

**Date/Time** Vert at 12:56:37 July 27, 2021  
**Trigger Source** Geo: 1.000 mm/s  
**Range** Geo: 254.0 mm/s  
**Record Time** 3.0 sec at 1024 sps  
**Job Number:** 1

**Serial Number** BE17407 V 10.72-1.1 Minimate Blaster  
**Battery Level** 6.2 Volts  
**Unit Calibration** September 23, 2020 by CIMFR Dhanbad  
**File Name** S407J32B.YD0  
**Scaled Distance** 22.4 (100.0 m, 20.0 kg)

**Notes**

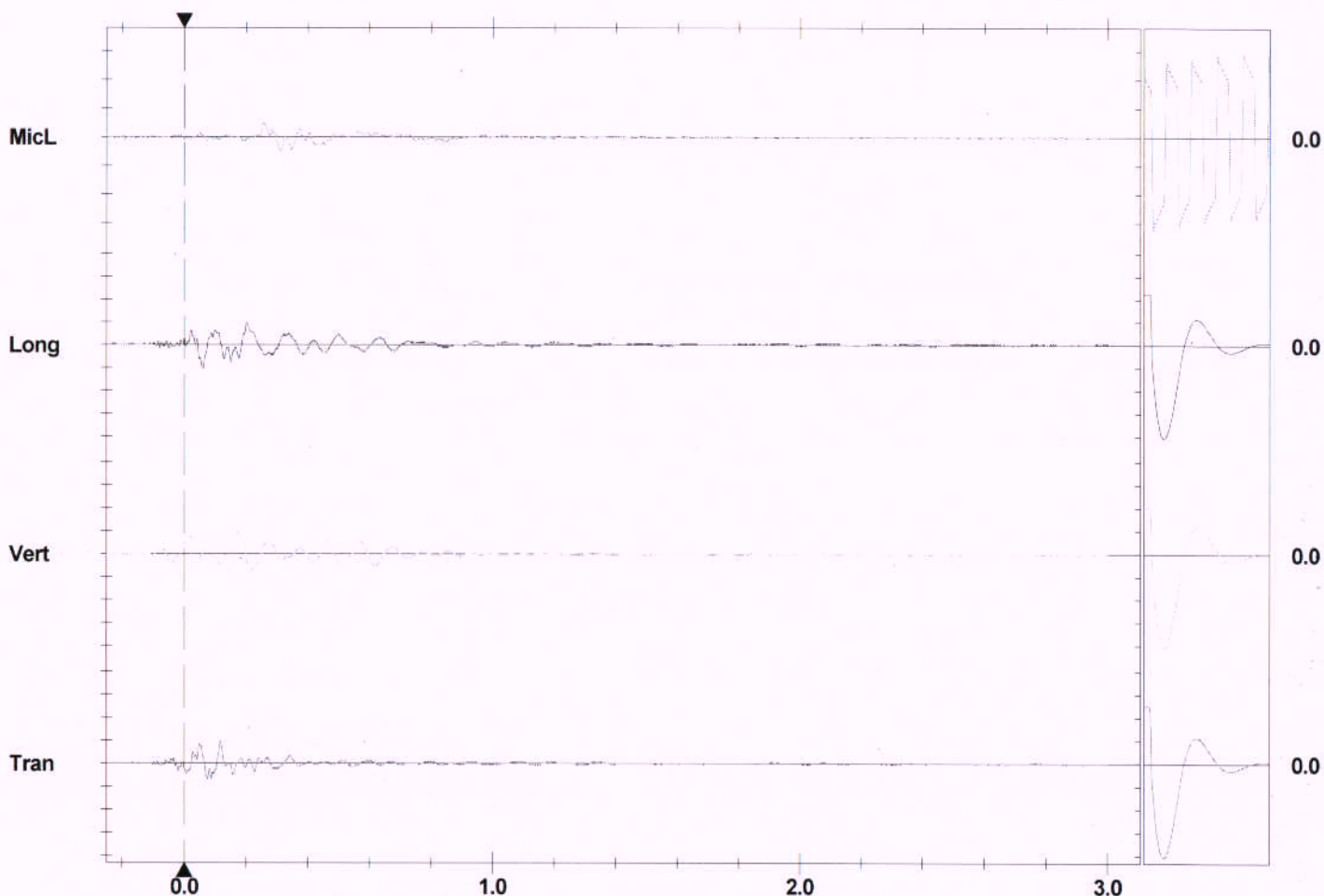
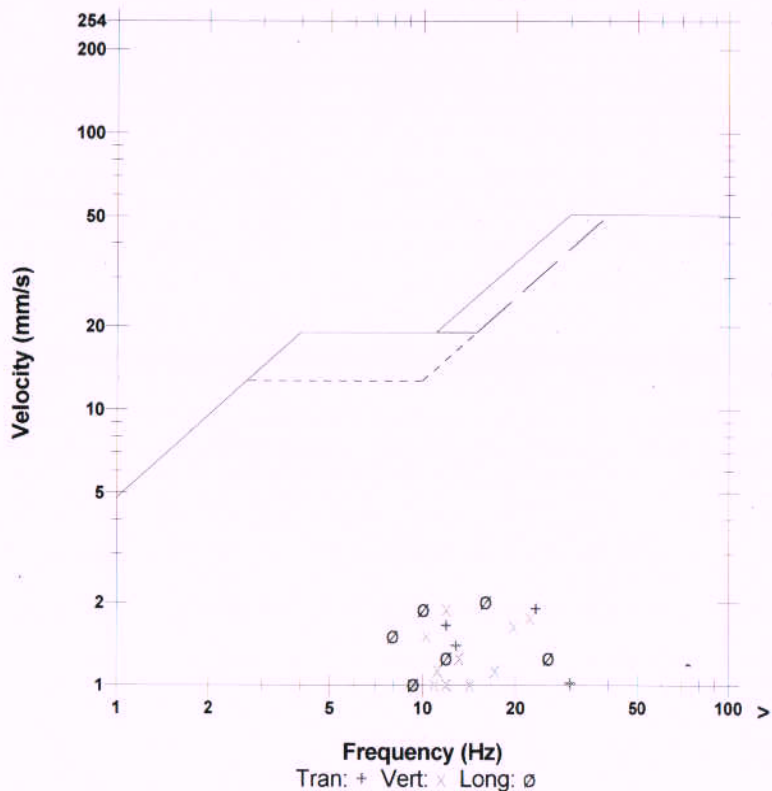
**Location:** Pit-A  
**Client:** Kathautia Open Cast Coal Mines, HIL  
**User Name:** Nishikant Kumar  
**General:** Coal Mine

