

# Seismic Analysis

## Velocity Waveform Analysis

Job ID: j-GEO-41704  
Serial Number: 12414  
Event Number: 7  
Event Time: 10/01/2024 13:37:04 (UTC -04:00)  
Recording Time: 5.0 s  
Product/Firmware: 0C-10.29  
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  
N26 21 12.03 W81 34 35  
Part 1 of 6

### Summary Data

	L	T	V
PPV (in/s):	0.0925	0.0575	0.11
FREQ (Hz):	25.0	22.7	29.4
TIME (s):	1.583	1.649	1.486
PD (.001"):	1.21	1.05	0.74
PPA (g):	0.0453	0.0259	0.0712

Peak Air Pressure: 102.6 dB (3.92e-04 psi) @ 33.3 Hz, 1.602 s

### Shaketable Calibrated

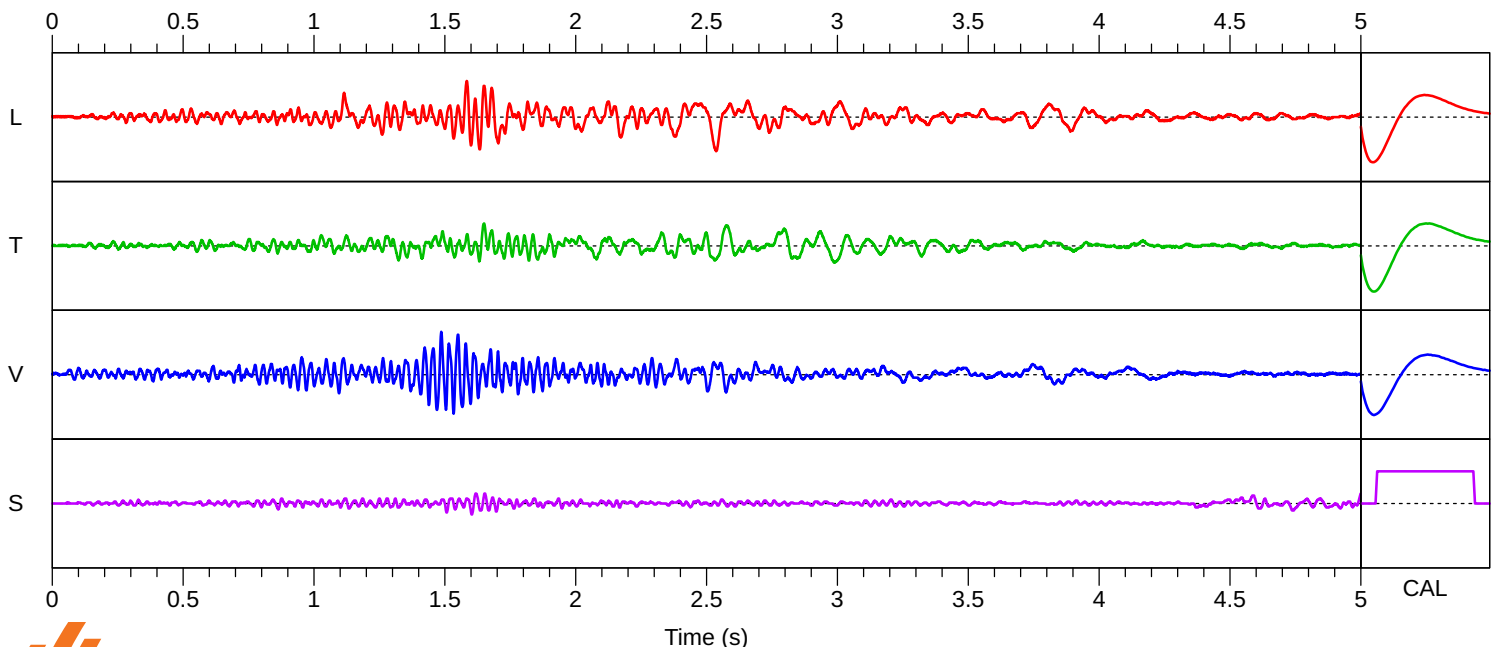
On: 07/01/2024  
By: GeoSonics, Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.

### Waveform Graph Scale

Time Scale: 0.1 s  
Seismic Scale: +/- 0.165 in/s  
Sound Scale: +/- 0.0023 psi

## Velocity Waveform

SSN: 12414 Event: 7



## USBM Safe Blasting Levels

SSN: 12414 Event: 7

