



Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

April 11, 2022 00:00:05
April 11, 2022 22:55:49
1375.72/60 sec
4096 sps
Spicewood Hwy 71 - Noise 2.mmb
Operator

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

UM13917
Micromate ISEE 10.90FB
3.8 volts
November 23, 2021 by Instantel
UA10859, September 30, 2021 by Instantel
UM13917_20220411000005.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Noise 2
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note Station 5N30.49911 W98.21538

Post Event Notes No text to be displayed.

Sound Level Microphone

LMax
Date
Time

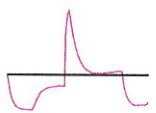
A-Weight Slow

66.3 dB(A)
Apr 11, 2022
01:08:05

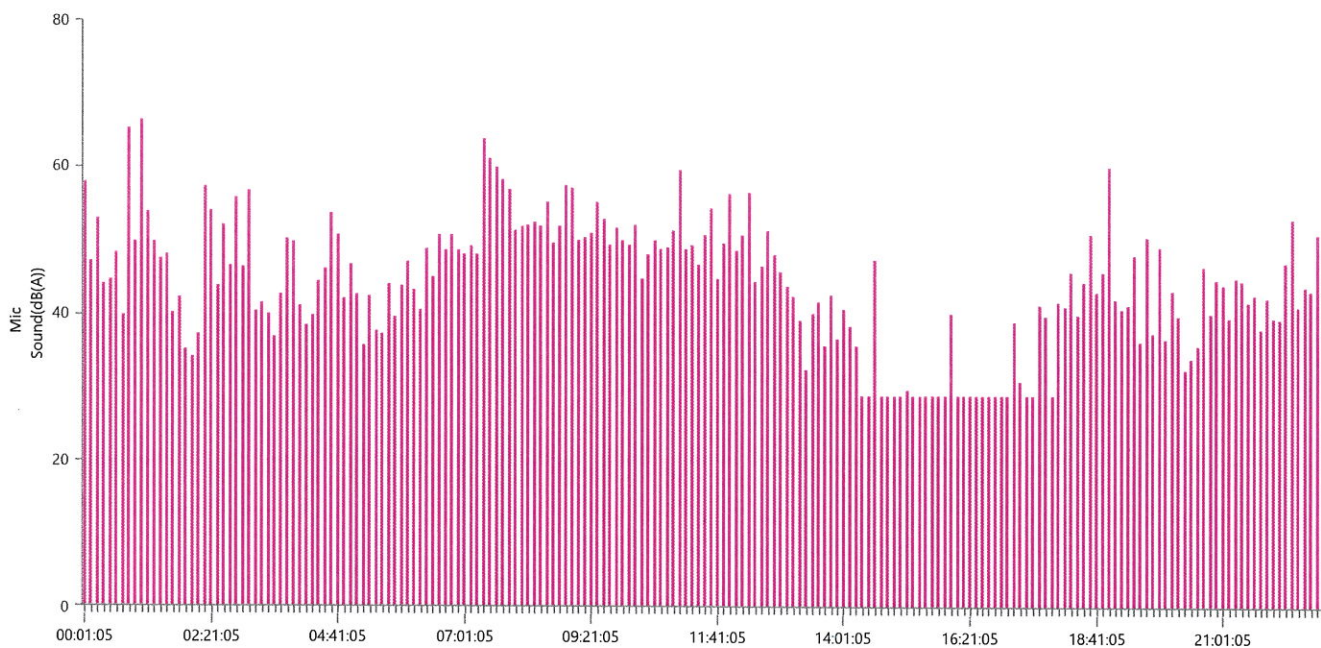
Sound(dB(A))
Sensor Check
Test Amplitude

LMin	L10	L90	Leq
<30	<30	<30	<30
✓ Passed			
1073 mv			

Sensor Check



✓ Passed





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

April 11, 2022 00:00:19
April 11, 2022 22:23:47
1343.45/60 sec
4096 sps
Spicewood Hwy 71 - Noise 3.mmb
Operator

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

UM13416
Micromate ISEE 10.90FB
3.8 volts
August 24, 2021 by Instantel
UM13416_20220411000019.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Noise 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.490958 W98.213495

Post Event Notes No text to be displayed.

Sound Level Microphone

LMax
Date
Time

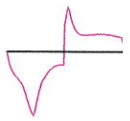
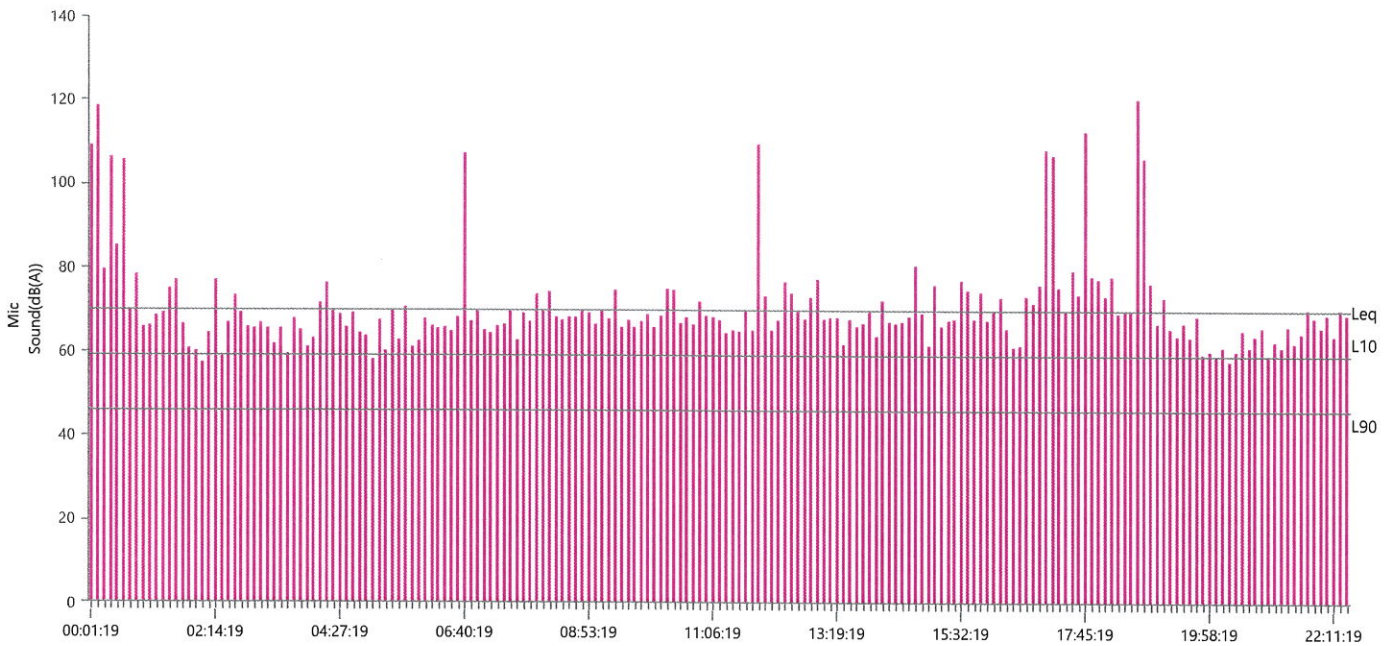
A-Weight Slow

