

Date/Time	Unit	Unit Location	Blast			Distance	PPV	Geo ZCF	Sound Level Microphone		
			Blast Number	Blast Location	Level				PSPL	Peak	Time of Peak
07/25/22 0:00	UM13928	Noise 2	12-22	Level 1	Level 1	2210.3 ft	-	-	32.6 dB(A)	0:01:08	30.3 dB
07/25/22 0:00	UM13416	Noise 3	12-22	Level 1	Level 1	2169.6 ft	-	-	77.4 dB(A)	15:44:06	49.8 dB
07/25/22 11:47	UM8046	Station 1	12-22	Level 1	Level 1	1976.4 ft	0.2898 in/s	89.0 Hz	-	-	-
07/25/22 11:47	UM9068	Station 2	12-22	Level 1	Level 1	1974.1 ft	0.1462 in/s	56.9 Hz	-	-	-
07/25/22 11:47	UM6548	Station 3	12-22	Level 1	Level 1	2026.9 ft	0.3258 in/s	50.0 Hz	-	-	-
07/25/22 11:47	UM7153	Station 4	12-22	Level 1	Level 1	2163.4 ft	0.1626 in/s	68.3 Hz	-	-	-
07/25/22 11:47	UM13415	Station 5	12-22	Level 1	Level 1	2212.9 ft	0.1744 in/s	>100.0 Hz	-	-	-
07/25/22 11:47	UM7453	Station 6	12-22	Level 1	Level 1	964.9 ft	0.2150 in/s	48.8 Hz	-	-	-

Start July 25, 2022 00:00:06
Finish July 25, 2022 23:29:59
Number of Intervals/Interval 1409.88/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

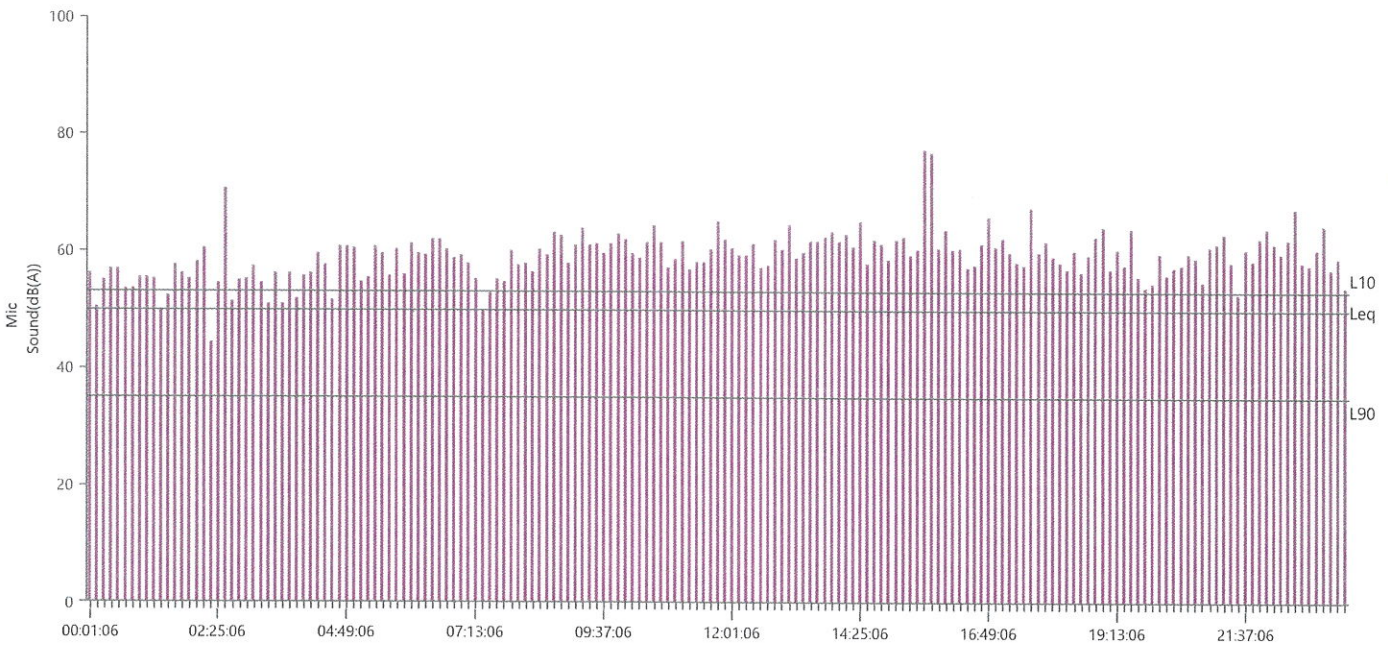
Serial Number UM13416
Model Number Micromate ISEE 10.90GC
Battery Level 3.8 volts
Unit Calibration August 24, 2021 by Instantel
Microphone Calibration UA10983, November 8, 2021 by Instantel
Event File Name UM13416_20220725000006.IDFH
USB Sensor Support Disabled

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

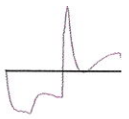
Extended Note N30.490958 W98.213495

Post Event Notes No text to be displayed.

Sound Level Microphone A-Weight Slow
LMax 77.4 dB(A)
Date Jul 25, 2022
Time 15:44:06
Sound(dB(A)) LMin L10 L90 Leq
Sensor Check 32.0 53 35 49.8
Test Amplitude ✓ Passed 1040 mv



Sensor Check



✓ Passed

Start July 25, 2022 00:00:08
Finish July 25, 2022 23:29:59
Number of Intervals/Interval 1409.85/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 2.mmb
Operator Operator

Serial Number UM13928
Model Number Micromate ISEE 10.90GC
Battery Level 3.8 volts
Unit Calibration June 2, 2022 by Instantel
Microphone Calibration UA10760, October 7, 2021 by Instantel
Event File Name UM13928_20220725000008.IDFH
USB Sensor Support Disabled

