

THERMOCHEM

13851 (1-4) March 6, 2009

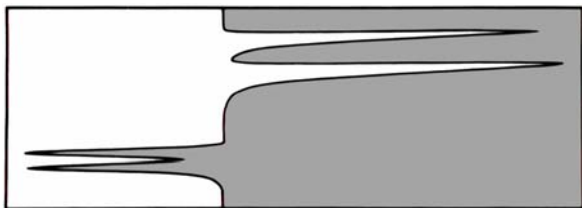
Mike Long
Western GeoPower

Report of Analysis

Lab Number: 13851 - 2

Descriptor: Meager Creek MC-8 9-26-08 13:00
Air lift 94 hours. Weir sample (ATM flash during air lift);
Formation Temperature = 431 degrees F at flow zone

<u>Analyte</u>	<u>mg/kg</u>
Sodium	1760
Potassium	273
Calcium	46.1
Magnesium	0.027
Lithium	5.97
Boron	20.1
Silica	630
Arsenic	0.992
Cesium	0.580
Rubidium	1.30
Chloride	2950
Fluoride	2.36
Bromide	7.67
Sulfate	91.6
Total Alkalinity (as HCO ₃ ⁻)	43.1
Carbonate Alkalinity (as CO ₃ ⁼)	<2.00
Bicarbonate Alkalinity (as HCO ₃ ⁻)	43.1
Ammonia	<0.255
Conductivity, umhos/cm	9030
TDS (Calculated)	5840
Lab pH (units)	7.95



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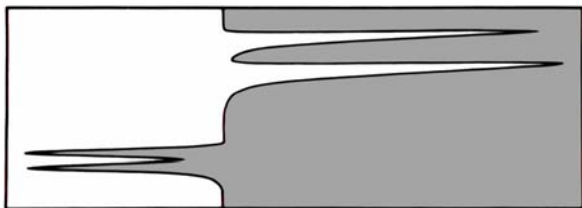
Mike Long
Western GeoPower

Report of Analysis

Lab Number: 13851 - 3

Descriptor: Meager Creek MC-8 9-27-08 07:30
Air lift 112.5 hours. Weir sample (ATM flash during air lift);
Formation Temperature = 431 degrees F at flow zone.

<u>Analyte</u>	<u>mg/kg</u>
Sodium	1720
Potassium	279
Calcium	47.4
Magnesium	0.030
Lithium	6.07
Boron	20.1
Silica	619
Arsenic	1.14
Cesium	0.564
Rubidium	1.29
Chloride	2960
Fluoride	2.35
Bromide	7.51
Sulfate	89.4
Total Alkalinity (as HCO ₃ ⁻)	46.9
Carbonate Alkalinity (as CO ₃ ⁼)	<2.00
Bicarbonate Alkalinity (as HCO ₃ ⁻)	46.9
Ammonia	<0.255
Conductivity, umhos/cm	9090
TDS (Calculated)	5790
Lab pH (units)	8.02



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Report of Analysis

Lab Number: 13851 - 4

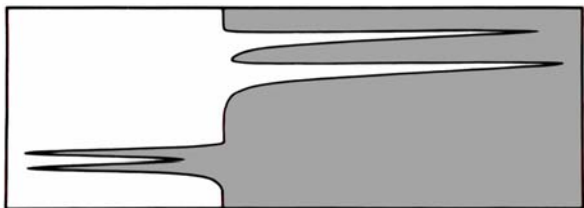
Descriptor: Meager Creek MC-8 9-27-08 10:00

Air lift 115 hours, coiled tubing coming out of hole, water dirty.

Weir sample (ATM flash during air lift)

Formation Temperature = 431 degrees F at flow zone.

<u>Analyte</u>	<u>mg/kg</u>
Sodium	1730
Potassium	279
Calcium	62.6
Magnesium	0.212
Lithium	6.37
Boron	20.7
Silica	536
Arsenic	0.230
Cesium	0.482
Rubidium	1.28
Chloride	3030
Fluoride	2.21
Bromide	7.98
Sulfate	93.3
Total Alkalinity (as HCO ₃ ⁻)	11.8
Carbonate Alkalinity (as CO ₃ ⁼)	<2.00
Bicarbonate Alkalinity (as HCO ₃ ⁻)	11.8
Ammonia	<0.255
Conductivity, umhos/cm	9360
TDS (Calculated)	5780
Lab pH (units)	7.37



THERMOCHEM

13851 (1-4) March 6, 2009

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Report of Analysis

Lab Number: 13851 - 1

Descriptor: Silica Dilution Blank 9-15-08

Analyte
Silica

mg/kg
<5.00