120.4 dB(A)
Apr 11, 2022
18:47:19

Sound(dB(A))
Sensor Check
Test Amplitude

LMin	L10	L90	Leq
<30	59	46	70.0
✓ Passed			
977 mv			

Sensor Check



✓ Passed

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

Long at April 11, 2022 10:35:33
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 1.mmb
Operator

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

UM8173
Micromate ISEE 10.90FB
3.8 volts
September 2, 2021 by Instantel
UM8173_20220411103533.IDFW
Disabled

Notes

Location Station 1
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.49572 W98.21577

Post Event Notes No text to be displayed.

Geophone

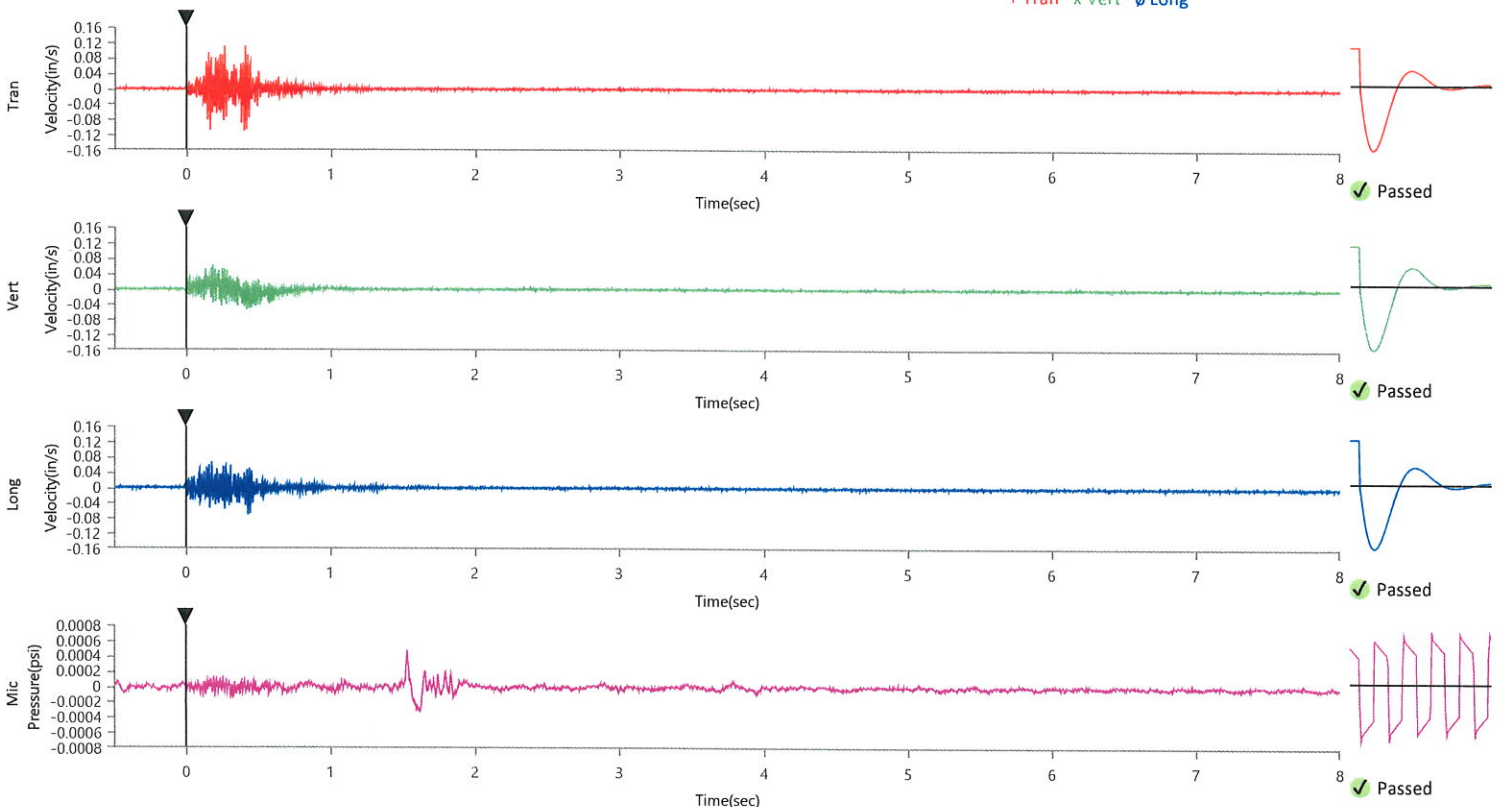
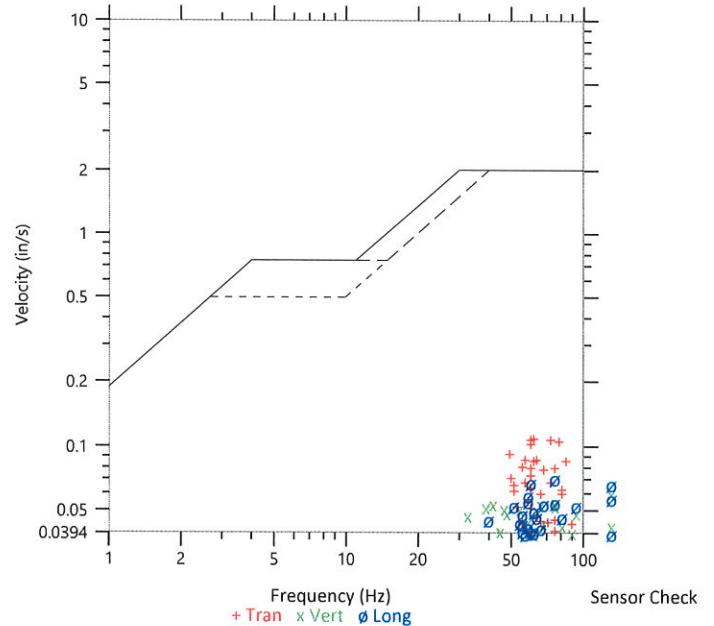
	Tran	Vert	Long
Peak Particle Velocity	0.1111 in/s	0.0618 in/s	0.0711 in/s
Zero Crossing Frequency	62.1 Hz	>100 Hz	78.8 Hz
Time (Relative to Trigger)	0.408 sec	0.183 sec	0.430 sec
Peak Acceleration	0.155 g	0.105 g	0.122 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.0	3.4	3.5