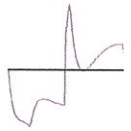
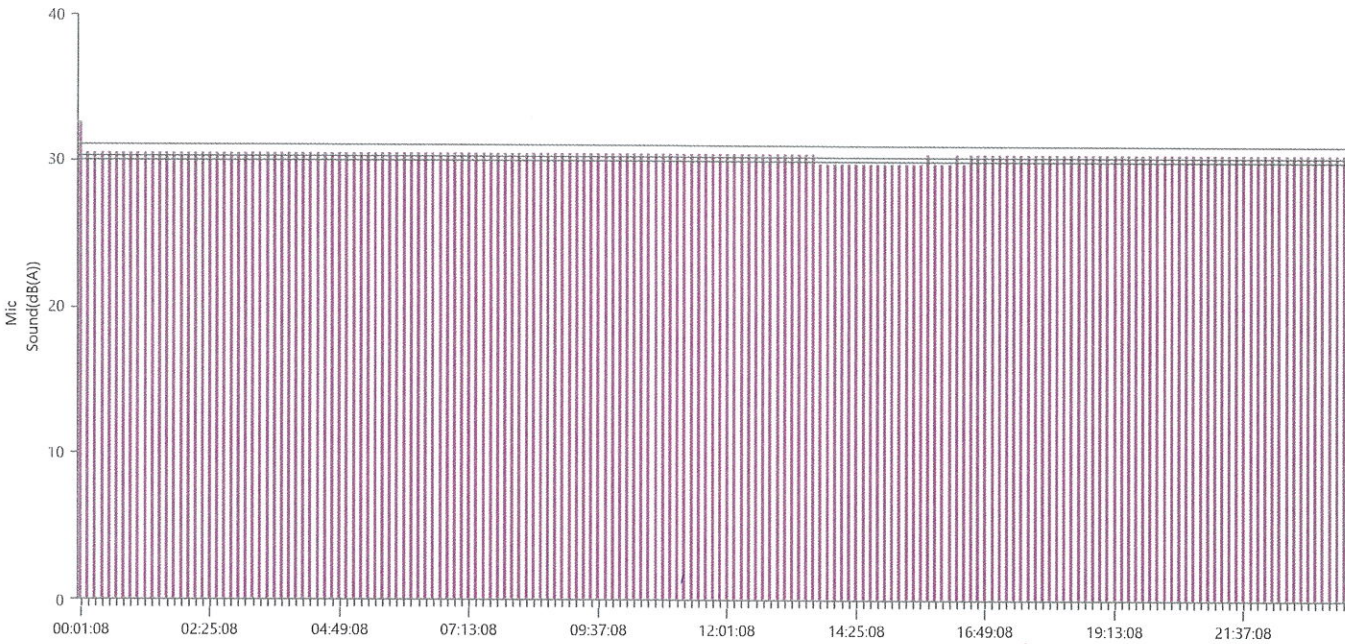
Notes
Location Noise 2
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note Station 5N30.49911 W98.21538
Post Event Notes No text to be displayed.

Sound Level Microphone A-Weight Slow
LMax 32.6 dB(A)
Date Jul 25, 2022
Time 00:01:08

Sound(dB(A))	LMin	L10	L90	Leq
<30	31	31	30	30.3
Sensor Check	✓ Passed			
Test Amplitude	930 mv			

Sensor Check



L10
 Leq
 L90
 ✓ Passed

microphone malfunction. HAS been replaced.

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

Vert at July 25, 2022 11:47:43
 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_20220725114743.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

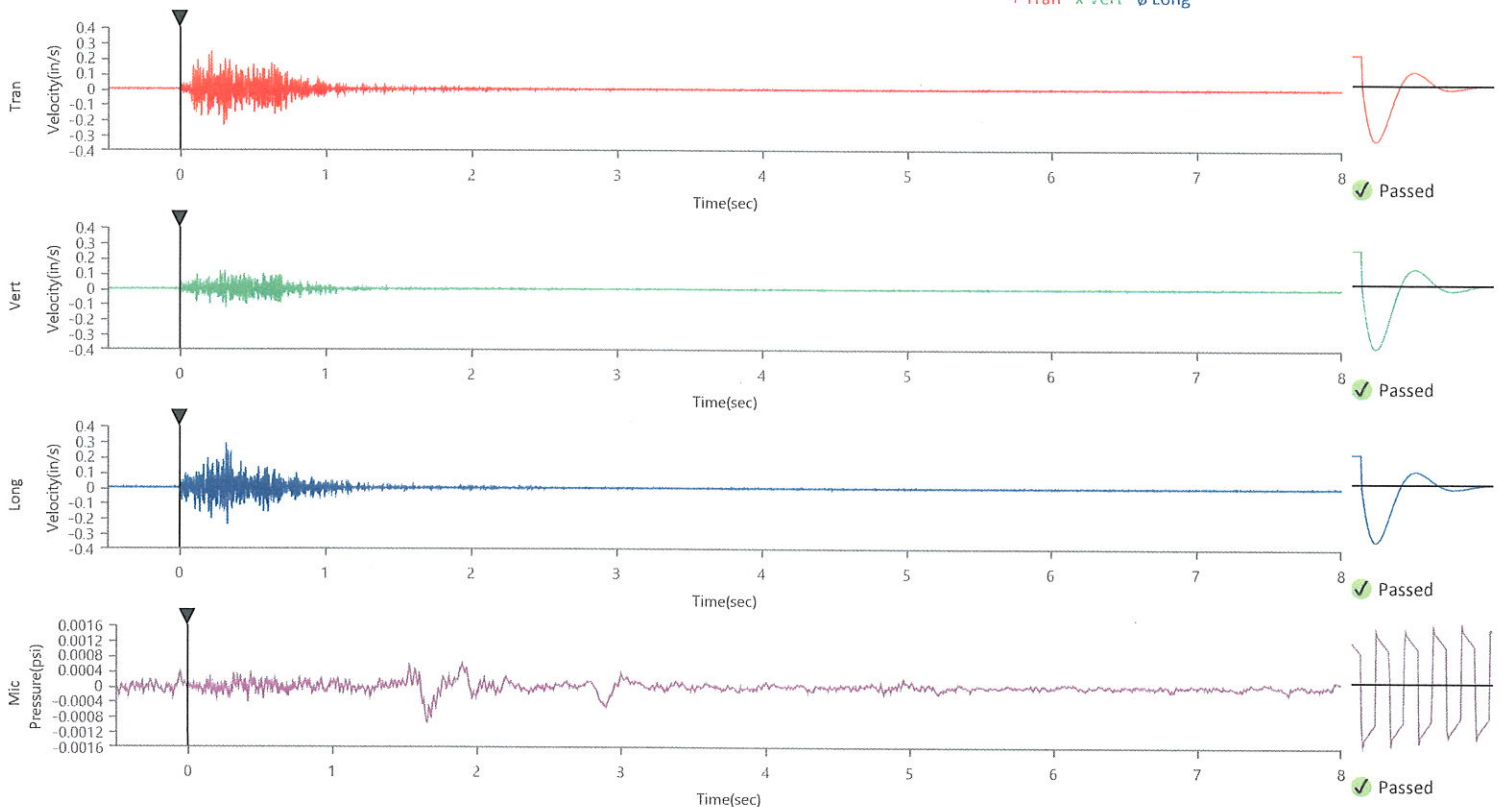
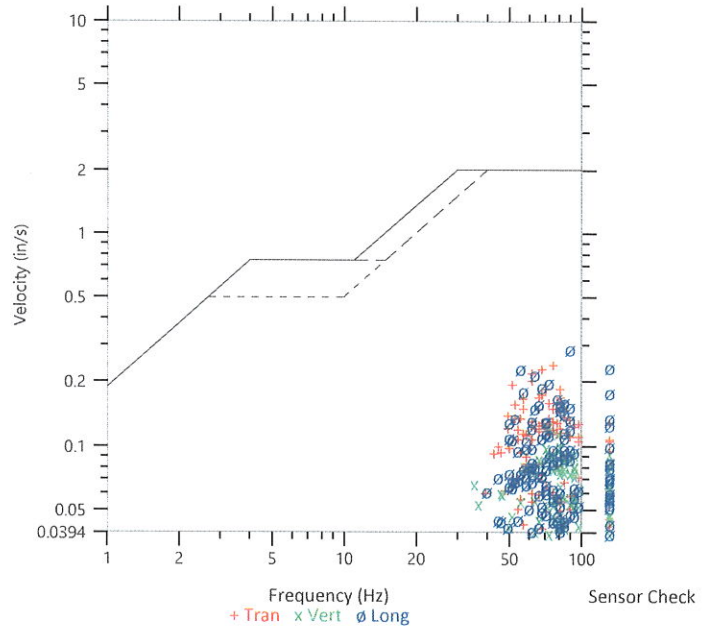
	Tran	Vert	Long
Peak Particle Velocity	0.2464 in/s	0.1247 in/s	0.2898 in/s
Zero Crossing Frequency	75.9 Hz	73.1 Hz	89.0 Hz
Time (Relative to Trigger)	0.213 sec	0.313 sec	0.317 sec
Peak Acceleration	0.299 g	0.171 g	0.490 g
Peak Displacement	0.001 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.1	3.9	4.4

