



WATER ANALYSIS

Container Identification PB 6E		Previous Number WF62728C		Laboratory Number WF62805E		
Operator Name PARAMOUNT RESOURCES LTD.						
Unique Well Identifier I-02		Well Name PARA ET AL MOUNT COTY I-02			Elevation KB m 372.95 GRD m 367.90	
Field or Area MOUNT COTY		Pool or Zone MATTSON SAND		Sampler's Company SOLID PRODUCTION SERVICES		
Test Type	Test No.	Test Recovery			Name of Sampler	
Test Interval or Perfs 1059.00-1067.00 mKB		Sampling Point FRAC MANIFOLD		Separator	Reservoir	Source
				Pressure (kPa)	Sampled	Received
				Temperature (°C)		
Date Sampled Dec 18, 2000		Date Received Dec 20, 2000		Date Reported Dec 20, 2000		Analyst LN
Other Information TIME: 11:00 HRS						

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	1716.0	0.305	74.6
K	108.0	0.019	2.8
Ca	26.7	0.005	0.7
Mg	11.8	0.002	0.5
Fe	26.1	0.005	0.5

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	2233.0	0.397	63.0
HCO ₃	1302.9	0.232	21.4
SO ₄	200.0	0.036	2.1
CO ₃	Nil	Nil	Nil
OH	Nil	Nil	Nil

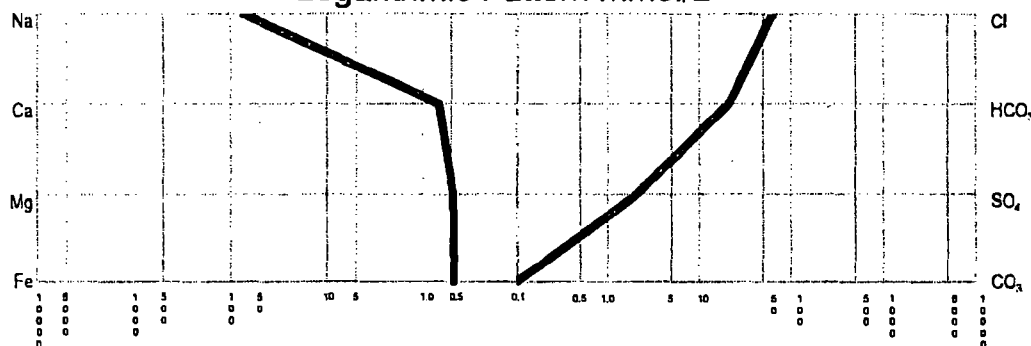
Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	5624
Observed pH	7.78
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.000
Resistivity / OHM·m (25°C)	1.320
Salinity ‰	0.40

Total Cations

Total Anions

Logarithmic Pattern mmol/L





WATER ANALYSIS

Container Identification
PB 7F

Previous Number	Laboratory Number
WF62728C	WF62805F

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation	
I-02	PARA ET AL MOUNT COTY I-02	KB m	372.95 GRD m 367.90

Field or Area	Pool or Zone	Sampler's Company
MOUNT COTY	MATTSON SAND	SOLID PRODUCTION SERVICES

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
1059.00-1067.00	FRAC MANIFOLD	Pressure (kPa)				
mKB		Temperature (°C)				

Date Sampled	Date Received	Date Reported	Analyst
Dec 18, 2000	Dec 20, 2000	Dec 20, 2000	LN

Other Information
TIME: 13:00 HRS

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	2332.0	0.322	101.4
K	112.0	0.015	2.9
Ca	30.9	0.004	0.8
Mg	11.7	0.002	0.5
Fe	9.4	0.001	0.2

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	3228.0	0.445	91.0
HCO ₃	1332.8	0.184	21.8
SO ₄	188.0	0.026	2.0
CO ₃	Nil	Nil	Nil
OH	Nil	Nil	Nil

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	7242
Observed pH	7.90
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.003
Resistivity / OHM-m (25°C)	0.971
Salinity ‰	0.58

Total Cations

Total Anions

Logarithmic Pattern mmol/L