Peak Vector Sum 0.1254 in/s at 0.265 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000479 psi
Peak Sound Pressure Level 104.4 dB(L)
Time (Relative to Trigger) 1.531 sec
Zero Crossing Frequency 5.9 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1329 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at April 11, 2022 10:35:34
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 2.mmb
Operator

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

UM9068
Micromate ISEE 10.90FB
3.8 volts
December 2, 2021 by Instantel
UM9068_20220411103534.IDFW
Disabled

Notes

Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

Extended Note N30.49650 W21572

Post Event Notes No text to be displayed.

Geophone

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

Tran

0.0521 in/s
>100 Hz
0.185 sec
0.102 g
0.000 in
✓ Passed
7.3 Hz
4.0

Vert

0.0559 in/s
41.8 Hz
0.135 sec
0.086 g
0.000 in
✓ Passed
7.7 Hz
3.7

Long

0.0524 in/s
>100 Hz
0.183 sec
0.095 g
0.000 in
✓ Passed
7.5 Hz
3.5

Peak Vector Sum

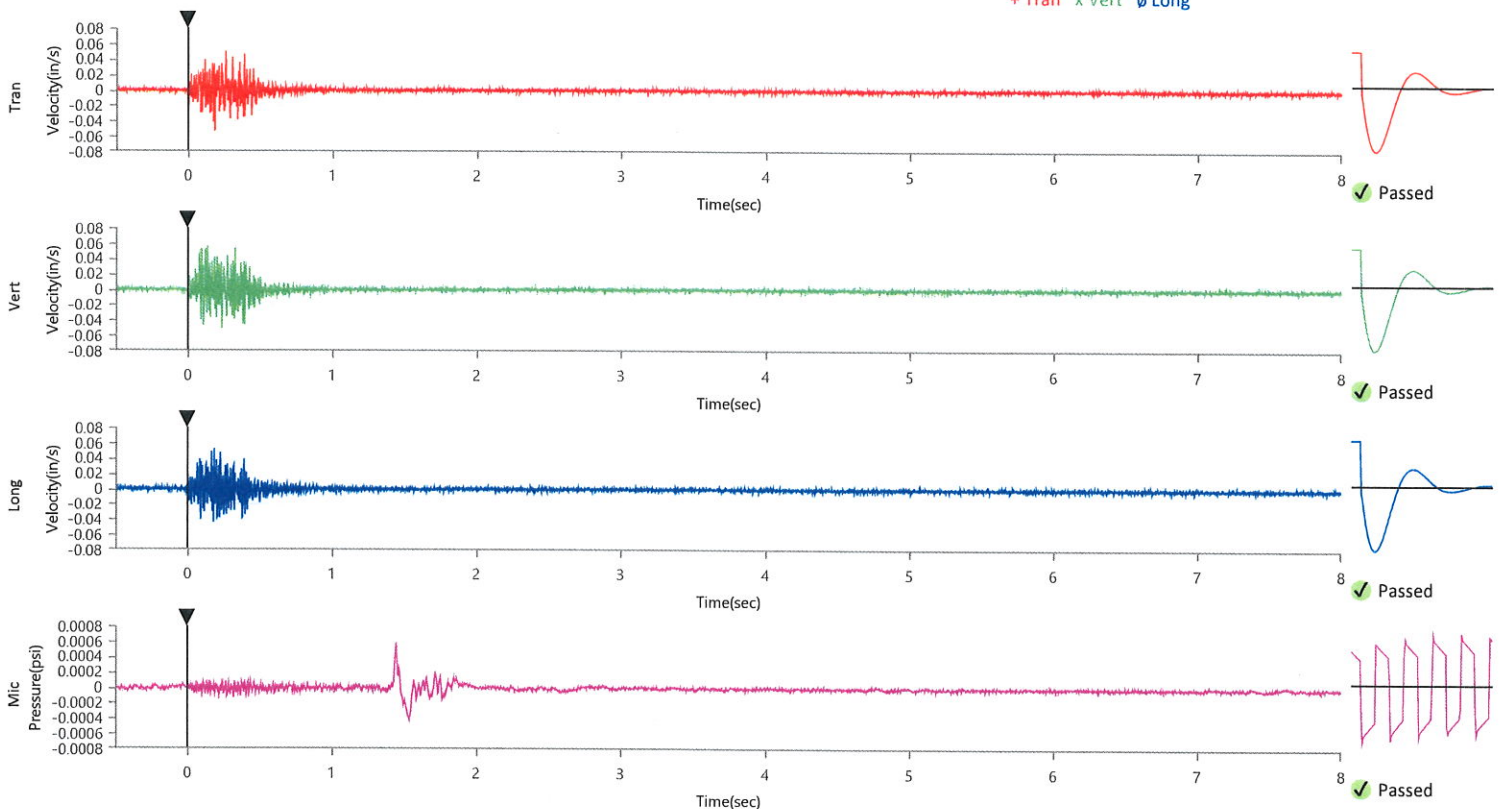
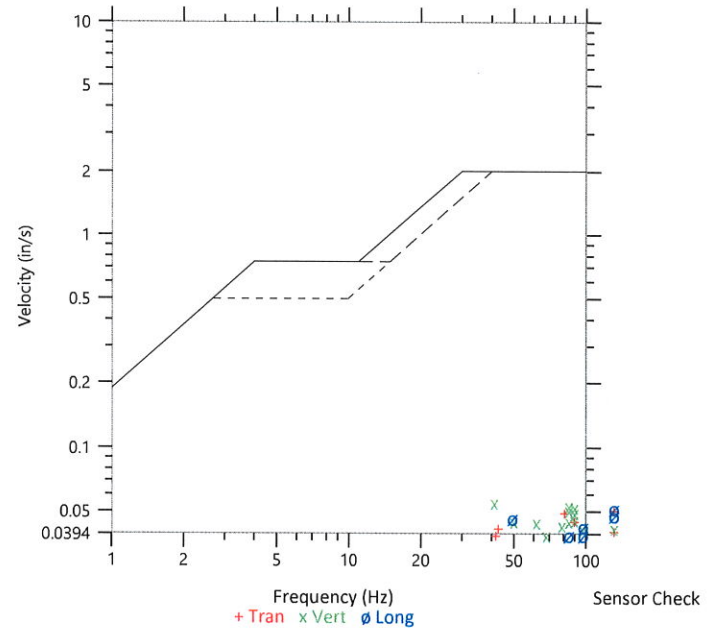
0.0777 in/s at 0.184 sec

