



Start April 6, 2023 00:00:05
Finish April 6, 2023 23:29:59
Number of Intervals/Interval 42297.25/2 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 2.mmb
Operator Operator

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

UM13917
Micromate ISEE 10.90GC
3.8 volts
July 19, 2022 by Instantel
UA10038, July 19, 2022 by Instantel
UM13917_20230406000005.IDFH
Disabled

Notes
Location Noise 2
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note Station 5N30.49911 W98.21538

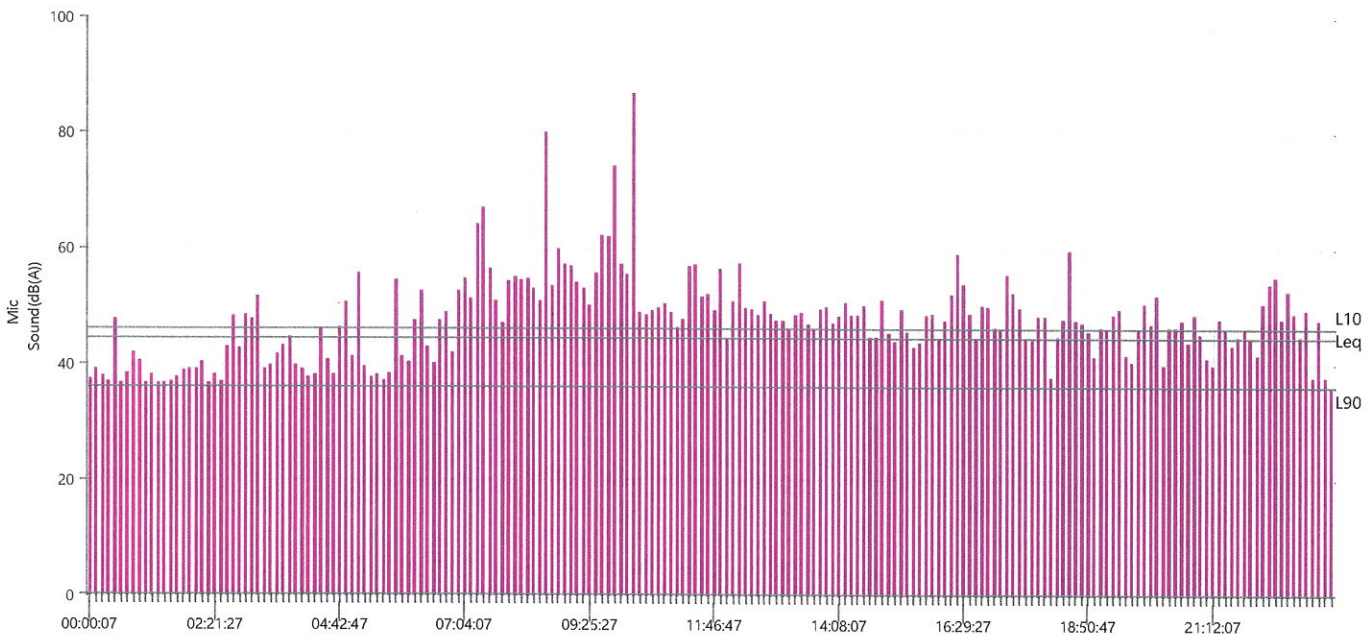
Post Event Notes No text to be displayed.

Sound Level Microphone

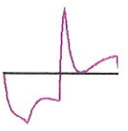
LMax 86.8 dB(A)
Date Apr 6, 2023
Time 10:15:13
Sound(dB(A)) LMin L10 L90 Leq
Sensor Check 35.4 46 36 44.2
Test Amplitude 1115 mv

A-Weight Slow

86.8 dB(A)
Apr 6, 2023
10:15:13
LMin L10 L90 Leq
35.4 46 36 44.2
Passed
1115 mv



Sensor Check



✓ Passed



Start April 6, 2023 00:00:05
Finish April 6, 2023 23:29:59
Number of Intervals/Interval 1409.91/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

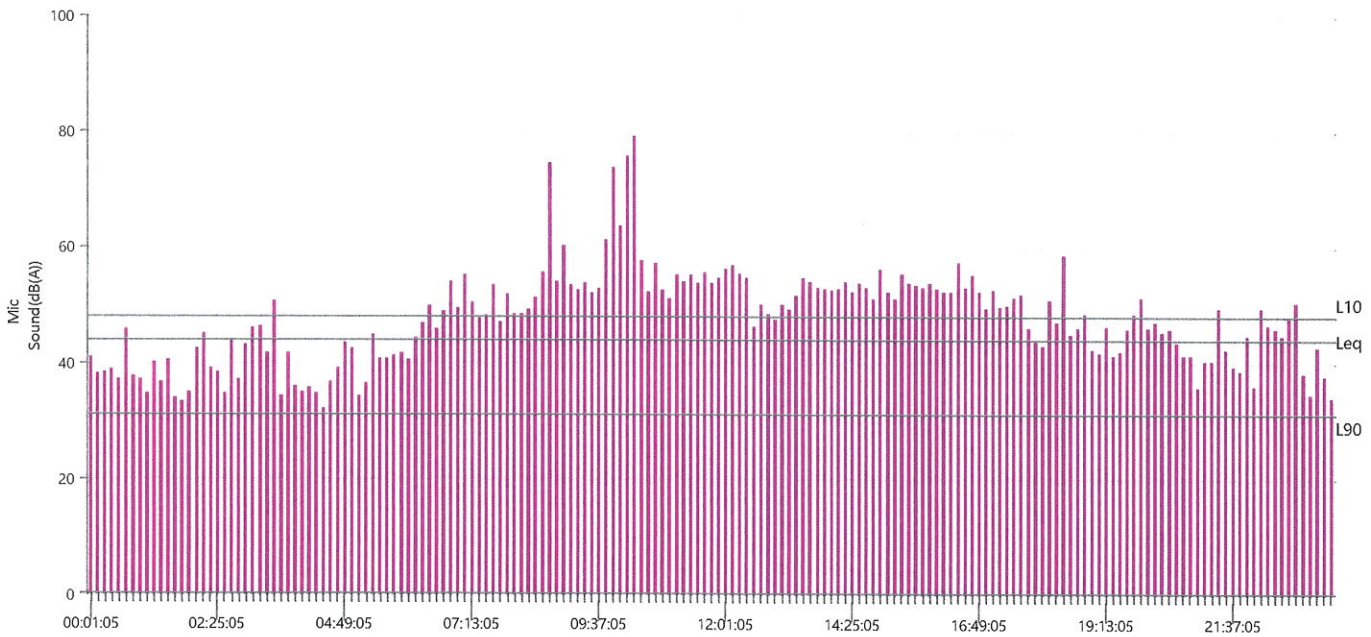
Serial Number
Model Number
Battery Level
Unit Calibration
Microphone Calibration
Event File Name
USB Sensor Support

