Western States Drilling & Blasting
Henderson, Nevada

Record Analysis

File Name:	6L3KNRAH.VE2	eXAD-8 Serial Number:	A04042829
Trigger Time:	19:38:58	Firmware Version:	3.00
Trigger Date:	08/23/10	Record Length:	8s
Monitor Start Time:	19:03:51	Cutoff Frequency:	256 Hz
Monitor Start Date:	08/23/10		
Software Version:	5.00.6.0		

Measurements

Vibration Analysis	X (R)	Y (T)	Z (V)
PPV - Max 0 to Peak (in/s)	0.423	0.538	0.441
Time of Peak (s)	0.252	0.308	0.182
ZC Frequency at Peak (Hz)	19.7	13.5	46.5
Peak Vector Sum (in/s)	0.678 @272ms		
Max Acceleration (milli(g)s)	1.766	1.358	1.573
Max Displacement (inches)	0.004	0.006	0.004

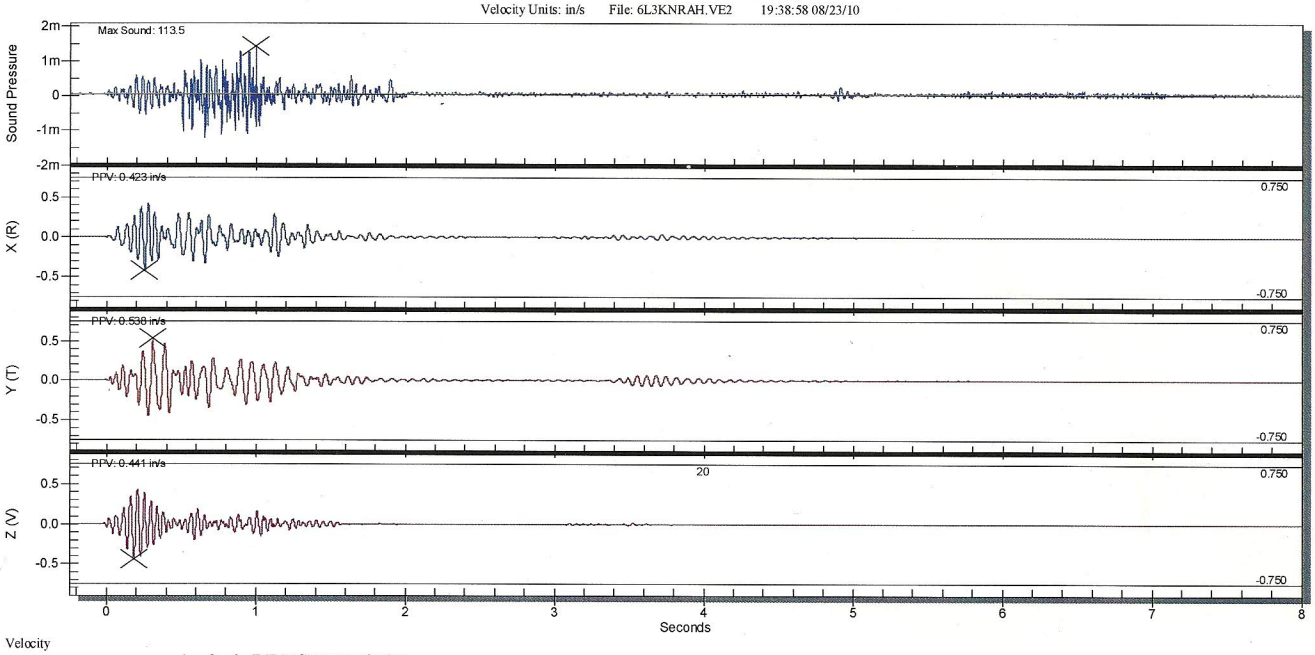
Sound Pressure Analysis	
Max dB (PSI)	113.5 (0.0014)

Description

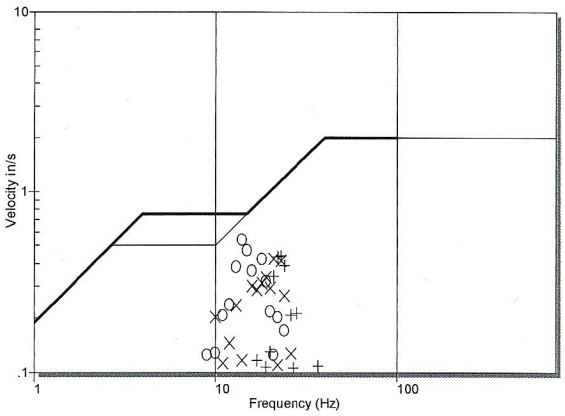
Project	Hyak to Snow Shed I-90
Client	WasDOT
Company	Western States Drilling & Blas
Operator	Vic Bronson
Comments	
ID Number	000026
Blast STA #	1336+84 to 1338+25
Seis STA #	1345+25
Distance	700"
Comments	