ISEE Linear Microphone

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

0.000583 psi
106.1 dB(L)
1.444 sec
9.4 Hz
✓ Passed
19.7 Hz
1293 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at April 11, 2022 10:35:33
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 3.mmb
Operator

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

UM6460
Micromate ISEE 10.90FB
3.8 volts
September 9, 2021 by Instantel
UM6460_20220411103533.IDFW
Disabled

Notes

Location
Client
Company
General Notes

Station 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49742 W98.21566

Post Event Notes No text to be displayed.

Geophone

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

Tran	Vert	Long
0.0897 in/s	0.0794 in/s	0.0732 in/s
55.4 Hz	>100 Hz	56.9 Hz
0.234 sec	0.197 sec	0.093 sec
0.138 g	0.151 g	0.132 g
0.000 in	0.000 in	0.000 in
✗ Check	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.5 Hz
3.0	3.7	3.4

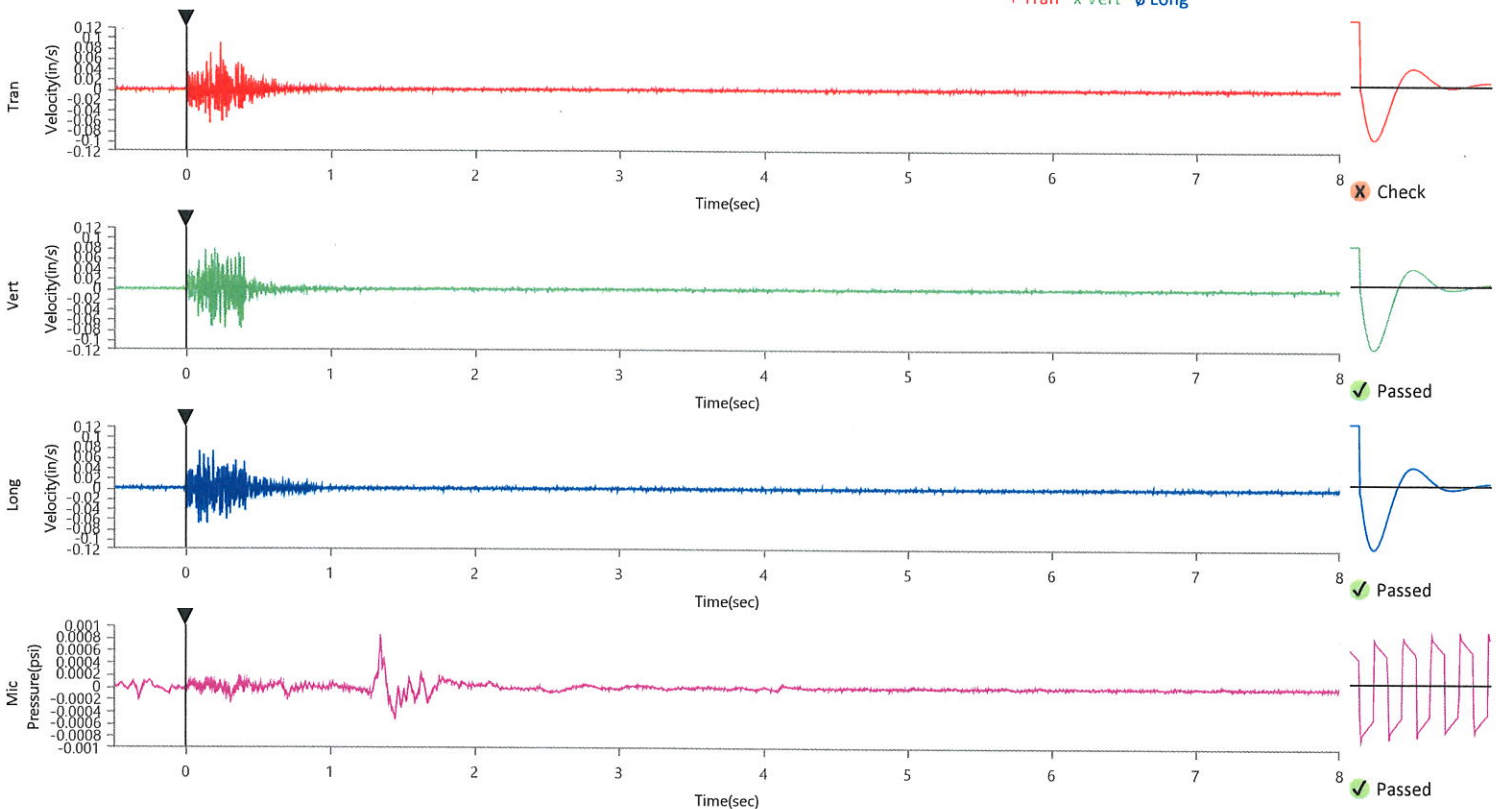
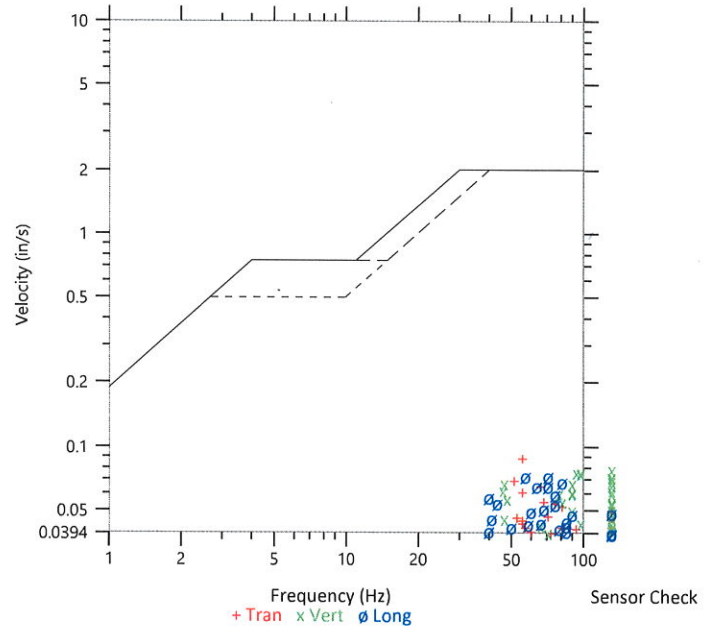
Peak Vector Sum 0.1150 in/s at 0.234 sec

