Instantel Event Report

Date/Time	Vert at 11:59:59 January 13, 2026
Trigger Source	Geo: 0.020 in/s
Range	Geo: 10.000 in/s
Record Time	3.0 sec at 1024 sps
Operator/Setup:	Operator/factory.MMB

Notes
Location:
Client:
User Name:
General:

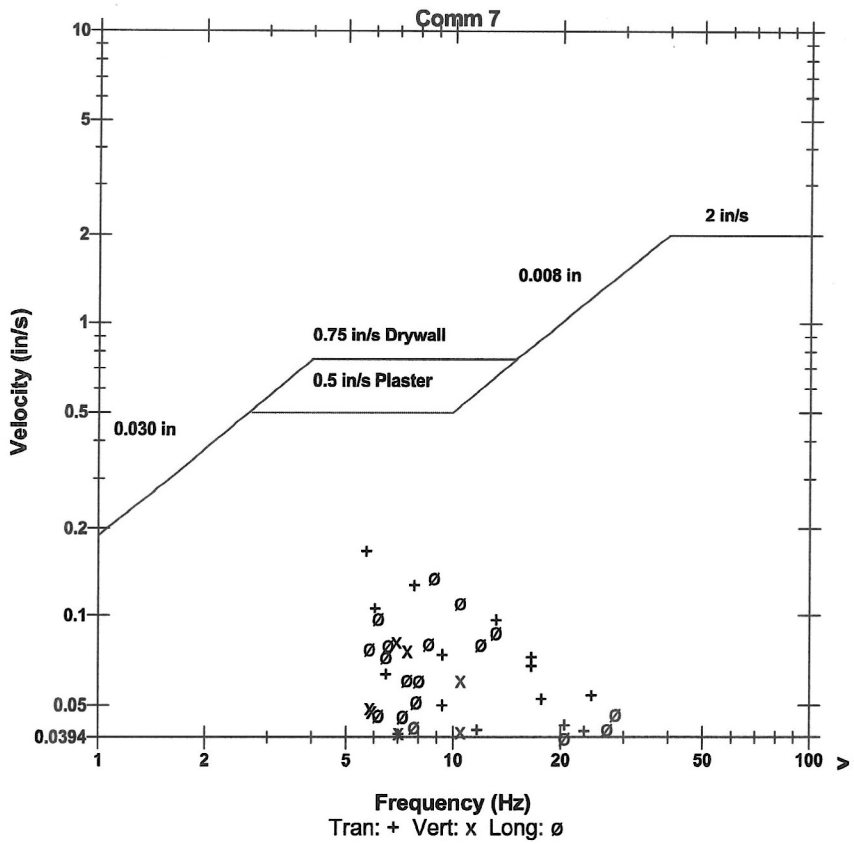
Serial Number	UM13396 V 11-0AK Micromate ISEE
Battery Level	3.8 Volts
Unit Calibration	April 29, 2025 by Instantel
File Name	UM13396_20260113115959.IDFW

