DIAMOND DRILLING REPORT

on the

WET 14 AND WET 17 MINERAL CLAIMS

SARITA RIVER AREA

ALBERNI MINING DIVISION

NTS Sheet	- 92C/15W	UTM Grid	- Zone 10
Latitude	- 48°50'N	North	- 5411000
Longitude	- 124°57'W	East	- 356400

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

April 1, 1980

J. R. Bellamy, Chief Geologist

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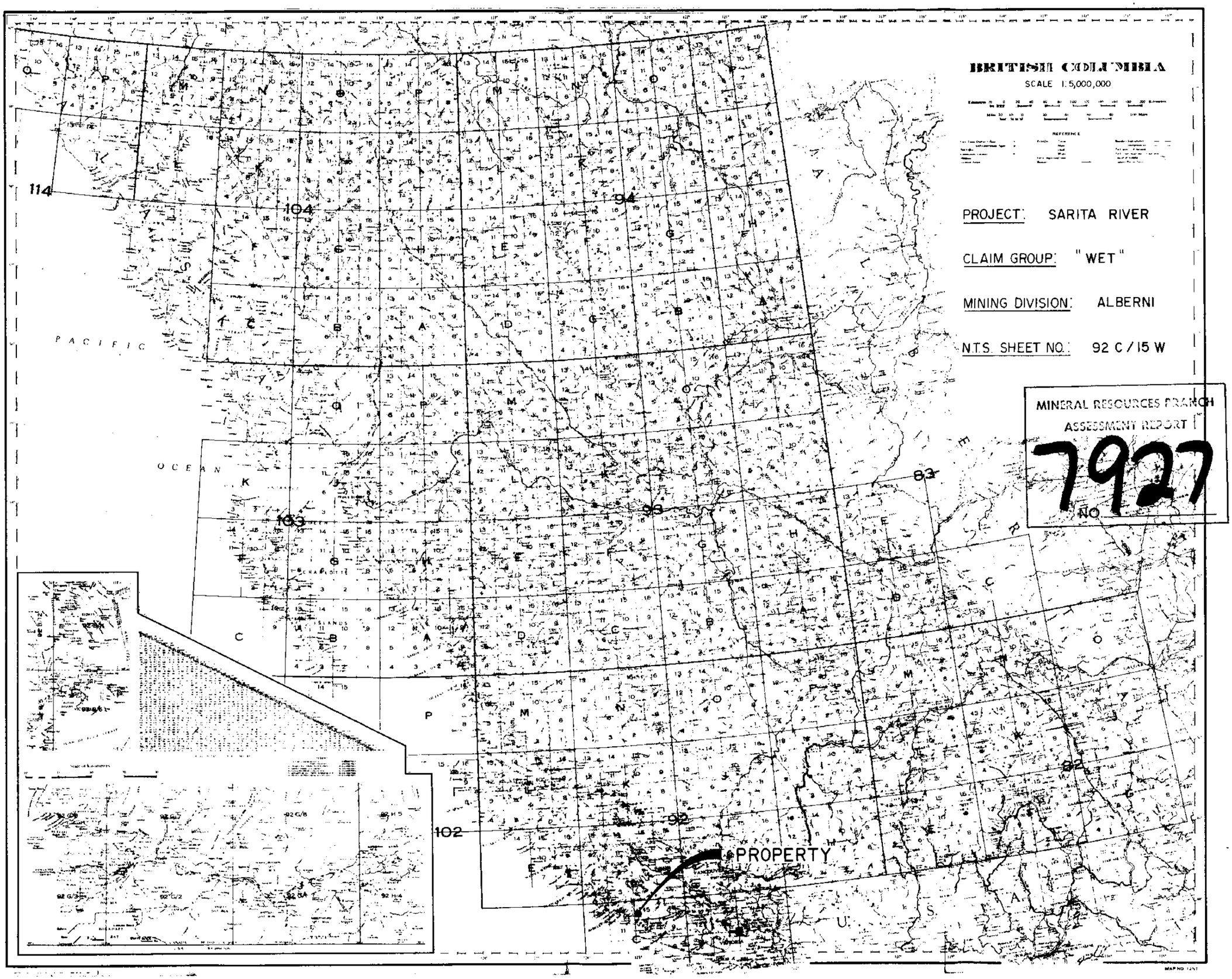

BRITISH COLUMBIA
SCALE 1:5,000,000
REFERENCE
PROJECT: SARITA RIVER
CLAIM GROUP: "WET"
MINING DIVISION: ALBERNI
N.T.S. SHEET NO.: 92 C/15 W
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7927
NO
PACIFIC
OCEAN
PROPERTY
114
104
94
103
93
83
102
92
92 C/6
92 C/7
92 C/2
92 C/3
92 C/4
92 H/5
92 H/4
CHARLOTTE
ISLANDS
MAP NO 1251

SECTION A - SUMMARY OF WORK

Introduction:

The Sarita River property was optioned by Bethlehem Copper Corporation from Amax of Canada Limited in a Joint Venture agreement dated August 29, 1979. To fulfill certain provisions in this agreement it was necessary to conduct an exploratory diamond drilling program on the Wet #3 to Wet #21 mineral claims in the South Sarita River area of Vancouver Island. Three diamond drill holes totalling 2,543 (775 m) were completed in January, 1980 on coincident geophysical and geochemical anomalies that cover a hydrothermally altered sequence of acidic-intermediate volcanic units. The drilling was intended to test at depth a postulated molybdenum porphyry system.

The drill core revealed that the Sarita River property contains a mixed assemblage of Bonanza Volcanics that have been altered, silicified, intruded and weakly mineralized by underlying intrusive rocks. Both the volcanics and the various intrusives have subsequently undergone strong tectonic deformation which has intensified the alteration of these rock units. At depth alteration and structural deformation weakens as does the strength of mineralization, quartz veining and fracturing. The depth potential for a porphyry-molybdenum system is thus not indicated by the January drilling.

Location and Access

The Sarita River property is located in the Alberni Mining Division near the headwaters of the South Sarita River, 13 km due east of Bamfield on the west coast of Vancouver Island. Access is provided to various portions of the claim group by MacMillan Bloedel branch logging roads 211 and 213 which lead off the Central Mainline south road. This road joins the Pachena main road at Frederic Lake,

a road which connects Bamfield to Port Alberni via the Sarita and Franklin Access roads.

Drill site locations were partly predicated on the existence of the old logging branch roads on the property. In December one of these overgrown haulage roads, Branch 211A, was cleared by a bulldozer to provide access to drill sites SR-80-1 and SR-80-3. The third drill site SR-80-2 was situated on the unused branch logging road 213. All the MacMillan Bloedel haulage roads are graveled and can be considered all-weather access roads.

Topography and Physical Environment

The Wet claims of the Sarita River property lie on the southern flank of the South Sarita River Valley at an average elevation of 200 m above sea level. The thick stands of fir, hemlock and spruce that once covered the claim group have been logged off and the area burned to aid in reforestation. Fifteen year old stands of second growth cedar, hemlock and fir now occupy a plantation area in the core of the Sarita River property. Forestry and MacMillan Bloedel plantation management officials requested that we not construct new access roads through the planted area. This necessitated our drilling from sites on old haulage roads. The west coast of Vancouver Island receives heavy precipitation, especially in the winter season but temperatures are essentially mild enough to work all year round. Twenty-five centimeters of snow fell at the start of the January drilling project but this did not hamper the program due to the ease of access.

There are several creeks traversing the claim group, as well as minor water courses that are capable of supplying water to the various drilling locations. These creeks,which form the headwaters of the South Sarita River, are deeply incised in the rugged hills that compose the Sarita property. Bedrock is well exposed on the claim group, especially along the creek bottoms and hill tops. The thin mantle of overburden is composed of boulder clay lying on a few feet of oxidized bedrock.

Mineral Title

The property, located in the Alberni Mining Division, is comprised of one modified grid claim totalling three units and eighteen two-post mineral claims called the Wet claims. The nineteen Wet claims are owed by Amax of Canada Limited (formerly Amax Potash Limited) and are subject to the conditions listed in the Sarita River Joint Venture agreement dated August 29, 1979.

The details of these mineral claims are included in Section E The location of the claim block is illustrated on drawing No. SR-80-2.

Diamond Drilling

The diamond drilling contractor engaged for the Sarita River project was D.W. Coates Enterprises Ltd. of Richmond, British Columbia. The rig that was utilized was a unitized Longyear Super 38 diamond drill. Drill moves and loading and off-loading of the drill rig and ancillary equipment was accomplished with a D7 tractor owned by T. Christian, a local contractor based in Port Alberni and Bamfield. The drilling equipment was mobilized to the property January 8, 1980 and demobilized January 22, 1980.

Drilling commenced on January 9th and was completed January 21st. The first diamond drill hole, SR-80-1, was sited in the centre of the molybdenum geochemical anomaly and angled to the north east in order to cut the Warren Creek fault zone and intersect at depth the quartz monzonites. This hole was drilled at -70° on a bearing of $N75^{\circ}E$ and was terminated at 256 m in propylitically altered granodiorite. Hole SR-80-2, was drilled on the eastern margins of the molybdenum geochemical anomaly near the contact of the eastern granodiorite intrusive and andesite-felsite units. The aim of this drill hole was to test the felsite unit for a quartz-molybdenum stockwork and to try to penetrate the diorite-monzonite contact thought to exist at depth. Neither the volcanics nor the monzonite intrusives

were intersected and the drilled section revealed only an unmineralized border phase diorite cut by feldspar porphyry, diabase and other intermediate dykes. The second hole was drilled at -70°on a N85°W bearing to a depth of 234 m.

The third diamond drill hole was located some 100 m south of the first hole and was drilled to a depth of 285 m at a dip of -60° due west. A long continuous section of weakly mineralized felsites and more intermediate volcanics was intersected before the hole entered shattered and sheared granodiorites at 254 m. Molybdenum values averaged 0.027 Mo from surface to 195 m, while the section below this averaged 0.01% Mo.

The drill core was split and assayed at Acme Analytical Laboratories Ltd. in Vancouver for molybdenum. Selected intervals, normally every fifty feet,were assayed for gold, silver and copper. Lead, zinc and tungsten were geochemically assayed for the same intervals. Values for all elements except molybdenum were insignificant. Logs of the drill core which include the assays of the above elements, except tungsten, are appended to this report in Section D. The assay reports from Acme Analytical Laboratories Ltd. are also appended in this section. The drill hole locations are shown in drawing No. SR-80-3. The core from this drilling program, as well as the assay rejects are stored at the Amax of Canada warehouse.

Geology and Structure

The data collected from the Marshall Creek Copper Company and Amax Potash Ltd. indicated the Sarita River property consists of intermediate to acid volcanics of the Lower Jurassic Bonanza Formation which are intruded by a complex of porphyritic quartz monzonite, diorite, quartz diorite, felsite and feldspar porphyry. The drilling in the core area of the property intersected a complex stratified sequence of

hydrothermally altered andesites, dacites, rhyolites and silicified equivalents of the acid volcanics called felsites. The volcanic units are intruded by dykes and sills of quartz feldspar porphyry, diabase, diorite and andesite. They lie above propylitically altered medium grained intrusives varying in composition from quartz-monzonite to granodiorite. The contact between the volcanics and intrusives is marked by a zone of cataclastic deformation which encompasses both rock types and includes major breccia, shear and fault structures.

In hole SR-80-3, the bulk of the brecciation takes place in acidic volcanics above the intrusive mass and in brecciated diorite dykes and felsic tuffs. A large breccia zone composed of shattered cryptocrystalline quartz was intersected between 169 m and 197 m. Below this zone, molybdenum values drop to background values in fragmental andesites, diorite dykes and in the basement granodiorites.

The granodiorite unit, penetrated at 254 m, in hole SR-80-3 was heavily propylitized and shattered but was less altered towards the bottom of the drilled section. Minor molybdenum occurs in this intrusive as paint on occasional shear faces.

Mineralization

The molybdenum values on the Sarita River property occur primarily in the silicified and biotitized acid volcanic units. The dark green andesitic sections which are altered to chlorite-actinolite, calcite, and epidote, contain quartz-pyrite veins and disseminated fine grained pyrite but rarely host quartz-molybdenite vein stockworks. These stockworks are more common in the biotite hornfelsed felsites where fine molybdenite flakes occur on the margins of fine quartz veins and as disseminations through silica flooded zones.

Several eras of veining and fracturing in the pervasively silicified felsites can be observed from the cross cutting relationships within the quartz-pyrite-molybdenite stockwork zone. The vein relationships from oldest to youngest appear to be:

1) Anastromozing quartz-pyrite veins with margins of calcite and secondary biotite.

2) Veins of pyrite with minor quartz of 1.5 cm in width.

3) Quartz-pyrite-molybdenite veins of 1-2 cm width with MoS_2 on the vein margins.

4) Pyrite healed fracture sets of 1 mm-2 cm in width.

5) Fracture sets healed by epidote and day alteration minerals.

6) Intense shattering and fracturing healed by calcite veining.

Veinlets of similar composition do not usually cross cut each other and indicate a weaker stockwork development than is first apparent from surface exposures.

In the underlying intrusive rocks molybdenite occurs in a few isolated quartz-pyrite veins and as a paint on a number of tight shear faces. Late stage dykes of feldspar porphyry, diabase, and diorite carry only trace molybdenum values. The values are correspondently low in the granodiorite and quartz monzonite intrusives.

Mineral values, however low, appear to increase westward as the felsic volcanics in hole SR-80-1 are not as well mineralized as in hole SR-80-3. This mineralized felsite zone would appear to have a limited extent as the western diorite stock crops out less than 140 metres to the west. This quartz diorite stock is finer grained and more quartz-rich than the eastern diorite quartz monzonite composite stock but it is only weakly propylitically altered and geochemically uninteresting. The strong tectonic

brecciations encountered near the diorite-volcanic contact in holes SR-80-1 and 3 was not observed on the surface exposures of the western diorite stock.

