



2506 West Main Street
Farmington, New Mexico 87401
Tel. (505) 326-4737

sec. 1, T31N, R17E
1450 FSL, 660 FEL

TD 620' - Vermejo Formation

Client: Vermejo Minerals Corp.
Site: 3-1
IML #: F1557

Date of report: 06/22/89
Date sampled: 06/06/89
Date received: 06/09/89

0111

Total dissolved solids (180).....	364	mg/l
Total dissolved solids (103).....	404	mg/l
Total dissolved solids (calculated).....	396	mg/l
Total alkalinity (as CaCO3).....	366	mg/l
Total hardness (as CaCO3).....	8	mg/l
Lab pH.....	8.63	
Lab conductivity.....	678	umhos/cm @ 25C
Lab resistivity.....	14.7493	ohm-m
Sodium adsorption ratio.....	26.28	

	mg/l	meq/l
Acidity (as CaCO3).....	<1.0	<0.01
Bicarbonate (as HCO3).....	419.80	6.98
Carbonate (as CO3).....	13.32	0.44
Chloride.....	3.24	0.09
Sulfate.....	0.62	0.01
Calcium.....	3.28	0.16
Magnesium.....	0.00	.00
Potassium.....	1.01	0.03
Sodium.....	170.50	7.42
Major cations.....		7.60
Major anions.....		7.43
Anion/cation % difference.....		1.14 %
Bromide.....	0.875	mg/l



C. Neal Schaeffer
Senior Chemist