ISEE Linear Microphone

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

0.000848 psi
109.3 dB(L)
1.348 sec
5.2 Hz
✓ Passed
19.7 Hz
1294 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at April 11, 2022 10:35:33
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 4.mmb
Operator

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

UM7153
Micromate ISEE 10.90FB
3.8 volts
September 16, 2021 by Instantel
UM7153_20220411103533.IDFW
Disabled

Notes

Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.49821 W98.21578

Post Event Notes No text to be displayed.

Geophone

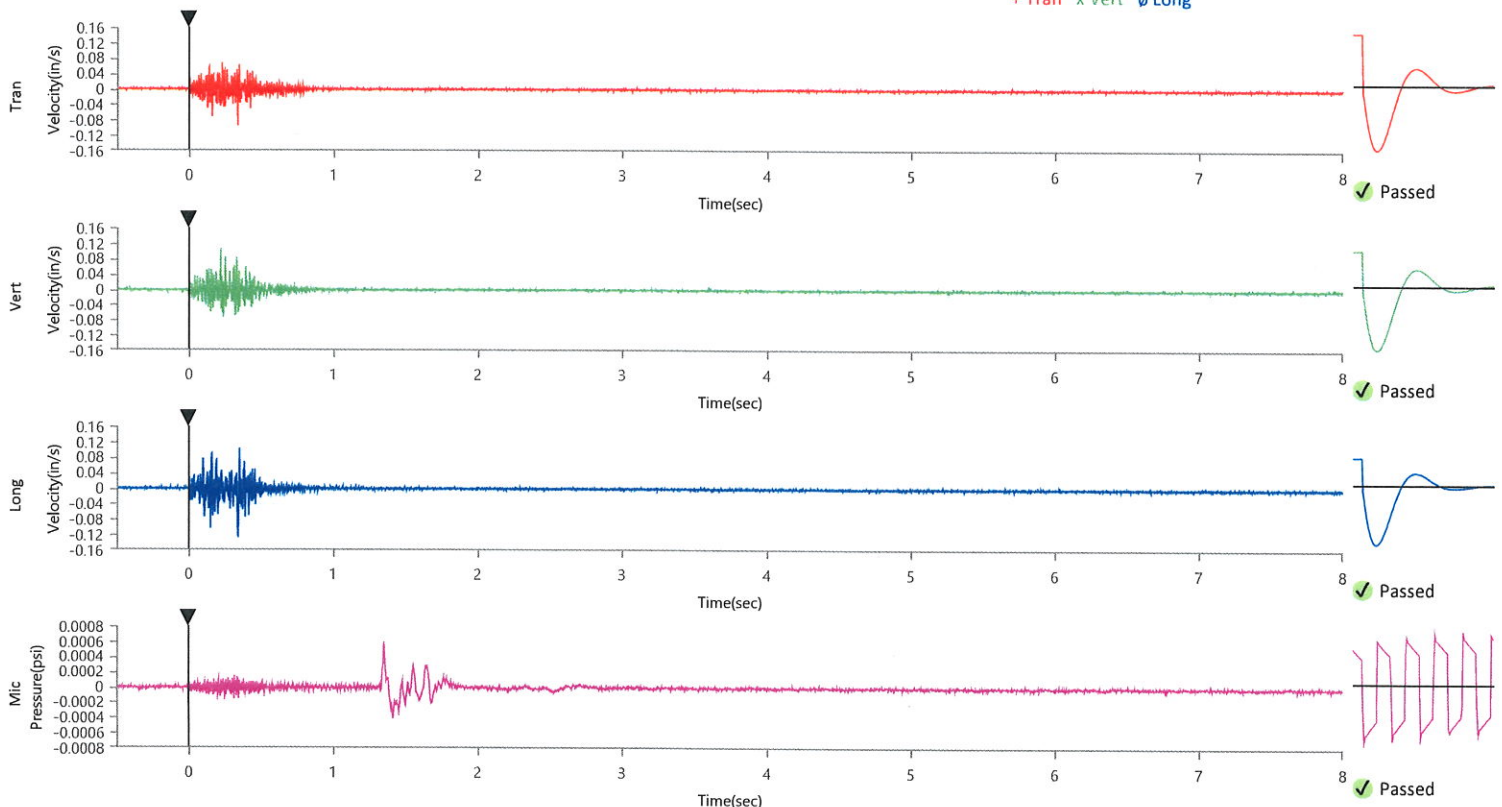
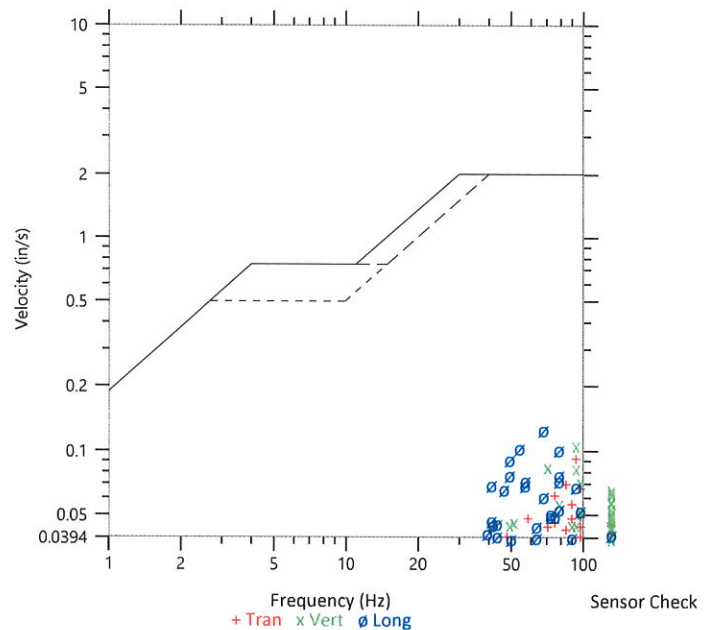
	Tran	Vert	Long
Peak Particle Velocity	0.0943 in/s	0.1080 in/s	0.1269 in/s
Zero Crossing Frequency	93.1 Hz	93.1 Hz	68.3 Hz
Time (Relative to Trigger)	0.337 sec	0.219 sec	0.343 sec
Peak Acceleration	0.125 g	0.171 g	0.142 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.5	3.6	4.6

