

Date/Time Vert at 09:57:41 May 15, 2019  
 Trigger Source Geo: 0.020 in/s  
 Range Geo: 4.999 in/s  
 Record Time 5.0 sec at 1024 sps

Serial Number 5358 V 2.61 MiniMate  
 Battery Level 6.5 Volts  
 Unit Calibration February 22, 2019 by InstanTel  
 File Name G358HXR2.C50  
 Post Event Notes  
 Client: Homburg  
 rock shot  
 Location: Back gate to pit on jupiter

**Notes**

Location:  
 Client:  
 User Name: Ahlgrimm Explosives Co  
 Converted: May 15, 2019 14:53:43 (V 10.74)

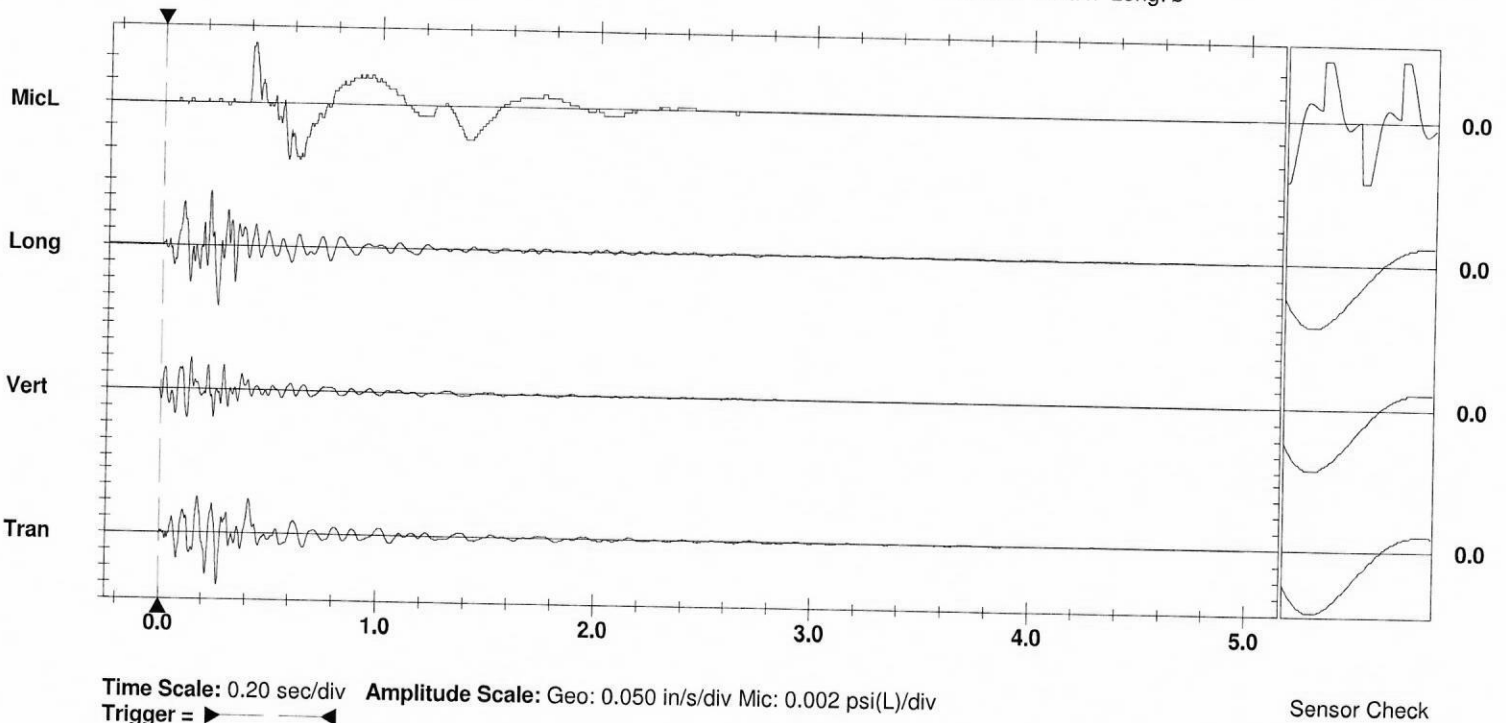
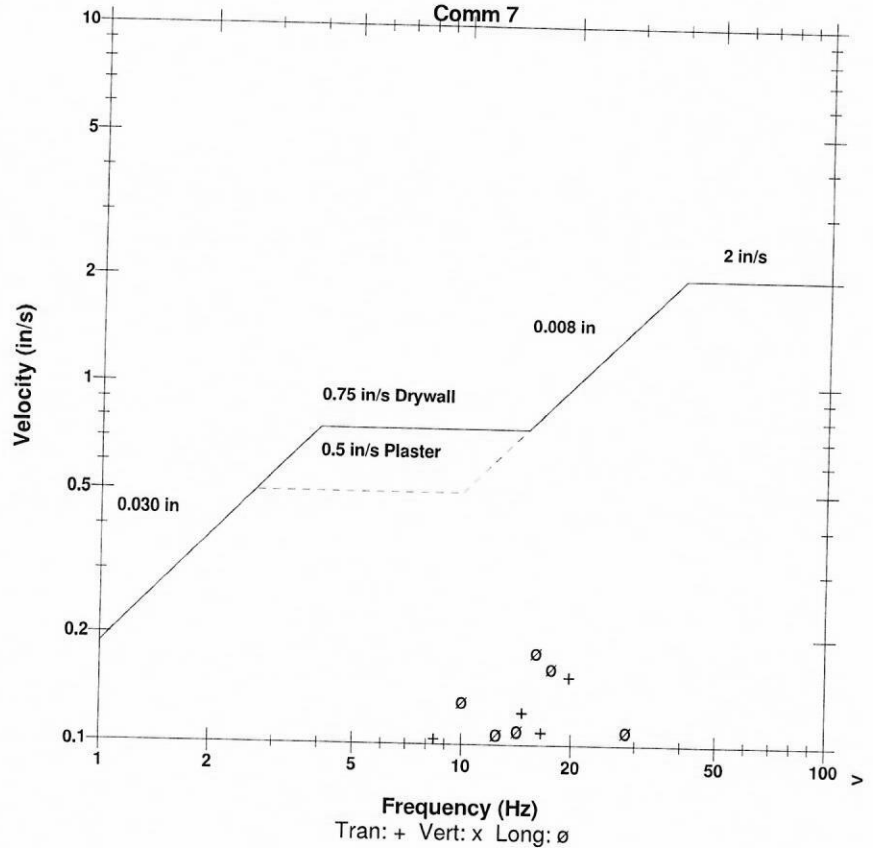
**Extended Notes**

