

PERCUSSION DRILLING REPORT

on the

"WAL" MINERAL CLAIM

WALHACHIN AREA

KAMLOOPS MINING DIVISION

---

NTS Sheet	- 92I/11E	UTM Grid	- Zone 10
Latitude	- 50°45'	North	- 5623500
Longitude	- 121°01'	East	- 640000

---

BETHLEHEM COPPER CORPORATION  
2100-1055 West Hastings Street  
Vancouver, B.C. V6E 2H8

February 19, 1980

R. G. Simpson  
Project Geologist

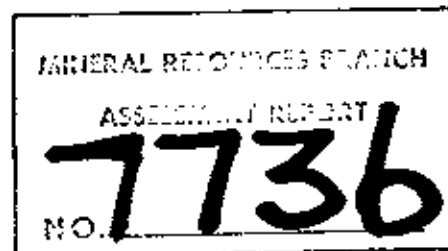


TABLE OF CONTENTS

SECTION A	-	SUMMARY OF WORK
		Introduction
		Location and Access
		Mineral Title
		1979 Percussion Drilling
		Conclusions and Recommendations
SECTION B	-	STATEMENT OF EXPENDITURES
SECTION C	-	STATEMENT OF QUALIFICATIONS
SECTION D	-	DRILL HOLE DATA
		- Drill Hole Record
		- Drill Hole Logs
		- Assay Reports
SECTION E	-	ILLUSTRATIONS

<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
W-79-1	General Location Plan	1:250,000
W-79-2	Location Plan	1: 50,000
W-79-3	Drill Hole Plan	1: 10,000

Introduction

The Walhachin area was covered by reconnaissance rock geochemistry in August 1978. Favourable geology coupled with several anomalous rock geochemical values resulted in the staking of one claim (WAL claim, 15 units) in September 1978. Further geological mapping and additional rock and soil geochemical sampling indicated several zones which warranted further testing with massive sulphides as the objective. Five E.M. lines were completed over the area of interest during October 1978 but no significant crossovers were encountered. The results of this work were summarized in the "Geological, Geophysical and Geochemical Report on the WAL Claim" by R. G. Simpson dated October 30, 1979. It was decided, however, to test the area around the main gossan zone with a number of percussion holes in order to obtain a final assessment of the mineral potential.

Location and Access

The property lies on the south side of the Thompson River valley about 1.5 km southwest of the small village of Walhachin. Geographic co-ordinates for the centre of the property are 50°45' latitude and 121°01' longitude.

Access to Walhachin is via a gravel road leading south and east from Highway 1. Property access is obtained by leaving this road 2 km west of the village and travelling south for 1 km.

The property location is shown on drawing nos. W-79-1 and 2 which are appended in Section E.



### Mineral Title

The "WAL" mineral claim is comprised of 15 units and was recorded on September 25, 1978. It is located in the Kamloops Mining Division and holds record no. 1407(9). Its present expiry date is September 25, 1980, assessment credits having been applied on the basis of the previous work carried out in late 1978.

### 1979 Percussion Drilling

A percussion drilling program was carried out on the Wal claims between November 15 and November 21, 1979. A total of six holes were drilled in the Rattlesnake Creek vicinity in order to assess the mineral potential around the periphery of the main gossan and to attempt to intersect a mineralized intrusive breccia which crops out on the west bank of the creek near the south part of the Wal claim. The drill program involved superficial road construction over grass and sagebrush covered, hilly terrain. Overburden depths were shallow ranging from 6.1 to 7.6 metres and five of the six holes reached or exceeded 107 metres in depth resulting in a combined total length of 597.5 metres.

Hole W-79-1, the northernmost hole, was drilled in the bed of Rattlesnake Creek north of the first gossan outcrop. It penetrated dark green Nicola volcanics from 5 to 43 metres and felsic intrusive quartz porphyry from 43 to the final depth of 106.7 m. Both rock types showed strong pyrite mineralization with traces of chalcopyrite and malachite. Copper content varied from .004% to .192% with higher grades obtained near the intrusive contact (Avg. .085% Cu from 40 to 55 metres).

Hole W-79-2 and W-79-3 were drilled on the west side of Rattlesnake Creek. Minor copper mineralization was noted on a few surface outcrops here along with anomalous soil samples. Both holes encountered 6.1 m of overburden and ended at a depth of 106.7 m. Hole W-79-2 drilled through felsic quartz porphyry containing disseminated pyrite with an average grade of .017% Cu. Hole W-79-3 penetrated medium to fine grained quartz diorite which was variably sericitized with mafics partly chloritized. Copper grade averaged .012%.

Holes W-79-4 and W-79-5 were drilled on the east side of the creek. W-79-4 encountered quartz diorite from 6 to 14 m and quartz porphyry from 14 m to a final depth of 61.0 metres. Both rock types showed strong pyrite mineralization but only averaged .006% Cu. Hole W-79-5 penetrated pyritized quartz porphyry from 7.6 m to 109.7 m with copper grade averaging .016%.

Hole W-79-6 was the southernmost hole and was an attempt to penetrate the younger conglomerate cover on the east side of the creek opposite outcrops of mineralized intrusive breccia on an adjacent claim. The hole bottomed in conglomerate at 106.7 m leading to the suspicion that a fault may have down dropped the formations on the east side of the creek in this locality.

The table that follows summarizes the drill program.

<u>Hole No.</u>	<u>Overburden</u> (m)	<u>Rock</u> (m)	<u>Total Depth</u> (m)	<u>% Cu</u>	<u>% Mo</u>
W-79-1	4.6	102.1	106.7	0.019	nil
W-79-2	6.1	100.6	106.7	0.017	nil
W-79-3	6.1	100.6	106.7	0.012	tr.
W-79-4	6.1	54.9	61.0	0.006	tr.
W-79-5	7.6	102.1	109.7	0.015	tr.
W-79-6	6.1	100.6	106.7	0.012	tr.
	<u>36.6</u>	<u>560.9</u>	<u>597.5</u>		

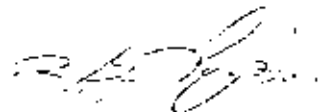
The drill hole locations are illustrated on drawing no. W-79-3 which is appended in Section E.

Descriptive logs of the holes and the assay reports are contained in Section D.

Conclusions and Recommendations

The negative results from the percussion drilling program, coupled with the lack of significant response in the earlier EM survey would appear to rule out the possibility of any significant mineralized zone being located on the "WAL" claim and it is therefore recommended that no further work be carried out on the property.

