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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.: Dennis Mauina	
DATE: 6/12/2008		TIME FIRED: 15:55		CITY, STATE HENDERSON, NV	
SHOT LOCATION (GPS) N35 59.268 W115 3.814					
NO OF HOLES: 174/189		BURDEN X SPACING X DEPTH: (FT) 7x7x12/10x12x18-33		STEMMING AMOUNT (FT) / TYPE: 6/8	
TOTAL EXPLOSIVE CHARGE: (LBS.) 18350		MAX EXPLOSIVE/DELAY: (LBS.) 75		HOLE DIAMETER: (IN.) 3.5/4	
No. Holes					
Spacing					
Burden					
Depth					
Explosive					
Delay No.					
KIND OF SURFACE PROTECTION: N/A					
WEATHER: Clear		TEMPERATURE: Low 90's		WIND: 0-5	
REMARKS: PRE TRIGGER: 12:30 Machine did not trigger					
Field Recording Data			Instrument Settings		
VERTICAL: TRANSVERSE: LONGITUDINAL:		PVS: DECIBELS: <0.03 <120		GEO: .03	MIC.: 120
DURATION: 4		RECORDER POSITION (GPS): N35 59.899 W115 3.841		TYPE OF PROPERTY: OWNER: Commercial	
ADDRESS: Behind Anelli & Bolle		DIRECTION OF SOURCE: North		DISTANCE (BY GPS) 3840	
MANUFACTURER: Larcor	MODEL: MR-2G	S/N: 2488	OPERATOR NAME: Keith R. Massenburg	DATA CASSETTE NO.: 08-001	

Field Recording Results (For VCE Vibration Control Use Only)

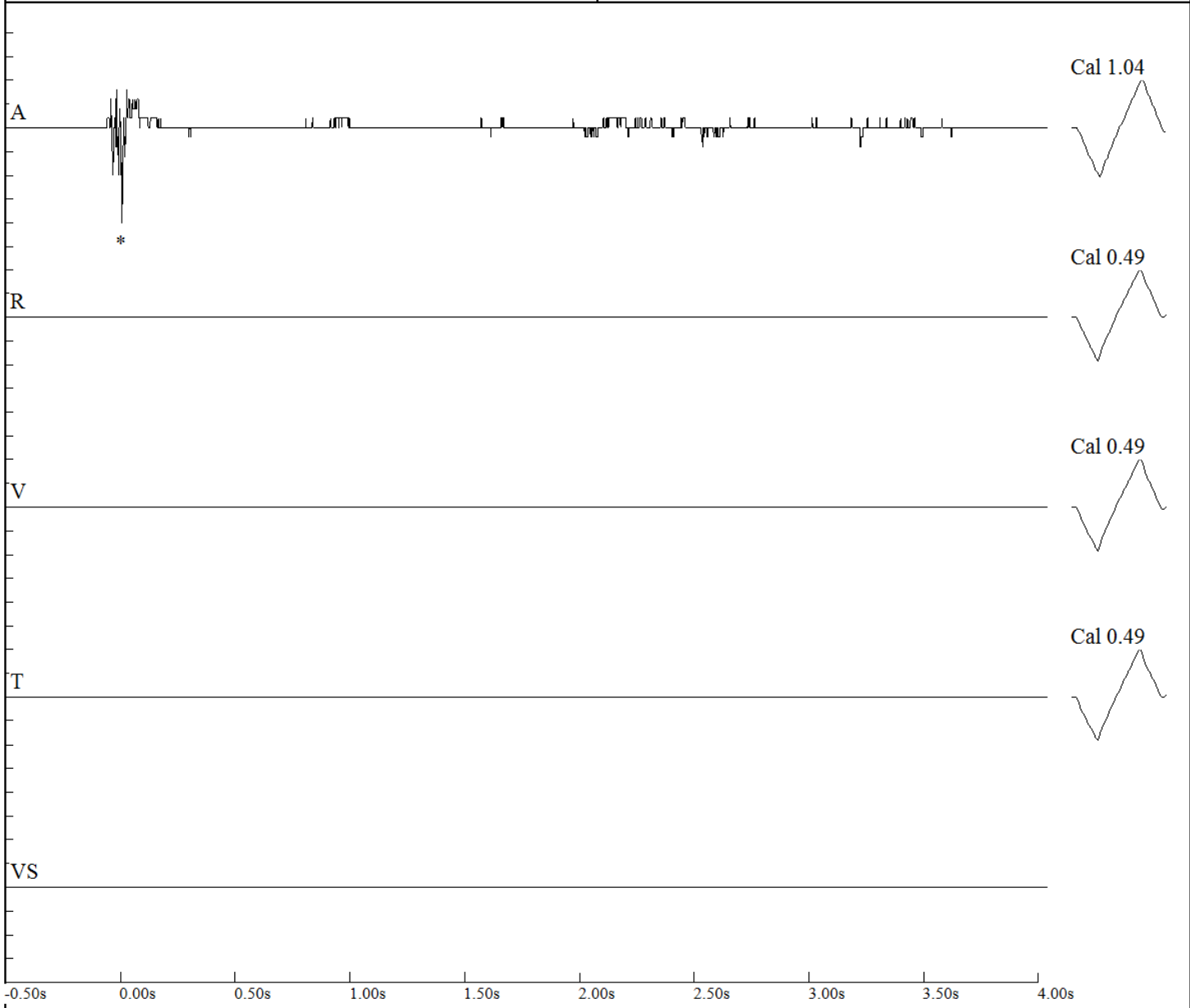
RECORDER CONTROL NO.:
080612KRM1b

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

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

File Name: 248820080617012.dtb
 Number: 012
 Date: 6/12/2008
 Time: 12:30
 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: 6.4

Amplitudes and Frequencies	Graph Information
<i>Acoustic: 126 dB, 0.40 Mb @ 36.5 Hz</i> <i>Radial: 0.0000 in/sec @ 0.0Hz</i> <i>Vertical: 0.0000 in/sec @ 0.0Hz</i> <i>Transverse: 0.0000 in/sec @ 0.0Hz</i> <i>Vector Sum: 0.0000 in/sec</i>	<i>Duration: -0.500 s To: 4.000 s</i> <i>Acoustic Scale: 126 dB</i> <i>Seismic Scale: 0.20 in/sec (0.050 in/sec/div)</i> <i>Time Intervals at: 0.50 s</i>



Blast Data

Machine did not trigger

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