Microphone Linear Weighting  
 PSPL 125.1 dB(L) at 0.417 sec  
 ZC Freq 6.0 Hz  
 Channel Test Passed (Freq = 20.0 Hz Amp = 307 mv )

	Tran	Vert	Long	
PPV	0.158	0.095	0.183	in/s
ZC Freq	20	11	16	Hz
Time (Rel. to Trig)	0.271	0.142	0.260	sec
Peak Acceleration	0.046	0.046	0.060	g
Peak Displacement	0.001	0.001	0.002	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.7	8.0	7.8	Hz
Overswing Ratio	3.6	3.6	3.6	

Peak Vector Sum 0.196 in/s at 0.222 sec

**Wisconsin Administrative Code**



**Date/Time** Long at 09:57:41 May 15, 2019  
**Trigger Source** Geo: 0.020 in/s  
**Range** Geo: 4.999 in/s  
**Record Time** 5.0 sec at 1024 sps

**Serial Number** 4795 V 2.61 MiniMate  
**Battery Level** 6.5 Volts  
**Unit Calibration** February 4, 2019 by InstanTel  
**File Name** F795HXR2.C50  
**Post Event Notes**  
 Client: Homburg  
 rock shot  
 Location: 109 S. Thompson

**Notes**

Location:  
 Client:  
 User Name: AHLGRIMM EXPLOSIVES CO  
 Converted: May 15, 2019 14:39:47 (V 10.74)

