

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 03/02/2017 11:37:00 (UTC -08:00)
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

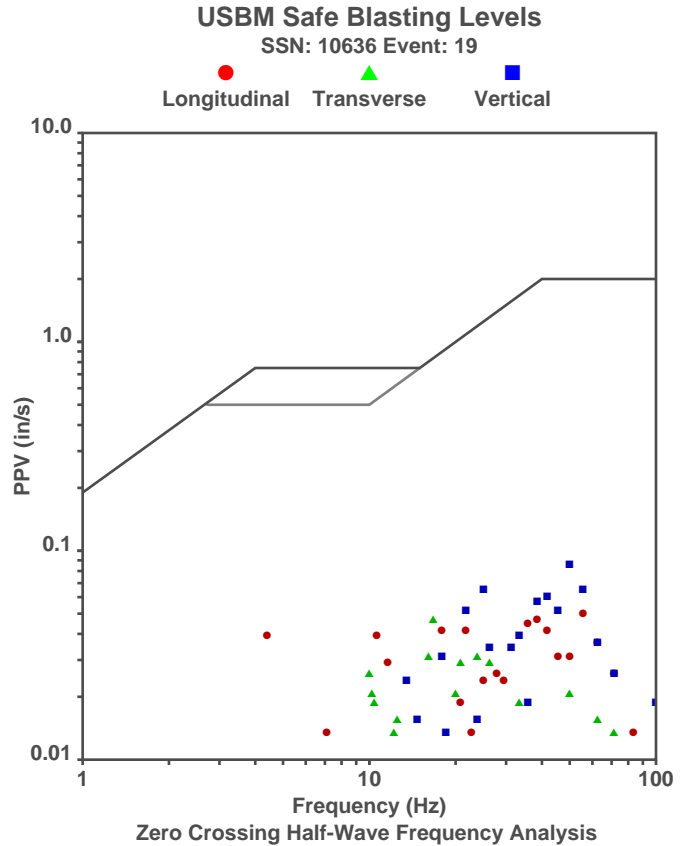
Summary Data

	L	T	V
PPV (in/s):	0.048	0.045	0.083
FREQ (HZ):	55.6	15.2	45.5
PD (.001''):	0.39	0.42	0.42
PPA (g):	0.046	0.02	0.072

Peak Vector Sum: 0.09 in/s
Peak Air Pressure: 107 dB
 0.0006 psi @ 6.3 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.

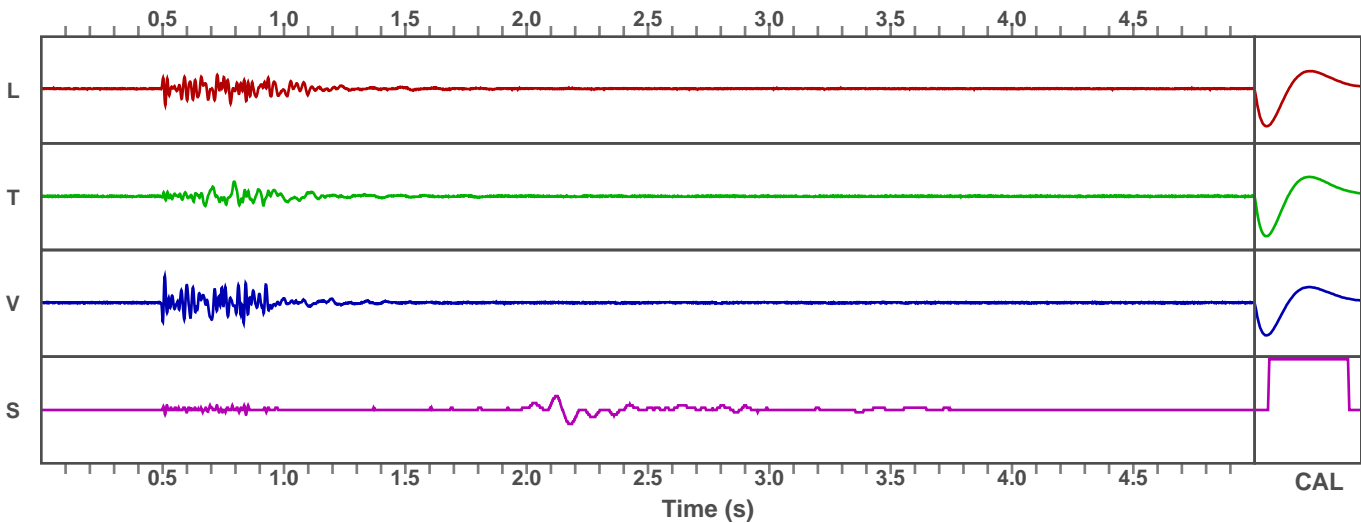


Waveform Graph Scale

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

Velocity Waveform

SSN: 10636 Event: 19



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 03/02/2017 11:37:00 (UTC -08:00)
Event number: 6
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):	0.045	0.03	0.038
FREQ (HZ):	25	17.9	31.3
PD (.001''):	0.28	0.28	0.29
PPA (g):	0.026	0.02	0.026

Peak Vector Sum: 0.053 in/s
Peak Air Pressure: 107 dB
 0.0006 psi @ 2.3 HZ

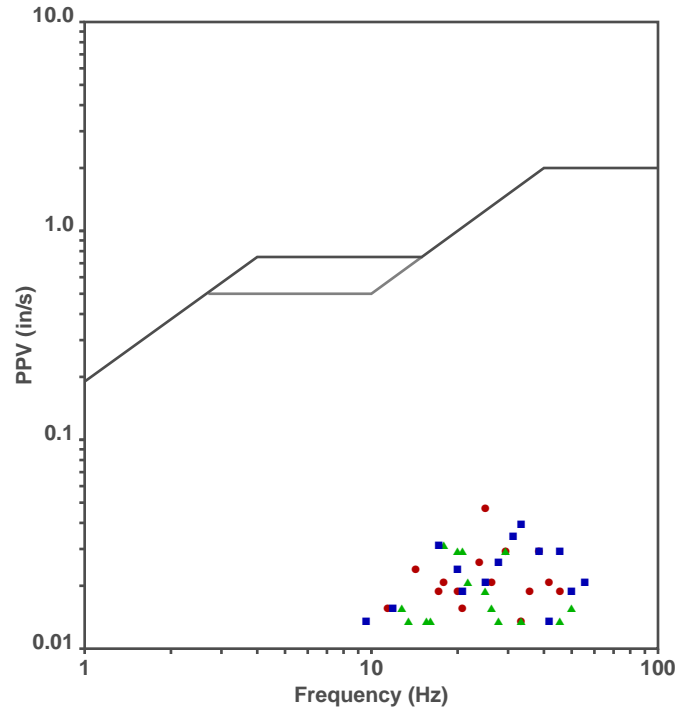
Shaketable Calibrated

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: 6

● 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: 6

