

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 9583
Firmware Version: 0C-06.05
Event Date: 08/13/2018 12:25:25 (UTC -07:00)
Event number: 11
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):	0.1	0.055	0.078
FREQ (HZ):	41.7	33.3	41.7
PD (.001''):	0.67	0.49	0.43
PPA (g):	0.072	0.033	0.059

Peak Vector Sum: 0.113 in/s
Peak Air Pressure: 112 dB
 0.0011 psi @ 4.3 HZ

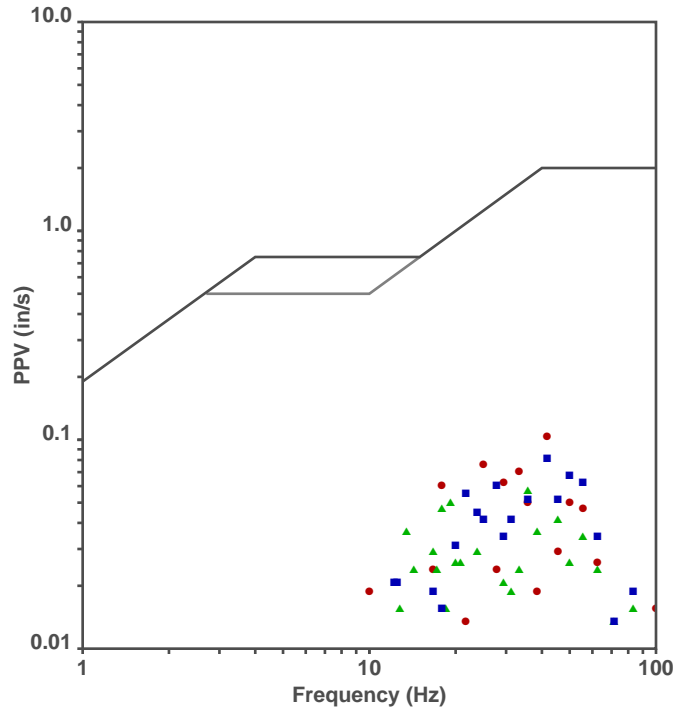
Shaketable Calibrated

On: 11/30/2017 (UTC -07:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels

SSN: 9583 Event: 11

● Longitudinal ▲ Transverse ■ Vertical



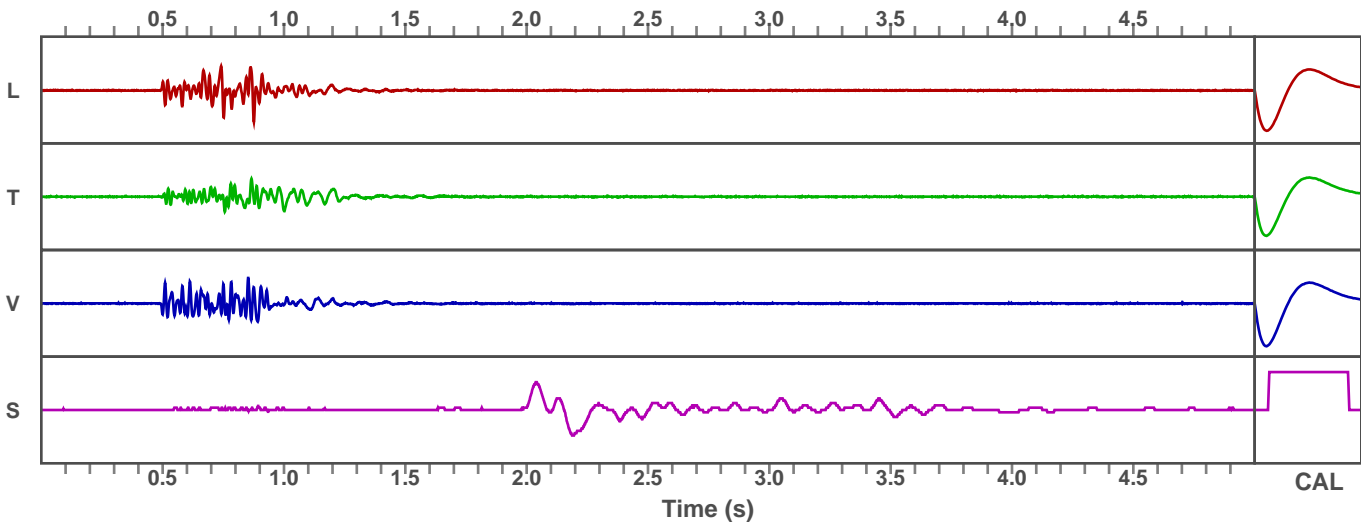
Zero Crossing Half-Wave Frequency Analysis

Waveform Graph Scale

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

Velocity Waveform

SSN: 9583 Event: 11



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10635
Firmware Version: 0C-06.05
Event Date: 08/13/2018 12:25:36 (UTC -07:00)
Event number: 9
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

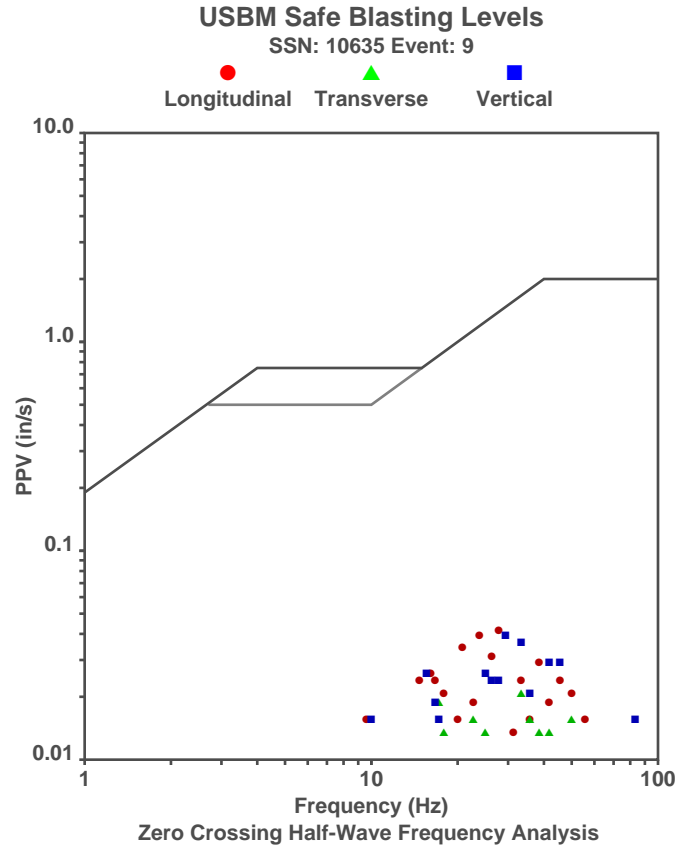
Summary Data

	L	T	V
PPV (in/s):	0.04	0.02	0.038
FREQ (HZ):	27.8	33.3	27.8
PD (.001"):	0.36	0.16	0.27
PPA (g):	0.026	0.013	0.033

Peak Vector Sum: 0.045 in/s
Peak Air Pressure: 112 dB
 0.0011 psi @ 5.2 HZ

Shaketable Calibrated

On: 12/01/2017 (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: +/- 0.16 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform

SSN: 10635 Event: 9