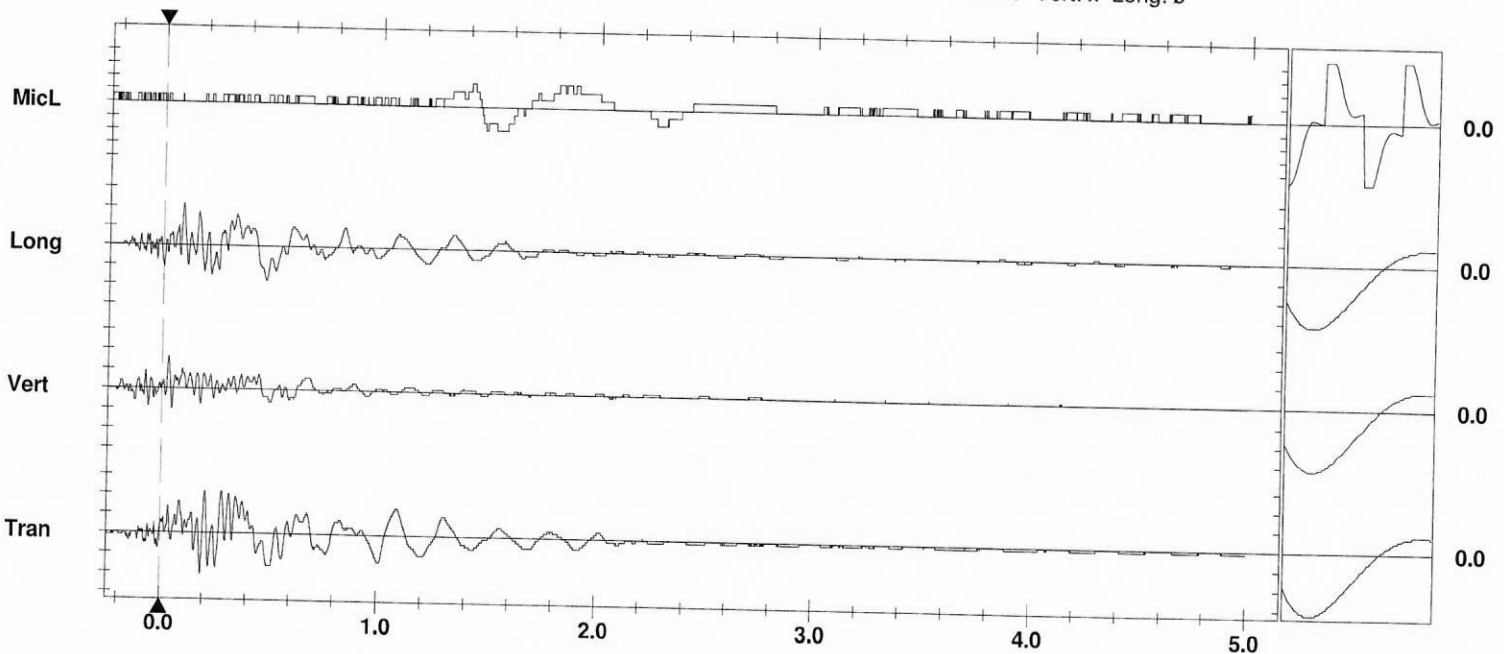
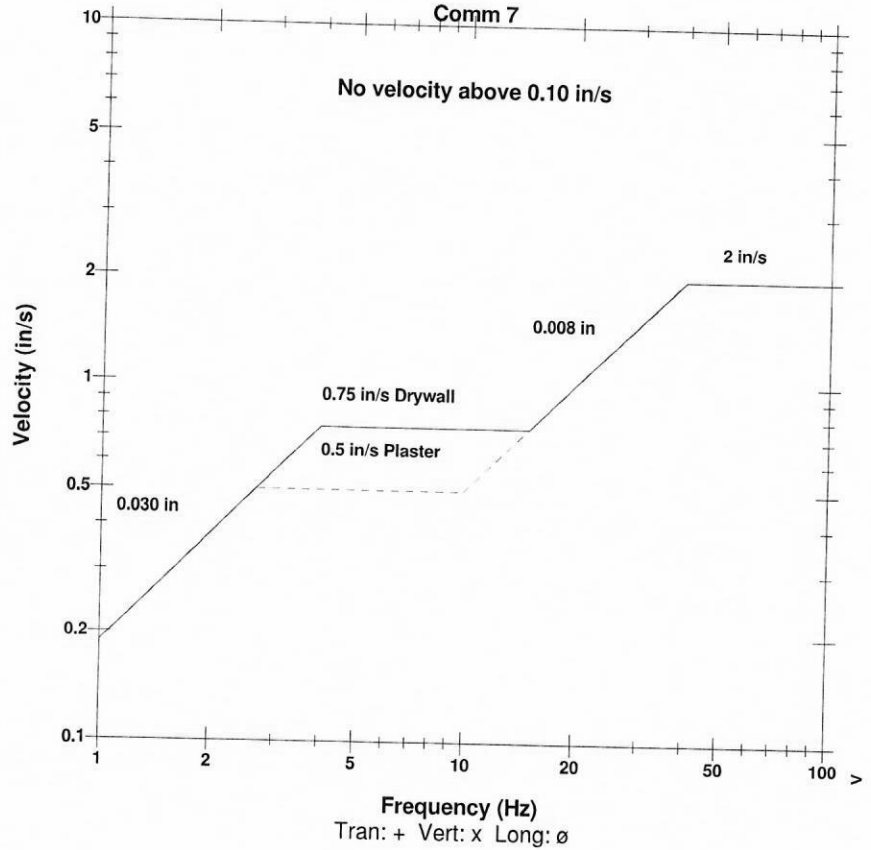
**Extended Notes**

