GeoSonics Inc. Seismic Analysis
Velocity Waveform Analysis

Serial No: 7784 v6.13
Date: 10/06/2020 13:08:23 (UTC-4)
Event No: 21
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet
Location: 166 Lawson Ave.
Distance:
Operator: GeoSonics GSM
Comment: Acushnet, MA
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db

Summary Data

	L	T	V
PPV (in/s)	0.088	0.078	0.095
FREQ (Hz)	19.2	14.3	71.4
PD (.001")	0.87	0.74	0.60
PPA (g)	0.065	0.052	0.111

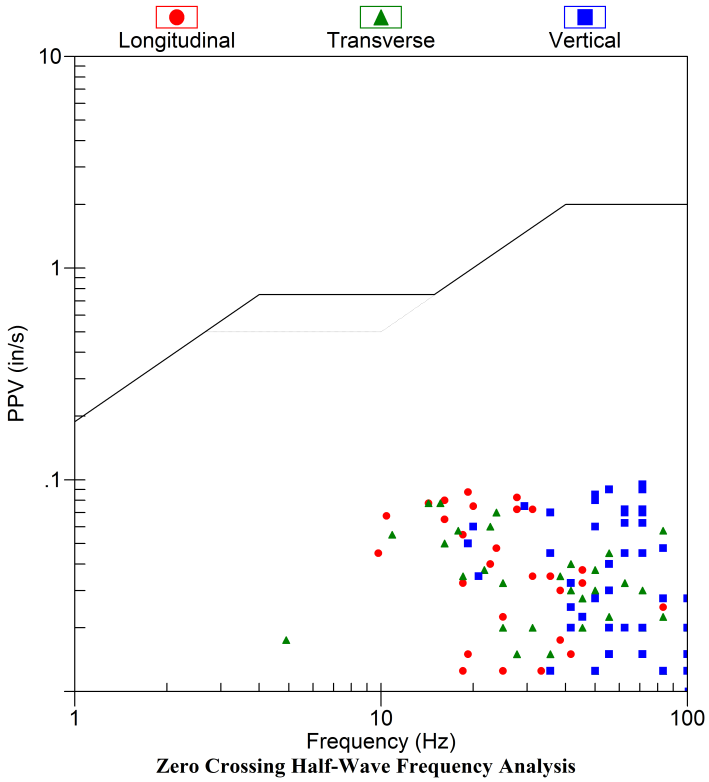
Peak Vector Sum : 0.115 in/s
Peak Air Pressure: 114 db
0.00162 PSI @ 8.3 Hz

Additional Info:
18ft E of Shed
j-GEO-24006
41 40 14.0, -70 54 03.7

Shaketable Calibrated: 06/25/2020
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: +/- 0.0023 PSI

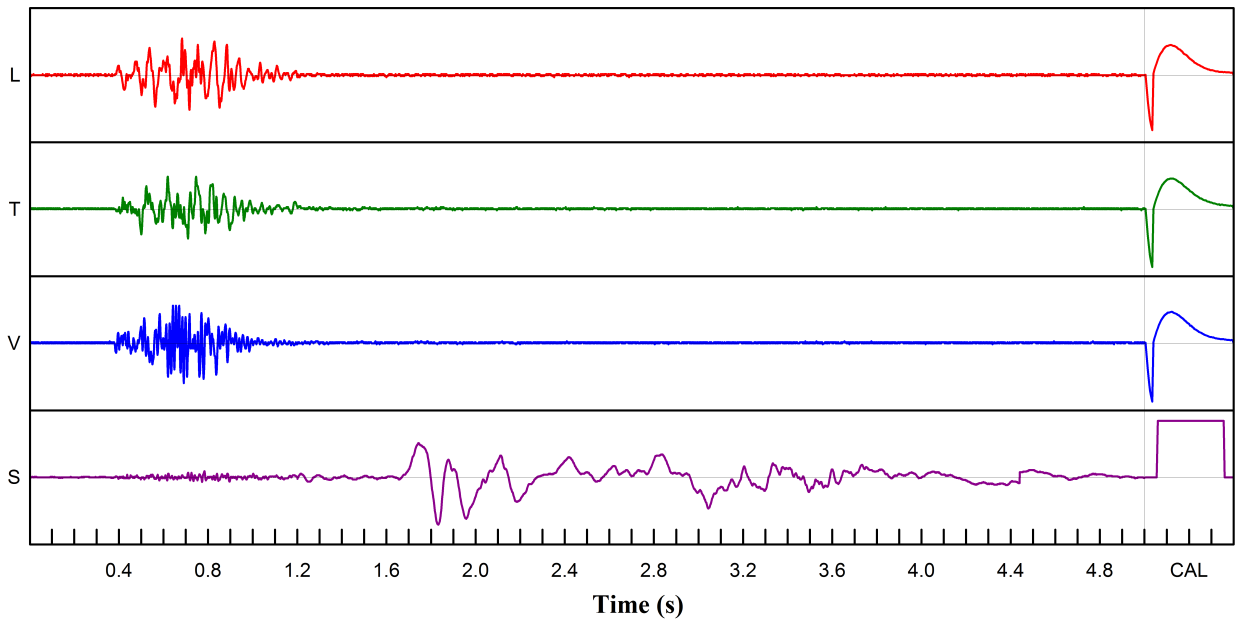
USBM Safe Blasting Levels
SN: 7784 Event: 21



Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.068 in/s 10.4 Hz 12.9%

Velocity Waveform
SN: 7784 Event: 21



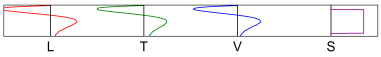
GeoSonics Inc. Seismic Analysis
Stop Event Report

Serial No:	7267 v6.13	**Begin Date:**	10/06/2020 08:04:04 (UTC-4)
Client:	PJ Keating	**End Date:**	10/06/2020 13:30:10 (UTC-4)
Operation:	Acushnet	**Events over Trigger:**	0 (0--1)
Location:	NE Property Line	**Record Time:**	5.0 s
Distance:		**Seismic Trigger:**	0.050 in/s
Operator:	GeoSonics GSM	**Sound Trigger:**	129 db
Comment:	Acushnet, MA	**Battery Level:**	8.3

Shaketable Calibrated: 06/25/2020
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Additional Info:
VIRTUAL CHECK
j-GEO-18700
41 40 39.6, -70 53 39.6

Dynamic Calibration Graph:



Cal Test Results:

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