Western States Drilling & Blasting
Henderson, Nevada

Record Analysis

File Name:	6L3KBS2Y.VE2	eXAD-8 Serial Number:	A05062930
Trigger Time:	02:01:43	Firmware Version:	3.10
Trigger Date:	08/21/10	Record Length:	4s
Monitor Start Time:	00:26:39	Cutoff Frequency:	256 Hz
Monitor Start Date:	08/21/10		
Software Version:	5.00.6.0		

Measurements

Vibration Analysis	X (R)	Y (T)	Z (V)
PPV - Max 0 to Peak (in/s)	0.555	0.399	0.620
Time of Peak (s)	0.280	0.330	0.167
ZC Frequency at Peak (Hz)	18.3	17.1	39.4
Peak Vector Sum (in/s)	0.718 @166ms		
Max Acceleration (milli(g)s)	1.653	1.281	2.057
Max Displacement (inches)	0.006	0.004	0.006

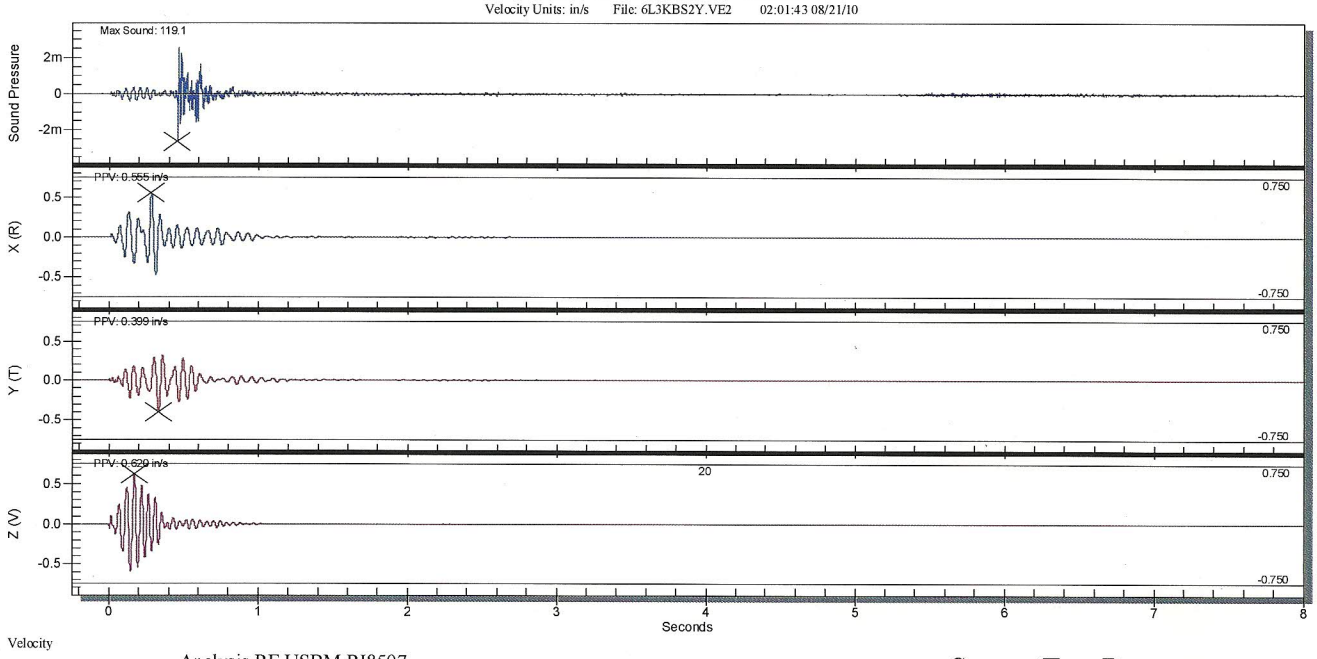
Sound Pressure Analysis	
Max dB (PSI)	119.1 (-0.0026)

Description

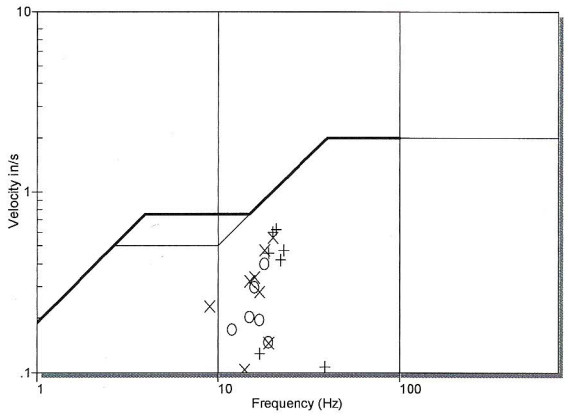
Project	Hyak to Snow Shed I-90
Client	WasDOT
Company	Western States Drilling & Blas
Operator	Vic Bronson
Comments	
ID Number	000019
Blast STA #	1338+10 to 1339+10
Seis STA #	1345+25
Distance	515'
Comments	