**Microphone** Linear Weighting  
**PSPL** 109.5 dB(L) at 1.407 sec  
**ZC Freq** 3.0 Hz  
**Channel Test** Passed (Freq = 20.0 Hz Amp = 503 mv )

	Tran	Vert	Long	
PPV	0.043	0.033	0.043	in/s
ZC Freq	27	28	21	Hz
Time (Rel. to Trig)	0.191	0.030	0.093	sec
Peak Acceleration	0.020	0.013	0.013	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.8	7.8	7.8	Hz
Overswing Ratio	3.7	3.6	3.7	

Peak Vector Sum 0.054 in/s at 0.093 sec

**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** Tran at 09:57:41 May 15, 2019  
**Trigger Source** Geo: 0.020 in/s  
**Range** Geo: 4.999 in/s  
**Record Time** 5.0 sec at 1024 sps

**Serial Number** 4794 V 2.61 MiniMate  
**Battery Level** 6.6 Volts  
**Unit Calibration** January 17, 2019 by Instantel  
**File Name** F794HXR2.C50  
**Post Event Notes**  
 Client: Homburg  
 rock shot  
 Location: 5310 greenbriar

**Notes**

Location:  
 Client:  
 User Name:  
 Converted: May 15, 2019 14:49:56 (V 10.74)

