

Seismic Analysis

Velocity Waveform Analysis

Serial Number: 7543
Firmware Version: 0C-06.01
Event Date: 11/12/2015 11:50:55 (UTC -08:00)
Event number: 20
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

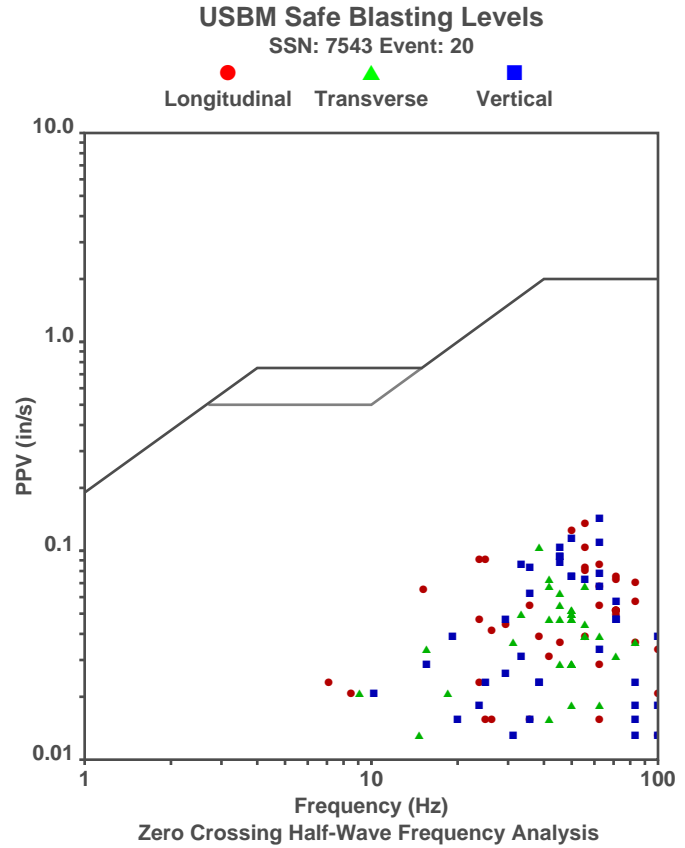
Summary Data

	L	T	V
PPV (in/s):	0.13	0.1	0.1375
FREQ (HZ):	55.6	38.5	62.5
PD (.001''):	0.6425	0.565	0.58
PPA (g):	0.1042	0.0651	0.1432

Peak Vector Sum: 0.16 in/s
Peak Air Pressure: 113.2 dB
 0.001444 psi @ 2.1 HZ

Shaketable Calibrated

On: 01/15/2015 (UTC -08:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

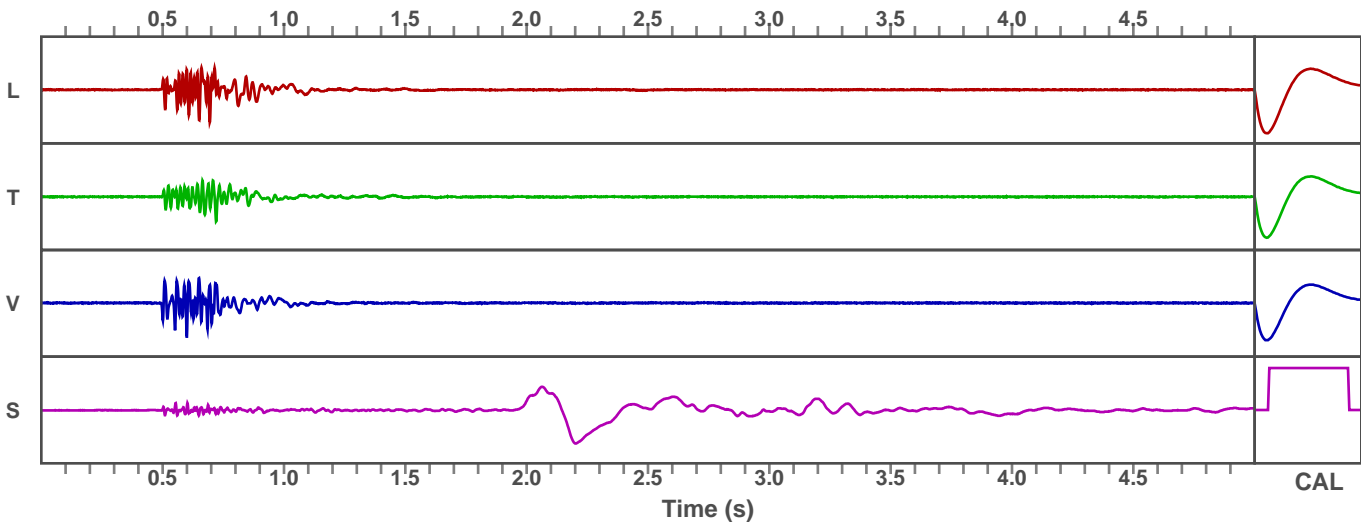


Waveform Graph Scale

Time Scale: 0.1 s
Seismic Scale: +/- 0.20625 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform

SSN: 7543 Event: 20



