

# Seismic Analysis

## Velocity Waveform Analysis

Serial Number: 9742  
Firmware Version: 0C-10.29  
Event Date: 05/02/2024 09:45:38 (UTC -04:00)  
Event number: 2 (2 of 7)  
Recording Time: 5 s (x 6)  
Client: 846 Mine LLC  
Operation: 846 Mine  
Location: Garrett Residence  
Distance:  
Operator: GeoSonics FL  
Comment: 2311 56th Ave NE  
Seismic Trigger: 0.02 in/s  
Sound Trigger: OFF

Additional Info: NW crn of House  
j-GEO-40490  
N26 20 6.9 W81 33 43.24

### Summary Data

	L	T	V
PPV (in/s):	0.02	0.02	0.0225
FREQ (HZ):	12.2	6.7	35.7
PD (.001"):	0.4975	0.4525	0.395
PPA (g):	0.01302	0.01302	0.01953

Peak Vector Sum: 0.025 in/s  
Peak Air Pressure: 89.8 dB  
0.0001 psi @ 38.5 HZ

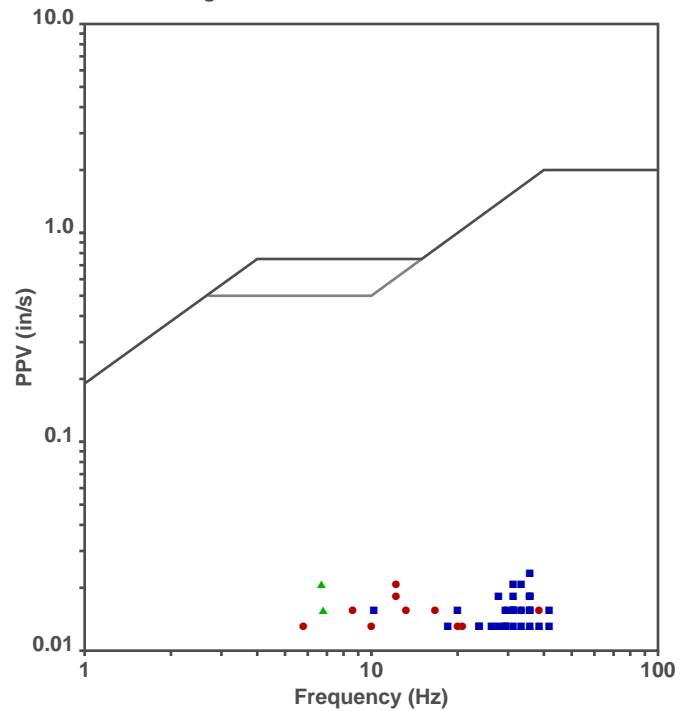
### Shaketable Calibrated

On: 11/14/2023 (UTC -04:00)  
By: GeoSonics, Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.

### USBM Safe Blasting Levels

SSN: 9742 Event: 2 (2 of 7)

Longitudinal Transverse Vertical



Zero Crossing Half-Wave Frequency Analysis

### Waveform Graph Scale

Time Scale: 0.1 s  
Seismic Scale: +/- 0.16 in/s  
Sound Scale: +/- 0.0023 psi

### Velocity Waveform

SSN: 9742 Event: 2 (2 of 7)

