



WATER ANALYSIS

003 - 6

CONTAINER IDENTITY

METER ID

1861

WELL LICENSE NUMBER

52136-2003-0125

LABORATORY FILE NUMBER

Paramount Resources Ltd.

OPERATOR

PAGE

Para et al Fort Liard I-46

543.0
KB ELEV (m)537.5
GR ELEV (m)

LOCATION (UWI)

WELL NAME

Fort Liard

Upper Mattson

Opsco Energy

FIELD OR AREA

POOL OR ZONE

SAMPLER

TEST TYPE AND NO.

TEST RECOVERY

Manifold

POINT OF SAMPLE

CORE LAB SAMPLE POINT ID

PUMPING

FLOWING

GAS LIFT

SWAB

1616.0 - 1619.0

WATER

m³/d

OIL

m³/d

GAS

m³/d

TEST INTERVAL or PERFS (meters)

SEPARATOR

RESERVOIR

OTHER

CONTAINER
WHEN SAMPLEDCONTAINER
WHEN RECEIVED

SEPARATOR

OTHER

at 11:05 hrs

Pressures, kPa (gauge)

Temperatures, °C

2003 01 06

2003 01 16

2003 01 22

SB

DATE SAMPLED (Y/M/D)

DATE RECEIVED (Y/M/D)

DATE ANALYZED (Y/M/D)

ANALYST

AMT. AND TYPE CUSHION

MUD RESISTIVITY

CATIONS

ANIONS

Total Dissolved Solids
(mg/L)

ION	mg/L	mg Fraction	meq/L
Na	3,879	0.3583	168.7
K	240	0.0222	6.1
Ca	64	0.0059	3.2
Mg	17	0.0016	1.4
Ba			
Sr			
Fe	N.D.		
Mn			

ION	mg/L	mg Fraction	meq/L
Cl	4,826	0.4457	136.1
Br			
I			
HCO ₃	1,503	0.1388	24.6
SO ₄	298	0.0275	6.2
CO ₃	0.00	0.0000	0.0
OH	0.00	0.0000	0.0
H ₂ S	N.D.		

By Evaporation @ 110 °C

By Evaporation @ 180 °C

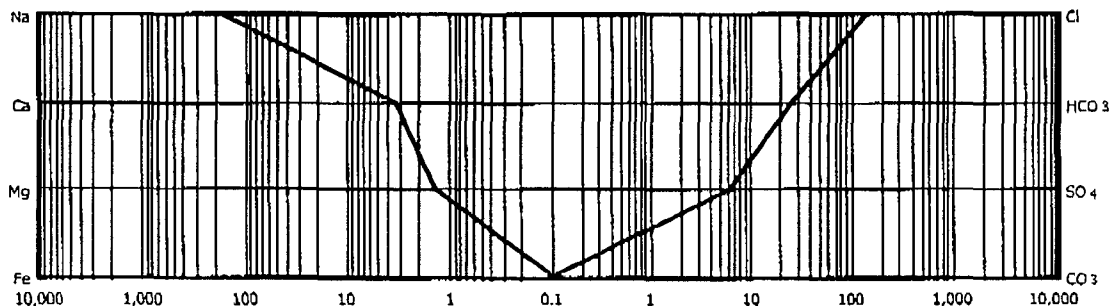
10827

At Ignition

Calculated

1.0093 @ 15.6 °C
Specific Gravity1.3351 @ 19 °C
Refractive Index7.6
pH0.621 @ 25 °C
Resistivity (Ohm-Meters)

LOGARITHMIC PATTERNS OF DISSOLVED IONS meq/L



REMARKS: N.D.- Not Detected.