

ASSESSMENT REPORT FOR BLUE GOOSE #6 MINING CLAIM
(PART OF BLUE GOOSE GROUP)
GOLDEN MINING DIVISION

NTS Grid Ref.: 770 954 - 82J/12
Latitude: 50° 30' 29" N
Longitude: 115° 54' 53" W

Owned by: Westroc Industries Limited
2650 Lakeshore Road West
Mississauga, Ontario
L5J 1K4

Operated by: Same

Author: Graham G. Clow, P.Eng.
Mining Engineer

Date: June 26, 1980

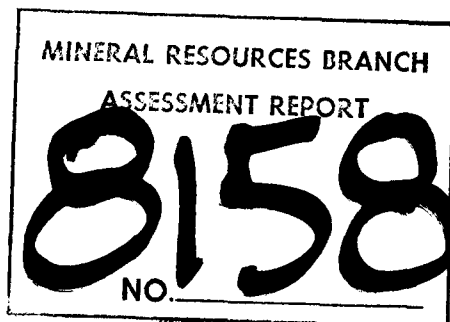


TABLE OF CONTENTS

	<u>Page</u>
A. Introduction	1
B. Summary of Work Done	2
C. Details of Diamond Drilling	3
D. Itemized Cost Statement	4
E. Author's Qualifications	5
F. Appendix 1 - Diamond Drill Logs	6
G. Appendix 2 - Assay Results	12

Map Pocket: Map 1 - Index Map
Blue Goose #6 MC in Blue Goose Group

Westroc Drawing #31-005-2031
Blue Goose Group - Burnais Draw Drill Holes

INTRODUCTION

Blue Goose #6 mining claim is part of the Blue Goose group of claims owned by Westroc Industries Limited. The group is located on the north side of the Windermere Creek Valley. Access to the group is by a 13 km private haulage road from B.C. Provincial Highway 95/93. The claim is located on the western side of group and is the only non-Crown Granted claim within the 38 claims composing the group. Map 1 (Index Map) shows the situation of Blue Goose #6 in relation to the Blue Goose group.

Westroc Industries Limited operates a gypsum quarry located within the Blue Goose group. The quarry has been in production since 1946 and is currently producing approximately 680,000 tonnes of gypsum per year.

The work which is being submitted to fulfill the assessment requirements for Blue Goose #6 was actually performed on Blue Hawk #6 L16176 of the Blue Goose group.

SUMMARY OF WORK DONE

Drilling: Hole size - 50 mm
Number of holes - 5
Total metres drilled - 177 M.

DETAILS OF DIAMOND DRILLING

The location of the diamond drill holes which are being submitted for credit are shown on Map #31-005-2031 which is included in the folder at the back of this report. The logs of the five holes and the assay results are included in Appendix 1. The logging was done by the Drill Foreman, J. Denby, and checked by the author.

The purpose of the drilling was to investigate the presence of numerous small sinkholes running along the crest of a ridge immediately above the deposit which is presently being mined. These sinkholes are of the type which are known in this area to indicate the presence of gypsum.

The results of the drilling show that gypsum does occur in a deposit which becomes progressively thicker from east to west. The sequence established by the drilling - light overburden cover - gypsum - anhydrite, is the same as that in the current quarry. The natural assumption, therefore, is that this is a continuation of the deposit being mined which, because it does not follow the strike of the deposit, has probably been faulted to the east.

Much more work is required before tonnage figures can be applied to this occurrence, however preliminary assessment indicates that due to the inaccessible location of the gypsum (1,750 M. elevation), it is not economically recoverable at current price levels.

The core for holes BD-1 to BD-5 is located in the core shed on Westroc Industries' property at Windermere, British Columbia.