Conclusions and Recommendations

The Sarita River property contains molybdenum mineralization within the more acid units of a mixed assemblage of Bonanza Volcanics that have been altered and intruded by two composite stocks belonging to the Island intrusions. Unlike most Cordillera molybdenum occurrences the mineral values on the Sarita River prospect appear to be confined to the altered volcanic capping and not the intrusive source rocks. The property geology contains many of the characteristics of the Alice Arm molybdenum deposit such as small forcefully emplaced zoned porphyritic quartz monzonite stocks that are intrusive into young volcanic rocks which in turn have been altered to biotite hornfels. The Sarita River property also includes inter-mineral dykes and sills and post mineral felspathic, basaltic and diabase dykes.

The tenor of mineralization encountered in the twelve diamond drill holes and the twenty-one percussion holes on the Sarita River claim group appears to be the maximum that can be expected in the mineralized felsite unit. This unit which has been delineated by the diamond drilling has been drill tested within the property limits and does not contain economic quantities of molybdenum. Assay values indicate copper, lead, zinc, gold, silver and tungsten occur only in trace amounts in the rocks drilled on the Wet claims. The lack of mineralization and alteration in the intrusive rocks suggests that these units are not the host for a porphyry molybdenum system but were probably the souurce of the volatiles that mineralized the overlying acid volcanic units. As the remaining target areas on the property are restricted in size further expenditures on the Sarita River claims are not warranted.

Respectfully submitted

J. R. Bellamy, Chief Geologist

SECTION B - STATEMENT OF EXPENDITURE

Expense Period - November 5, 1979 to March 31, 1980

1. Contracted Services (see accompanying invoices)

(a)	Rayner and Bracht Limited - low bed rental and D-7 bulldozer rental for the preparation of drill sites, roads and landings	
	Invoice dated November 22, 1979	$ 577.22
(b)	E.G. Whalley and Son Ltd. - 200 core boxes and 100 covers	
	Invoice dated January 9, 1980	$ 988.00
(c)	Johnston Terminals Ltd. - Freight charges for core boxes	$ 133.42
(d)	T. Christian Trucking Ltd. - bulldozer rental for drill equipment moves	
	Invoices dated January 8, 14, 18 and 22, 1980	$1,440.00
(e)	D.W. Coates Enterprises Ltd. - diamond drilling contractor	
	Invoice dated January 25, 1980	$56,077.24
(f)	West Coast Air Services Ltd. - air charter from Vancouver to Bamfield and return for geologic personnel	
	Invoice dated January 19, 1980	$ 402.10
(g)	Acme Analytical Laboratories Ltd. - drill core splitting and analysis	
	Invoices dated February 20 and 26, 1980	$ 3,204.60
(h)	Map and Photo Sales (Surveys and Mapping Branch) 24 B.C. Government aerial photographs of general project area	$ 31.20
(i)	Altain Drafting Services Ltd.	
	Drafting - February 1980 - 2 hours	
	March 1980 - 5 hours	
	7 hours @ $16.00/hour	
	= $112.00	
	Printing - March 1980 $ 26.00	
	$138.00	$ 138.00
	TOTAL CONTRACTED SERVICES	$62,991.78

2. Bethlehem Expenditures

(a) Personnel

R.E. Anderson - Exploration Manager 2 days in general project supervision @ $200.00/day	$ 400.00
J.R. Bellamy - Chief Geologist November 5, 6, 20-23 - 6 days December 13, 14 - 2 days January 2-4, 6-11, 28-30 - 13 days February 1, 5-7, 27, 28 - 6 days March 10, 13, 26, 27 - 4 days 30 days in project supervision and evaluation and report preparation @ $139.32/day	$ 4,179.60
D.S. Williams - Geologist January 6-10, 12-25, 28-31 - 23 days February 1 - 1 day 24 days in project supervision and core logging @ $101.78/day	$ 2,442.72
N.B. Jorgensen - Geologist January 16, 17, 21-23 - 5 days 5 days in project supervision @ $105.75/day	$ 528.75
E. Andersen - Property Agent 2 days in data compilation and report preparation @ $107.33/day	$ 123.72
TOTAL PERSONNEL	$ 7,889.45

(b) Transportation

J.R. Bellamy - Ford F-150 4 x 4 November 5, 6, 20-23 - 6 days January 6-10 - 5 days 11 days @ $35.00/day	$ 385.00
D.S. Williams - Ford F-150 4 x 4 January 6-10, 12-25, 28-31 - 23 days February 1 - 1 day 24 days @ $35.00/day	$ 840.00
TOTAL TRANSPORTATION	$ 1,225.00

(c) Living Expenses

(i) Accommodation Charges

- Bamfield Trails Motel - motel units for J.R. Bellamy, D.S. Williams and N.B. Jorgensen for the period from January 7 to 22, 1980

Invoice dated January 24, 1980		$ 513.20
- Holiday Inn (Vancouver City Centre) - accommodation for D.S. Williams for the periods January 3-5 and January 23-31, 1980		
Invoice dated January 6, 1980	$163.65	
Invoice dated February 3, 1980	$452.50	$ 616.15

(ii) Employees Expenses

Employee	Week Ended	Amount	
J.R. Bellamy	Nov. 10. 1979	$ 162.35	
" "	Nov. 24, 1979	173.00	
" "	Jan. 12, 1980	224.38	
D.S. Williams	Jan. 12, 1980	80.32	
" "	Jan. 19, 1980	130.71	
" "	Jan. 26, 1980	227.18	
" "	Feb. 2, 1980	69.92	
N.B. Jorgensen	Jan. 26, 1980	162.75	
		1,230.61	$ 1,230.61

TOTAL LIVING EXPENSES	$ 2,359.96
TOTAL BETHLEHEM EXPENDITURES	$11,474.41
TOTAL PROJECT EXPENDITURES	$74,466.19
TOTAL DRILLING	775.1 m
AVERAGE COST	$96.07/metre

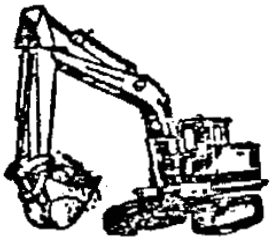
3. Cost Distribution per Mineral Claim

Claim	Record No.	Hole No.	Length (metres)	Cost
Wet 14	20929R	SR-80-1	256.3	$ 24,623.51
		SR-80-3	285.3	$ 27,409.63
			541.6	52,033.14
Wet 17	20932R	SR-80-2	233.5	$ 22,433.05

· James P. Bracht, President — 723-3913 Shop Phone 724-0611

Rayner & Bracht Limited

TRUCKING and EXCAVATING



Bethlehem Copper,
2100 Guinness Tower
1c 5 West Hastings St,
Vancouver B.C. V6E 2H8.

4442 Tenth Avenue,
PORT ALBERNI, B.C.
V9Y 4X7

Nov/49

ACCOUNT RENDERED

Nov 22	D-7 - R.B Shop to Bx 211 A Saivita v vetura		
		6½ hrs @ 40.00 -	260.00
	Driver time	2 hrs @ 18.00 -	36.00
	Driver OT	4 hrs @ 8.01 -	32.04
	D-7	2 hrs @ 50.00 -	100.00
	Operator movetime	6½ hrs @ 20.38 -	132.40
	Operator OT	1 hr @ 8.78 -	8.78
	Permits as ow		8.00
			577.22

851-030 577.22 30-851
110-002 577.22

INVOICE No. _____

INVOICE

PHONE: 433-5141

5791 BERESFORD STREET
BURNABY, B.C. V5J 1J9

DIAMOND DRILL
REPAIRS & SERVICE
CORE BOXES
WIRE-LINE HOISTS

Jan. 9/80

SOLD TO Bathlehem Copper Corp. Ltd.,
1055 West Hastings St.,
VANCOUVER, B.C.
V6E 2H3

ATTN: Mr. Eric Anderson.

SHIP TO
Above, c/o Johnston Terminals
Fort Alberni, B.C.

TERMS: NET 15th OF MONTH FOLLOWING

SALES TAX LIC. No.	[illegible]
S.S.M.A. TAX No.	[illegible]
CUSTOMER'S ORDER No.	
SHIPPING DATE	Jan. 2/80
ORDER DATE	Nov. 14/79
OUR ORDER No.	3782
P.P.D.	X
COLL.	

VIA Johnston Terminals

ORDERED	BACK O.	DESCRIPTION	UNIT PRICE	QTY. SHIPPED	AMOUNT
0 only		NQ Core Boxes	4.05	200	$ 810.00
5 "		" " " Covers	1.40	100	140.00
		4.5 PSI			$ 950.00
					950.00
					$ 950.00
		16-938			

TERMS: ACCOUNTS DUE & PAYABLE ON OR BEFORE 30 DAYS FROM DATE OF INVOICE. 2% PER MONTH CHARGED ON OVERDUE AMOUNTS.

9400

TOTAL $ 950.00

DESTINATION - CONSIGNEE AND ADDRESS

ORIGIN - SHIPPER AND ADDRESS

WAYBILL NO.	COLLECT	DAY MO YR
CUST. NO.	PREPAID	PAYEE REF
DESCRIPTION OF SHIPMENT	RATE	CHARGES

570 BETHLEHEM COPPER CORP LTD

3316

101 E G WHALLEY & SON BBY BC.

		C17437		02 01 0
		064370	XX	3788
38	BDLES CORE BOXES & COVERS	2088	639	133.42
0	CONS ADD: 2100/1055 W HASTINGS ST VAN BC.	0		.00
0	ATTN E ANDERSON	0		.00
0	NOTE- SHIP PPD & CHGE BETHLEHEM COPPER CORP.	0		.00

DECLARED VALUE
$

INT. PRO. NO.

INTERLINE CARRIER

23 taken

Johnston
TERMINALS LIMITED

ABOVE SHIPMENT RECEIVED IN GOOD ORDER EXCEPT AS NOTED
RECEIVER'S SIGNATURE

2

CONSOLIDATED CHARGES

SHIPPER'S C.O.D.

AMOUNT | FEE

DRIVER TO COLLECT $ 133.42

JTL 403 11/76

T. Christian Trucking Ltd.

2337 ANDERSON AVE., PORT ALBERNI, B.C. V9Y 2W7 PH. 723-6008

Job Lost Creek Road Date June 8 1980

DAILY WORK REPORT

Truck and Number Low Bed Mack Shift .....

Hauling for Weldwood Logger

	TOTAL YARDS	No. OF HOURS
To ..... Lds. x Yds.		
Details of Work Done:		
Move Excavator		
drill from Rock		
Low Bed to site		
Atlas D 10 "		24.00
16-851	851.01	
OK J. Bolberg	110.00 N	
Operator's Time		
TOTALS		

Mileage:

START . . ..

FINISH . . ..

John Bell
SIGNATURE

T. Christian Trucking Ltd.

2337 ANDERSON AVE., PORT ALBERNI, B.C. V9Y 2W7 PH. 723-6008

Job Santa Rosa Date Jan 14 1980

DAILY WORK REPORT

Cat + low bed.
Truck and Number Shift Day

Hauling for Bethlehem Copper

To ..... Lds. x Yds. Details of Work Done:	TOTAL YARDS	No. OF HOURS
Move diamond drill from Br. 211 to Br. 213 in Santa Rosa area		
8 hrs cat		320.00
6 hrs low bed		240.00
		560.00
Operator's Time		
TOTALS		

Mileage:
START Atlin DSW
FINISH . . . . . SIGNATURE

ACCOUNT # 016-851

T. Christian Trucking Ltd.

2337 ANDERSON AVE., PORT ALBERNI, B.C. V9Y 2W7 PH. 723-6008

Job ..... Date Jan 18 1980

DAILY WORK REPORT

Cat & Lowbed
Truck and Number

Shift Day

Hauling for Bethlehem Copper

	TOTAL YARDS	No. OF HOURS
To ..... Lds. x Yds.		
Details of Work Done:		
Move diamond drill from Br. 213 back to Br. 211 in Lower Pit area to site #5		
6 hrs cat		240.00
Operator's Time 4 hrs Lowbed		160.00
TOTALS	400	400.00

Mileage:

START . . ..

FINISH . . ..

DSW
SIGNATURE

T. Christian Trucking Ltd.

2337 ANDERSON AVE., PORT ALBERNI, B.C. V9Y 2W7 PH. 723-6008

Job ..... Date Jan 22 1980

DAILY WORK REPORT

Cat + Loaded
Truck and Number

Shift day

Hauling for Bethlehem Copper

	TOTAL YARDS	No. OF HOURS
To ..... Lds. x Yds.		
Details of Work Done:		
Move diamond drill		
from site #3 to		
main Rd and on to		
highboy truck		
Operator's Time Cat ¼ hr Loaded 2 hrs		6 hrs 240
TOTALS		

$1,240.00

Mileage:
START . . ..
FINISH . . . .

DSW
SIGNATURE

JAN 29 ...

D.W. COATES ENTERPRISES LTD.

