Serial Number: 9583
Firmware Version: 0C-06.05
Event Date: 01/12/2018 11:51:58 (UTC -08:00)
Event number: 2
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

<table>
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<tr>
<th></th>
<th>L</th>
<th>T</th>
<th>V</th>
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<tbody>
<tr>
<td>PPV (in/s):</td>
<td>0.065</td>
<td>0.045</td>
<td>0.075</td>
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<td>FREQ (HZ):</td>
<td>29.4</td>
<td>16.1</td>
<td>41.7</td>
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<td>PD (.001&quot;)</td>
<td>0.56</td>
<td>0.55</td>
<td>0.44</td>
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<td>PPA (g):</td>
<td>0.052</td>
<td>0.026</td>
<td>0.065</td>
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</table>

Peak Vector Sum: 0.095 in/s
Peak Air Pressure: 113 dB
0.0013 psi @ 1.6 HZ

Shaketable Calibrated
On: 11/30/2017 (UTC -08:00)
By: Vibra-Tech, Inc.
2700 Holloway Road - Suite 113
Louisville, KY 40203 U.S.A.
Seismic Analysis
Velocity Waveform Analysis

Serial Number: 10635
Firmware Version: 0C-06.05
Event Date: 01/12/2018 11:51:58 (UTC -08:00)
Event number: 2
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

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<tbody>
<tr>
<td>PPV (in/s):</td>
<td>0.053</td>
<td>0.038</td>
<td>0.065</td>
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<td>FREQ (HZ):</td>
<td>33.3</td>
<td>27.8</td>
<td>45.5</td>
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<td>PD (.001°):</td>
<td>0.36</td>
<td>0.42</td>
<td>0.39</td>
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<tr>
<td>PPA (g):</td>
<td>0.039</td>
<td>0.02</td>
<td>0.052</td>
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Peak Vector Sum: 0.078 in/s
Peak Air Pressure: 112 dB
0.0011 psi @ 1.7 HZ

Shaketable Calibrated
On: 12/01/2017 (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: +/- 0.16 in/s
Sound Scale: +/- 0.0023 psi

USBM Safe Blasting Levels
SSN: 10635 Event: 2

Frequency (Hz)

Zero Crossing Half-Wave Frequency Analysis

Velocity Waveform
SSN: 10635 Event: 2