

**FLUID ANALYSES**  
**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**



Company Bluemount Resources Ltd. Page 1 of 3  
933-1583  
 Well Bluemount et al Beavercrow YT B-16 File 921-1370  
 Field Beavercrow Area, Yukon Territories Analyst RT  
60 05'03.60 N.L.  
 Location 125 17'48.00 W.L. Elevation: K.B. 3781' Grd. 3767'  
 Formation Middle Devonian Depth 7469' - 7508'  
 Sampled from DST #2 (Top of Tool) by \_\_\_\_\_  
 Sampling pressure \_\_\_\_\_ psig Sampling temp. \_\_\_\_\_ °F Ambient temp. \_\_\_\_\_ °F  
 Date sampled May 7/71 Date received May 11/71 Date analysed May 12/71  
 Container pressure \_\_\_\_\_ Mud \_\_\_\_\_ Water cushion \_\_\_\_\_  
 Recovery or flowrate: \_\_\_\_\_

Analysis

Benzene - Less than 0.05 ppm Vol/Vol.





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WATER ANALYSIS



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Company Bluemount Resources Ltd.

Well Bluemount et al Beavercrow YT B-16 K.B. 3781' Grd. 3767'

Location 60 05'03.60 N.L. 125 17'48.00 W.L. Field Beavercrow Area Province Yukon

Formation Middle Devonian Interval 7469' - 7508'

Sampled from DST #2 (Top of Tool - 7440' KB) by

Date sampled May 7/71 Date analysed May 18/71 Analyst LK

Recovery

Mud type Water cushion

Resistivity 17.1 Ohm-meters @ 68 of Specific gravity 1.0006 @ 60F pH 7.40 H2S Absent Refractive Index 1.333 @ 68F Total Solids: Calculated 458 mg/liter By evaporation @ 110C - mg/liter By evaporation @ 180C - mg/liter At ignition - mg/liter

MILLIGRAMS PER LITER

Table with 12 columns: Na + K, Ca, Mg, Fe, Ba, Br, I, Cl, HCO3, SO4, CO3, OH. Values: 9, 94, 15, Pres., Abs., -, -, 12, 190, 138, Nil, Nil

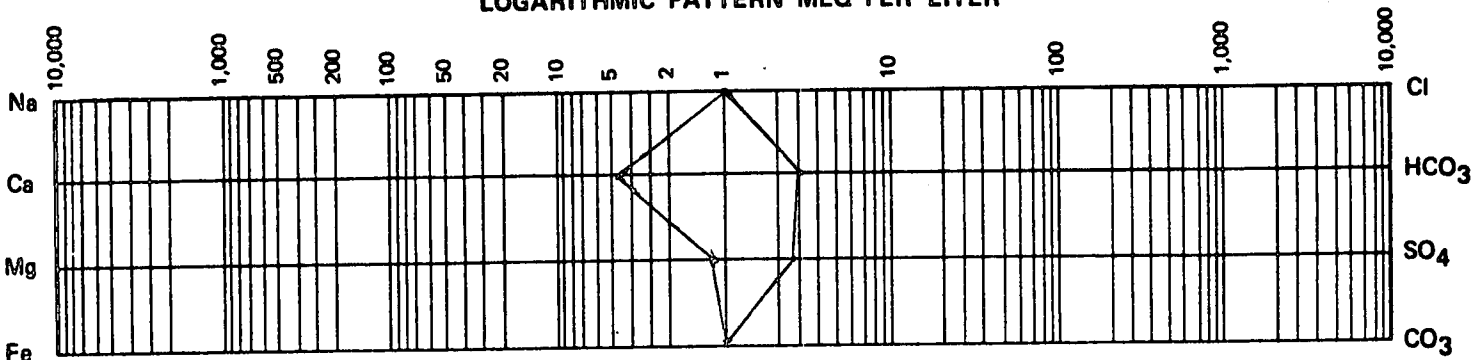
PER CENT CALCULATED SOLIDS

Table with 12 columns: Na + K, Ca, Mg, Fe, Ba, Br, I, Cl, HCO3, SO4, CO3, OH. Values: 2.0, 20.5, 3.3, Pres., Abs., -, -, 2.6, 41.5, 30.1, .0, .0

MEQ PER LITER

Table with 12 columns: Na + K, Ca, Mg, Fe, Ba, Br, I, Cl, HCO3, SO4, CO3, OH. Values: .4, 4.7, 1.2, Pres., Abs., -, -, .3, 3.1, 2.9, .0, .0

LOGARITHMIC PATTERN MEQ PER LITER





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PETROLEUM RESERVOIR ENGINEERING

## WATER ANALYSIS



933-1583

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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 7169' - 7450'

Sampled from DST #4 (Top of Tool) by \_\_\_\_\_

Date sampled May 7/71 Date analysed May 18/71 Analyst LK

Recovery 4680' Liquid.

Mud type \_\_\_\_\_ Water cushion \_\_\_\_\_

### Total Solids:

Resistivity	<u>48.2</u>	Ohm-meters @	<u>66</u>	°F	Calculated	<u>156</u>	mg/liter
Specific gravity	<u>1.0002</u>	@ 60°F			By evaporation @ 110°C	<u>-</u>	mg/liter
pH	<u>7.5</u>	H <sub>2</sub> S	<u>Absent</u>		By evaporation @ 180°C	<u>-</u>	mg/liter
Refractive Index	<u>1.333 @ 66°F</u>			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
12	27	3	Pres.	-	-	-	12	102	0	Nil	Nil

### PER CENT CALCULATED SOLIDS

7.7	17.3	1.9	Pres.	-	-	-	7.7	65.4	.0	.0	.0
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### MEQ PER LITER

.5	1.3	.2	Pres.	-	-	-	.3	1.7	.0	.0	.0
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### LOGARITHMIC PATTERN MEQ PER LITER

