



ACN 095 243 584

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Oak Flats 2529**

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REF: BN05/25

Date: 06th February 2025

Company: Environmental Protection Agency/Dept Planning

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Attention: to Whom it may concern

Blast Result Notification

Attached are the blast monitor results for today's blast, Thursday, 06th February 2025, all residential overpressures did not exceed residential threshold of 115.0 dB with the highest reading at the Correctional Facility which recorded 109.5 dB. The residential ground vibrations did not exceed the residential ground vibration limit of 5mm/s with the highest recording of 4.554mm/s at the Correctional Facility. All commercial overpressures were also below the threshold of 125.0 dB with the highest reading 111.8 dB at Commercial Properties. The commercial ground vibrations were also below the commercial limits of 25mm/s with the highest reading 5.975mm/s at the Commercial Properties.

Regards

Budd Green
0418 112 776

Date/Time Vert at 12:30:55 February 6, 2025
Trigger Source Geo: 0.130 mm/s, Mic: 100.00 dB(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec at 1024 sps
Operator/Setup: Operator/UM11466.mmb

Serial Number UM11466 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 15, 2025 by Saros Int
File Name UM11466_20250206123055.IDFW

Notes

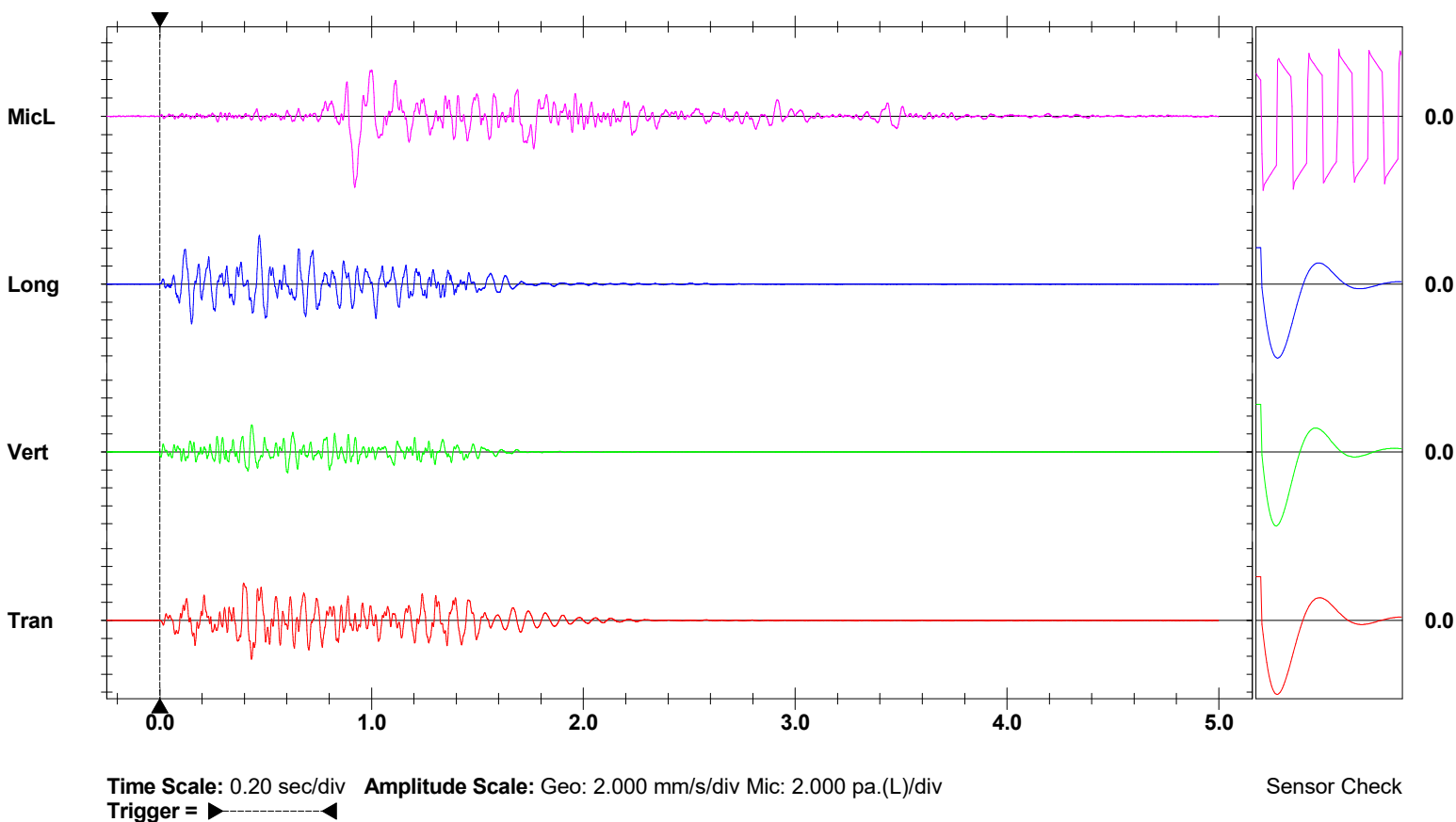
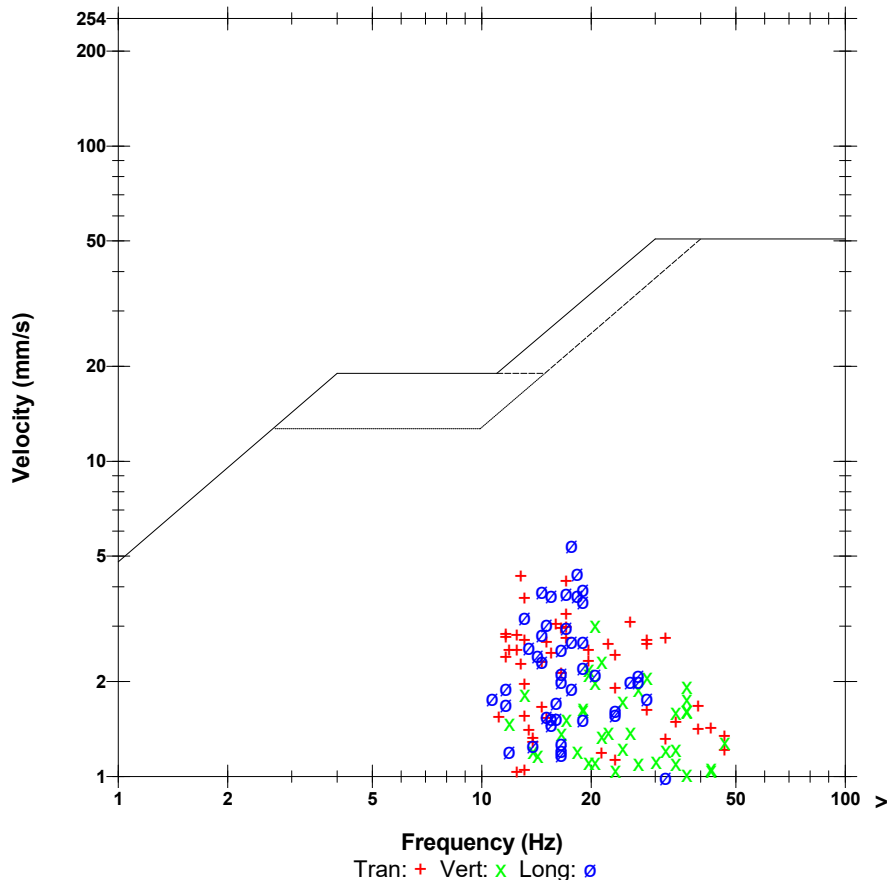
Location
 Client
 Company
 General Notes

Microphone Linear Weighting
PSPL 111.8 dB(L) at 0.920 sec
ZC Freq 8.3 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1425 mv)

	Tran	Vert	Long	
PPV	4.327	3.019	5.423	mm/s
ZC Freq	13	20	18	Hz
Time (Rel. to Trig)	0.434	0.435	0.471	sec
Peak Acceleration	0.083	0.052	0.077	g
Peak Displacement	0.052	0.024	0.046	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.9	7.3	Hz
Overswing Ratio	3.2	3.1	3.5	