515' ID Number 000019

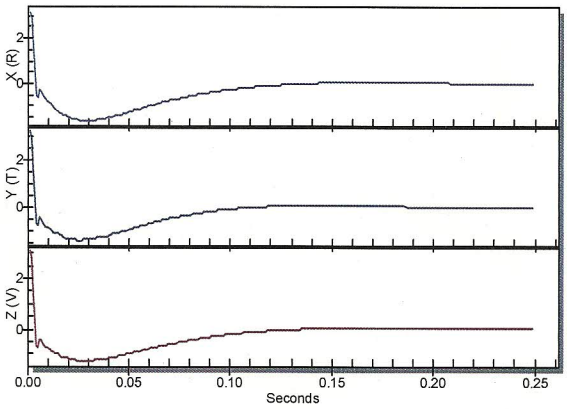
Velocity Units: in/s File: 6L3KBS2Y.VE2 02:01:43 08/21/10



Analysis RE USBM RI8507



Sensor Test Data



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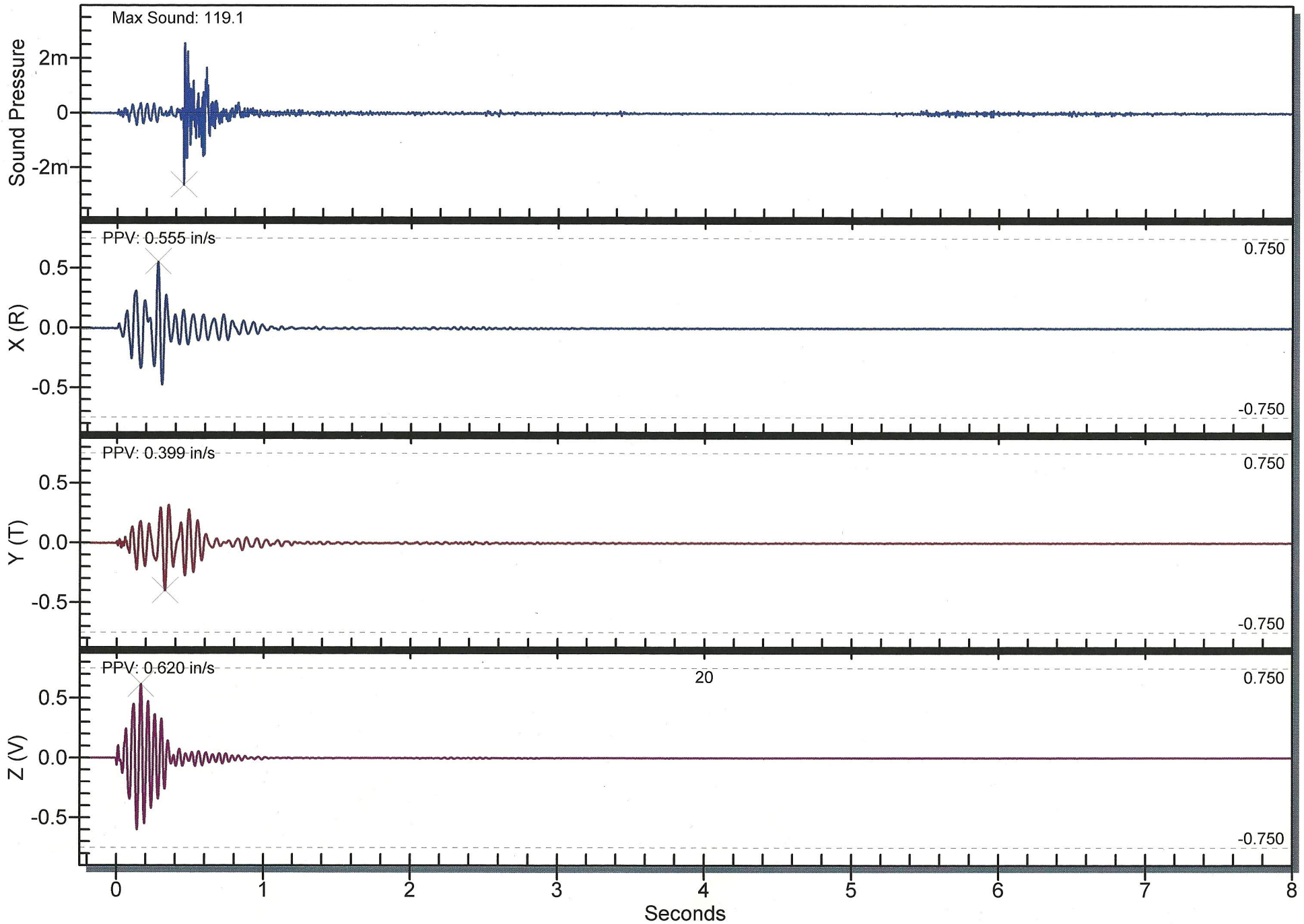
515' ID Number 000019

