

# Seismic Analysis

## Velocity Waveform Analysis

**Serial Number:** 7121  
**Firmware Version:** 0C-06.05  
**Event Date:** 05/19/2016 11:55:18 (UTC -07:00)  
**Event number:** 18  
**Recording Time:** 5 s  
**Client:** COUNTY OF MARIN  
**Operation:** SAN RAFAEL ROCK QUARRY  
**Location:** ON QUARRY PROPERTY  
**Distance:**  
**Operator:** VIBRA-TECH IP2  
**Comment:**  
**Seismic Trigger:** 0.03 in/s  
**Sound Trigger:** OFF

**Additional Info:**

j-GEO-01253  
 N37 59.481, W122 27.256

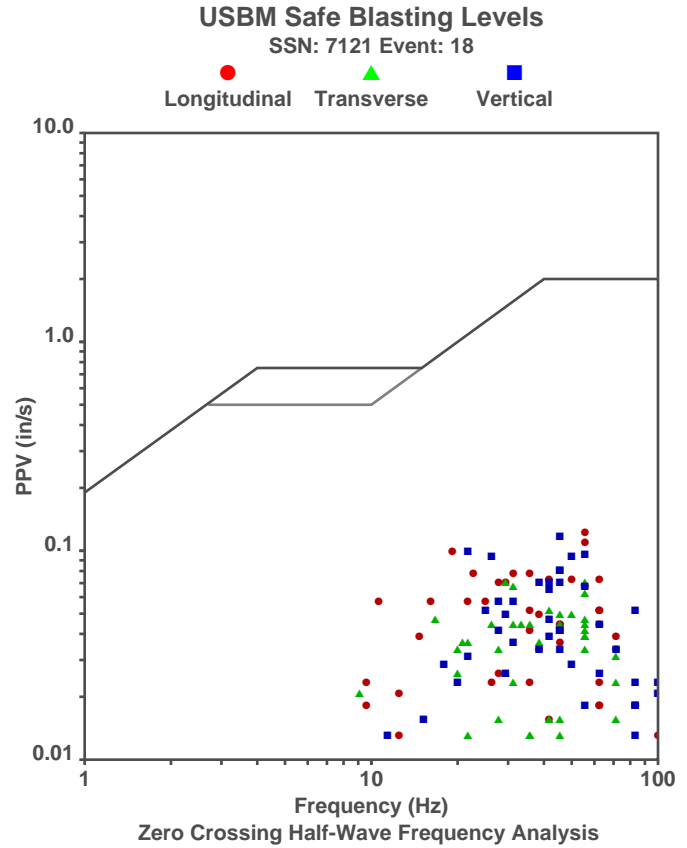
**Summary Data**

	L	T	V
<b>PPV (in/s):</b>	0.1175	0.0675	0.1125
<b>FREQ (HZ):</b>	55.6	55.6	45.5
<b>PD (.001"):</b>	0.7375	0.5825	0.575
<b>PPA (g):</b>	0.09766	0.0651	0.1172

**Peak Vector Sum:** 0.17 in/s  
**Peak Air Pressure:** 108.4 dB  
 0.000802 psi @ 2.7 HZ

**Shaketable Calibrated**

**On:** 01/04/2016 (UTC -07:00)  
**By:** Vibra-Tech, Inc.  
 2700 Holloway Road - Suite 113  
 Louisville, KY 40203 U.S.A.

