

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

H

SAMPLING DATA

Lab #.....0692
 Customer.....VERMEJO MINERALS CORP.
 Sample ID.....* Well # H
 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:
 Yellow; suspended solids.

ANALYTICAL DATA

pH.....8.41
 Specific gravity @ 75 deg. F.....1.0029
 Resistivity (ohm-m).....1.17
 Filterable solids (mg/l).....140.8
 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)	94.7	2177	2171
Calcium (Ca)	1.5	30	30
Magnesium (Mg)	1.6	19	19
Iron (Fe), total	0	0	0
Potassium (K)	NA	NA	NA
Barium (Ba)	NA	NA	NA

Anions

	meq/l	mg/l	ppm
Chloride (Cl)	77.7	2754	2746
Sulfate (SO ₄)	0	0	0
Carbonate (CO ₃)	0	0	0
Bicarbonate (HCO ₃)	20.1	1226	1222
Hydroxide (OH)	0	0	0

Total dissolved solids (calculated)	195.6	6206	6188
-------------------------------------	-------	------	------

DISTRIBUTION

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

Analysis By: _____ Steve Hopkins _____

Water Patterns (meq/l)
 Logarithmic