Respectfully submitted,



R. G. Simpson  
Project Geologist

/ae

SECTION BSTATEMENT OF EXPENDITURES

Expense Period - October 30 to November 30, 1979

1. Contracted Services

(a) Alf Kalenith - access road, drill site and water sump construction Invoice dated November 19, 1979	\$ 2,160.00
(b) Josco Mining Co. Ltd. - percussion drilling contractor Invoice dated November 29, 1979	7,998.50
(c) Altair Drafting Services Ltd. - Drafting - 1.0 hours @ \$14.00 = \$14.00 Printing - <u>27.30</u>	41.30
	<u>41.30</u>
Total Contracted Services	\$ 10,199.80

2. Bethlehem Expenditures(a) Personnel Salaries

R. E. Anderson - Exploration Manager 1 day in general project supervision @ \$185.00/day	\$ 185.00
R. G. Simpson - Project Geologist 4 days in project supervision, drill hole logging and report preparation 4 days @ \$94.38/day	\$ 377.52
J. G. Collins - Field Supervisor October 30, November 5, 13, 19, 26 5 days in project supervision @ \$94.91/day	\$ 474.55
E. Anderson - Property Agent 1 day in data compilation and report preparation @ \$107.33/day	\$ 107.33
A. Eno - Secretary 2 days @ \$61.86/day	\$ 123.72
	<u>1,268.12</u>
Total Personnel	\$ 1,268.12



2. Bethlehem Expenditures (Contd.)

(b) Transportation

R. G. Simpson - Ford F-150 4 x 4  
3 days @ \$35.00/day \$ 105.00

J. G. Collins - Ford F-150 4 x 4  
5 days @ \$35.00/day \$ 175.00

Total Transportation \$ 280.00

(c) Assaying

186 Cu/Mo determinations performed at  
Bethlehem's Highland Valley laboratory  
186 @ \$8.75 \$ 1,627.50

(d) Supplies

186 61.0 x 91.4 cm 6 mil plastic  
sample bags for percussion samples  
186 @ \$.60/bag \$ 111.60

TOTAL BETHLEHEM EXPENDITURES \$ 3,287.22

TOTAL PROJECT EXPENDITURES \$ 13,487.02

TOTAL DRILLING 597.4 m

AVERAGE COST/METRE \$ 22.58

SAND  
GRAVEL  
DIRT  
HAULING

PHONE ~~457-6761~~ 457-6761.

Alf Kalenith

MAGOBAR  
PRODUCTS

BOX 122 568 ACME CREEK B.C.  
~~STREET ADDRESS~~ JOK 1H0.

Date Nov. 19 1979

SOLD TO BETHELMAN COPPER CORP.  
ADDRESS (WAL CLAIMS-) ASHCROFT.

Quantity	DESCRIPTION	Price	Amount
	BUILD ROAD, 6 DRILL SITES + 2 WATER HOLES.		
	SUPPLY TO IS POWER OPERATOR 39 HRS. @ \$50		1950 00
	LOWBLO 6 HRS. @ \$35		210 00
	TOTAL.		\$ 2160 00

Edge 11-85  
O.K. [Signature]  
Received above in good order.

No 367

Signature

ph 579-9127

JOSCO MINING CO. LTD.  
P.O. BOX 665, KAMLOOPS, B.C.

V2C 5L7

November 29, 1979

Bethlehem Copper Corp. Ltd.,  
2100-1055 West Hastings St.,  
Vancouver, B.C.

Dear Sirs:

Following is a statement of our account for percussion drilling at your Walhachin property during the period Nov 13 - Nov 22, 1979:

Hole #	Bedrock Depth	Feet Cased	Total Footage Drilled	Water Truck Use
W-79-6	20 ft.	20ft.	350 ft.	2 shifts
W-79-3	20 ft.	20ft.	350 ft.	2 shifts
W-79-2	20 ft.	20ft.	350 ft.	1 shifts
W-79-1	15 ft.	20ft.	350 ft.	1 shifts
W-79-4	20 ft.	20ft.	200 ft.	1 shifts
W-79-5	25 ft.	20ft.	360 ft.	2 shifts
Totals			1960 ft. /	9 shifts /

Drilling Chgs 1960 ft. @ \$3.50 ft \$6860.00 /  
 Water Truck Chgs 9 shifts @ \$80.00 shift \$ 720.00 /

Moving Charges Highland Valley to Walhachin  
 Nov 13 Lowbed charges (Pooley Bros.) \$143.60

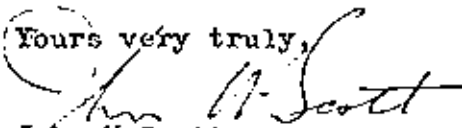
Drive drill to load point  
 - 4 man hours @ \$15.00 hr \$60.00 /  
 - Equipment rental 2 hrs @ \$30.00 hr \$60.00 /

Move equipment to Walhachin  
 - 4 man hours @ \$15.00 hr \$60.00 /  
 - pick-up use 50 miles @ \$ .30 mi \$15.00 /  
 - water truck 1 shift @ \$80.00 shift \$ 80.00 /

\$275.00 \$275.00 /

Total Amount Due \$7998.50 /

*Chge #*  
 11 - 944  
 A.K. for Payment  
 John D. Collier

Yours very truly,  
  
 John W. Scott,  
 Josco Mining Co. Ltd.

SECTION C - STATEMENT OF QUALIFICATIONS

RONALD GRAHAM SIMPSON

1. Attended the University of British Columbia and graduated in May 1975 with a B.Sc. degree in Geology.
2. Employed by the Geological Survey of Canada in their Vancouver office from May 1975 to April 1976.
3. Commenced employment with Bethlehem Copper Corporation in April 1976 and has been continuously employed by this firm and involved in the following activities:-
  - (a) Summer 1976 - Exploration geologist attached to the Bear-Twit Project, a diamond drilling venture in the Mackenzie Mountains of the Northwest Territories.
  - (b) Fall 1976 - Project Geologist on a percussion drilling program in West-central B.C.
  - (c) Winter-Spring 1977 - Project Geologist on a diamond drilling program at Bethlehem's Highland Valley copper mine.
  - (d) Summer 1977 - Project Geologist in charge of the Plateau Joint Venture, a large scale regional program in the Taseko Lakes area of south-central B.C.
  - (e) Fall 1977 - Project Geologist in charge of a percussion drilling program in the Nadina Lake area of West-central B.C.
  - (f) Summer 1978 - In charge of the second phase of the Plateau Project (see (d)).
  - (g) Sept. 1978 to May 1979 - Project Geologist on a diamond drilling program at Bethlehem's Highland Valley operations.
  - (h) May 1979 to Oct. 1979 - Project Geologist in charge of the Guichon Project, a regional program in the general Highland Valley area.

