

Date/Time Vert at 14:03:58 April 22, 2026
Trigger Source Geo: 0.020 in/s
Range Geo: 10.000 in/s
Record Time 5.941 sec (Auto=5Sec) at 1024 sps
Operator/Setup: Operator/Ahlgrimm.MMB

Serial Number UM17588 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration December 22, 2025 by Instantel
File Name UM17588_20260422140358.IDFW

Notes

Location:
Client: MICHELS - WARMKA
User Name: Ahlgrimm Explosives Co.
General: CLEAR 34 SW 13

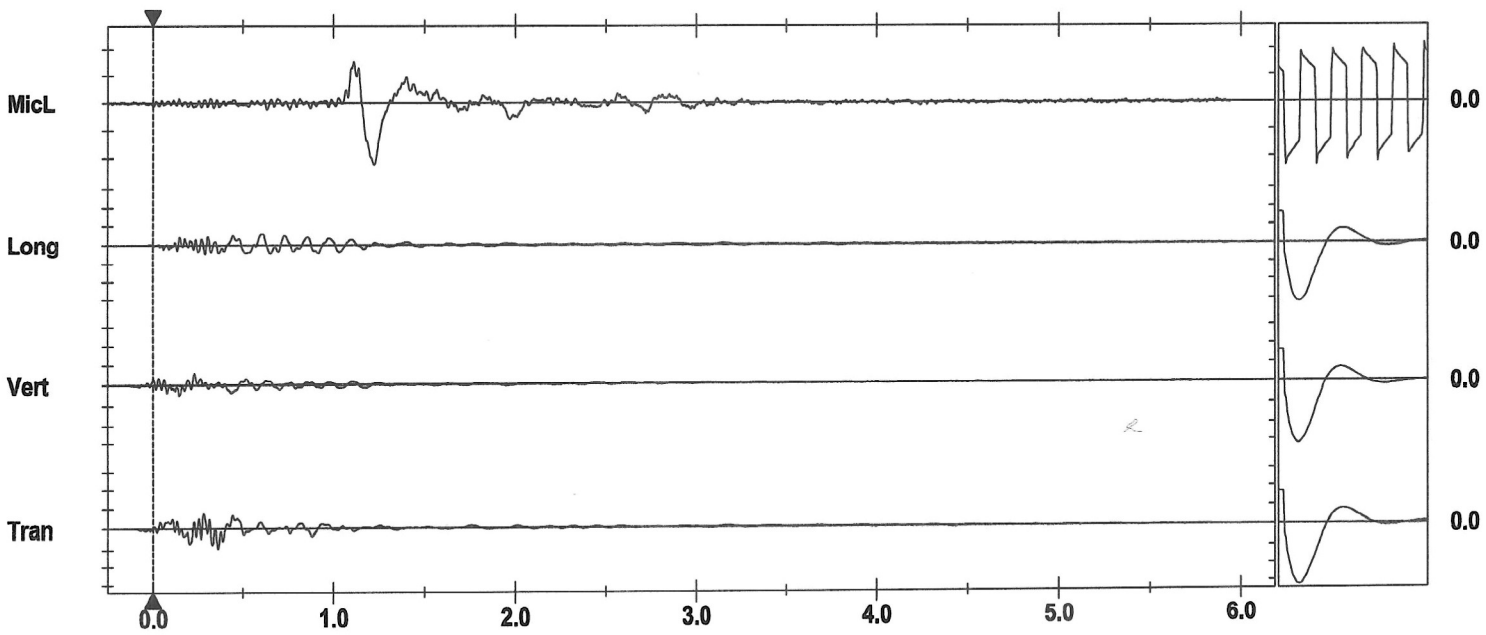
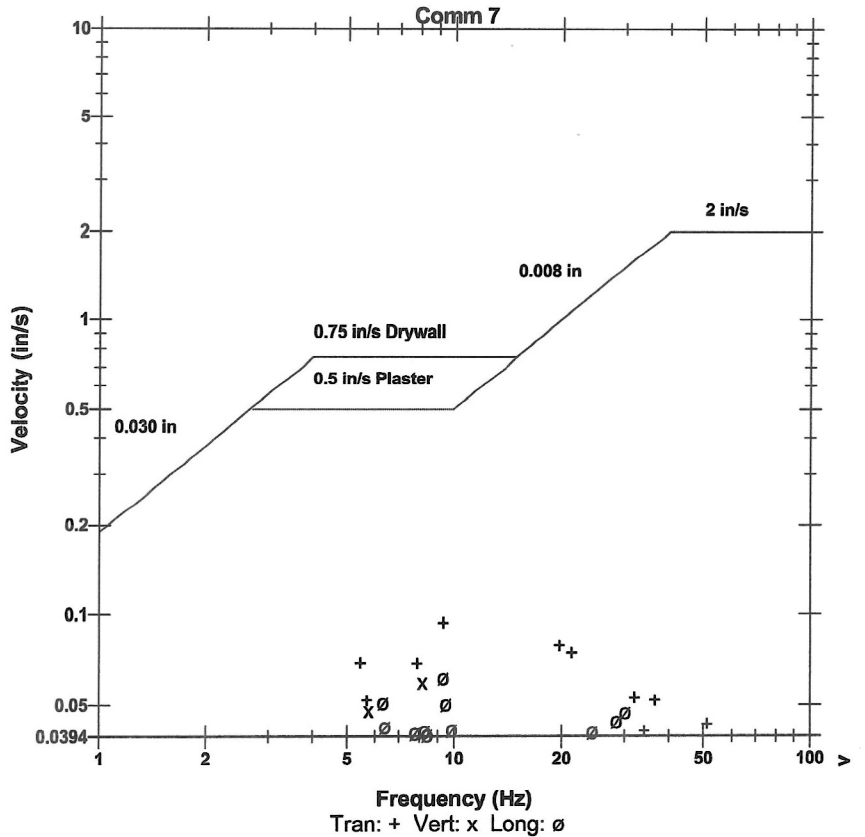
Post Event Notes

