

Vibra-Tech Engineers, Inc. Seismic Analysis

Stop Event Report

Serial No: 7438 v6.1
Client: COUNTY OF MARIN
Operation: SAN RAFAEL ROCK QUARRY
Location: 16 MARIN BAY PARK CT.
Distance:
Operator: VIBRA-TECH IP2
Comment: WILLIAM HOSKEN RES.

Begin Date: 05/15/2015 07:00:45 (UTC-7)
End Date: 05/15/2015 20:00:00 (UTC-7)
Events over Trigger: 0 (8-7)
Record Time: 5.0 s
Seismic Trigger: 0.030 in/s
Sound Trigger: N/A
Battery Level: 8.1

Additional Info:

j-GEO-01252
N37 59.524, W122 27.373

Shaketable Calibrated: 01/15/2015
By: Vibra-Tech, Inc.
2700 Holloway Road - Suite 113
Louisville, KY 40299 U.S.A.
TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:



Cal Test Results:

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 7438) did not trigger during the shot on May 15, 2015 at approximately 11:33 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Vibra-Tech Engineers, Inc. Seismic Analysis Stop Event Report

Serial No: 7543 v6.1
Client: COUNTY OF MARIN
Operation: SAN RAFAEL ROCK QUARRY
Location: ON QUARRY PROPERTY
Distance:
Operator: VIBRA-TECH IP2
Comment:

Begin Date: 05/15/2015 06:00:46 (UTC-7)
End Date: 05/15/2015 20:00:00 (UTC-7)
Events over Trigger: 0 (8-7)
Record Time: 5.0 s
Seismic Trigger: 0.030 in/s
Sound Trigger: N/A
Battery Level: 8.3

Additional Info:

j-GEO-01253
N37 59.481, W122 27.256

Shaketable Calibrated: 01/15/2015
By: Vibra-Tech, Inc.
2700 Holloway Road - Suite 113
Louisville, KY 40299 U.S.A.
TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:



Cal Test Results:

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph on Quarry Property (S/N 7543) did not trigger during the shot on May 15, 2015 at approximately 11:33 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.