SECTION D

- DRILL HOLE DATA

Drill Hole Record

Drill Hole Logs      -    W-79-1  
  W-79-2  
  W-79-3  
  W-79-4  
  W-79-5  
  W-79-6

Assay Reports





BETHLEHEM  
COPPER  
CORPORATION

## GENERAL DRILL HOLE LOG

Latitude: 4+75 m S	Hole No. W-79-1
Departure: 13+00m E	Commenced: Nov. 17/79
Elevation: 423.6 m	Completed: Nov. 18/79
Length: 106.7 m (350')	Logged by: R. Simpson
Overburden: 4.6 m (15')	Sheet No. 1 of 2
Az. - Dip: 90°	Claim: WNL (Unit 19)

Contractor: JCS&O

Property: WNL CLAIM

Area: In bed of Rattlesnake Creek

Purpose: Test for northern extension of gossan zone

Drill Type: Percussion

Core Size:

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION			HOLE DEPTH TAG NO.	ASSAYS				% RECOVER
	SULPHIDE	OXIDE	OTHER		CU%	MO%			
0-15' Overburden	Py, Cp Py 3-58	Ik		15 to 20 20 30	.053 .014	-			
15-140' Nicola Group Volcanics				30 to 40 40 50	.010 .016				
10-120' Fine grained, intermediate volcanics, moderately to strongly pyritized and variably silicified. Generally dark green in colour due to chlorite from hydrothermal alteration. Some sections are variably porphyritic.				50 to 60 60 70 70 to 80 80 90 90 to 100 100 110 110 to 120 120 130	.013 .011 .007 .008 .017 .012 .007 .011				
120-140' Quartz and fine grained felsic fragments common, probably from quartz porphyry dykes containing disseminated Py	Py 2-38 (Cp)			130 to 140 140 150 150 to 160 160 170 170 to 180 180 190	.022 .048 .089 .192 .038 .008				
140-350' Quartz (latite?) Porphyry white (Cf<5), aplitic textured, K-Spar not identifiable, no mafics. Disseminated Py 2-58	Py 2-38 Py 1-28			190 to 200 200 210 210 to 220 220 230 230 to 240 240 250 250 to 260 260 270 270 to 280 280 290	.007 .007 .007 .007 .006 .008 .005 .004 .005 nil				







BETHLEHEM  
COPPER  
CORPORATION

### GENERAL DRILL HOLE LOG

Latitude: 7+00 m S  
Departure: 11+90 m E  
Elevation: 454.2 m  
Length: 106.7 m (350')  
Overburden: 6.1 m (20')  
Az. - Dip: -90°

Hole No. W-79-2  
Commenced: Nov. 16/79  
Completed: Nov. 17/79  
Logged by: R.G.S.  
Sheet No. 1 of 2  
Claim: WAL (Unit 18)

Contractor: Josco

Drill Type: Percussion

Core Size:

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION			HOLE DEPTH TAG NO.	ASSAYS				% RECOVERED
	SULPHIDE	OXIDE	OTHER		Cut	Moist			
0-20' Overburden				20 to 30	.016	N.D.			
				30 to 40	.016	N.D.			
20-350' Quartz (Latite?) Porphyry CIZS Very felsic, med. to finely crystalline aplitic texture, no mafics, disseminated Py oxidized to He along fractures, 10-20% of fragments stained orange by He. Cp is present in trace amounts associated with Py stringers.	Py m-2-54	He		40 to 50	.026	.001			
				50 to 60	.019	N.D.			
				60 to 70	.027	N.D.			
				70 to 80	.014	.001			
				80 to 90	.015	N.D.			
				90 to 100	.021	.002			
				100 to 110	.012	N.D.			
				110 to 120	.022	N.D.			
				120 to 130	.012	N.D.			
				130 to 140	.013	N.D.			
				140 to 150	.021	.001			
				150 to 160	.021	.001			
				160 to 170	.012	N.D.			
				170 to 180	.024	.001			
				180 to 190	.012	N.D.			
				190 to 200	.012	N.D.			
				200 to 210	.026	.001			
				210 to 220	.011	N.D.			
				220 to 230	.011	N.D.			
				230 to 240	.017	.001			
				240 to 250	.017	.001			
				250 to 260	.011	N.D.			
				260 to 270	.016	.001			
				270 to 280	.011	.001			
				280 to 290	.018	.001			
				290 to 300	.019	.001			





BETHLEHEM  
COPPER  
CORPORATION

### GENERAL DRILL HOLE LOG

Latitude: 11+15 m S

Hole No. W-79-3

Departure: 13+00 m E

Commenced: Nov. 15/79

Elevation: 536.5 m

Completed: Nov. 16/79

Length: 106.7 m (350')

Logged by: R.G.S.

Overburden: 6.1 m (20')

Sheet No. 1 of 2

Az - Dip: -90°

Claim: WAL (Unit 17)

Contractor: Josco

Property: WAL Claim

Area: West side of Rattlesnake Creek

Purpose: Test for extension of mineralized breccia zone(s)

Drill Type: Percussion

Core Size:

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION			HOLE DEPTH TAG NO.	ASSAYS				% RECOVER
	SULPHIDE	OXIDE	OTHER		Cu%	Mo%			
0-20' Overburden	Py < 1%	Mg, Fe		20 to 30	.024	-			
				30 to 40	.019	-			
20-150' Fine grained Quartz Diorite Subequigranular, hypidiomorphic texture, variably sericitized, mafics partly chloritized.				40 to 50	.019	-			
				50 to 60	.020	.0003			
				60 to 70	.021	-			
				70 to 80	.017	-			
				80 to 90	.012	-			
				90 to 100	.009	-			
			100 to 110	.008	.0005				
			110 to 120	.013	.0005				
			120 to 130	.008	.0005				
			130 to 140	.009	.0008				
			140 to 150	.005	.0005				
			150 to 160	.008	.0009				
190-210' Magnetite very common, finely disseminated				160 to 170	.011	.0005			
				170 to 180	.009	.0005			
				180 to 190	.007	.0012			
				190 to 200	.007	.0012			
			200 to 210	.010	.0009				
			210 to 220	.012	.0009				
			220 to 230	.008	.0009				
			230 to 240	.006	.0005				
260-320' Orange-stained sections common, probably fine grained aplite dykes				240 to 250	.012	.0005			
				250 to 260	.011	.0005			
				260 to 270	.015	.0009			
				270 to 280	.017	.0009			
				280 to 290	.017	.0005			
			290 to 300	.012	.0009				





BETHLEHEM  
COPPER  
CORPORATION

## GENERAL DRILL HOLE LOG

Property: WAL Claim

Area: East side of Rattlesnake Creek

Purpose: Test eastern side of gossan

Drill Type: Percussion

Core Size:

Latitude: 7+15 m S

Departure: 15+55 m E

Elevation: 460.3 m

Length: 61.0 m (200')

Overburden: 6.1 m (20')

Az: - Dep: -90°

Hole No.: 79-4

Commenced: Nov. 19/79

Completed: Nov. 19/79

Logged by: R.G.S.

