Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 09/08/2017 14:28:10 (UTC -07:00)
Event number: 330
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:
Serial Number: 10636 Event: 330

Summary Data

<table>
<thead>
<tr>
<th>L</th>
<th>T</th>
<th>V</th>
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<tbody>
<tr>
<td>0.078</td>
<td>0.058</td>
<td>0.143</td>
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<td>27.8</td>
<td>38.5</td>
<td>41.7</td>
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<td>1.28</td>
<td>0.7</td>
<td>0.67</td>
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<td>0.156</td>
<td>0.046</td>
<td>0.098</td>
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Peak Vector Sum: 0.15 in/s
Peak Air Pressure: 107 dB

USBM Safe Blasting Levels

Zero Crossing Half-Wave Frequency Analysis

Waveform Graph Scale
Time Scale: 0.1 s
Seismic Scale: +/- 0.2145 in/s
Sound Scale: +/- 0.0023 psi
Seismic Analysis
Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 09/08/2017 14:28:08 (UTC -07:00)
Event number: 17
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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<tr>
<th>PPV (in/s)</th>
<th>FREQ (HZ)</th>
<th>PD (.001&quot;)</th>
<th>PPA (g)</th>
<th>Peak Vector Sum</th>
<th>Peak Air Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>T</td>
<td>V</td>
<td></td>
<td>0.068</td>
<td>110 dB</td>
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<tr>
<td>0.058</td>
<td>0.07</td>
<td>41.7</td>
<td>41.7</td>
<td>0.058</td>
<td>0.0099 psi @ 3.9 HZ</td>
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<tr>
<td>0.35</td>
<td>0.32</td>
<td>0.046</td>
<td>0.065</td>
<td>0.085 in/s</td>
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</table>

USBM Safe Blasting Levels
SSN: 10640 Event: 17

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