

Spicewood Hwy 71 - Station 5

Spicewood Hwy 71 North Dust

Spicewood Hwy 71 - Station 4

Spicewood Hwy 71 - Station 3

Spicewood Hwy 71 - Station 2

Spicewood Hwy 71 - Station 1

Blast

Spicewood Hwy 71 - Station 6

Spicewood Hwy 71 - South Dust

Spicewood Hwy 71 - Noise 3

Double Horn Boat & RV Storage

Professional Civil Process - Corporate



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

February 8, 2022 00:00:05
February 8, 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_20220208000005.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

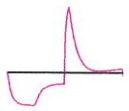
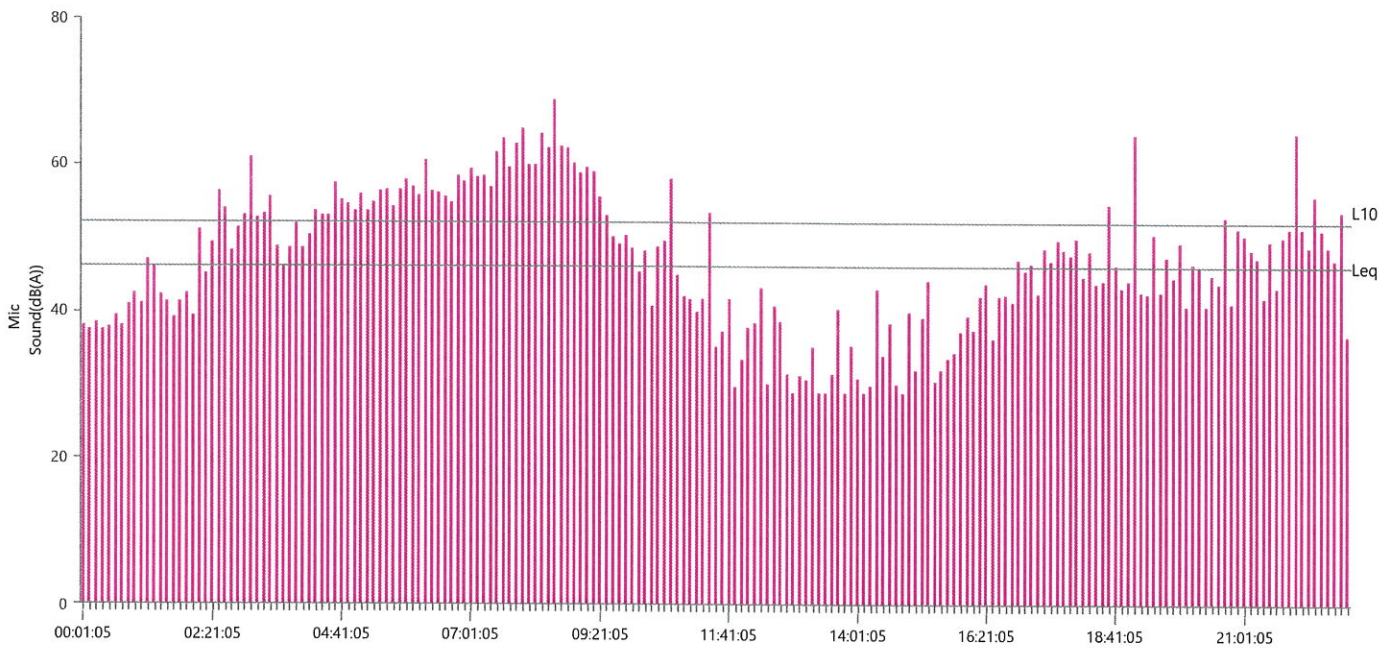
A-Weight Slow

68.9 dB(A)
Feb 8, 2022
08:35:05

Sound(dB(A))
Sensor Check
Test Amplitude

LMin	L10	L90	Leq
<30	52	<30	46.1
✓ Passed			
1121 mv			

Sensor Check



✓ Passed



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

February 8, 2022 00:00:05
February 8, 2022 22:23:39
1343.57/60 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_20220208000005.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

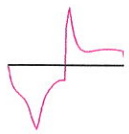
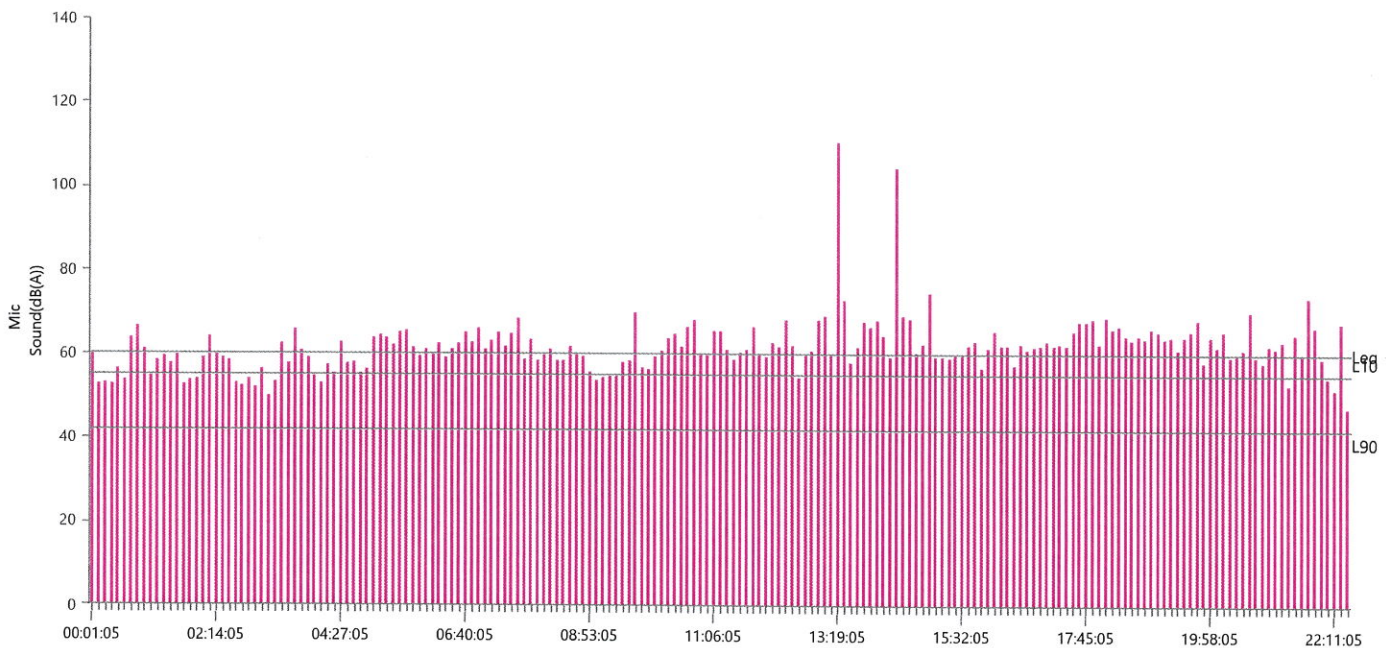
A-Weight Slow