Sheet No. 1 of 1

Claim: WAL (Unit 26)

Contractor: Jovkop

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION			HOLE DEPTH TAG NO.	ASSAYS				% REC'D
	SULPHIDE	OXIDE	OTHER		Cu	Mo			
0-20' Overburden				15 to 20	.006	Tr			
				20 to 30	.009				
20-45' Quartz Diorite	Py ~ 3-5%	He		30 to 40	.004				
Med-finely crystalline strong Fe-staining (gossan). Py disseminated 3-5%				40 to 50	.003				
		✓		50 to 60	.006				
				60 to 70	.006				
				70 to 80	.006				
				80 to 90	.009				
				90 to 100	.006				
				100 to 110	.004				
				110 to 120	.008				
				120 to 130	.005				
45-200' Quartz (latite?) Porphyry Aplitic texture, CkS, K-spar not identifiable. Pyrite is ubiquitous and occurs finely disseminated. No mafics are present. Oxidation does not extend below 60' to any significant degree.				130 to 140	.005				
				140 to 150	.006				
				150 to 160	.004				
				160 to 170	.006				
				170 to 180	.006				
				180 to 190	.011				
				190 to 200	.010				
				E.O.H.					
				to					
				to					
				to					
				to					



BETHLEHEM  
COPPER  
CORPORATION

### GENERAL DRILL HOLE LOG

Latitude: 9+50m S  
Departure: 16+05 m E  
Elevation: 519.7 m  
Length: 109.7 m (360')  
Overburden: 7.6 m (25')  
Az. - Dip: 90°

WAL Claim  
Nov. 20/79  
Nov. 21  
R.G.S.  
1 of 2  
WAL (Unit 26)

Contractor: Josco

Drill Type: Percussion

Core Size:

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION			HOLE DEPTH TAG NO.	ASSAYS					% RECOVERED
	SULPHIDE	OXIDE	OTHER		Ag	Cu	Mn	Pb	Zn	
0-25' Overburden	Py	He		25 to 30	.019	-				
				30 to 40	.016					
				40 to 50	.017					
				50 to 60	.014					
				60 to 70	.026					
				70 to 80	.029					
				80 to 90	.021					
				90 to 100	.015					
				100 to 110	.018					
				110 to 120	.010					
25-360' Felsic Intrusive (Quartz Latite/Monzonite)				120 to 130	.008					
Medium-finely crystalline, slightly darker than typical Qz. ppv, appears to contain appreciable k-feldspar but no mafics. Fragments contain 2-5% disseminated Py, minor Cp and trace				130 to 140	.010					
Mk were noted. Dark orange-brown Fe oxide coats most fragments from 25-80 feet (gossan zone)				140 to 150	.011					
				150 to 160	.011					
				160 to 170	.018					
				170 to 180	.017					
				180 to 190	.012					
				190 to 200	.015	.0006				
				200 to 210	.017	.0003				
				210 to 220	.014	.0003				
				220 to 230	.012	.0003				
				230 to 240	.012	.0005				
				240 to 250	.014	.0006				
				250 to 260	.014	.0005				
				260 to 270	.019	.0003				
				270 to 280	.019	.0003				
				280 to 290	.011	-				
				290 to 300	.013	-				





BETHLEHEM  
COPPER  
CORPORATION

### GENERAL DRILL HOLE LOG

Latitude 13+05 m S  
Departure: 16+95 m E  
Elevation: 545.6 m  
Length 106.7 m (350')  
Overburden: 6.1 m (20')  
Az - Dip -90°

Hole No. W-79-6  
Commenced: Nov. 15/79  
Completed: Nov. 15/79  
Logged by: R.G.S.  
Sheet No. 2 of 4  
Claim: WAI (Unit 27)

Property: WAI Claim  
Area: East side of Rattlesnake Creek  
Purpose: Attempt to intersect breccia zone beneath conglomerate  
Drill Type: Percussion  
Core Size: cover

Contractor: Joco

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION			HOLE DEPTH TAG NO.	ASSAYS				% RECOVER
	SULPHIDE	OXIDE	OTHER		CU	MO			
0-20' Overburden	Py	He		20 to 30 30 to 40	.007 .010				
20-350' Conglomerate Heterogeneous mixture of Nicola volcanic and porphyry fragments and red-fine quartz diorite fragments. Py is fairly common but seldom exceeds 2%.				40 to 50 50 to 60	.005 .008				
				60 to 70 70 to 80	.006 .006				
				80 to 90 90 to 100	.005 .005				
				100 to 110 110 to 120	.006 .006				
				120 to 130 130 to 140	.006 .007				
				140 to 150 150 to 160	.006 .006				
				160 to 170 170 to 180	.008 .010				
				180 to 190 190 to 200	.022 .023				
				200 to 210 210 to 220	.012 .010				
				220 to 230 230 to 240	.031 .019				
				240 to 250 250 to 260	.011 .030				
				E <sub>2</sub> O <sub>11</sub>					
			to						



## WHELEH COPPER CORPORATION LTD

- WALKERIN  
ASSAYS.

ASHCROFT, B.C.

DATE Nov 20, 1979SHIFT IIIHGEV  
EAVGeology - CU

	Percussion W-79-1	WEIGHT TAKEN					ASSAY % Cu
1	15-20	14250					.053
2	30						.014
3	40						.010
4	50						.016
5	60						.013
6	70						.011
7	80						.007
8	90						.008
9	90-100						.017
10	110						.012
11	120						.007
12	130						.011
13	140						.022
14	150						.045
15	160						.089
16	170						.192
17	180						.038
18	190						.008
19	190-200						.007
20	210						.007
21	220						.007
22	230						.007
23	240						.006
24	240-250						.008
25							
26							
27							
28							
29							
30							

READ AS T/S

ASSAYER \_\_\_\_\_

ASHCROFT, B.C.

DATE Nov 20 19 79

GEOLOGY

SHIFT \_\_\_\_\_

W	PERCUSSION W-79-1 MO	WEIGHT TAKEN				ASSAY % Cu
1	15-20	2 1/2 x 50				—
2	30					—
3	40					—
4	50					—
5	60					—
6	70					—
7	80					—
8	90					—
9	90-100					—
10	110					—
11	120					—
12	130					—
13	140					—
14	150					—
15	160					—
16	170					—
17	180					—
18	190					—
19	190-200					—
20	210					—
21	220					—
22	230					—
23	240					—
24	240-250					—
25						—
26						—
27						—
28						—
29						—
30						—

ASSAYER

R.M.

REITHLEHEN COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE Nov 20 1959

CW.

SHIFT III

	PERCUSSION W-79-1	WEIGHT TAKEN					ASSAY % Cu
1	250-260	1 x 250					.005
2	270						.004
3	280						.005
4	290						.008
5	290-300						.005
6	310						.005
7	320						.004
8	330						.004
9	340						.004
10	340-350	E.O.H.					.004
11							
12	W-79-2						
13							
14	260-270						.016
15	280						.011
16	290						.018
17	290-300						.019
18	310						.017
19	320						.017
20	330						.015
21	340						.014
22	350	E.O.H.					.011
23							
24							
25							
26							
27							
28							
29							
30							

ASSAYER

P.M.

