



CORE LABORATORIES - CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS



File 933-1606 Page 1 of 2

Company Bluemount Resources Ltd.

Well Bluemount et al Beavercrow YF B-16 K.B. 3781' Grd. 3767'
60 05' 03.60 N.L.

Location 125 17' 48.00 W.L. Field Beavercrow Area Province Yukon

Formation Middle Devonian Interval 7469' - 7508'

Sampled from DST #2 (Last of Flow) by _____

Date sampled May 7/71 Date analysed May 27/71 Analyst LK

Recovery Tool Recovery: 2000 mls water

_____ Mud type _____ Water cushion _____

Total Solids:

Resistivity 16.3 Ohm-meters @ 77 °F Calculated 471 mg/liter

Specific gravity 1.0008 @ 60°F By evaporation @ 110°C - mg/liter

pH 8.0 H₂S Absent By evaporation @ 180°C - mg/liter

Refractive Index 1.333 @ 77°F At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
30	77	19	Pres.	-	-	-	23	151	171	Nil	Nil

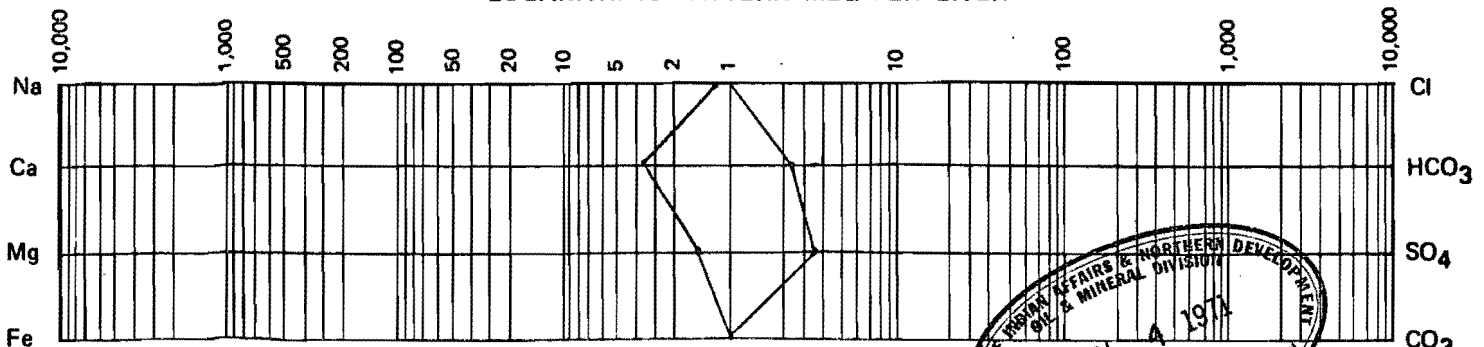
PER CENT CALCULATED SOLIDS

6.4	16.3	4.0	Pres.	-	-	-	4.9	32.1	36.3	.0	.0
-----	------	-----	-------	---	---	---	-----	------	------	----	----

MEQ PER LITER

1.3	3.8	1.6	Pres.	-	-	-	.6	2.5	3.6	.0	.0
-----	-----	-----	-------	---	---	---	----	-----	-----	----	----

LOGARITHMIC PATTERN MEQ PER LITER



291. 30.0





CORE LABORATORIES - CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS



File 933-1606 Page 2 of 2

Company Bluemount Resources Ltd.

Well Bluemount et al Beavercrow YT B-16 K.B. 3781' Grd. 3767'
60 05' 03.60 N.L.

Location 125 17' 48.00 W.L. Field Beavercrow Area Province Yukon

Formation Middle Devonian Interval 7169' - 7450'

Sampled from DST #4 (4680' - Last of Flow) by _____

Date sampled May 8/71 Date analysed May 27/71 Analyst LK

Recovery Tool Recovery: 2500 mls water

_____ Mud type _____ Water cushion _____

Total Solids:

Resistivity 36.1 Ohm-meters @ 77 °F Calculated 243 mg/liter

Specific gravity 1.0007 @ 60°F By evaporation @ 110°C - mg/liter

pH 7.8 H₂S Absent By evaporation @ 180°C - mg/liter

Refractive Index 1.333 @ 77°F At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
44	28	3	Pres.	-	-	-	56	93	19	Nil	Nil

PER CENT CALCULATED SOLIDS

18.1	11.5	1.2	Pres.	-	-	-	23.0	38.3	7.8	.0	.0
------	------	-----	-------	---	---	---	------	------	-----	----	----

MEQ PER LITER

1.9	1.4	.2	Pres.	-	-	-	1.6	1.5	.4	.0	.0
-----	-----	----	-------	---	---	---	-----	-----	----	----	----

LOGARITHMIC PATTERN MEQ PER LITER