2560 A Simpson Road.
Richmond, B.C. V6X 2P9

INVOICE NO.: 1659
JOB NO.: 392
DATE: Jan. 25/80

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

RE: Bamfield, B.C. Drilling
PERIOD: Jan. 7 - 23, 1980

Drilling Detail	$49,810.65
Moving Between Holes	154.80
Mobilization & Demobilization	4,411.20
Drilling with Mud	92.59
Dip Tests	354.60
Standby	664.00
Travelling Time	589.40
	$56,077.24

16-938

Drilling Detail

Hole#	Size	From	To	Footage	Rate	Amount
SR 80-1	NQ	0	15	15	18.75	281.25
SR 80-1	NQ	15	500	485	19.10	9,263.50
SR 80-1	NQ	500	841	341	20.30	6,922.30
SR 80-2	NQ	0	10	10	18.75	187.50
SR 80-2	NQ	10	500	490	19.10	9,359.00
SR 80-2	NQ	500	766	266	20.30	5,399.80
SR 80-3	NQ	0	10	10	18.75	187.50
SR 80-3	NQ	10	500	490	19.10	9,359.00
SR 80-3	NQ	500	936	436	20.30	8,850.80
				2543		49,810.65

$49,810.65

Moving Between Holes

Labour & Equipment:

Date	Memo	Man Hrs.	4X4
Jan 14D	Teardown, move, & setup on Hole #2	26	2
	Less Coates Ent. portion	20	-
		6	2
Jan 17D	Teardown on Hole #2	6	-
Jan 18D	Move & setup on Hole #3	14	1
		20	1
	Less Coates Ent. portion	20	-
		0	1
	Total Hrs.	6	3

Labour: 6 hrs. @ 21.80/hr. = 130.80

4x4 : 3 hrs. @ 8.00/hr. = 24.00

$154.80

Mobilization & Demobilization

(a.) Lump Sum

From Base to Job Site Return $3,000.00

(b.) Labour & Equipment

Date	Memo	Man Hrs.	4x4
Jan 8 D	Unload & move to first hole	24	1
Jan 9 D	Finished setup	10	-
Jan 9 N	Line up drill	2	-
Jan 21D	Teardown on last hole	16	1
Jan 22D	Move to load point	12	-
		64	2

Labour: 64 hrs. @ 21.80/hr. = 1,395.20
4x4: 2 hrs. @ 8.00/hr. = 16.00

$1,411.20

$4,411.20

Drilling with Mud

Materials:

12 Bags Super Gel X @ 4.21/bag	=	50.52
Freight: 600# @ 5.00/100	=	30.00
		80.52
Plus 15%		12.07

$92.59

Dip Tests

Hole# SR 80-1	Test @ 500'
Hole# SR 80-1	Test @ 841'
Hole# SR 80-2	Test @ 500'
Hole# SR 80-2	Test @ 766'
Hole# SR 80-3	Test @ 500'
Hole# SR 80-3	Test @ 936'

Total: 3 tests @ 3 x 19.10	=	171.90
: 3 tests @ 3 x 20.30	=	182.70

$354.60

Standby

Labour & Equipment:

Date	Memo	Man Hrs.	Drill
Jan 17D	Wait for tractor	4	2
Jan 17N	" "	16	8
Jan 18D	" "	4	1
		24	11

Labour:	24 hrs. @ 18.50/hr.	=	444.00
Drill:	11 hrs. @ 20.00/hr.	=	220.00

$664.00

Travelling Time

Labour & Equipment:

Date	Memo	Man Hrs.	Drill
Jan. 9	Travel to & from drill	2	1
Jan. 10	" "	1	½
Jan. 12	" "	2	1
Jan. 13	" "	2	1
Jan. 14	" "	2	1
Jan. 15	" "	2	1
Jan. 16	" "	2	1
Jan. 17	" "	1	½
Jan. 18	" "	3	1
Jan. 19	" "	2	1
Jan. 20	" "	2	1
Jan. 21	" "	2	1
		23	11

Labour: 23 hrs. @ 21.80/hr. = 501.40

4x4: 11 hrs. @ 8.00/hr. = 88.00

$589.40

WEST COAST AIR SERVICES LTD.
HEAD OFFICE: 5180 AIRPORT ROAD SOUTH
VANCOUVER INTERNATIONAL AIRPORT, SOUTH
VANCOUVER, B.C. V7B 1B4
CHARTER ACCOUNTS 273-7211 278-8431

CHARTERED TO:
- [illegible]
- 1185 W HASTINGS ST
- VANCOUVER B.C.

CASH ☐
CHEQUE ☐
CHARGE ☑

NO. A 48017

WEST COAST AIR

DATE: [illegible] 21 1980

FROM		NO. OF PASS.	WT.	HRS.	MILES
TO	[illegible]				
TO	[illegible]				
TO					
TO					
TO					
TO	YC 854-016	402.10			
TO	110-002			402.10	
TO					
TO					
TO					
TO					
TO					

	RATE	$
MILEAGE [illegible] @	120	241
CRUISE @		
WAITING HOURS 1.1 @	35	38
EXTRA LANDINGS		
MIN. FL. @		
PILOT'S EXPENSES		
TOTAL CHARGE		43

PASSENGERS' ACCEPTANCE OF CHARTER AND CONDITIONS OF CARRIAGE AS SHOWN ON THE REVERSE SIDE OF PASSENGERS' COUPON.

[illegible]

AIRCRAFT [illegible]

PILOT

AUTHORIZING SIGNATURE

INVOICE

NAMES OF PASSENGERS		
IV-JOHNSON		

ACME ANALYTICAL LABORATORIES LTD.

FEB 21 1980 CAV JRBL

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

Feb. 20, 1980
File # 80-032

Bethlehem Copper Corporation,
#2100 - 1055 W. Hastings St.,
Vancouver, B.C.
V6E 2H8

TERMS:
NET TWO WEEKS INTEREST AT 1½% PER MONTH CHARGED ON OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Mo assays @	$5.00	$1260.00
44	Additional Cu, Ag, & Au assays @	9.75	429.00
2508 ft.	Core Spliting @	.50/ft.	1254.00
252	Plastic bag @	.20	50.40
			$2993.40

16 - 542 OK

SHIPPING CHARGES:

842-011
110-002

16-842

PLEASE PAY LAST AMOUNT

ACME ANALYTICAL LABORATORIES LTD.

EA.
JGV

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

Feb. 26, 1980
File # 80-070

Bethlehem Copper Corporation,
#2100 - 1055 W. Hastings St.,
Vancouver, B.C.
V6E 2H8

TERMS:
NET TWO WEEKS INTEREST AT 1½% PER MONTH CHARGED ON OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
44	Geochem Pb & Zn assays @	$1.80	$ 79.20
	Geochem W assay @	3.00	132.00
			$211.20

SHIPPING CHARGES:

16-842

PLEASE PAY LAST AMOUNT

BAMFIELD TRAILS MOTEL

Phone 728-3231 P. O. Box 7

BAMFIELD, B. C.

IN ACCOUNT WITH — DATE Jan. 24 1980

Bethlehem Copper Corp.

2100 Guinness Tower

1055 West Hastings St.

Vancouver, B.C. V6E 2H8.

DATE	TO BALANCE ACCOUNT RENDERED	CHARGE	CREDIT	BALANCE
Jan 24/80	Units 11 & 12	488 00		
Jan 24/80	T. Jorgensen	25 20	1	513 20
	902-016			
	110-002			
	16-902			

TERMS: NET 30 DAYS. INTEREST AT 2% PER MONTH WILL BE CHARGED ON OVERDUE ACCOUNTS

STATEMENT
PLEASE PAY LAST AMOUNT SHOWN IN THIS COLUMN

John McClung

CHG.

ADD.

CC. NO.

NAME: DAVID S. WILLIAMS

ADD: 2100-1055 WEST HASTINGS CITY: VANCOUVER

FIRM: BETHLEHEM COPPER CORP. COM. NO.

ROOM NO.	NO. IN PARTY	RATE	LENGTH OF STAY	DATE ARRIVED	MAKE OF CAR	LICENCE NO.
1112		45.00 & 25.00		Jan. 7/80		

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TOTAL
ROOMS	45 00	45 00	45 00	25 00	25 00	25 00	25 00	235 00
Jan. 14/80	25 00	25 00	25 00	25 00	25 00	25 00	25 00	175 00
MISC. Jan 21/80	25 00	25 00						50 00
						Laundry		5 00
TAX	4 75	4 75	3 50	2 50	2 50	2 50	2 50	23 00
TOTAL	99 75	99 75	73 50	52 50	52 50	52 50	52 50	488 00

NOTICE TO GUESTS

THE MANAGEMENT WILL NOT BE RESPONSIBLE FOR ACCIDENTS OR INJURY TO GUESTS, OR FOR LOSS OF MONEY, JEWELRY OR VALUABLES OF ANY KIND BY FIRE OR THEFT.

TOTAL 488.00

LESS ADVANCE

BALANCE DUE

FLAG INN

Bamfield Trails Motel

Box 7, Bamfield, B.C. V0R 1B0

Telephone 728-3231

No 1081

CHG.

ADD.

CC. NO.

NAME: Neil Jorgensen

ADD: #2100-1055 W. Hastings St. Van. CITY

FIRM: Bethlehem Copper Corp COM. NO.

ROOM NO.	NO. IN PARTY	RATE	LENGTH OF STAY	DATE ARRIVED	MAKE OF CAR	LICENCE NO.
#11	1	24.00	1 nite	Jan. 22/80		

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TOTAL
ROOMS		24 00						24 00
MISC.								
TAX		1 20						1 20
TOTAL		25 20						25 20

NOTICE TO GUESTS

THE MANAGEMENT WILL NOT BE RESPONSIBLE FOR ACCIDENTS OR INJURY TO GUESTS, OR FOR LOSS OF MONEY, JEWELRY OR VALUABLES OF ANY KIND BY FIRE OR THEFT.

TOTAL 25 20

LESS ADVANCE

BALANCE DUE

FLAG INN

Bamfield Trails Motel

Box 7, Bamfield, B.C. V0R 1B0

Telephone 728-3231

No 1098

ROOM CHAMBRE | DEPART. DATE DATE DU DÉPART | RATE TARIF

9 [illegible] 27 [illegible]

GUEST SIGNATURE
X SIGNATURE DU CLIENT David S. Williams

INNKEEPER'S APPROVAL
APPROBATION DE L'AUBERGISTE

MEMO	DATE	REFERENCE	CHARGES FRAIS	CREDITS	BALANCE SOLDE	PROOF PREUVE
	JAN-30	ROOM 1723	C* 43.00			
	JAN-30	TAX 1723	C* 2.15		* 45.15 *	A* 45.15
	JAN-40	CSHOP 1723	A* 5.10		* 50.25	C* 50.25
	JAN-40	ROOM 1723	C* 43.00			
	JAN-40	TAX 1723	C* 2.15			
	JAN-40	PHONE 1723	C* .25		* 95.65 *	C* 95.65
	JAN-50	CSHOP 1723	C* 8.35		* 104.00	C* 104.00
	JAN-50	RSERV 1723	C* 7.25		* 111.25	C* 111.25
	JAN-50	RSERV 1723	C* 7.25		* 118.50	C* 118.50
	JAN-50	ROOM 1723	C* 43.00			
	JAN-50	TAX 1723	C* 2.15		* 163.65 *	

00 * 163.65

C* 163.65

JAN-60 BACK

Thank You! Merci!

NUMERO DE CHAMBRE ROOM NUMBER		
1723	Chèque personnel Personal Cheque ☐	FACTURATION A LA COMPAGNIE COMPANY BILLING ☒
	Facturation personnelle Personal Billing ☐	CREDIT REFUSE CREDIT REFUSED ☐

Nom/Name WILLIAMS D

Adresse (ou remarques) Address (or remarques) Cellichem Corp C/O

SIGNATURE D'APPROBATION/APPROVAL SIGNATURE

SIGNATURE DU CLIENT/GUEST'S SIGNATURE

F1765 5/75

MOUNT SHOWN
E DERNIER MONTANT INDIQUÉ

RATE TARIF

TO FOLIO AU FOLIO

OUVER–CITY CENTRE

PHONE (604) 669-9211

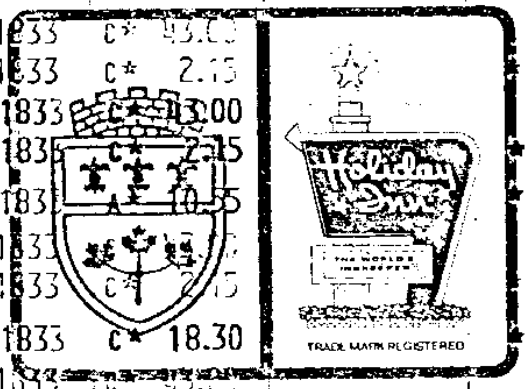
ROOM CHAMBRE | DEPART. DATE / DATE DU DÉPART | RATE - TARIF

9

GUEST SIGNATURE / SIGNATURE DU CLIENT

INNKEEPER'S APPROVAL / APPROBATION DE L'AUBERGISTE

MEMO	DATE	REFERENCE	CHARGES / FRAIS	CREDITS	BALANCE / SOLDE	ROOM / PREUVE
						B* .00
	JAN23	RSERV1833	B* 6.45		* 6.45	C* 6.45
	JAN23	ROOM 1833	C* 43.00			
	JAN23	TAX 1833	C* 2.15		* 51.60 *	C* 51.60
	JAN24	ROOM 1833	C* 43.00			
	JAN24	TAX 1833	C* 2.15		* 96.75 *	C* 96.75
	JAN25	ROOM 1833	C* 43.00			
	JAN25	TAX 1833	C* 2.15		* 141.90 *	A* 141.90
	JAN26	CSHOP 1833	A 10.55		* 152.45	C* 152.45
	JAN26	ROOM 1833	C* 43.00			
	JAN26	TAX 1833	C* 2.15		* 197.60 *	C* 197.60
	JAN27	DROOM 1833	C* 18.30		* 215.90	C* 215.90
	JAN27	ROOM 1833	C* 43.00			
	JAN27	TAX 1833	C* 2.15		* 261.05 *	C* 261.05
	JAN28	ROOM 1833	C* 43.00			
	JAN28	TAX 1833	C* 2.15		* 306.20 *	C* 306.20
	JAN29	HUBERY BRCK	C* 45.00			
	JAN29	TAX 1833	C* 2.15		* 351.35 *	



Thank You!

Merci!

REVENEZ BIENTÔT

COMPANY & DEPT. / COMPAGNIE ET DÉPT

ADDRESS / ADRESSE

CITY / VILLE PROV.