ASHCROFT, B.C.

DATE Nov 26 1929MOSHIFT 11

W	PERCUSSION W-79-1	WEIGHT TAKEN				ASSAY %Mo
1	250-260	2 1/2 x 50				<del>0</del>
2	270					"
3	280					"
4	290					"
5	290-300					"
6	310					"
7	320					"
8	330					"
9	340					"
10	340-350	E.O.H.				"
11						
12	<u>W-79-2</u>					
13					%Mo	
14	260-270				.001	
15	280				.001	
16	290				.001	
17	290-300				.001	
18	310				.002	
19	320				.001	
20	330				.001	
21	340				.001	
22	350	E.O.H.			.001	
23						
24						
25						
26						
27						
28						
29						
30						

ASSAYER


## STILEHEM COPPER CORPORATION LTD.

ASHCROFT, B.C.

DATE Nov 21 1979GEOLOGY - CuSHIFT 2

W	PERCUSSION W-79--2	WEIGHT TAKEN				ASSAY % Cu
1	20-30	1x250				.016
2	40					.016
3	50					.026
4	60					.019
5	70					.027
6	80					.014
7	90					.015
8	90-100					.021
9	110					.012
10	120					.022
11	130					.012
12	140					.013
13	150					.021
14	160					.021
15	170					.012
16	180					.024
17	190					.012
18	190-200					.011
19	210					.026
20	220					.011
21	230					.011
22	240					.017
23	250					.017
24	250-260					.013
25						
26						
27						
28						
29						
30						

ASSAYER

P.M. 

## THELEPH COPPER CORPORATION LTD

ASHCROFT, D.C.

DATE JAN 11 1980

SHIFT \_\_\_\_\_

CORRECTION ON GEOLOGY MO ASSAYS FOR NOV. 21

	PERCUSSION W-79-2	WEIGHT TAKEN		ABS		ASSAY % Mo
1	20-30	2 1/2 x 50				N.D.
2	40					N.D.
3	50			.016		.001
4	60					N.D.
5	70					N.D.
6	80			.010		.001
7	90					N.D.
8	90-100			.030		.002
9	110					N.D.
10	120					N.D.
11	130					N.D.
12	140					N.D.
13	150			.020		.001
14	160			.015		.001
15	170					N.D.
16	180			.015		.001
17	190					N.D.
18	190-200					N.D.
19	210			.020		.001
20	220					N.D.
21	230					N.D.
22	240			.010		.001
23	250			.015		.001
24	250-260					N.D.
25						
26						
27						
28						
29						
30						

ASSAYER A.S.

NEAD  
AS TAIL

ISRAELI COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE Nov 21 19 79

GEOLOGY - Cu

SHIFT \_\_\_\_\_

W	PERCUSSION	WEIGHT TAKEN				ASSAY % Cu
	<u>W-79-3</u>					
1	<u>20-30</u>	<u>1x250</u>				<u>.024</u>
2	<u>40</u>					<u>.019</u>
3	<u>50</u>					<u>.019</u>
4	<u>60</u>					<u>.020</u>
5	<u>70</u>					<u>.021</u>
6	<u>80</u>					<u>.017</u>
7	<u>90</u>					<u>.012</u>
8	<u>90-100</u>					<u>.009</u>
9	<u>110</u>					<u>.005</u>
10	<u>120</u>					<u>.013</u>
11	<u>130</u>					<u>.009</u>
12	<u>140</u>					<u>.009</u>
13	<u>150</u>					<u>.005</u>
14	<u>160</u>					<u>.009</u>
15	<u>170</u>					<u>.011</u>
16	<u>180</u>					<u>.009</u>
17	<u>190</u>					<u>.007</u>
18	<u>190-200</u>					<u>.007</u>
19	<u>210</u>					<u>.010</u>
20	<u>220</u>					<u>.012</u>
21	<u>230</u>					<u>.008</u>
22	<u>240</u>					<u>.006</u>
23	<u>250</u>					<u>.012</u>
24	<u>250-260</u>					<u>.011</u>
25						
26						
27						
28						
29						
30						

ASSAYER TR + EJ

ASHCROFT, B.C.

DATE Nov 21 19 79GEOLOGY - Mo

SHIFT \_\_\_\_\_

W	PERCUSSION W-79-3	WEIGHT TAKEN				ASSAY % Mo
1	20-30	2 1/2 x 50				
2	40					0
3	50					0
4	60					0.003
5	70					0
6	80					0
7	90					0
8	90-100					0
9	110				0.010	.0006
10	120				0.010	.0006
11	130				0.010	.0006
12	140				0.015	.0009
13	150				0.010	.0006
14	160				0.015	.0009
15	170				0.010	.0006
16	180				0.010	.0006
17	190				0.010	.0012
18	190-200				0.010	.0012
19	210				0.015	.0009
20	220				0.015	.0009
21	230				0.010	.0009
22	240				0.010	.0006
23	250				0.010	.0006
24	250-260				0.010	.0006
25						
26						
27						
28						
29						
30						

ASSAYER TK



READ AS  
TAILS

ATHLEHEN COPPER CORPORATION LTD

ASHCROFT, D.C.

DATE Nov 21 19 79

GEOLOGY - Cu

SHIFT \_\_\_\_\_

W	PERCUSSION W-79-3	WEIGHT TAKEN				ASSAY %Cu
1	260-270	1x250				.015
2	280					.017
3	290					.017
4	290-300					.012
5	310					.013
6	320					.012
7	330					.011
8	340					.012
9	340-350	E.O.H.				.014
10						
11						
12	PERCUSSION					
13	W-79-6					
14	260-270	1x250				.019
15	280					.010
16	290					.009
17	290-300					.018
18	310					.020
19	320					.020
20	330					.017
21	340					.018
22	340-350	E.O.H.				.020
23						
24						
25						
26						
27						
28						
29						
30						

ASSAYER AS

ASHCROFT, B.C.

DATE Nov 21 19 79

GEOLOGY Mo

SHIFT \_\_\_\_\_

W	PERCUSSION W-79-3	WEIGHT TAKEN				ASSAY % Mo
1	260-270	2 1/2 x 50				.0009
2	280				0.15	.0009
3	290				0.19	.0006
4	290-300				0.25	.0003
5	310				0.25	.0003
6	320				0.25	.0003
7	330				0.26	.0006
8	340				0.28	.0006
9	340-350	E.O.H.			0.28.005	.0003
10						
11						
12	PERCUSSION					
13	W-79-6					
14	260-270	2 1/2 x 50				Tr
15	280					"
16	290					"
17	290-300					"
18	310					"
19	320					"
20	330					"
21	340					"
22	340-350	E.O.H.				"
23						
24						
25						
26						
27						
28						
29						
30						

ASSAYER TR

REFID 117

TAILS

ETHLEHEM COPPER CORPORATION LTD

ASHCROFT, B.C.