Seismic Analysis

Velocity Waveform Analysis

Serial Number: 7438
Firmware Version: 0C-06.01
Event Date: 11/12/2015 11:51:03 (UTC -08:00)
Event number: 16
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):	0.05	0.0425	0.0475
FREQ (HZ):	35.7	41.7	41.7
PD (.001'')	0.265	0.38	0.4225
PPA (g):	0.03255	0.02604	0.04557

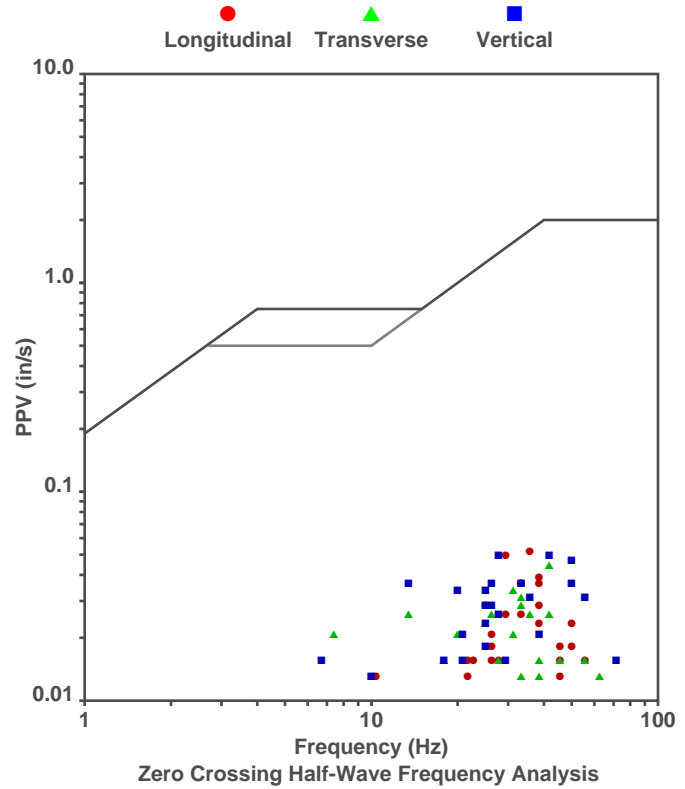
Peak Vector Sum: 0.065 in/s
Peak Air Pressure: 111.8 dB
 0.001212 psi @ 1.7 HZ

Shaketable Calibrated

On: 01/15/2015 (UTC -08:00)
By: Vibra-Tech, Inc.
 2700 Holloway Road - Suite 113
 Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels

SSN: 7438 Event: 16



Waveform Graph Scale

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

Velocity Waveform

SSN: 7438 Event: 16

