



WATER ANALYSIS

CONTAINER IDENTIFICATION PB#5		LABORATORY NUMBER W5385A	
OPERATOR NAME PARAMOUNT RESOURCES LTD.			
UNIQUE WELL IDENTIFIER PARAMOUNT et al CAMERON C-19		*****	
FIELD OR AREA CAMERON		WELL NAME PARAMOUNT et al CAMERON C-19	
POOL OR ZONE KEG RIVER		NAME OF SAMPLER SAME	
TEST TYPE NO		TEST RECOVERY	
SAMPLING POINT SWAB		AMT & TYPE OF CUSHION	
TEST INTERVAL OR PERFS 1549.0-1555.5 mKB		MUD RESISTIVITY/Ω m @ 25° C	
TYPE OF PRODUCTION PUMPING		FLOWING	
GAS LIFT		SWAB	
PRODUCTION RATES			
WATER m ³ /d		OIL m ³ /d	
GAS 10 ³ m ³ /d			
SEPARATOR		TREATER	
RESERVOIR		SOURCE	
SAMPLED		RECEIVED	
GAUGE PRESSURE kPa			
TEMPERATURE °C			
DATE SAMPLED (Y-M-D) 91-03-17		DATE RECEIVED (Y-M-D) 91-03-26	
DATE REPORTED (Y-M-D) 91-04-02		ANALYST CH	
OTHER INFORMATION 60 08'N 117 32'W			

ION	mg/L	MASS FRACTION	mmol/L
Na	23000.0	0.109	999.0
K	4140.0	0.020	106.0
Ca	44800.0	0.212	1120.0
Mg	6140.0	0.029	253.0
Ba	N.A.	N.A.	N.A.
Sr	N.A.	N.A.	N.A.
Fe	828.0	0.004	14.8

ION	mg/L	MASS FRACTION	mmol/L
Cl	132000.0	0.625	3710.0
Br	N.A.	N.A.	N.A.
I	N.A.	N.A.	N.A.
HCO ₃	NIL	NIL	NIL
SO ₄	330.0	0.002	3.4
CO ₃	NIL	NIL	NIL
OH	NIL	NIL	NIL
H ₂ S	N.D.	N.D.	N.D.

DISSOLVED

TOTAL SOLIDS mg/L

EVAPORATED AT 110° C

EVAPORATED AT 180° C

AT IGNITION

CALCULATED

RELATIVE DENSITY

REFRACTIVE INDEX

1.163 @ 25° C

N.A. @ 25° C

OBSERVED pH

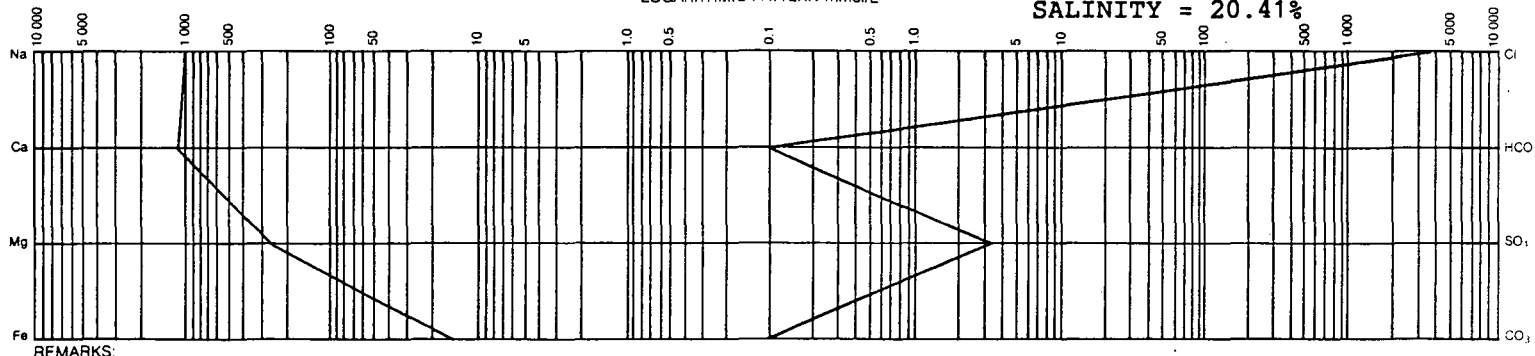
RESISTIVITY/Ωm *m

3.61 @ 25° C

0.05 @ 25° C

LOGARITHMIC PATTERN mmol/L

SALINITY = 20.41%



REMARKS:
TRC+= LESS THAN 0.1 N.D.= NOT DETECTED NIL= 0.0 TRC*= LESS THAN 0.001 N.A.= NOT ANALYZED
MINERAL ACID ACIDITY IS EQUAL TO 37.0 G/M3 AS CALCIUM CARBONATE

CANADA OIL AND GAS
ADMINISTRATION
BUREAU DE L'ÉNERGIE ET DU
GAZ DES TERRES DU CANADA
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ENGINEERING AND CONTROL
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