UM13907
Micromate ISEE 10.90GC
3.8 volts
August 2, 2022 by Instantel
UA10761, July 29, 2022 by Instantel
UM13907_20230406000005.IDFH
Disabled

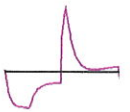
Notes
Location Noise 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.490958 W98.213495
Post Event Notes No text to be displayed.

Sound Level Microphone
LMax 79.0 dB(A)
Date Apr 6, 2023
Time 10:17:05
Sound(dB(A)) LMin L10 L90 Leq
Sensor Check 30.4 48 31 43.8
Test Amplitude 1092 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 6, 2023 12:15:09
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

UM8046
Micromate ISEE 10.90GC
3.8 volts
May 6, 2022 by InstanTel
UM8046_20230406121509.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

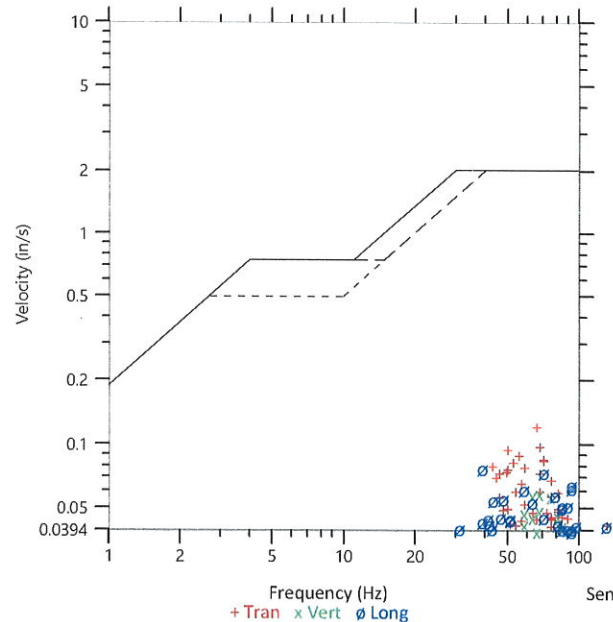
	Tran	Vert	Long
Peak Particle Velocity	0.1244 in/s	0.0593 in/s	0.0779 in/s
Zero Crossing Frequency	66.1 Hz	68.3 Hz	64.0 Hz
Time (Relative to Trigger)	0.380 sec	0.514 sec	0.531 sec
Peak Acceleration	0.142 g	0.072 g	0.105 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.3	4.0	4.6

Peak Vector Sum 0.1295 in/s at 0.380 sec

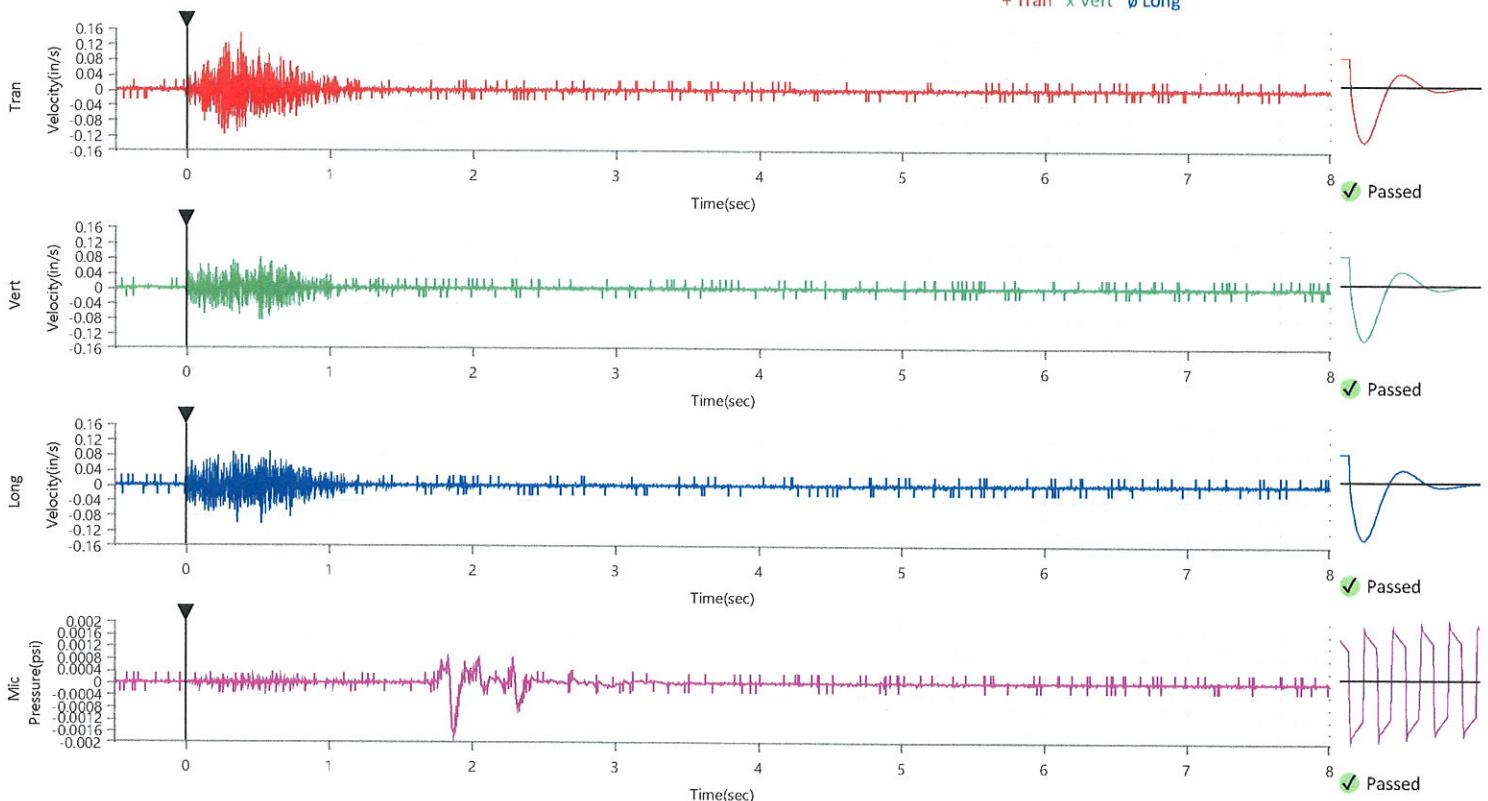
ISEE Linear Microphone

Peak Sound Pressure Level	0.001661 psi
Peak Sound Pressure Level	115.2 dB(L)
Time (Relative to Trigger)	1.867 sec
Zero Crossing Frequency	6.2 Hz
Sensor Check	✓ Passed
Frequency	19.7 Hz
Test Amplitude	1443 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



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

Vert at April 6, 2023 12:15:44
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

UM11576
Micromate ISEE 10.90GC
3.8 volts
September 21, 2022 by Instantel
UM11576_20230406121544.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

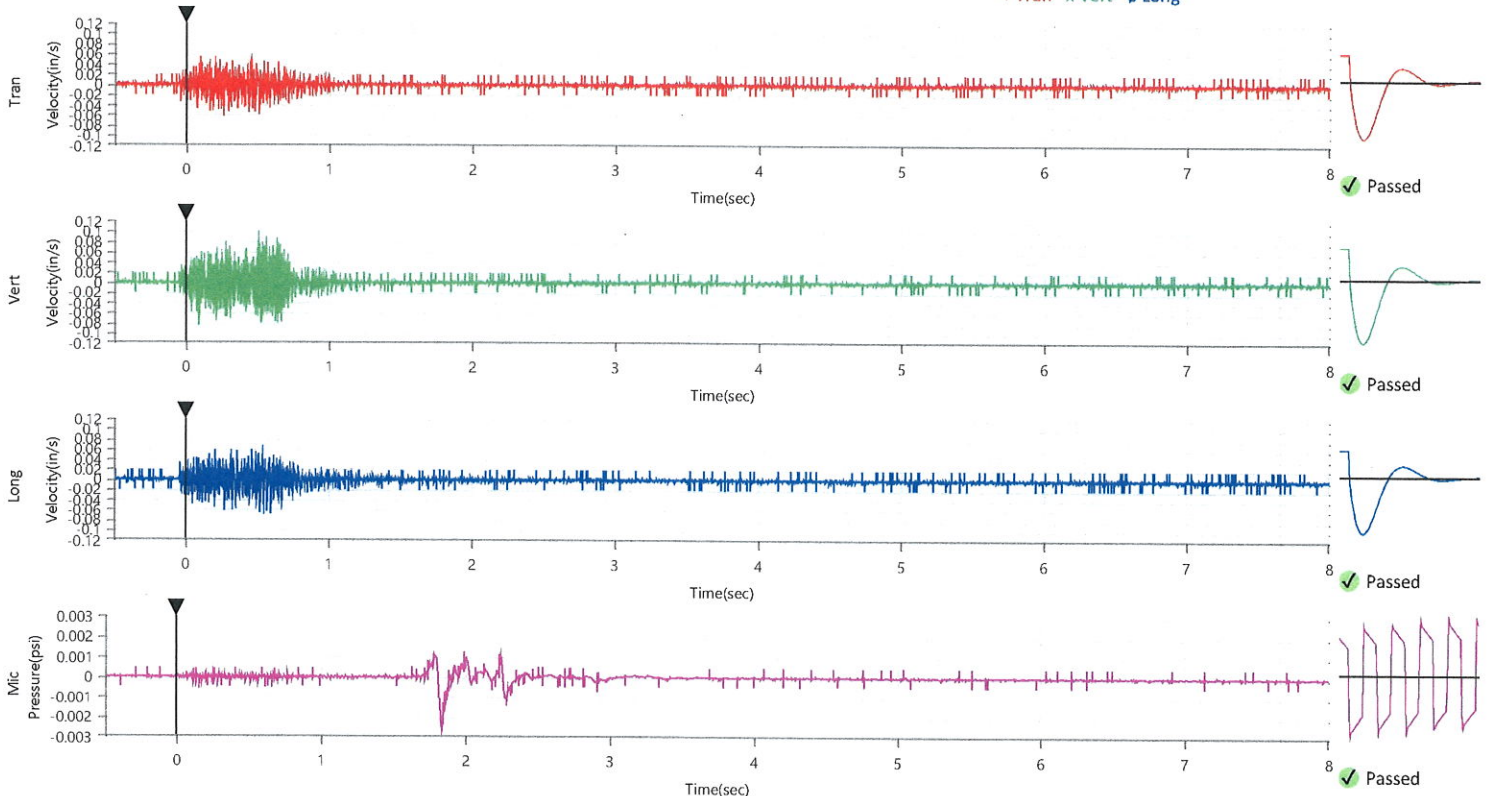
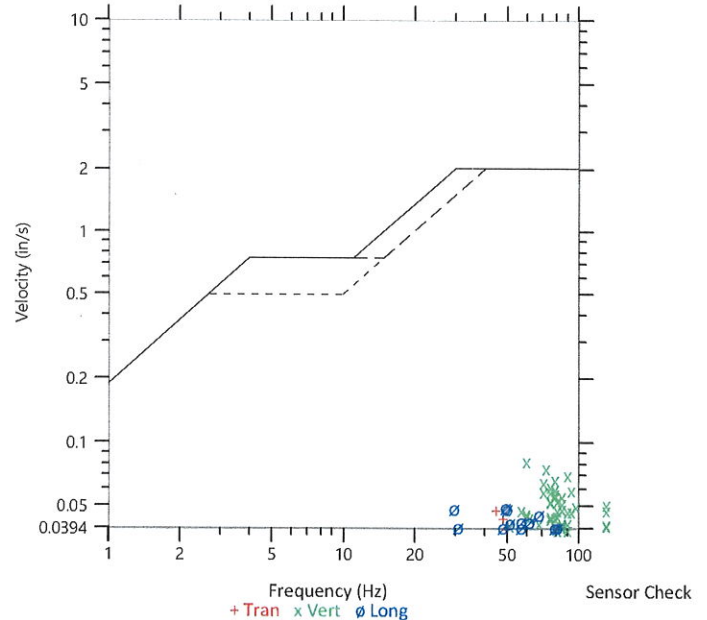
	Tran	Vert	Long
Peak Particle Velocity	0.0490 in/s	0.0829 in/s	0.0503 in/s
Zero Crossing Frequency	70.6 Hz	60.2 Hz	48.8 Hz
Time (Relative to Trigger)	0.452 sec	0.509 sec	0.546 sec
Peak Acceleration	0.072 g	0.109 g	0.072 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.2	4.6	4.8

Peak Vector Sum 0.0849 in/s at 0.509 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.002525 psi
Peak Sound Pressure Level 118.8 dB(L)
Time (Relative to Trigger) 1.831 sec
Zero Crossing Frequency 6.5 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1449 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 6, 2023 12:15:09
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

UM6503
Micromate ISEE 10.90GC
3.8 volts
July 18, 2022 by InstanTel
UM6503_20230406121509.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

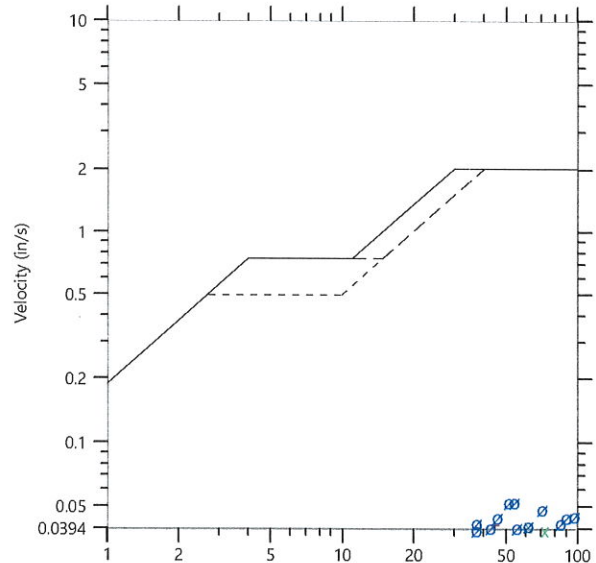
	Tran	Vert	Long
Peak Particle Velocity	0.0419 in/s	0.0413 in/s	0.0534 in/s
Zero Crossing Frequency	45.5 Hz	62.1 Hz	53.9 Hz
Time (Relative to Trigger)	0.468 sec	0.240 sec	0.278 sec
Peak Acceleration	0.069 g	0.086 g	0.076 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.4	3.6	4.1

Peak Vector Sum 0.0592 in/s at 0.278 sec

ISEE Linear Microphone

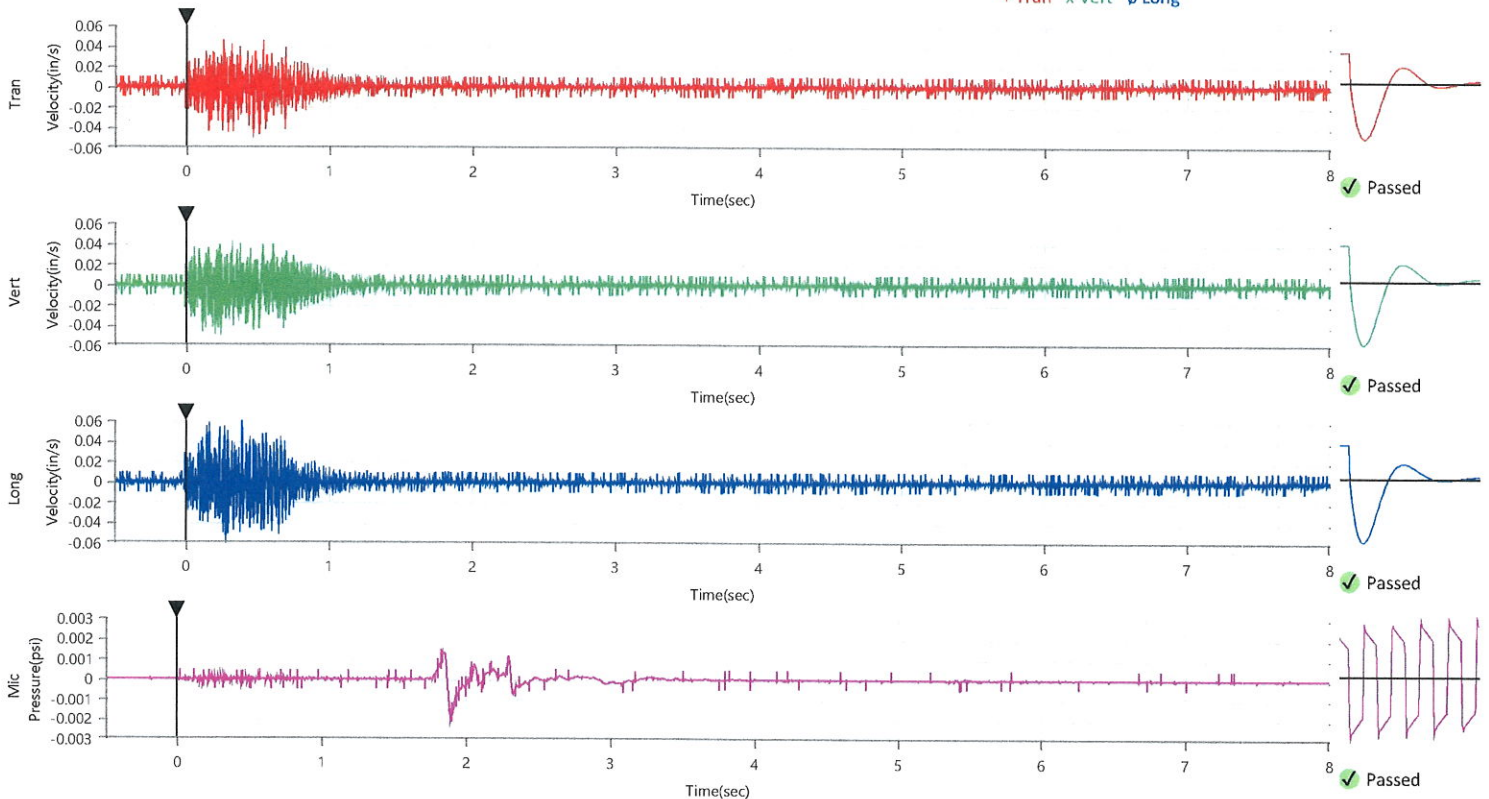
Peak Sound Pressure Level	0.001974 psi
Peak Sound Pressure Level	116.7 dB(L)
Time (Relative to Trigger)	1.890 sec
Zero Crossing Frequency	3.4 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1493 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert o Long

Sensor Check



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

Vert at April 6, 2023 12:15:07
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

UM8003
Micromate ISEE 10.90GC
3.8 volts
July 20, 2022 by InstanTel
UM8003_20230406121507.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

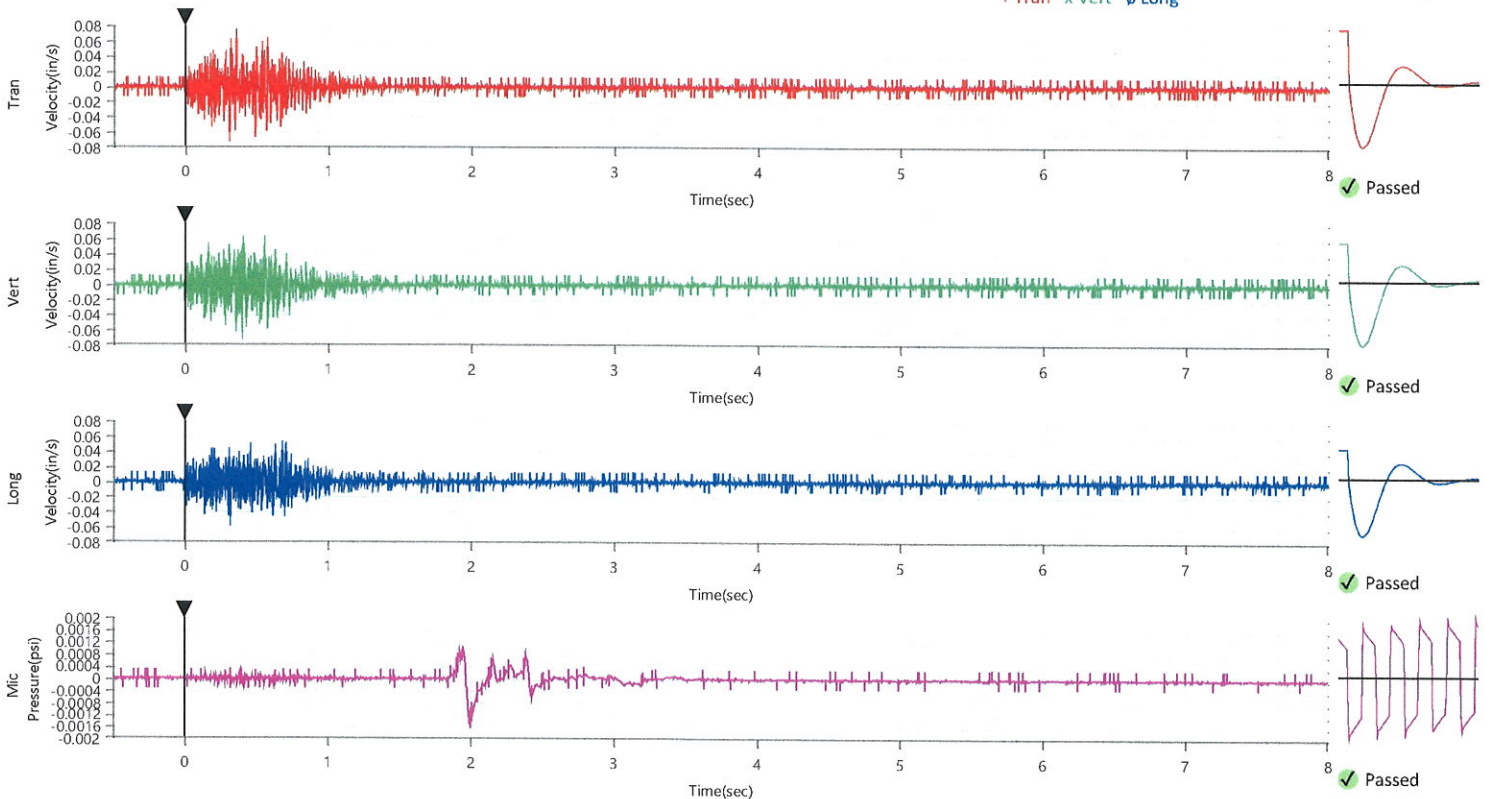
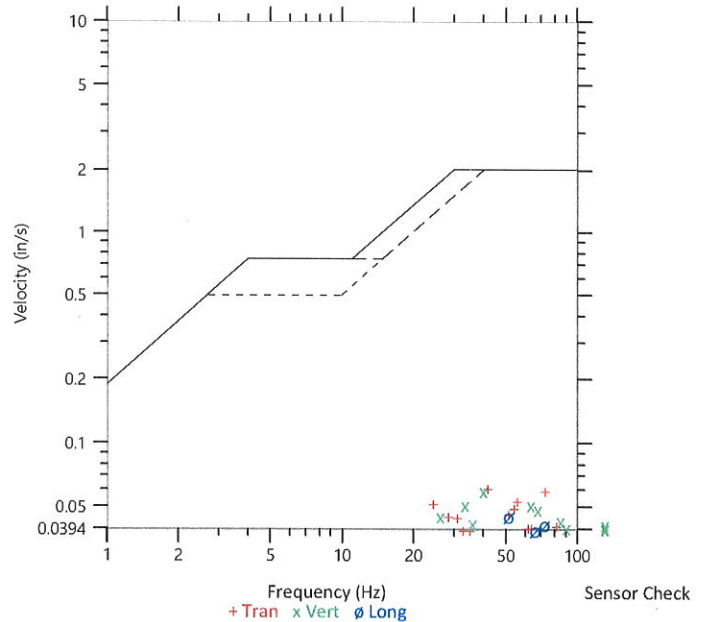
	Tran	Vert	Long
Peak Particle Velocity	0.0627 in/s	0.0602 in/s	0.0459 in/s
Zero Crossing Frequency	41.0 Hz	40.2 Hz	52.5 Hz
Time (Relative to Trigger)	0.356 sec	0.400 sec	0.318 sec
Peak Acceleration	0.069 g	0.112 g	0.063 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.5	3.8	3.5