Homberg
 Homberg Home
 109 S Thompson

Microphone Linear Weighting
PSPL 111.7 dB(L) at 1.225 sec
ZC Freq 3.3 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1098 mv)

	Tran	Vert	Long	
PPV	0.094	0.060	0.062	in/s
ZC Freq	9.3	8.1	9.3	Hz
Time (Rel. to Trig)	0.363	0.233	0.608	sec
Peak Acceleration	0.063	0.021	0.047	g
Peak Displacement	0.002	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.3	Hz
Overswing Ratio	4.4	4.7	4.4	

Wisconsin Administrative Code



Time Scale: 0.50 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.001 psi(L)/div
Trigger =

Sensor Check

Date/Time Vert at 14:03:57 April 22, 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/AHLGRIMM.MMB

Serial Number UM6077 V 11-0CB Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration December 29, 2025 by InstanTel
File Name UM6077_20260422140357.IDFW

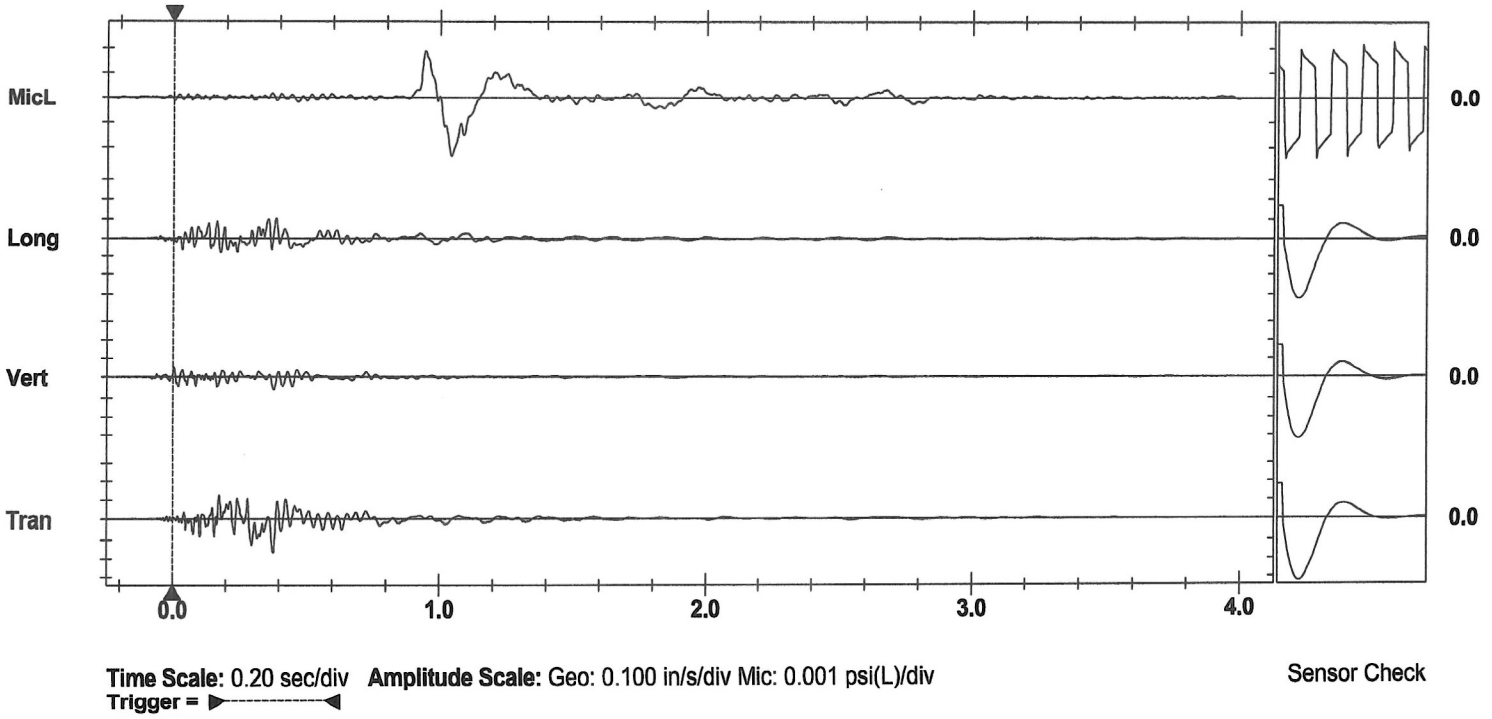
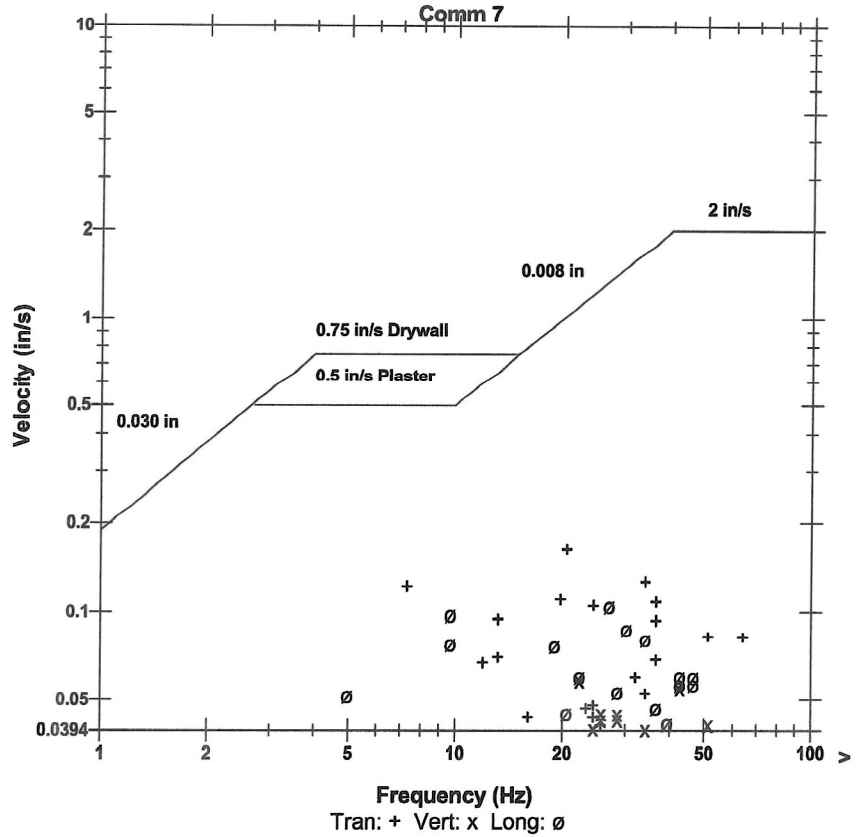
Notes
 Location:
 Client:
 User Name: AHLGRIMM EXPLOSIVES
 General:

Post Event Notes
 Homberg
 Homberg Home
 5410 Retana

Microphone Linear Weighting
PSPL 112.0 dB(L) at 1.041 sec
ZC Freq 3.4 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1346 mv)

