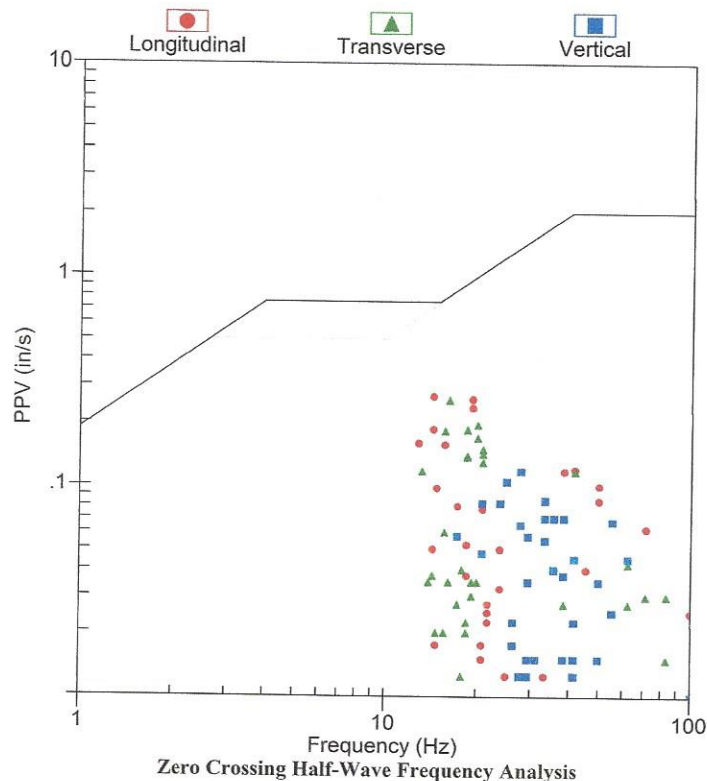
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

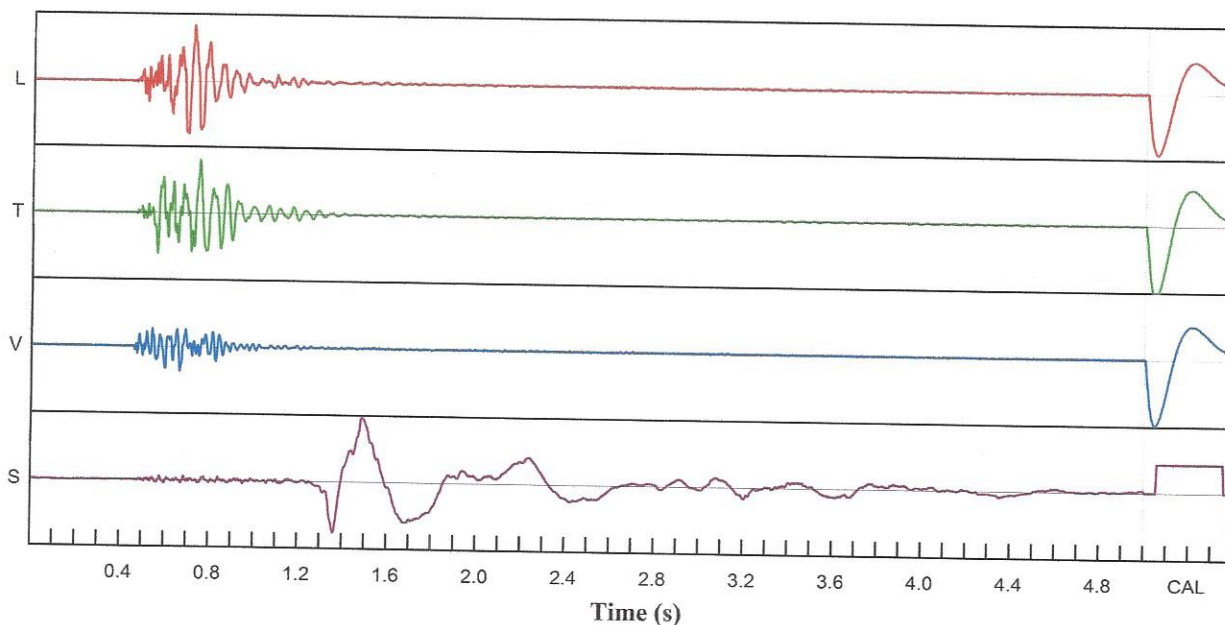
USBM Safe Blasting Levels

SN: 11560 Event: 34



Velocity Waveform

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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: 10/31/2019 08:03:21 (UTC-4)
End Date: 10/31/2019 15:53:35 (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