



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
 Date: 08/27/2019 14:55:15 (UTC-4)
 Event No: 10
 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)	0.123	0.165	0.083
FREQ (Hz)	20.0	23.8	27.8
PD (.001")	0.90	1.06	0.41
PPA (g)	0.091	0.078	0.078
Peak Vector Sum :	0.168 in/s		
Peak Air Pressure:	126 db		
	0.00609 PSI @ 7.2 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

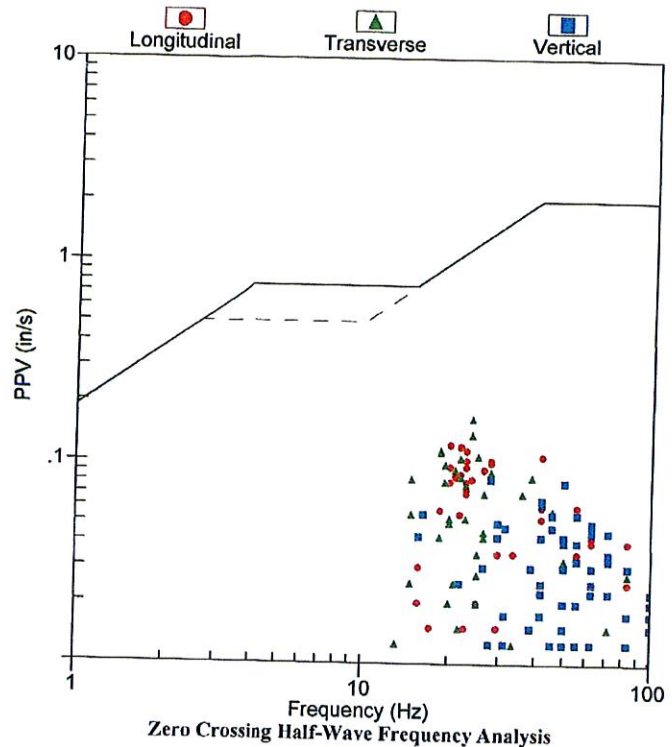
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
 Seismic Scale: +/- 0.320 in/s
 Sound Scale: +/- 0.0091 PSI

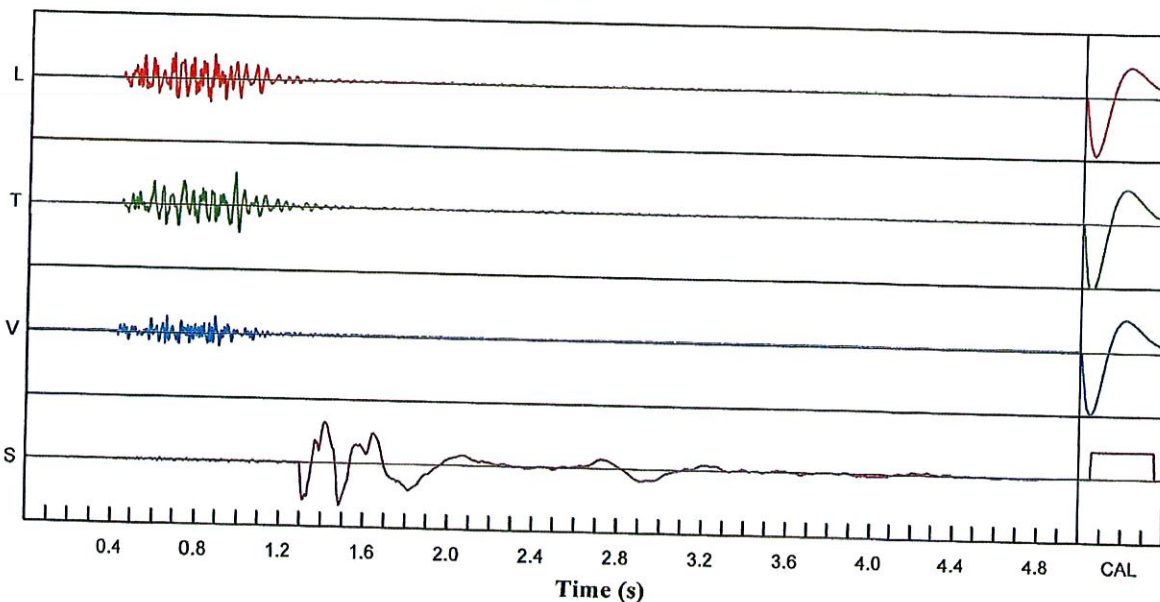
USBM Safe Blasting Levels

SN: 11560 Event: 10



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: 08/27/2019 08:03:56 (UTC-4)
End Date: 08/27/2019 15:27:26 (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: 8.1

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