

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 12/01/2017 11:32:09 (UTC -08:00)
Event number: 368
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

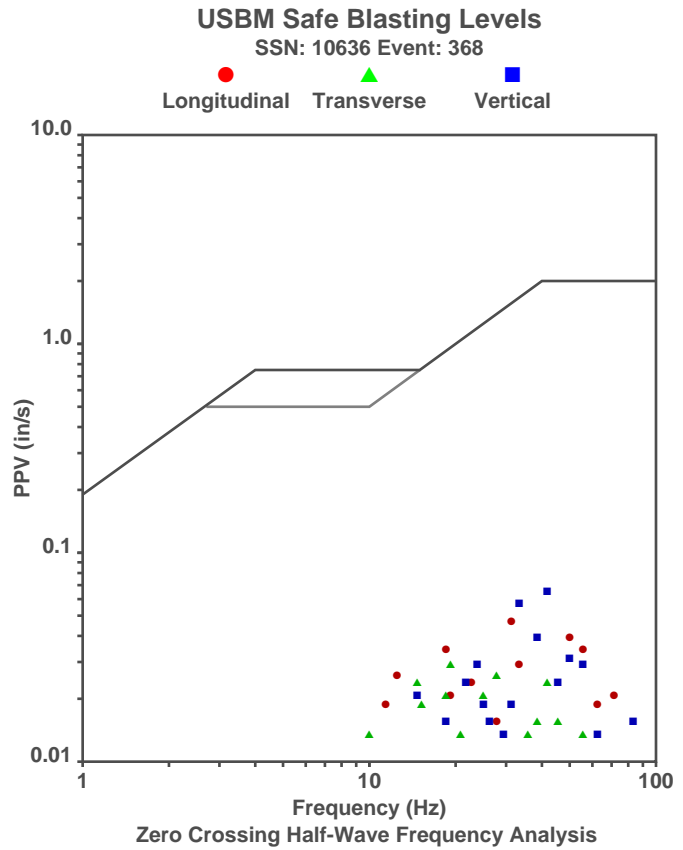
Summary Data

	L	T	V
PPV (in/s):	0.045	0.028	0.063
FREQ (HZ):	31.3	16.1	38.5
PD (.001"):	0.35	0.35	0.35
PPA (g):	0.039	0.02	0.052

Peak Vector Sum: 0.075 in/s
Peak Air Pressure: 110 dB
 0.0009 psi @ 5.9 HZ

Shaketable Calibrated

On: 12/06/2016 (UTC -08:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

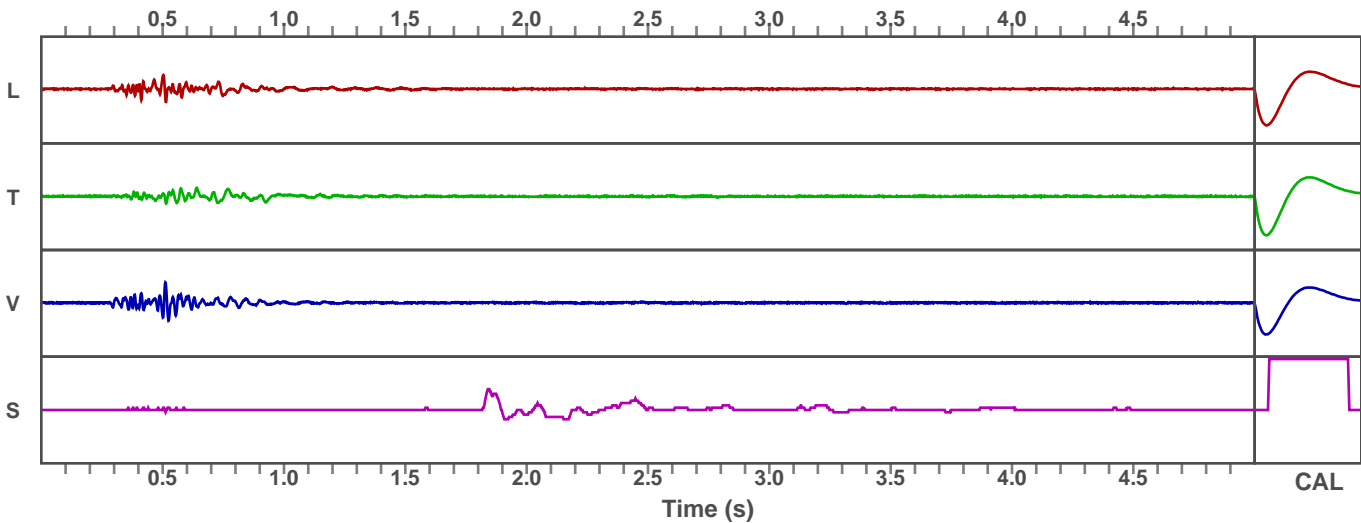


Waveform Graph Scale

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

Velocity Waveform

SSN: 10636 Event: 368



Seismic Analysis Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 12/01/2017 11:32:15 (UTC -08:00)
Event number: 21
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):	0.04	0.033	0.04
FREQ (HZ):	33.3	15.2	38.5
PD (.001"):	0.24	0.33	0.22
PPA (g):	0.033	0.02	0.039

Peak Vector Sum: 0.048 in/s
Peak Air Pressure: 110 dB
 0.0009 psi @ 4.3 HZ

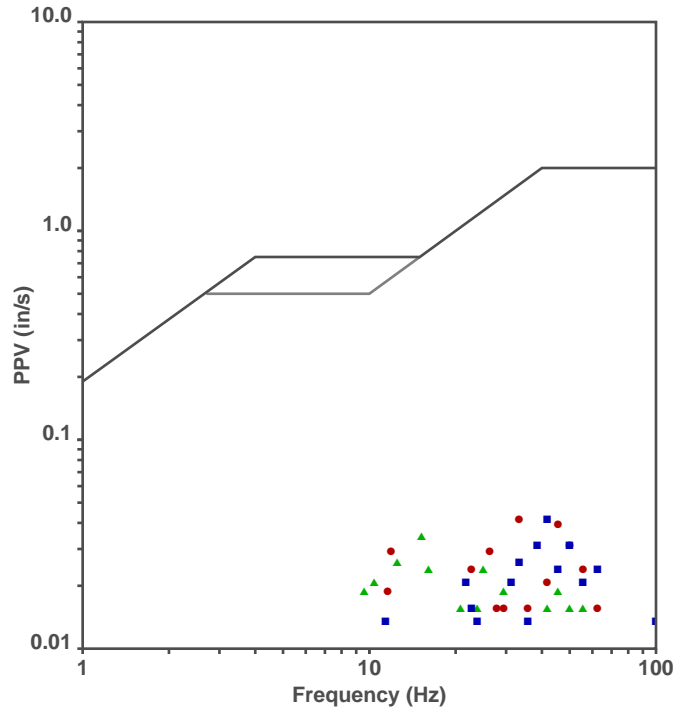
Shaketable Calibrated

On: 12/06/2016 (UTC -08:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels

SSN: 10640 Event: 21

● 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: 10640 Event: 21

