

**Date/Time** Tran at 11:01:00 September 4, 2025  
**Trigger Source** Geo: 0.020 in/s  
**Range** Geo: 4.999 in/s  
**Record Time** 3.0 sec at 1024 sps

**Serial Number** 4379 V 2.61 MiniMate  
**Battery Level** 6.6 Volts  
**Unit Calibration** February 12, 2025 by InstanTel  
**File Name** F379L89T.900  
**Post Event Notes**  
 Homburg  
 109 S Thompson

**Notes**

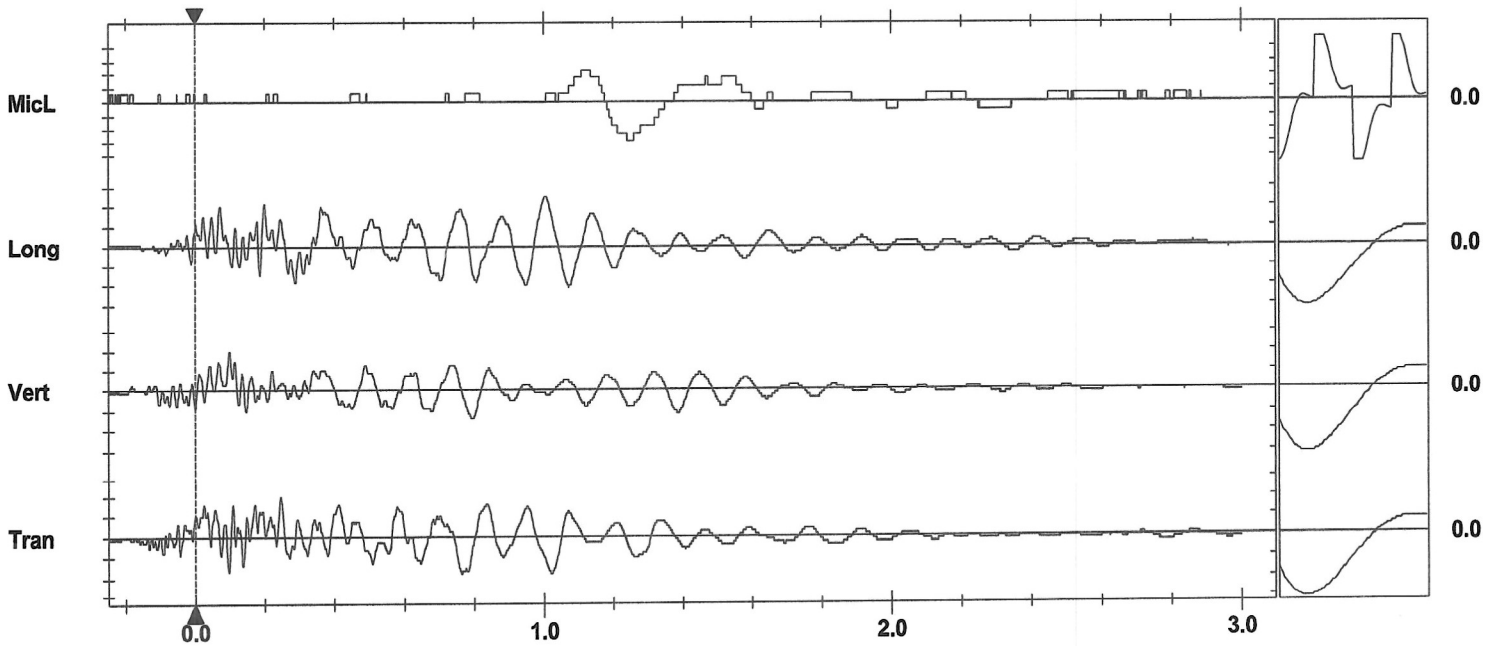
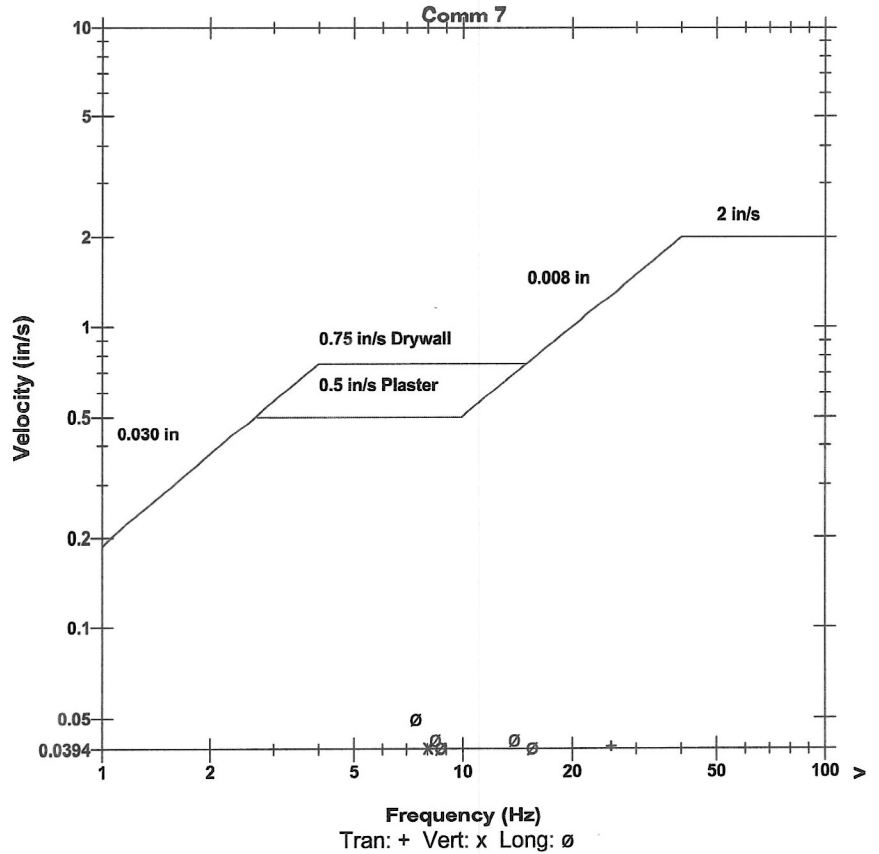
Location:  
 Client:  
 User Name:  
 Converted: September 4, 2025 13:48:54 (V 10.74)