Peak Vector Sum 0.1447 in/s at 0.343 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000596 psi
Peak Sound Pressure Level 106.3 dB(L)
Time (Relative to Trigger) 1.352 sec
Zero Crossing Frequency 9.2 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1333 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at April 11, 2022 10:35:34
 Geo 0.0200 in/s
 Mic 0.01029 psi, 131 dB(L)
 0.50 sec/8.0 sec (Fixed)
 4096 sps
 Spicewood Hwy 71 - Station 5.mmb
 Operator

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

UM13415
 Micromate ISEE 10.90FB
 3.8 volts
 September 16, 2021 by Instantel
 UM13415_20220411103534.IDFW
 Disabled

Notes

Location Station 5
 Client Spicewood Crushed Stone
 Company Hwy 71 Quarry
 General Notes IGS, Inc.

Extended Note N30.49911 W98.21538

Post Event Notes No text to be displayed.

Geophone

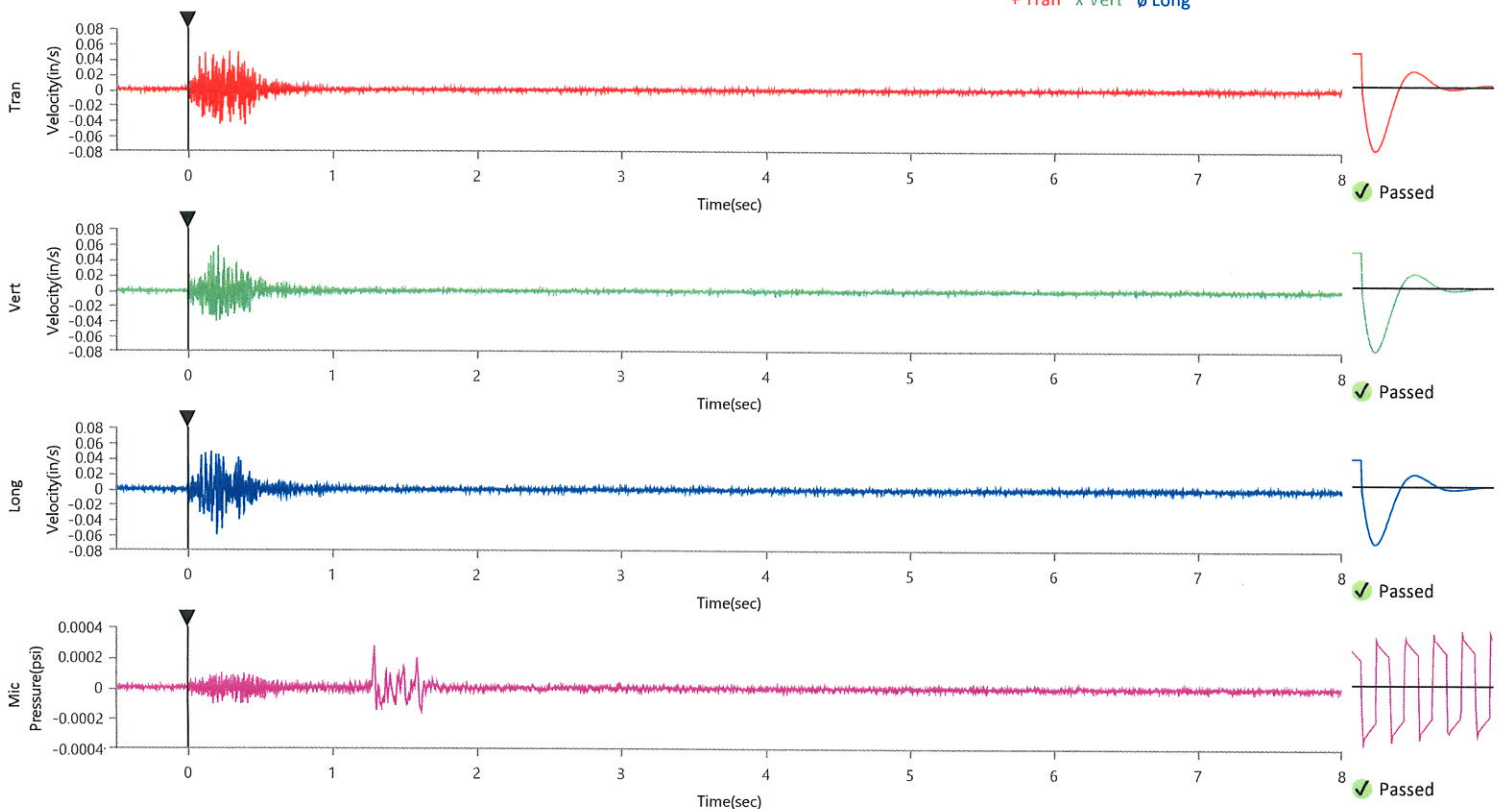
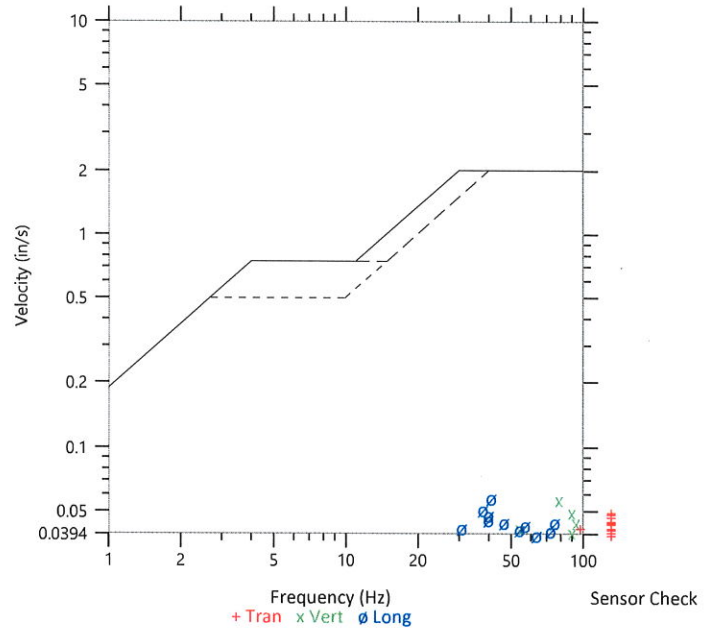
	Tran	Vert	Long
Peak Particle Velocity	0.0500 in/s	0.0574 in/s	0.0590 in/s
Zero Crossing Frequency	>100 Hz	78.8 Hz	41.0 Hz
Time (Relative to Trigger)	0.286 sec	0.207 sec	0.199 sec
Peak Acceleration	0.109 g	0.092 g	0.109 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.0	4.5	4.9