ATTENTION / A L'ATTENTION

PLEASE PAY LAST AMOUNT SHOWN — VEUILLEZ PAYER LE DERNIER MONTANT INDIQUÉ

ROOM / CHAMBRE	RATE / TARIF
1833	43.00

FROM FOLIO / DU FOLIO

TO FOLIO / AU FOLIO 71037

1133 WEST HASTINGS ST.
VANCOUVER, B.C. V6E 3T3
PHONE (604) 689-9211

Holiday Inn® VANCOUVER—CITY CENTRE

ROOM CHAMBRE | DEPART. DATE / DATE DU DÉPART | RATE / TARIF

9

GUEST SIGNATURE / SIGNATURE DU CLIENT Dave Williams

INNKEEPER'S APPROVAL / APPROBATION DE L'AUBERGISTE

MEMO	DATE	REFERENCE	CHARGES / FRAIS	CREDITS	BALANCE / SOLDE	PROOF / PREUVE

TRADE MARK REGISTERED

Thank You! *Merci!*

00 HURRY BACK 452.50 REVENEZ BIENTÔT 9000 FEB-30IRCR

452.50

COMPANY / DEPT. / COMPAGNIE / ET DÉPT

ADDRESS / ADRESSE: Bethlehem Copper

CITY / VILLE / PROV.: 2100 - 1055 West Hastings

ATTENTION / À L'ATTENTION: Vancouver, BC

PLEASE PAY LAST AMOUNT SHOWN.
VEUILLEZ PAYER LE DERNIER MONTANT INDIQUÉ

ROOM CHAMBRE	RATE TARIF

FROM FOLIO / DU FOLIO: 30 TO FOLIO / AU FOLIO: 969

1133 WEST HASTINGS ST.
VANCOUVER, B.C. V6E 3T3
PHONE (604) 689-9211

Holiday Inn® VANCOUVER–CITY CENTRE

SECTION C - STATEMENT OF QUALIFICATIONS

John R. Bellamy

1. Attended the University of Calgary from 1966 to 1970 and graduated with a B.Sc., Geology.

2. Geologist with Cominco Ltd. from May to September 1970 carrying out field exploration in the Yukon.

3. Geologist with Cominco Ltd. from May to September 1971 carrying out exploration and mine geological work in the Pinchi Lake area of central British Columbia.

4. Commenced employment with Bethlehem Copper Corporation in September 1971 and has been continuously employed by this firm and involved in the following activities:

   (a) September 1971 to September 1972 - engaged at the Highland Valley operations as an exploration geologist working on the J.A. Project; a large scale drilling program.

   (b) September 1972 to April 1973 - assigned to Bethlehem's subsidiary, Betheire Mines Ltd., to conduct property evaluations and co-ordinate exploration programs in the Republic of Ireland.

   (c) May 1973 to September 1973 - carrying out regional geological mapping programs in the Yukon and Northwest Territories.

   (d) October 1973 to June 1974 - engaged on a large scale diamond drilling program on the Iona and Jersey zones at the Highland Valley operations.

   (e) July 1974 to September 1974 - assigned to the Arctic Red Syndicate, a large scale regional venture in the Mackenzie Mountains of the Yukon and Northwest Territories.

   (f) October 1974 to March 1975 - managed Bethlehem's branch office in Manila, Philippines and carried out mineral property evaluations.

   (g) April 1975 to December 1975 - engaged as Project Geologist on a number of properties including the Rev group in the Northwest Territories and the Sierra Madre in Sonora, Mexico.

(h) 1976 - Project Geologist working on various programs including the Bear-Twit (Northwest Territories), Victorio Mtns. (New Mexico), and general work in Nevada and British Columbia.

(i) 1977 - Project Geologist on the Little Hatchet property (New Mexico), Frogmoore Lakes (B.C.), Arctic Red (N.W.T.), and Sheba property (B.C.).

(j) January to June 1978 - general property examinations and reviews in British Columbia.

(k) July to September 1978 - Project Geologist in charge of the Skeena Project, a large scale regional sampling program in northwestern B.C.

(i) September 1978 - appointed Chief Geologist for Bethlehem Copper.

SECTION D - Drill Hole Data

Drill Hole Record

Drill Hole Logs

- SR-80-1
  SR-80-2
  SR-80-3

Assay Reports

BETHLEHEM COPPER CORPORATION — DRILL HOLE RECORD

PROJECT: SARITA RIVER
DRILL TYPE: Diamond
FIELD SUPERVISOR: J. R. Bellamy, D.S. Williams
PROPERTY LOCATION: 13 km east of Bamfield

DRILL HOLE NO.	DATE		OVERBURDEN		ROCK		TOTAL DEPTH	DIP	BEARING	LOCATION of HOLE (CLAIM NAME)	REMARKS
	COMMENCED	COMPLETED	INTERVAL DRILLED	INTERVAL SAMPLED	INTERVAL DRILLED	INTERVAL SAMPLED					
SR-80-1	Jan. 9/80	Jan. 14/80	0-15	nil	15-841	826'	841	70°	75°	Wet 14	5+50 S; 6+50 E
SR-80-2	Jan. 15/80	Jan. 17/80	0-10	nil	10-766	756'	766	70°	275°	Wet 17	2+00 S; 26+80 E
SR-80-3	Jan. 18/80	Jan. 21/80	0-10	nil	10-936	926'	936	60°	270°	Wet 14	8+80 S; 5+70 E
TOTAL				nil		2508'	2543				

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SABITA RIVER		Latitude: 5+50S	Hole No. SR80-1
Area: ALBERNI MINING DIVISION		Departure: 6+50E	Commenced: 9-1-80
Purpose: EXPLORATION		Elevation: 615'	Completed: 14-1-80
Contractor: D.W. COATES ENTER. LTD.	Drill Type: LONGYEAR SUPER 38 Core Size: NQ	Length: 841'	Logged by: DSW
		Overburden: 15'	Sheet No. 1 of 8
		Az. N75°E Dip: 70°	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	ALTERATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
0-15' Overburden	Py, MoS_2	minor FeOx	strg sil-Py	15 to 20 19226			.011		ppm	ppm	100
15-16.3' Light grey-green inter. volcanics; highly fractured and healed with qtz and carb.; diss. and veinlet pyrite; veinlet MoS_2 (1-3mm) 16', 19.8'.	"		"	20 to 30 19227			.019				100
16.3-23.7' Dark red-brown to black, assimilated Hornfels fragments in dark grey-green volcanics; highly fractured with qtz and carbonate veinlets; diss. and veinlet Py and MoS_2	"		"	30 to 40 19228			.018				100
	"		"	40 to 50 19229			.021				100
23.7-42.8' Light-dark grey, silicified, fine-grained volcanics; unaltered volcanics are fg, light-dark green; zone is highly fractured; qtz and carb. veinlets; veinlet and diss. Py; veinlet MoS_2 24.8, 27.1, 28.4, 29.6, 30.1, 34.7, 36.4, 37, 42.8.	Py, minor MoS_2		strg sil-ser-Py	50 to 60 19230	.01	001	.013	.01	5	18	100
	"		"	60 to 70 19231			.009				100
	"		strg sil-ser-Py in volcanics	70 to 80 19232			.004				100
42.8-52.5' Dark red-brown, assimilated Hornfels fragments in light grey-green, fine grained intermediate volcanics; qtz and carb. veinlets; highly fractured and healed with qtz; minor fault (51.4-52.3)	Py			80 to 90 19233			.001				100
	Py, minor MoS_2		strg sil-ser-Py sec. biotite	90 to 100 19234			.010				100
45-50° black sheared Py on broken fract.; veinlet and diss Py; veinlet MoS_2 43.8', 45.5;	"		"	100 to 110 19235	.01	001	.016	.01	9	22	100
52.2-73.1' Light-dark grey, silicified acidic volcanics; highly fractured and broken; black, smeared Py on fractured and minor shears; diss and vienlet Py; qtz and carb. veinlets; carb assoc with post-mineral shearing and faulting; light-dark green sericitic alteration of the felsic volcanic host assoc with qtz-Py stringers;	"		strg sil-ser-Py-biotite	110 to 120 19236			.016				100
	Py		"	120 to 130 19237			.004				100
	Py		" in volc.	130 to 140 19238			.001				100
73.1-76' Dark-light green, feldspar Por. (see description below)	"		strg sil-ser-Py sec. biotite in	140 to 150 19239			.002				99

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 2 of 8
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS	% RECOV
76-78.2 Light-dark grey, fine grained, felsic volcanics; shattered and fractured; qtz and carb. veinlets; strg. ser-sil alter. assoc. with qtz-Py veining;				to		
78.2-89' Dark-light green, feldspar porphyry dike; euhedral-subhedral, light green, feld. Pheno. in dark green, fg, groundmass; 30-40% Pheno.; strg. prop. alter. (cal-ep-chl); carb. veining; dike is post-mineral; upper contact irregular, lower contact sharp 50° along shear				to		
89-132.2' Dark red brown Hornfels fragments in light-dark grey felsic volcanics, highly shattered and fractured; healed with qtz and carb.; strg. sil-ser assoc. with qtz-Py-MoS_2 veining; where ser. alter. is pronounced rock is mottled, light-dark grey-green; diss and veinlet Py; veinlet MoS_2 90.7, 94.7, 101.8, 111.3; (Minor fault 111.7-112.8, 120)	diss			to		
132.2-146.2' Light-dark-green, fine grained post-mineral, porphyritic andesite dike; 30% subhedral plagioclase Pheno. (.5-1mm); strg. prop alter.; carb and epidote on fract diss Py; minor faults, 135.8 (75°), 142.1-142.8 (60-70°) healed with carb.; upper contact sharp (50°) lower contact irregular (45-50°); dike truncates qtz veining in adj. felsic volcanics				to		
146.2-149.2' Light grey-green, altered, felsic volcanics; shattered and fract.; healed with carb. and qtz veining; strg ser-bio; diss and veinlet Py				to		
149.2-150.6' Lg-dark green, post mineral andesite dike; both contacts sheared; strg prop alteration.				to		

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 3 of 8
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
150.6-152.7' Light grey-green, altered, felsic volcanics; sheared and broken	Py		strg sil-ser-Py-bio	150 to 160 19240	.01	001	005	.01	10	60	100+
152.7-153.9' Lg-dark green, post-mineral porphyritic andesite dike; diss Py				to							
153.9-196.9' Light-dark grey, altered fine grained acidic volcanics; strg sil-ser-bio-Py alteration; sericite is fine grained, light-dark grey-green with diss Py; secondary biotite is mottled, red brown with occasional massive replacements, both are assoc with qtz-Py-MoS_2 veining; zone is shattered and fractured, healed with qtz; Py and carb veinlets (.5mm-1cm); fractures and shears lined with black, smeared Py; diss and veinlet-Py; veinlet-MoS_2 -163.3, -166, 167.6 171.9, 172, 177.2, 180.4, 181.9, 185.4, 188.3, 190.8, 191.5, 194	Py, minor MoS_2		strg sil-ser-Py-bio	160 to 170			007				100+
				to							
	"		"	170 to 180			017				100
				to							
	"		"	180 to 190			013				100
196.9-216' Dark grey-green, fine grained, altered diorite; strg sil-ser-bio-Py-chl alteration; qtz-and carb veining; qtz-Py veinlets; upper contact is sheared/faulted zone merges with fault at depth;				to							
	"		"	190 to 200			021				100+
216-238' Warren Creek Fault Zone; intense zone of shearing and brecciation; extensive development of grey-black gouge material; Rx appears bleached in places; minor epidote diss Py; any pre-existing veining has been destroyed; zone forms boundary between overlying felsic volcanics and intrusives at depth; veining and Py-Mo mineralization is almost wholly within the upper volcanic unit; abundant carbonate.				to							
	Py		"	200 to 210			006				100+
				to							
	"		"	210 to 220 19246			007				100+
				to							

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 4 of 8
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
238-351.3' Light grey-green medium grained (3-7mm), inequigranular, altered qtz monzonite-granodiorite; 1-3% biotite, 30-40% quartz, 50-60% feldspar; subhedral-euhedral biotite and feldspar with interstitial qtz; diss Py; biotite→chl-ep; texture is indistinct having a granulated aspect; carb. on frac.; no qtz-Py veining or stockwork; rx is shattered; mod. prop alteration; at 286' mod→strong prop. alter. rx is light-dark grey-green; texture indistinct, granulated; minor fault (299.2); chl-carb-Py on fract.; change from mod to strg prop. alter. may correspond with transition to a finer-grained GRDI-Qtz Diorite intrusive; fault w/ gouge and carb (348.7-351.3)	Py			220 to 230 19247			.008				100
				to							
	Py		mod. chlorite-ep	230 to 240			.007				100
				to							
	Py		"	240 to 250	.01	.001	.002	.01	7	25	100
				to							
	Py		"	250 to 260			.008				100
351.3-359.4' Dark grey-green porphyritic andesite dike; 10-15% anhedral plag. Pheno. in fg, dark green groundmass; diss Py; both contacts sheared/faulted.				to							
	Py		"	260 to 270			.001				100
359.4-375' Light-dark grey-green med. grained, altered Qtz monzonite-granodiorite; diss Py; competent rx.				to							
375-376.6' Dark green, fg, porphyritic, andesite dike; diss Py; contacts sheared/faulted; plag.→epidote	Py		"	270 to 280			.001				100
376.6-379.9' QM-GRDI intrusive				to							
379.9-380.2' Dark green, porphyritic andesite dike; plag→epidote; diss Py; upper contact obscured, lower contact sharp, 40-50°	Py		"	280 to 290 19253			.001				100
380.2-501.2' Light-dark, grey-green, med. grained, inequigranular por. qtz monzonite-granodiorite; mod prop alteration; diss				to							

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER
Area:
Purpose:
Contractor:
Drill Type:
Core Size:

Latitude:
Departure:
Elevation:
Length:
Overburden:
Az. Dip:

