



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

CLIENT: Vermejo Minerals Corp.

DATE REPORTED: 10/26/89

SITE: Well A
LAB NO: F3371

DATE RECEIVED: 10/18/89
DATE COLLECTED: 10/10/89

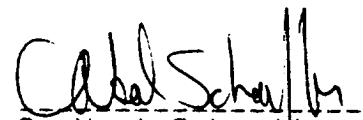
Lab pH.....	7.46
Lab Conductivity, umhos/cm.....	8766
Lab resistivity, ohm-m.....	1.1408
Total Dissolved Solids (180), mg/l..	6866 ✓
Total Dissolved Solids (calc), mg/l..	6481
Total Alkalinity as CaCO ₃ , mg/l.....	453.42
Total Acidity as CaCO ₃ , mg/l.....	0.00
Total Hardness as CaCO ₃ , mg/l.....	362.09
Sodium Absorption Ratio.....	56.40
Bromide, mg/l.....	42.65

	mg/l	meq/l
Bicarbonate as HCO ₃	553.17	9.07
Carbonate as CO ₃	0.00	0.00
Chloride.....	3588.08	101.22
Sulfate.....	<0.10	<0.01
Calcium.....	138.12	6.89
Magnesium.....	4.25	0.35
Potassium.....	10.92	0.28
Sodium.....	2467.50	107.33
Major Cations.....		114.85
Major Anions.....		110.28
Cation/Anion Difference.....		2.03 % *

* This cation/anion percent difference is probably due to to high concentration of Bromide, which is not included in the balance equation.

Trace metals by AA (Total Concentration), mg/l

	Analytical Result:	Detection Limit:
Iron (Fe).....	62.81	<0.05
Manganese (Mn).....	0.84	<0.02


C. Neal Schaeffer
Lab Director