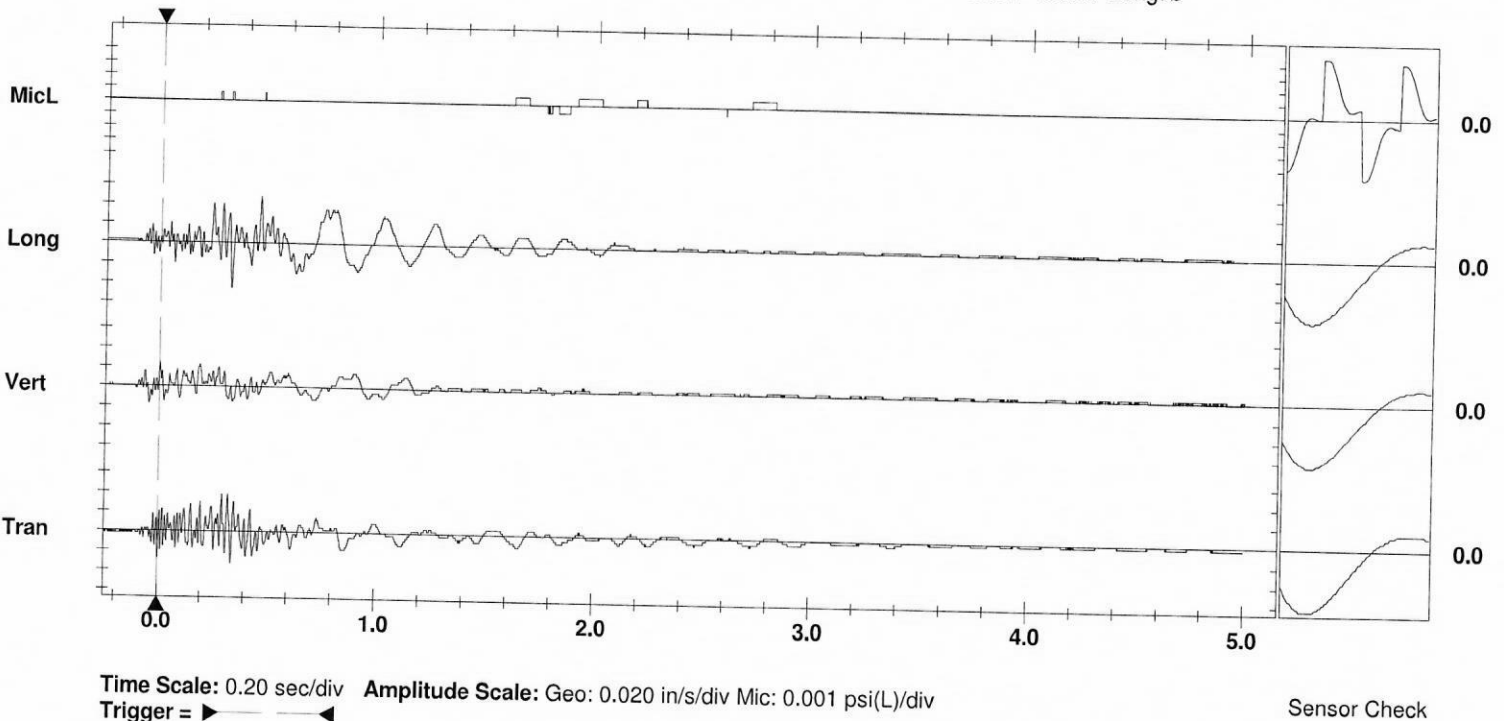
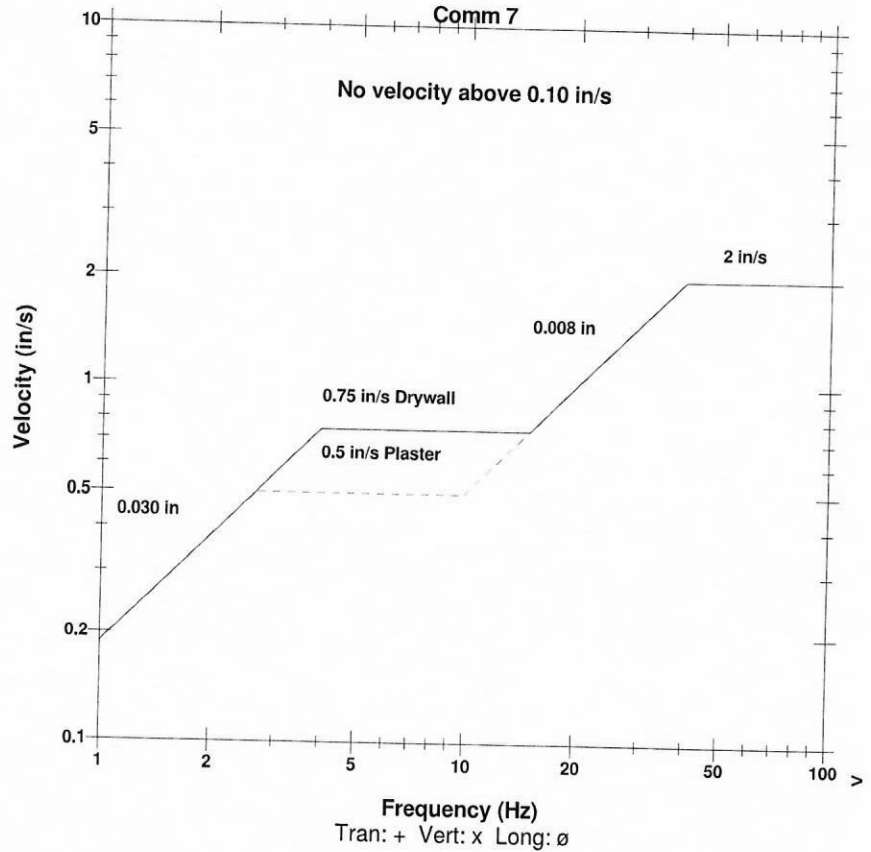
**Extended Notes**

