

# GeoSonics Inc. Seismic Analysis

## USBM/Velocity Waveform Report

**Serial No:** 11459 v10.29  
**Date:** 03/04/2024 11:37:03 (UTC-5)  
**Event No:** 1  
**Record Time:** 10.0 s  
**Client:** 846 Mine LLC  
**Operation:** 846 Mine  
**Location:** Garrett Residence  
**Distance:**  
**Operator:** GeoSonics FL  
**Comment:** 2311 56th Ave NE  
**Seismic Trigger:** 0.020 in/s

### Summary Data

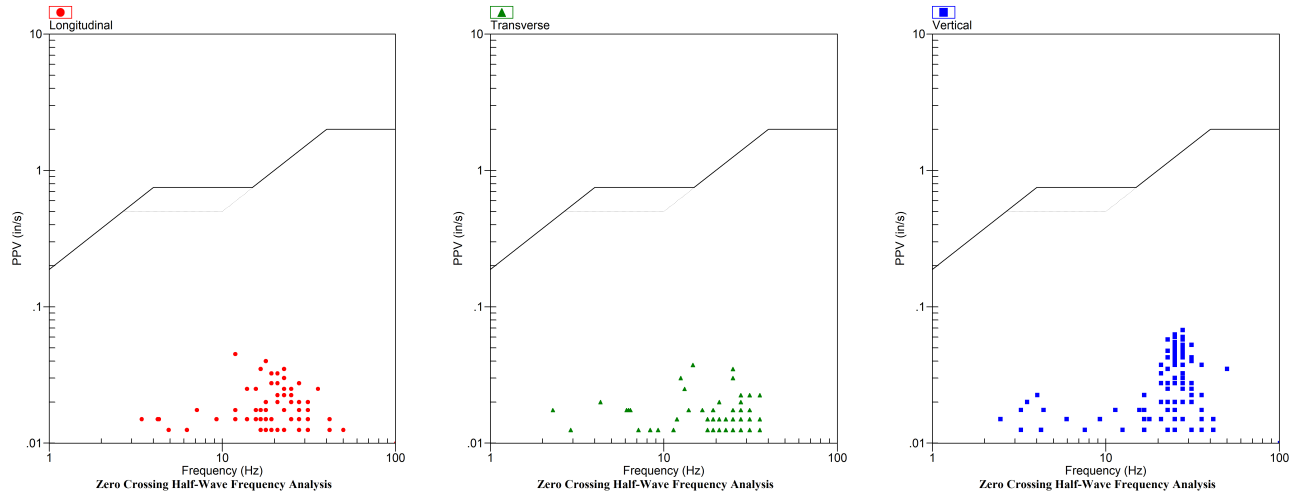
	L	T	V
PPV (in/s)	0.045	0.038	0.068
FREQ (Hz)	11.9	14.7	27.8
PD (.001")	0.82	0.89	0.98
PPA (g)	0.020	0.020	0.033
Peak Vector Sum:	0.070 in/s		
Peak Air Pressure:	107 db		
	0.00075 PSI @ 41.7 Hz		

**Shaketable Calibrated:** 11/03/2023

**Additional Info:**  
NW crn of House  
j-GEO-40490  
N26 20 6.9 W81 33 43.24

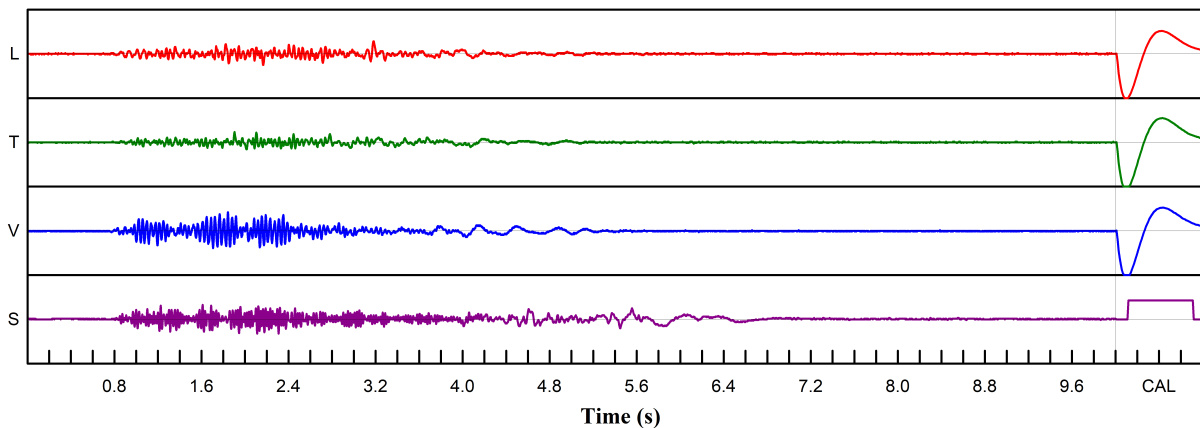
**By:** GeoSonics Inc.  
359 Northgate Drive  
Warrendale, PA 15086 U.S.A.  
TEL: 724.934.2900 FAX: 724.934.2999

### USBM Safe Blasting Levels



### Velocity Waveform

SN: 11459 Event: 1



### Velocity Waveform Graph Scale

**Time Scale:** 0.200 s  
**Seismic Scale:** +/- 0.160 in/s  
**Sound Scale:** +/- 0.0023 PSI