



CORE LABORATORIES – CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



Company Bluemount Resources Ltd. Page 1 of 4
 Well Bluemount et al Beavercrow YT B-16 File 933-1545
 Field Beavercrow, Yukon Analyst DR RT
60 05'03.60 N.L.
 Location 125 17'48.00 W.L. Elevation: K.B. _____ Grd. 3,760'
 Formation _____ Depth _____
 Sampled from Tool No. LUS 13 by Lynes United Services
 Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F
 Date sampled _____ Date received May 1/71 Date analysed May 1/71
 Container pressure 20 psig Mud _____ Water cushion _____
 Recovery or flowrate: 50 cc Gas Cap in Tool

O2 & N2	100%
CO2	Trace
Hydrocarbon	Nil
Benzene	Less than 0.05 ppm Vol/Vol
Toluene	Less than 0.1 ppm Vol/Vol



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WATER ANALYSIS



933-1545

File 921-1334 Page 2 of 4

Company Bluemount Resources Ltd.

Well Bluemount et al Beavercrow YT B-16 K.B. _____ Grd. 3,760'
60 05'03.60 N.L.

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

Formation _____ Interval _____

Sampled from Tool No. LUS 513 by Lynes United Services

Date sampled _____ Date analysed May 13/71 Analyst LK

Recovery Tool Recovery: 1800 cc Water and Mud

Mud type _____ Water cushion _____

Total Solids:

Resistivity 16.1 Ohm-meters @ 72 °F Calculated 543 mg/liter

Specific gravity 1.0000 @ 60°F By evaporation @ 110°C - mg/liter

pH 8.3 H₂S Absent By evaporation @ 180°C - mg/liter

Refractive Index 1.333 @ 72°F At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
32	91	15	Trace	-	-	-	12	322	71	Nil	Nil

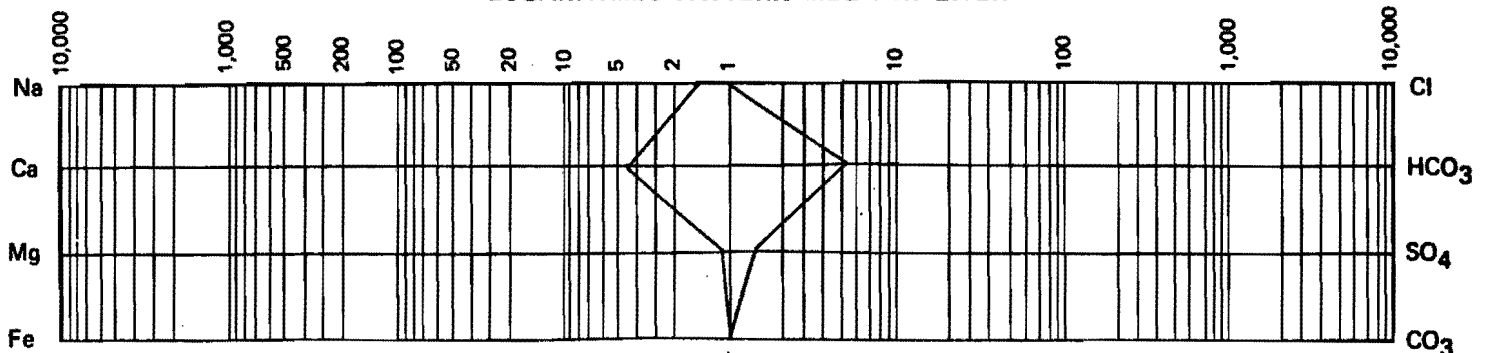
PER CENT CALCULATED SOLIDS

5.9	16.8	2.8	Trace	-	-	-	2.2	59.3	13.1	.0	.0
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MEQ PER LITER

1.4	4.5	1.2	Trace	-	-	-	.3	5.3	1.5	.0	.0
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LOGARITHMIC PATTERN MEQ PER LITER





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WATER ANALYSIS



933-1545

File 921-1334 Page 3 of 4

Company Bluemount Resources Ltd.

