

Nashville, TN
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Mailing Address: PO Box 25285 • Nashville, TN 37202

BLASTING LOG DATA

COMPANY: Sanders Construction		JOB NAME: Obsidian Mountain		BLASTER IN CHARGE (NAME) / ID NO.: Justin Probst	
DATE: 12/5/2007		TIME FIRED: 9:16		CITY, STATE HENDERSON, NV	
SHOT LOCATION (GPS) N36 00.181' W115 03.514'					
NO OF HOLES: 1		BURDEN X SPACING X DEPTH: (FT) 4x4x10		STEMMING AMOUNT (FT) / TYPE: 3	
TOTAL EXPLOSIVE CHARGE: (LBS.) 4		MAX EXPLOSIVE/DELAY: (LBS.) 2.18		HOLE DIAMETER: (IN.) 2 3/4	
No. Holes					
Spacing					
Burden					
Depth					
Explosive					
Delay No.					
KIND FO SURFACE PROTECTION:					
WEATHER: Cloudy		TEMPERATURE: 56.3		WIND: 0-3	
REMARKS: PRE TRIGGER : 9:04 Machine Did Not Trigger					
Field Recording Data			Instrument Settings		
VERTICLE:TRANSVERSE: LONGITUDNIAL:		PVS: DECIBLES: <.03 <120		GEO: MIC.: DURATION: .03 120 4	
RECORDER POSITION (GPS): N36 00.131' W115 03.509'		TYPE OF PROPERTY: OWNER: Commercial		ADDRESS: Behind 800 Tozzetti	
DIRECTION OF SOURCE: N		DISTANCE (BY GPS) 303 ft			
MANUFACTURER: MODEL: Larcor MR-2G		S/N: 3203		OPERATOR NAME: DATA CASSETTE NO.: John A Adkins 07-002	

Field Recording Results (For VCE Vibration Control Use Only)

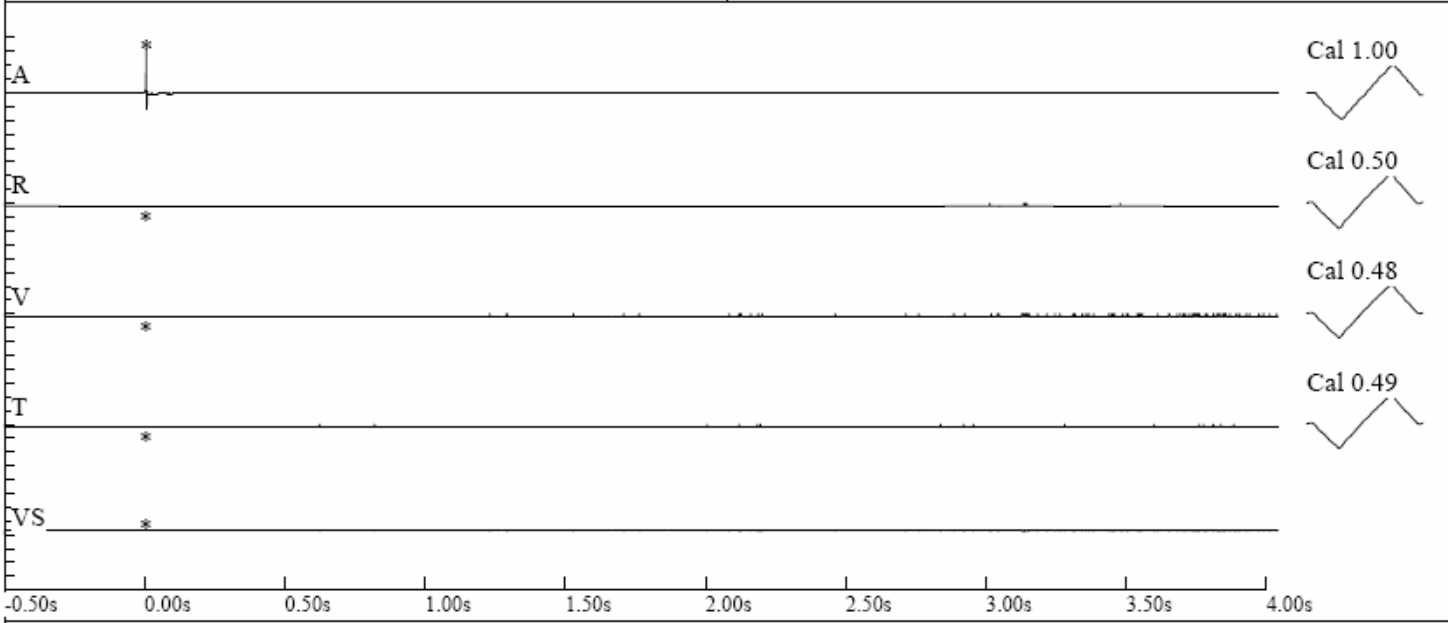
RECORDER CONTROL NO.:
071205JAA1

VIBRATION MEASUREMENT RESULTS	
Maximum Peak Particle Velocity	Frequency (Hz)
Longitudinal _____ "/Sec	_____
Vertical _____ "/Sec	_____
Transverse _____ "/Sec	_____
SAFE	CAUTION
DANGER	
SOUND MEASUREMENT RESULTS	
Maximum Noise Level _____ dB.	

