

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 9583
Firmware Version: 0C-06.05
Event Date: 07/30/2018 11:31:27 (UTC -07:00)
Event number: 9
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):	0.085	0.048	0.068
FREQ (HZ):	50	50	45.5
PD (.001'')	0.42	0.28	0.34
PPA (g):	0.085	0.046	0.065

Peak Vector Sum: 0.09 in/s
Peak Air Pressure: 110 dB
 0.0009 psi @ 2.5 HZ

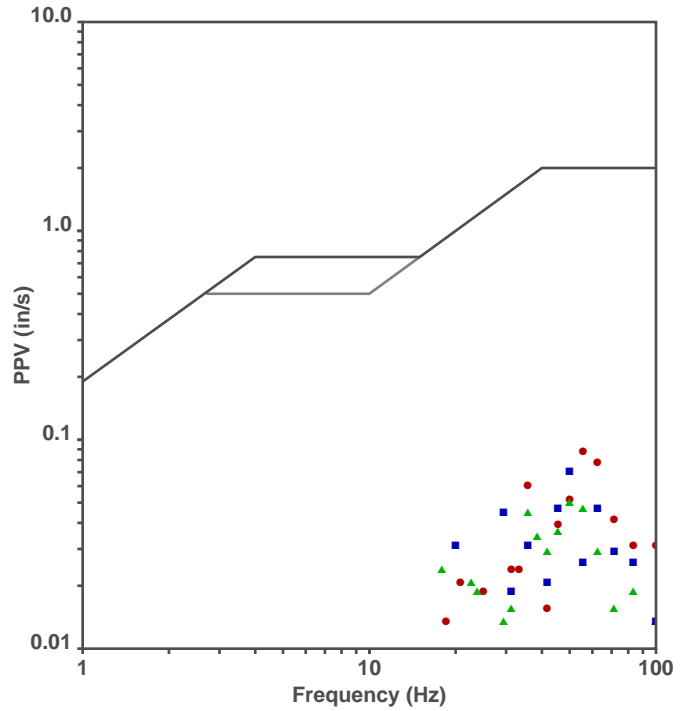
Shaketable Calibrated

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: 9

● Longitudinal ▲ Transverse ■ Vertical

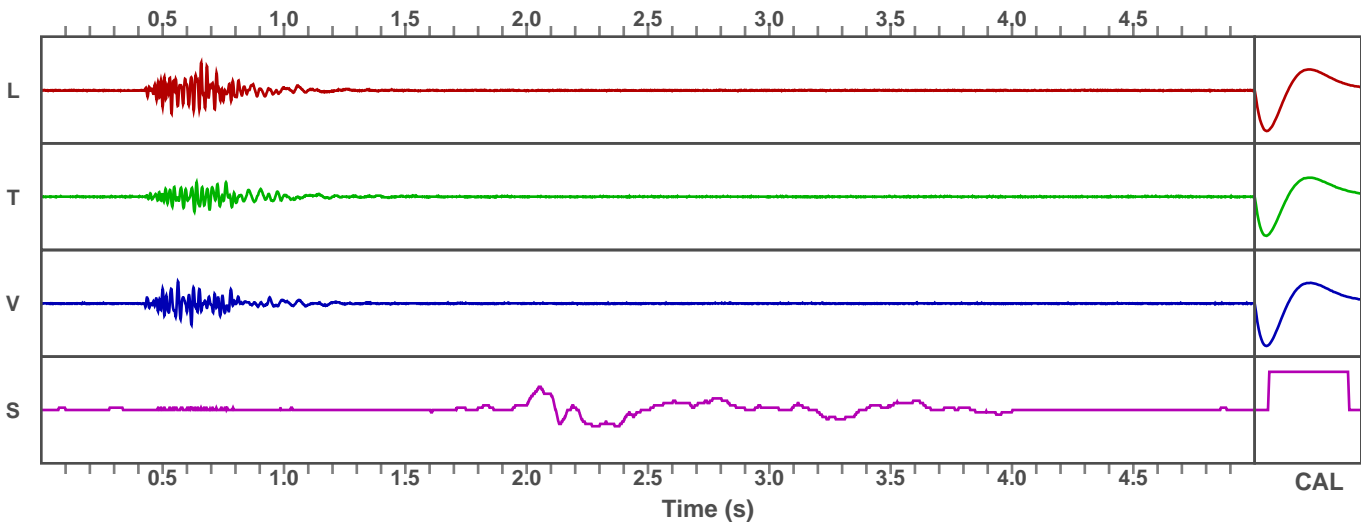


Waveform Graph Scale

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

Velocity Waveform

SSN: 9583 Event: 9



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10635
Firmware Version: 0C-06.05
Event Date: 07/30/2018 11:31:28 (UTC -07:00)
Event number: 7
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

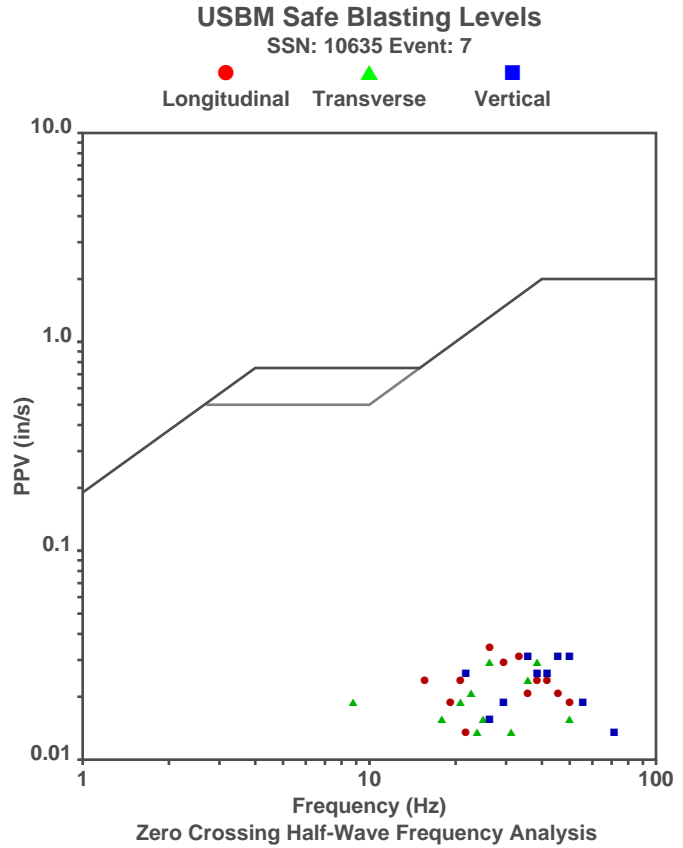
Summary Data

	L	T	V
PPV (in/s):	0.033	0.028	0.03
FREQ (HZ):	25	33.3	33.3
PD (.001"):	0.27	0.2	0.22
PPA (g):	0.026	0.02	0.026

Peak Vector Sum: 0.04 in/s
Peak Air Pressure: 108 dB
 0.0007 psi @ 1.6 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: 7