110.7 dB(A)
Feb 8, 2022
13:25:05

Sound(dB(A))
Sensor Check
Test Amplitude

LMin	L10	L90	Leq
34.3	55	42	60.2
✓ Passed			
1108 mv			

Sensor Check



✓ Passed

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

Vert at February 8, 2022 10:11:48
 Geo 0.0200 in/s, Mic 0.01029 psi
 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_20220208101148.IDFW
 Disabled

Notes

Location
 Client
 Company
 General Notes

Station 1
 Spicewood Crushed Stone
 Hwy 71 Quarry
 IGS, Inc.

Extended Note N30.49572 W98.21577

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
0.1732 in/s	0.1092 in/s	0.1201 in/s
66.1 Hz	81.9 Hz	>100 Hz
0.370 sec	0.521 sec	0.243 sec
0.260 g	0.155 g	0.253 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.5 Hz	7.1 Hz
4.2	3.4	3.7

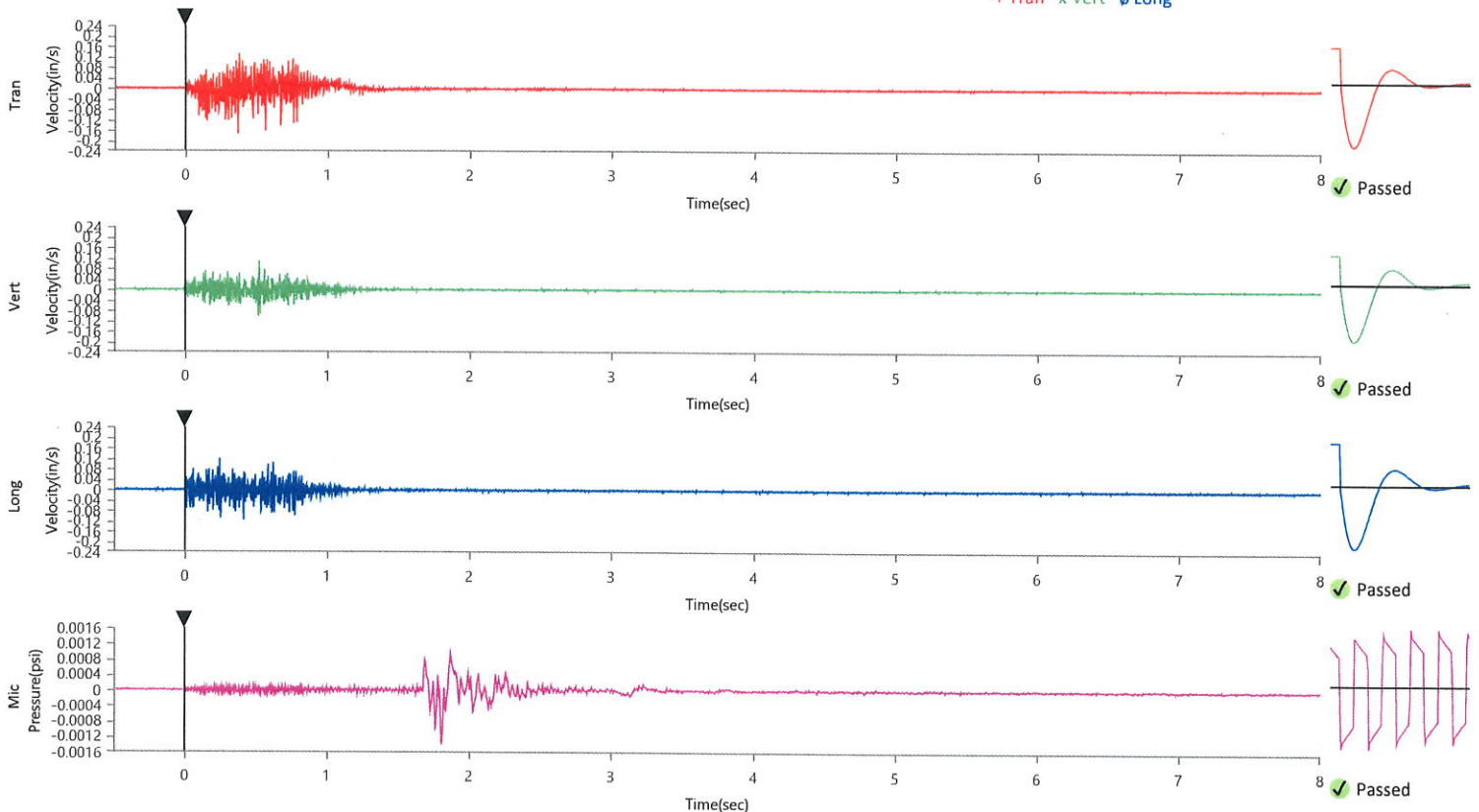
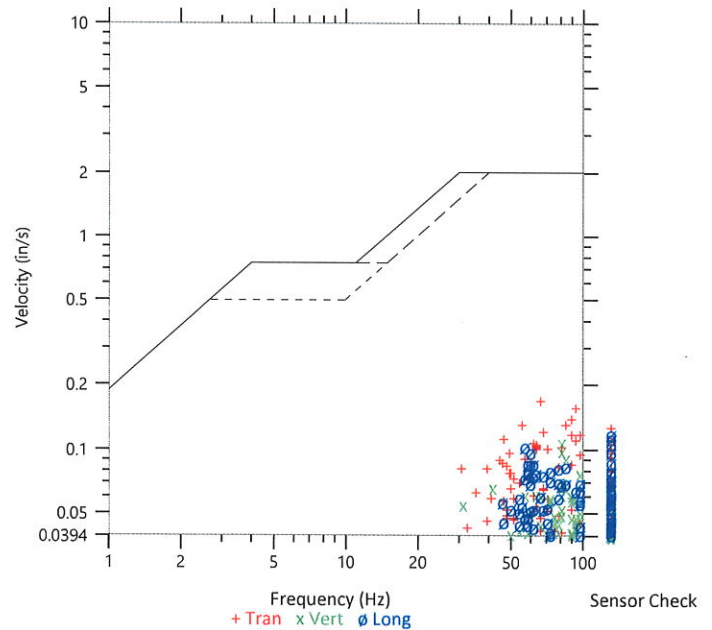
Peak Vector Sum 0.1790 in/s at 0.562 sec

