



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

CLIENT: Vermejo Minerals Corp.

DATE REPORTED: 10/26/89

SITE: Well E Lab Split
LAB NO: F3376

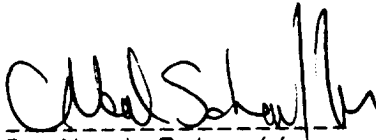
DATE RECEIVED: 10/18/89
DATE COLLECTED: 10/10/89

Lab pH.....	8.07
Lab Conductivity, umhos/cm.....	5894
Lab resistivity, ohm-m.....	1.6966
Total Dissolved Solids (180), mg/l..	4804
Total Dissolved Solids (calc), mg/l..	4510
Total Alkalinity as CaCO ₃ , mg/l.....	1275.12
Total Acidity as CaCO ₃ , mg/l.....	0.00
Total Hardness as CaCO ₃ , mg/l.....	138.94
Sodium Absorption Ratio.....	67.09
Bromide, mg/l.....	17.28

	mg/l	meq/l
Bicarbonate as HCO ₃	1555.65	25.50
Carbonate as CO ₃	0.00	0.00
Chloride.....	1863.42	52.56
Sulfate.....	<0.10	<0.01
Calcium.....	48.85	2.44
Magnesium.....	4.15	0.34
Potassium.....	11.00	0.28
Sodium.....	1818.00	79.08
Major Cations.....		82.14
Major Anions.....		78.07
Cation/Anion Difference.....		2.54 % *

* This cation /anion percent difference is probably due 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).....	34.11	<0.05
Manganese (Mn).....	0.44	<0.02


C. Neal Schaeffer
Lab Director