Well Bluemount et al Beavercrow YT B-16 K.B. Grd. 3,760'
60 05'03.60 N.L.

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

Formation Interval

Sampled from DST #1 (Mud Tank) by Lynes United Services

Date sampled Apr. 29/71 Date analysed May 13/71 Analyst LK

Recovery 4160' Liquid

Mud type Water cushion

Total Solids:

Resistivity 16.9 Ohm-meters @ 72 °F Calculated 86 mg/liter

Specific gravity 1.0001 @ 60°F By evaporation @ 110°C - mg/liter

pH 7.2 H₂S Absent By evaporation @ 180°C - mg/liter

Refractive Index 1.333 @ 72°F At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
12	8	4	Trace	-	-	-	18	44	.0	Nil	Nil

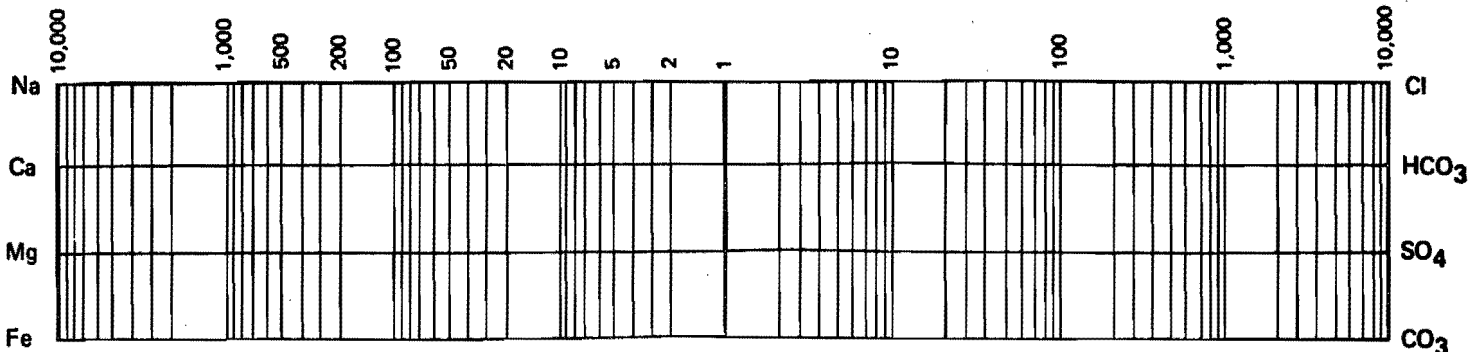
PER CENT CALCULATED SOLIDS

14.0	9.3	4.7	Trace	-	-	-	20.9	51.2	.0	.0	.0
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MEQ PER LITER

.5	.4	.3	Trace	-	-	-	.5	.7	.0	.0	.0
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LOGARITHMIC PATTERN MEQ PER LITER



58. 12.0

CORE LABORATORIES-CANADA LTD.

Company: Bluemount Resources Ltd.
Well: Bluemount et al Beavercrow YT B-16
Field: Beavercrow, Yukon

Page: 4 of 4
File: 933-1545
921-1334
Date: May 13/71

Analysis

<u>Sampled From</u>	<u>Potassium ppm</u>	<u>Lithium ppm</u>	<u>Strontium ppm</u>	<u>Chloride ppm</u>	<u>Resistivity @ 72°F</u>	<u>Barium ppm</u>
Mud Tank	9.1	ND	ND	17.53	16.9	*
Tool	6.7	0.02	0.6	11.68	16.1	*
1600'	10.9	0.36	1.6	23.37	15.1	*
2600'	5.6	0.10	0.6	11.68	16.0	*
3650'	5.9	0.03	0.6	11.68	16.6	*
4700'	6.0	0.04	0.5	11.68	16.9	*

ND - Not Detected

* - Less than 2 ppm