ISEE Linear Microphone

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

0.001404 psi
 113.7 dB(L)
 1.807 sec
 13.5 Hz
 ✓ Passed
 19.7 Hz
 1696 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Tran at February 8, 2022 10:11:48
 Geo 0.0200 in/s, Mic 0.01029 psi
 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_20220208101148.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

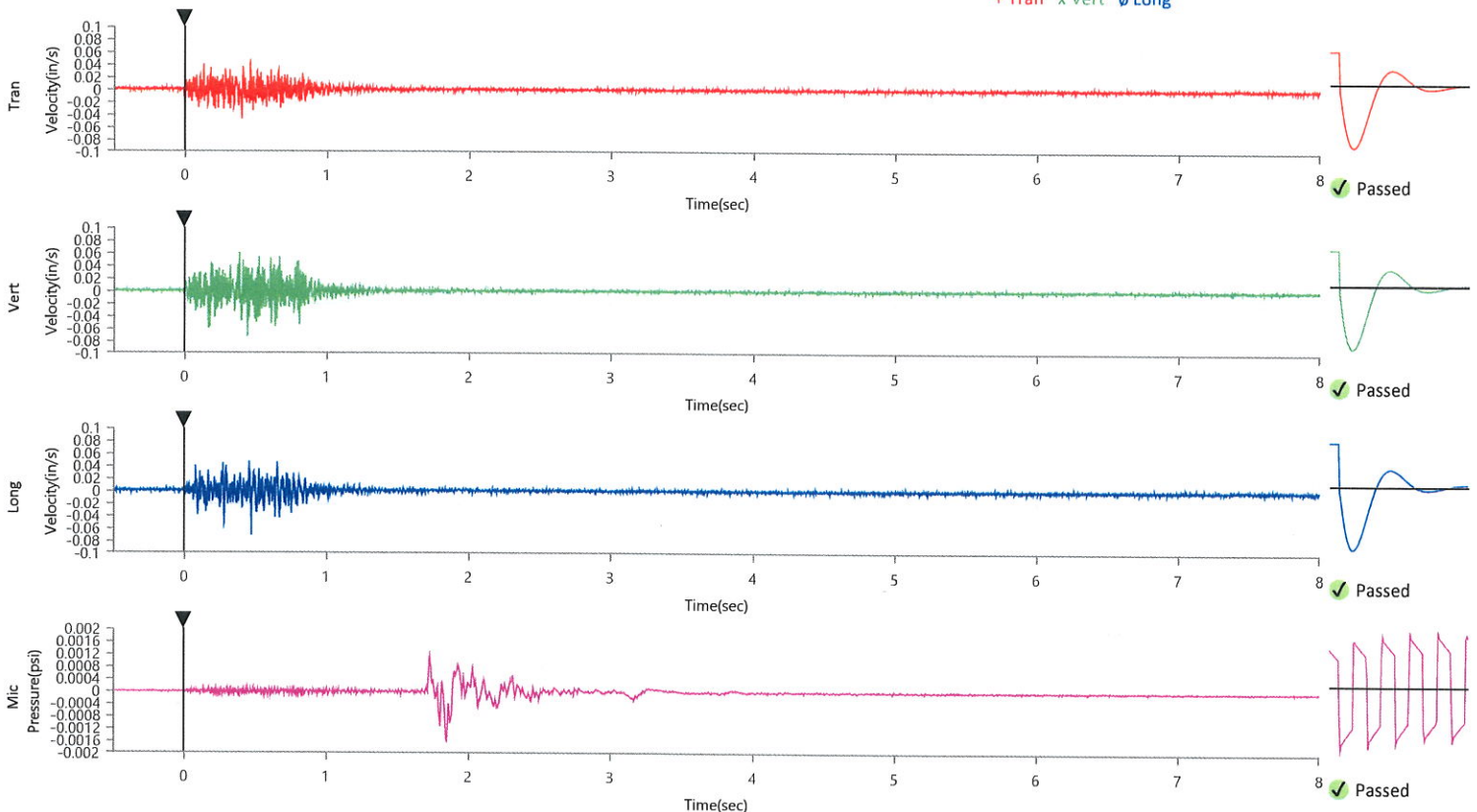
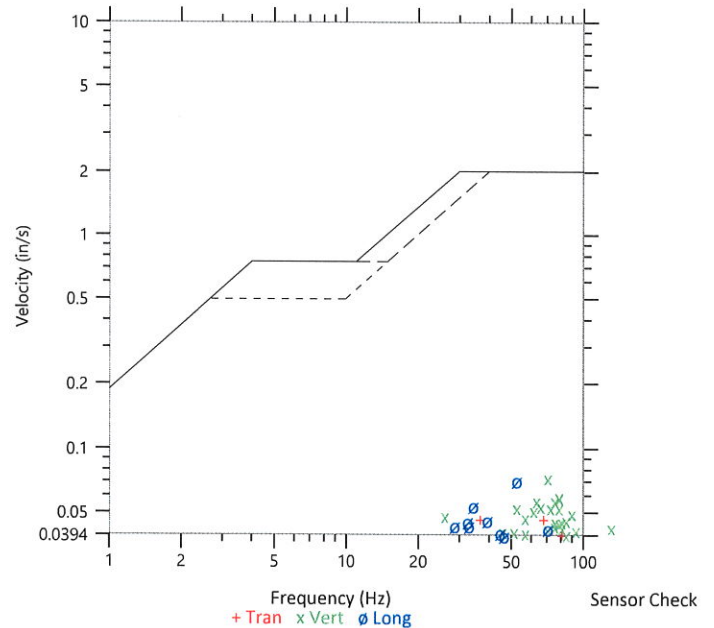
	Tran	Vert	Long
Peak Particle Velocity	0.0475 in/s	0.0735 in/s	0.0714 in/s
Zero Crossing Frequency	36.6 Hz	70.6 Hz	52.5 Hz
Time (Relative to Trigger)	0.403 sec	0.445 sec	0.474 sec
Peak Acceleration	0.076 g	0.089 g	0.089 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	3.9	3.7