GEOLOGY - Cu

DATE NOV 22 1979

SHIFT \_\_\_\_\_

W	PERCUSSION W-179-4	WEIGHT TAKEN				ASSAY %Cu
1	15-20	1x250				.00608
2	30					.009
3	40					.004
4	50					.003
5	60					.006
6	70					.006
7	80					.006
8	90					.009
9	90-100					.006
10	110					.004
11	120					.008
12	130					.005
13	140					.005
14	150					.006
15	160					.004
16	170					.006
17	180					.006
18	190					.011
19	190-200	E.O.H.				.010
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

ASSAYER \_\_\_\_\_

NETHERLAND COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE Nov 22 19 79

GEOLOGY - Mo

SHIFT \_\_\_\_\_

W	PERCUSSION	WEIGHT TAKEN				ASSAY % Mo	
	<u>W-79-4</u>						
2	15-20	2 1/2 x 50				TR	
2	30					↓	
3	40						
4	50						
5	60						
6	70						
7	80						
8	90						
9	90-100						
10	110						
11	120						
12	130						
13	140						
14	140						
15	160						
16	170						
17	180						
18	190						
19	190-200	E.O.H.					✓
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

ASSAYER TR

## STIBLEREM COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE Nov 23 19 79GEOLOGY - Cu

SHIFT \_\_\_\_\_

W	PERCUSSION W-79-5	WEIGHT TAKEN					ASSAY % Cu
1	25-30	1x250					.019
2	40						.016
3	50						.017
4	60						.014
5	70						.026
6	80						.029
7	90						.021
8	90-100						.015
9	110						.018
10	120						.010
11	130						.008
12	140						.010
13	150						.011
14	160						.011
15	170						.018
16	180						.017
17	180-190						.012
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

ASSAYER \_\_\_\_\_

BETHLEHEM COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE Nov 23 1979

GEOLOGY - Mo

SHIFT \_\_\_\_\_

W	PERCUSSION W-79-5	WEIGHT TAKEN					ASSAY % Mo
1	25-30	2 1/2 x 50					<del>0</del>
2	40						
3	50						
4	60						
5	70						
6	80						
7	90						
8	90-100						
9	110						
10	120						
11	130						
12	140						
13	150						
14	160						
15	170						
16	180						
17	180-190						
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

ASSAYER \_\_\_\_\_

READ  
AS  
TAILS

NETHELEM COPPER CORPORATION LTD

ASHCROFT, H.C.

DATE NOV 26 19 19

SHIFT II

	PERCUSSION	WEIGHT TAKEN				ASSAY % Cu
1	190-200	1gx 250				.015
2	200-210					.017
3	210-220					.014
4	220-230					.012
5	230-240					.012
6	240-250					.014
7	250-260					.014
8	260-270					.019
9	270-280					.019
10	280-290					.011
11	290-300					.013
12	300-310					.011
13	310-320					.011
14	320-330					.015
15	330-340					.014
16	340-350					.013
17	350-360	E.O.H.				.014
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

ASSAYER TR

WHELEHEM COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE NOV 26 19 79

SHIFT \_\_\_\_\_

	FACISSION W-79-5-110	WEIGHT TAKEN				ASSAY % Mo
1	110-710	2/2 x 50				.0060006
2	110-710					.0003
3	110-710					.0003
4	110-710					.0003
5	110-710					.0006
6	110-710					.0006
7	110-710					.0006
8	110-710					.0003
9	110-710					.0003
10	110-710					-
11	110-710					-
12	110-710					.0003
13	110-710					-
14	110-710					-
15	110-710					-
16	110-710					-
17	110-710	E.O.H.				.0003
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

ASSAYER \_\_\_\_\_



TAILS

ATHLESTON COPPER CORPORATION LTD.

ASHCROFT, B.C.

GEOLOGY - Cu

DATE NOV 22 19 79

SHIFT 2

W	W-179-6	WEIGHT TAKEN					ASSAY % Cu
1	20-30	1x250					.007
2	40						.010
3	50						.005
4	60						.008
5	70						.006
6	80						.006
7	90						.005
8	90-100						.005
9	110						.006
10	120						.006
11	130						.006
12	140						.007
13	150						.006
14	160						.006
15	170						.008
16	180						.010
17	190						.022
18	190-200						.023
19	210						.012
20	220						.011
21	230						.031
22	240						.019
23	250						.011
24	250-260						.020
25							
26							
27							
28							
29							
30							

ASSAYER EJ AS

WHELEHEM COPPER CORPORATION LTD

ASHCROFT, B.C.

DATE Nov 22 1979

GEOLOGY - Mo

SHIFT \_\_\_\_\_

N	PERCUSSION W-79-6	WEIGHT TAKEN					ASSAY % Mo
1	20-30	2 1/2 x 50					<del>0</del>
2	40						
3	50						
4	60						
5	70						
6	80						
7	90						
8	90-100						
9	110						
10	120						
11	130						
12	140						
13	150						
14	160						
15	170						
16	180						
17	190						
18	190-200						
19	210						
20	220						
21	230						
22	240						
23	250						
24	250-260						
25							
26							
27							
28							
29							
30							

