



N.E.B. COPY

Container Identification
PB 5E

Previous Number	Laboratory Number
WG63754K	WG63754E

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
N-01-60-10-123-15	PARA ET AL FORT LIARD N-01-60-10-123-15	KB m 492.10 GRD m 487.00

Field or Area	Pool or Zone	Sampler's Company
FORT LIARD	MATTSON	ALPINE

Test Type	Test No.	Test Recovery	Name of Sampler
DST	1		

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
1682.00-1691.00	5					
mKB		Pressure (kPa)				
		Temperature (°C)				

Date Sampled	Date Received	Date Reported	Analyst
Jan 07, 2001	Jan 12, 2001	Jan 15, 2001	LN

Other Information

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	1633.0	0.310	71.0
K	36.2	0.007	0.9
Ca	24.0	0.005	0.6
Mg	8.5	0.002	0.3
Fe	46.5	0.009	0.8

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	411.0	0.078	11.6
HCO ₃	1404.8	0.267	23.0
SO ₄	1566.0	0.298	16.3
CO ₃	132.3	0.025	2.2
OH	Nil	Nil	Nil

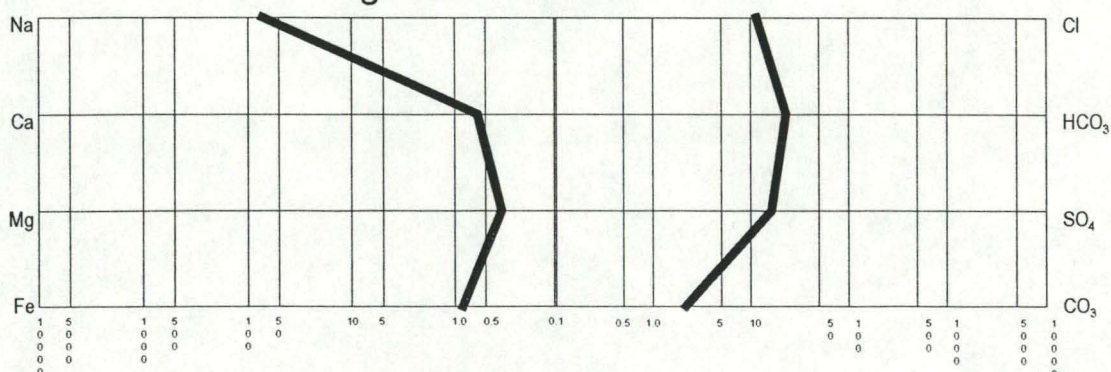
Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	5262
Observed pH	8.72
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.005
Resistivity / OHM·m (25°C)	1.720
Salinity %	0.07

Total Cations 75.5

Total Anions 69.4

Logarithmic Pattern mmol/L





WATER ANALYSIS

Container Identification		Previous Number		Laboratory Number	
PB 11K		WG63754E		WG63754K	
Operator Name					
PARAMOUNT RESOURCES LTD.					
Unique Well Identifier		Well Name		Elevation	
N-01-60-10-123-15		PARA ET AL FORT LIARD N-01-60-10-123-15		KB m 492.10 GRD m 487.00	
Field or Area		Pool or Zone		Sampler's Company	
FORT LIARD		MATTSON		ALPINE	
Test Type	Test No.	Test Recovery			Name of Sampler
DST	2				
Test Interval or Perfs		Sampling Point		Separator	Reservoir
1643.00-1648.00		5			
mKB				Source	Sampled
				Received	
Date Sampled		Date Received		Analyst	
Jan 07, 2001		Jan 12, 2001		LN	
Date Reported					
Jan 15, 2001					
Other Information					
REVERSED OUT					

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	1580.0	0.305	68.7
K	17.1	0.003	0.4
Ca	17.3	0.003	0.4
Mg	2.9	0.001	0.1
Fe	2.1	Trace	Trace

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	739.0	0.143	20.8
HCO ₃	896.7	0.173	14.7
SO ₄	1732.0	0.334	18.0
CO ₃	191.1	0.037	3.2
OH	Nil	Nil	Nil

Other Measurements

Measurement	Value
Mud Filtrate Loss mL	7.00
Total Dissolved Solids (Calculated) mg/L	5178
Observed pH	9.38
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.005
Resistivity / OHM·m (25°C)	1.810
Salinity %	0.13

Total Cations 70.3

Total Anions 74.8

Logarithmic Pattern mmol/L