Peak Vector Sum 0.0800 in/s at 0.474 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.001593 psi
 Peak Sound Pressure Level 114.8 dB(L)
 Time (Relative to Trigger) 1.845 sec
 Zero Crossing Frequency 7.5 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1648 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Vert at February 8, 2022 10:11:47
Geo 0.0200 in/s, Mic 0.01029 psi
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_20220208101147.IDFW
Disabled

Notes

Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.49742 W98.21566

Post Event Notes No text to be displayed.

Geophone

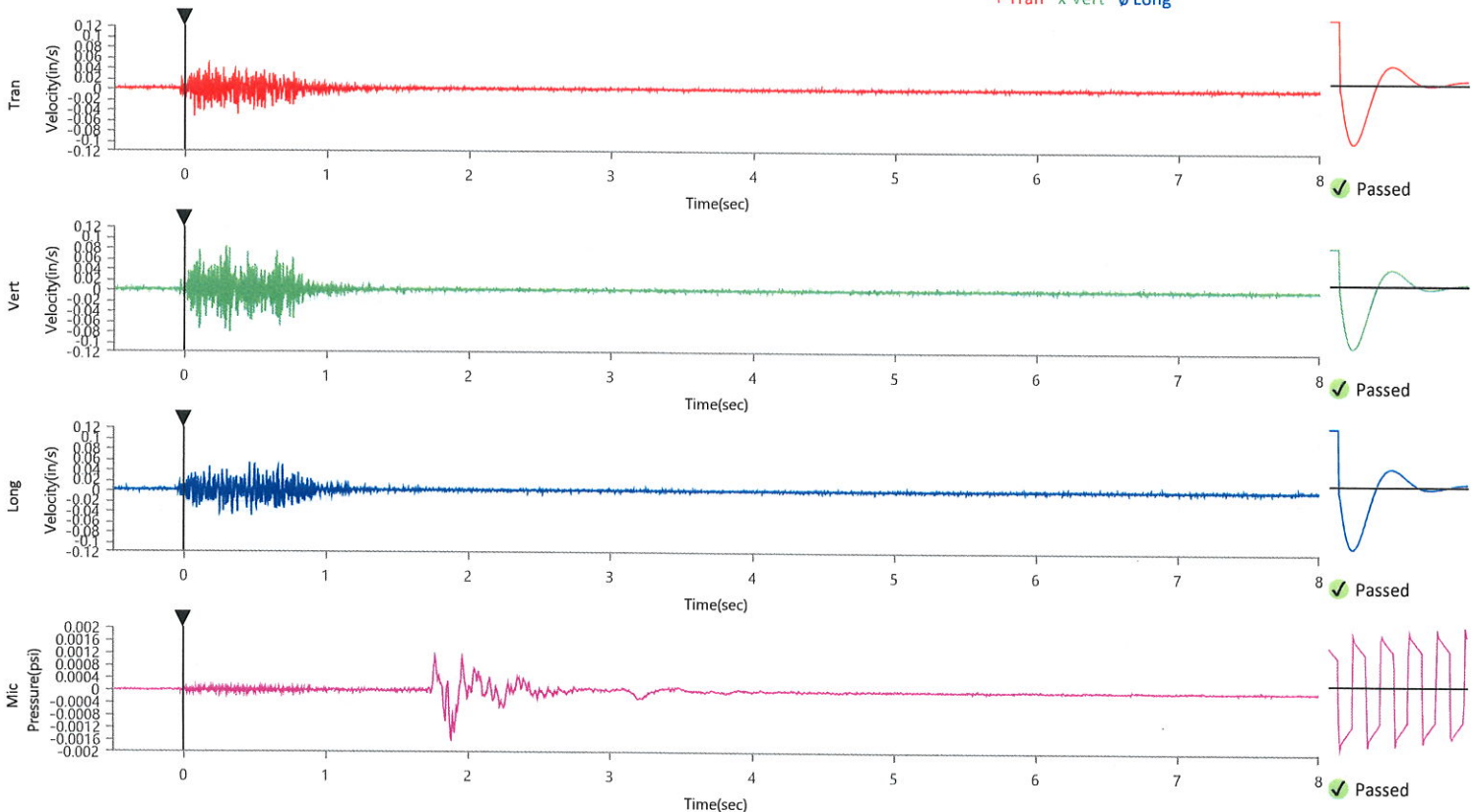
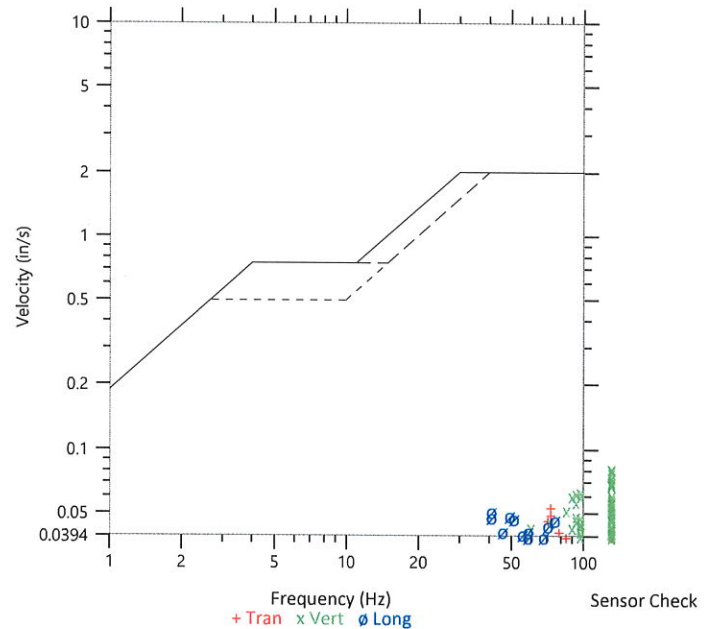
	Tran	Vert	Long
Peak Particle Velocity	0.0540 in/s	0.0832 in/s	0.0515 in/s
Zero Crossing Frequency	73.1 Hz	>100 Hz	41.0 Hz
Time (Relative to Trigger)	0.066 sec	0.293 sec	0.466 sec
Peak Acceleration	0.072 g	0.165 g	0.072 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.2	3.8	3.6

