

Waveform Compliance Report



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Waveform Trigger Source
Trigger Level(s)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at February 5, 2020 13:00:03
Geo 0.0300 in/s, Mic 0.01029 psi
0.25 sec/5.0 sec (Fixed)
4096 sps
Springs.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM12345
Micromate ISEE 10.89
4.2 volts
Jan 1, 2020 by Instantel
UM12345_20200205130003.IDFW
Disabled

Notes

Location
Client
Company
General Notes

Highway 101
Construction
Quarry

GPS Location

Source Location
Sensor Location
Distance
Scaled Distance

Latitude

45 20.525 N
45 20.503 N
529.9 ft
26.0 (529.9 ft, 416.0 lb)

Longitude

75 54.445 W
75 54.318 W

Extended Notes

Post Event Notes

Geophone

Peak Particle Velocity
Peak Particle Velocity (Ponderated)
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

Tran

1.0150 in/s
0.6587 in/s
0.1295 dB
48.8 Hz
0.269 sec
0.796 g
0.003 in
✓ Passed
7.1 Hz
4.9

Vert

0.3882 in/s
0.1898 in/s
8.2190 dB
85.3 Hz
0.103 sec
0.504 g
0.001 in
✓ Passed
7.3 Hz
4.5

Long

0.5198 in/s
0.3709 in/s
5.6838 dB
45.5 Hz
0.309 sec
0.556 g
0.002 in
✓ Passed
7.3 Hz
4.5

Peak Vector Sum

1.0186 in/s at 0.269 sec

ISEE Linear Microphone

Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.002331 psi
118.1 dB(L)
0.890 sec
5.7 Hz
✓ Passed
19.7 Hz
1510 mv

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)

