Serial Number: 7121  
Firmware Version: 0C-06.05  
Event Date: 02/10/2016  
Event number: 14  
Recording Time: 5 s  
Client: COUNTY OF MARIN  
Operation: SAN RAFAEL ROCK QUARRY  
Location: ON QUARRY PROPERTY  
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 (in/s):</td>
<td>0.08</td>
<td>0.04</td>
<td>0.1225</td>
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<tr>
<td>FREQ (HZ):</td>
<td>50</td>
<td>45.5</td>
<td>41.7</td>
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<tr>
<td>PD (.001&quot;)</td>
<td>0.605</td>
<td>0.36</td>
<td>0.53</td>
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<tr>
<td>PPA (g):</td>
<td>0.0651</td>
<td>0.03906</td>
<td>0.1237</td>
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<tr>
<td>Peak Vector Sum:</td>
<td>-</td>
<td>-</td>
<td>0.1475 in/s</td>
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<tr>
<td>Peak Air Pressure:</td>
<td>-</td>
<td>-</td>
<td>102.3 dB</td>
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Note: Shaketable Calibrated  
On: 01/04/2016 (UTC -08:00)  
By: Vibra-Tech, Inc.  
2700 Holloway Road - Suite 113  
Louisville, KY 40203 U.S.A.

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**USBM Safe Blasting Levels**

<table>
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<th>Longitudinal</th>
<th>Transverse</th>
<th>Vertical</th>
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<tr>
<td>SSN: 7121 Event: 14</td>
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<td>-</td>
<td>-</td>
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</tbody>
</table>

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**Velocity Waveform**

**Waveform Graph Scale**

- Time Scale: 0.1 s
- Seismic Scale: +/- 0.18375 in/s
- Sound Scale: +/- 0.0023 psi

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