Date/Time: Long at 16:07:16 January 9, 2009
Trigger Source: Geo: 2.00 mm/s
Range: Geo: 254 mm/s
Record Time: 3.0 sec at 1024 sps
Job Number: 1
Operator/Setup: Dave Smith/custom.nsb

GPS Location:
Source: 45.34104 N 075.90547 W
Sensor1: 45.34170 N 075.90599 W 139.59 m

Notes
Location: North Pole Tunnel
Client: Best Blasting
User Name: Dave Smith
General: Sandbagged on ground

Extended Notes
In back of blast 140 meters.

Microphone: Linear Weighting
PSPL: 34.8 pa.(L) at 0.621 sec
ZC Freq: 4.7 Hz
Channel Test: Passed (Freq = 19.6 Hz Amp = 1884 mv)

<table>
<thead>
<tr>
<th></th>
<th>Tran</th>
<th>Vert</th>
<th>Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPV</td>
<td>10.8</td>
<td>12.5</td>
<td>11.6</td>
</tr>
<tr>
<td>ZC Freq</td>
<td>&gt;100</td>
<td>85</td>
<td>37</td>
</tr>
<tr>
<td>Time (Rel. to Trig)</td>
<td>0.637</td>
<td>0.584</td>
<td>0.414</td>
</tr>
<tr>
<td>Peak Acceleration</td>
<td>0.824</td>
<td>0.826</td>
<td>0.513</td>
</tr>
<tr>
<td>Peak Displacement</td>
<td>0.0219</td>
<td>0.0239</td>
<td>0.0487</td>
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<tr>
<td>Sensor Check</td>
<td>Passed</td>
<td>Passed</td>
<td>Passed</td>
</tr>
<tr>
<td>Frequency</td>
<td>7.3</td>
<td>7.4</td>
<td>7.5</td>
</tr>
<tr>
<td>Overswing Ratio</td>
<td>4.0</td>
<td>3.8</td>
<td>4.1</td>
</tr>
<tr>
<td>Peak Vector Sum</td>
<td>14.1</td>
<td>mm/s</td>
<td>at 0.414</td>
</tr>
</tbody>
</table>

USBM RI8507 And OSMRE

Frequency (Hz)
Tran: + Vert: x Long: o

Time Scale: 0.20 sec/div Amplitude Scale: Geo: 5.00 mm/s/div Mic: 10.00 pa.(L)/div

Blastware Compliance Module
Series IV - Waveform Event Report Sample

Serial Number: MP12535 V 10 Minimate Pro6
Battery Level: 4.1 Volts
Unit Calibration: January 5, 2009 by Instantel
Geo1 Calibration: MMP14, January 5, 2009 by Instantel
Mic Calibration: SL12544, January 5, 2009 by Instantel
File Name: MP12535_20081117160716W.IDF

Post Event Notes
Light rain and total cloud cover at the time of the blast.