Hole No.
Commenced:
Completed:
Logged by:
Sheet No. 5 of 8
Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
Py; rx is quite competent with relatively low fracture density (1-2/ft); qtz-Py veining or stkwk. is noticeably lacking; fractures 35-45° 1 MoS_2/qtz veinlet (2mm) 400.3'; 1 cm qtz-Py-MoS_2 veinlet = 35°, 440.8'; 1.5 cm qtz-Py veinlet (35°), 447.1'.	Py		mod. prop. chl-ep-cal	290 to 300 19254	.01	001	001	.01	6	23	100
	Py		strg prop. chl-ep-cal	300 to 310			003				100
	Py		"	310 to 320			002				100
	Py		"	320 to 330			001				100
			"	330 to 340			001				100
	Py, minor MoS_2		"	340 to 350	.01	001	003	.01	10	23	100
	Py		mod. prop.	350 to 360			001				100
	Py		weak prop. chl-ep-cal	360 to 370			001				100
	Py		mod. prop. chl-ep-cal	370 to 380			001				100
	Py		mod. prop.	380 to 390			001				100
	Py		"	390 to 400	.01	002	001	.01	12	25	100
	Py, minor MoS_2		"	400 to 410			001				100
	Py		weak prop.	410 to 420			001				100
	Py		weak prop.	420 to 430 19267			001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 6 of 8
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
	Py		mod. prop. chl-ep-cal	430 to 440 19268			001				100+
	Py		mod. prop.	440 to 450	.01	001	001	.01	6	24	100+
	"		"	450 to 460			001				100+
	"		"	460 to 470			001				100+
	"		"	470 to 480			001				100+
	"		"	480 to 490			001				100+
	"		"	490 to 500	.01	001	001	.01	8	39	100+
501.2-501.8' Minor fault, 50-55°; chlorite + calcite and gouge	"		"	500 to 510			001				100+
501.8-506.4' Light grey-green, altered QM-GRDI	"		"	510 to 520			005				100+
506.4-508.3' Dark green, porphyritic diabase dike; upper contact 50°; lower contact 35°; plag→epidote	"		"	520 to 530			001				100+
508.3-508.8' Light grey-green alter. QM-GRDI	"		"	530 to 540			001				100+
508.8-509.8' Dark green, fg, por., diabase dike; plag→epidote											
509.8- Light-dark grey-green, med. grained (3-7mm), inequigranular-porphyritic QM-GRDI; mod. prop. alt.; cal+chl+hem on fractures; microfractured; biotite is fresh-to-slightly-chloritic; fractures 38-60°	"		"	540 to 550	.01	001	001	.01	7	23	100
	"		"	550 to 560			001				100+
	"		"	560 to 570 19281			001				100+

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 7 of 8
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV.
At 597.4 mod. prop. →strg argillic alter. lending a tan-buff colored appearance to the core; alteration interface is gradational hematite is assoc with shear at 598.7, 606.4, 617; anhedral qtz (3-5mm) is much more apparent through this zone; micro-fracturing is still quite common; shearing/ faulting 60-70° arg→mod. prop.+K-spar gradational 619-623'; pyrite is much less common; secondary K-spar+mod. prop. is present below arg. zone; rx is competent occasional fragments or xenoliths of microdiorite.			mod. prop. chl-ep-cal	570 to 580			.001				100
			mod. prop.	580 to 590			.001				100
			mod. prop. strg. arg.	590 to 600			.001				100
			strg. arg.	600 to 610			.001				100
			strg. arg mod. prop.	610 to 620			.001				100
			mod. prop. w. K-spar	620 to 630	.01	.001	.001	.01	6	28	100
			"	630 to 640			.001				100
			"	640 to 650			.001				100
			"	650 to 660			.001				100
			"	660 to 670			.001				100
			"	670 to 680	.01	.001	.001	.01	6	24	100
			"	680 to 690			.001				100
			"	690 to 700			.001				100
			mod. prop.	700 to 710			.001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER
Area:
Purpose:
Contractor: Drill Type: Core Size:

Latitude: Departure: Elevation: Length: Overburden: Az. Dip:

Hole No.
Commenced:
Completed:
Logged by:
Sheet No. 8 of 8
Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
Light-dark, grey-green, medium grained (3-7mm) inequigranular-porphyritic, granodiorite-qtz diorite from 710-841; weak-mod. prop. alt. (chl-ep-cal); pervasive microfracturing otherwise competent; chl-ep-cal on fractures; shearing 758.9-759.5, healed; minor diss Py; intrusive becomes progressively fresher with depth with much more apparent textural relationships; fractures 30-50°; possible MoS_2 on tight sheared fractures (790-800); a porphyritic texture becomes increasingly evident with depth			mod. prop. chl-ep-cal	710 to 720			.001				100
			mod. prop.	720 to 730	.01	.001	.001	.01	8	26	100
			"	730 to 740			.002				100
			"	740 to 750			.003				100
			mod. prop. w. K-spar	750 to 760			.003				100
			mod. prop. w. K-spar	760 to 770			.012				100
			mod. prop.	770 to 780			.001				100
Tungsten geochemical values less than detection limit for multielement sampled intervals. Casing removed from hole collar. Holes marked with timber plug.			mod. prop.	780 to 790			.004				100
	MoS_2?		"	790 to 800	.01	.001	.019	.01	6	24	100
			"	800 to 810			.009				100
			weak prop.	810 to 820			.010				100
			"	820 to 830			.011				100
			"	830 to 841 E.O.H.			.001				100
				to							

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER
Area: ALBERNI MINING DISTRICT
Purpose: EXPLORATION
Contractor: D.W. COATES
Drill Type: LONGYEAR SUPER 38
Core Size: NQ

Latitude: 2+00S
Departure: 26+80E
Elevation:
Length: 766'
Overburden: 10'
Az. N85°W Dip: -70°

Hole No. SR80-2
Commenced: 15-1-80
Completed: 17-1-80
Logged by: DSW /JRB
Sheet No. 1 of 6
Claim: WET 17

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
0-10' Overburden		FeOx	Mod prop. w. arg.	10 to 20			.001		ppm	ppm	100
10-56.4' Dark grey, fine grained (1-3mm) Dacite dike?; biotite → chlorite + clay; plag.→ chl+ep+cal.; microfracturing prevalent; intrusive appears to have a fg, grndmass < .5mm lending a porphyritic character to the core; fractures 10-30° to C.A.-3/foot.			Mod. prop. w. arg.	20 to 30			.001				100
			Mod. prop. w. arg.	30 to 40			.001				100
			Mod. prop w. arg.	40 to 50			.001				100
56.4-57.5' Dark green, fg, porphyritic, Diabase dike; upper contact 40° to C.A., lower contact - 40°.			Mod. prop. w. arg.	50 to 60	.01	001	.001	.01	9	94	100
57.5-78.8' Dark grey, fine grained (1-3mm) Dacite.			Mod. prop. w. arg.	60 to 70			.001				100
			Mod. prop. w. arg.	70 to 80			.001				100
78.8-92.7' Strg, argillic alteration assoc. with intense shearing obscures texture of intrusive; light grey-buff in color with abundant hematite on fractures; shearing/faulting at 20-30° to core axis;	Py		Strg. arg.	80 to 90			.001				100
92.7-109.2' Dark green, fine grained, late stage Basic dike; carb. on fractures; intense shearing along both contacts, 20-30° to core axis;	Py		Mod. prop.	90 to 100			.001				100
109.2-133' Light-dark, grey-green, altered GRDI; strg. microfracturing; zone from 109.2-115.8' is characterized by intense shearing and brecciation with hem.+cal+chl - zone exhibits mod. arg. alteration; underlying intru. is granular in aspect reflecting a tectonic fabric-assoc. with shearing; diss. and veinlet Py; Qtz-carb-MoS_2 veinlet (1cm) -118'; carb on fractures and as veinlets.			Mod. prop.	100 to 110	.01	001	.001	.01	16	54	100
	Py-1% minor MoS_2		Mod. prop. Mod. arg.	110 to 120			.003				100
	Py-1%		Strg. prop. w. arg.	120 to 130			.001				100
	Py		Mod. prop.	130 to 140			.001				100
	Py		Strg. prop. w. arg.	140 to 150			.001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 2 of 6
		Az. Dip:	Claim: WET 17

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
133-143' Dark green-blk, fine grained, por., inter. dike; upper contact irregular lower sheared-irregular; carb. on fractures	Py		Strg. prop. chl-ep-cal	150 to 160	.01	001	001	.01	ppm 6	ppm 23	100
143-161.8' Dark grey green, granulated, altered GRDI; carb. on fractures; intense microfracturing; diss. Py	Py		Strg. prop.	160 to 170			007				100
161.8-166.1' Highly sheared, dark green, fg, Intermed. dike; shearing at 10-20° to C.A.; chl+cal+hem assoc. with shears	Py, minor MoS_2		Strg. prop.	170 to 180			008				100
166.1-201.9' Dark grey-green granulated altered GRDI; intense microfracturing; orig. texture almost completely obscured; diss. and veinlet Py; cal+chl+hem on fractures; Qtz-Py-MoS_2 veinlets (1-2mm) 175', 176.2', shear zones (167', 174.6', 184.2', 198.1'	Py		Strg. prop.	180 to 190			020				100
	Py		Strg. prop.	190 to 200			008				100
	Py, minor MoS_2		Strg. prop.	200 to 210	.01	001	004	.01	14	38	100
201.9-204 Blk. fg. Inter. dike; carb. on fractures; both contacts 80°	Py, minor MoS_2		Strg. prop.	210 to 220			015				100
204-214.3' Light-dark, grey-green, fg, altered intrusive; diss. and veinlet Py chl-cal-ep on fractures; qtz-Py-MoS_2 veinlets				220 to 230			003				100
(1-3mm) 206', 206.7', 210.2; minor fault/ shear with cal+chl+gouge - 213.7', 20-30°				230 to 240			001				100
214.3-217' Dark green-blk, fg, Inter. dike; cal on fractures; contacts 0-10-15°, L-35°				240 to 250			003				100
217.6-218.4'Grey-green, altered intrusive;			Strg. prop.	250 to 260	.01	001	002	.01	9	36	100
218.4-245.8' Dark green-blk, fine grained, Inter. dike - probably dioritic in comp; cal on fractures and as veinlets; well developed calcite veining at 10° from 242.7-244.8'; dike is late stage; upper contact - irregular, lower contact - 45°; both exhibit sharp intrusive relationsh ps			W. arg. Strg. prop. W. arg.	260 to 270			002				100
			Strg. prop. W. arg.	270 to 280			001				100
			Mod. prop. W. arg.	280 to 290			001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by: DSW/JRB
		Overburden:	Sheet No. 3 of 6
		Az. Dip:	Claim: WET 17

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
245.8-472' Dark grey-green, altered GRDI; textures obscured by mod-strg prop. alter.; chl+cal+ep on fractures; rx has a granulated mottled appearance; pervasive microfract.; minor diss. Py; massive epidote vein 252.8-252.9; fractures 30-50°; Py veinlets 1-2mm 299.3, 302.2; massive qtz-Py veins 10-20° (1-1.5 cm) 311.5-315.6 to C.A. 332' qtz aplite vein(2cm) at 70° to C.A. 328-349' Granodiorite texture more distinct -less sericite alter., weak-mod prop. alter. weak fracturing; mafic content 18-20%			Mod. prop.	290 to 300			.001		ppm	ppm	100
			Mod. prop.	300 to 310	.01	001	001	.01	9	42	100
	Py-qtz veins, 15° to C.A.		Mod. prop.	310 to 320			.007				100
			Mod. prop.	320 to 330			.001				100
	330' qtz-Py-ep vein; 332' 1cm vein		Mod. prop.	330 to 340			.003				100
349' Aplitic chill margin at 55° to C.A. between the fine-med grained GRDI and a slightly more leucocratic section. This section grades back to the main texture within a few feet (see sample box).	.5cm Py ep veins at 10° to C.A.		Mod. prop.	340 to 350			.002				100
			Weak prop.	350 to 360	.01	001	.017	.01	7	30	100
Small fine grained xenoliths occur throughout the GRDI.	369' MoS_2 paint on shear at 40° to C.A.		Weak-mod. prop.	360 to 370			.003				100
380' 1 cm qtz-aplite vein at 45° to C.A. A few sections have calcite healed micro-fracturing - fracturing generally weak.	379' 1cm qtz vein at 10° to C.A., MoS_2 on one margin		Mod. prop.	370 to 380			.014				100
384' .5' black siliceous dike at 90° to C.A. Frag. cut by 5mm qtz-aplite-Py vein at 90° to C.A..			Weak prop.	380 to 390			.004				100
388-407' Section contains many large 6-45cm inclusions or dikes of fine grained microdiorite - contacts sharp and at various angles to C.A.			Weak prop.	390 to 400			.015				100
	402' 1cm vein at 10° to C.A.		Weak prop. mod. ep	400 to 410			.007				100
407-472' Granodiorite propylitically altered - microfractured and cut by pyrite healed fractures.	FeS_2 diss. <1%		Mod. prop. weak ep	410 to 420			.001				100
	FeS_2 1%+ in veinlets		mod. prop.	420 to 430			.001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER
Area:
Purpose:
Contractor:
Drill Type:
Core Size:

Latitude:
Departure:
Elevation:
Length:
Overburden:
Az. Dip:

Hole No.
Commenced:
Completed:
Logged by:
Sheet No. 4 of 6
Claim: WET 17

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
472-553' Feldspar porphyry dike that is propylitically altered. Plagioclase - 60%, subhedral, 2-4mm, weakly sericitized - saussuriticed. Mafics - fine interstitial hornblendes - 5% - mod. chloritized. Groundmass - aphanitic, sericitized. 3' chill margin to sharp contact at 35° to C.A.. Very weak fracturing.	FeS_2 diss. in veinlets 1%		mod. prop.	430 to 440	.01	001	002	01	9	28	100
	FeS_2 veinlets		mod. prop.	440 to 450			001				100
			mod. prop.	450 to 460			001				100
535-553' Chilled margin of the feldspar porphyry dike has epidotized feldspars in a dark green aphanitic groundmass. Lower contact a shear at 40° to the C.A.			mod. prop.	460 to 470			001				100
			mod. prop.	470 to 480			001				100
553-582' Coarse grained Granodiorite K-feldspar flooding of the groundmass, microfractured often with fractures pyrite epidote healed or calcite healed. Granodiorite texture very variable with cr. grained leucocratic sections, fine grained mafic rich sections, silica flooded zones and areas with biotitized xenoliths and xenoliths of microdiorite			mod. prop. mod. ep	480 to 490	.01	001	001	.01	4	31	100
			"	490 to 500			001				100
			"	500 to 510			001				100
			"	510 to 520			001				100
582-596' Granitic texture destroyed by silica flooding and microfracturing.			"	520 to 530			001				100
591 - 1' Biotitized volcanic fragment, sericitization weak.			mod. ep	530 to 540	.01	001	001	.01	6	45	100
			Mod. prop. strong ep	540 to 550			001				100
	FeS_2 2%		weak prop.	550 to 560			001				100
	576' 1cm qtz vein at 5° to C.A. MoS.		weak prop.	560 to 570			001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 5 of 6
		Az. Dip:	Claim: WET 17

