AGAT® Laboratories

WATER ANALYSIS

Container Identification	Laboratory Number
PB 7G	WE62245G

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
1-02/60-20-123-30	PARA ET AL MOUNT COTY 60-20-123-30	KB m 374.60 GRD m 369.10

Field or Area	Pool or Zone	Sampler's Company
MOUNT COTY	MATTSON	ALPINE

Test Type	Test No.	Test Recovery	Name of Sampler
DST	4		

Test Interval or Perfs		Sampling Point
1216.00-1240.00		1
mKB		

	Separator	Reservoir	Source	Sampled	Received
Pressure (kPa)					
Temperature (°C)					

Date Sampled	Date Received	Date Reported	Analyst
Nov 30, 2000	Dec 07, 2000	Dec 13, 2000	LN

Other Information

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	1520.0	0.276	66.1
K	135.0	0.025	3.5
Ca	105.0	0.019	2.6
Mg	34.5	0.006	1.4
Fe	150.0	0.027	2.7

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	156.0	0.028	4.4
HCO_3	1838.2	0.334	30.1
SO_4	1423.0	0.258	14.8
CO_3	147.0	0.027	2.4
OH	Nil	Nil	Nil

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	5508
Observed pH	8.97
H2S (25°C) mg/L	N/D
Relative Density (25°C)	1.006
Resistivity / OHM•m (25°C)	1.660
Salinity %	0.03

Total Cations	83.0	Total Anions	66.6

The ionic balance for this water exceeds 10%. The imbalance is caused by anions not analyzed for in the routine analysis.

Logarithmic Pattern mmol/L