Peak Vector Sum 0.3349 in/s at 0.316 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000938 psi
 Peak Sound Pressure Level 110.2 dB(L)
 Time (Relative to Trigger) 1.658 sec
 Zero Crossing Frequency 3.4 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1276 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

Tran at July 25, 2022 11:47:43
 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_20220725114743.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

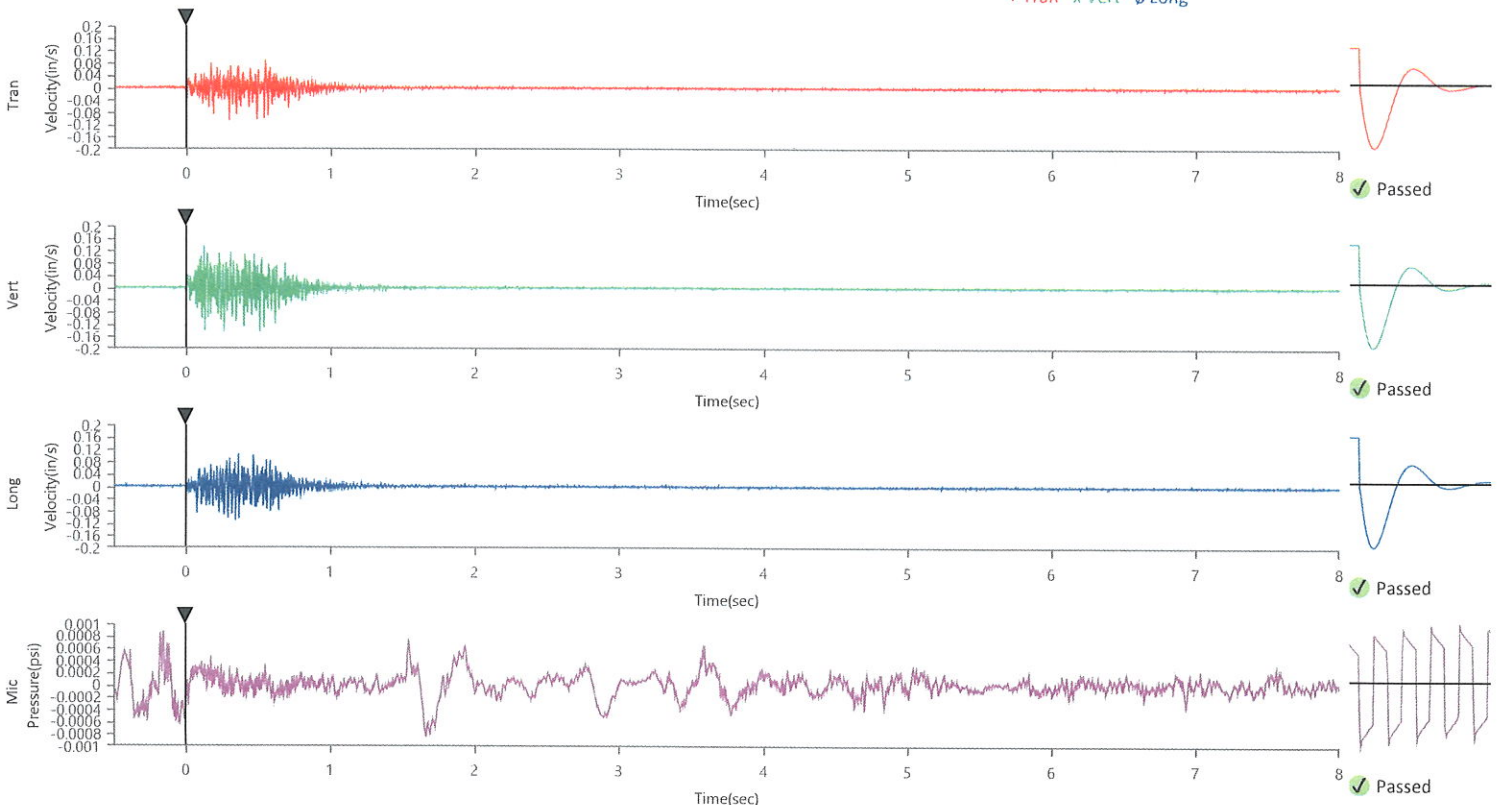
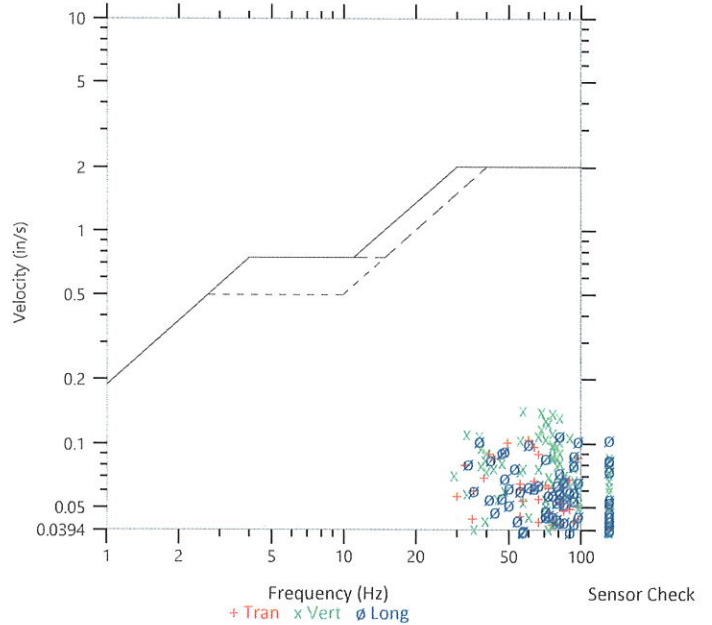
	Tran	Vert	Long
Peak Particle Velocity	0.1064 in/s	0.1462 in/s	0.1105 in/s
Zero Crossing Frequency	60.2 Hz	56.9 Hz	81.9 Hz
Time (Relative to Trigger)	0.296 sec	0.265 sec	0.345 sec
Peak Acceleration	0.148 g	0.204 g	0.188 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.5 Hz
Overswing Ratio	3.9	3.6	3.4