Peak Vector Sum 0.0852 in/s at 0.293 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.001620 psi
Peak Sound Pressure Level 114.9 dB(L)
Time (Relative to Trigger) 1.881 sec
Zero Crossing Frequency 6.7 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1434 mv

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Long at February 8, 2022 10:11:48
 Geo 0.0200 in/s, Mic 0.01029 psi
 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_20220208101148.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

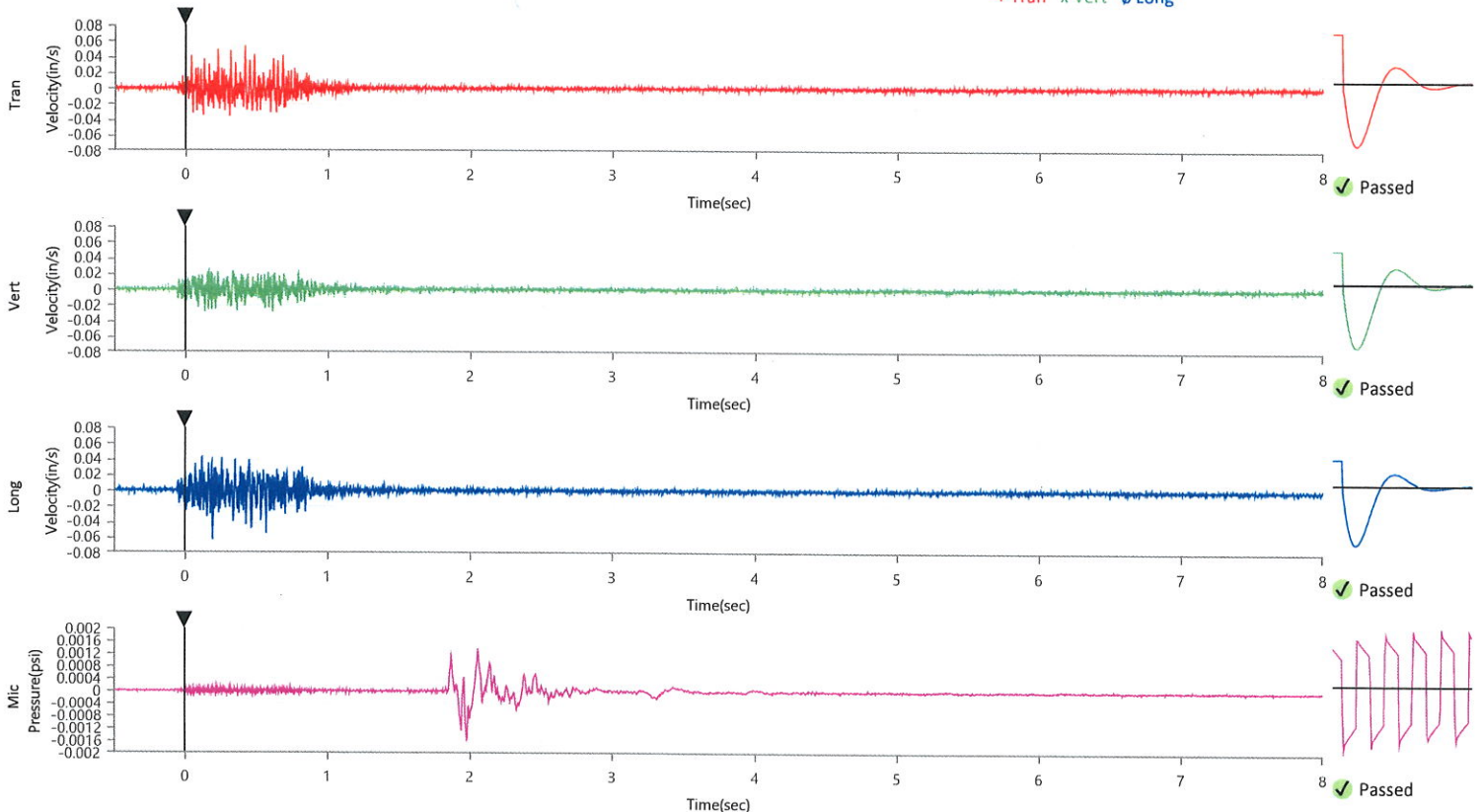
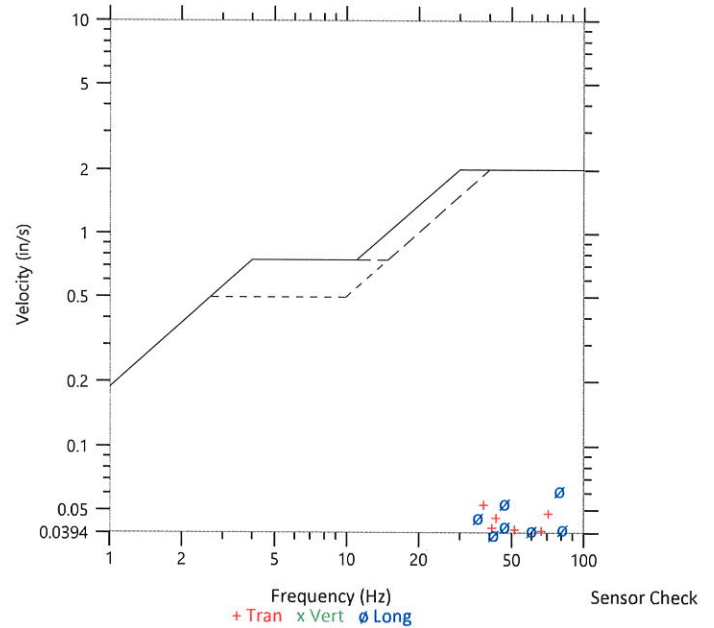
	Tran	Vert	Long
Peak Particle Velocity	0.0540 in/s	0.0289 in/s	0.0630 in/s
Zero Crossing Frequency	37.9 Hz	68.3 Hz	78.8 Hz
Time (Relative to Trigger)	0.418 sec	0.138 sec	0.195 sec
Peak Acceleration	0.059 g	0.053 g	0.079 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.8	3.8	4.8