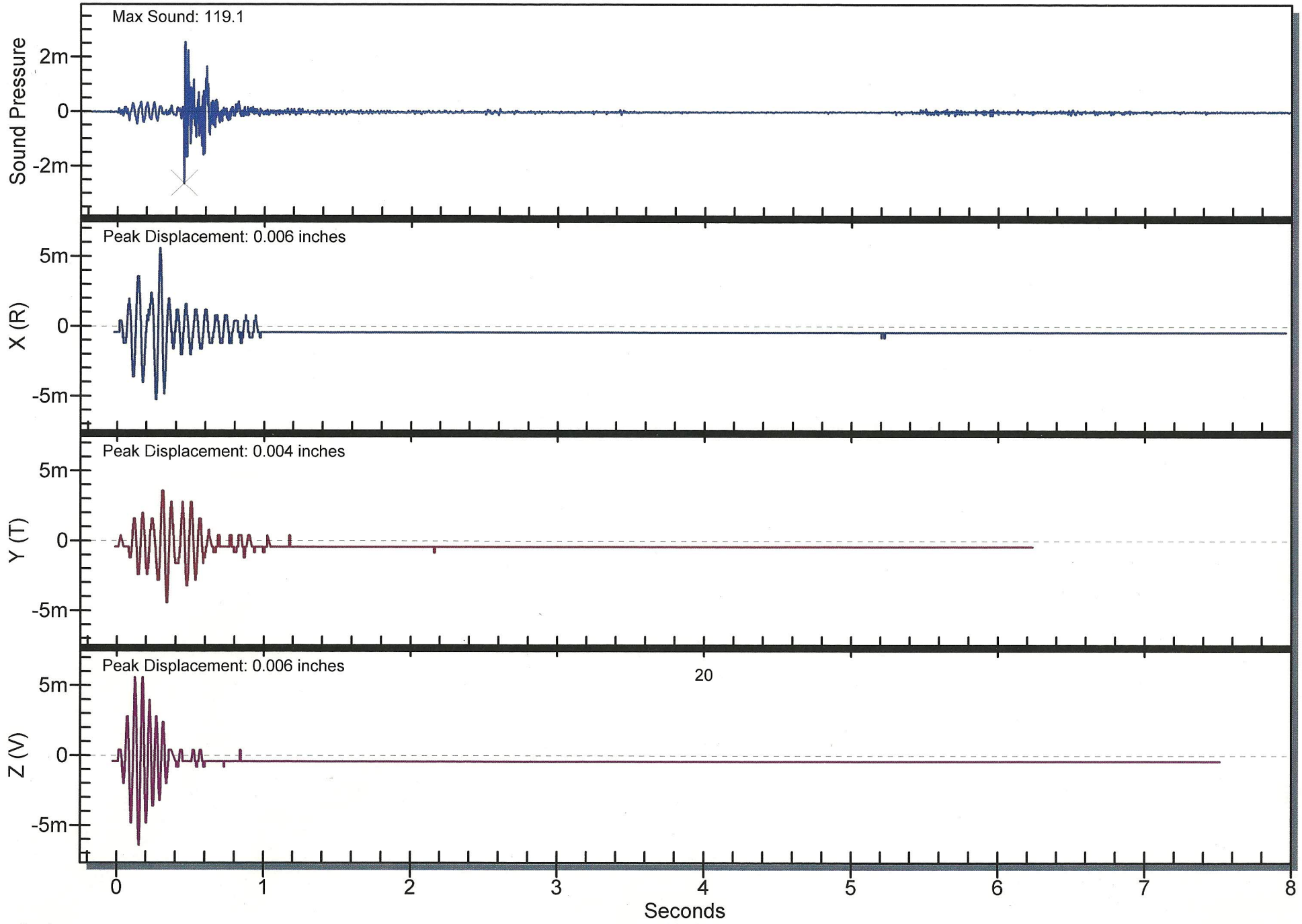
Velocity Units: in/s File: 6L3KBS2Y.VE2 02:01:43 08/21/10



Velocity

515' ID Number 000019

Displacement Units: inches File: 6L3KBS2Y.VE2 02:01:43 08/21/10



Displacement