

PANTLCHS LABORATORIES

☐ P. O. BOX 2439 TEL. 806 669-6821 PAMPA, TEXAS 79066-2439
☐ P. O. BOX 3246 TEL. 806 797-4325 LUBBOCK, TEXAS 79402-3246

WATER ANALYSIS

SAMPLING DATA

Lab #.....0689
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # D
 Produced Water
 Date sampled.....3-1-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....3-7-90

REMARKS:

* Cimarron, New Mexico Area
 Color:
 Gray; cloudy; suspended Solids

DISTRIBUTION

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

ANALYTICAL DATA

pH.....8.09
 Specific gravity @ 75 deg. F.....1.0031
 Resistivity (ohm-m).....1.19
 Filterable solids (mg/l).....166.8
 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)	85.4	1963	1957
Calcium (Ca)	1.5	30	30
Magnesium (Mg)	2.5	30	30
Iron (Fe), total	.7	20	20
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	71.2	2524	2516
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	18.9	1153	1149
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	180.2	5720	5702

Analysis By: _____ Steve Hopkins _____

Water Patterns (meq/l)
Logarithmic