Peak Vector Sum 0.1742 in/s at 0.265 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000875 psi
 Peak Sound Pressure Level 109.6 dB(L)
 Time (Relative to Trigger) -0.158 sec
 Zero Crossing Frequency 13.3 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1250 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 July 25, 2022 11:47:43
 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

UM6548
 Micromate ISEE 10.90GC
 3.8 volts
 April 19, 2022 by Instantel
 UM6548_20220725114743.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

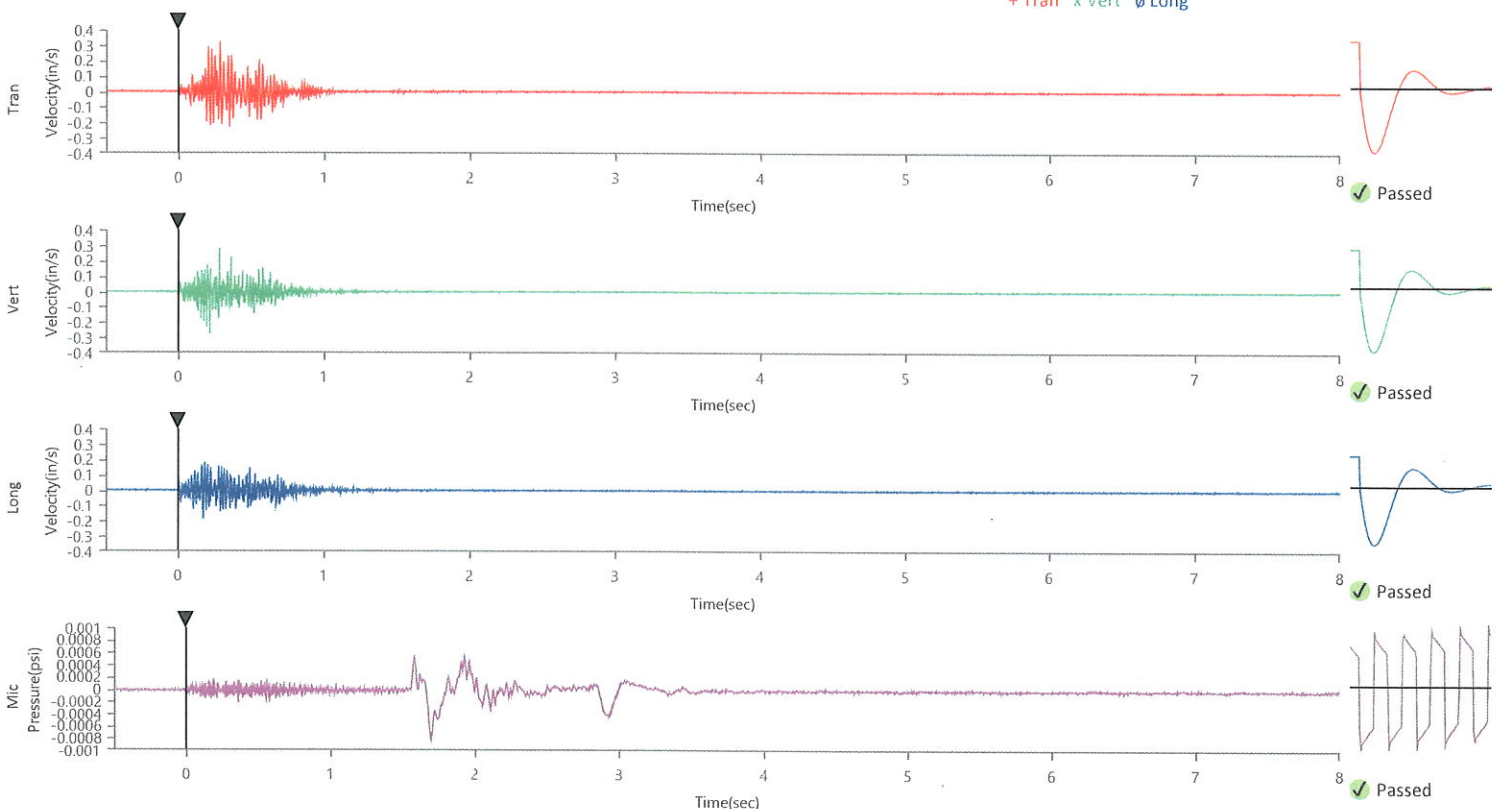
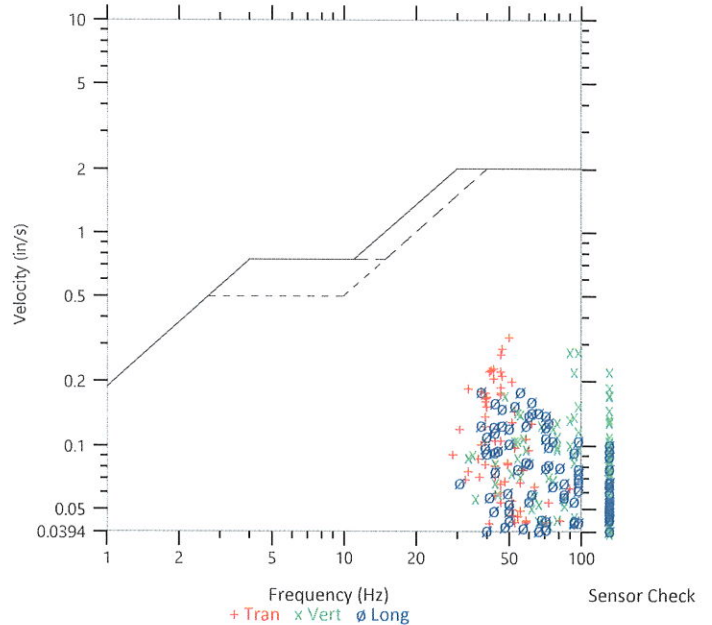
	Tran	Vert	Long
Peak Particle Velocity	0.3258 in/s	0.2827 in/s	0.1837 in/s
Zero Crossing Frequency	50.0 Hz	89.0 Hz	37.9 Hz
Time (Relative to Trigger)	0.285 sec	0.215 sec	0.181 sec
Peak Acceleration	0.313 g	0.441 g	0.260 g
Peak Displacement	0.001 in	0.001 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.5 Hz
Overswing Ratio	3.5	3.5	3.1

