

# Seismic Analysis

## Velocity Waveform Analysis

Serial Number: 11217  
Firmware Version: 0C-10.29  
Event Date: 07/16/2024 09:59:44 (UTC -04:00)  
Event number: 45 (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):	0.095	0.0875	0.07
FREQ (HZ):	27.8	25	29.4
PD (.001"):	0.7925	0.935	0.8725
PPA (g):	0.04557	0.03906	0.05208

Peak Vector Sum: 0.115 in/s  
Peak Air Pressure: 94.6 dB  
0.0002 psi @ 18.5 HZ

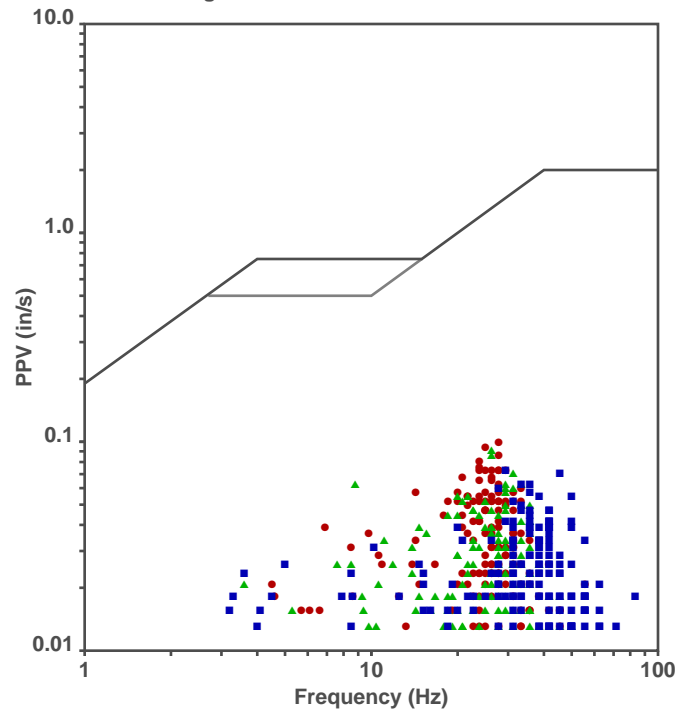
### Shaketable Calibrated

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: 45 (1 of 7)

Longitudinal Transverse Vertical



### Waveform Graph Scale

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

### Velocity Waveform

SSN: 11217 Event: 45 (1 of 7)

