

# 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:** 04/29/2015 07:00:44 (UTC-7)  
**End Date:** 04/29/2015 20:00:00 (UTC-7)  
**Events over Trigger:** 0 (6-5)  
**Record Time:** 5.0 s  
**Seismic Trigger:** 0.030 in/s  
**Sound Trigger:** N/A  
**Battery Level:** 8.3

**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 April 29, 2015 at approximately 11:31 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:** 04/29/2015 06:00:44 (UTC-7)  
**End Date:** 04/29/2015 20:00:00 (UTC-7)  
**Events over Trigger:** 0 (6-5)  
**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 April 29, 2015 at approximately 11:31 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.