

PANTLCHS LABORATORIES

☐ 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 #.....0589
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # 0
 Produced Water
 Date sampled.....1-25-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....2-5-90

REMARKS:

* Cimarron, New Mexico Area

Color:
 Straw W/Suspended Solids

DISTRIBUTION

3-Vermejo Minerals Corporation
 Rte 1 Box 68
 Cimarron, New Mexico 87714
 Mr Larry Williamson

ANALYTICAL DATA

pH.....7.5
 Specific gravity @ 75 deg. F.....1.009
 Resistivity (ohm-m)......46
 Filterable solids (mg/l).....154.8
 Carbon dioxide (CO2) mg/l.....NA
 Sulfide (as H2S) mg/l.....NA
 Total hardness (as CaCO3) mg/l.....NA

DISSOLVED SOLIDS

Cations	meq/l	mg/l	ppm
Sodium (Na)	170.5	3920	3885
Calcium (Ca)	5.2	104	103
Magnesium (Mg)	31.4	382	379
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Anions	meq/l	mg/l	ppm
Chloride (Cl)	191.1	6774	6714
Sulfate (SO4)	0	0	0
Carbonate (CO3)	0	0	0
Bicarbonate (HCO3)	15.9	970	961
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	414.1	12150	12042

Analysis By ____Steve Hopkins____

Water Patterns (meq/l)
Logarithmic

