

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 9583
Firmware Version: 0C-06.05
Event Date: 02/13/2018 11:30:36 (UTC -08:00)
Event number: 3
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):	0.11	0.068	0.13
FREQ (HZ):	62.5	23.8	25
PD (.001''):	0.64	0.69	0.73
PPA (g):	0.104	0.059	0.143

Peak Vector Sum: 0.155 in/s
Peak Air Pressure: 110 dB
 0.0009 psi @ 3.2 HZ

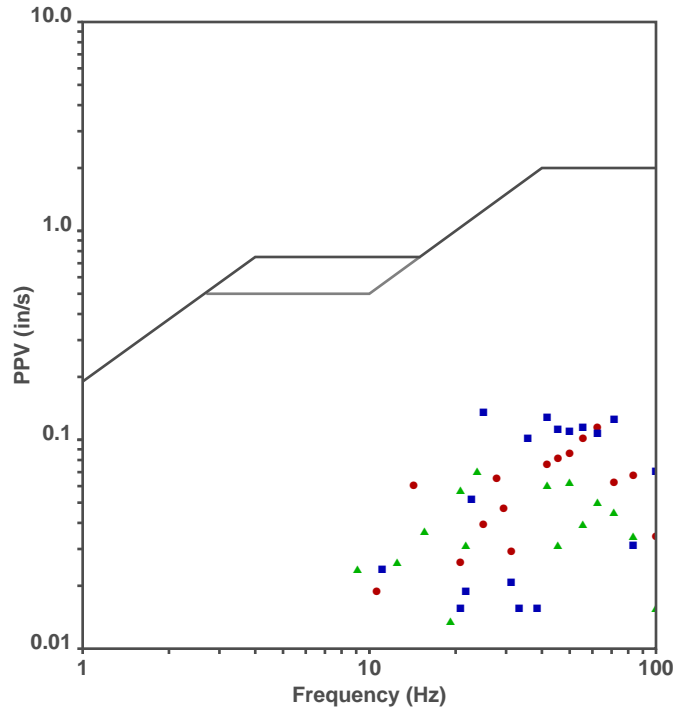
Shaketable Calibrated

On: 11/30/2017 (UTC -08:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels

SSN: 9583 Event: 3

● Longitudinal ▲ Transverse ■ Vertical



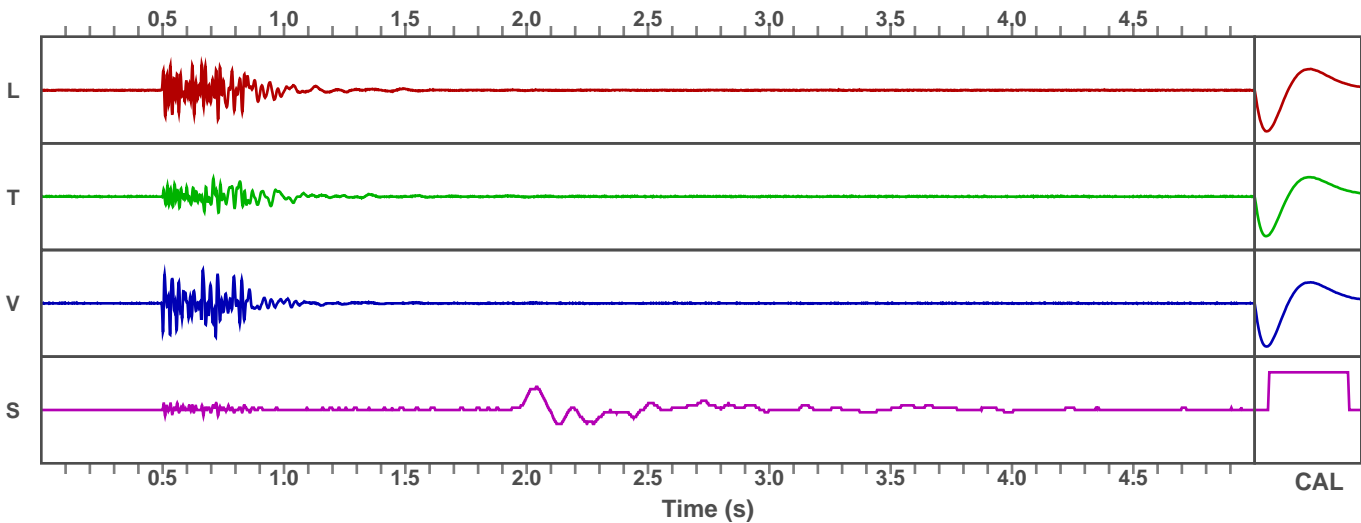
Zero Crossing Half-Wave Frequency Analysis

Waveform Graph Scale

Time Scale: 0.1 s
Seismic Scale: +/- 0.1935 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform

SSN: 9583 Event: 3



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10635
Firmware Version: 0C-06.05
Event Date: 02/13/2018 11:30:26 (UTC -08:00)
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

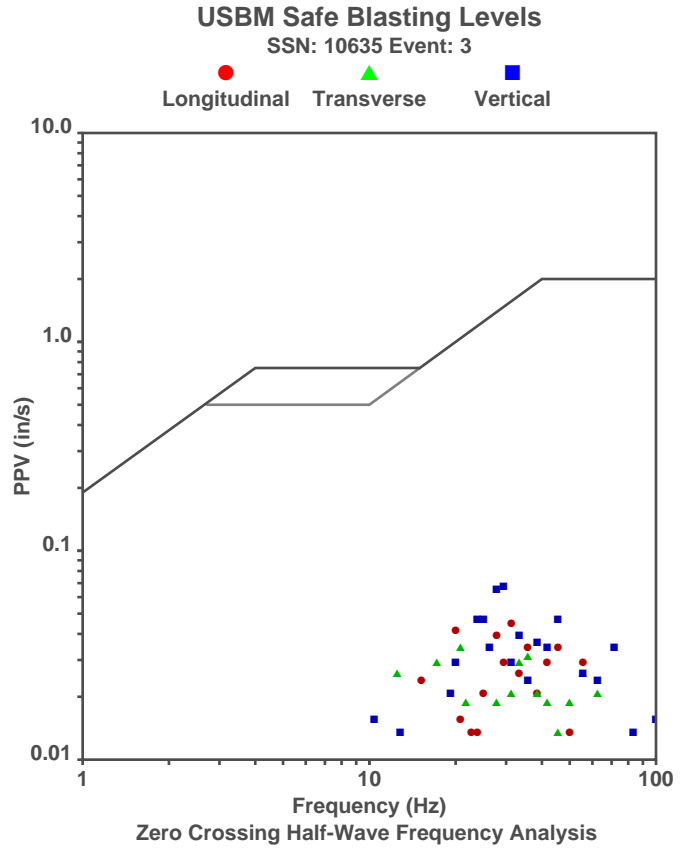
Summary Data

	L	T	V
PPV (in/s):	0.043	0.033	0.065
FREQ (HZ):	31.3	20.8	29.4
PD (.001''):	0.32	0.41	0.39
PPA (g):	0.026	0.026	0.046

Peak Vector Sum: 0.07 in/s
Peak Air Pressure: 107 dB
 0.0006 psi @ 1.7 HZ

Shaketable Calibrated

On: 12/01/2017 (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: 10635 Event: 3