**Microphone** Linear Weighting  
**PSPL** 5.000 pa.(L) at 0.255 sec  
**ZC Freq** 9.7 Hz  
**Channel Test** Passed (Freq = 20.1 Hz Amp = 504 mv )

	Tran	Vert	Long	
PPV	1.905	1.905	2.032	mm/s
ZC Freq	23	12	16	Hz
Time (Rel. to Trig)	0.117	0.170	0.059	sec
Peak Acceleration	0.040	0.027	0.053	g
Peak Displacement	0.018	0.028	0.027	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.7	7.5	7.6	Hz
Overswing Ratio	3.6	3.4	3.6	

**Peak Vector Sum** 2.272 mm/s at 0.059 sec

**USBM RI8507 And OSMRE**



**Time Scale:** 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 10.000 pa.(L)/div  
**Trigger =**

Sensor Check

**Date/Time** Long at 12:43:27 April 16, 2021  
**Trigger Source** Geo: 1.000 mm/s  
**Range** Geo: 254.0 mm/s  
**Record Time** 3.0 sec at 1024 sps  
**Job Number:** 1

**Serial Number** BE17407 V 10.72-1.1 Minimate Blaster  
**Battery Level** 6.2 Volts  
**Unit Calibration** September 23, 2020 by CIMFR Dhanbad  
**File Name** S407IXTF\_CF0  
**Scaled Distance** 22.4 (100.0 m, 20.0 kg)