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
									ppm	ppm	
596-630' Microfractured, variably textured diorites similar to 553-582' - more qtz veining - stronger epidotization - strong late stage calcite veining.	FeS_2 < 10%		weak prop.	570 to 580			.013				100
630-641' Cataclastic Brecciated Fault Zone - well healed with cal-chl-clay lower contact a shear at 15° to C.A.	FeS_2 1%+ diss. MoS_2 on dry fract.		Mod. prop. weak ep	580 to 590	.01	001	011	.01	6	17	100
641-670' Shattered multi-textured diorite with breccia zones, silica flooding and calcite epidote veining, feldspars saus suriticized in silica flooded zones.			mod. prop. mod. ep	590 to 600			.001				100
663' 19cm Black lamprophyre dike with chill margins and an irregular sharp upper contact with the diorite contact about 45° to C.A. Diorite fragments in dike.			"	600 to 610			.001				100
670-766' Medium grained inequi-granular diorite. C.I. 40' sericite alteration very weak. Fracturing weak - occasional qtz veins with Py. Cryptocrystalline qtz veins cut both diorite and xenoliths. Minor late stage calcite healed shattering.	618' 2cm qtz-ep vein at 5° to C.A., minor Mo		"	610 to 620			.003				100
			"	620 to 630			.002				100
			strong argillic mod. ep	630 to 640	.01	001	.023	.01	12	43	100
	2 shears with MoS_2 at 20° to C.A.		strong prop. mod. ep	640 to 650			.008				100
	FeS_2 minor diss.		mod. prop. mod. ep	650 to 660			.005				100
			mod. prop. mod. sericite	660 to 670			.001				100
			weak prop.	670 to 680			.002				100
	FeS_2 diss. 2% 684' .5cm qtz-Py-ep vein at 45° to C.A.		weak prop.	680 to 690	.01	001	.003	.01	8	36	100
			weak prop. weak ep vein	690 to 700			.001				100
			mod. prop.	700 to 710			.001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER
Area:
Purpose:
Contractor:
Drill Type:
Core Size:

Latitude:
Departure:
Elevation:
Length:
Overburden:
Az. Dip:

Hole No.
Commenced:
Completed:
Logged by:
Sheet No. 6 of 6
Claim: WET 17

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
	713' qtz-Py vein 2cm at 15° to C.A.		weak prop.	710 to 720			.001		ppm	ppm	100
			v. weak prop.	720 to 730			.001				100
	FeS_2 minor disc		mod. prop. weak prop.	730 to 740	.01	001	001	.01	8	26	100
740-766' Strong microfracturing and shearing healed with calcite. The diorite is fairly fresh with only minor propylitic alteration of mafics. Qtz-Py veining is weak, as is overall alteration. Xenoliths of various fine grained intrusive rock is present to the end of the hole.			mod. prop. weak ep	740 to 750			.001				100
			mod. prop. weak ep	750 to 760			.001				100
			weak prop. minor ep veining	760 to 760 E.O.H.			.001				100
				to							
Tungsten geochemical values less than detection limit for multi-element sampled intervals. Casing removed from hole collar.				to							
				to							
				to							
				to							
				to							
				to							
				to							

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER - ALBERNI MINING DIVISION	Latitude: 8+80S	Hole No. SR80-3
Area: BAMFIELD, VANCOUVER ISLAND	Departure: 5+70E	Commenced: Jan 18-80
Purpose: EXPLORATION	Elevation: 645'	Completed: Jan 21-80
Drill Type: DIAMOND LONGYEAR SUPER 38 Core Size: NQ	Length: 936'	Logged by: JRB
Contractor: D.W. COATES	Overburden: 10'	Sheet No. 1 of 9
	Az. 270° Dip: -60°	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS	% RECOV
10-29' Meta Andesite Dark grey-green biotized and chloritized fine grained shattered and partly silicified andesite. Anastromozing quartz pyrite veins contain calcite and secondary biotite Quartz-pyrite vein margins are of secondary biotite, calcite, and chlorite. The veins are cut by pyrite veins up to .5 cm in width and by late stage calcite veining. Calcite heals most of the late stage shattering and vein brecciation. General vein directions are around 30° to the C.A. Quartz-pyrite veins are from 1-2 cm and carry specs of MoS_2. Quartz-biotite-pyrite flood veins with margins of secondary biotite, carry mainly disseminated pyrite. The MoS_2 occurs in the white late stage quartz veins which have medial pyrite veins and moly flecks along the margins. 29-38' Silicified white felsite. Remnants of feldspars visible in the shattered silicified, chloritized felsite. Upper contact ~30° to the andesite. Pyrite heals much of the brecciated felsite 38-45' Hydrothermally altered Andesite with heavy pyrite, qtz veining and secondary biotite 45-48.5' Porphyritic Felsite consisting of quartz veins, diss Py, Py veins and silicified feldspars. The felsites may be quartz-feldspar porphyry dikes. Upper contact 45° to C.A. Lower gradational.				to		

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER	Latitude:	Hole No.	
Area:	Departure:	Commenced:	
Purpose:	Elevation:	Completed:	
Contractor:	Drill Type:	Core Size:	Length: / Overburden: / Az. / Dip:	Logged by: / Sheet No. 2 of 9 / Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Cu	Mo	Pb	Zn	% RECOV
48.5-69' Hydrothermally altered andesite with sections of more acidic rhyo-dacite. 1 cm quartz veins with medial pyrite veining Heavy secondary biotite from 48.5 to 55' At 58' epidote occurs at the top of an acidic section. Secondary biotite cut by white quartz pyrite veins with MoS_2. Very strong quartz stockwork.	FeS_2 3%			10 to 20			.003		ppm	ppm	98
	18' Minor MoS_2			20 to 30			.003				98
	3% FeS_2			30 to 40			.006				98
	41' 5cm qtz Py-ep vein with MoS_2			40 to 50			.013				98
69-105' Silicified Felsite The rock is dominantly quartz with laminated silica ghost textures. MoS_2 occurs in qtz healed fractures at 30° to the C.A.	FeS_2 3%			50 to 60	.01	001	.002	.04	11	19	98
Pyrite heals afew fracture sets which are cut by fine epidote-clay fractures and calcite healed brecciation. From 79-105' felsites are probably silicified rhyolites with strong secondary biotite, strong microfracturing or brecciation, strong chloritization and quartz pyrite flooding with many finely shattered quartz moly veins	60' MoS_2 FeS_2 4%			60 to 70			.005				98
	FeS_2 2% minor diss MoS_2			70 to 80			.011				98
	FeS_2 veins 2%			80 to 90			.025				95
The feldspars are silicified and sericitized with the original texture destroyed by brecciation and alteration. 105-112' Heavily altered andesites Strong quartz stockworks. The few white late stage veins carry MoS_2. Dominant vein direction ~10° to C.A. or 80° to C.A.	mod. moly min., FeS_2			90 to 100			.013				98
	qtz-moly veins		qtz-moly veins 15-20° to C.A.	100 to 110	.01	001	.019	.01	10	15	98
	FeS_2 MoS_2		112' 2cm qtz-Py vein	110 to 120			.010				80
112-131' Altered Rhyolite Strong qtz veining with MoS_2. 131-167' Heavily altered andesite-chloritized Strong 2ndary biotite - qtz veined flooded with a few younger white qtz-MoS_2 veins (1-2cm) loss silica flooding 150'-165' 147' 1' felsite bed at 40° to C.A.	3% FeS_2 qtz Moly veins			120 to 130			.020				50
	2% Py in veins MoS_2		131' 2cm qtz - moly vein	130 to 140			.062				95
	1% Py in veins		5' qtz MoS_2 veins	140 to 150			.047				95

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 3 of 9
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
167-176' Qtz feldspar porphyry - felsite mottled texture of 2ndary biotite, diss pyrite, interstitial quartz - sericite, chlorite and sericitized mafics-appears intrusive into the altered andesites, weakly fractured-several 1cm pyrite veins at 15° to the C.A.	Minor Py veins minor MoS_2			150 to 160	.01	001	030	.01	7	22	98
	FeS_2, MoS_2 veins		165-167' qtz MoS_2 vein 0° to C.A.	160 to 170			028				98
	MoS_2 in veins FeS_2 2%			170 to 180			010				98
176-180' Altered andesitic volcanic	FeS_2 3%			180 to 190			023				100
180-193' Sharp contact between the andesite and the intrusive felsite, 10° to C.A. Felsite has a mottled texture with quartz sericite patches in a quartz matrix cut by qtz veins and qtz flooding. Diss. Py and Mo throughout weakly shattered,. Pyrite veins at 30° to C.A. Qtz sericite margins to later qtz veins.	diss in veins Mo										
193-197' Biotite-chl altered Andesite	minor diss MoS_2			190 to 200			035				100
197-200' Qtz flooding-finely shattered with stringers of MoS_2	stronger MoS_2 FeS_2 1%			200 to 210			075				100
	FeS_2 2%			210 to 220			045				100
200-211' Heavily silicified acidic volcanic - fine grained, grey-green with fine veinlets of pyrite and finely shattered and healed with calcite. Original texture destroyed by quartz-sericite-chlorite alteration. Patches of secondary biotite throughout. Heavy MoS_2 on fine fractures and in the few later quartz veins.	FeS_2 2%			220 to 230			017				100
				230 to 240	.01	001	049	.01	12	60	100
	FeS_2		240' Ca-Py shears at 15° to C.A.	240 to 250			032				100
	FeS_2 3%+		253' 4cm qtz-Py vein at 20° to CA	250 to 260			011				100
206-211' Heavy MoS_2 on fractures	FeS_2 3%+			260 to 270			017				100
211-220' Heavily shattered silicified acidic volcanic - patches of brown secondary biotite-qtz-sericite alteration intense - minor qtz veining. Shears are calcite-chlorite-epidote healed. Specs of MoS_2 throughout, 60% of the pyrite	FeS_2 veinlets			270 to 280			027				100
	MoS_2 veinlets										
	MoS_2 minor FeS_2 fine veinlets			280 to 290	.01	001	022	.01	8	22	100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 4 of 9
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS	% RECOV
is in qtz pyrite veins at all angles to the C.A.				to		
220-265' Similar to above but more secondary biotite as original host probably was an andesite. The quartz moly veins are now more distinct - fewer and larger 2-3cm. The andesite is chlorite altered with patches of secondary biotite in quartz flooded zones. These zones 239-240.2, 242-246, contain intense late stage shattering which has been calcite healed.				to		
265-289' Intense Brecciation with flow breccia and pebble breccia structures. Zone competent with silica flooding and strong alteration of the original andesites by kaolinization-sericitation, biotitization-chloritization and calcite healing of the biotitized-siliceous breccia fragments. Biotite strongest adjacent qtz-Py veinlets that are irregular ragged veins which have been offset by later calcite healed fractures. Coarse MoS_2 occurs in fine late stage qtz veins.				to		
289-317' Silicified and argillized acidic Volcanic possibly a rhyolite. A light grey-green micro shattered volcanic, altered to chlorite, mod. silica flooded with brecciation healed by Kaolin, qtz-Py and calcite. Degree of silicification & biotitization increases downward to sharp sheared qtz-Py-Mo vein at 50° to the C.A. End of 2ndary biotite.				to		
				to		