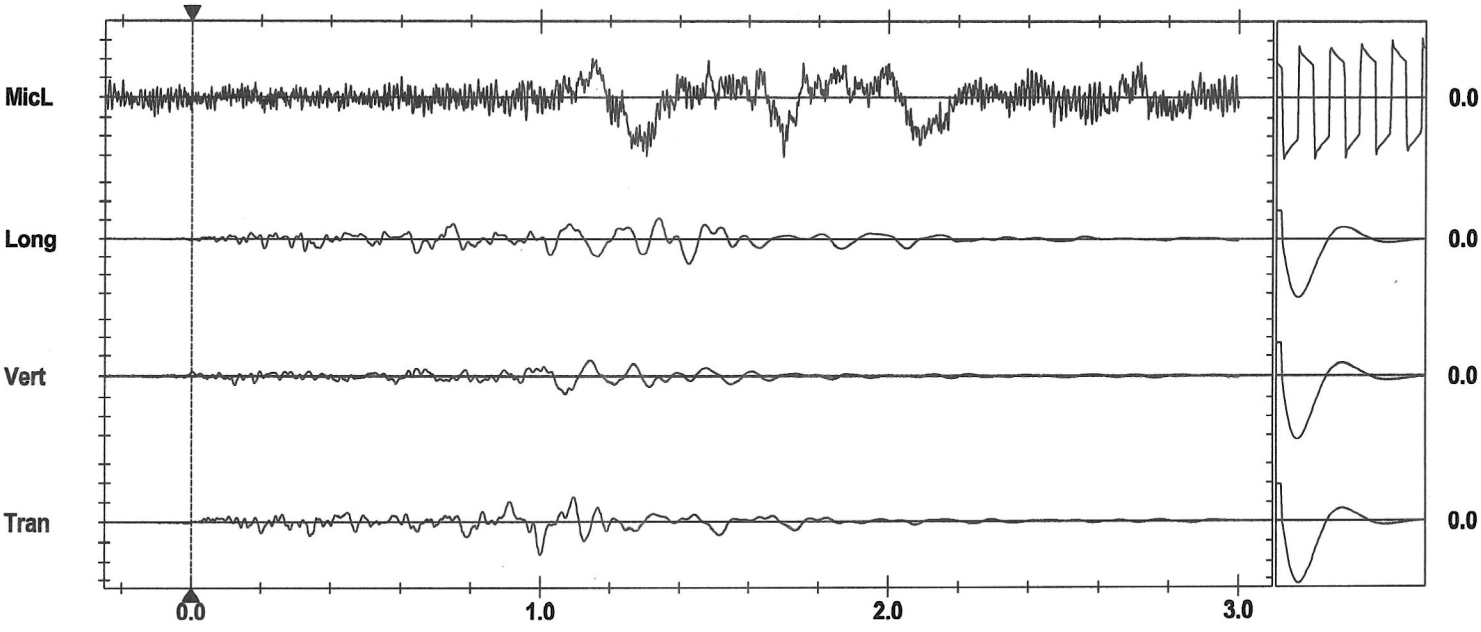
Post Event Notes
Client - Homburg
Pit Homburg Homepit
Location - 109 S Thompson

Microphone	Linear Weighting
PSPL	106.6 dB(L) at 1.699 sec
ZC Freq	5.7 Hz
Channel Test	Passed (Freq = 20.5 Hz Amp = 1377 mv)

	Tran	Vert	Long	
PPV	0.167	0.082	0.136	in/s
ZC Freq	5.7	6.9	8.8	Hz
Time (Rel. to Trig)	0.999	1.071	1.426	sec
Peak Acceleration	0.064	0.039	0.039	g
Peak Displacement	0.002	0.002	0.002	in
Sensor Check	Passed	Passed	Passed	
Frequency	6.9	7.1	6.9	Hz
Overswing Ratio	4.9	5.2	5.2	

Wisconsin Administrative Code





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.000 psi(L)/div
Trigger = ▶----------◀

Sensor Check

Instantel Event Report

Date/Time	Vert at 12:00:06 January 13, 2026
Trigger Source	Geo: 0.020 in/s
Range	Geo: 10.000 in/s
Record Time	4.0 sec at 1024 sps
Operator/Setup:	Operator/factory.MMB

Notes
Location:
Client:
User Name:
General:

