

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

BLASTING LOG DATA

COMPANY: Sanders Construction		JOB NAME: Gibson & Horizon Ridge Parkway		BLASTER IN CHARGE (NAME) / ID NO.: Justin Probst	
DATE: 10/19/2007		TIME FIRED: 14:05		CITY, STATE HENDERSON, NV	
SHOT LOCATION (GPS) N36 01.117 W115 01.634					
NO OF HOLES: 112		BURDEN X SPACING X DEPTH: (FT) 5x4x6-8		STEMMING AMOUNT (FT) / TYPE: 5 1/2 - 6	
TOTAL EXPLOSIVE CHARGE: (LBS.) 525		MAX EXPLOSIVE/DELAY: (LBS.) 3.9		HOLE DIAMETER: (IN.) 3	
No. Holes					
Spacing					
Burden					
Depth					
Explosive					
Delay No.					
KIND FO SURFACE PROTECTION: N/A					
WEATHER: Sunny		TEMPERATURE: 77.6		WIND: 1-2	
REMARKS:PRE TRIGGER 11:29 Machine Did Not Trigger					
Field Recording Data			Instrument Settings		
VERTICLE:TRANSVERSE: LONGITUDNIAL:PVS:		DECIBLES:		GEO:	MIC.:
		<.03 <120		.03	120
DURATION:		4			
RECORDER POSITION (GPS): N36 01.271 W115 01.495		TYPE OF PROPERTY: OWNER: Commercial		ADDRESS: Next to Water District Pump House	
DIRECTION OF SOURCE: SW		DISTANCE (BY GPS) 1,159.6 ft			
MANUFACTURER: Larcor	MODEL: MR-2G	S/N: 925	OPERATOR NAME: John A Adkins	DATA CASSETTE NO.: 07-002	

Field Recording Results (For VCE Vibration Control Use Only)

RECORDER CONTROL NO.:
071019JAA5

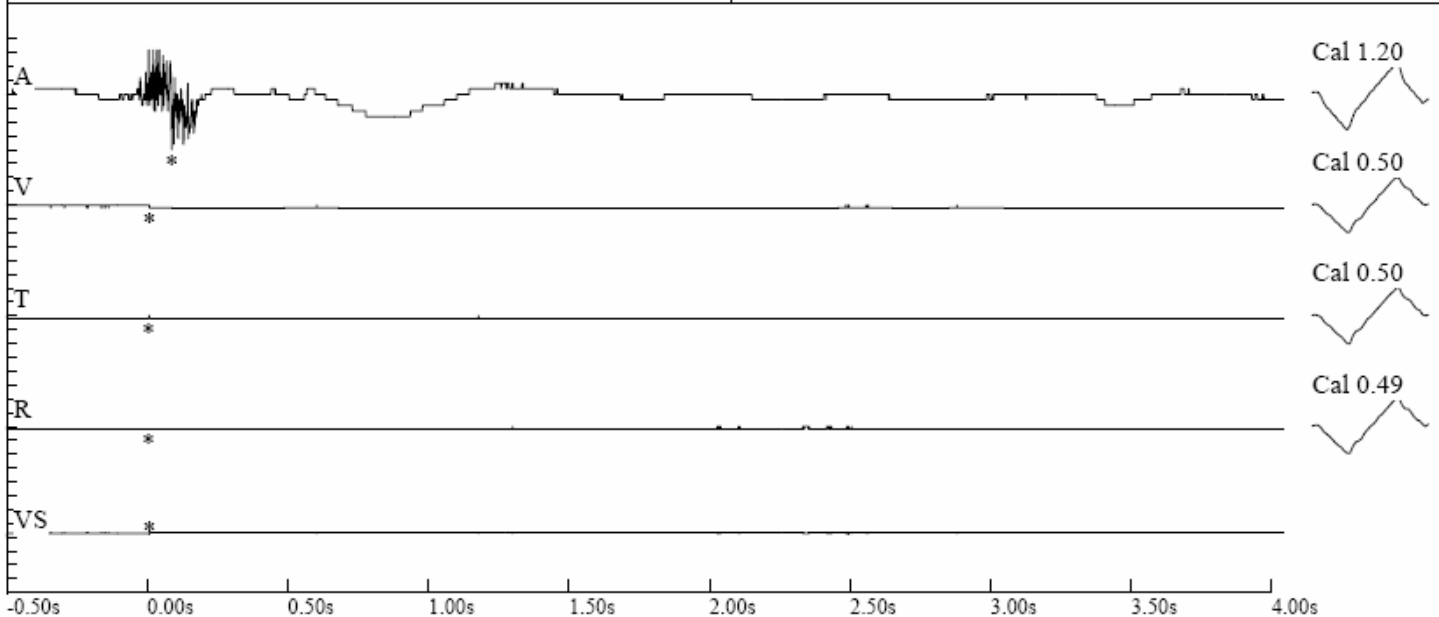
VIBRATION MEASUREMENT RESULTS	
Maximum Peak Particle Velocity	Frequency (Hz)
Longitudinal _____ "/Sec	_____
Vertical _____ "/Sec	_____
Transverse _____ "/Sec	_____
SAFE	CAUTION
DANGER	
SOUND MEASUREMENT RESULTS	
Maximum Noise Level _____ dB.	