**Extended Notes**

**Microphone** Linear Weighting  
**PSPL** 114.0 dB(L) at 1.241 sec  
**ZC Freq** 3.0 Hz  
**Channel Test** Passed (Freq = 20.0 Hz Amp = 508 mv )

	Tran	Vert	Long	
<b>PPV</b>	0.040	0.040	0.050	in/s
<b>ZC Freq</b>	24	8.0	7.0	Hz
<b>Time (Rel. to Trig)</b>	0.246	0.100	1.002	sec
<b>Peak Acceleration</b>	0.020	0.020	0.027	g
<b>Peak Displacement</b>	0.001	0.001	0.001	in
<b>Sensor Check</b>	Passed	Passed	Passed	
<b>Frequency</b>	7.8	8.0	7.8	Hz
<b>Overswing Ratio</b>	3.8	3.5	3.8	

**Wisconsin Administrative Code**



**Time Scale:** 0.20 sec/div **Amplitude Scale:** Geo: 0.020 in/s/div Mic: 0.001 psi(L)/div  
 Trigger =

Sensor Check

**Date/Time** Vert at 11:00:16 September 4, 2025  
**Trigger Source** Geo: 0.020 in/s  
**Range** Geo: 4.999 in/s  
**Record Time** 3.0 sec at 1024 sps

**Serial Number** 4804 V 2.61 MiniMate  
**Battery Level** 6.6 Volts  
**Unit Calibration** December 24, 2024 by InstanTel  
**File Name** F804L89T.8G0  
**Post Event Notes**  
 Homburg  
 5410 Retana