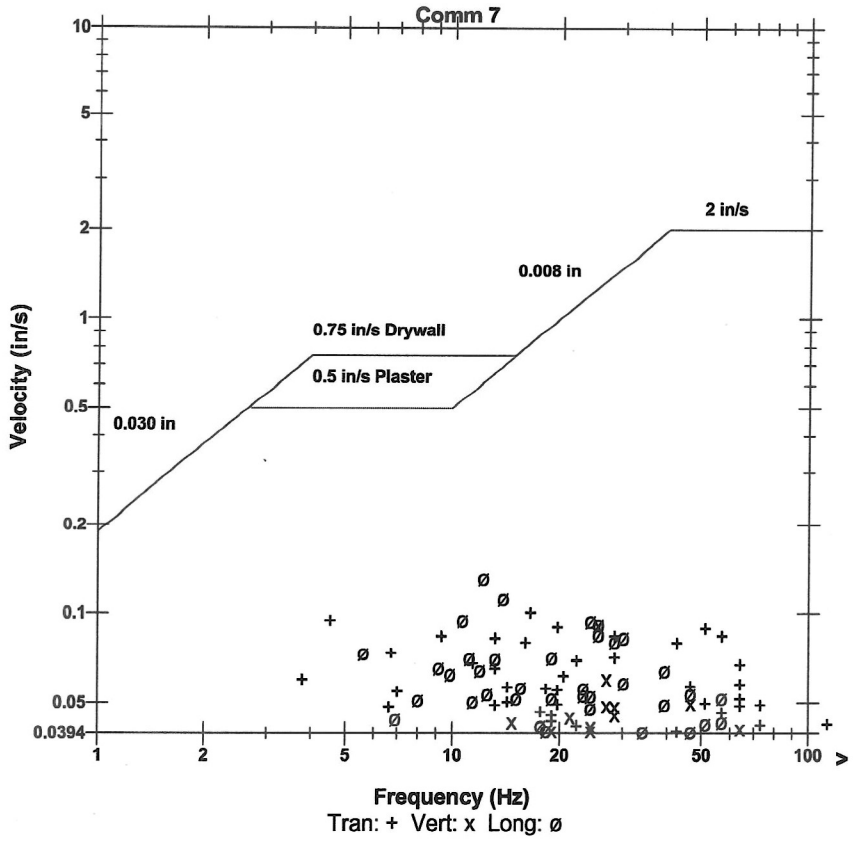
Serial Number	UM8256 V 11-0BD Micromate ISEE
Battery Level	3.8 Volts
Unit Calibration	September 4, 2025 by Instantel
File Name	UM8256_20260113120006.IDFW

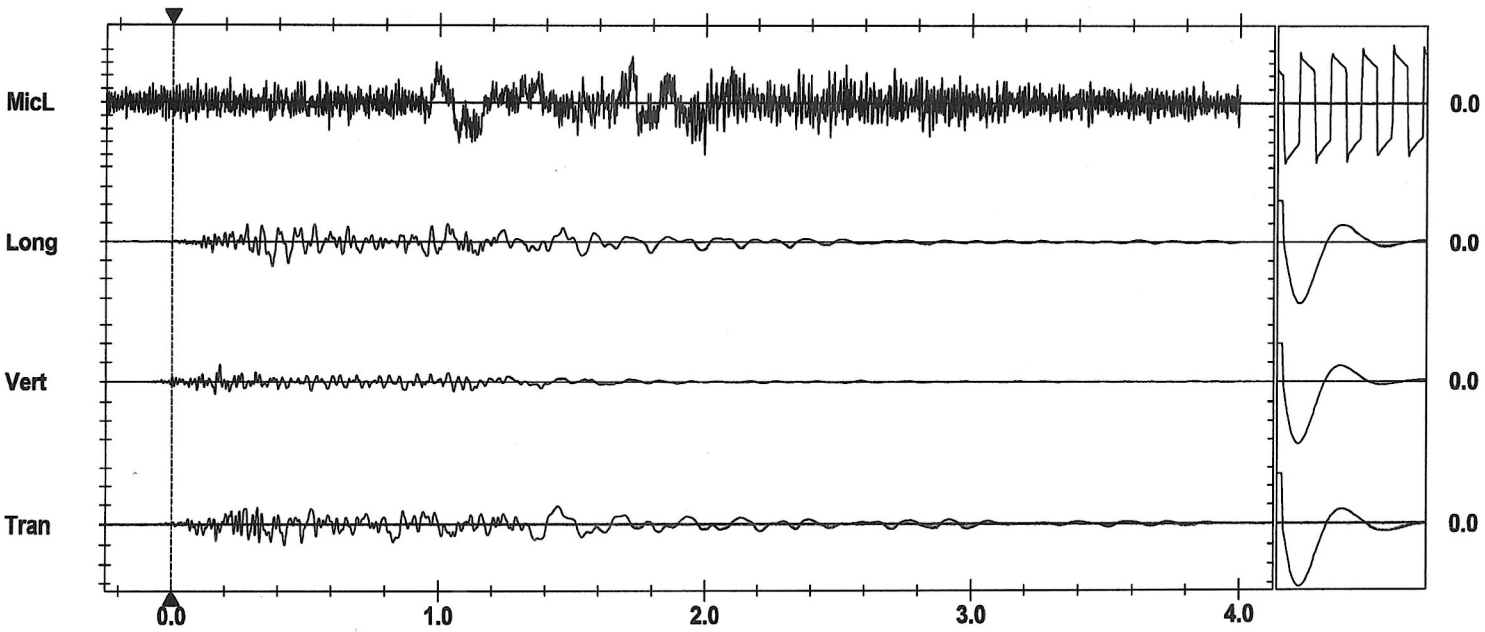
Post Event Notes
Client - Homburg
Pit Homburg Homepit
Location - 5410 Retena