Peak Vector Sum 0.0706 in/s at 0.206 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000277 psi
 Peak Sound Pressure Level 99.6 dB(L)
 Time (Relative to Trigger) 1.289 sec
 Zero Crossing Frequency 14.9 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1332 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Vert at April 11, 2022 10:35:34
 Geo 0.0200 in/s
 Mic 0.01029 psi, 131 dB(L)
 0.50 sec/8.0 sec (Fixed)
 4096 sps
 Spicewood Hwy 71 - Station 6.mmb
 Operator

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

UM7453
 Micromate ISEE 10.90FB
 3.8 volts
 September 16, 2021 by Instantel
 UM7453_20220411103534.IDFW
 Disabled

Notes

Location Station 6
 Client Spicewood Crushed Stone
 Company Hwy 71 Quarry
 General Notes IGS, Inc.

Extended Note N30.495113 W98.206539

Post Event Notes No text to be displayed.

Geophone

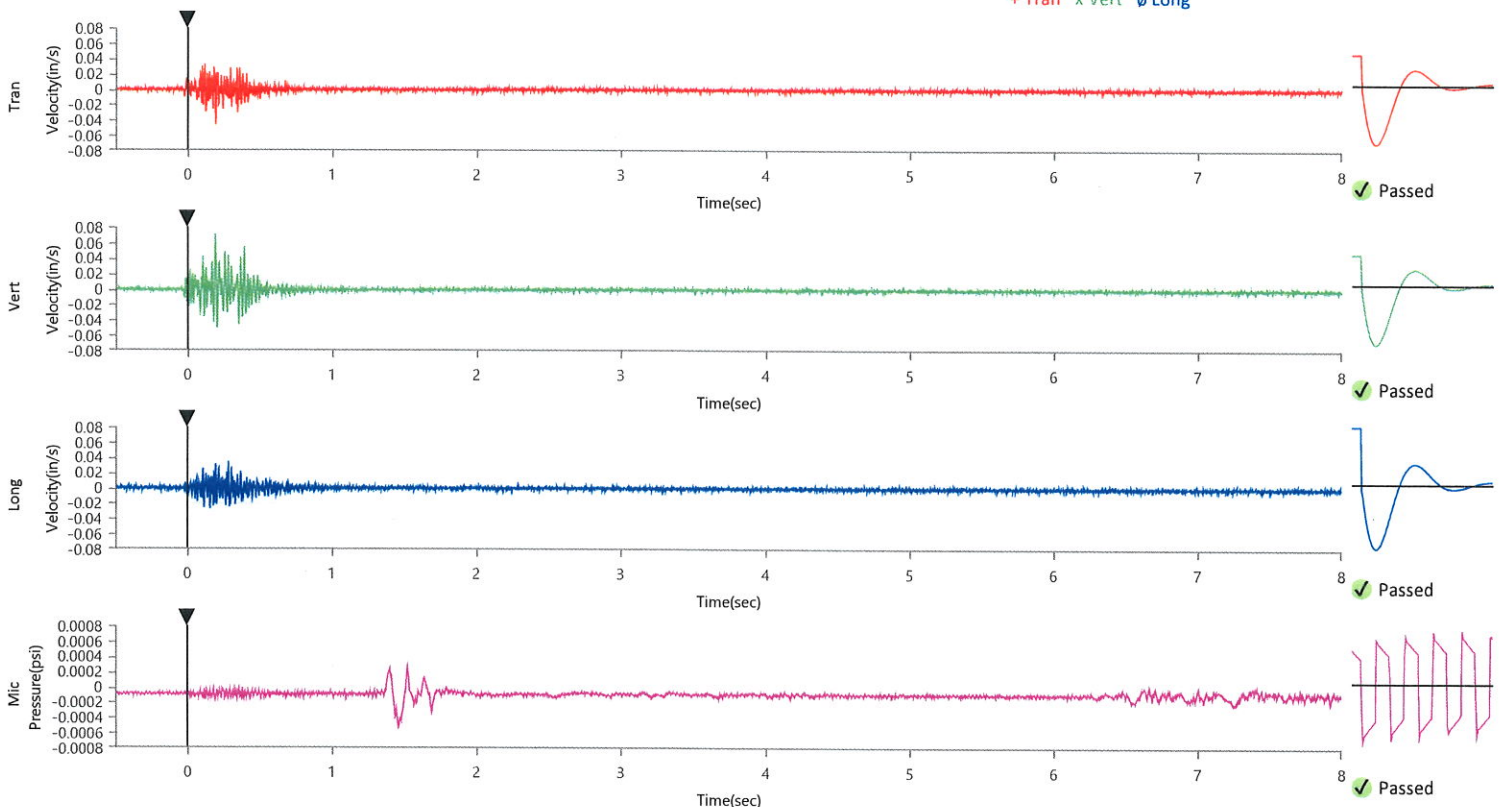
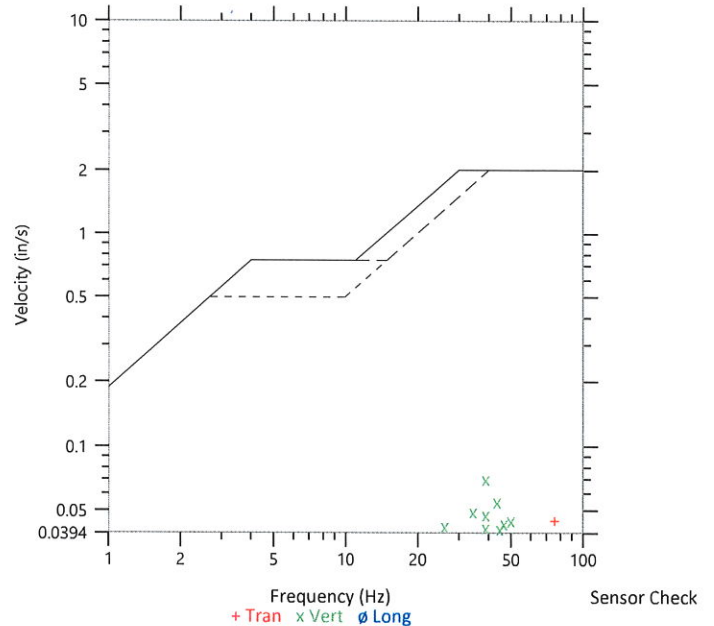
	Tran	Vert	Long
Peak Particle Velocity	0.0462 in/s	0.0717 in/s	0.0348 in/s
Zero Crossing Frequency	75.9 Hz	38.6 Hz	64.0 Hz
Time (Relative to Trigger)	0.193 sec	0.192 sec	0.282 sec
Peak Acceleration	0.056 g	0.063 g	0.056 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	3.6	3.6	3.0