700" ID Number 000026

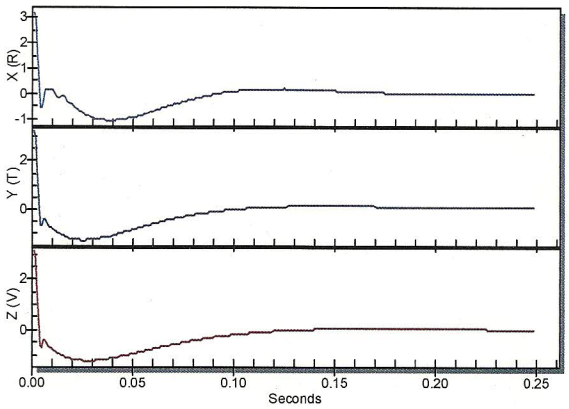
Velocity Units: in/s File: 6L3KNRAH.VE2 19:38:58 08/23/10



Analysis RE USBM RI8507



Sensor Test Data



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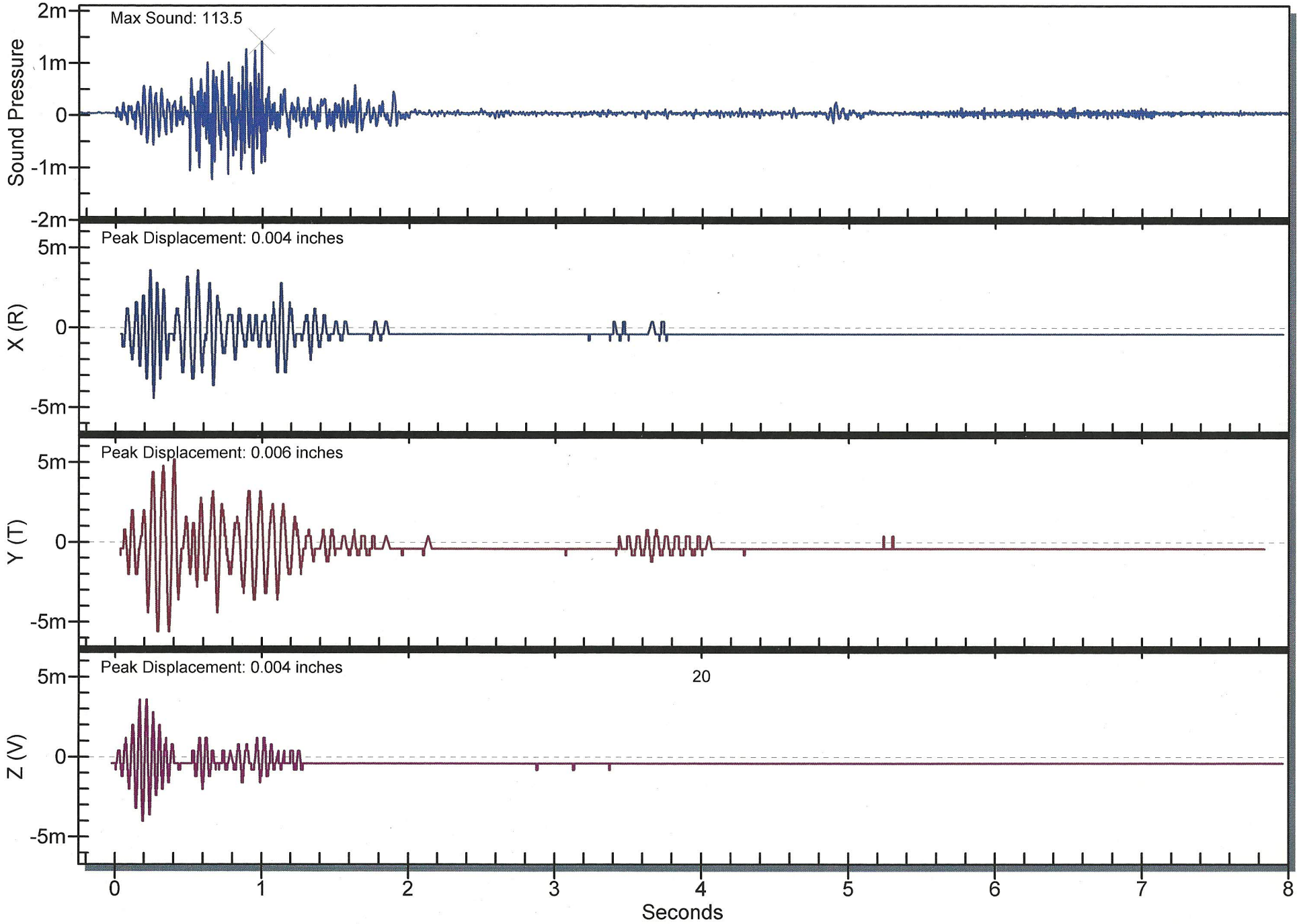
700' ID Number000026