**Notes**

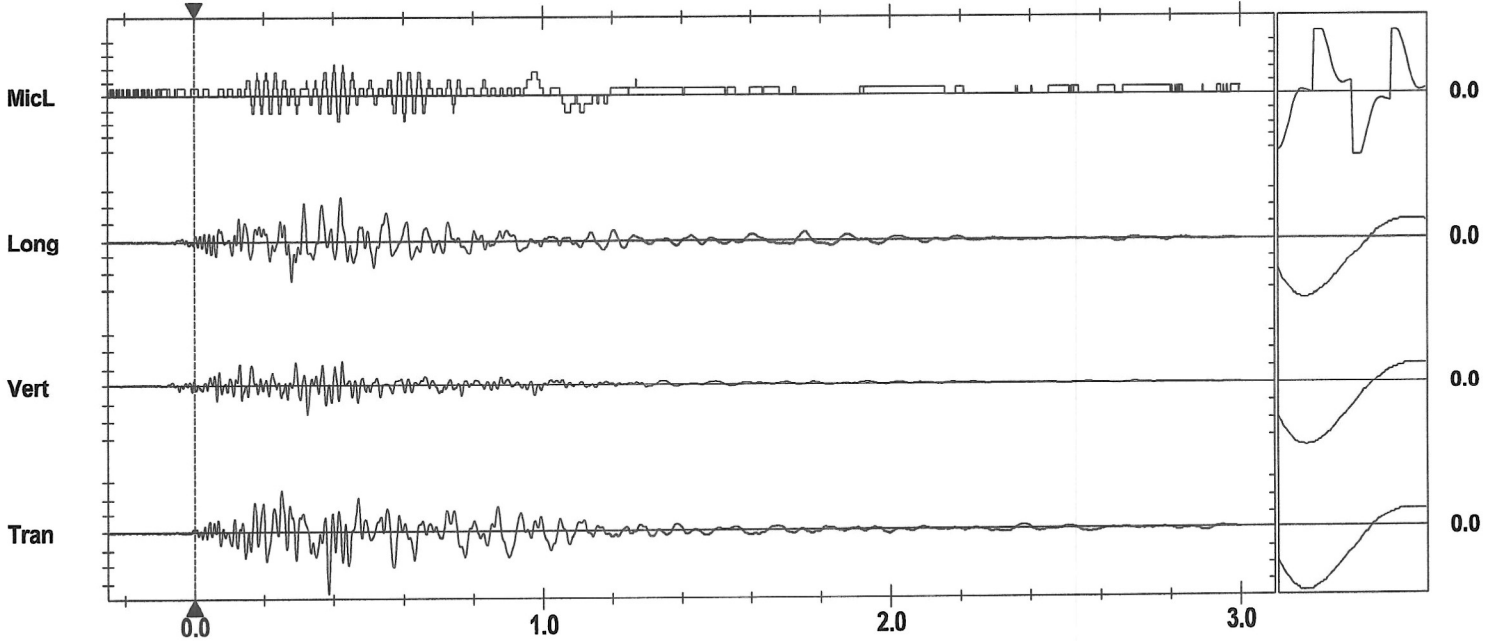
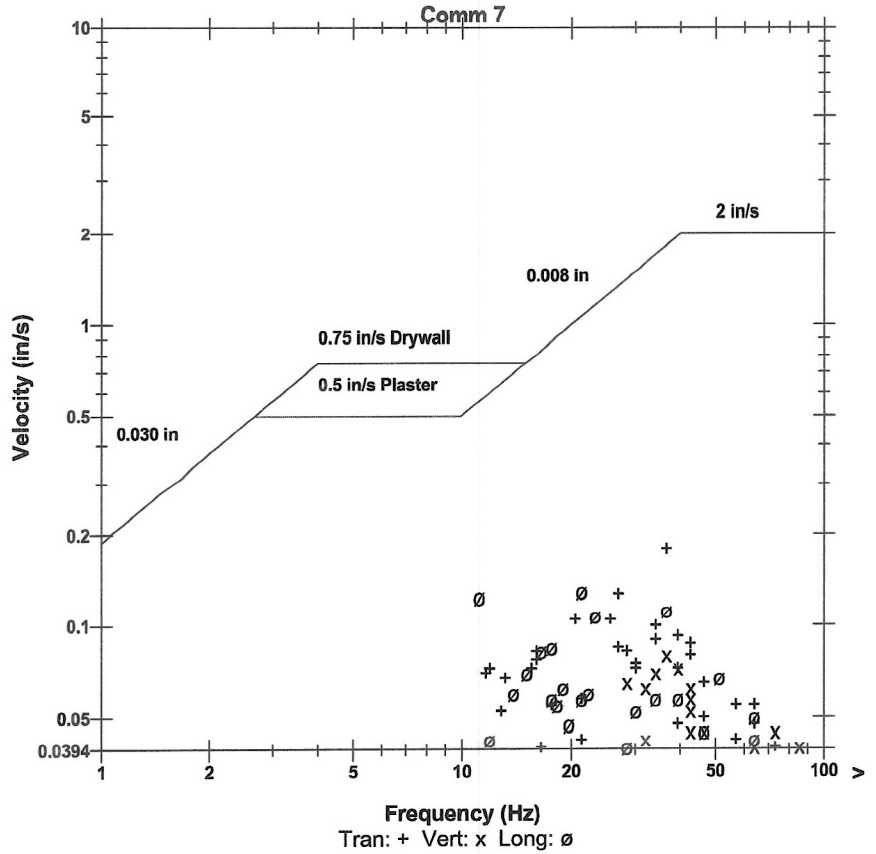
Location:  
 Client:  
 User Name:  
 Converted: September 4, 2025 13:47:25 (V 10.74)