Peak Vector Sum 0.0677 in/s at 0.194 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.001568 psi
 Peak Sound Pressure Level 114.7 dB(L)
 Time (Relative to Trigger) 1.976 sec
 Zero Crossing Frequency 7.8 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1694 mv

USBM RI8507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Long at February 8, 2022 10:11:49
 Geo 0.0200 in/s, Mic 0.01029 psi
 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_20220208101149.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

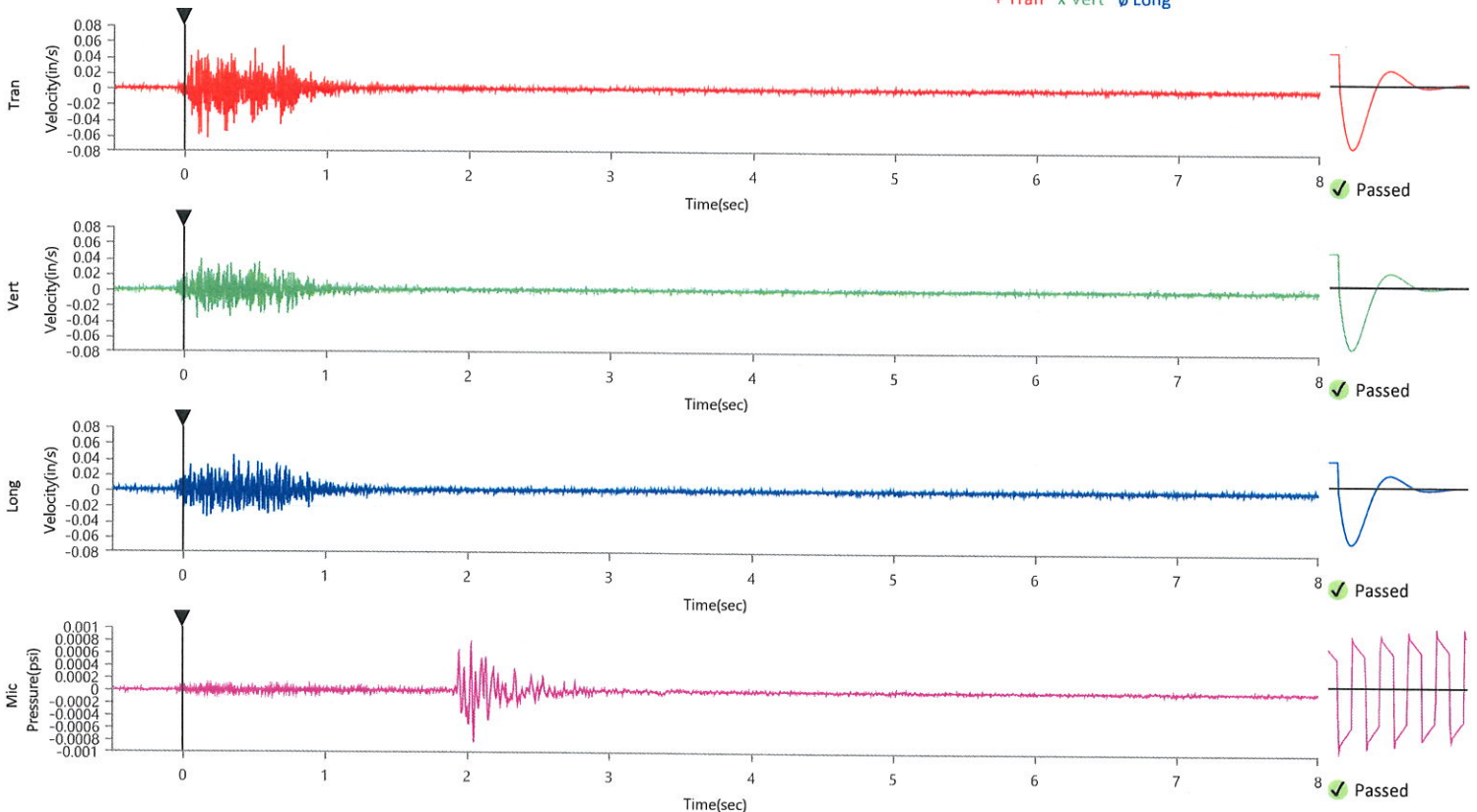
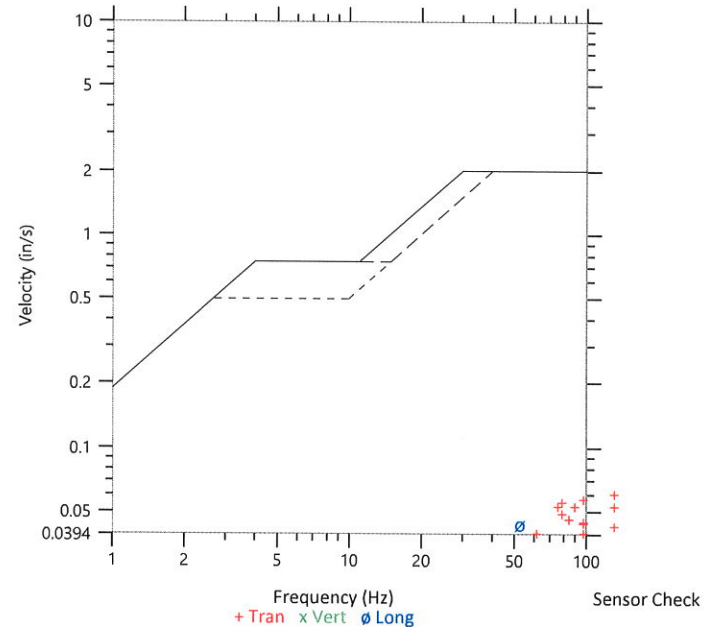
	Tran	Vert	Long
Peak Particle Velocity	0.0627 in/s	0.0391 in/s	0.0447 in/s
Zero Crossing Frequency	>100 Hz	93.1 Hz	52.5 Hz
Time (Relative to Trigger)	0.163 sec	0.121 sec	0.356 sec
Peak Acceleration	0.099 g	0.069 g	0.069 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.1	4.6	4.9

