



N.E.B. COPY

WATER ANALYSIS

Container Identification
PB 6F

Laboratory Number
WG63754F

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	MUD TANK					
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	1643.0	0.329	71.5
K	15.3	0.003	0.4
Ca	13.7	0.003	0.3
Mg	2.2	Trace	0.1
Fe	1.9	Trace	Trace

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	328.0	0.066	9.3
HCO ₃	881.8	0.177	14.5
SO ₄	1649.0	0.330	17.2
CO ₃	455.7	0.091	7.6
OH	Nil	Nil	Nil

Other Measurements

Measurement	Value
Mud Filtrate Loss mL	7.00
Total Dissolved Solids (Calculated) mg/L	4990
Observed pH	9.62
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.005
Resistivity / OHM·m (25°C)	1.800
Salinity %	0.06

Total Cations 72.7

Total Anions 65.6

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