Peak Vector Sum 0.3421 in/s at 0.215 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000837 psi
 Peak Sound Pressure Level 109.2 dB(L)
 Time (Relative to Trigger) 1.696 sec
 Zero Crossing Frequency 3.5 Hz
 Sensor Check ✓ Passed
 Frequency 20.5 Hz
 Test Amplitude 1281 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 July 25, 2022 11:47:42
 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_20220725114742.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

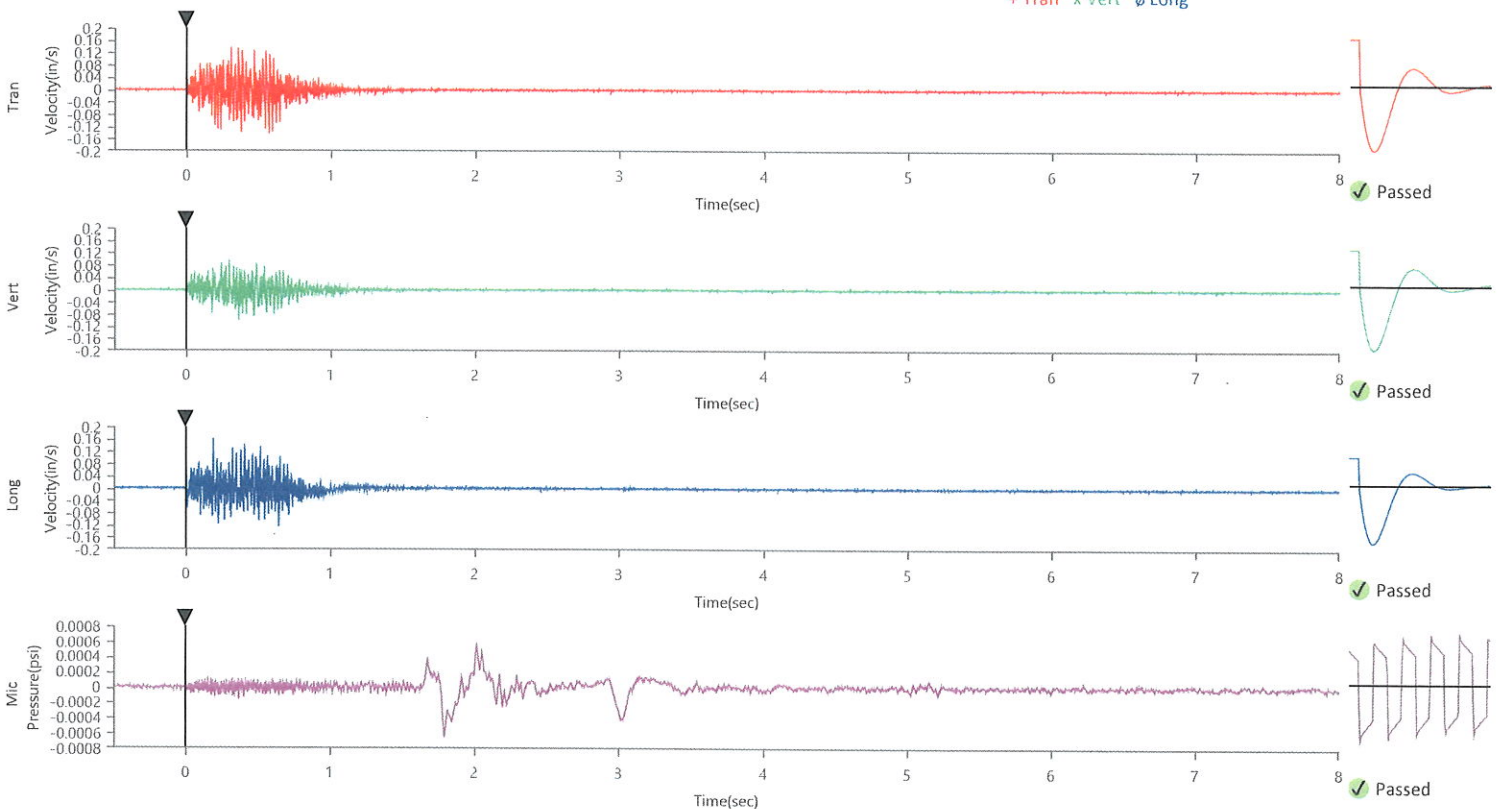
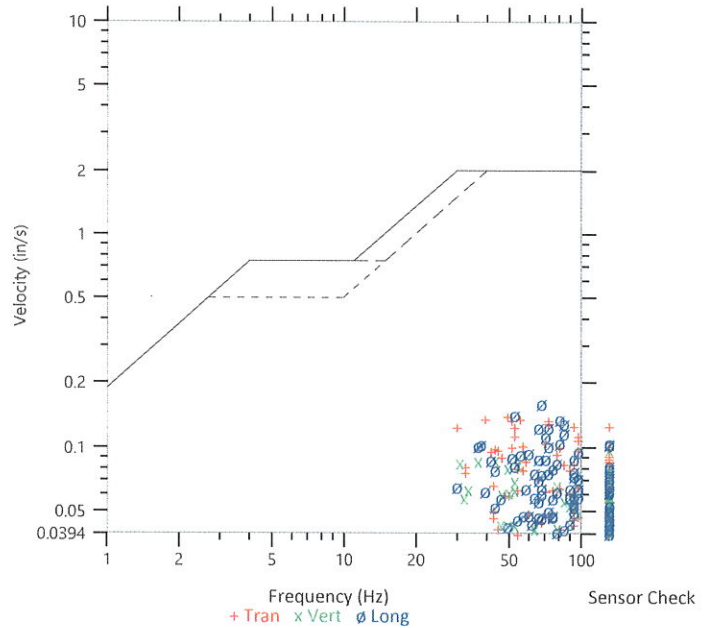
	Tran	Vert	Long
Peak Particle Velocity	0.1418 in/s	0.1002 in/s	0.1626 in/s
Zero Crossing Frequency	48.8 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	0.573 sec	0.366 sec	0.191 sec
Peak Acceleration	0.286 g	0.194 g	0.217 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.4	3.5	4.5

Peak Vector Sum 0.1797 in/s at 0.385 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000659 psi
 Peak Sound Pressure Level 107.1 dB(L)
 Time (Relative to Trigger) 1.791 sec
 Zero Crossing Frequency 3.7 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1289 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

Long at July 25, 2022 11:47:42
 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_20220725114742.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

