



# GeoSonics Inc. Seismic Analysis

## Velocity Waveform Analysis

Serial No: 7784 v6.13  
Date: 10/13/2020 12:55:35 (UTC-4)  
Event No: 27  
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)         | 0.093                | 0.060 | 0.100 |
| FREQ (Hz)          | 16.7                 | 23.8  | 62.5  |
| PD (.001")         | 0.54                 | 0.47  | 0.33  |
| PPA (g)            | 0.078                | 0.046 | 0.104 |
| Peak Vector Sum :  | 0.125 in/s           |       |       |
| Peak Air Pressure: | 111 db               |       |       |
|                    | 0.00110 PSI @ 1.8 Hz |       |       |

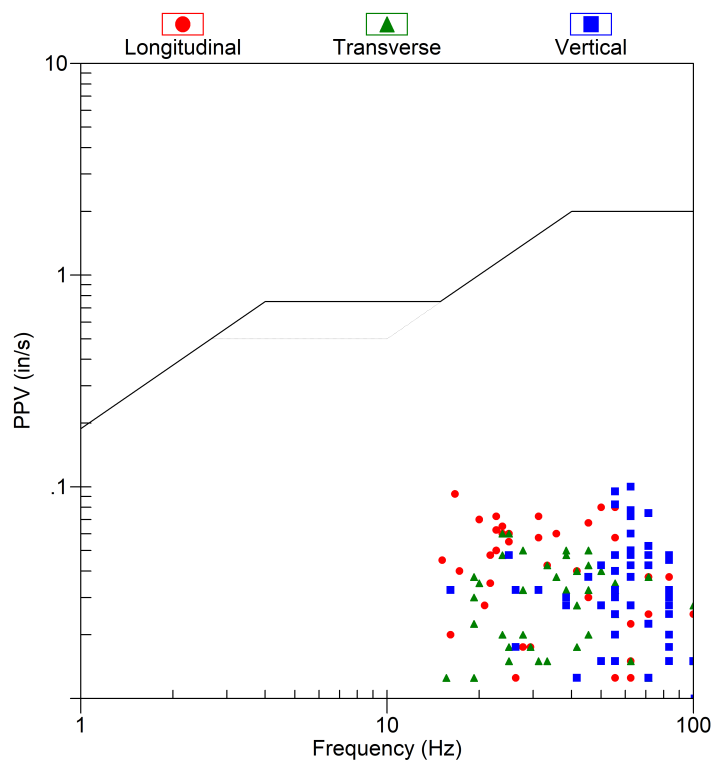
Additional Info:  
18ft E of Shed  
j-GEO-24006  
41 40 14.0, -70 54 03.7

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: 27

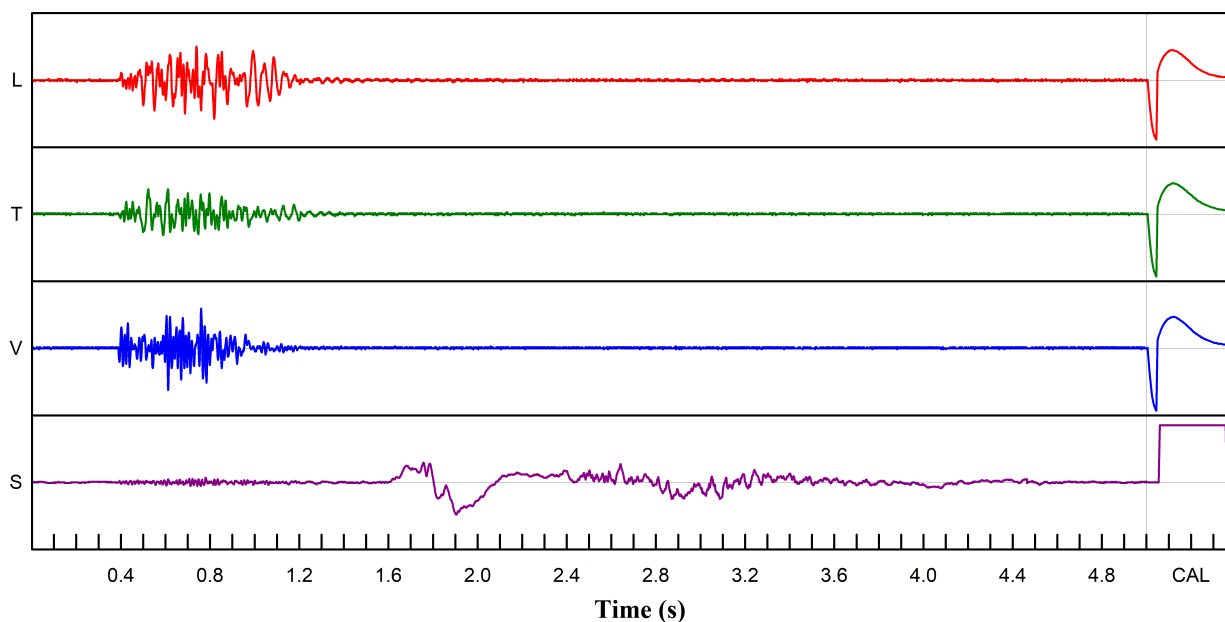


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.093 in/s 16.7 Hz 11.0%

### Velocity Waveform

SN: 7784 Event: 27





# GeoSonics Inc. Seismic Analysis

## Stop Event Report

**Serial No:** 7267 v6.13  
**Client:** PJ Keating  
**Operation:** Acushnet  
**Location:** NE Property Line  
**Distance:**  
**Operator:** GeoSonics GSM  
**Comment:** Acushnet, MA

**Begin Date:** 10/13/2020 08:04:02 (UTC-4)  
**End Date:** 10/13/2020 13:48:14 (UTC-4)  
**Events over Trigger:** 0 (0--1)  
**Record Time:** 5.0 s  
**Seismic Trigger:** 0.050 in/s  
**Sound Trigger:** 129 db  
**Battery Level:** 8.3

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

**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

### Cal Test Results:

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