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Mailing Address: PO Box 25285 • Nashville, TN 37202

## BLASTING LOG DATA

COMPANY: Sanders		JOB NAME: Crystal Ridge		BLASTER IN CHARGE (NAME) / ID NO.: Justin Probst	
DATE: 4/11/2008		TIME FIRED: 10:17		CITY, STATE HENDERSON, NV	
SHOT LOCATION (GPS) N35 59.530 W115 03.921					
NO OF HOLES: 38		BURDEN X SPACING X DEPTH: (FT) 8x8x10-12		STEMMING AMOUNT (FT) / TYPE: 6-7	
TOTAL EXPLOSIVE CHARGE: (LBS.) 800		MAX EXPLOSIVE/DELAY: (LBS.) 21.24		HOLE DIAMETER: (IN.) 3.5	
<b>No. Holes</b>					
<b>Spacing</b>					
<b>Burden</b>					
<b>Depth</b>					
<b>Explosive</b>					
<b>Delay No.</b>					
KIND OF SURFACE PROTECTION: N/A					
WEATHER: Clear		TEMPERATURE: Low 60's		WIND: 0-5	
REMARKS: PRE TRIGGER: 10:14 <b>Machine did not trigger</b>					
<b>Field Recording Data</b>			<b>Instrument Settings</b>		
VERTICAL: TRANSVERSE: LONGITUDINAL:		PVS: DECIBELS: <0.03 <120		GEO: .03	MIC.: 120
DURATION: 4		RECORDER POSITION (GPS): N35 59.636 W115 4.098		TYPE OF PROPERTY: OWNER: Commercial	
ADDRESS: 1875 Cypress Mesa		DIRECTION OF SOURCE: NW		DISTANCE (BY GPS) 1084	
MANUFACTURER: Larcor	MODEL: MR-2G	S/N: 2488	OPERATOR NAME: Keith R. Massenburg	DATA CASSETTE NO.: 08-002	

### Field Recording Results (For VCE Vibration Control Use Only)

RECORDER CONTROL NO.:  
080411KRM1

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

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

File Name: sn248820080411000.dtb  
Number: 000  
Date: 4/11/2008  
Time: 10:14  
Serial Number: 2488  
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: 6.1

**Amplitudes and Frequencies**

Acoustic: 131 dB, 0.68 Mb @ 170.6 Hz

Radial: 0.0100 in/sec @ 0.0Hz

Vertical: 0.0000 in/sec @ 0.0Hz

Transverse: 0.0000 in/sec @ 0.0Hz

Vector Sum: 0.0100 in/sec

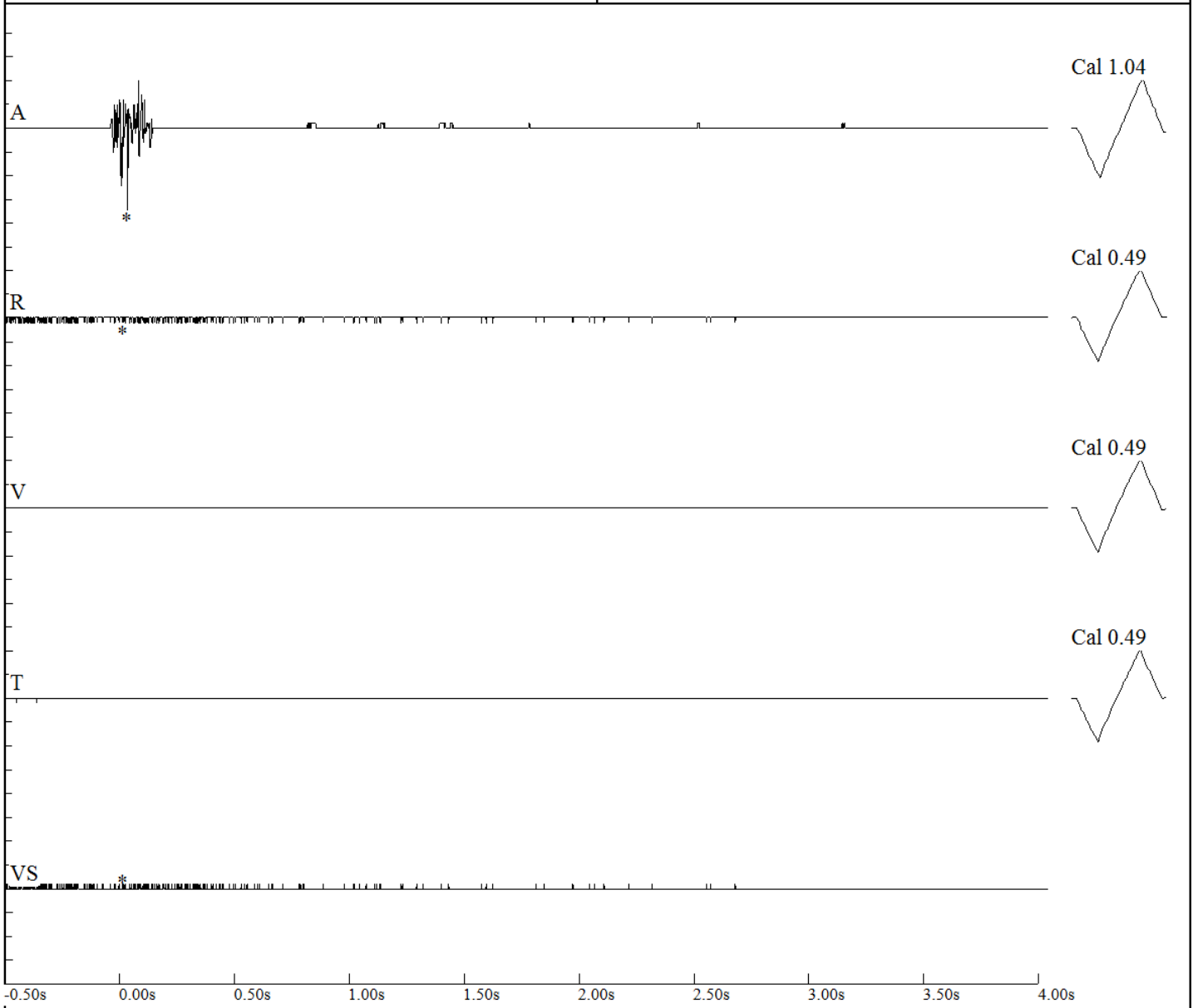
**Graph Information**

Duration: -0.500 s To: 4.000 s

Acoustic Scale: 132 dB

Seismic Scale: 0.20 in/sec (0.050 in/sec/div)

Time Intervals at: 0.50 s



**Blast Data**

**Machine did not trigger**

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