

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 09/08/2017 14:28:10 (UTC -07:00)
Event number: 330
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

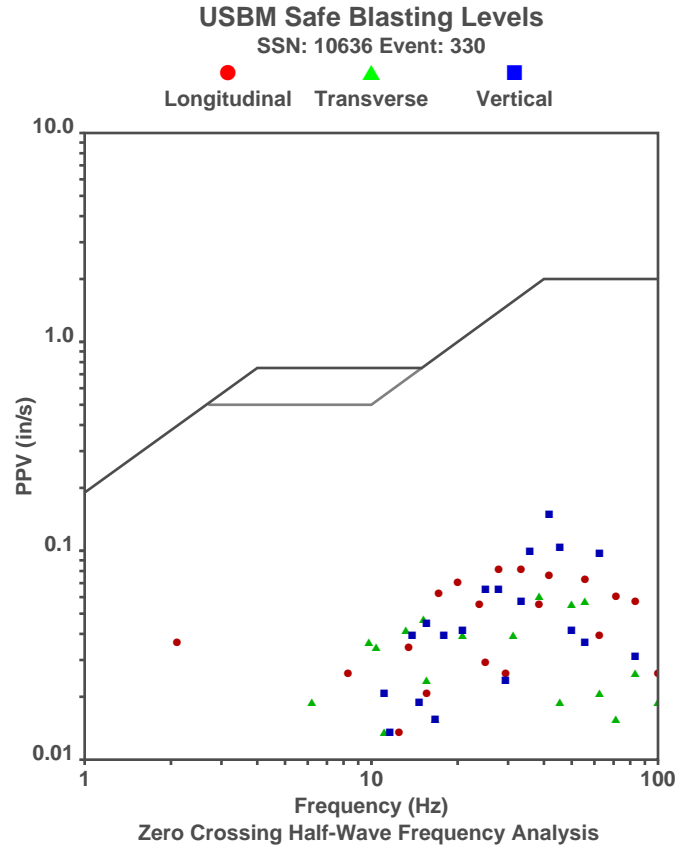
Summary Data

	L	T	V
PPV (in/s):	0.078	0.058	0.143
FREQ (HZ):	27.8	38.5	41.7
PD (.001"):	1.28	0.7	0.67
PPA (g):	0.156	0.046	0.098

Peak Vector Sum: 0.15 in/s
Peak Air Pressure: 107 dB
 0.0006 psi @ 4.7 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.

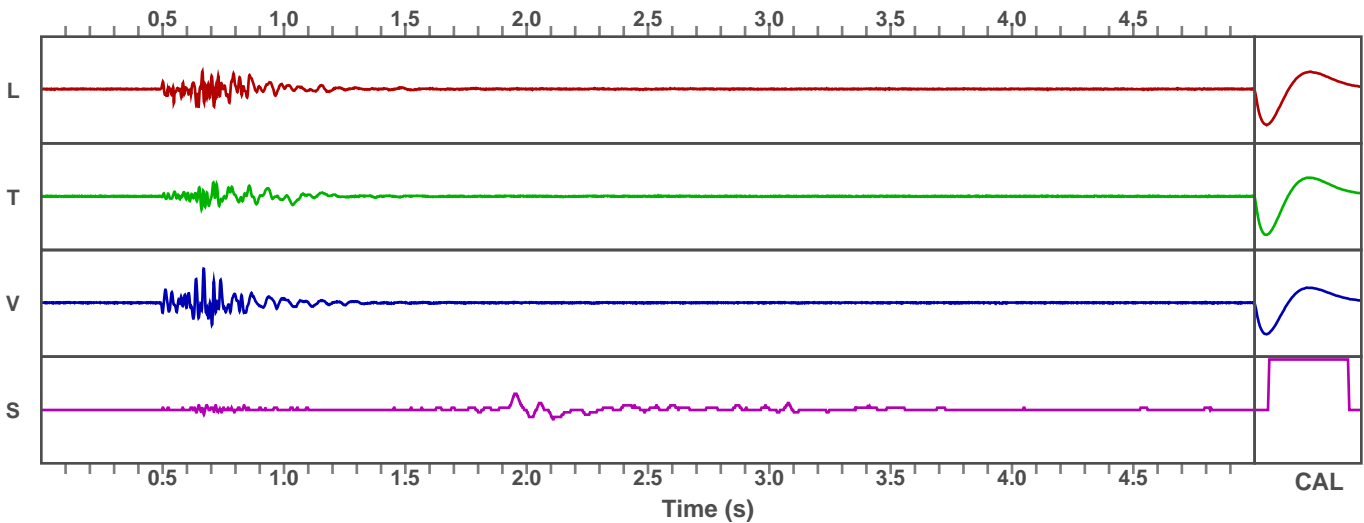


Waveform Graph Scale

Time Scale: 0.1 s
Seismic Scale: +/- 0.2145 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform

SSN: 10636 Event: 330



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 09/08/2017 14:28:08 (UTC -07:00)
Event number: 17
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):	0.068	0.058	0.07
FREQ (HZ):	41.7	38.5	41.7
PD (.001''):	0.35	0.57	0.32
PPA (g):	0.046	0.039	0.065

Peak Vector Sum: 0.085 in/s
Peak Air Pressure: 110 dB
 0.0009 psi @ 3.9 HZ

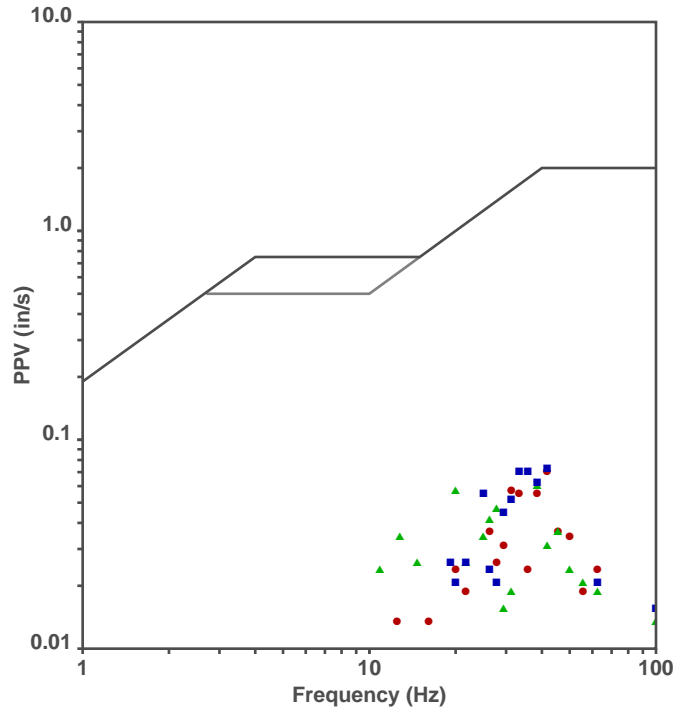
Shaketable Calibrated

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: 17

● 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: 17

