

# Seismic Analysis

## Velocity Waveform Analysis

Serial Number: 11217  
Firmware Version: 0C-10.29  
Event Date: 05/17/2024 10:57:13 (UTC -04:00)  
Event number: 33 (1 of 7)  
Recording Time: 5 s (x 6)  
Client: 846 Mine LLC  
Operation: 846 Mine  
Location: Gallegos Residence  
Distance:  
Operator: GeoSonics FL  
Comment: 6750 Fawn Ln  
Seismic Trigger: 0.02 in/s  
Sound Trigger: OFF

Additional Info: NE CRN ROW  
j-GEO-41704  
N26 21 12.03 W81 34 35

### Summary Data

	L	T	V
PPV (in/s):	0.05	0.035	0.0225
FREQ (HZ):	33.3	38.5	29.4
PD (.001"):	0.585	1.4	0.8825
PPA (g):	0.02604	0.02604	0.01953

Peak Vector Sum: 0.0525 in/s  
Peak Air Pressure: 86.6 dB  
0.0001 psi @ 38.5 HZ

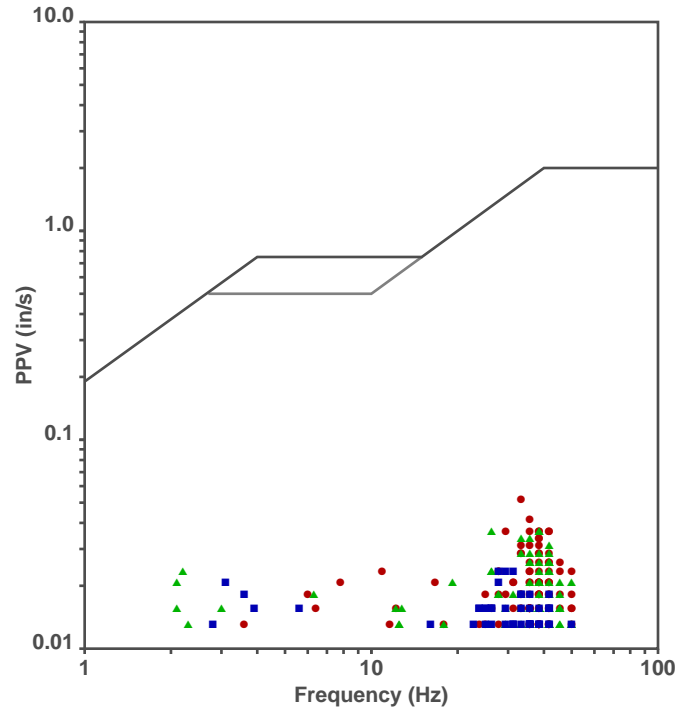
### Shaketable Calibrated

On: 08/07/2023 (UTC -04:00)  
By: GeoSonics, Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.

### USBM Safe Blasting Levels

SSN: 11217 Event: 33 (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: 11217 Event: 33 (1 of 7)