**Notes**

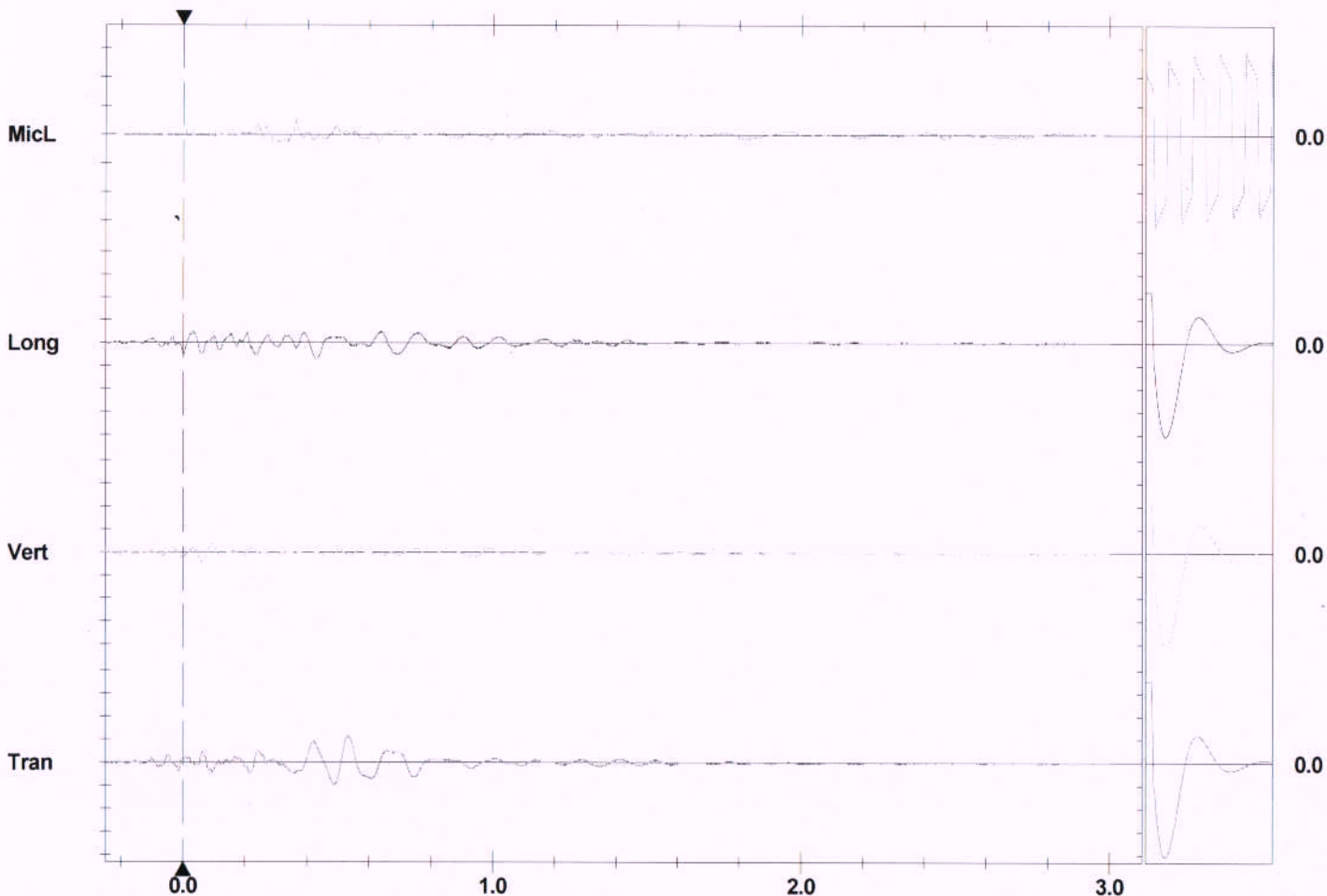
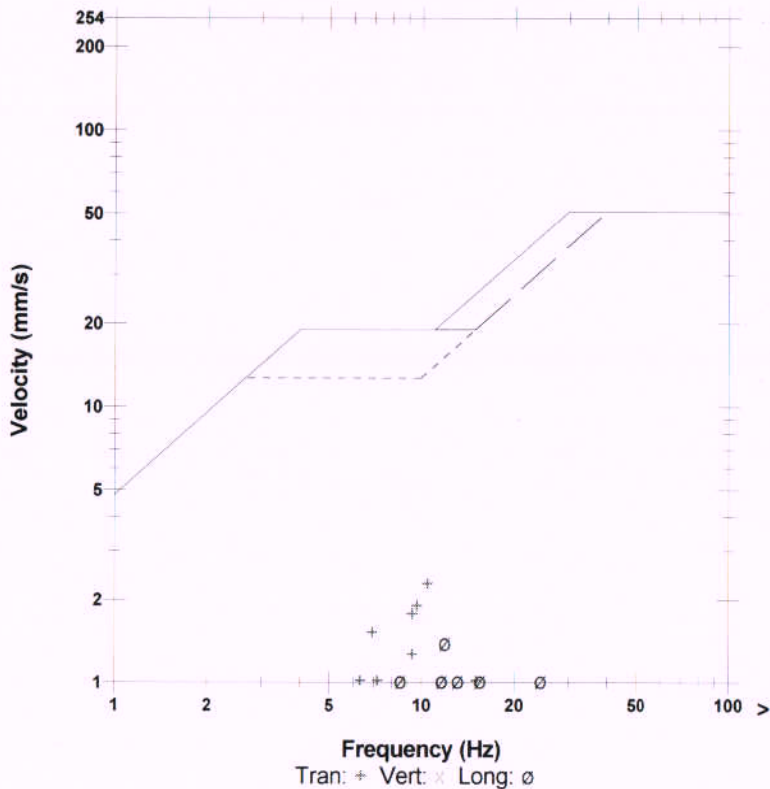
**Location:** Pit-B  
**Client:** Kathautia Open Cast Coal Mines, HIL  
**User Name:** Nishikant Kumar  
**General:** Coal Mine

**Microphone** Linear Weighting  
**PSPL** 5.500 pa.(L) at 0.363 sec  
**ZC Freq** 21 Hz  
**Channel Test** Passed (Freq = 19.7 Hz Amp = 441 mv )

	Tran	Vert	Long	
PPV	2.286	0.889	1.397	mm/s
ZC Freq	10	17	12	Hz
Time (Rel. to Trig)	0.530	0.060	0.423	sec
Peak Acceleration	0.027	0.013	0.027	g
Peak Displacement	0.038	0.010	0.021	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.9	7.6	7.7	Hz
Overswing Ratio	3.4	3.3	3.5	

**Peak Vector Sum** 2.304 mm/s at 0.533 sec

**USBM RI8507 And OSMRE**



**Time Scale:** 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 10.000 pa.(L)/div  
**Trigger =**

Sensor Check