Microphone	Linear Weighting
PSPL	102.6 dB(L) at 1.996 sec
ZC Freq	18 Hz
Channel Test	Passed (Freq = 20.5 Hz Amp = 1393 mv)

	Tran	Vert	Long	
PPV	0.100	0.091	0.132	in/s
ZC Freq	17	26	12	Hz
Time (Rel. to Trig)	0.425	0.181	0.378	sec
Peak Acceleration	0.159	0.074	0.098	g
Peak Displacement	0.003	0.001	0.002	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.1	7.5	7.3	Hz
Overswing Ratio	4.3	3.9	3.5	

Wisconsin Administrative Code





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.000 psi(L)/div

Sensor Check

Trigger =

Instantel Event Report

Date/Time	Vert at 12:00:06 January 13, 2026
Trigger Source	Geo: 0.020 in/s, Mic: 135.0 dB(L)
Range	Geo: 10.000 in/s
Record Time	4.0 sec at 1024 sps
Operator/Setup:	Operator/UM8225.MMB

Notes
Location:
Client:
User Name: AHLGRIMM EXPLOSIVES CO.
General:

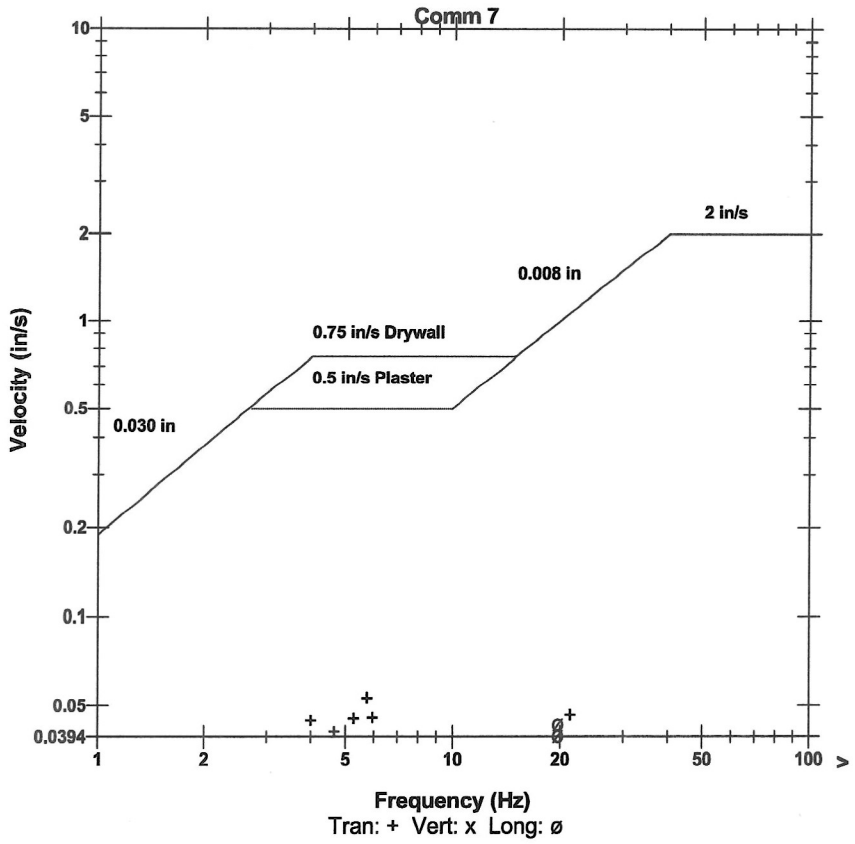
Serial Number	UM8255 V 11-0AK Micromate ISEE
Battery Level	3.8 Volts
Unit Calibration	March 12, 2025 by Instantel
File Name	UM8255_20260113120006.IDFW

