

# Seismic Analysis

## Velocity Waveform Analysis

Serial Number: 11469  
Firmware Version: 0C-10.29  
Event Date: 01/03/2024 09:43:54 (UTC -05:00)  
Event number: 5  
Recording Time: 10 s  
Client: 846 Mine LLC  
Operation: 846 Mine  
Location: Harold Residence  
Distance:  
Operator: GeoSonics FL  
Comment: 4500 22st ne  
Seismic Trigger: 0.02 in/s  
Sound Trigger: OFF

Additional Info: 30ft N of house  
j-GEO-48714  
N26 18 51 W81 33 49.13

### Summary Data

	L	T	V
PPV (in/s):	0.0275	0.0225	0.02
FREQ (HZ):	25	7.1	35.7
PD (.001"):	0.5975	0.5525	0.49
PPA (g):	0.01302	0.01302	0.01302

Peak Vector Sum: 0.0275 in/s  
Peak Air Pressure: 101 dB  
0.0003 psi @ 35.7 HZ

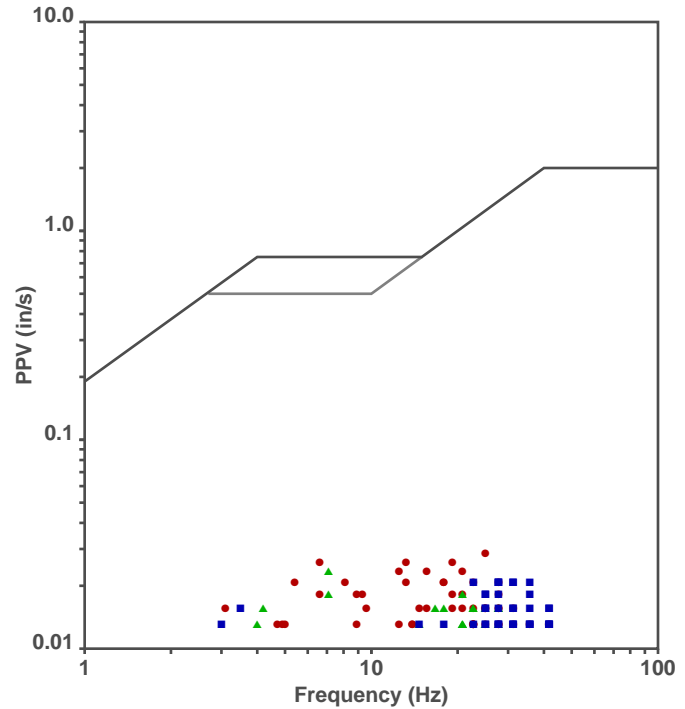
### Shaketable Calibrated

On: 09/22/2023 (UTC -05:00)  
By: GeoSonics, Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.

### USBM Safe Blasting Levels

SSN: 11469 Event: 5

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: 11469 Event: 5