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

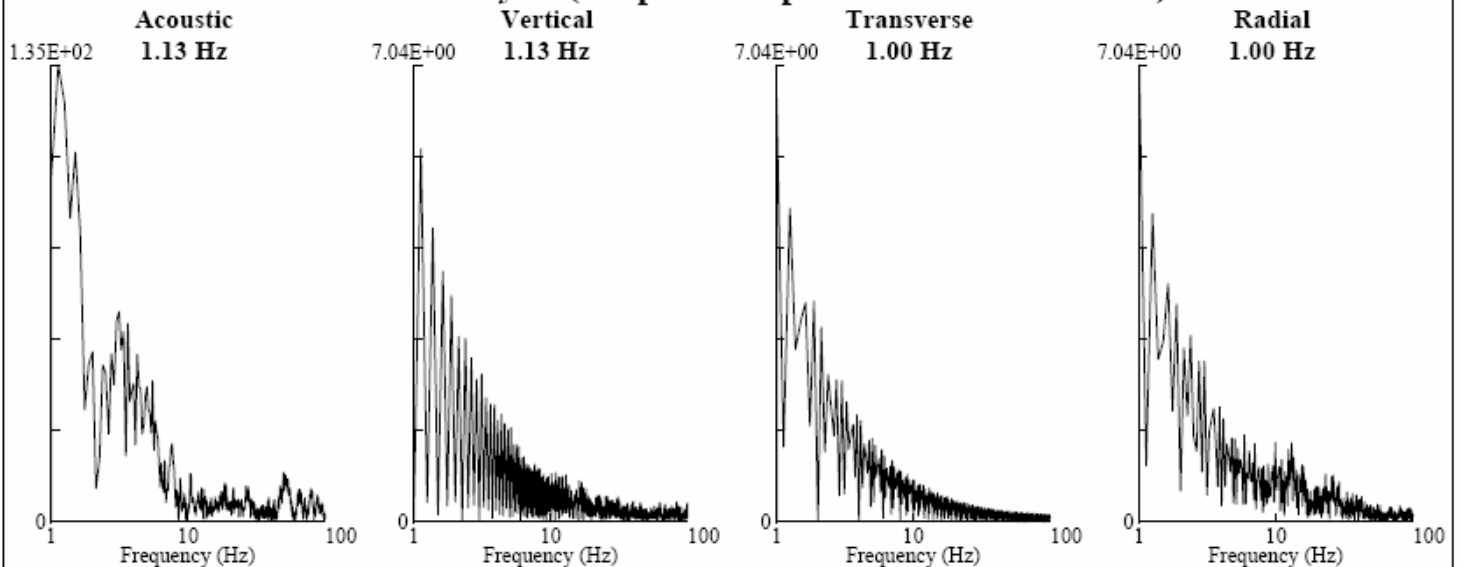
File Name: 92520071019000.dtb
 Number: 000
 Date: 10/19/2007
 Time: 11:29
 Serial Number: 925
 Seismic Trigger: 0.0300 in/sec
 Acoustic Trigger: 120 dB
 Sample Rate: 1024
 Duration: 4.0 Seconds
 Pre-Trigger: 0.50 Seconds
 Gain: 2x
 Voltage: 6.3

Amplitudes and Frequencies
 Acoustic: 126 dB, 0.40 Mb @ 42.6 Hz
 Vertical: 0.0100 in/sec @ 0.0Hz
 Transverse: 0.0100 in/sec @ 0.0Hz
 Radial: 0.0100 in/sec @ 0.0Hz
 Vector Sum: 0.0150 in/sec

Graph Information
 Duration: -0.500 s To: 4.000 s
 Acoustic Scale: 126 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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