**Extended Notes**

**Microphone** Linear Weighting  
**PSPL** 112.0 dB(L) at 0.403 sec  
**ZC Freq** 39 Hz  
**Channel Test** Passed (Freq = 20.0 Hz Amp = 493 mv )

	Tran	Vert	Long	
<b>PPV</b>	0.180	0.080	0.130	in/s
<b>ZC Freq</b>	37	39	21	Hz
<b>Time (Rel. to Trig)</b>	0.388	0.327	0.422	sec
<b>Peak Acceleration</b>	0.093	0.066	0.060	g
<b>Peak Displacement</b>	0.001	0.000	0.001	in
<b>Sensor Check</b>	Passed	Passed	Passed	
<b>Frequency</b>	8.1	7.8	8.2	Hz
<b>Overswing Ratio</b>	3.6	3.7	3.6	

**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

**Date/Time** Vert at 11:00:16 September 4, 2025  
**Trigger Source** Geo: 0.020 in/s  
**Range** Geo: 4.999 in/s  
**Record Time** 3.0 sec at 1024 sps

**Serial Number** 4794 V 2.61 MiniMate  
**Battery Level** 6.5 Volts  
**Unit Calibration** January 21, 2025 by InstanTel  
**File Name** F794L89T.8G0  
**Post Event Notes**  
 Homburg  
 5310 Greenbriar

