

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

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SAMPLING DATA

Lab #.....0587
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # T
 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:
 Orange W/Suspended Solids

DISTRIBUTION

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

ANALYTICAL DATA

pH.....6.61
 Specific gravity @ 75 deg. F.....1.0121
 Resistivity (ohm-m)......31
 Filterable solids (mg/l).....396.8
 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)	241.8	5559	5493
Calcium (Ca)	25.5	511	505
Magnesium (Mg)	14.4	175	173
Iron (Fe), total	2.1	59	58
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	275.9	9781	9664
Sulfate (SO ₄)	.2	10	10
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	7.7	470	464
Hydroxide (OH)	0	0	0
Total dissolved solids (calculated)	567.6	16565	16367

Analysis By ___ Steve Hopkins _____

Water Patterns (meq/l)
Logarithmic

