

PANTECHS LABORATORIES

"S"

☐ 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 #.....0954
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....# Well # "S"
 Produced Water
 Date sampled.....7-6-90
 Sampling point.....--
 Sample temp (deg. F).....75
 Sampled by.....Vermejo
 Analysis date.....7-16-90

REMARKS:

Cimarron, New Mexico Area

Color:
 Light Yellow

DISTRIBUTION

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

ANALYTICAL DATA

pH.....8.08
 Specific gravity @ 75 deg. F......9997
 Resistivity (ohm-cm).....12.4
 Filterable solids (mg/l).....60.8
 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)	8.5	195	195
Calcium (Ca)	.1	2	2
Magnesium (Mg)	0	0	0
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	.9	32	32
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	7.7	470	470
Hydroxide (OH)	0	0	0

Total dissolved solids (calculated)	meq/l	mg/l	ppm
	17.2	699	699

Analysis by Steve Hopkins

Water Patterns (meq/l)
 Logarithmic

