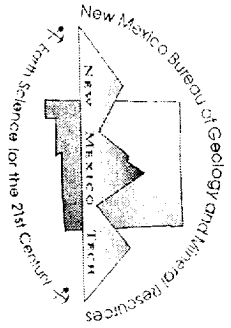


TWINING DRILLING CORP. NET NO. 3  
 655<sup>ft</sup> NL 1925<sup>ft</sup> FEL Sec. 22 TYNRIE, Socorro County, NM  
 WATER ANALYSIS FROM TERTIARY AQUIFER FROM 4824-4906 ft



NEW MEXICO BUREAU OF GEOLOGY AND MINERAL RESOURCES  
 NEW MEXICO TECH  
 801 Leroy Place, Socorro, NM 87801  
 REPORT OF WATER ANALYSES

Basin \_\_\_\_\_  
 Collection Date \_\_\_\_\_  
 Well Depth \_\_\_\_\_  
 Sample Description NPT #3 4874-4906  
 pH 5.50  
 County \_\_\_\_\_  
 Collected By \_\_\_\_\_  
 Water Depth \_\_\_\_\_  
 Township, Range \_\_\_\_\_  
 Section \_\_\_\_\_  
 Lab. number 01-0733  
 Values have been corrected for density  
 TDS (ppm) 255.520  
 Conductivity (uS/cm) 615.000

ANALYSIS	ppm	epm	ANALYSIS	ppm	epm	ANALYSIS	ppm	epm
Hardness (CaCO <sub>3</sub> )	27,229		Aluminum (Al)			Mercury (Hg)		
Carbonate (CO <sub>3</sub> <sup>2-</sup> )		0.00	Arsenic (As)			Molybdenum (Mo)		
Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )	39	0.64	Barium (Ba)			Nickel (Ni)		
Chloride (Cl <sup>-</sup> )	158,197	4462.74	Boron (B)			Selenium (Se)		
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	302	6.29	Cadmium (Cd)			Silica (SiO <sub>2</sub> )		
Nitrate (NO <sub>3</sub> <sup>-</sup> )	117	1.89	Chromium (Cr)			Silver (Ag)		
Phosphate (PO <sub>4</sub> <sup>3-</sup> )		0.00	Cobalt (Co)			Zinc (Zn)		
Fluoride (F <sup>-</sup> )		0.00	Copper (Cu)			Strontium (Sr)		
Sodium (Na)	85,656	3726.04	Iron (Fe)			Bromide (Br)	108	
Potassium (K)	970	24.80	Lead (Pb)			Density (g/ml)	1.22	
Magnesium (Mg)	1000	82.26	Lithium (Li)					
Calcium (Ca)	9254	461.77	Manganese (Mn)					

If this data appears in a presentation, report or publication, please acknowledge the NMBMIR Chemistry Laboratory.

Name, Address and Phone:  
 Ron Broadhead / Roy Johnson  
 Bureau \_\_\_\_\_

Total epm Cations 4294.87  
 Total epm Anions 4471.55  
 % Difference -2.0

Charges: \$0.00

Approved by: *Sybil Broadhead*

Date received: 11/12/01  
 Date completed: 11/27/01