**Notes**

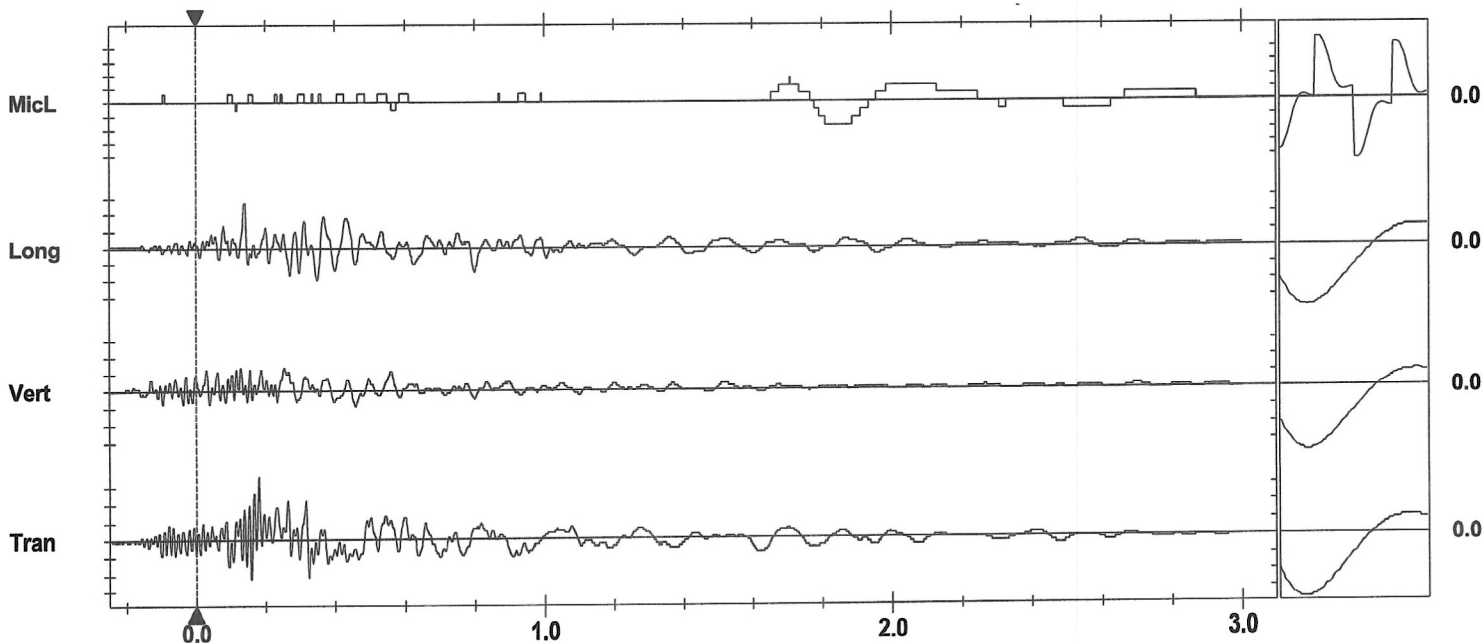
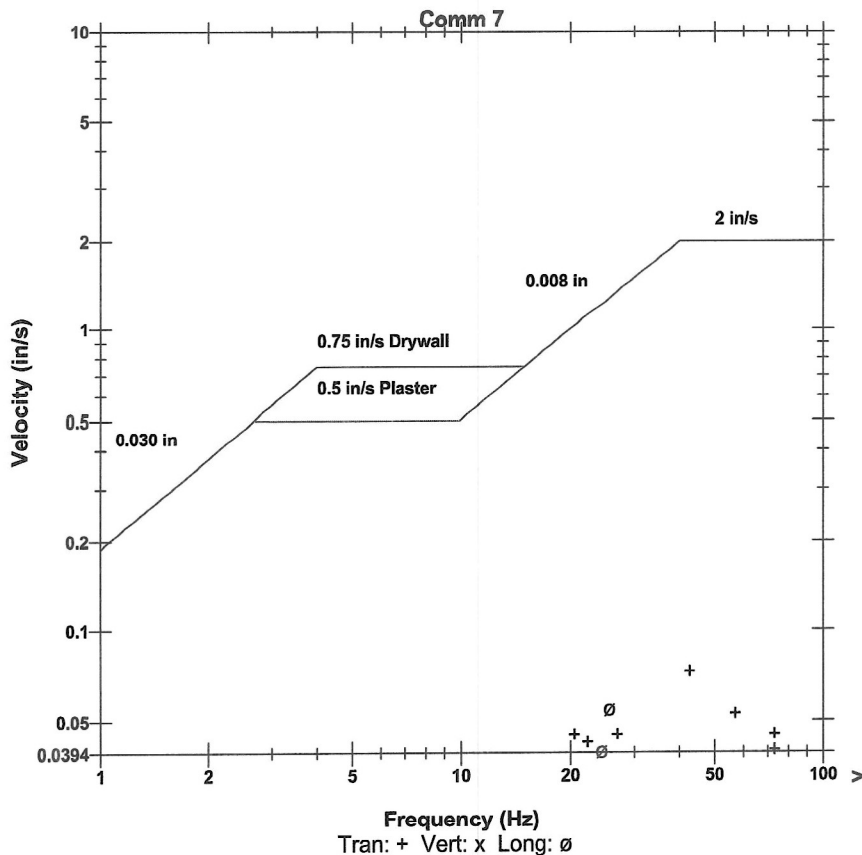
Location:  
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 User Name:  
 Converted: September 4, 2025 13:50:59 (V 10.74)

