

Nashville, TN  
(615) 781-3844 • (800) 747-3844

Las Vegas, NV  
(702) 419-9210 • (800) 747-3844



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: 4/2/2008		TIME FIRED: 10:42		CITY, STATE HENDERSON, NV	
SHOT LOCATION (GPS) N35 59.393 W115 3.799					
NO OF HOLES: 126		BURDEN X SPACING X DEPTH: (FT) 9x9x6-20		STEMMING AMOUNT (FT) / TYPE: 6-9	
TOTAL EXPLOSIVE CHARGE: (LBS.) 3500		MAX EXPLOSIVE/DELAY: (LBS.) 49.56		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: Upper 60's		WIND: Calm	
REMARKS: PRE TRIGGER: 09:17 <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 59.899 W115 03.841		TYPE OF PROPERTY: OWNER: Commercial	
ADDRESS: Behind Anelli & Bolle		DIRECTION OF SOURCE: North		DISTANCE (BY GPS) 3084	
MANUFACTURER: Larcor	MODEL: MR-2G	S/N: 3552	OPERATOR NAME: Keith R. Massenburg	DATA CASSETTE NO.: 08-001	

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

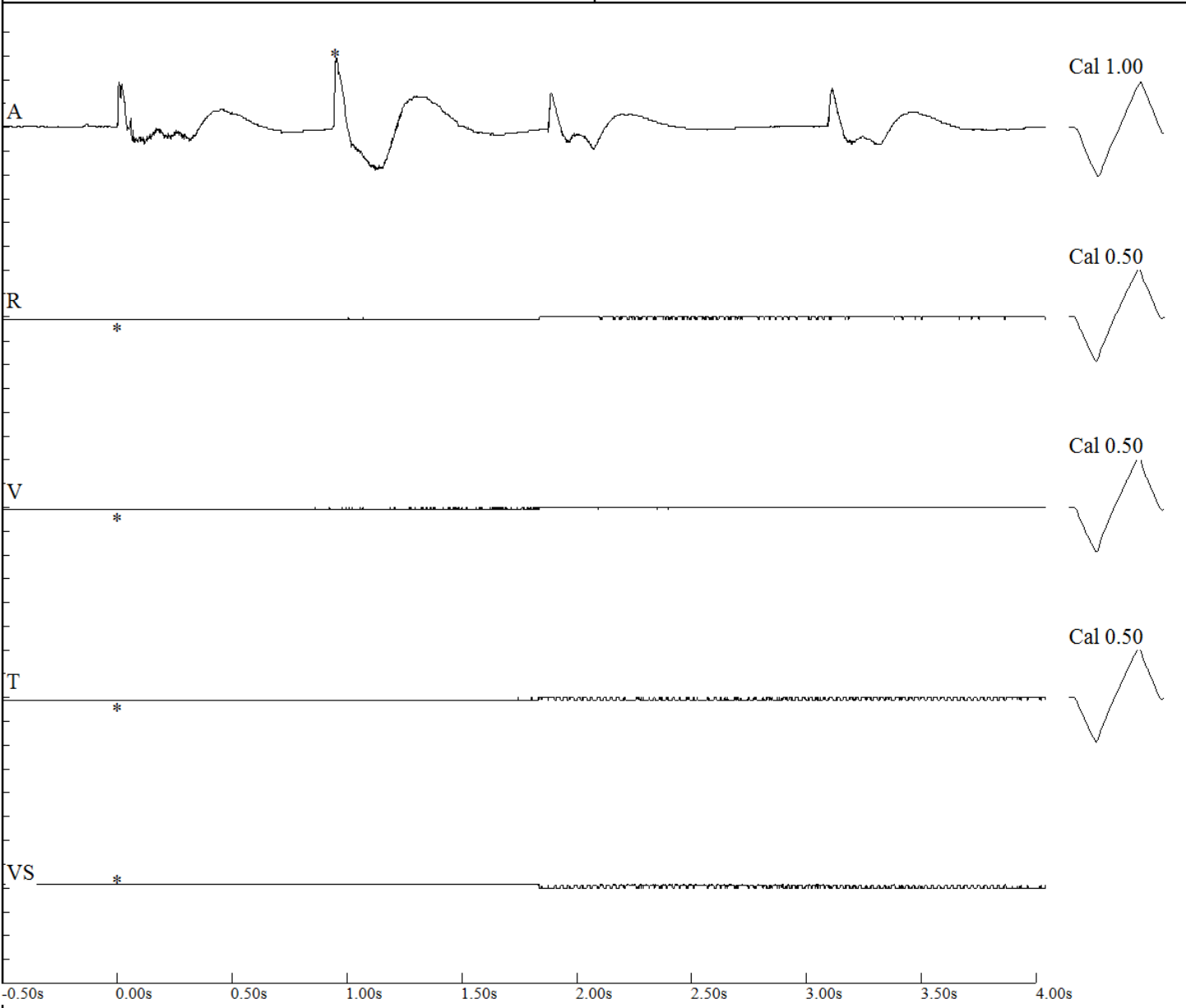
RECORDER CONTROL NO.:  
080402KRM1b

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: sn355220080402001.dtb  
 Number: 001  
 Date: 4/2/2008  
 Time: 09:17  
 Serial Number: 3552  
 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: 6.2

Amplitudes and Frequencies	Graph Information
<i>Acoustic:</i> 133 dB, 0.92 Mb @ 8.8 Hz <i>Radial:</i> 0.0050 in/sec @ 0.0Hz <i>Vertical:</i> 0.0050 in/sec @ 0.0Hz <i>Transverse:</i> 0.0050 in/sec @ 0.0Hz <i>Vector Sum:</i> 0.0100 in/sec	<i>Duration:</i> -0.500 s To: 4.000 s <i>Acoustic Scale:</i> 136 dB <i>Seismic Scale:</i> 0.20 in/sec (0.050 in/sec/div) <i>Time Intervals at:</i> 0.50 s



**Blast Data**

**Machine did not trigger**

**Page left blank intentionally**