1989 GEOCHEMICAL REPORT

ON THE

CANAM 2, 3 and 4Fr CLAIMS

GIANT COPPER PROPERTY

New Westminster Mining Division
NTS 92H 3

Latitude: 49 degrees 06'N
Longitude: 121 degrees 01'E

For

Bethlehem Resources Corporation
860 - 808 West Hastings Street
Vancouver, B.C. V6C 2X4

by

Ken Hicks Consulting
115 - 1741 West 10th Avenue
Vancouver, B.C. V6J 2A5

Ken Hicks, B.Sc., FGAC

August 15, 1989

SUMMARY

The Giant Copper property is located in southern British Columbia approximately 35 km southeast of Hope. A number of deposit types are hosted within the property boundary. Previous exploration has concentrated are the two main zones, the AM and the Invermay which are breccia hosted copper-gold-silver and silver-lead-zinc-copper occurrences, respectively.

Exploration work conducted by previous operators on the property has outlined reserves on the AM breccia of approximately 2,700,000 tons at 1.35% Cu, 0.529 gms Au/ton and 21.77 gms Ag/ton.

The 1989 exploration program by Bethlehem Resources Corporation consisted of detailed grid soil geochemistry north of the AM Breccia, including the CANAM 1Fr, 2, 3 and 4Fr claims. The purpose of the program was to systematically evaluate a large tract of ground using geochemistry to discover additional mineralized breccias. This technique has worked successfully even in areas of relatively thick glacial overburden, such as the No. 1 Anomaly area near the 10 level portal. Trenching of anomalies in this area has discovered a new mineralized breccia.

The program was successful in discovering a number of rock samples highly anomalous in zinc and weakly anomalous in gold.

Table of Contents

LIST OF FIGURES

LIST OF ILLUSTRATIONS

Volume 1

Map No 1.	Geochem map	Location	1":500'	.....pocket
Map No 2.	"	Au	"	.....pocket
Map No 3.	"	Cu	"	.....pocket
Map No 4.	"	Ag	"	.....pocket
Map No 5.	"	Zn	"	.....pocket
Map No 6.	"	As	"	.....pocket
Map No 7.	"	Pb	"	.....pocket

INTRODUCTION

The Giant Copper property is located in southern British Columbia approximately 35 km southeast of Hope. It was acquired by Bethlehem Resources Corporation from Campbell Resources in the spring of 1988 in exchange for a small retained interest in the property.

A number of deposit types are hosted within the property boundary. Previous exploration has concentrated on two main zones, the AM and the Invermay. These zones are breccia hosted copper-gold-silver and silver-lead-zinc-copper shear zone occurrences, respectively.

Published reserves on the AM breccia are approximately 2,700,000 tons at 1.35% Cu, 0.015 oz/ton Au and 0.64 oz/ton Ag. No reserve figures are available for the Invermay zone

The 1989 field season on the CANAM claims extended from June to August, 1989. Work consisted of approximately 291 rock and soil samples taken from a widely spaced east-west grid.

LOCATION and ACCESS

The Giant Copper property lies approximately 35 km southeast of Hope and is bounded on the northeast by Manning Park and to the southwest by the Skagit Valley Recreational Area (fig. 1). Approximately 42 km east of Hope along Highway No. 3 a gravel road branches off toward the center of the property. A locked gate is positioned across the road just past a small bridge crossing the Skagit river. From the highway to the No. 15 level workings is approximately a 15 minutes drive along a good gravel road.

