

# Seismic Analysis

## Velocity Waveform Analysis

Serial Number: 12448  
Firmware Version: 0C-10.29  
Event Date: 06/18/2024 09:57:38 (UTC -04:00)  
Event number: 139 (1 of 7)  
Recording Time: 5 s (x 6)  
Client: 846 Mine LLC  
Operation: 846 Mine  
Location: Piedra Residence  
Distance:  
Operator: GeoSonics FL  
Comment: 4935 20th St NE  
Seismic Trigger: 0.02 in/s  
Sound Trigger: OFF

Additional Info: 148ft NW from NW CRN Ho  
j-GEO-10053  
N26 19 19.3 W81 34 11.2

### Summary Data

	L	T	V
PPV (in/s):	0.055	0.06	0.065
FREQ (HZ):	23.8	9.6	31.3
PD (.001"):	1.317	1.125	0.775
PPA (g):	0.02604	0.03255	0.03255

Peak Vector Sum: 0.0725 in/s  
Peak Air Pressure: 107.9 dB  
0.0007 psi @ 35.7 HZ

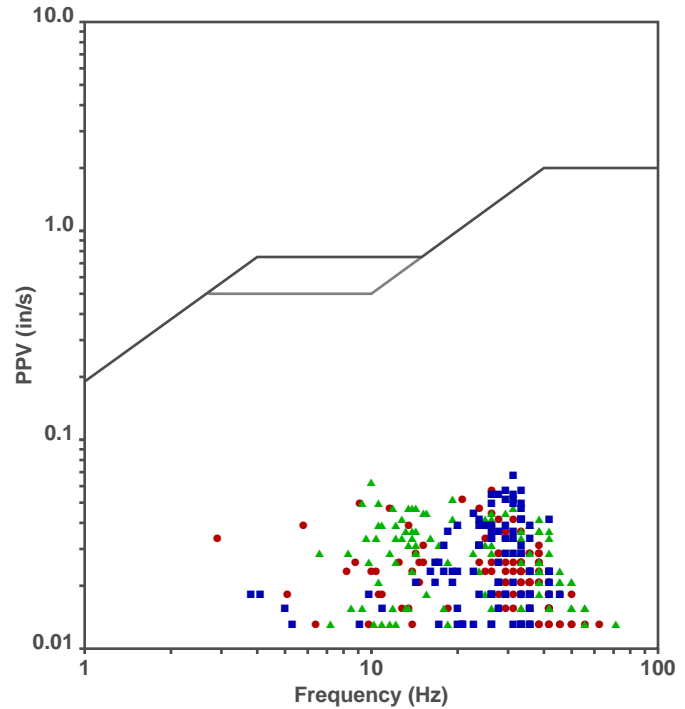
### Shaketable Calibrated

On: 11/03/2023 (UTC -04:00)  
By: GeoSonics, Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.

### USBM Safe Blasting Levels

SSN: 12448 Event: 139 (1 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: 12448 Event: 139 (1 of 7)