ITEMIZED COST STATEMENT

Labour Cost

Period	August 7, 1979 - September 7, 1979
Number of Work Days	23
Total Manhours	336.3
Cost per Manhour	\$10.11 (includes charges for benefits)
Total Labour Cost	<u>\$3,399.99</u>

Material Cost (includes drill maintenance and drilling supplies)

Cost per Meter	\$14.71 per meter drilled
Total Material Cost	<u>\$2,603.67</u>

Sampling Cost

Number of Samples	72
Westroc Sampling Cost	\$20.00 per sample (includes cutting, grinding, and assaying)
Total Sampling Cost	<u>\$1,440.00</u>

TOTAL EXPENSES	<u><u>\$7,443.66</u></u>
----------------	--------------------------

AUTHOR'S QUALIFICATIONS

The author is a Registered Professional Engineer in British Columbia and Ontario. He holds a Bachelor of Science in Mining Engineering and a Bachelor of Science in Geological Engineering from Queen's University. He has been employed for the past six years in the Mining Industry in British Columbia, the North West Territories, Saskatchewan, and Ontario.

APPENDIX 1 - DIAMOND DRILL LOGS

WESTROC INDUSTRIES LIMITED

BOREHOLE LOG

PRIVATE & CONFIDENTIAL

9/14/79

LOCATION Windermere - Burnais Draw
 SECTION/LOT _____ TWP. _____ RANGE _____ PROV. _____
 ELEVATION _____ ANGLE/DIRECTION _____ 90°
 GRID REFERENCE _____
 DATE STARTED Aug. 7 DATE COMPLETED Aug. 15
 DRILLED BY Polier LOGGED BY Denby

BOREHOLE NUMBER BD 1 DEPTH OF CASING 7'
 DEPTH OF HOLE 178'

DEPTH		THICKNESS	DESCRIPTION
FROM	TO		
0	7'	7'	broken gypsum
7'	27'	20'	layered gypsum washing away 1 ft. of core
27'	37'	10'	" " " " "
37'	47'	10'	" " " " 7ft. "
47'	50'	3'	" " " " 1'6" "
50'	57'	7'	" " " " 3ft. "
57'	60'	3'	clay with small layer of gypsum
60'	67'	7'	gypsum
67'	71'	4'	gypsum bands of clay
71'	72'	1'	clay no core
72'	78'	6'	gypsum
78'	88'	10'	gypsum
88'	98'	10'	gypsum
98'	108'	10'	gypsum
108'	118'	10'	gypsum
118'	128'	10'	gypsum
128'	133'	5'	gypsum
133'	135'	2'	clay, 6" of recovery
135'	140'	5'	gypsum
140'	144'	4'	gypsum
144'	148'	4'	limestone
148'	178'	30'	broken limestone and clay, very little recovery

WESTROC INDUSTRIES LIMITED

BOREHOLE LOG

PRIVATE & CONFIDENTIAL

LOCATION Windermere - Burnais Draw
 SECTION/LOT _____ TWP. _____ RANGE _____ PROV. _____
 ELEVATION _____ ANGLE/DIRECTION _____ 90°
 GRID REFERENCE _____
 DATE STARTED Aug. 16/79 DATE COMPLETED Aug. 22/79
 DRILLED BY Hunt LOGGED BY Denby

BOREHOLE NUMBER

BD2

DEPTH OF CASING 0

DEPTH OF HOLE 158

DEPTH		THICKNESS	DESCRIPTION
FROM	TO		
			Set up on gypsum top of formation is layered and washes away, resulting in loss of core
0	15'	15'	no recovery
15'	23'	8'	soft gypsum 5 ft. of core recovered
23'	37'	14'	" " "
37'	47'	10'	gypsum
47'	57'	10'	gypsum
57'	67'	10'	gypsum
67'	77'	10'	gypsum
77'	87'	10'	gypsum
87'	97'	10'	gypsum bands of limestone
97'	99'	2'	gypsum, bands of anhydrite
99'	107'	8'	anhydrite
107'	117'	10'	anhydrite
117'	127'	10'	anhydrite
127'	137'	10'	anhydrite
137'	147'	10'	anhydrite
147'	158'	11'	anhydrite

APPENDIX 2 - ASSAY RESULTS

WESTERN GYPSUM LTD.