Peak Vector Sum 5.975 mm/s at 0.471 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:31:03 February 6, 2025
Trigger Source Geo: 0.130 mm/s
Range Geo: 31.75 mm/s
Record Time 5.0 sec at 1024 sps

Serial Number BE15569 V 10.72-1.1 Minimate Blaster
Battery Level 6.4 Volts
Unit Calibration January 15, 2025 by Saros Int.
File Name Q569KXF6.RR0

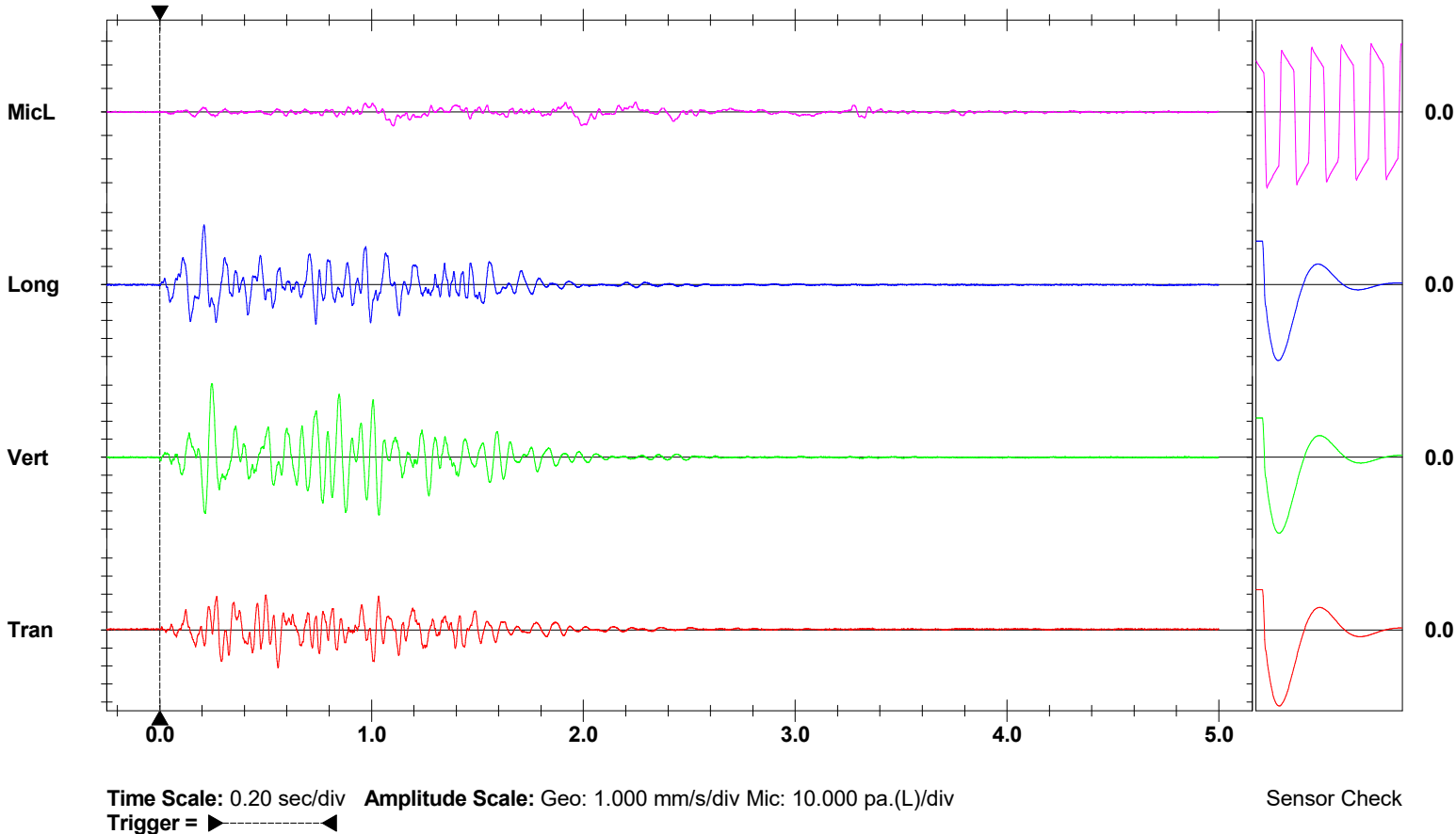
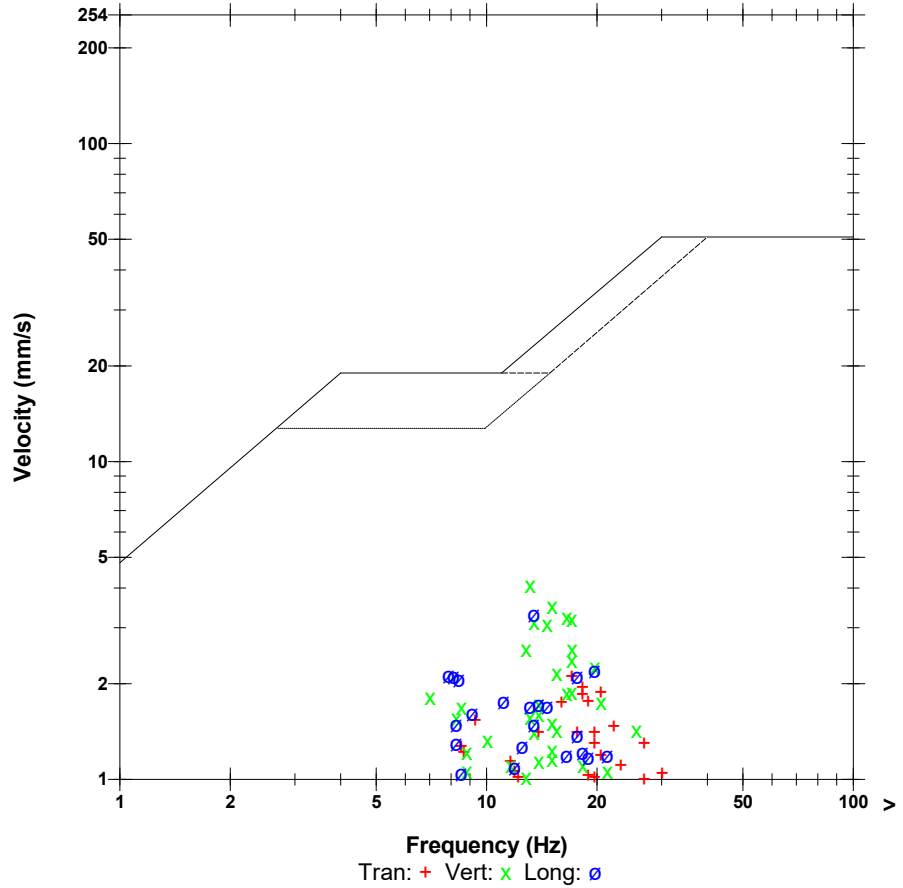
Notes

