

# Seismic Analysis

## Velocity Waveform Analysis

Job ID: j-GEO-10053  
Serial Number: 10818  
Event Number: 1  
Event Time: 08/23/2024 10:57:13 (UTC -04:00)  
Recording Time: 5.0 s  
Product/Firmware: 0C-10.29  
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  
N26 19 19.3 W81 34 11.2  
Part 1 of 6

### Summary Data

	L	T	V
PPV (in/s):	0.09	0.075	0.085
FREQ (Hz):	11.6	17.9	31.2
TIME (s):	1.470	2.009	0.911
PD (.001"):	1.24	1.42	1.86
PPA (g):	0.0453	0.0389	0.0518

Peak Air Pressure: 117.5 dB (2.17e-03 psi) @ 12.5 Hz, 4.474 s

### Shaketable Calibrated

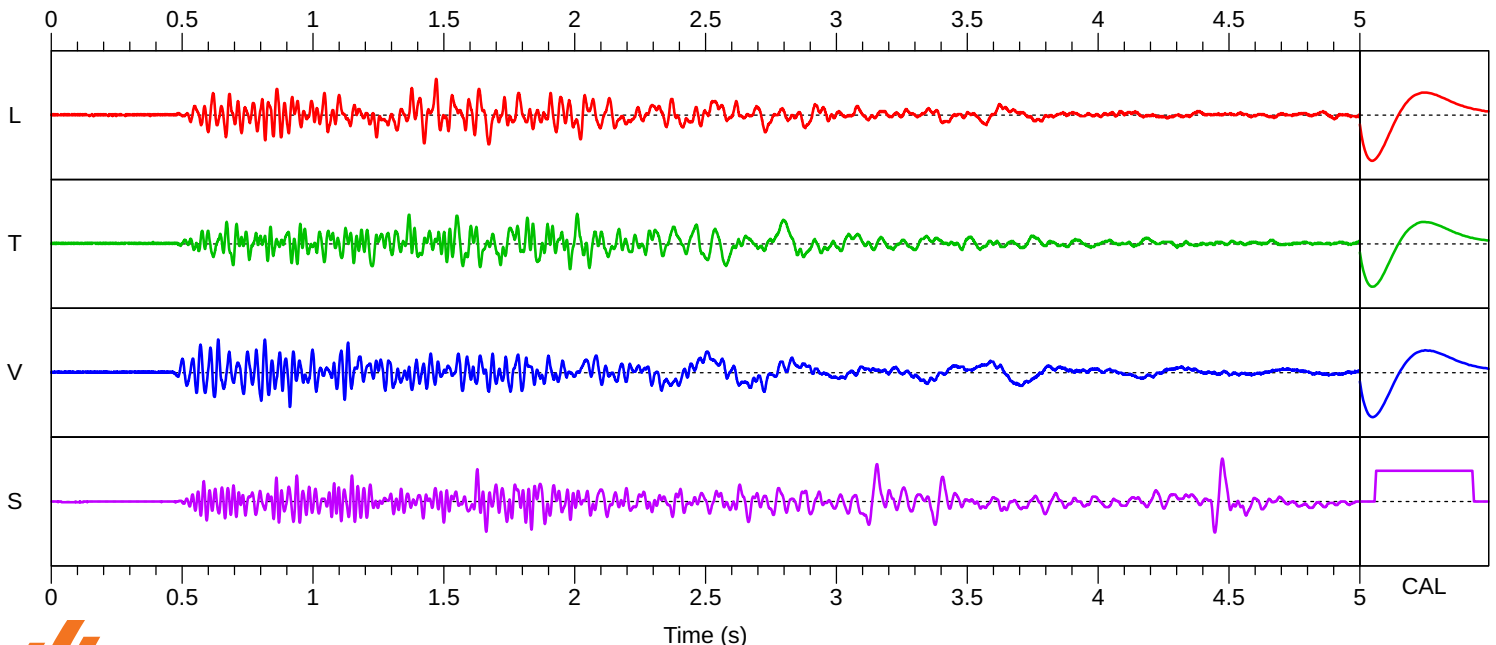
On: 07/19/2024  
By: GeoSonics, Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.

### Waveform Graph Scale

Time Scale: 0.1 s  
Seismic Scale: +/- 0.16 in/s  
Sound Scale: +/- 0.00326 psi

## Velocity Waveform

SSN: 10818 Event: 1



## USBM Safe Blasting Levels

SSN: 10818 Event: 1