Peak Vector Sum 0.0634 in/s at 0.163 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000830 psi
 Peak Sound Pressure Level 109.1 dB(L)
 Time (Relative to Trigger) 2.043 sec
 Zero Crossing Frequency 25.9 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1674 mv

USBM RI8507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Vert at February 8, 2022 10:11:48
Geo 0.0200 in/s, Mic 0.01029 psi
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_20220208101148.IDFW
Disabled

Notes

Location
Client
Company
General Notes

Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.495113 W98.206539

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

0.1794 in/s
68.3 Hz
0.455 sec
0.211 g
0.001 in
✓ Passed
7.3 Hz
3.8

Vert

0.2389 in/s
33.6 Hz
0.140 sec
0.171 g
0.001 in
✓ Passed
7.3 Hz
3.8

Long

0.2867 in/s
45.5 Hz
0.707 sec
0.247 g
0.001 in
✓ Passed
7.5 Hz
3.1

Peak Vector Sum

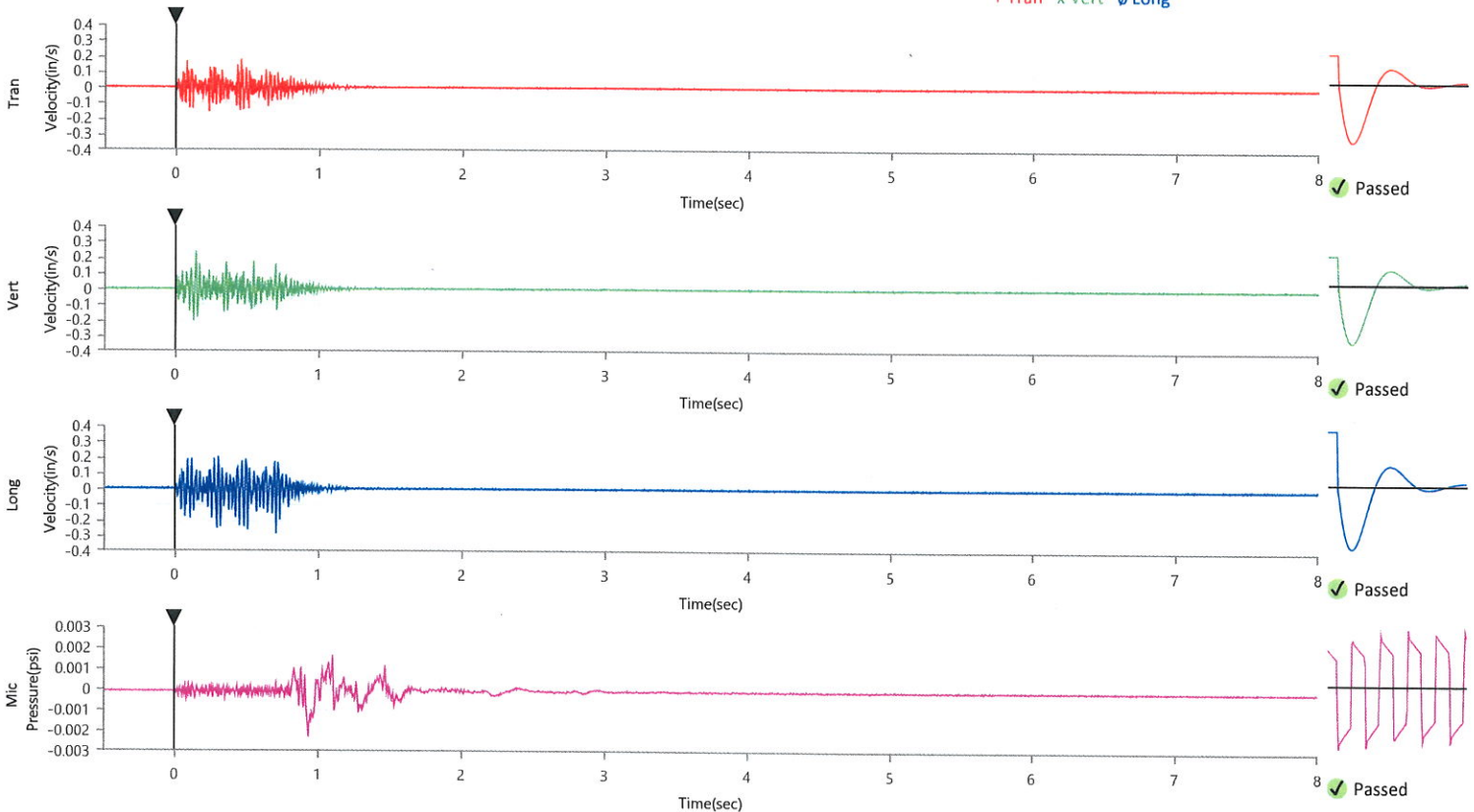
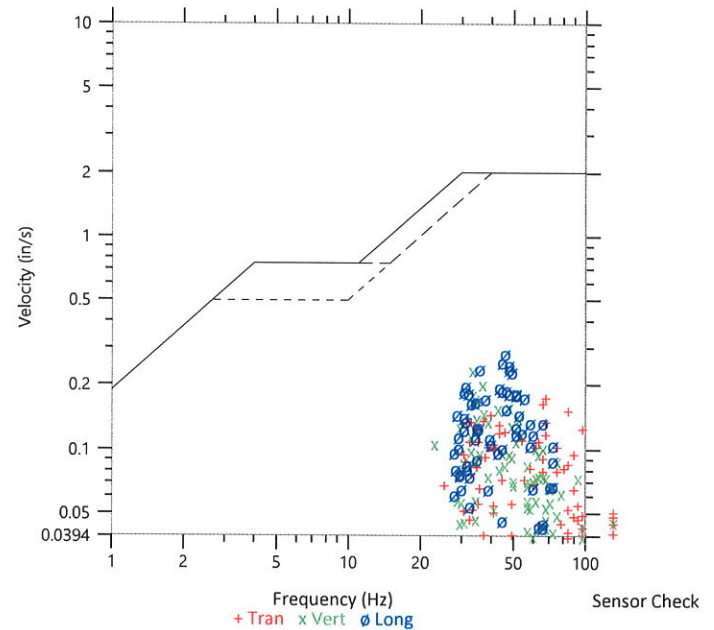
0.3207 in/s at 0.707 sec

