

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 7543
Firmware Version: 0C-06.01
Event Date: 10/27/2015 11:38:01 (UTC -07:00)
Event number: 19
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

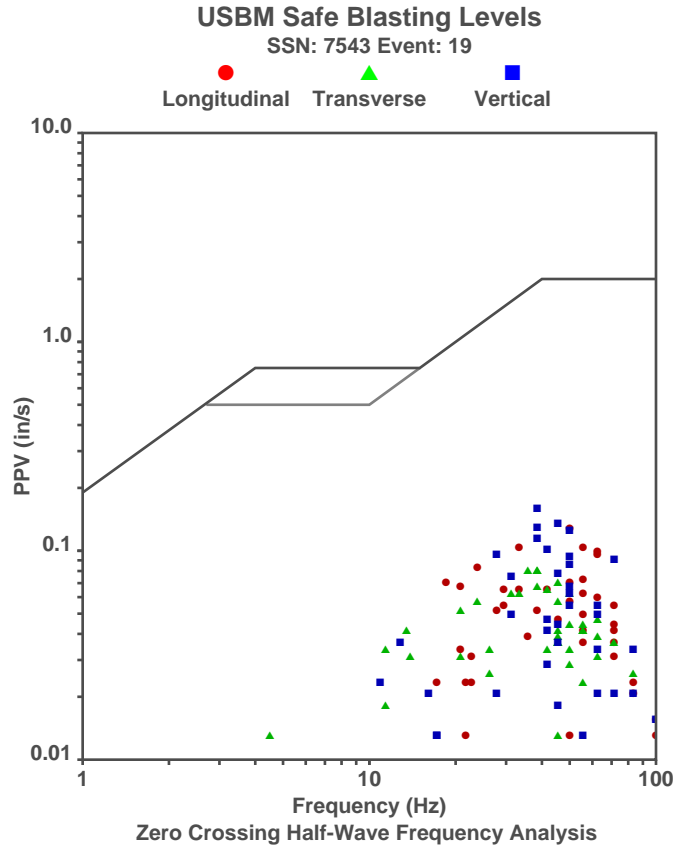
Summary Data

	L	T	V
PPV (in/s):	0.1225	0.0775	0.1525
FREQ (HZ):	50	38.5	38.5
PD (.001'')	0.8825	0.7525	0.8075
PPA (g):	0.09766	0.0651	0.1367

Peak Vector Sum: 0.1875 in/s
Peak Air Pressure: 110.7 dB
 0.001034 psi @ 1.3 HZ

Shaketable Calibrated

On: 01/15/2015 (UTC -07:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

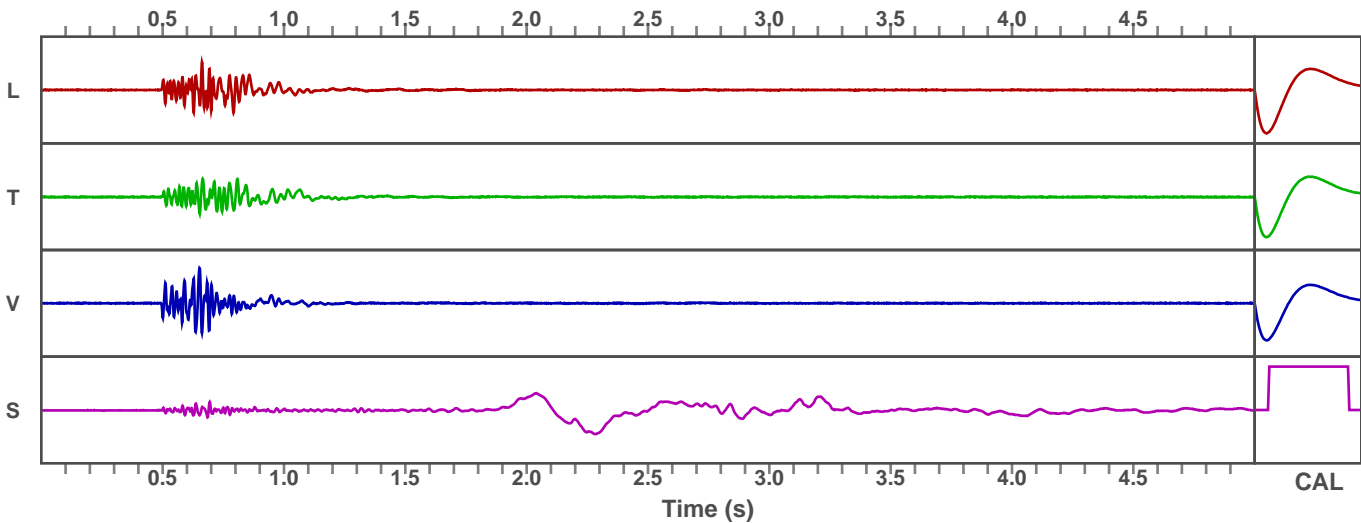


Waveform Graph Scale

Time Scale: 0.1 s
Seismic Scale: +/- 0.22875 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform

SSN: 7543 Event: 19



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 7438
Firmware Version: 0C-06.01
Event Date: 10/27/2015 11:38:04 (UTC -07:00)
Event number: 15
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
PPV (in/s):	0.06	0.035	0.06
FREQ (HZ):	35.7	31.3	35.7
PD (.001'')	0.305	0.575	0.44
PPA (g):	0.03906	0.03255	0.05208

Peak Vector Sum: 0.0725 in/s
Peak Air Pressure: 108.7 dB
 0.0008198 psi @ 1.2 HZ

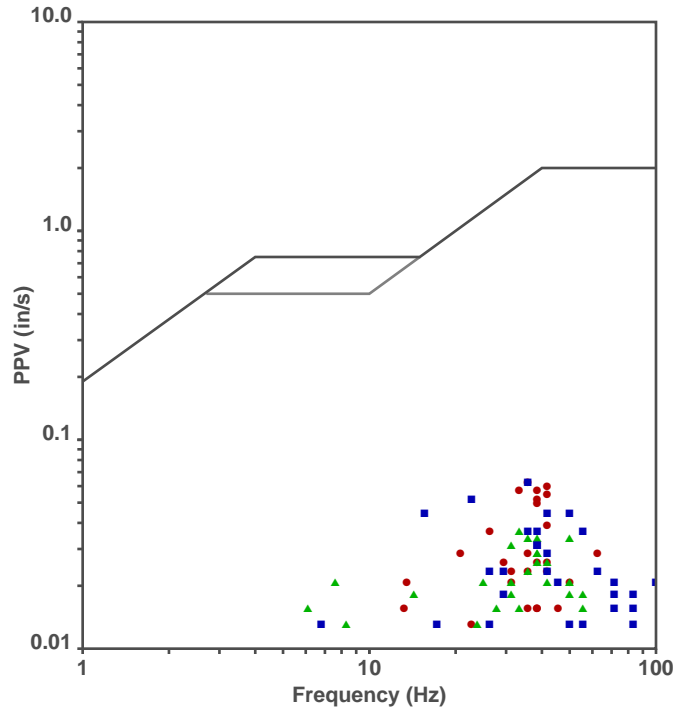
Shaketable Calibrated

On: 01/15/2015 (UTC -07:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels

SSN: 7438 Event: 15

● Longitudinal ▲ Transverse ■ Vertical



Zero Crossing Half-Wave Frequency Analysis

Waveform Graph Scale

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

Velocity Waveform

SSN: 7438 Event: 15