	Tran	Vert	Long	
PPV	0.163	0.058	0.105	in/s
ZC Freq	20	22	27	Hz
Time (Rel. to Trig)	0.379	0.380	0.387	sec
Peak Acceleration	0.155	0.039	0.060	g
Peak Displacement	0.002	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.1	7.3	7.3	Hz
Overswing Ratio	4.3	4.2	4.1	

Wisconsin Administrative Code



Date/Time Vert at 14:03:43 April 22, 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

Serial Number UM6342 V 11-0CB Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 28, 2026 by Instantel
File Name UM6342_20260422140343.IDFW

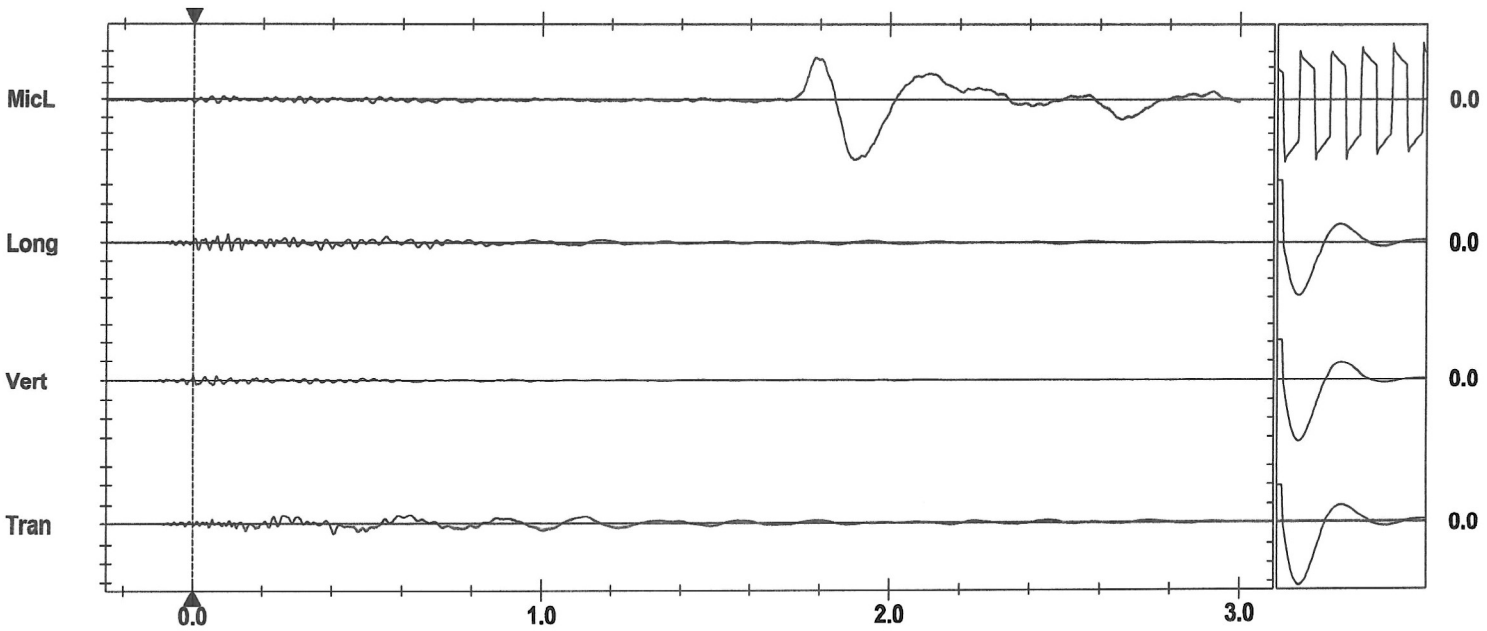
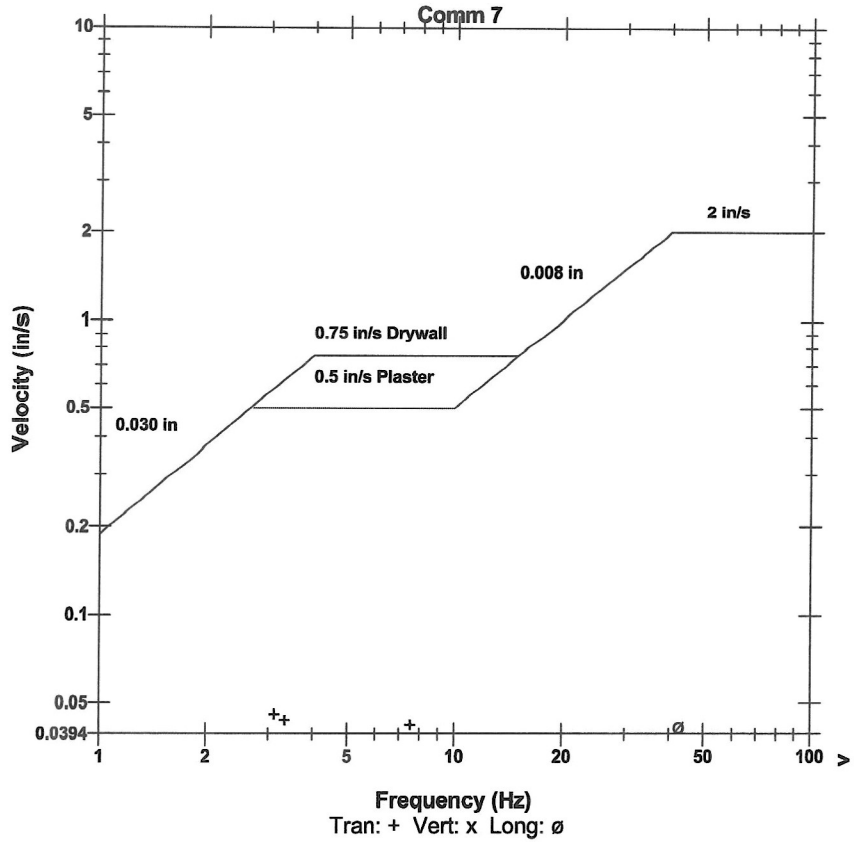
Notes
 Location:
 Client:
 User Name: AHLGRIMM EXPLOSIVES CO
 General:

