Seismic Analysis
Velocity Waveform Analysis

Serial Number: 10636
Firmware Version: 0C-06.05
Event Date: 09/26/2017 11:39:26 (UTC -07:00)
Event number: 363
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>
</tr>
</thead>
<tbody>
<tr>
<td>PPV (in/s):</td>
<td>0.088</td>
<td>0.083</td>
<td>0.13</td>
</tr>
<tr>
<td>FREQ (HZ):</td>
<td>35.7</td>
<td>45.5</td>
<td>45.5</td>
</tr>
<tr>
<td>PD (.001&quot;):</td>
<td>0.72</td>
<td>0.49</td>
<td>0.51</td>
</tr>
<tr>
<td>PPA (g):</td>
<td>0.091</td>
<td>0.078</td>
<td>0.117</td>
</tr>
</tbody>
</table>

Peak Vector Sum: 0.15 in/s
Peak Air Pressure: 105 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.

USBM Safe Blasting Levels
SSN: 10636 Event: 363

Waveform Graph Scale
Time Scale: 0.1 s
Seismic Scale: +/- 0.195 in/s
Sound Scale: +/- 0.0023 psi

Velocity Waveform
SSN: 10636 Event: 363
Seismic Analysis
Velocity Waveform Analysis

Serial Number: 10640
Firmware Version: 0C-06.05
Event Date: 09/26/2017 11:39:26 (UTC -07:00)
Event number: 18
Recording Time: 5 s
Client: COUNTY OF MARIN
Operation: SAN RAFAEL ROCK QUARRY
Location: 16 MARIN BAY PARK CT.
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

<table>
<thead>
<tr>
<th></th>
<th>L</th>
<th>T</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPV (in/s)</td>
<td>0.053</td>
<td>0.028</td>
<td>0.055</td>
</tr>
<tr>
<td>FREQ (HZ)</td>
<td>38.5</td>
<td>45.5</td>
<td>55.6</td>
</tr>
<tr>
<td>PD (.001&quot;)</td>
<td>0.43</td>
<td>0.34</td>
<td>0.23</td>
</tr>
<tr>
<td>PPA (g)</td>
<td>0.046</td>
<td>0.026</td>
<td>0.046</td>
</tr>
</tbody>
</table>

Peak Vector Sum: 0.06 in/s
Peak Air Pressure: 111 dB
0.001 psi @ 1.9 HZ

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: 18

USBM Safe Blasting Levels
SSN: 10640 Event: 18
Longitudinal  Transverse  Vertical

Printed: September 26, 2017 File: 0000120725_201709.g3k (GeoSons Inc. PDFGenerator v 1.0)