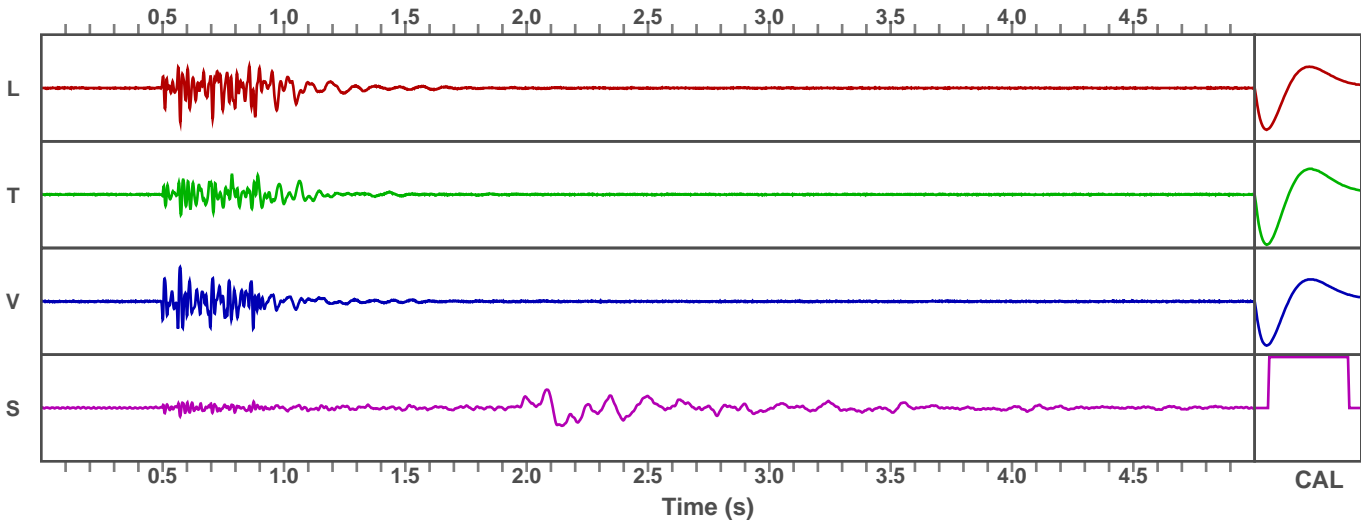


**Waveform Graph Scale**

**Time Scale:** 0.1 s  
**Seismic Scale:** +/- 0.17625 in/s  
**Sound Scale:** +/- 0.0023 psi

### Velocity Waveform

SSN: 7121 Event: 18



# Seismic Analysis

## Velocity Waveform Analysis

**Serial Number:** 10621  
**Firmware Version:** 0C-06.05  
**Event Date:** 05/19/2016 11:55:15 (UTC -07:00)  
**Event number:** 3  
**Recording Time:** 5 s  
**Client:** COUNTY OF MARIN  
**Operation:** SAN RAFAEL ROCK QUARRY  
**Location:** 16 MARIN BAY PARK CT.  
**Distance:**  
**Operator:** VIBRA-TECH IP2  
**Comment:** WILLIAM HOSKEN RES.  
**Seismic Trigger:** 0.03 in/s  
**Sound Trigger:** OFF

**Additional Info:**

j-GEO-01252  
 N37 59.524, W122 27.373

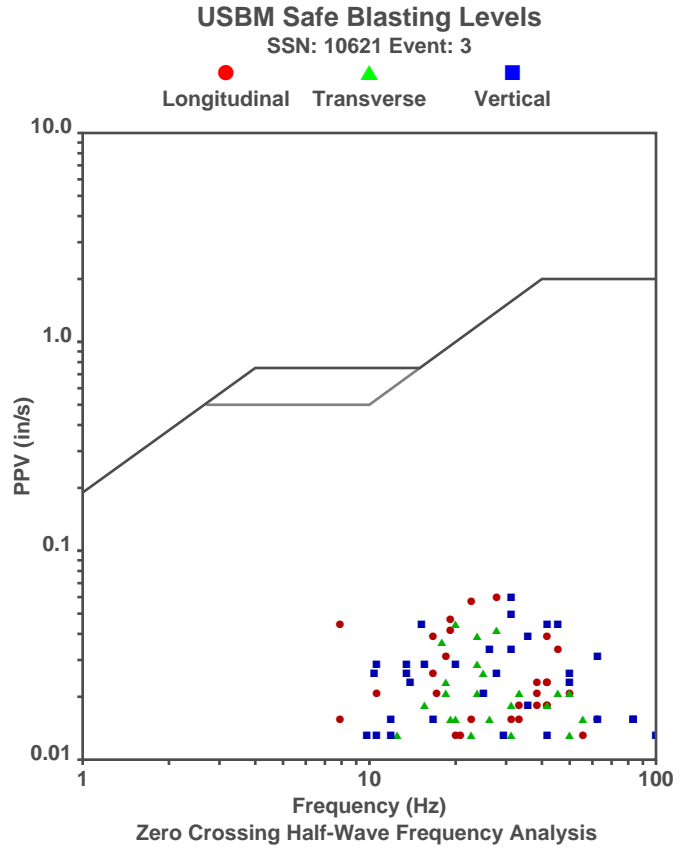
**Summary Data**

	L	T	V
<b>PPV (in/s):</b>	0.0575	0.0425	0.0575
<b>FREQ (HZ):</b>	27.8	20	27.8
<b>PD (.001"):</b>	0.5025	0.3525	0.375
<b>PPA (g):</b>	0.03255	0.01953	0.03906

**Peak Vector Sum:** 0.07 in/s  
**Peak Air Pressure:** 107.8 dB  
 0.0007664 psi @ 2.7 HZ

**Shaketable Calibrated**

**On:** 01/07/2016 (UTC -07:00)  
**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:** +/- 0.0023 psi

### Velocity Waveform

SSN: 10621 Event: 3