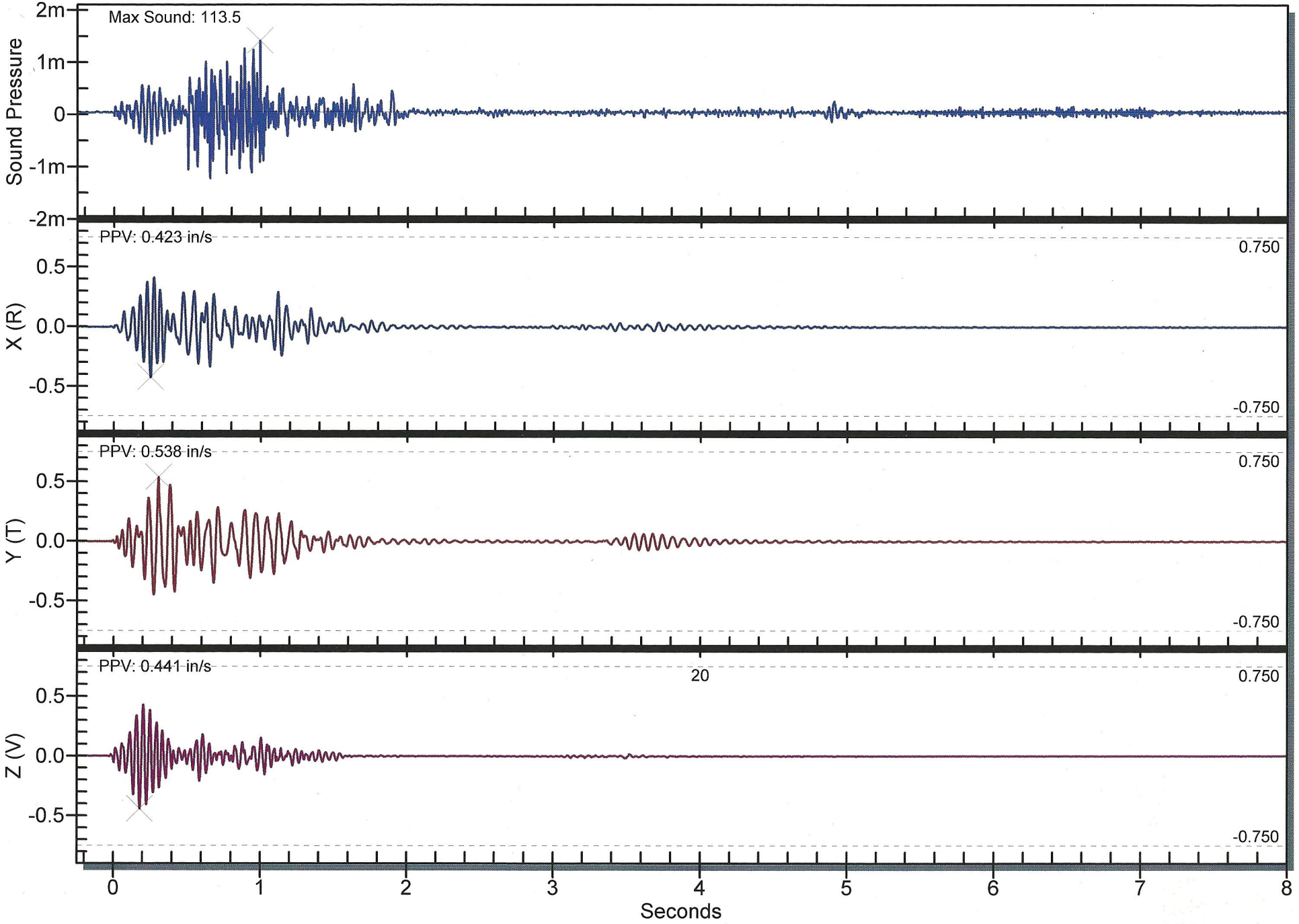
Displacement Units: inches File: 6L3KNRAH.VE2 19:38:58 08/23/10



Displacement

ID Number 000026

Velocity Units: in/s File: 6L3KNRAH.VE2 19:38:58 08/23/10



Velocity