Post Event Notes
 Homberg
 Homberg Home
 5310 Greenbriar

Microphone Linear Weighting
PSPL 107.9 dB(L) at 1.899 sec
ZC Freq 2.9 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1358 mv)

	Tran	Vert	Long	
PPV	0.046	0.029	0.042	in/s
ZC Freq	3.1	28	43	Hz
Time (Rel. to Trig)	0.623	0.068	0.101	sec
Peak Acceleration	0.034	0.045	0.044	g
Peak Displacement	0.002	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.3	7.7	Hz
Overswing Ratio	3.5	3.7	3.2	

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

Event Report

Date/Time Long at 14:03:32 April 22, 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/AHLGRIMM.MMB

Serial Number UM24587 V 11-0BD Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration February 26, 2026 by Instantel
File Name UM24587_20260422140332.IDFW

Notes

Location:
 Client:
 User Name: AHLGRIMM EXPLOSIVES
 General:

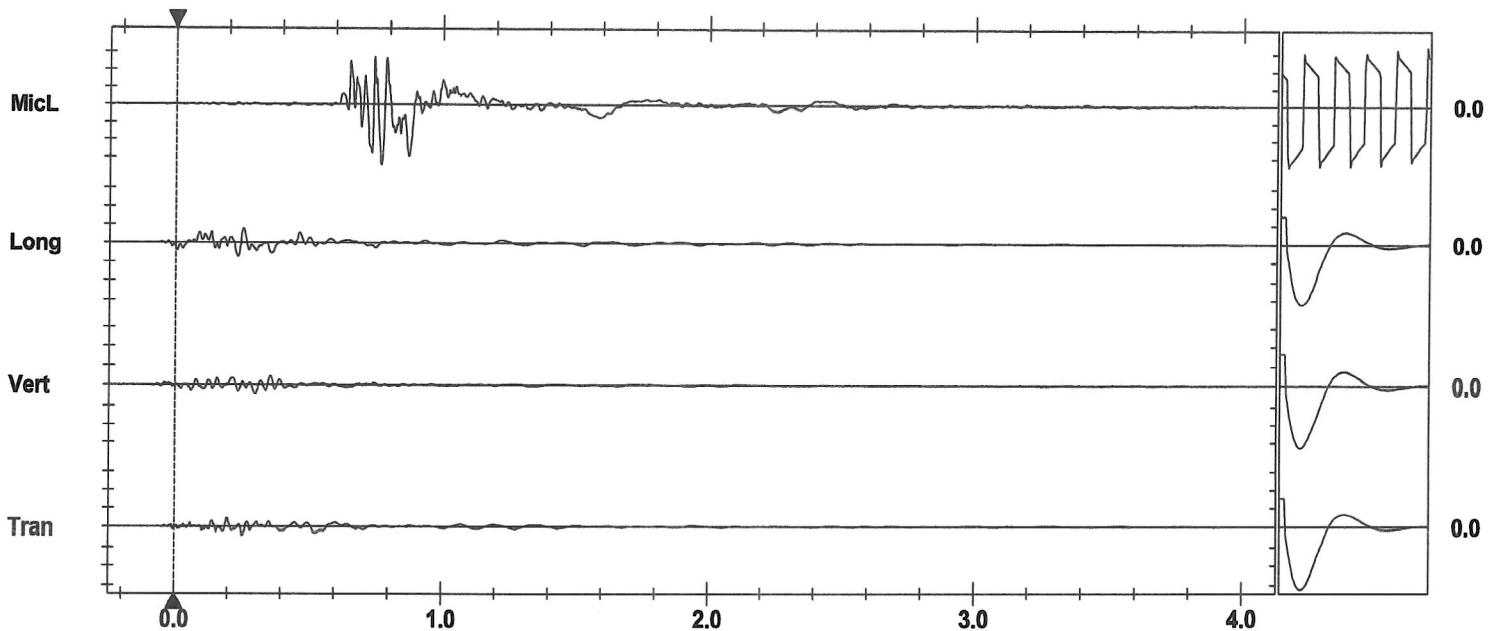
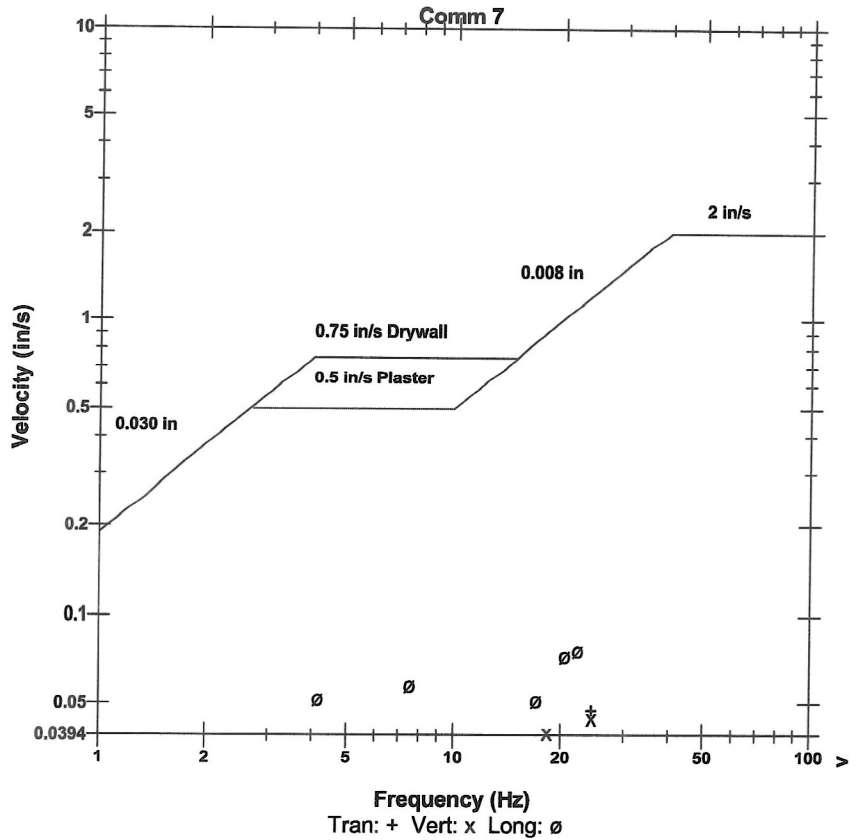
Post Event Notes

Homberg,
 Home Homberg,
 Backgate

Microphone Linear Weighting
PSPL 115.4 dB(L) at 0.770 sec
ZC Freq 20 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1353 mv)

	Tran	Vert	Long	
PPV	0.047	0.045	0.076	in/s
ZC Freq	24	24	22	Hz
Time (Rel. to Trig)	0.198	0.359	0.256	sec
Peak Acceleration	0.035	0.027	0.077	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.3	7.1	Hz
Overswing Ratio	4.7	4.4	4.7	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.001 psi(L)/div
Trigger =

Sensor Check