Seismic Analysis
Velocity Waveform Analysis

Serial Number: 9583
Firmware Version: 0C-06.05
Event Date: 10/11/2018 11:50:34 (UTC -07:00)
Event number: 17
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>
<thead>
<tr>
<th></th>
<th>L</th>
<th>T</th>
<th>V</th>
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</thead>
<tbody>
<tr>
<td>PPV</td>
<td>0.035</td>
<td>0.025</td>
<td>0.048</td>
</tr>
<tr>
<td>FREQ (HZ):</td>
<td>41.7</td>
<td>29.4</td>
<td>38.5</td>
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<tr>
<td>PD (.001&quot;)</td>
<td>0.32</td>
<td>0.22</td>
<td>0.23</td>
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<tr>
<td>PPA (g):</td>
<td>0.033</td>
<td>0.02</td>
<td>0.033</td>
</tr>
</tbody>
</table>

Peak Vector Sum: 0.055 in/s
Peak Air Pressure: 111 dB 0.001 psi @ 2.8 HZ

USBM Safe Blasting Levels
SSN: 9583 Event: 17
Longitudinal | Transverse | Vertical

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

Velocity Waveform
SSN: 9583 Event: 17

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