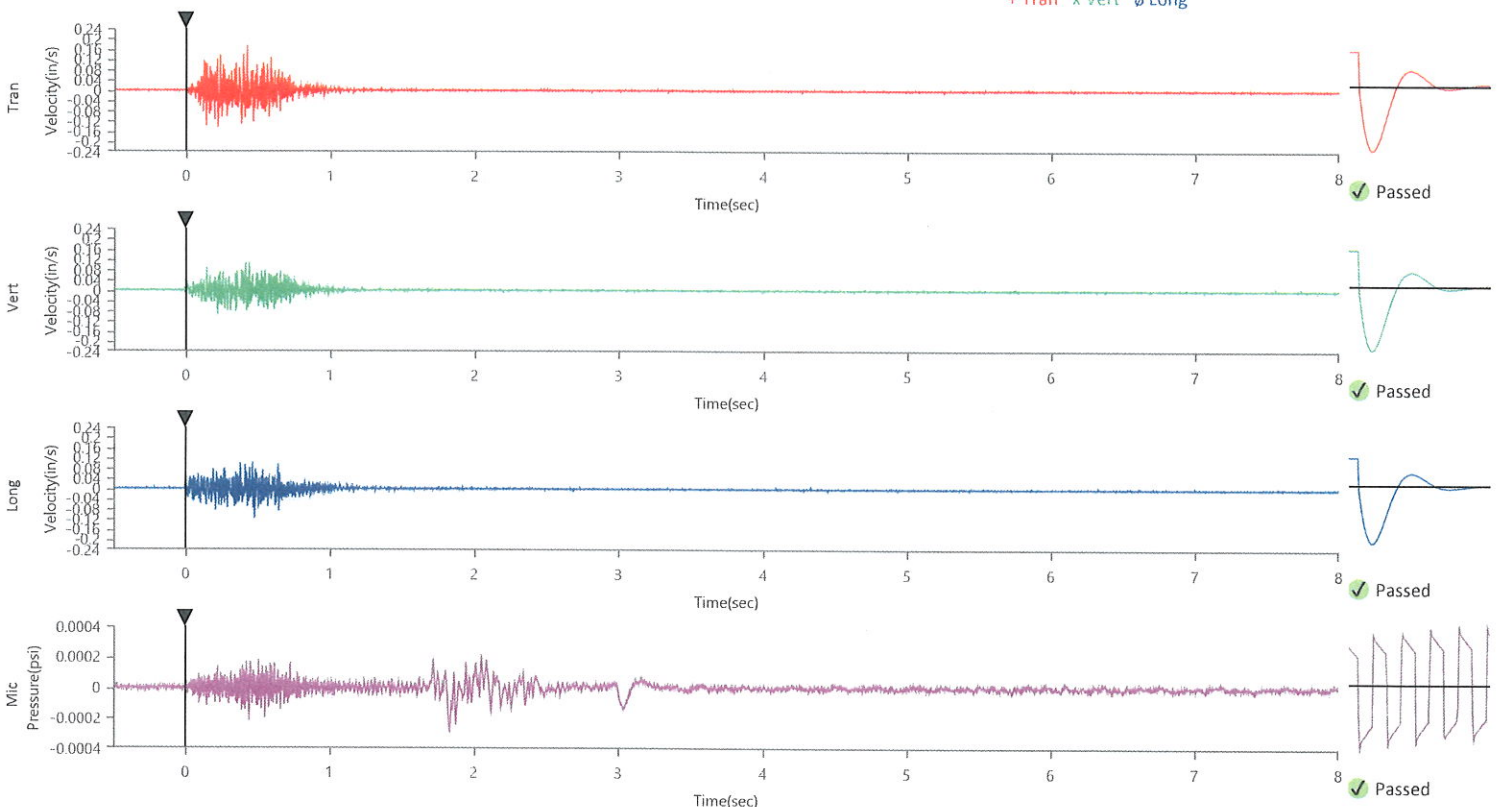
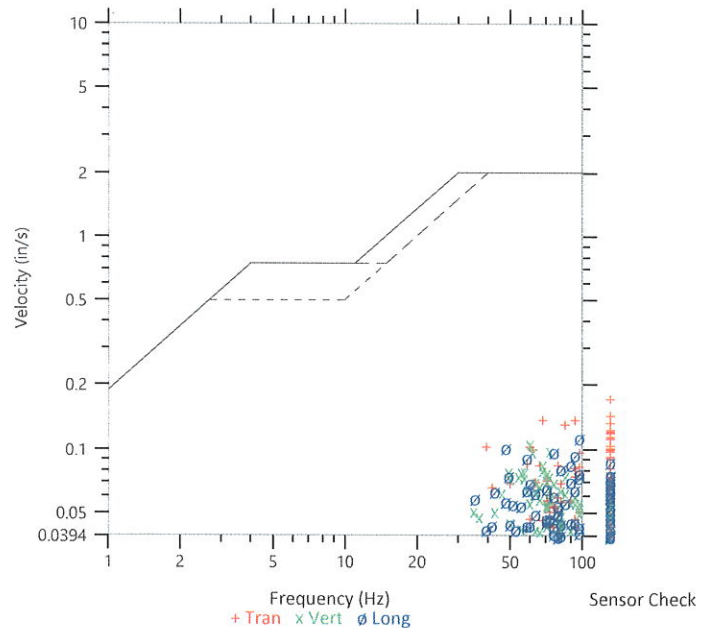
	Tran	Vert	Long
Peak Particle Velocity	0.1744 in/s	0.1086 in/s	0.1139 in/s
Zero Crossing Frequency	>100 Hz	60.2 Hz	97.5 Hz
Time (Relative to Trigger)	0.422 sec	0.439 sec	0.480 sec
Peak Acceleration	0.303 g	0.151 g	0.181 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.0	4.5	4.8

Peak Vector Sum 0.1822 in/s at 0.422 sec

ISEE Linear Microphone

Peak Sound Pressure Level 0.000304 psi
 Peak Sound Pressure Level 100.4 dB(L)
 Time (Relative to Trigger) 1.829 sec
 Zero Crossing Frequency 11.8 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1233 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

Tran at July 25, 2022 11:47:42
 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_20220725114742.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

