

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 07/27/2017 11:32:55 (UTC -07:00)
Event number: 281
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

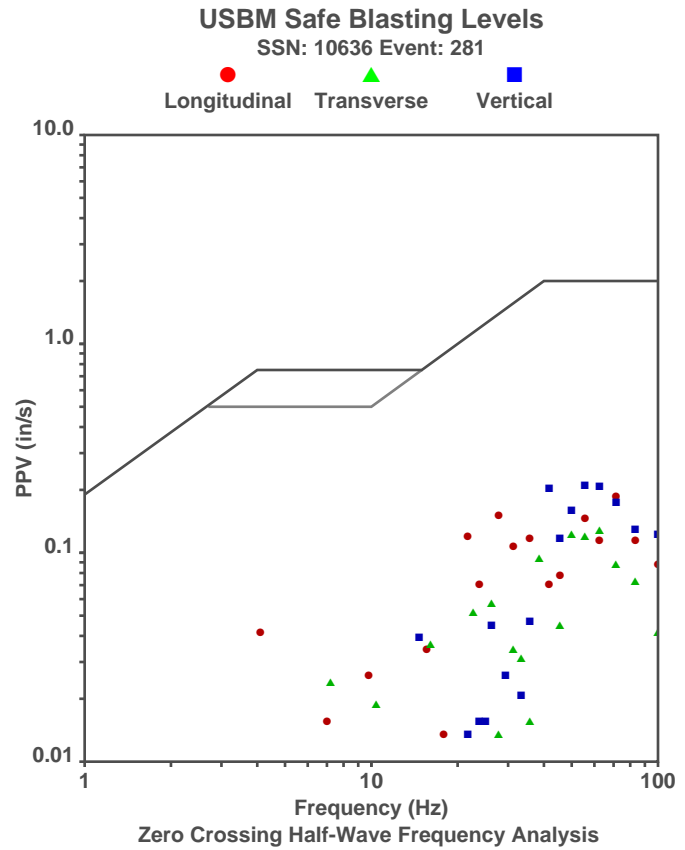
Summary Data

	L	T	V
PPV (in/s):	0.178	0.123	0.203
FREQ (HZ):	71.4	62.5	50
PD (.001"):	0.69	0.82	0.87
PPA (g):	0.176	0.117	0.228

Peak Vector Sum: 0.245 in/s
Peak Air Pressure: 109 dB
 0.0008 psi @ 5.4 HZ

Shaketable Calibrated

On: 12/06/2016 (UTC -07:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

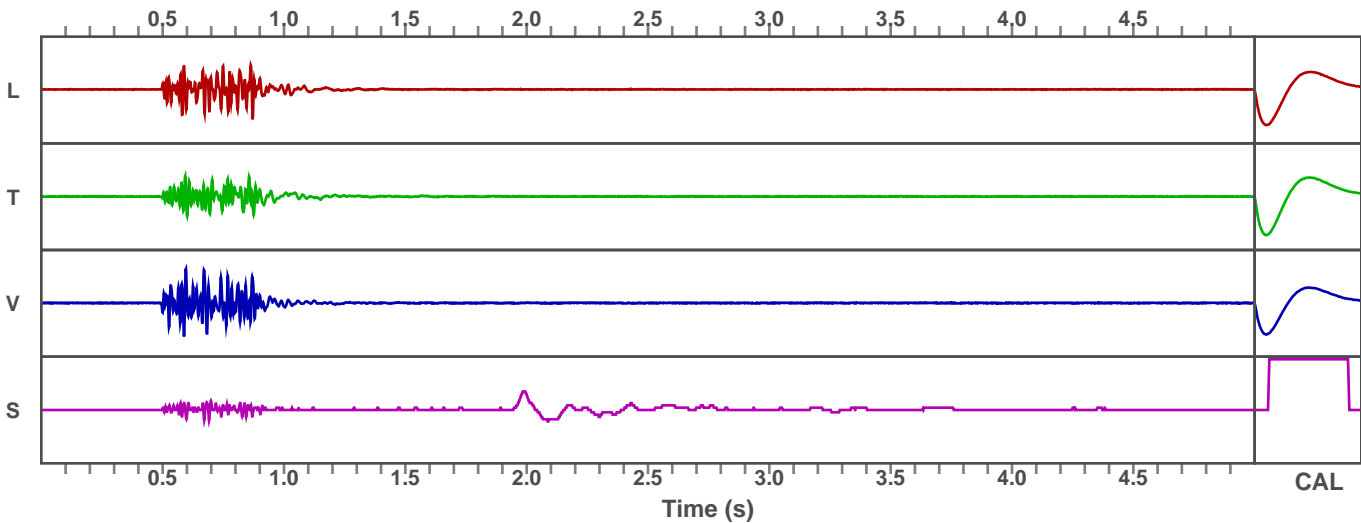


Waveform Graph Scale

Time Scale: 0.1 s
Seismic Scale: +/- 0.3045 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform

SSN: 10636 Event: 281



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 07/27/2017 11:32:55 (UTC -07:00)
Event number: 15
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):	0.055	0.065	0.075
FREQ (HZ):	35.7	23.8	27.8
PD (.001'')	0.28	0.48	0.39
PPA (g):	0.039	0.039	0.072

Peak Vector Sum: 0.08 in/s
Peak Air Pressure: 109 dB
 0.0008 psi @ 3.4 HZ

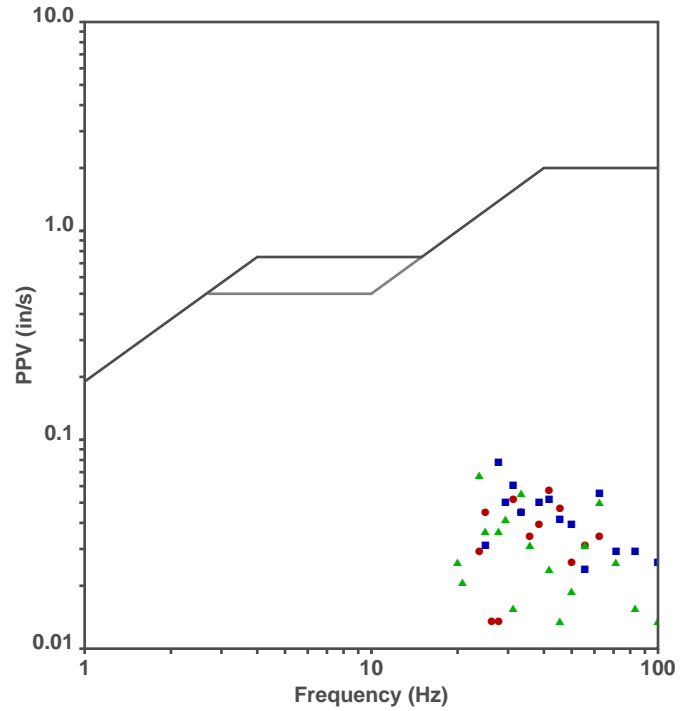
Shaketable Calibrated

On: 12/06/2016 (UTC -07:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels

SSN: 10640 Event: 15

● 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: 10640 Event: 15

