

# Vibra-Tech Engineers, Inc. Seismic Analysis

## Stop Event Report

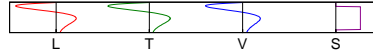
**Serial No:** 7427 v6.13  
**Client:** COUNTY OF MARIN  
**Operation:** SAN RAFAEL ROCK QUARRY  
**Location:** ON QUARRY PROPERTY  
**Distance:**  
**Operator:** VIBRA-TECH IP2  
**Comment:**

**Begin Date:** 12/05/2018 06:03:29 (UTC-8)  
**End Date:** 12/05/2018 12:22:35 (UTC-8)  
**Events over Trigger:** 0 (0--1)  
**Record Time:** 5.0 s  
**Seismic Trigger:** 0.030 in/s  
**Sound Trigger:** N/A  
**Battery Level:** 8.3

**Additional Info:**  
VIRTUAL CHECK  
j-GEO-01253  
N37 59.481, W122 27.256

**Shaketable Calibrated:** 11/09/2018  
**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 7427) did not trigger during the shot on December 5, 2018 at approximately 11:45 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.