

# PANTLCHS LABORATORIES

"S"

☐ P. O. BOX 2439 TEL. 806 669-6821 PAMPA, TEXAS 79066-2439  
☐ P. O. BOX 3246 TEL. 806 797-4325 LUBBOCK, TEXAS 79452-3246

## WATER ANALYSIS

### SAMPLING DATA

LAB #.....1051  
 CUSTOMER.....VERMEJO MINERALS CORP  
 SAMPLE ID.....WATER - WELL # S

DATE SAMPLED.....--  
 SAMPLING POINT.....--  
 SAMPLE TEMP (DEG. F).....75  
 SAMPLED BY.....VERMEJO  
 ANALYSIS DATE.....10-2-90

### REMARKS:

COLOR: CLEAR  
 NO VISIBLE SUSPENDED SOLIDS

### DISTRIBUTION

3-VERMEJO MINERALS CORPORATION  
 RTE 1 Box 68  
 CINTRON, NEW MEXICO 87114

MR LARRY WILLIAMSON

### ANALYTICAL DATA

PH.....8.77  
 SPECIFIC GRAVITY @ 75 DEG. F.....1.0005  
 RESISTIVITY (OHM-M).....13.1  
 FILTERABLE SOLIDS (MG/L).....37.2  
 CARBON DIOXIDE (CO2) MG/L.....NA  
 SULFIDE (AS H2S) MG/L.....NA  
 TOTAL HARDNESS (AS CaCO3) MG/L.....NA

### DISSOLVED SOLIDS

| CATIONS          | MEG/L | MG/L | PPM |
|------------------|-------|------|-----|
| SODIUM (Na)      | 8     | 184  | 184 |
| CALCIUM (Ca)     | .1    | 2    | 2   |
| MAGNESIUM (Mg)   | .2    | 2    | 2   |
| IRON (Fe), TOTAL | 0     | 0    | 0   |
| POTASSIUM (K)    | NA    | NA   | NA  |
| BARIUM (Ba)      | NA    | NA   | NA  |

### ANIONS

|                    |    |     |     |
|--------------------|----|-----|-----|
| CHLORIDE (Cl)      | .6 | 21  | 21  |
| SULFATE (SO4)      | 0  | 0   | 0   |
| CARBONATE (CO3)    | .8 | 24  | 24  |
| BICARBONATE (HCO3) | 7  | 427 | 427 |
| HYDROXIDE (OH)     | 0  | 0   | 0   |

|                                     |      |     |     |
|-------------------------------------|------|-----|-----|
| TOTAL DISSOLVED SOLIDS (CALCULATED) | 16.7 | 660 | 660 |
|-------------------------------------|------|-----|-----|

ANALYSIS BY.....STEVE HOPKINS.....

### WATER PATTERNS (MEG/L) LOGARITHMIC