**Microphone** Linear Weighting  
**PSPL** 100.0 dB(L) at 0.268 sec  
**ZC Freq** 51 Hz  
**Channel Test** Passed (Freq = 20.0 Hz Amp = 453 mv )

	Tran	Vert	Long	
PPV	0.038	0.025	0.048	in/s
ZC Freq	27	24	27	Hz
Time (Rel. to Trig)	0.298	0.002	0.463	sec
Peak Acceleration	0.027	0.013	0.027	g
Peak Displacement	0.000	0.001	0.002	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.2	7.8	8.0	Hz
Overswing Ratio	3.6	3.5	3.5	

Peak Vector Sum 0.051 in/s at 0.329 sec

**Wisconsin Administrative Code**



**Date/Time** Vert at 09:56:53 May 15, 2019  
**Trigger Source** Geo: 0.020 in/s  
**Range** Geo: 4.999 in/s  
**Record Time** 5.0 sec at 1024 sps

**Serial Number** 3053 V 2.61 MiniMate  
**Battery Level** 6.4 Volts  
**Unit Calibration** February 27, 2019 by InstanTel  
**File Name** E053HXR2.ATO  
**Post Event Notes**  
 Client: Homburg  
 rock shot  
 Location: 5410 Retana

**Notes**

Location:  
 Client:  
 User Name: Ahlgrimm Explosives Co  
 Converted: May 15, 2019 14:44:51 (V 10.74)