Peak Vector Sum 0.0845 in/s at 0.193 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000536 psi
 Peak Sound Pressure Level 105.3 dB(L)
 Time (Relative to Trigger) 1.459 sec
 Zero Crossing Frequency 5.4 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1321 mv

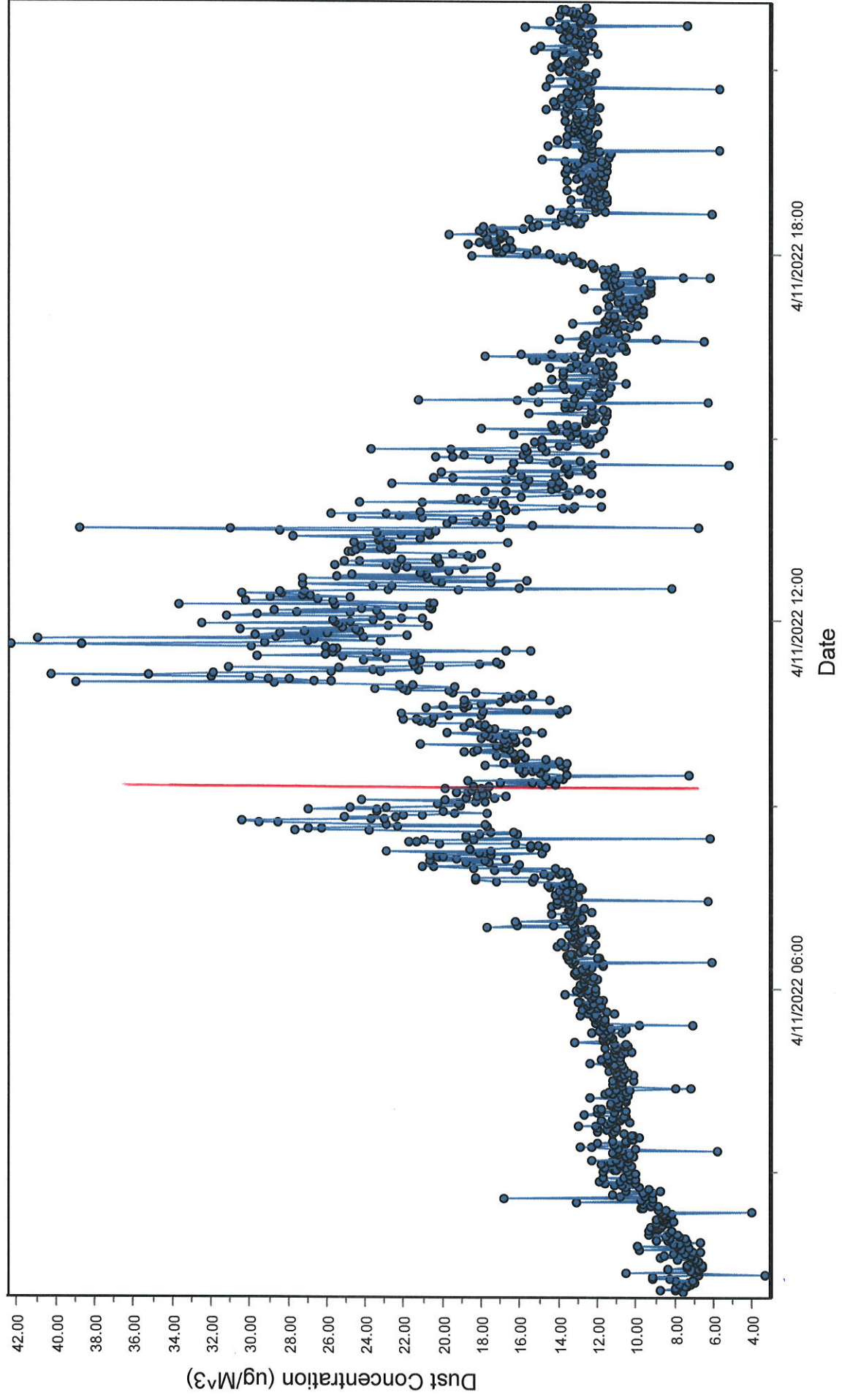
USBM RI8507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor

● D100@AvgPartL



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

● D100@AvgPartL