ISEE Linear Microphone

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

0.002336 psi
118.1 dB(L)
0.934 sec
7.4 Hz
✓ Passed
19.7 Hz
1652 mv

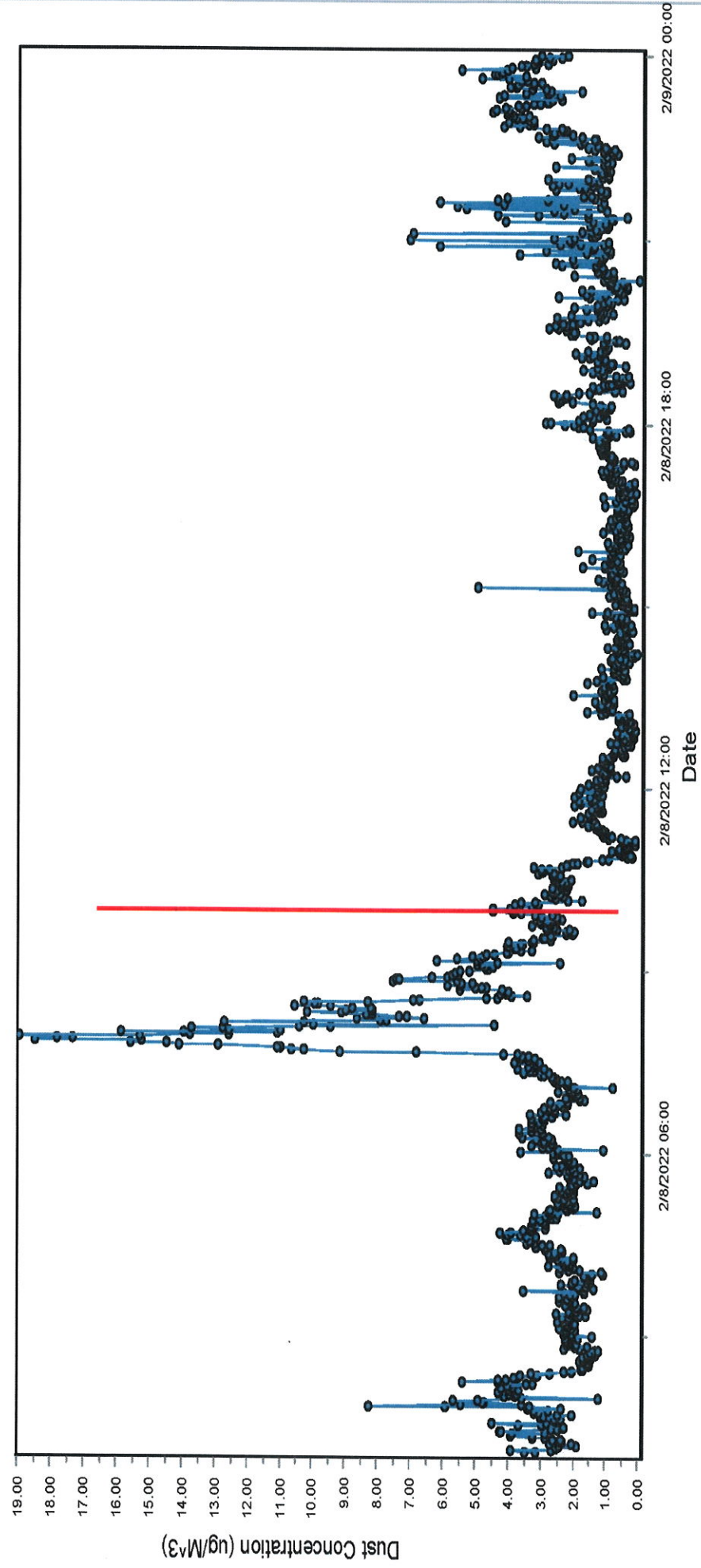
USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

● D100@AvgPartL



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor

● D100@AvgPartL

