

**WATER ANALYSIS**  
**FOR**  
**BLUEMOUNT RESOURCES LTD.**  
**BLUEMOUNT ET AL BEAVERCROW YT B-16**  
**BEAVERCROW AREA**  
**YUKON TERRITORIES**

**CORE LABORATORIES - CANADA LTD.**

*Petroleum Reservoir Engineering*

**CALGARY - EDMONTON - REGINA**



# CORE LABORATORIES - CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

## WATER ANALYSIS



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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 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	<u>16.3</u>	Ohm-meters @	<u>77</u>	°F	Calculated	<u>471</u>	mg/liter
Specific gravity	<u>1.0008</u>	@	<u>60</u>	°F	By evaporation @ 110°C	<u>-</u>	mg/liter
pH	<u>8.0</u>	H <sub>2</sub> S	<u>Absent</u>		By evaporation @ 180°C	<u>-</u>	mg/liter
Refractive Index	<u>1.333</u>	@	<u>77</u>	°F	At ignition	<u>-</u>	mg/liter

### MILLIGRAMS PER LITER

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

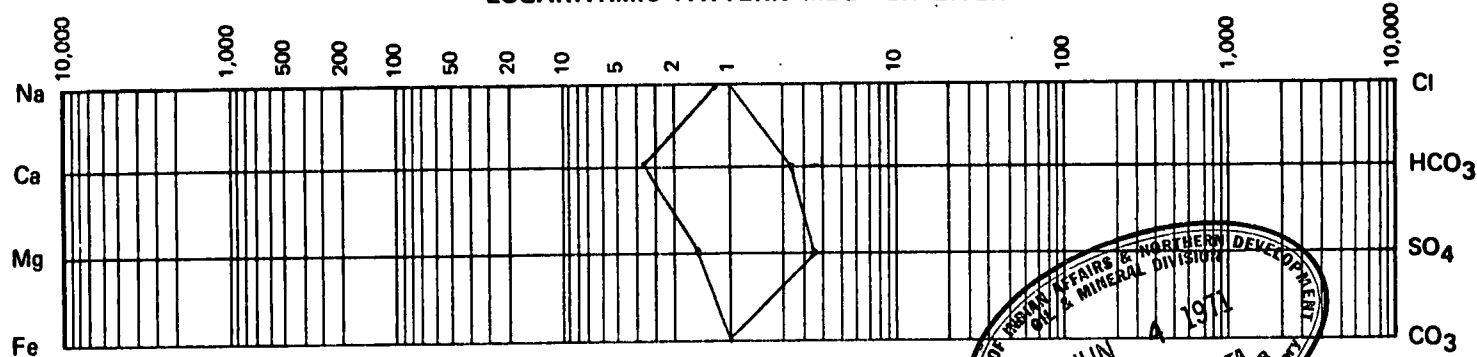
### PER CENT CALCULATED SOLIDS

6.4	16.3	4.0	Pres.	-	-	-	4.9	32.1	36.3	.0	.0
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### MEQ PER LITER

1.3	3.8	1.6	Pres.	-	-	-	.6	2.5	3.6	.0	.0
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### LOGARITHMIC PATTERN MEQ PER LITER





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PETROLEUM RESERVOIR ENGINEERING

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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 H<sub>2</sub>S 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 <sub>3</sub>	SO <sub>4</sub>	CO <sub>3</sub>	OH
44	28	3	Pres.	-	-	-	56	93	19	Nil	Nil

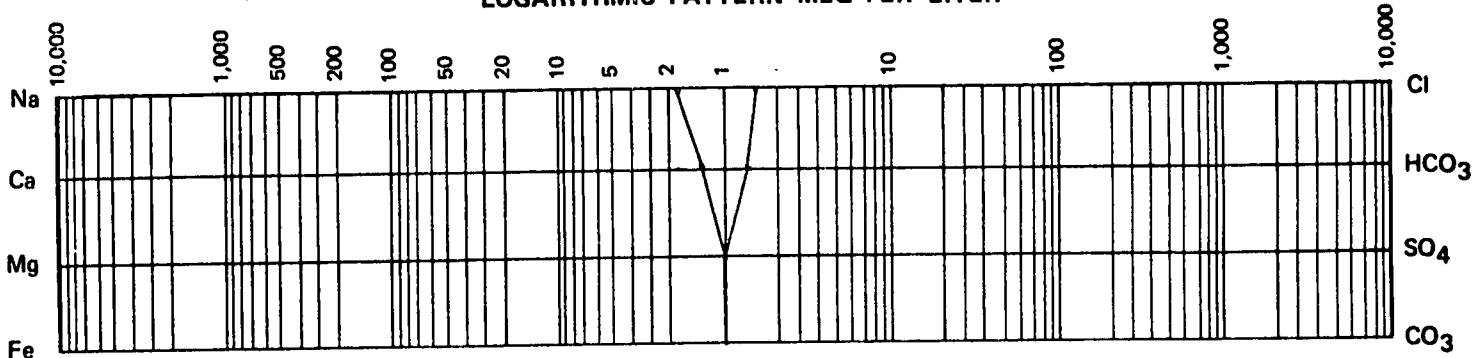
PER CENT CALCULATED SOLIDS

18.1	11.5	1.2	Pres.	-	-	-	23.0	38.3	7.8	.0	.0
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MEQ PER LITER

1.9	1.4	.2	Pres.	-	-	-	1.6	1.5	.4	.0	.0
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LOGARITHMIC PATTERN MEQ PER LITER



168. 44.0