Microphone Linear Weighting
PSPL 109.5 dB(L) at 1.103 sec
ZC Freq 4.9 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 490 mv)

	Tran	Vert	Long	
PPV	2.111	4.096	3.318	mm/s
ZC Freq	17	13	13	Hz
Time (Rel. to Trig)	0.559	0.247	0.209	sec
Peak Acceleration	0.031	0.040	0.033	g
Peak Displacement	0.023	0.047	0.036	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.5	7.7	Hz
Overswing Ratio	3.4	3.5	3.8	

Peak Vector Sum 4.554 mm/s at 0.210 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:31:05 February 6, 2025
Trigger Source Geo: 0.130 mm/s
Range Geo: 31.75 mm/s
Record Time 5.0 sec at 1024 sps

Serial Number BE16020 V 10.72-1.1 Minimate Blaster
Battery Level 6.4 Volts
Unit Calibration January 15, 2025 by Saros Int.
File Name R020KXF6.RT0

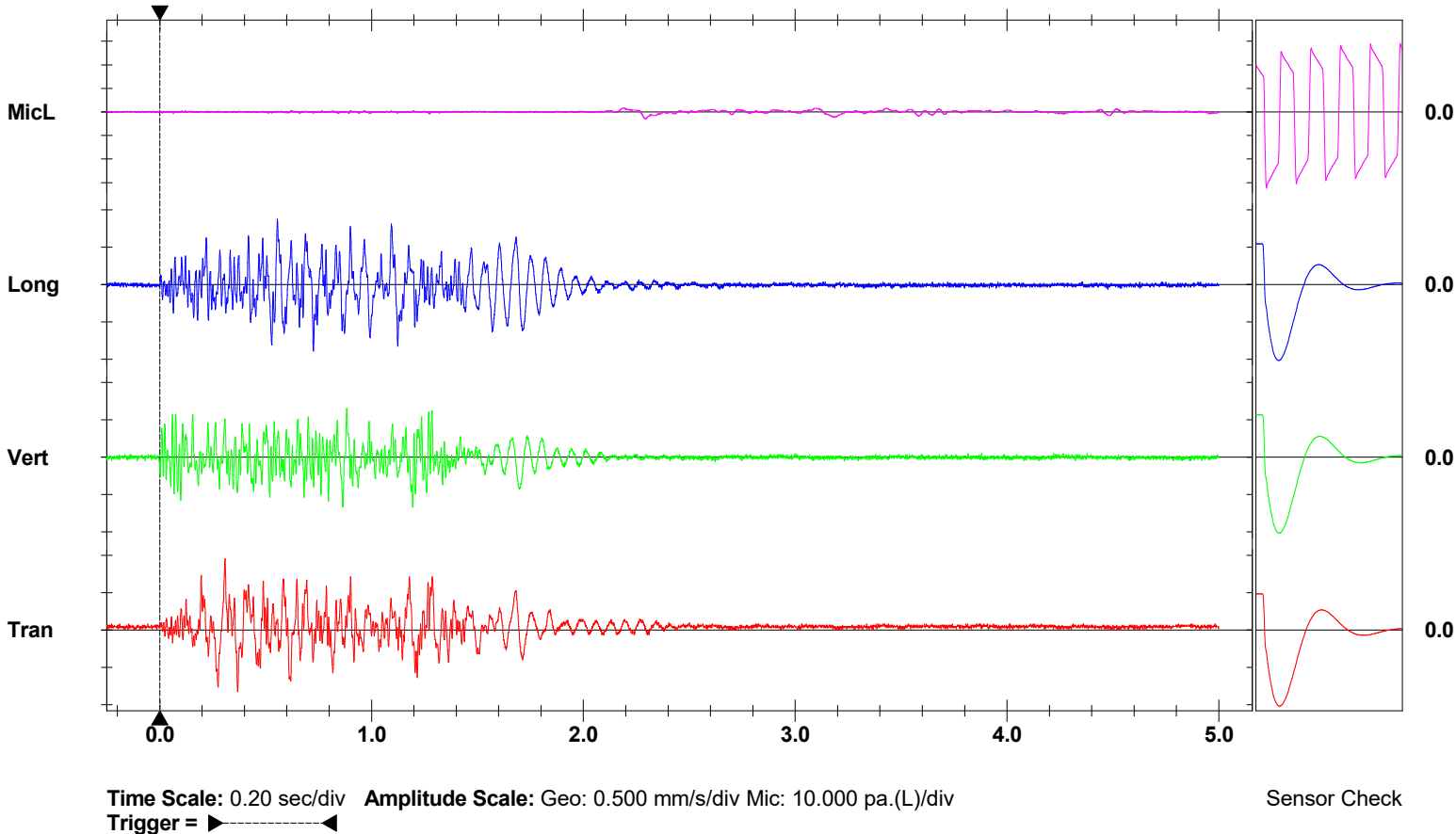
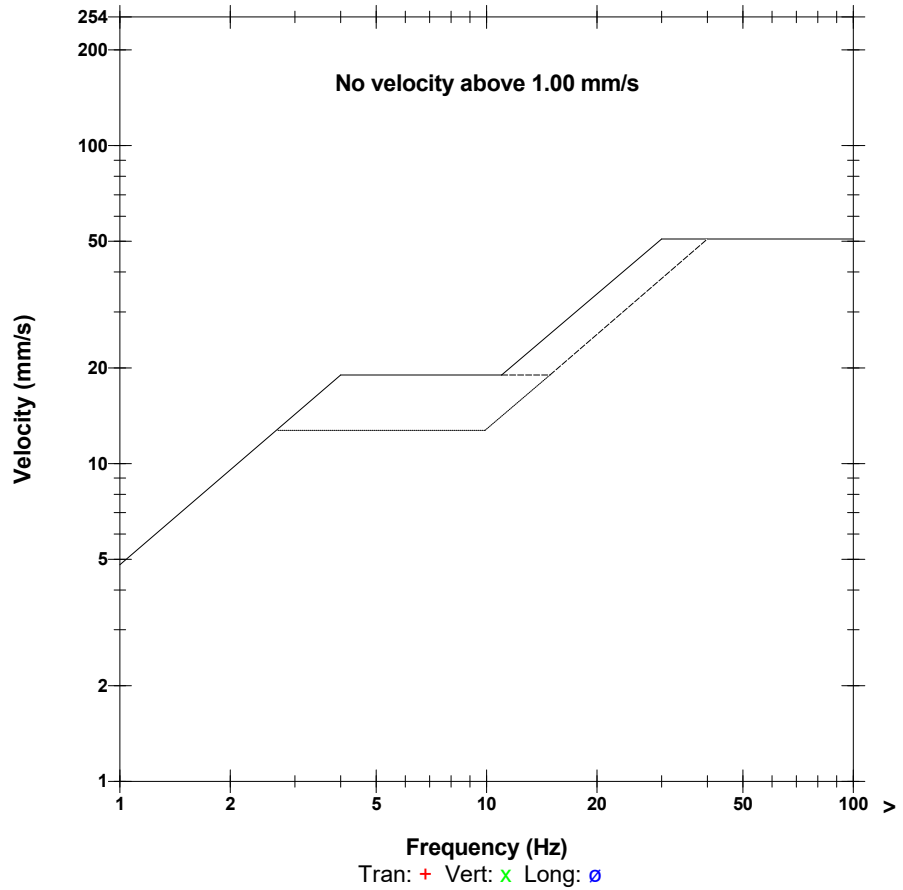
Notes

