

PANTECHS 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

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WATER ANALYSIS

SAMPLING DATA

Lab #.....1082
 Customer.....VERMEJO MINERALS CORP
 Sample ID.....Well #90-3
 Date sampled.....10-13-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo Minerals
 Analysis date.....10-23-90

REMARKS:

Light tan color
 some suspended solids

DISTRIBUTION

3-Vermejo Minerals Corporation
 Rt 1, Box 68
 Cimarron, New Mexico 87114
 Mr. Larry Williamson

ANALYTICAL DATA

pH.....8.56
 Specific gravity @ 75 deg. F.....1.0015
 Resistivity (ohm-cm).....2.95
 Filterable solids (mg/l).....150.4
 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)	33	759	758
Calcium (Ca)	1.3	26	26
Magnesium (Mg)	1.3	16	16
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

Chloride (Cl)	17	603	602
Sulfate (SO4)	0	0	0
Carbonate (CO3)	.8	24	24
Bicarbonate (HCO3)	17.8	1086	1084
Hydroxide (OH)	0	0	0

Total dissolved solids (calculated)	71.2	2514	2510
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Analysis by: Kirtus Garrison

Water Patterns (meq/l)
 Logarithmic

