

**AGA****Laboratories**

CALGARY

— EDMONTON

— GRANDE PRAIRIE

**WATER ANALYSIS****OTTAWA COPY**

CONTAINER IDENTIFICATION

PB#1

WG1766A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

ELEVATIONS
KB m GRD m

PARAMOUNT et al CAMERON C-19

786.3

784.3

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

NWT

SULPHUR POINT

BAKER

TEST TYPE

NO

TEST RECOVERY

DST

1

269m

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/Ω m

BHS

@ 25° C

TEST INTERVAL OR PERFS

1439.0-1457.0
mKB

TYPE OF PRODUCTION

PUMPING

FLOWING

GAS LIFT

SWAB

PRODUCTION RATES

WATER

m³/d

OIL

m³/d

GAS

10³ m³/d

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

GAUGE PRESSURE kPa

TEMPERATURE °C

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

91-02-24

91-03-01

91-03-08

C

ION	mg/L	MASS FRACTION	mmol/L
Na	31200.0	0.281	1360.0
K	946.0	0.009	24.2
Ca	6480.0	0.058	162.0
Mg	1390.0	0.013	57.2
Ba	N.A.	N.A.	N.A.
Sr	N.A.	N.A.	N.A.
Fe	2.0	TRC*	TRC+

ION	mg/L	MASS FRACTION	mmol/L
Cl	69000.0	0.621	1950.0
Br	N.A.	N.A.	N.A.
I	N.A.	N.A.	N.A.
HCO ₃	654.0	0.006	10.7
SO ₄	1040.0	0.009	10.8
CO ₃	NIL	NIL	NIL
OH	NIL	NIL	NIL
H ₂ S	483.0	0.004	14.2

DISSOLVED

TOTAL SOLIDS

mg/L

EVAPORATED AT 110° C

EVAPORATED AT 180° C

AT IGNITION

CALCULATED

111000.0

RELATIVE DENSITY

REFRACTIVE INDEX

1.077@ 25° C

N.A. @ 25° C

OBSERVED pH

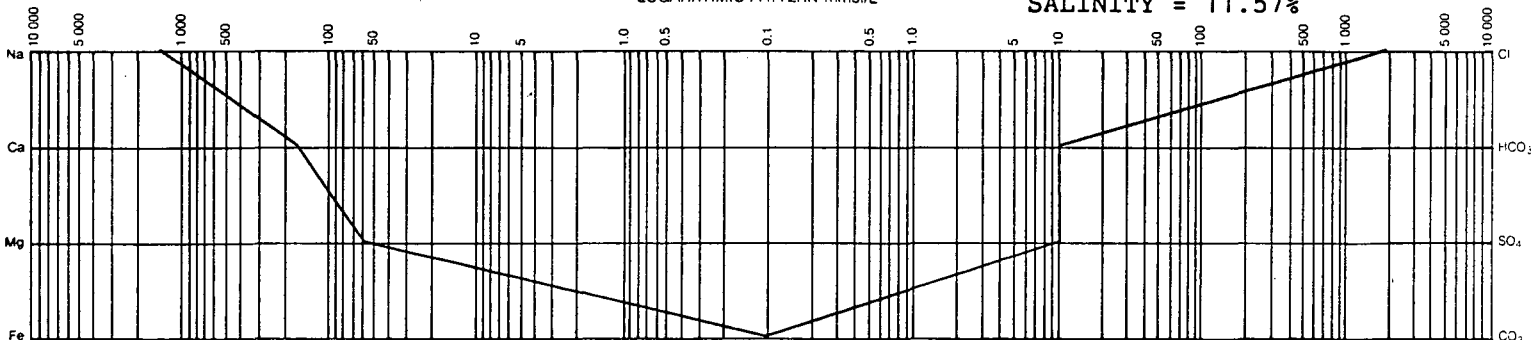
RESISTIVITY/Ωm •m

6.68 @ 25° C

0.08 @ 25° C

60-08-07.253/117-32-08.031

LOGARITHMIC PATTERN mmol/L

SALINITY = 11.57%

REMARKS:

TRC+= LESS THAN 0.1 N.D.= NOT DETECTED NIL= 0.0 TRC*= LESS THAN 0.001 N.A.= NOT ANALYZED

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA
MAR 15 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTRÔLE