

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 92H/15E

28 AUGUST 1978

ASSESSMENT REPORT

PERCUSSION DRILLING WORK ON THE SNOWFLAKE 6 MINERAL CLAIM

ASPEN GROVE AREA, NICOLA M.D.

LATITUDE: 49<sup>0</sup>58'N

LONGITUDE: 120<sup>0</sup>36'W

REPORT BY

M.J. OSATENKO

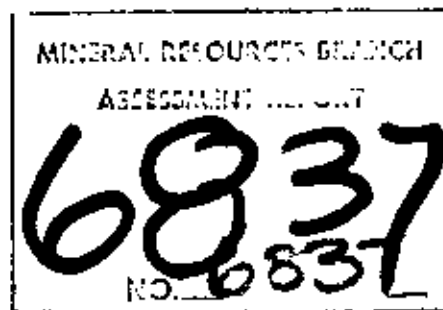


TABLE OF CONTENTS

	<u>Page</u>
SUMMARY AND CONCLUSIONS.....	1
INTRODUCTION.....	1
DISCUSSION OF RESULTS.....	1

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APPENDIX "A" -	Statement of Expenditures
APPENDIX "B" -	Statement of Qualifications
APPENDIX "C" -	Geochemical Results

ATTACHMENTS

Plate 1 -	Location of Snowflake 6 Mineral Claim and Percussion Hole Drilled (1:50,000)
Plate 2 -	Geology of Percussion Hole(C78-2)

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ASPEN GROVE AREA, NICOLA M.D.

SUMMARY AND CONCLUSIONS

This report describes the results of a percussion hole drilled on the Snowflake 6 mineral claim, 6 km north-northeast of Aspen Grove, B.C. Diorite-monzonite and red and green basaltic rocks were encountered but no sulfides or copper mineralization are present.

INTRODUCTION

This report describes the results of a vertical percussion drill hole that was drilled on February 19th, 1978 (by A. Miller of Kamloops, B.C.) on the Snowflake 6 mineral claim to test an I.P. anomaly reported by Ashland Oil in 1968 (assessment report 1842). It was drilled in the extreme northeast corner of Lot 772 or more precisely  $49^{\circ}59' 24''\text{N}/120^{\circ}35' 30''\text{W}$  (6 km north-northeast of Aspen Grove, see plate 1). The hole was capped to prevent injury to cattle.

DISCUSSION OF RESULTS

Appendix "C" shows the copper, zinc, tungsten, gold and silver values for the drilled hole (C78-2). Brief comments on the geology of six selected sections are given in plate 2.

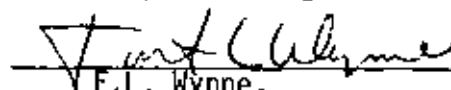
The highest copper value over ten feet (3.05m) was 176 ppm. No significant zinc, tungsten, gold or silver values were encountered. The rocks are mainly diorite-monzonite and red and green basaltic rocks with no visible sulfides or obvious alteration types.

Report by:



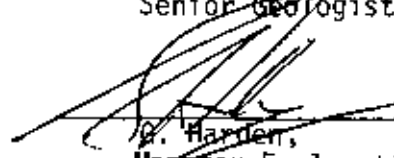
M.J. Osatenko,  
Project Geologist

Endorsed by:



F.L. Wynne,  
Senior Geologist

Approved for  
Release by:



P. Hayden,  
Manager Exploration  
Western District

APPENDIX "A"

STATEMENT OF EXPENDITURES FOR PERCUSSION

DRILLING ON THE SNOWFLAKE 6  
MINERAL CLAIM

GEOLOGY

Salaries

M.J. Osatenko (February 19th, 1978)	\$ 130.00
Report writing (1/2 day)	65.00
F.J. Ferguson (February 19th, 1978)	90.00

DRILLING

A1 Miller 300' @ \$3.00/foot	\$1,080.00
Mobilization and demobilization	16.00
Site preparation	138.00

TRANSPORTATION

Truck Rental	\$ 75.00
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DOMICILE

Food and lodging (2 man days @ \$40/day)	\$ 80.00
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SUPERVISION

\$ 210.00

ASSAYS

23 samples for Cu and Zn at \$4.00/sample and 3 composite samples for tungsten, gold and silver	\$ 116.00
	<u>\$2,000.00</u>

28 August 1978

  
Myron J. Osatenko

A P P E N D I X "B"

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

STATEMENT OF QUALIFICATIONS

I, MYRON J. OSATENKO, OF THE CITY OF VANCOUVER, BRITISH COLUMBIA,  
HEREBY CERTIFY:

1. THAT I AM A GEOLOGIST, RESIDING AT 6437 - 116th STREET DELTA,  
BRITISH COLUMBIA WITH A BUSINESS ADDRESS AT 700-409 GRANVILLE  
STREET, VANCOUVER, BRITISH COLUMBIA.
2. THAT I GRADUATED WITH B.Sc. AND M.Sc. DEGREES IN GEOLOGY FROM  
THE UNIVERSITY OF BRITISH COLUMBIA IN 1965 and 1967 RESPECTIVELY.
3. THAT I HAVE PRACTISED GEOLOGY WITH COMINCO LTD. FROM 1967 to  
PRESENT.

DATED THIS 28th DAY OF AUGUST 1978 at VANCOUVER, BRITISH COLUMBIA.

SIGNED:



Myron J. Osatenko, M.Sc.

APPENDIX "C"

Copper Zinc, Tungsten, Gold and Silver Assays From Percussion Hole C78-2

(SNOWFLAKE 6 MINERAL CLAIM)

C78-2

<u>(footage)</u>	<u>Copper (ppm)</u>	<u>Zinc (ppm)</u>	<u>Tungsten (ppm)</u>	<u>Gold (ppb)</u>	<u>Silver (ppm)</u>
68- 80	69	48	}	Less than 2	Less than 10
80- 90	15	60			
90-100	31	42			
100-110	13	43			
110-120	30	54			
120-130	20	60			
130-140	74	64			
140-150	42	66			
150-160	30	75			
160-170	8	202			
170-180	9	276	}	"	"
180-190	22	209			
190-200	115	93			
200-210	176	131			
210-220	110	106			
220-230	44	76			
230-240	35	87			
240-250	58	140			
250-260	45	82			
260-270	46	60			
270-280	82	74	}	"	"
280-290	106	77			
290-200	56	59			



Location of C78-2

SNOWFLAKE 6  
321 (9)

TULE 10  
322 (9)

L 772

SNOWFLAKE 3  
167 (3)

SNOWFLAKE 8 (5)

SNOWFLAKE 4  
211 (2)

SNOWFLAKE 7  
470 (6)

SNOWFLAKE 8  
471 (6)

SNOWFLAKE 2  
93 (4)

SNOWFLAKE 5  
212 (2)

SNOWFLAKE 9  
472 (6)

Highway

ASPEN GROVE

Pothole Creek

ALLEYNE LAKE

120° 33' W

49° 55' N

OTTER CREEK

Rd.

0 1000m

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

NO. **6837**



92 H/15E

Drawn by:		Traced by: <i>P.M.A.</i>	
Revised by	Date	Revised by	Date

SNOWFLAKE 6

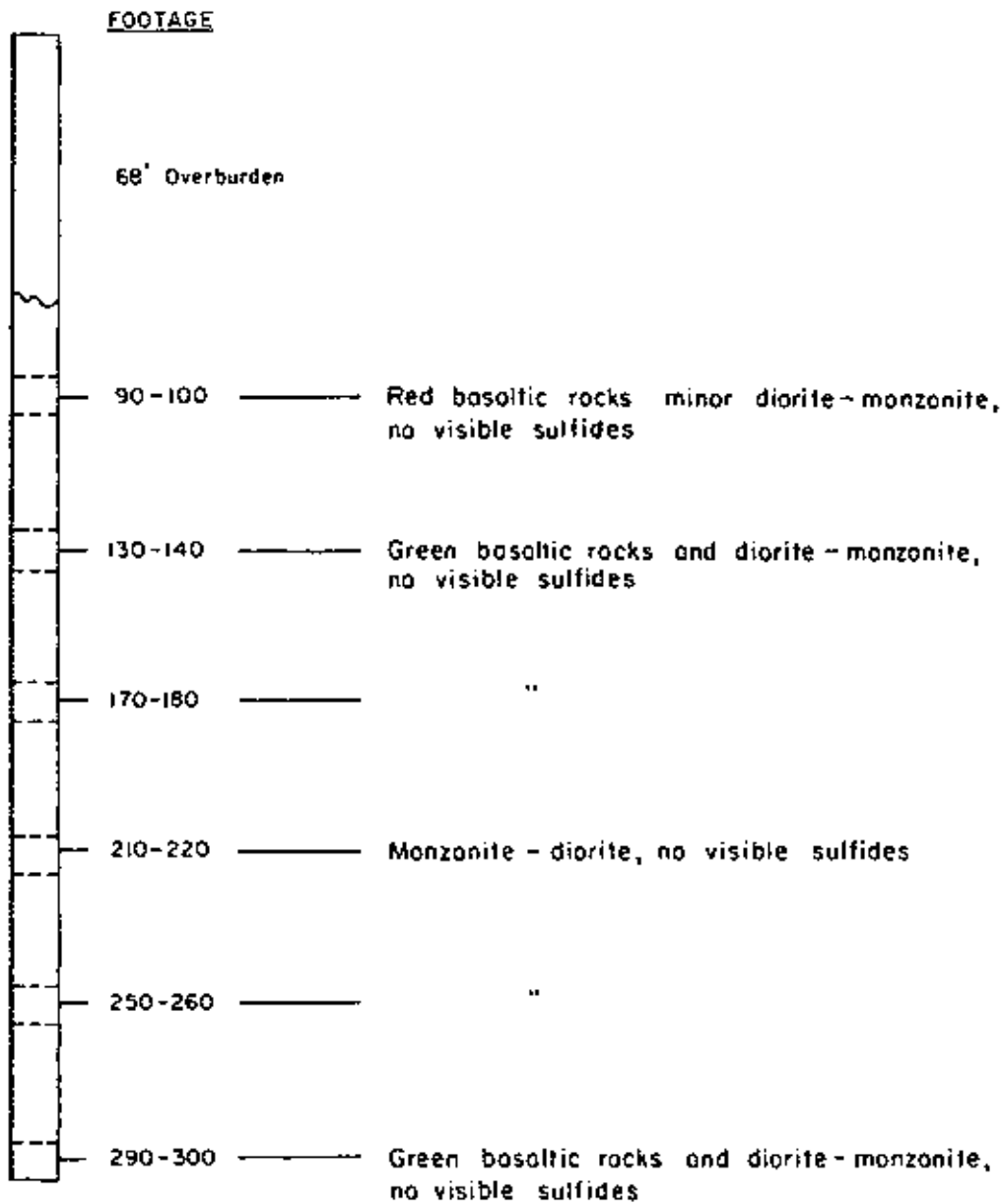
Claim Location Map

Scale: 1:50,000

Date: AUGUST, 1978

Plate: 1

C 78-2



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
  
NO. **6837**



92 H/15 E

Drawn by: MJO		Traced by: <i>A.M.</i>	
Revised by	Date	Revised by	Date

Geology of selected 10' sections of percussion hole C78-2 (Snowflake 6 M.C., Aspen Grove Area)

Scale: 1" = 50'

Date: August 5, 1978

Plate: 2