



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

CLIENT: Vermeja Minerals Corp.

DATE REPORTED: 10/26/89

SITE: Well R
LAB NO: F3375

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

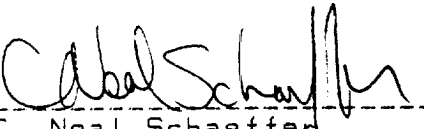
Lab pH.....	8.41
Lab Conductivity, umhos/cm.....	1268
Lab resistivity, ohm-m.....	7.8864
Total Dissolved Solids (180), mg/l..	1250
Total Dissolved Solids (calc), mg/l..	863
Total Alkalinity as CaCO ₃ , mg/l.....	748.44
Total Acidity as CaCO ₃ , mg/l.....	0.00
Total Hardness as CaCO ₃ , mg/l.....	42.10
Sodium Absorption Ratio.....	22.62
Bromide, mg/l.....	<0.1

	mg/l	meq/l
Bicarbonate as HCO ₃	898.60	14.73
Carbonate as CO ₃	7.13	0.24
Chloride.....	59.47	1.68
Sulfate.....	<0.10	<0.01
Calcium.....	10.95	0.55
Magnesium.....	3.60	0.30
Potassium.....	2.25	0.06
Sodium.....	337.50	14.68
Major Cations.....		15.58
Major Anions.....		16.65
Cation/Anion Difference.....		3.31 % *

* This large anion/cation % difference is probably due to unidentified anions such as nitrates, nitrites, sulfides, or halides. All major ions were reanalyzed without significant changes.

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

	Analytical Result:	Detection Limit:
Iron (Fe).....	15.66	<0.05
Manganese (Mn).....	0.29	<0.02


C. Neal Schaeffer
Senior Chemist