**Extended Notes**

**Microphone** Linear Weighting  
**PSPL** 109.5 dB(L) at 1.709 sec  
**ZC Freq** 4.0 Hz  
**Channel Test** Passed (Freq = 20.0 Hz Amp = 445 mv )

	Tran	Vert	Long	
PPV	0.073	0.028	0.055	in/s
ZC Freq	43	43	26	Hz
Time (Rel. to Trig)	0.181	0.130	0.141	sec
Peak Acceleration	0.053	0.027	0.033	g
Peak Displacement	0.000	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.2	7.7	8.0	Hz
Overswing Ratio	3.4	3.5	3.5	

**Wisconsin Administrative Code**



**Date/Time** Tran at 11:00:43 September 4, 2025  
**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

**Serial Number** UM6342 V 11-0AK Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** December 19, 2024 by InstanTel  
**File Name** UM6342\_20250904110043.IDFW

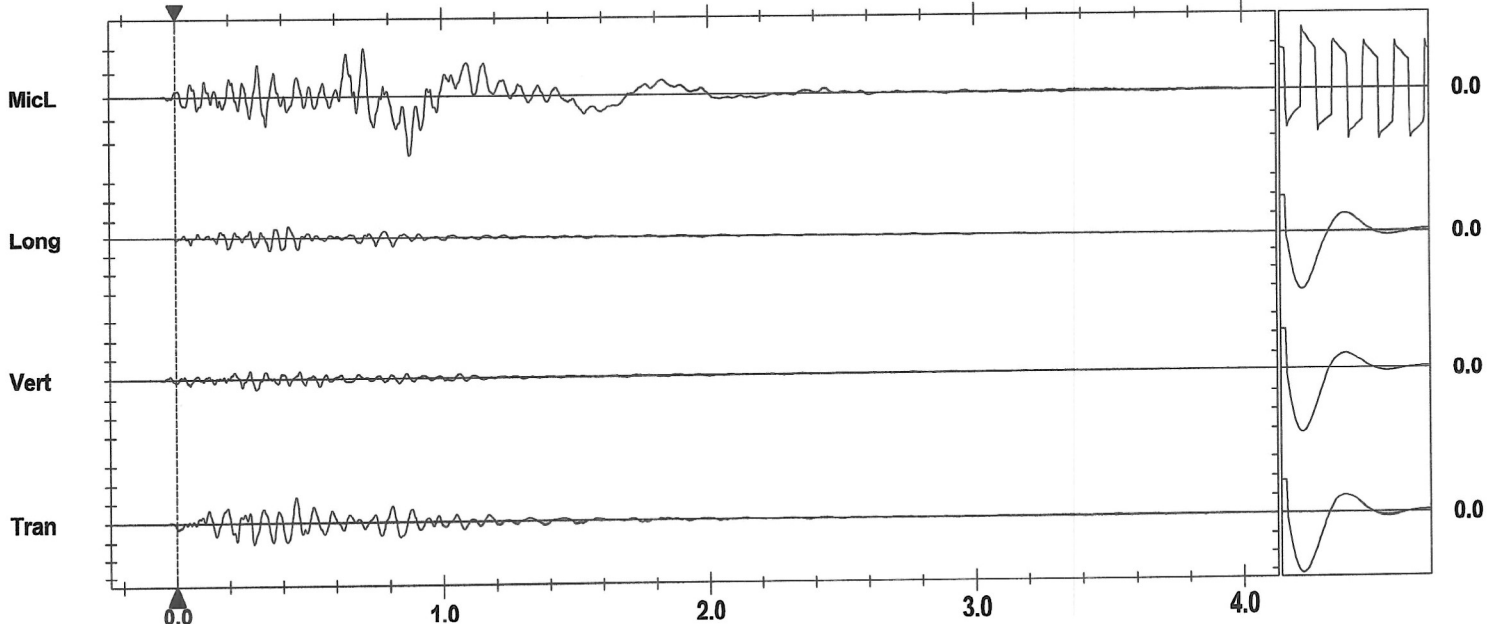