Peak Vector Sum 0.0765 in/s at 0.356 sec

ISEE Linear Microphone

Peak Sound Pressure Level	0.001494 psi
Peak Sound Pressure Level	114.2 dB(L)
Time (Relative to Trigger)	1.990 sec
Zero Crossing Frequency	3.2 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1465 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

Long at April 6, 2023 12:15:08
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

UM7111
Micromate ISEE 10.90GC
3.8 volts
July 20, 2022 by Instantel
UM7111_20230406121508.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49911 W98.21538

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
0.0534 in/s
53.9 Hz
0.283 sec
0.092 g
0.001 in
✓ Passed
7.3 Hz
3.8

Vert
0.0602 in/s
68.3 Hz
0.129 sec
0.092 g
0.000 in
✓ Passed
7.3 Hz
4.1

Long
0.0496 in/s
81.9 Hz
0.135 sec
0.082 g
0.000 in
✓ Passed
7.3 Hz
3.6

Peak Vector Sum

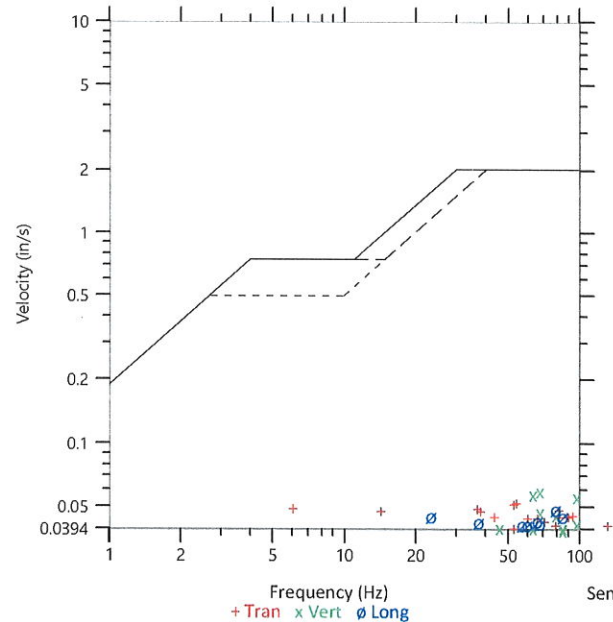
0.0767 in/s at 0.335 sec

ISEE Linear Microphone

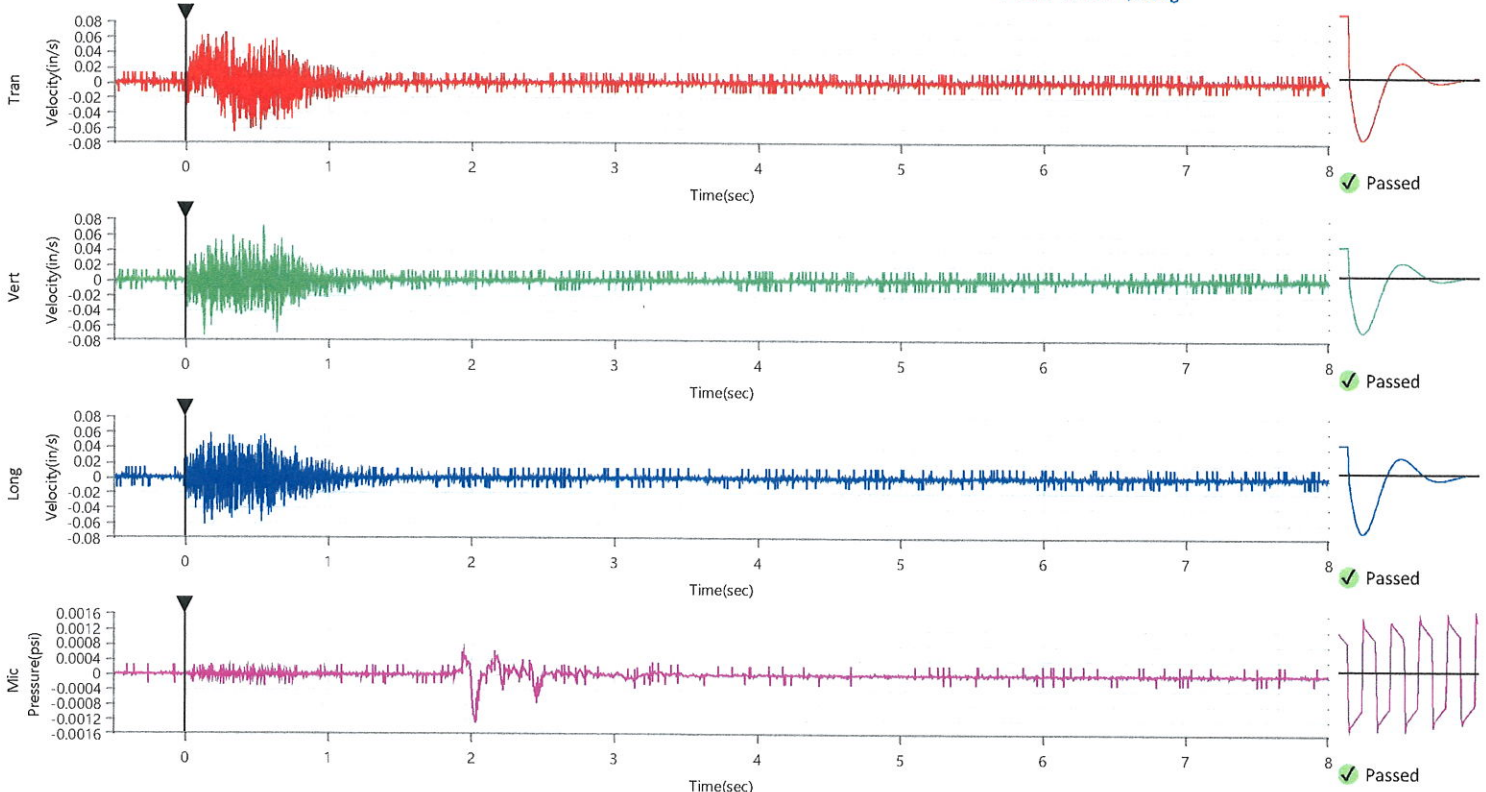
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.001278 psi
112.9 dB(L)
2.026 sec
6.4 Hz
✓ Passed
20.5 Hz
1508 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



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

Vert at April 6, 2023 12:15:07
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

UM7450
Micromate ISEE 10.90GC
3.8 volts
August 4, 2022 by InstanTel
UM7450_20230406121507.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	Vert	Long
0.1415 in/s	0.2244 in/s	0.1148 in/s
31.0 Hz	34.1 Hz	47.6 Hz
0.232 sec	0.461 sec	0.211 sec
0.155 g	0.155 g	0.125 g
0.001 in	0.001 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.1 Hz
4.2	4.0	5.4

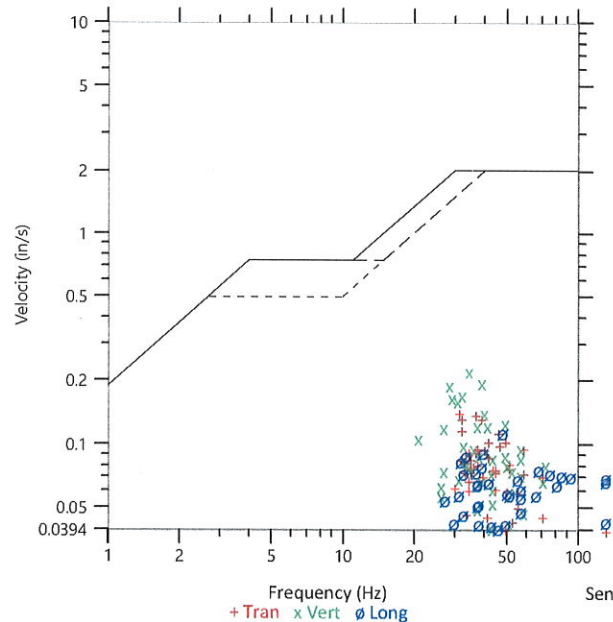
Peak Vector Sum 0.2438 in/s at 0.461 sec

