



N.E.B. COPY

WATER ANALYSIS

Container Identification
PB 10J

Laboratory Number
WG63754J

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	Source	Sampled	Received
1643.00-1648.00	4	Pressure (kPa)				
mKB		Temperature (°C)				

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

Other Information
REVERSED OUT

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	1455.0	0.312	63.3
K	16.6	0.004	0.4
Ca	14.6	0.003	0.4
Mg	2.5	0.001	0.1
Fe	1.8	Trace	Trace

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	493.0	0.106	13.9
HCO ₃	866.8	0.186	14.2
SO ₄	1714.0	0.367	17.8
CO ₃	102.9	0.022	1.7
OH	Nil	Nil	Nil

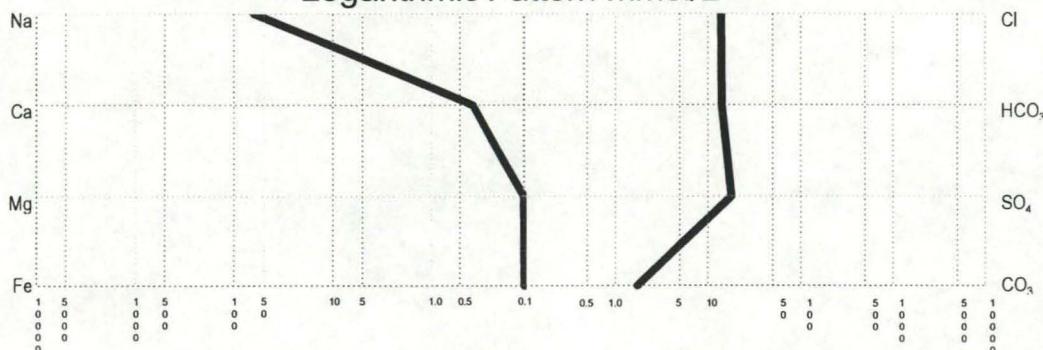
Other Measurements

Measurement	Value
Mud Filtrate Loss mL	7.25
Total Dissolved Solids (Calculated) mg/L	4667
Observed pH	8.98
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.005
Resistivity / OHM·m (25°C)	1.950
Salinity %	0.09

Total Cations 64.6

Total Anions 65.5

Logarithmic Pattern mmol/L





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Container Identification
PB 4D

Previous Number	Laboratory Number
WG63754J	WG63754D

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	4					
mKB		Pressure (kPa)				
		Temperature (°C)				

Date Sampled	Date Received	Date Reported	Analyst
Jan 07, 2001	Jan 12, 2001	Jan 16, 2001	LN

Other Information

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	1670.0	0.287	72.6
K	34.7	0.006	0.9
Ca	27.5	0.005	0.7
Mg	8.5	0.001	0.3
Fe	35.5	0.006	0.6

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	411.0	0.071	11.6
HCO ₃	1688.8	0.290	27.7
SO ₄	1895.0	0.326	19.7
CO ₃	44.1	0.008	0.7
OH	Nil	Nil	Nil

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	5815
Observed pH	8.43
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.005
Resistivity / OHM·m (25°C)	1.490
Salinity %	0.07

Total Cations 76.9

Total Anions 79.5

Logarithmic Pattern mmol/L

