Seismic Analysis
Velocity Waveform Analysis

Serial Number: 9668
Firmware Version: 0C-05.18
Event Date: 07/22/2014 11:31:12 (UTC -07:00)
Event number: 5
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>
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<th>L</th>
<th>T</th>
<th>V</th>
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</thead>
<tbody>
<tr>
<td>PPV (in/s):</td>
<td>0.0875</td>
<td>0.0575</td>
<td>0.14</td>
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<tr>
<td>FREQ (HZ):</td>
<td>55.6</td>
<td>62.5</td>
<td>45.5</td>
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<tr>
<td>PD (.001&quot;)</td>
<td>0.4575</td>
<td>0.4</td>
<td>0.6125</td>
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<tr>
<td>PPA (g):</td>
<td>0.07812</td>
<td>0.0651</td>
<td>0.1302</td>
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<tr>
<td>Peak Vector Sum:</td>
<td>0.1575 in/s</td>
<td></td>
<td></td>
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<tr>
<td>Peak Air Pressure:</td>
<td>109 dB</td>
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Shaketable Calibrated
On: 01/29/2014 (UTC -07:00)
By: Vibra-Tech, Inc.
2700 Holloway Road - Suite 113
Louisville, KY 40203 U.S.A.

USBM Safe Blasting Levels
SSN: 9668 Event: 5

Waveform Graph Scale
Time Scale: 0.1 s
Seismic Scale: +/- 0.21 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform
SSN: 9668 Event: 5