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
		Length:	Logged by:
		Overburden:	Sheet No. 5 of 9
Contractor:	Drill Type: / Core Size:	Az. / Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
317-415.5' Felsite-dacite A shattered quartz rich white fine grained hydrothermally	FeS_2 1%			290 to 300			.008		ppm	ppm	100
altered quartz-feldspar intrusive white disseminated and veins of pyrite. Fine specs of MoS_2 in fine qtz veins in pyrite	FeS_2		305' 4cm qtz vein with MoS_2 at 85° to C.A.	300 to 310			.009				100
rich sections. Late stage fracturing calcite healed.	FeS_2, MoS_2 veinlets - 317'		317' 1cm MoS_2 qtz-py vein	310 to 320			.135				100
343' 1.5' diabase dike cutting Felsite at 45° to C.A. Dike is shattered and calcite healed.	FeS_2 3%			320 to 330			.026				100
373-376' Basic Volcanic Dike or fragment The upper contact is irregular and brec-	FeS_2 3%+ MoS_2 with qtz veins			330 to 340	.02	.001	.011	.01	7	15	100
ciated with the fragments well healed with chlorite, epidote, silica and calcite. The	FeS_2		348-370' Heavy shattering - Py veining - diss MoS_2 with silica flooding	340 to 350			.008				100
lower contact is bounded by a black shear at 35° to the C.A. Shattered quartz	FeS_2			350 to 360			.018				100
flooded felsite adjacent the andesite is Py-qtz-MoS_2 healed.	FeS_2 4%+			360 to 370			.022				100
376-385' Fractured 4cm qtz-Py-MoS_2 veins at 5° to the C.A. Good diss MoS_2	FeS_2 diss and										
in irregular fractures in and adjacent to the veins. Host rock granulated - strong	in 1cm veins			370 to 380			.156				100
qtz sericite alteration- mod. argillic.			384' MoS_2-gouge on shear at 10° to C.A.	380 to 390			.045				100
385-415.5' Felsite shattered and granulated - rehealed with qtz-Py-clay gouge then	FeS_2			390 to 400			.034				100
shattered by younger irregular calcite healed fractures - core heavily sheared			396' shear 25° to C.A.								
but competent.	FeS_2			400 to 410			.049				100
415.5-432' Green Feldspar porphyry dike	MoS_2 diss		402' shear 18° to								
Upper contact a 1cm black shear at 35° to	FeS_2 to 415.5		C.A., Py-Mo smear	410 to 420	.01	.001	.012	.01	10	31	100
C.A. Lower contact a sericitic shear at 60° to the C.A. The porphyry dike is	fine diss MoS_2										
weakly fractured and is distinguished by saussuritized feldspar phenos in a very	No FeS_2			420 to 430			.001				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER	Latitude:	Hole No.	
Area:	Departure:	Commenced:	
Purpose:	Elevation:	Completed:	
Contractor:	Drill Type:	Core Size:	Length: / Overburden: / Az. / Dip:	Logged by: / Sheet No. 6 of 9 / Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION: SULPHIDE	OXIDE	OTHER	HOLE DEPTH TAG NO.	ASSAYS: Ag	Au	Mo	Cu	Pb	Zn	% RECOV
fine grained qtz-feldspar groundmass. The fine mafics are partially chloritized. No pyrite in the dike.	few FeS_2 1% Minor qtz-MoS_2 veins		qtz veins 50° to C.A.	430 to 440			029				100
432-479.5' Diorite Cataclastic intrusive- a heavily altered fine grained grey-green shattered and quartz veined granulated diorite with qtz-pyrite and qtz-MoS_2 veins. The rock is similar but darker than the felsite above 415' and does not have secondary biotite which ended at 317'. Chlorite-sericite alteration is pervasive and intense. Pyrite is weakly diss rather than in qtz veins. MoS_2 occurs in shattered qtz-MoS_2 veins and as fine flecs in qtz flooded zones and as paint on tight ragged late-stage fractures.	fine Py-Mo veins throughout		440' 1cm qtz-MoS_2 vein at 30° to C.A.	440 to 450			033				100
	FeS_2 weak			450 to 460			041				100
	MoS_2 on shears & in qtz veins		460' shear 20° to CA, MoS_2-gouge	460 to 470	.02	.001	003	.01	9	15	100
	MoS_2 veinlets FeS_2 diss		468' MoS_2 shear 15° to CA	470 to 480			061				100
	FeS_2 diss 2%		strong epidote alteration	480 to 490			002				100
479.5-494' Intermediate dike - upper contact irregular but sharp ~60° to C.A. Epidote and calcite blebs in a dark grey f. gr'd matrix.	FeS_2 diss MoS_2 veinlets		49' shear at 20° to CA, clay and	490 to 500			040				100
	MoS_2 on fract		Fe-rich epidote healing shear	500 to 510			081				100
494-555' Granulated acid volcanic Texture totally destroyed by granular tectonic movement - flow banding at 55° to C.A. Strong chl ser. alteration, 2nd. calcite. Fine diss Py and MoS_2. 537-539' an irregular-bordered chloritized intermediate dike cutting the granulated intrusive at ~0° to the C.A. Below 540 an intrusive texture is evident- less shattering, weaker sericitization, stronger chloritization of mafics. MoS_2 and pyrite in discrete qtz veinlets, Py also diss.	FeS_2 diss		514' 2cm qtz-MoS_2 vein at 85° to CA	510 to 520	.01	.001	029	.03	8	23	100
			MoS_2 at margins of vein, Py in centre	520 to 530			012				100
			515-522' strong argillization	530 to 540			021				100
	MoS_2 in fine qtz veinlets-minor FeS_2 diss in veins		2-3 qtz veins/ft	540 to 550			030				100
				550 to 560			048				100
				560 to 570			016				100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 7 of 9
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION: SULPHIDE	MINERALIZATION: OXIDE	MINERALIZATION: OTHER	HOLE DEPTH TAG NO.	ASSAYS: Ag	Au	Mo	Cu	Pb	Zn	% RECOV.
555-649' Shattered cryptocrystalline qtz Breccia pipe. A cataclastic, silicified volcanic which contains silicified grey cherty fragments (1-12cm) in a green aphanitic quartz-sericite-chlorite matrix. Patches of epidote and pyrite occur throughout the matrix as rims on the siliceous fragments and on fracture intersections and in brecciated sections. Late stage dry shattering and calcite healed fracturing cuts all previous structures. MoS_2 occurs on the margins of qtz veins and as fine flecs on dry fractures. Some patchy masses of secondary biotite in chlorite-sericite matrix. Rock now fairly competent. 626' chloritization and 2ndary shattering of qtz Breccia becoming more intense Dacite or latite porphyry fragments visible among crystalline qtz fragments. Mafic stiff aphanitic. Sericitic alteration stronger. 649-665' A granular but folliated calcite-chlorite-sericite shear structure marks the change between the qtz Breccia and a competent chl-ca-sc altered andestie. Irregular fractures calcite healed. Patches of shattered cryptocrystalline qtz between 657-660'. Rock soft-folliations at 40° to C.A. 665-732' Andesite - chloritized and saussuritized with shattered and sheared sections healed with calcite. The texture is obscured by heavy chloritization but fine chert frag. are sometimes visible (~1cm) throughout	FeS_2, minor MoS_2			570 to 580			.025				100+
				580 to 590			.014				100+
				590 to 600	.01	.001	.014	.02	7	19	100+
	FeS_2 2%		605' 1cm qtz vein at 60° to CA, MoS_2	600 to 610			.014				100+
				610 to 620			.006				100+
	FeS_2 minor			620 to 630			.011				100+
				630 to 640			.006				
	FeS_2 < 1%		646' 2cm calcite vein at 20° to CA	640 to 650	.01	.001	.010	.02	8	21	100
	FeS_2 diss 1% N.V. MoS_2		657' 15mm qtz vein at 60° to CA, Mo	650 to 660			.007				100+
			665' 1cm ca-chl shear at 60° to CA	660 to 670			.005				100+
	FeS_2 diss 1% veins < 1%		strong chl alt.	670 to 680			.003				100+
	NVM FeS_2 < 1% veins		688' 2.5cm qtz vein at 50° to CA	680 to 690			.002				100+
			692' cal-shears at 60° to CA	690 to 700	.01	.001	.006	.03	9	24	100+
			706' 2cm qtz vein at 45° to CA	700 to 710			.002				100+

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
		Length:	Logged by:
		Overburden:	Sheet No. 8 of 9
Contractor:	Drill Type: / Core Size:	Az. / Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION: SULPHIDE	MINERALIZATION: OXIDE	MINERALIZATION: OTHER	HOLE DEPTH TAG NO.	ASSAYS: Ag	Au	Mo	Cu	Pb	Zn	% RECOV
the section. Rock probably an andesitic volcano-clastic. Rock weakly fractured toward 732'.	FeS_2 1%t diss		719' 1cm qtz vein at 45° to CA, Py	710 to 720			005				100
732-738' Diorite dike mod. prop. alt. sharp upper contact - shear at 30° to C.A.	"			720 to 730			009				100
lower contact sharp tight at 20° to C.A.				730 to 740			001				100
738-749' Light green saussaritized and chloritized basic fragmental volcanic			746' 12cm calcite healed breccia	740 to 750	.01	001	002	.01	10	52	100
749-755' Argillic and epidotized andesite shattering calcite healed.											
755-759' Sheared and heavily altered diorite dike. contacts irregular and sheared.	FeS_2 1% diss		749' 4cm gouge	750 to 760			002				100
759-762' Fragmental andesite			762' shear at 30° to CA, chl-ca-c	760 to 770			001				100
762-782' Dark green propylitized calcareous andesite. 762-765 Grey-green shattered chill				770 to 780			001				100
margin of argillically altered and chloritized weak fracturing. 773-778 aphanitic gray calcareous volcanic-cataclastic			785' 5cm qtz-Py vein at 60° to CA	780 to 790			003				100
782-791' Diorite dike at 85° to C.A. strong propylitic alteration, many 1cm qtz veins at 15° to C.A. with Py.	FeS_2 1% diss			790 to 800	.01	001	001	.01	8	49	100
791-810' Andesite with many small qtz phenos throughout groundmass. Diorite dikes or segregation at 802-803, 844, 808.	FeS_2 2% diss			800 to 810			003				100
810-825.5' Mylonitic fault zone. Strong argillic alteration qtz-Py veining. Flow banding 70-80° to C.A. Spec of MoS_2 in qtz veins	MoS_2 on qtz veins		2' core ground in unlatched tube	810 to 820			010				100
	"	Hematite on fine fractures		820 to 830			002				100
825.5-832' Dark green chl and epidotized andesite - no qtz veins			prop. strong	830 to 840			003				100
	FeS_2 <1% diss		no qtz veins	840 to 850	.01	001	007	.01	6	20	100

BETHLEHEM COPPER CORPORATION

GENERAL DRILL HOLE LOG

Property: SARITA RIVER		Latitude:	Hole No.
Area:		Departure:	Commenced:
Purpose:		Elevation:	Completed:
Contractor:	Drill Type: / Core Size:	Length:	Logged by:
		Overburden:	Sheet No. 9 of 9
		Az. Dip:	Claim: WET 14

GENERAL DESCRIPTION (GEOLOGY)	MINERALIZATION SULPHIDE	MINERALIZATION OXIDE	MINERALIZATION OTHER	HOLE DEPTH TAG NO.	ASSAYS Ag	Au	Mo	Cu	Pb	Zn	% RECOV
832-936' Granodiorite a heavily propylitized and shattered coarse grained diorite. Upper contact with andesite 40° to C.A. Strong chl-sericite alteration, shattering calcite healed. 873'-The coarse grained inequigranular diorite is less altered and less fractured. Mafics, biotite and subhedral hornblende, are interstitial to the large anhedral feldspars. The groundmass and anhedral mafics are chloritized. Feldspars are weakly sericitized. Fine grained xenoliths throughout drilled section. Pervasive microfractures, calcite healed, calcite on shears. Texture weakly porphyritic.	MoS_2 on shears		851' MoS_2 shear at 40° to CA	850 to 860			.004				98
			857-859' Fault shears at 25° to CA	860 to 870			.002				98
	No pyrite		862-863' Fault	870 to 880			.003				98
				880 to 890			.001				98
				890 to 900	.01	.001	.001	.01	5	18	98
	904' MoS_2 on shear 45° to CA		mod. prop.	900 to 910			.002				98
936-E.O.H.	FeS_2 minor diss		mon. prop. chl-ep-cal	910 to 920			.004				98
				920 to 930			.001				98
Tungsten geochemical values less than the detection limit for the multielement sampled intervals. Casing removed form the hole collar.	FeS_2 minor diss		mod. prop.	930 to 936 E.O.H.			.010				98
				to							
				to							
				to							
				to							
				to							

SECTION E MINERAL TITLE

Property: SARITA RIVER **Mining Division:** Alberni

Name of Claim	Record Number	Metal Tag Number	Date Recorded	Expiry Date
WET 3	20918R	320803M	Dec.11,1974	Dec.11,1980
WET 4	20919R	320804M	Dec.11,1974	Dec.11,1980
WET 5	20920R	320805M	Dec.11,1974	Dec.11,1980
WET 6	20921R	320806M	Dec.11,1974	Dec.11,1980
WET 7	20922R	320807M	Dec.11,1974	Dec.11,1980
WET 8	20923R	320809M	Dec.11,1974	Dec.11,1980
WET 9	20924R	320809M	Dec.11,1974	Dec.11,1980
WET 10	20925R	320810M	Dec.11,1974	Dec.11,1980
WET 11	20926R	320811M	Dec.11,1974	Dec.11,1980
WET 12	20927R	320812M	Dec.11,1974	Dec.11,1980
WET 13	20928R	320813M	Dec.11,1974	Dec.11,1980
WET 14	20929R	320814M	Dec.11,1974	Dec.11,1980
WET 15	20930R	320815M	Dec.11,1974	Dec.11,1980
WET 16	20931R	320816M	Dec.11,1974	Dec.11,1980
WET 17	20932R	320817M	Dec.11,1974	Dec.11,1980
WET 18	20933R	320818M	Dec.11,1974	Dec.11,1980
WET 19	20934R	320819M	Dec.11,1974	Dec.11,1980
WET 20	20935R	320820M	Dec.11,1974	Dec.11,1980
WET 21 (3 units)	54(11)	07353	Nov. 25,1975	Nov. 25,1980

SECTION F - Illustrations

Drawing No.	Title	Scale
SR-80-1	General Location Plan	1:250,000
SR-80-2	Location Plan	1: 50,000
SR-80-3	Drill Hole Plan	1: 4,800
SR-80-4	Geologic Plan	1: 4,800

SECTION G

D. BORTHWICK, DEPUTY MINISTER OF LANDS G. B. ANDREWS, DIRECTOR OF SURVEYS AND MAPPING

SECOND STATUS EDITION — JUNE 29th, 1956

PROPERTY LOCATION

92-C/14E 92-C/15W

PACIFIC OCEAN

JUAN DE FUCA STRAIT

STRAIT OF GEORGIA

GULF ISLANDS

SAN JUAN ISLAND

VICTORIA

SIDNEY

FORT ANGELES

SEQUIM

OLYMPIC NATIONAL PARK

BARKLEY SOUND

CANADA — U.S.A.

BRITISH COLUMBIA — WASHINGTON

MAJOR RESERVES, LICENCES, AND GRANTS ON VANCOUVER ISLAND

REFERENCE

Tree Farm Licence
Prov. Forest Reserve
E & N Land Grant

LAND DISTRICTS
Map Area 92B

1	BRIGHT	14	NORTH SAANICH
2	CHEMAINUS	15	OTTER
3	CUMBERLAND	16	OYSTER
4	CYPRESS HEAD	17	QUAMICHAN
5	ESQUIMALT	18	ROCKY POINT
6	EXPLORATION	19	SALTSPRING ISLAND
7	HILLSIDE	20	SOOKE
8	HOLLAND	21	SOUTH SAANICH
9	LAKE	22	SOUTH SOOKE
10	MOUNT HAY	23	VICTORIA
11	MOUNTAIN	24	WEST SAANICH
12	MOUNTAIN	25	VICTORIA

INSET MAP

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7927

MAP SCALE
5 0 5 10 15
SCALE IN KILOMETRES.

REVISIONS	No.	Date	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
SEPT. 1979		E.A.	