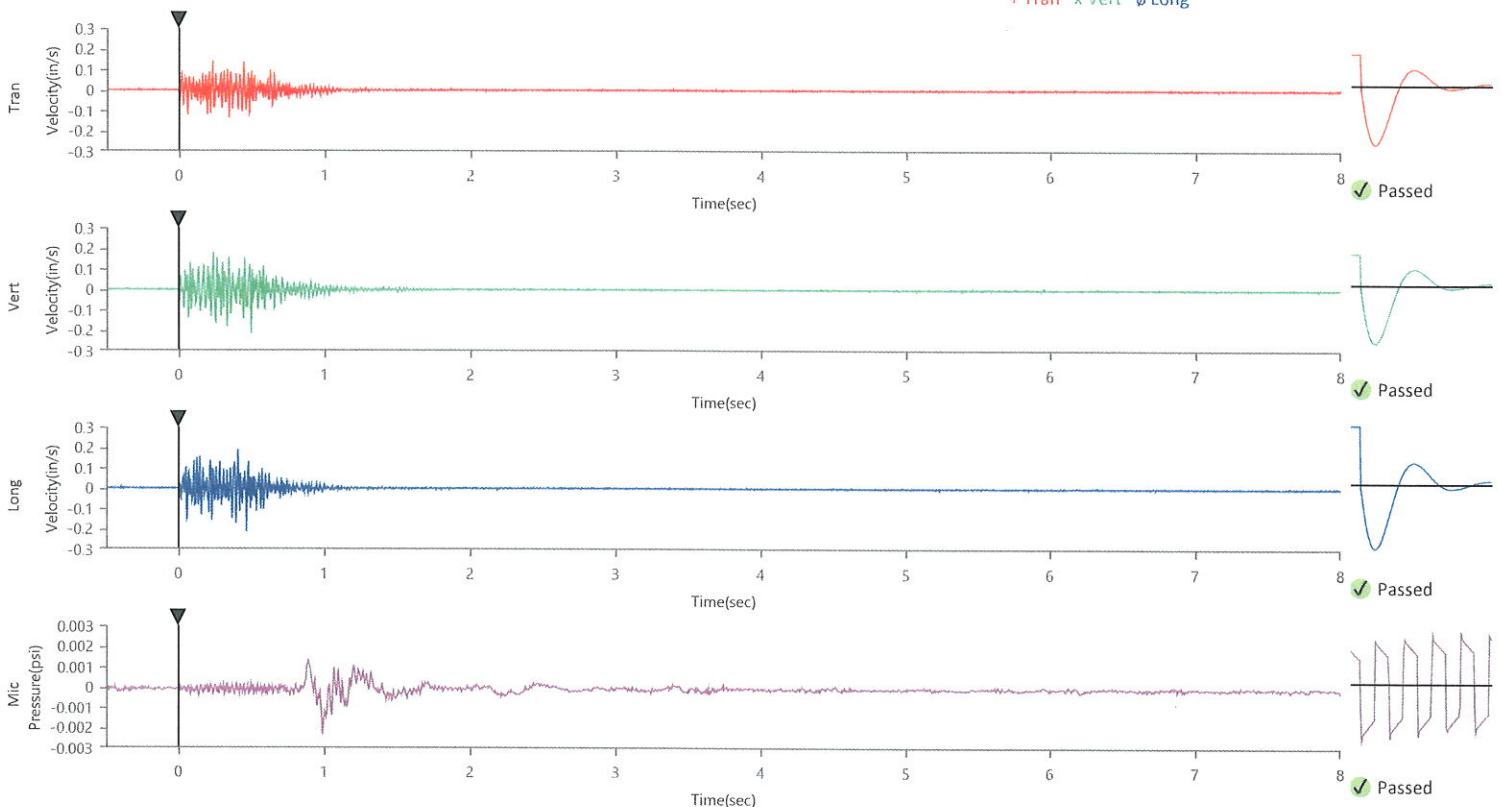
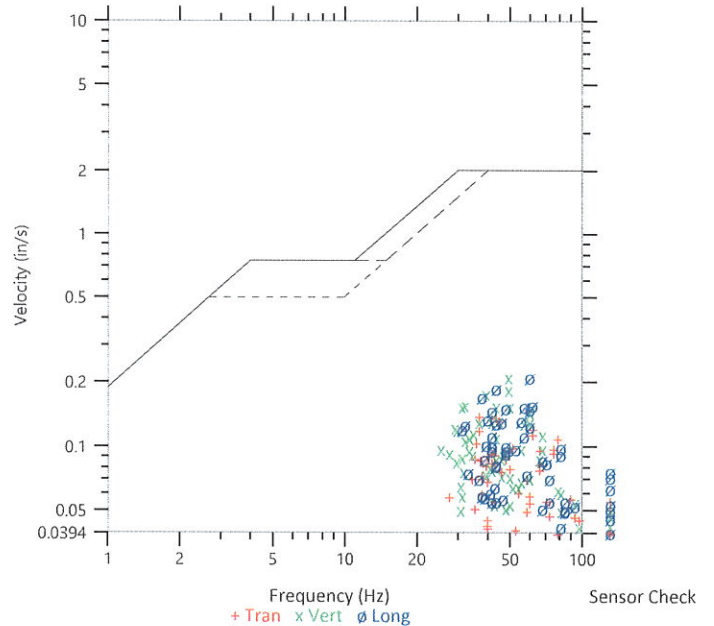
	Tran	Vert	Long
Peak Particle Velocity	0.1390 in/s	0.2150 in/s	0.2129 in/s
Zero Crossing Frequency	36.6 Hz	48.8 Hz	60.2 Hz
Time (Relative to Trigger)	0.228 sec	0.497 sec	0.466 sec
Peak Acceleration	0.201 g	0.214 g	0.211 g
Peak Displacement	0.000 in	0.001 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.5	3.5	2.9

Peak Vector Sum 0.2370 in/s at 0.497 sec

ISEE Linear Microphone

Peak Sound Pressure Level	0.002372 psi
Peak Sound Pressure Level	118.3 dB(L)
Time (Relative to Trigger)	0.989 sec
Zero Crossing Frequency	5.6 Hz
Sensor Check	✓ Passed
Frequency	19.7 Hz
Test Amplitude	1282 mv