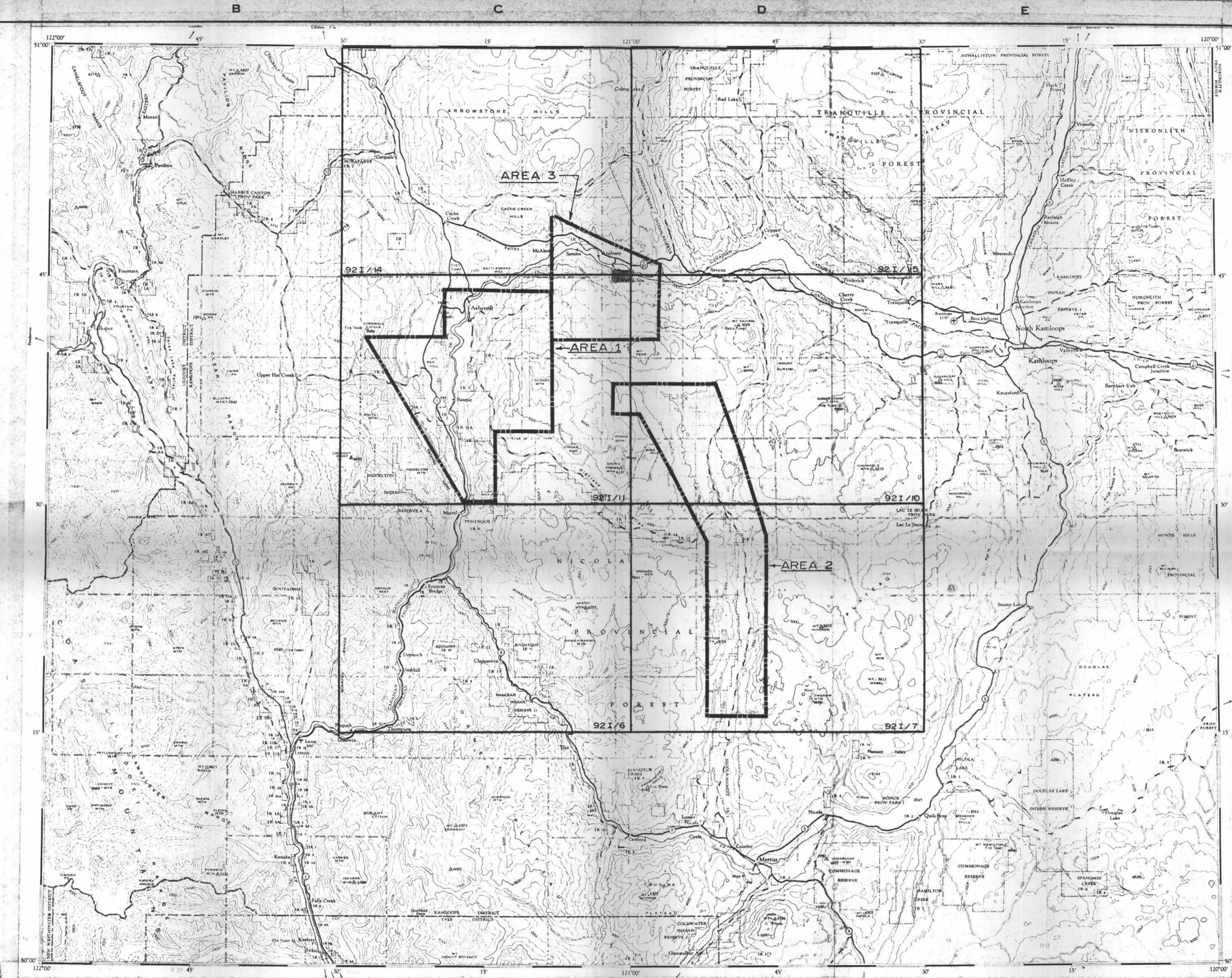
ASSAYER \_\_\_\_\_

SECTION E

-

ILLUSTRATIONS

<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
W-79-1	General Location Plan	1:250,000
W-79-2	Location Plan	1: 50,000
W-79-3	Drill Hole Plan	1: 10,000



MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
**7736**  
 NO.

DATE REVISED	BY	DEPT. - EXPLORATION
		DRAWN BY -
		CHECKED - E. A.
		APPROVED -
		DATE - JAN / 1977
		SCALE - 1:250,000 or 1"=4mi. approx.



TITLE -	
GUICHON PROJECT AREA 3-WALHACHIN GENERAL LOCATION PLAN	
FILE NUMBER -	DRAWING NUMBER -
N.T.S. 92 I	W-79-1

1

2

3

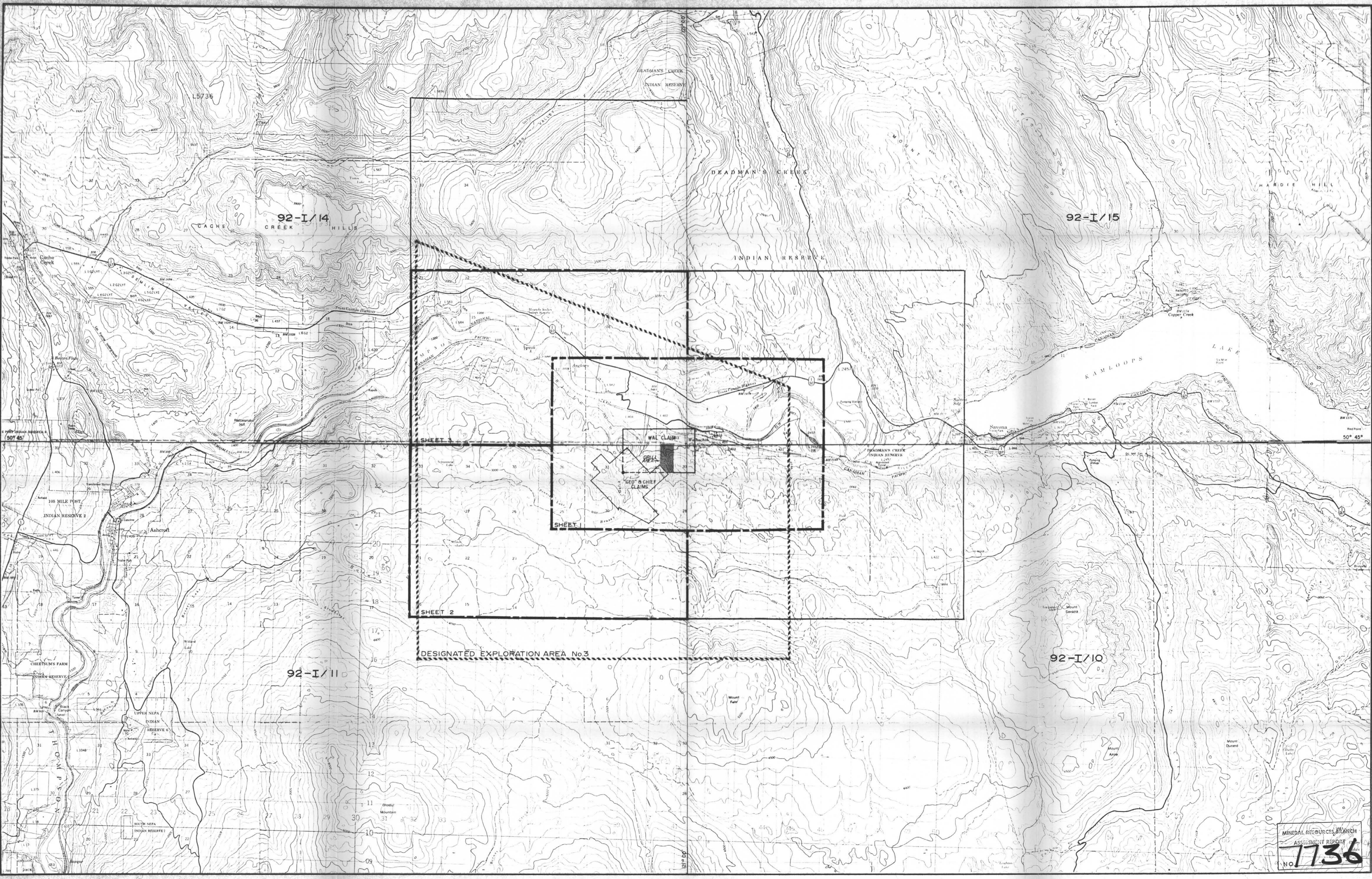
4

TITLE

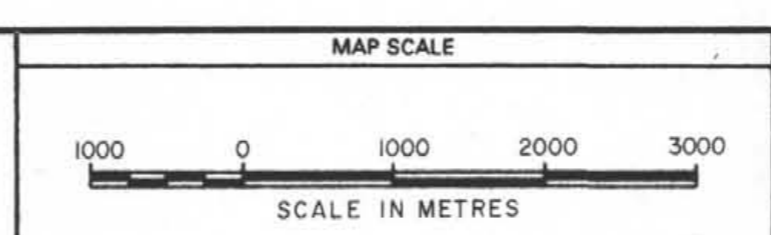
FILE NO.

DRAWING NO.

4



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**1736**  
NO.



No.	Date	MADE BY	DESCRIPTION
1			
2			
3			
4			

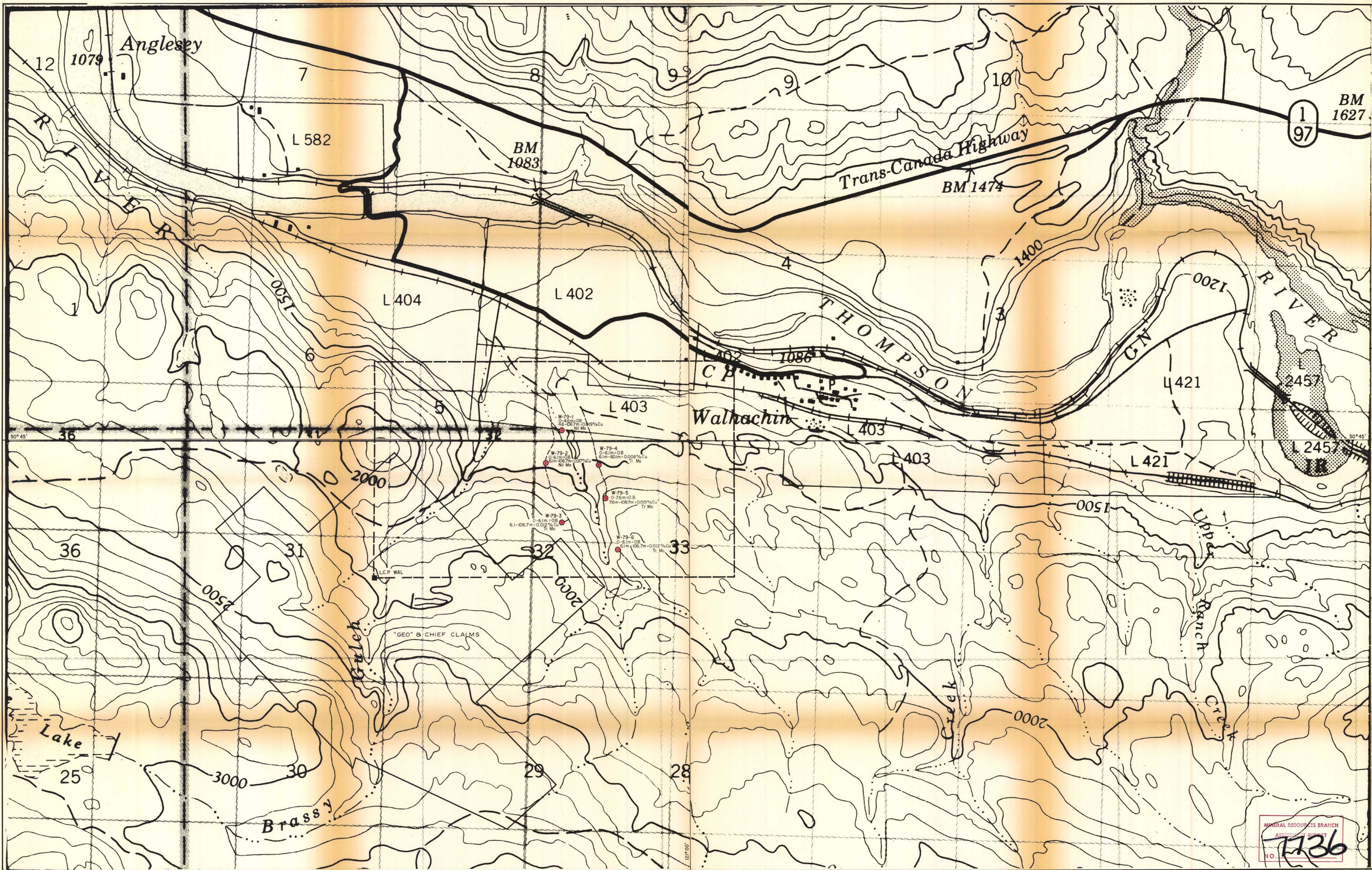
  

DATE	DRAWN BY	CHECKED	APPROVED
DEC. 1978		E.A.	

**B** BETHLEHEM  
COPPER  
CORPORATION

OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
VANCOUVER	EXPLORATION	NTS 92-I/10, 11, 14, 15	1:50,000	W-79-2

GUICHON PROJECT  
AREA 3 - WALHACHIN  
LOCATION PLAN



MINERAL RESOURCES BRANCH  
ASSESSMENT DISTRICT  
NO. **1736**

**LEGEND**

- PERCUSSION DRILL HOLE
- DRILL ACCESS ROAD

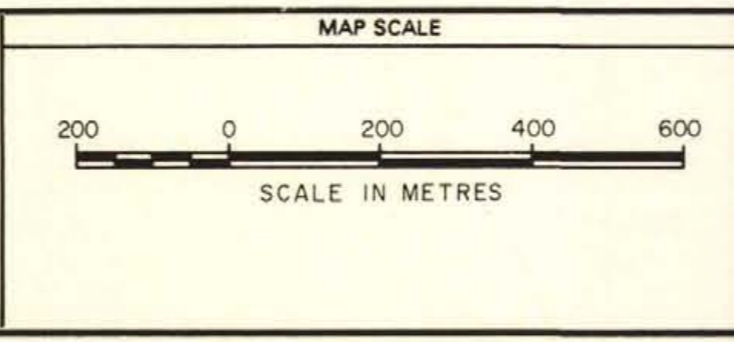
**NTS. SHEET INDEX**

50°45'

92-1/14 92-1/15

92-1/11 92-1/10

121°00'



No.	Date	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
SEPT. 1978		E. A.	

**BETHLEHEM COPPER CORPORATION**

OFFICE: VANCOUVER

DEPARTMENT: EXPLORATION

GUICHON PROJECT  
AREA 3 - WALHACHIN  
(SHEET 1)  
DRILL HOLE PLAN

MAP INDEX NUMBER: NTS. 92-1/10,11,14,15

SCALE: 1:10,000

DRAWING NUMBER: W-79-3