Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 07/13/2017 11:54:50 (UTC -07:00)
Event number: 251
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</td>
<td>0.085</td>
<td>0.06</td>
<td>0.105</td>
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<tr>
<td>FREQ (HZ):</td>
<td>45.5</td>
<td>17.9</td>
<td>41.7</td>
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<td>PD (.001&quot;)</td>
<td>0.57</td>
<td>0.78</td>
<td>0.57</td>
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<td>PPA (g):</td>
<td>0.072</td>
<td>0.052</td>
<td>0.085</td>
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Peak Vector Sum: 0.13 in/s
Peak Air Pressure: 110 dB
Shaketable Calibrated
On: 12/06/2016 (UTC -07:00)
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: 10636 Event: 251

Velocity Waveform
SSN: 10636 Event: 251

Printed: July 13, 2017 File: 0000054803_201707.g3k (GeoSonics Inc. PDFGenerator v 1.0)
Seismic Analysis
Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 07/13/2017 11:54:47 (UTC -07:00)
Event number: 14
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>
<td>PPV (in/s):</td>
<td>0.075</td>
<td>0.053</td>
<td>0.063</td>
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<td>FREQ (HZ):</td>
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<td>27.8</td>
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<td>PD (.001”):</td>
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<td>0.46</td>
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<tr>
<td>PPA (g):</td>
<td>0.046</td>
<td>0.033</td>
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</table>

Peak Vector Sum: 0.083 in/s
Peak Air Pressure: 108 dB
Peak Air Pressure @ 2.6 HZ: 0.0007 psi @ 2.6 HZ

USBM Safe Blasting Levels
SSN: 10640 Event: 14

Shaketable Calibrated
On: 12/06/2016 (UTC -07:00)
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

Velocity Waveform
SSN: 10640 Event: 14

Printed: July 13, 2017 File: 0000054805_201707.g3k (GeoSonic Inc. PDFGenerator v 1.0)