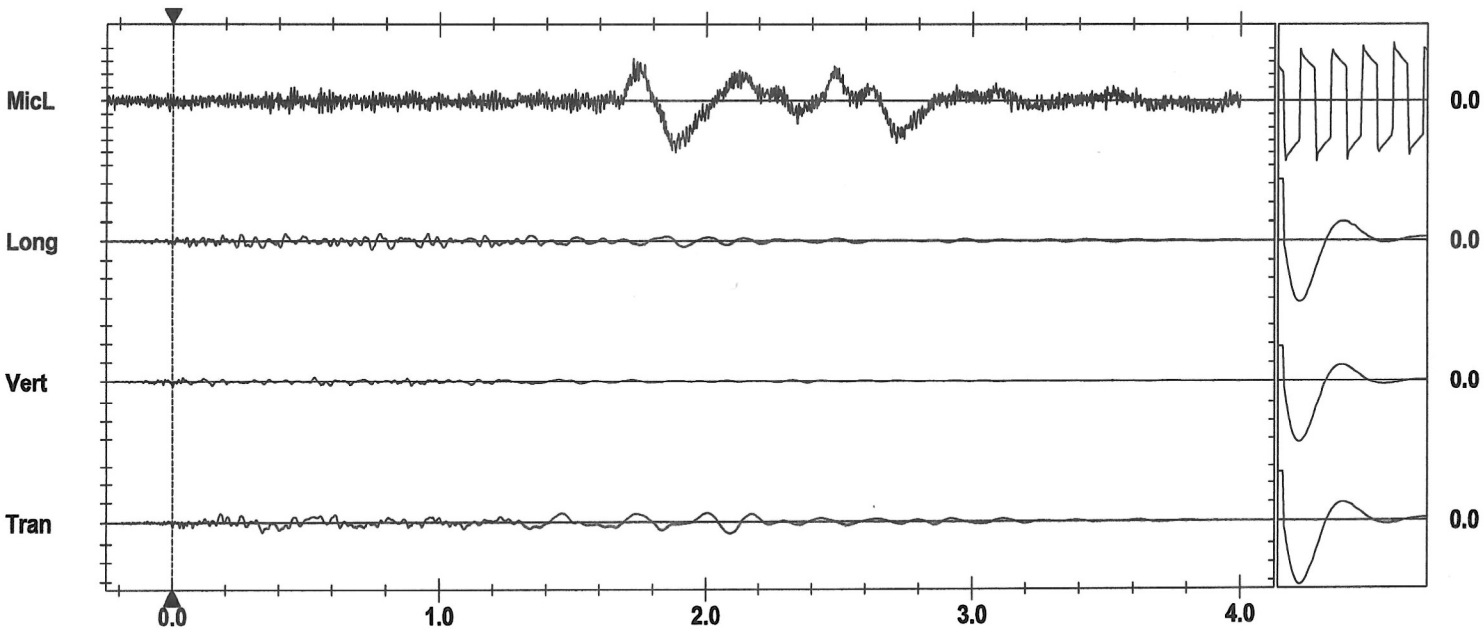
Post Event Notes
Client - Homburg
Pit Homburg Homepit
Location - 5310 Greenbriar