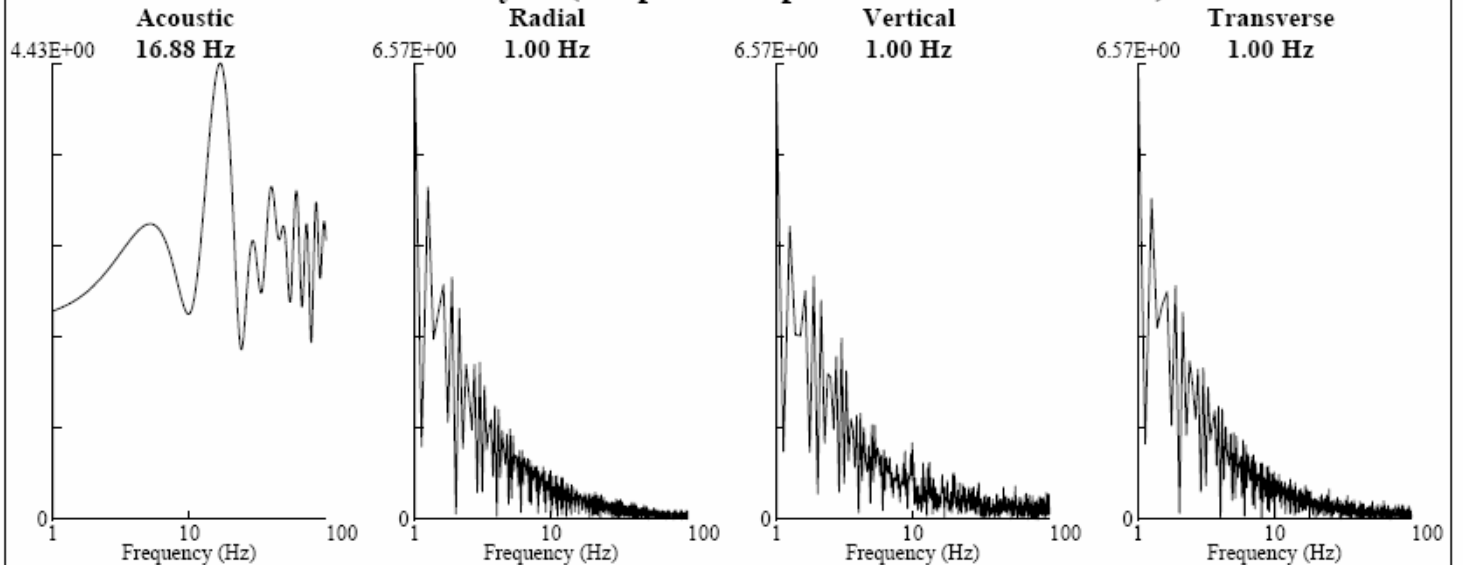
SEISMOGRAPH SENSOR CONFIRMATION TEST
 (Note the waveform below does not represent data from the blast)

File Name: 320320071205001.drb
 Number: 001
 Date: 12/5/2007
 Time: 09:04
 Serial Number: 3203
 Seismic Trigger: 0.0300 in/sec
 Acoustic Trigger: 118 dB
 Sample Rate: 1024
 Duration: 4.0 Seconds
 Pre-Trigger: 0.50 Seconds
 Gain: 2x
 Voltage: 6.5

Amplitudes and Frequencies	Graph Information
Acoustic: 133 dB, 0.92 Mb @ 128.0 Hz Radial: 0.0100 in/sec @ 0.0Hz Vertical: 0.0100 in/sec @ 0.0Hz Transverse: 0.0100 in/sec @ 0.0Hz Vector Sum: 0.0150 in/sec	Duration: -0.500 s To: 4.000 s Acoustic Scale: 136 dB Seismic Scale: 0.20 in/sec (0.050 in/sec/div) Time Intervals at: 0.50 s



Fourier Analysis (Amplitude Spectrum - Box Window)



Blast Data

Machine Did Not Trigger

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