



THERMOCHEM

14376 (1-2) December 7, 2009

Kelly Franz
Sierra Geothermal Power Corp.

Report of Analysis

Lab Number: 14376 - 2

Descriptor: 53-15 TGH 11-03-09 10:00

<u>Analyte</u>	<u>mg/kg</u>
Sodium	4160
Potassium	229
Calcium	382
Magnesium	137
Lithium	13.5
Boron	9.73
Silica	99.3
Chloride	7510
Sulfate	289
Total Alkalinity (as HCO ₃ ⁻)	411
Carbonate Alkalinity (as CO ₃ ⁼)	<2.00
Bicarbonate Alkalinity (as HCO ₃ ⁻)	411
Ammonia	<0.511
TDS (Calculated)	13200
Lab pH (units)	7.64