Microphone	Linear Weighting
PSPL	102.9 dB(L) at 1.885 sec
ZC Freq	2.4 Hz
Channel Test	Passed (Freq = 20.5 Hz Amp = 1406 mv)

	Tran	Vert	Long	
PPV	0.053	0.025	0.044	in/s
ZC Freq	5.8	20	20	Hz
Time (Rel. to Trig)	2.092	0.534	0.748	sec
Peak Acceleration	0.030	0.020	0.031	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.5	Hz
Overswing Ratio	3.5	4.0	3.3	

Wisconsin Administrative Code





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.000 psi(L)/div
Trigger = ▶----------◀

Sensor Check

Instantel Event Report

Date/Time	Tran at 12:01:27 January 13, 2026
Trigger Source	Geo: 0.020 in/s
Range	Geo: 4.999 in/s
Record Time	3.0 sec at 1024 sps

Notes
Location:
Client:
User Name:
Converted: January 13, 2026 14:02:11 (V 10.74)

Serial Number	4379 V 2.61 MiniMate
Battery Level	6.5 Volts
Unit Calibration	February 12, 2025 by Instantel
File Name	F379LF0H.EF0

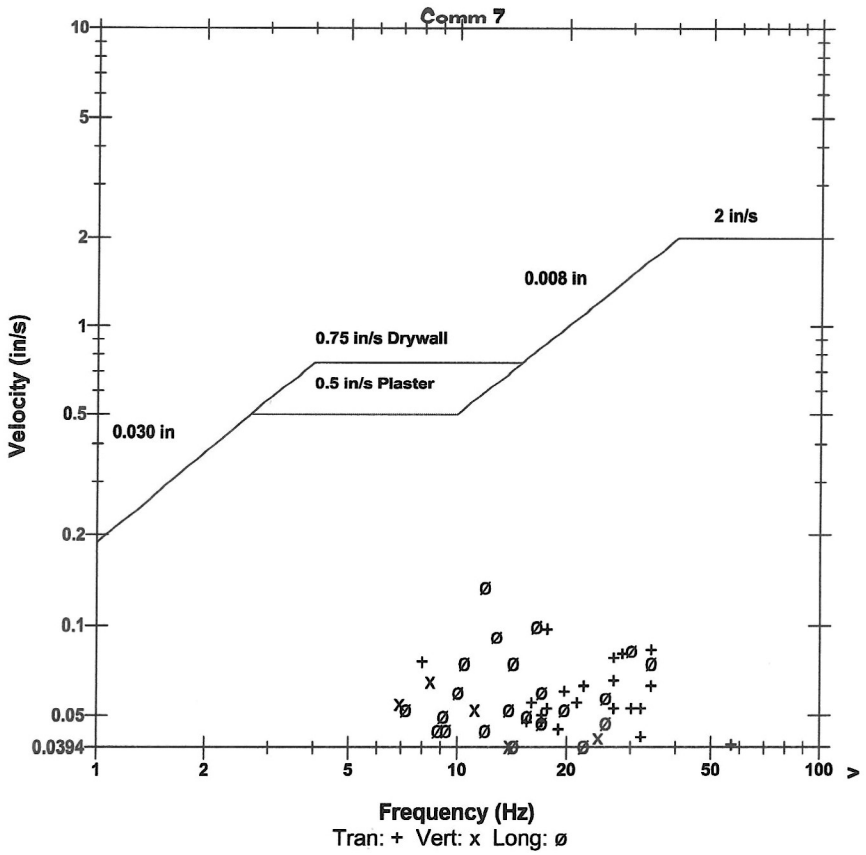
Post Event Notes
Client - Homburg
Pit Homburg Homepit
Location - Back gate