ISEE Linear Microphone

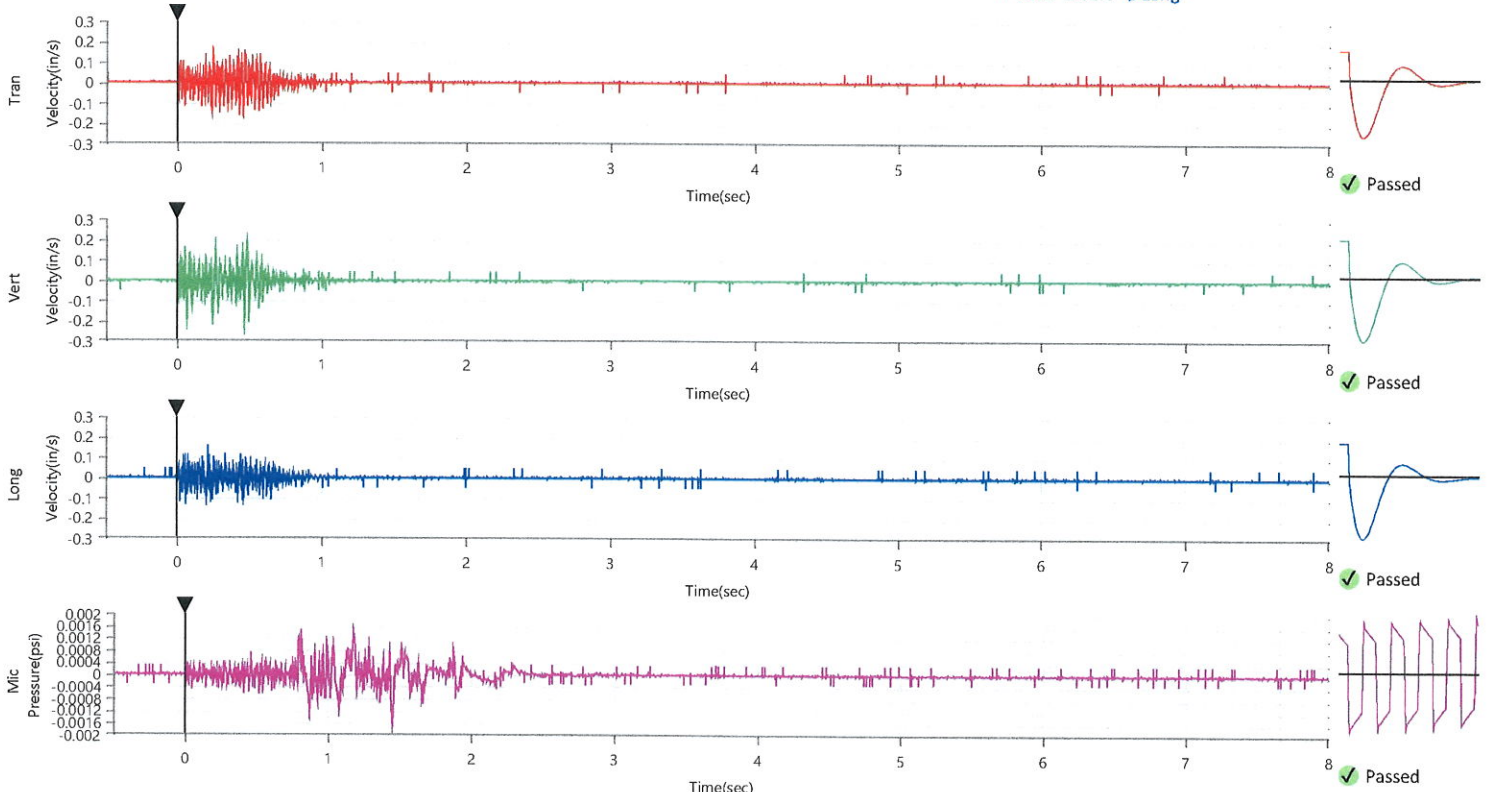
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.001618 psi
114.9 dB(L)
1.446 sec
18.0 Hz
✓ Passed
20.5 Hz
1505 mv

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



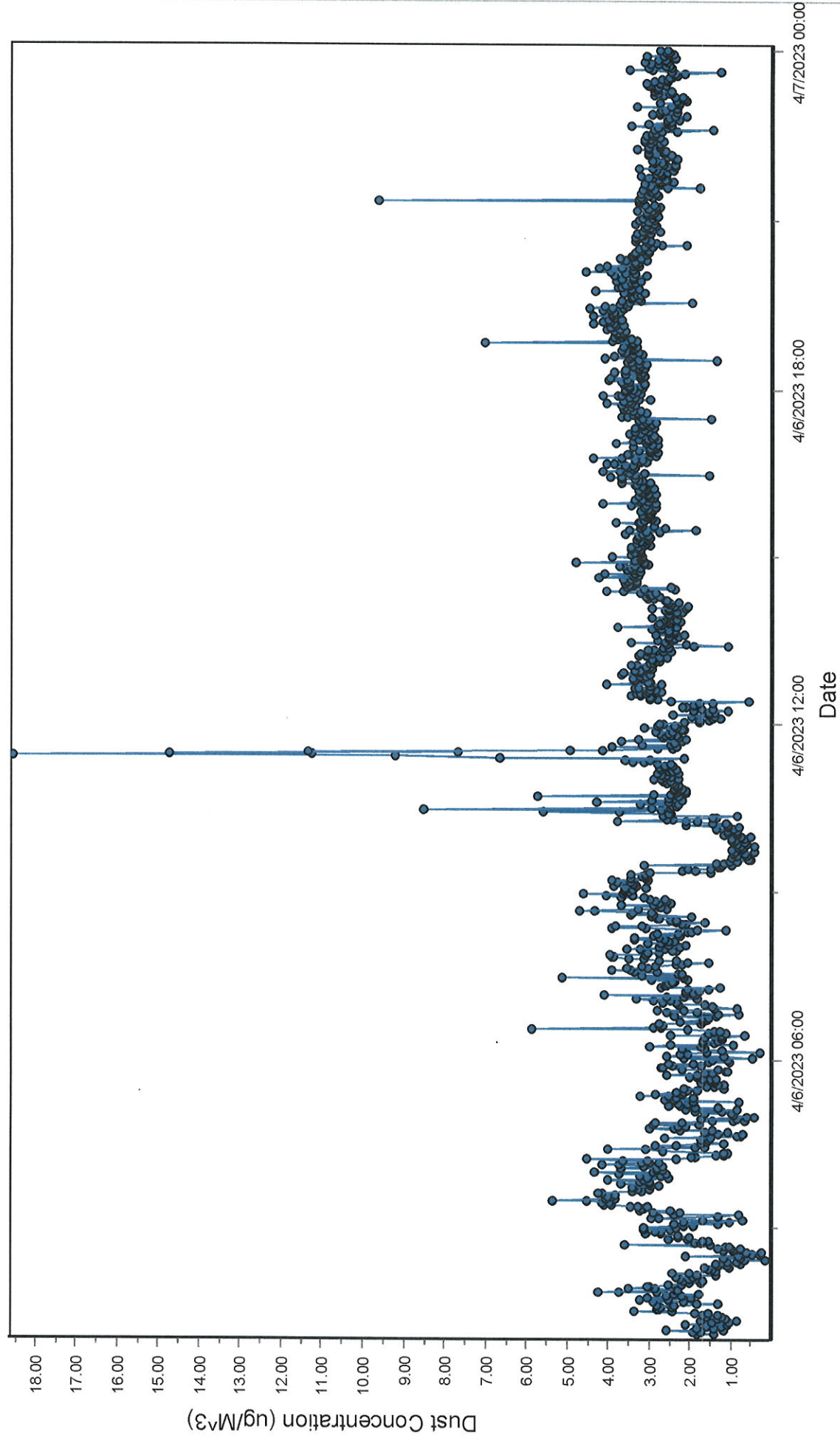
Sensor Check



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

● D100@AvgPartL



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor