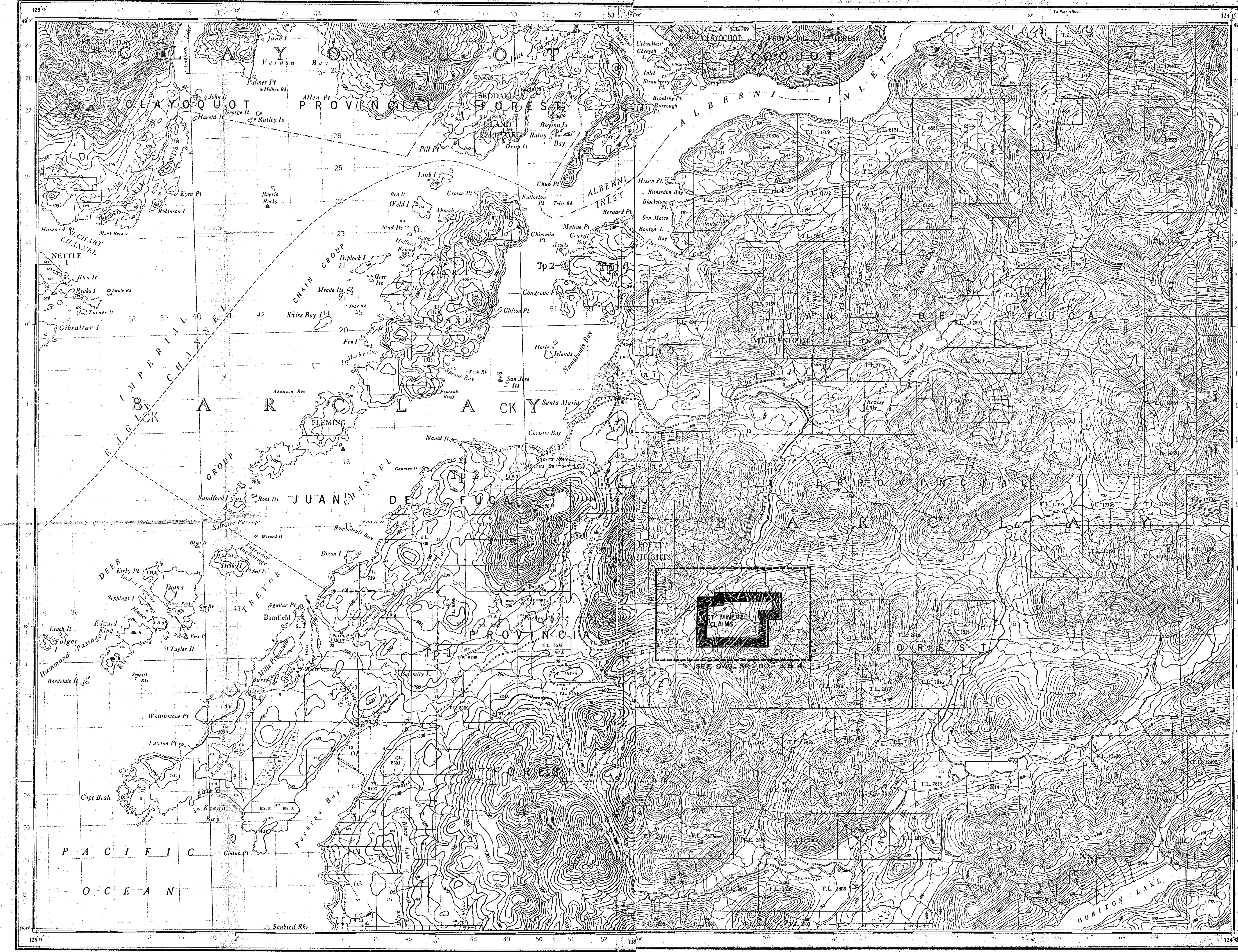
BETHLEHEM COPPER CORPORATION

OFFICE	DEPARTMENT
VANCOUVER	EXPLORATION

SARITA RIVER PROJECT
GENERAL LOCATION PLAN

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
N.T.S. 92-B-C	1:250,000	SR-80-1

NO. - 196.A1 - 8.C.



MAP SCALE

1000 0 1000 2000 3000

SCALE IN METRES

REVISIONS No.	Date	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
SEPT. 1979		E.A.	

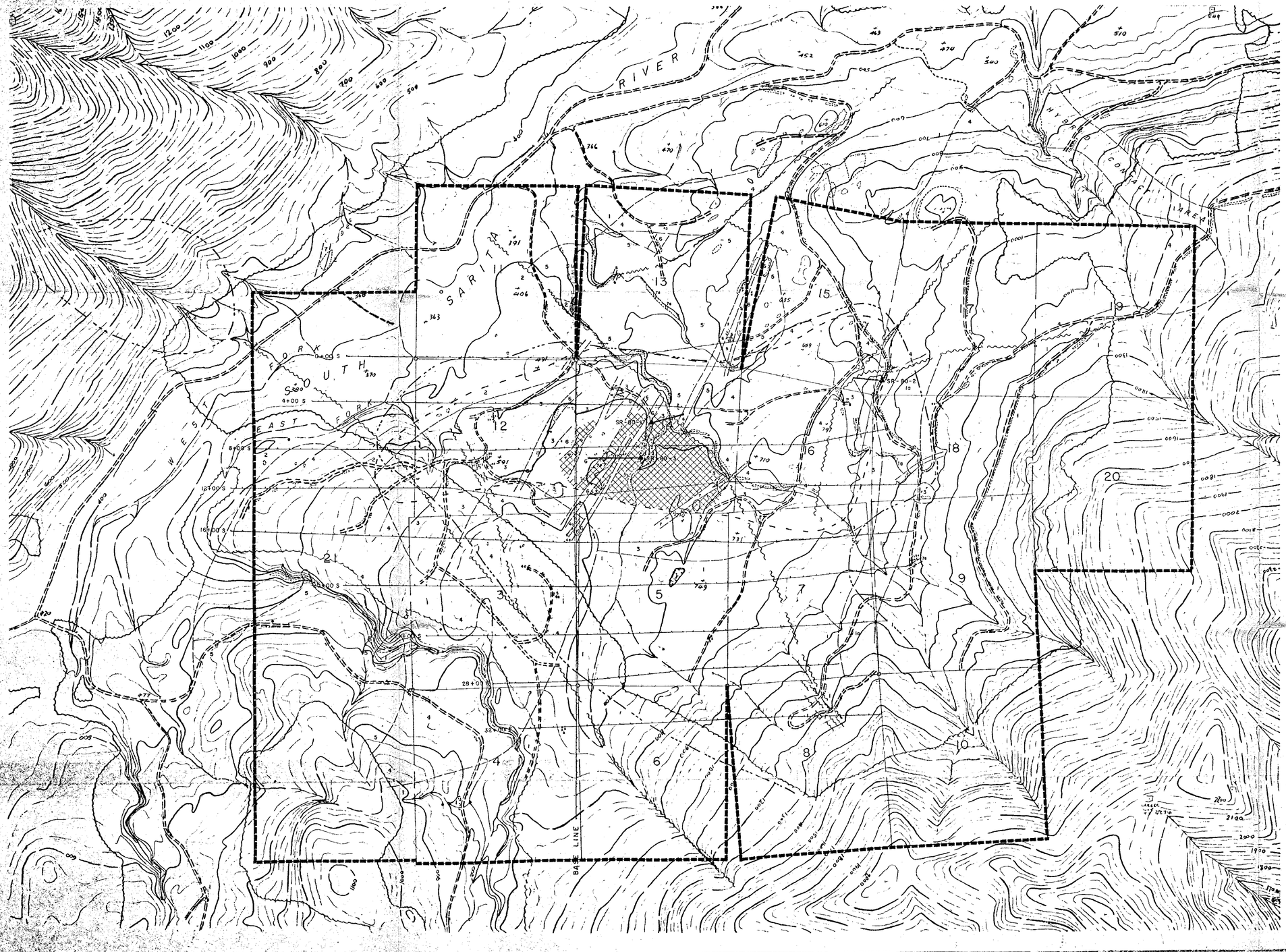
BETHLEHEM COPPER CORPORATION

SARITA RIVER PROJECT

LOCATION PLAN

OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
VANCOUVER	EXPLORATION	N.T.S. 92-C/14E, 15W	1:50,000	SR-80-2

NCI - 215.B1 - B.C.



LEGEND

- 8 — Andesite, basalt dykes.
- 7 — Porphyritic monzonite, 7a felsite, 7b trachyte.
- 6 — Feldspar porphyry.
- 5 — Quartz monzonite, porphyritic quartz monzonite.
- 4 — Quartz diorite, 4a quartz rich phase.

JURASSIC (BONANZA GROUP)

- 3 — Felsite, rhyolite (includes silicified volcanic units).
- 2 — Dacite, rhyodacite, rhyolite.
- 1 — Andesite, 1a andesite porphyry unit.

SYMBOLS

- Outcrop, subcrop and/or boulder.
- Geological contact.
- Fault or shear.
- Limit of barren pyritic stockwork (minor quartz).
- Limit of molybdenite.
- Quartz vein stockwork.
- Claim post, claim location line
- Claim boundary.
- Legal corner post, claim boundary, claim unit post.
- Road.
- Stream.
- Swamp.
- Topographic contour (contour interval 25')

▲ SR-80-1 1980 Diamond Drill Hole

Base map drawn by Pacific Survey Corporation (pencil manuscript)

AMAX EXPLORATION INC.

SARITA RIVER PROPERTY

ALBERNI MINING DIVISION — BRITISH COLUMBIA

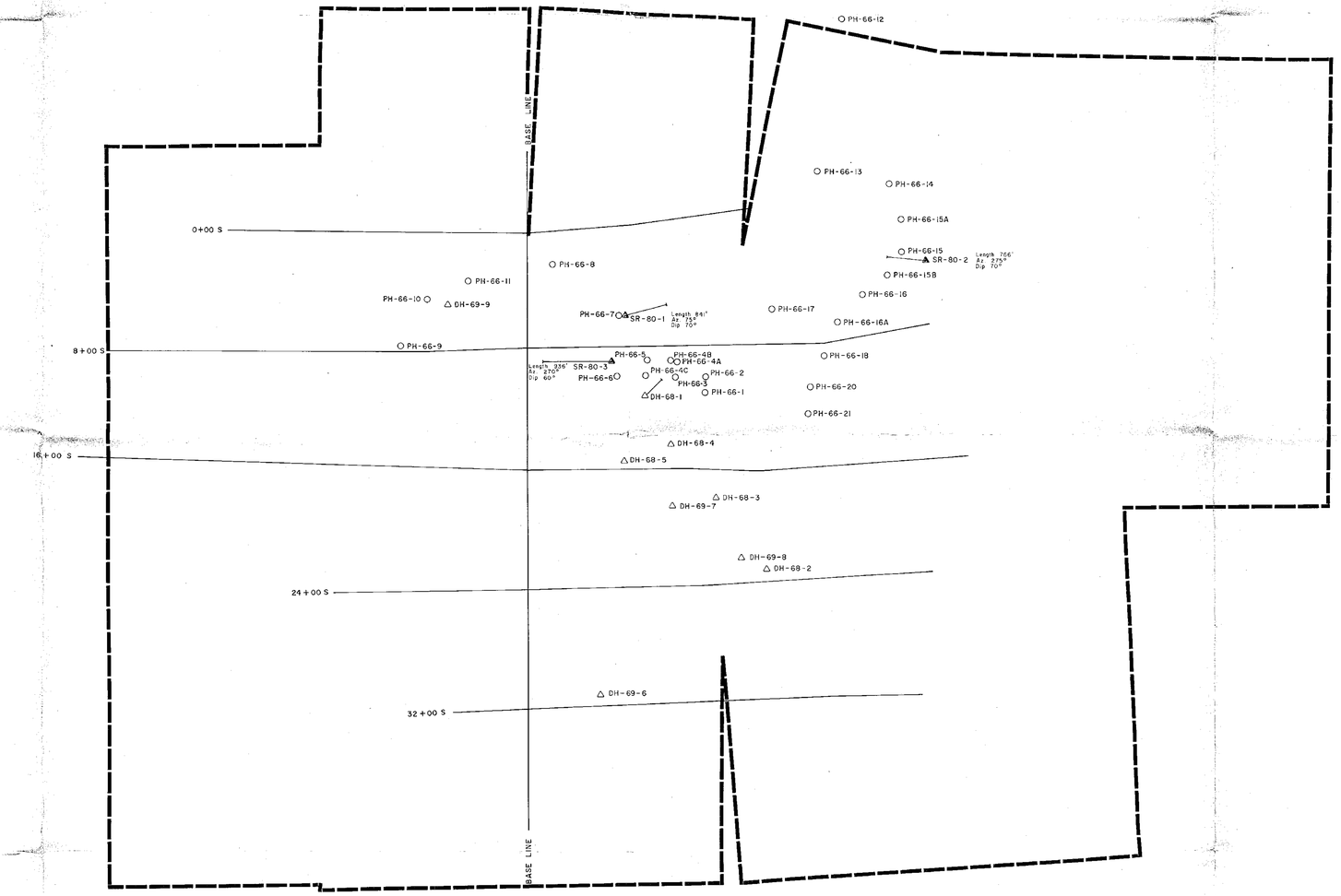
— WET CLAIMS —

GEOLOGICAL MAP

SCALE 400 200 0 400 200 FEET METERS

DATE REVISED		DATE PRINTED		Drawn by: Date N.T.S. File 92 C 15	SR-80-4

To accompany "1976 GEOLOGICAL AND GEOPHYSICAL REPORT" by D.G Allen and J.L. LaBel. Dec 1976



MINERAL RESOURCES DIVISION
ASSESSMENT REPORT
NO. 7927

MAP SCALE

48 0 48 96 144

SCALE IN METRES

REVISIONS	No	Date	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
APRIL, 1980	a.m.b.	E. A.	

BETHLEHEM COPPER CORPORATION

OFFICE	DEPARTMENT
VANCOUVER	EXPLORATION

SARITA RIVER PROJECT

DRILL HOLE PLAN

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:4800 or 1"=400'	SR - 80 - 3

NCI - 215.81 - B.C.