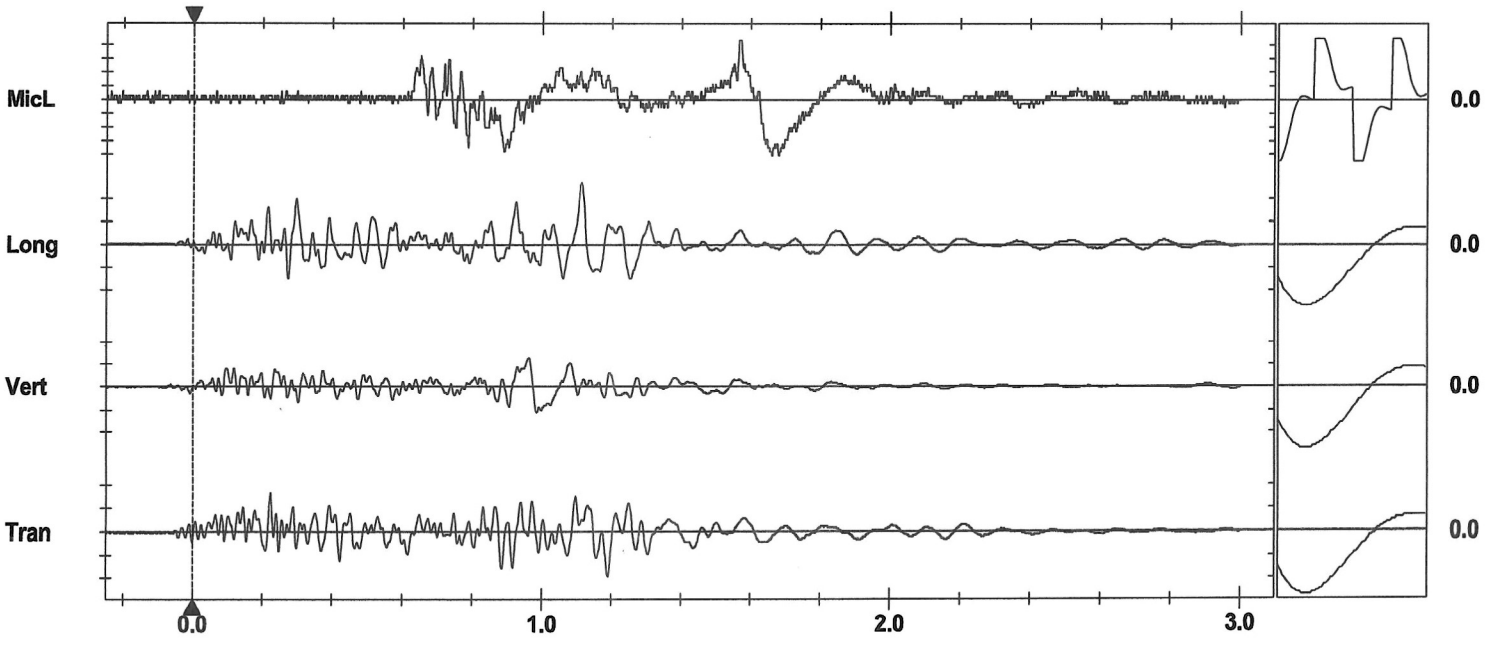
Extended Notes

Microphone	Linear Weighting
PSPL	123.5 dB(L) at 1.566 sec
ZC Freq	3.0 Hz
Channel Test	Passed (Freq = 20.0 Hz Amp = 512 mv)

	Tran	Vert	Long	
PPV	0.098	0.065	0.135	in/s
ZC Freq	18	8.0	12	Hz
Time (Rel. to Trig)	1.190	0.962	1.113	sec
Peak Acceleration	0.040	0.027	0.040	g
Peak Displacement	0.001	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.7	8.1	7.8	Hz
Overswing Ratio	4.0	3.5	3.8	

Wisconsin Administrative Code





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.050 in/s/div Mic: 0.001 psi(L)/div
Trigger =

Sensor Check