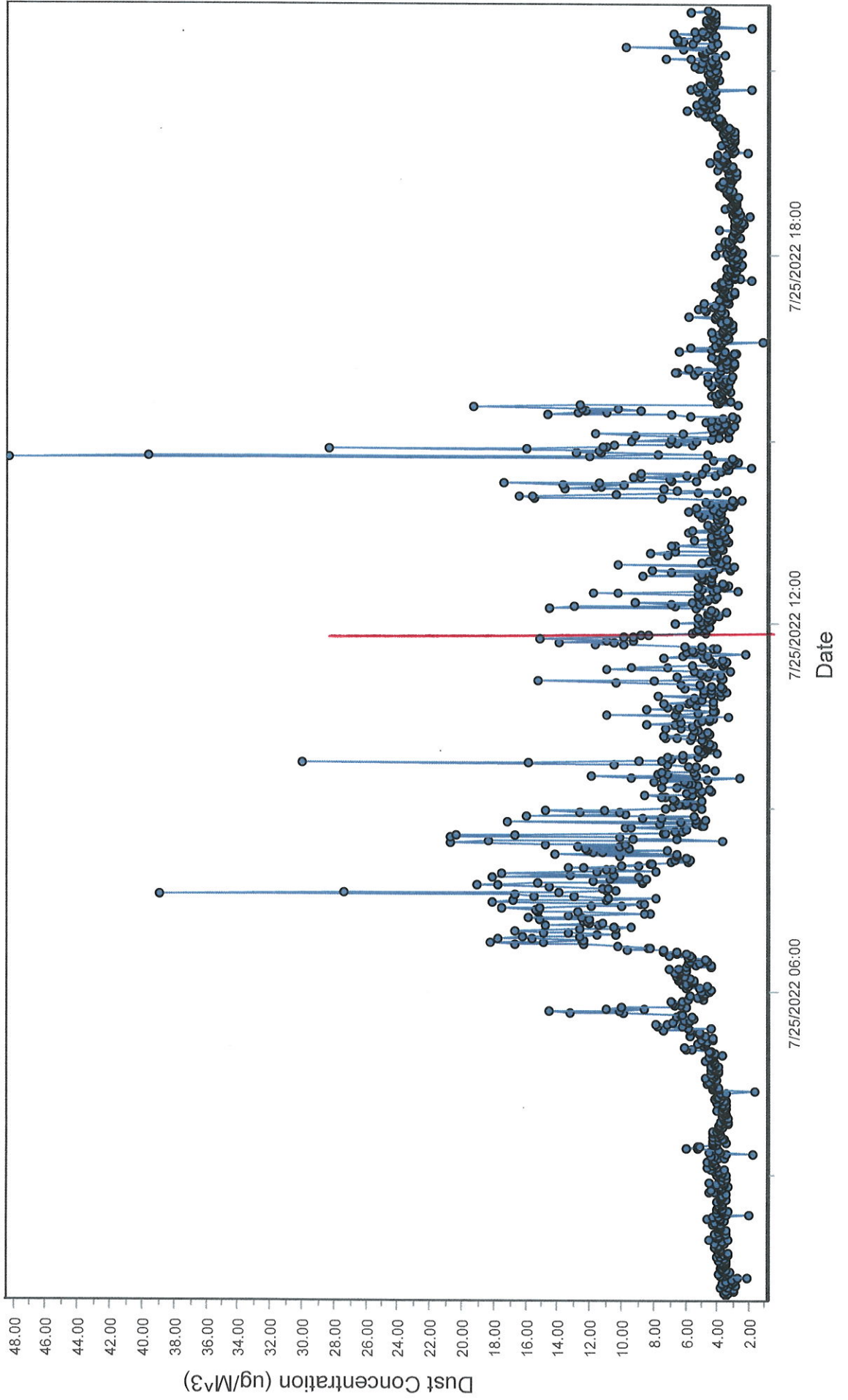
USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor

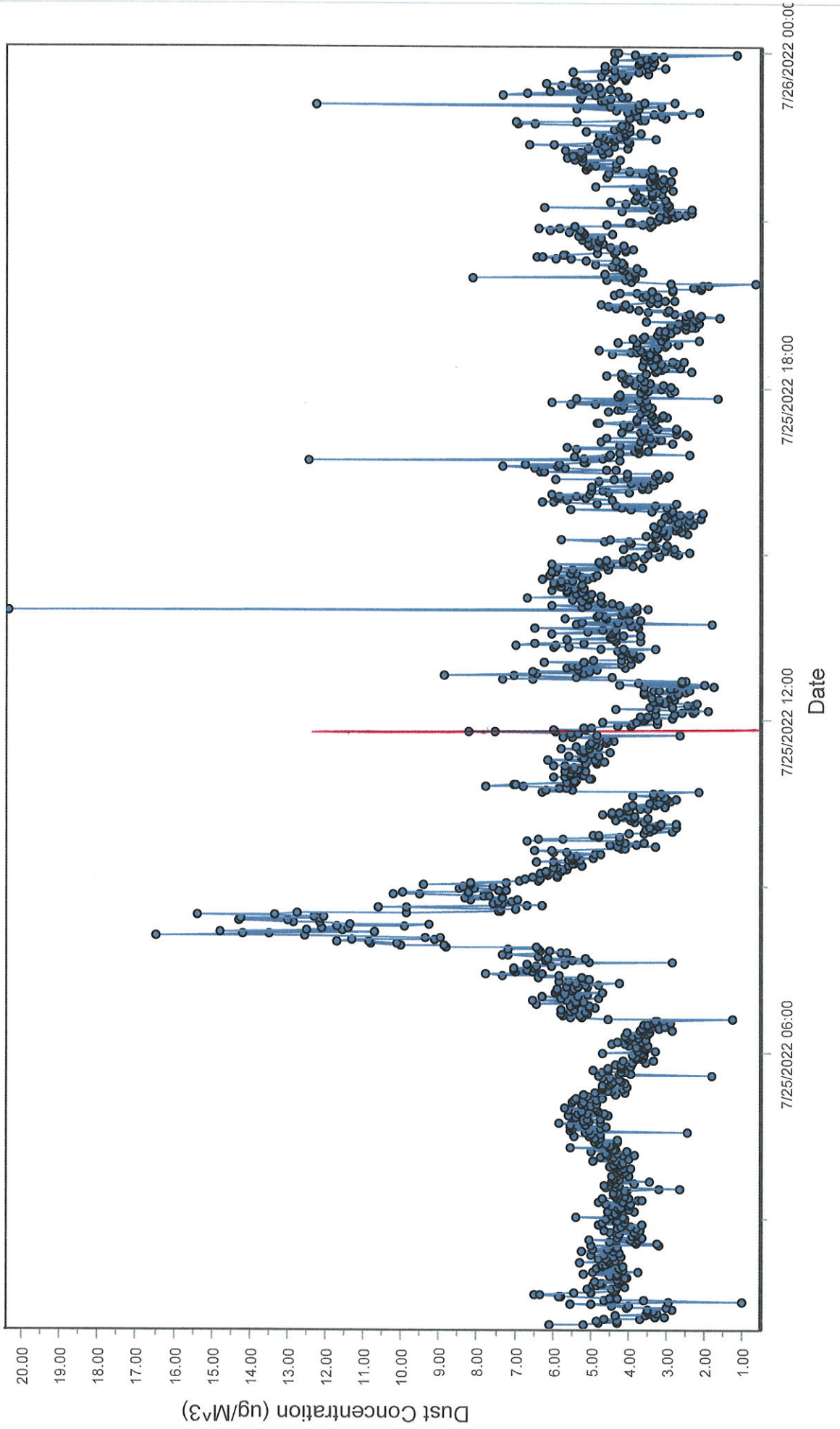
● D100@AvgPartL



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

● D100@AvgPartL





Spicewood Hwy 71 - Station 5

The Carver Group

Spicewood Hwy 71 - Station 4

Spicewood Hwy 71 - Station 3

Spicewood Hwy 71 - Station 2

Spicewood Hwy 71 - Station 1

12-22

Spicewood Hwy 71 - Station 6

Spicewood Hwy 71 - South Dust

Spicewood Hwy 71 - Noise 3

71

Google Earth

Double Horn Boat & RV Storage

Professional Civil Process- Corporate...

Terrata Homes - Spicewood Trail