

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

27-31N-17E

WATER ANALYSIS

SAMPLING DATA

Lab #.....1081
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....Well #90-2

 Date sampled.....10-13-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo Minerals
 Analysis date.....10-23-90

ANALYTICAL DATA

pH.....8.82
 Specific gravity @ 75 deg. F......9995
 Resistivity (ohm-m).....8.25
 Filterable solids (mg/l).....101.6
 Carbon dioxide (CO2) mg/l.....NA
 Sulfide (as H2S) mg/l.....NA
 Total hardness (as CaCO3) mg/l.....NA

REMARKS:

Clear, no visible suspended solids

DISSOLVED SOLIDS

Cations	meq/l	mg/l	ppm
Sodium (Na)	11.5	264	264
Calcium (Ca)	.3	6	6
Magnesium (Mg)	1.5	18	18
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA
Anions			
Chloride (Cl)	2.9	103	103
Sulfate (SO4)	0	0	0
Carbonate (CO3)	1.2	36	36
Bicarbonate (HCO3)	9.2	561	561
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	26.6	988	988

DISTRIBUTION

3-Vermejo Minerals Corporation
 Rt 1, Box 68
 Cimarron, New Mexico 87114

 Mr. Larry Williamson

Analysis by: ___Kirtus Garrison_____

Water Patterns (meq/l)
Logarithmic