9/17/79

BOREHOLE CHEMICAL ANALYSIS

BOREHOLE NUMBER			Windermere - Burnais Draw							BD 1
SAMPLE NO.	DEPTH		THICK-NESS	GYPSUM	INSOL. ANHYD.	INSOL. IN HCL	CaCO ₃	MgCO ₃	TOTAL	Cl
	FROM	TO								
1	7'	39'	32'	75.26						
2	39'	46'	7'	86.10						
3	46'	50'	4'	92.21						
4	50'	57'	7'	93.36						
5	60'	63'	3'	90.20						
6	63'	67'	4'	91.54						
7	67'	71'	4'	74.03						
8	72'	78'	6'	86.33						
9	78'	83'	5'	90.68						
10	83'	88'	5'	91.06						
11	88'	93'	5'	91.81						
12	93'	98'	5'	92.83						
13	98'	103'	5'	91.64						
14	103'	108'	5'	92.31						
15	108'	113'	5'	91.64						
16	113'	118'	5'	90.13						
17	118'	123'	5'	89.97						
18	123'	128'	5'	93.02						
19	128'	133'	5'	92.88						
20	135'	140'	5'	89.77						
21	140'	144'	4'	91.26						
COMPOSITE SAMPLES										
A	7'	50'	43'	80.03	7.86	1.10	5.48	4.56	99.03	.00
B	50'	67'	17'	92.45	2.47	0.88	2.39	1.57	99.76	.00
C	67'	78'	11'	82.56	2.47	3.26	7.80	3.14	99.23	nil
D	78'	144'	66'	92.07	2.77	0.68	2.57	2.13	100.22	nil

WESTERN GYPSUM LTD.

BOREHOLE CHEMICAL ANALYSIS

BOREHOLE NUMBER

Burnais Draw #2.

SAMPLE NO.	DEPTH		THICKNESS	GYPSUM	INSOL. ANHYD.	INSOL. IN HCL	CaCO ₃	MgCO ₃	TOTAL	C
	FROM	TO								
1	15'	23'	8'	93.40						
2	23'	37'	14'	91.06						
3	37'	42'	5'	87.27						
4	42'	47'	5'	80.00						
5	47'	52'	5'	86.23						
6	52'	57'	5'	84.34						
7	57'	62'	5'	81.93						
8	62'	67'	5'	79.60						
9	67'	72'	5'	84.38						
10	72'	77'	5'	86.74						
11	77'	82'	5'	87.03						
12	82'	87'	5'	89.12						
13	87'	92'	5'	89.09						
14	92'	97'	5'	76.33						
15	97'	99'	2'	80.92						
16	99'	103'	4'	17.20						
17	103'	107'	4'	9.59						
COMPOSITE SAMPLES										
A	15'	57'	45'	87.31	2.62	1.10	4.14	4.20	99.37	003
B	57'	67'	10'	79.53	5.13	2.28	6.48	6.51	99.93	004
C	67'	92'	25'	84.60	3.99	1.94	4.35	4.54	99.42	004
D	92'	99'	7'	75.27	12.20	1.18	6.01	5.38	100.04	008
E	99'	103'	4'	16.91	68.97	2.24	7.03	3.97	99.12	016
F	103'	107'	4'	7.26	73.74	2.72	6.01	9.35	99.08	019



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8158
NO.

TOPOGRAPHIC LEGEND

Water course	Depression contour	Rock
Boundary fence	Spot elevation	Gravel
Drainage contour	Peak	Clay
Fill	Stream	Grass
Fire	Tramline	Timber
Shrubbery	Tramline	Timber
T. base	Tramline	Timber
Topography	Tramline	Timber



- DIAMOND DRILL HOLES**
- PERMANENT SURVEY STATION
 - Legal Corner Post for Blue Goose #6 established by BCWS
 - Boundary lines established by Survey (not BCWS)

Compiled from aerial photography at an approximate scale of 1 inch equals 2,000 feet flown in 1973

WESTROC INDUSTRIES LTD.
WINDERMERE CREEK BLUE GOOSE GROUP
Location for Blue
BURNAIS DRAW DRILL HOLES Core #6 Assessment Report

Scale: 1" = 400'
Contour Interval: 20'
Date: NOV. 9, 1973
Job No.: 05982-0
Sheet No.: 04.2

McElhanney Surveying & Engineering Ltd.
1200 West Pender Street, Vancouver, B.C. Canada