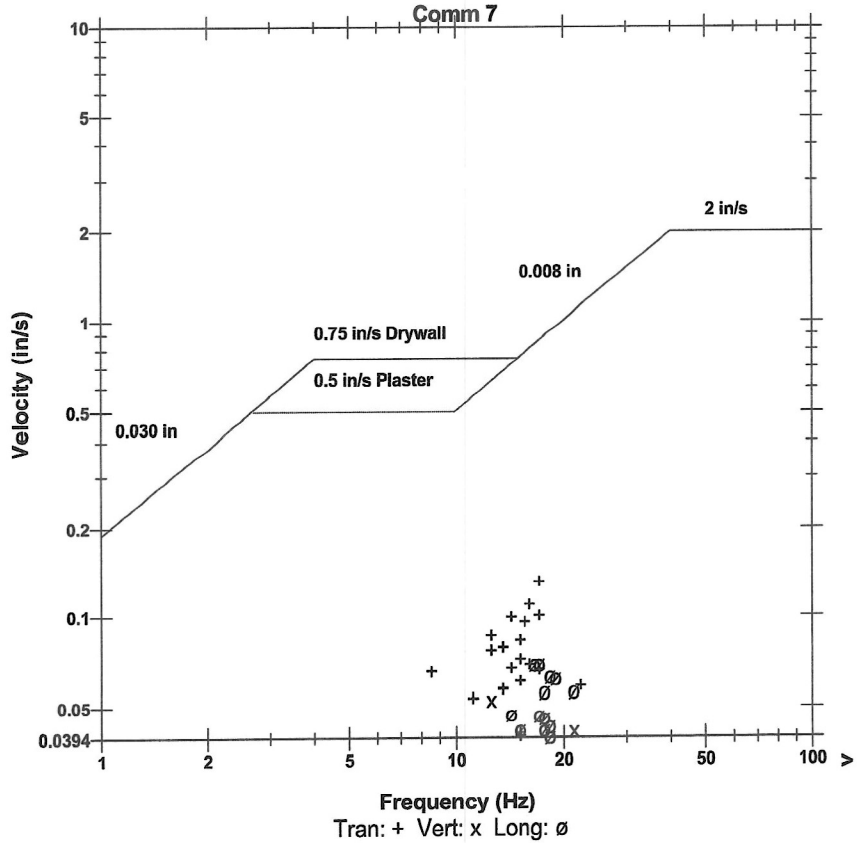
**Notes**  
 Location:  
 Client:  
 User Name: AHLGRIMM EXPLOSIVES CO.  
 General:

**Post Event Notes**  
 Homburg  
 Backgate

**Microphone** Linear Weighting  
**PSPL** 112.9 dB(L) at 0.877 sec  
**ZC Freq** 3.6 Hz  
**Channel Test** Passed (Freq = 20.5 Hz Amp = 1551 mv )

	Tran	Vert	Long	
<b>PPV</b>	0.132	0.053	0.069	in/s
<b>ZC Freq</b>	17	12	17	Hz
<b>Time (Rel. to Trig)</b>	0.449	0.302	0.355	sec
<b>Peak Acceleration</b>	0.085	0.026	0.049	g
<b>Peak Displacement</b>	0.001	0.001	0.001	in
<b>Sensor Check</b>	Passed	Passed	Passed	
<b>Frequency</b>	7.5	7.3	7.3	Hz
<b>Overswing Ratio</b>	3.5	3.7	3.5	

**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