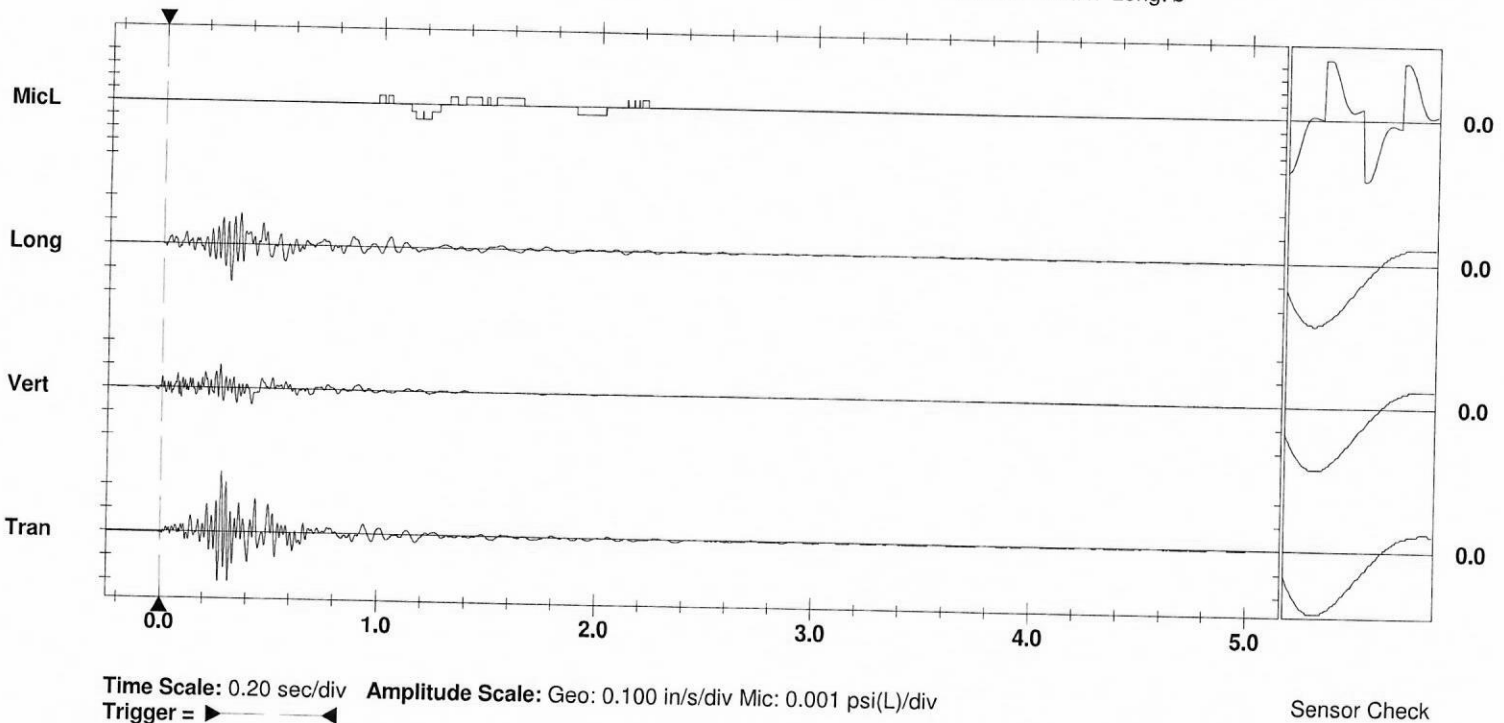
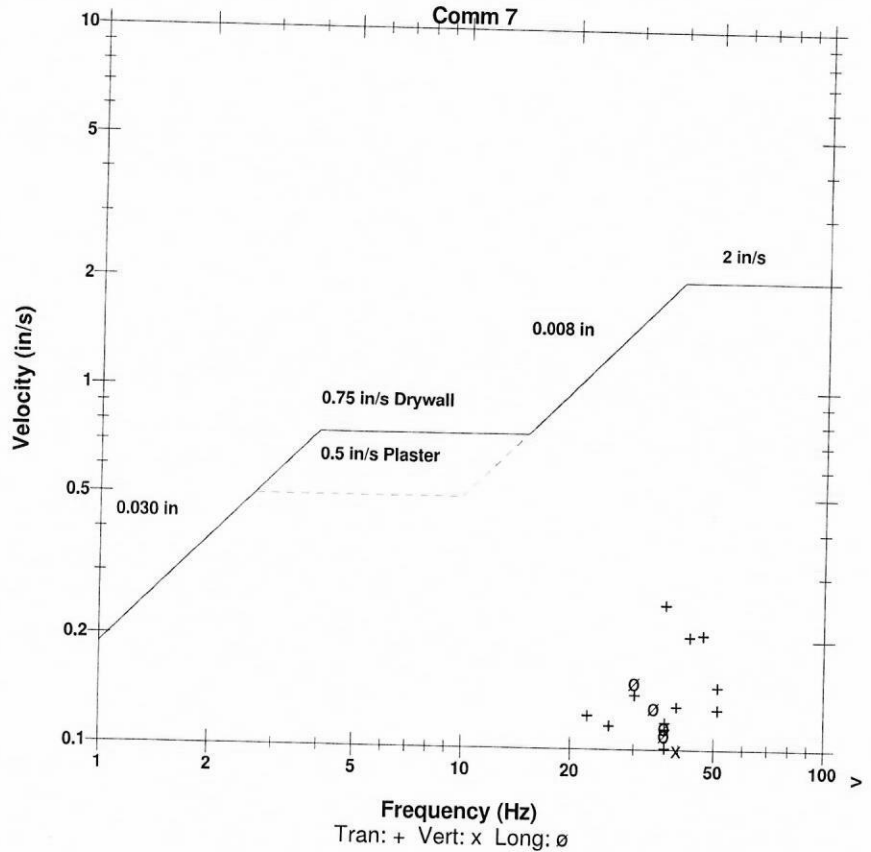
**Extended Notes**

**Microphone** Linear Weighting  
**PSPL** 106.0 dB(L) at 1.147 sec  
**ZC Freq** 4.0 Hz  
**Channel Test** Passed (Freq = 20.0 Hz Amp = 461 mv )

	Tran	Vert	Long	
PPV	0.255	0.100	0.153	in/s
ZC Freq	37	39	30	Hz
Time (Rel. to Trig)	0.284	0.273	0.315	sec
Peak Acceleration	0.159	0.066	0.080	g
Peak Displacement	0.001	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.7	8.0	8.1	Hz
Overswing Ratio	3.4	3.3	3.5	

Peak Vector Sum 0.262 in/s at 0.284 sec

**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