Microphone Linear Weighting
PSPL 103.5 dB(L) at 2.292 sec
ZC Freq 5.1 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 529 mv)

	Tran	Vert	Long	
PPV	0.952	0.667	0.889	mm/s
ZC Freq	17	22	16	Hz
Time (Rel. to Trig)	0.308	0.864	0.726	sec
Peak Acceleration	0.023	0.027	0.023	g
Peak Displacement	0.009	0.005	0.008	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.2	7.4	7.5	Hz
Overswing Ratio	3.8	3.7	3.9	

Peak Vector Sum 1.081 mm/s at 0.308 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:31:14 February 6, 2025
Trigger Source Geo: 0.130 mm/s, Mic: 100.00 dB(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec at 1024 sps
Operator/Setup: Operator/UM11464.mmb

Serial Number UM11464 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 15, 2025 by Saros Int
File Name UM11464_20250206123114.IDFW

Notes

Location
 Client
 Company
 General Notes

Microphone Linear Weighting
PSPL 101.4 dB(L) at 2.292 sec
ZC Freq 7.1 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1468 mv)

	Tran	Vert	Long	
PPV	0.796	0.654	0.851	mm/s
ZC Freq	17	22	17	Hz
Time (Rel. to Trig)	0.593	1.261	0.567	sec
Peak Acceleration	0.021	0.023	0.017	g
Peak Displacement	0.009	0.005	0.008	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.9	7.7	7.5	Hz
Overswing Ratio	2.9	3.1	3.2	

Peak Vector Sum 1.006 mm/s at 0.567 sec

USBM RI8507 And OSMRE