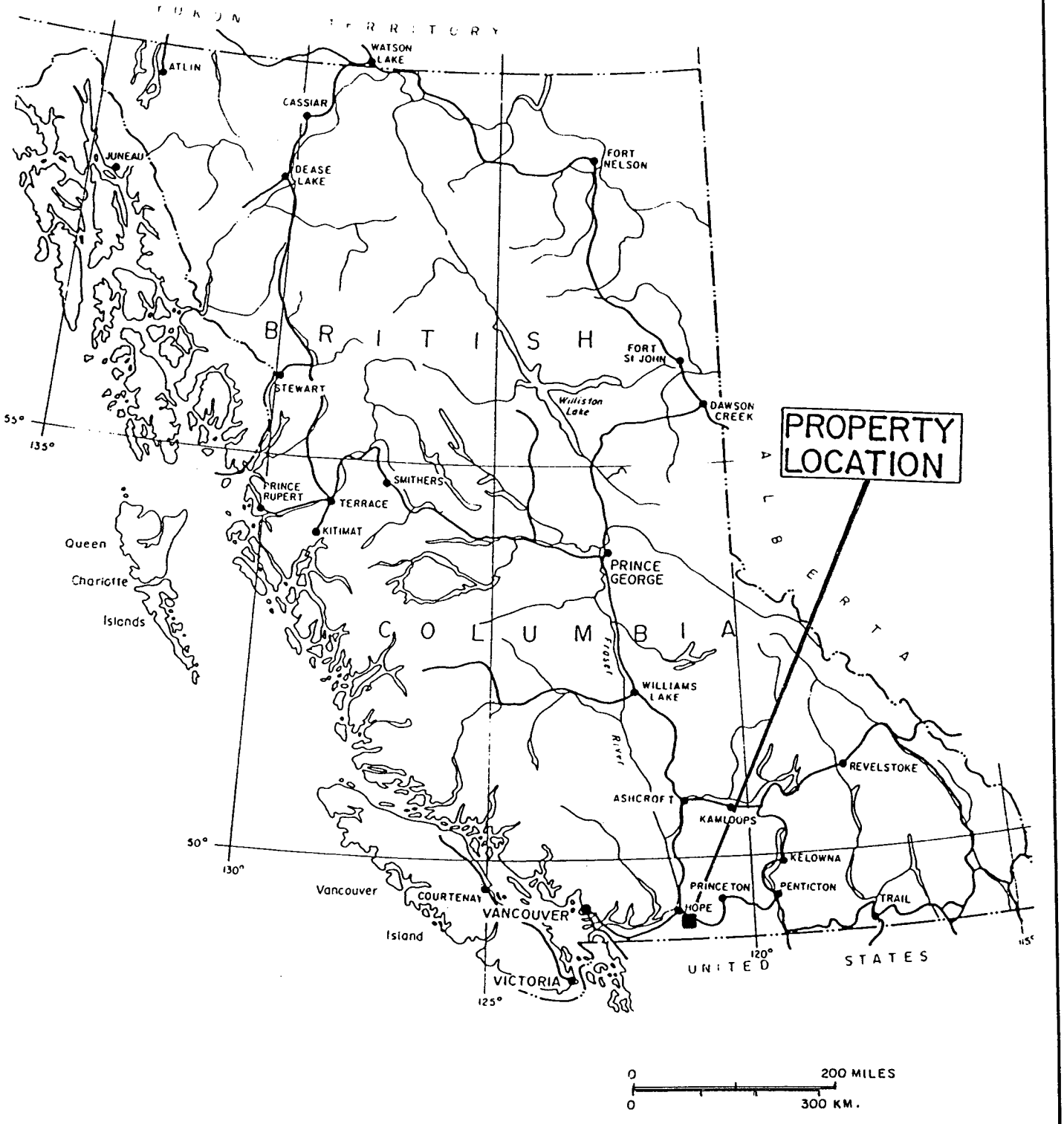
The property lies between elevations 1,310 metres and 1,980 metres above sea level, on the west and southeast slope of Silverdaisy Mountain.

CLAIMS

A total of 159 located claims(161 units) and eight Crown granted claims comprised the property prior to Bethlehem's acquisition. Bethlehem contracted Amex Exploration Services to stake an additional 4 claims (CANAM 1Fr, 2, 3, 4Fr totaling 34 units, fig. 2) to bring the total land position to 163 claims and 195 units. Claim information is contained within Appendix I.

The Skagit Valley Recreational Area covers approximately 2/3 of the total number of claims on the property. Mining and exploration for minerals in these areas are currently restricted but this area has been targeted as possibly being opened within the near future.

All the claims are located within the New Westminster Mining Division.



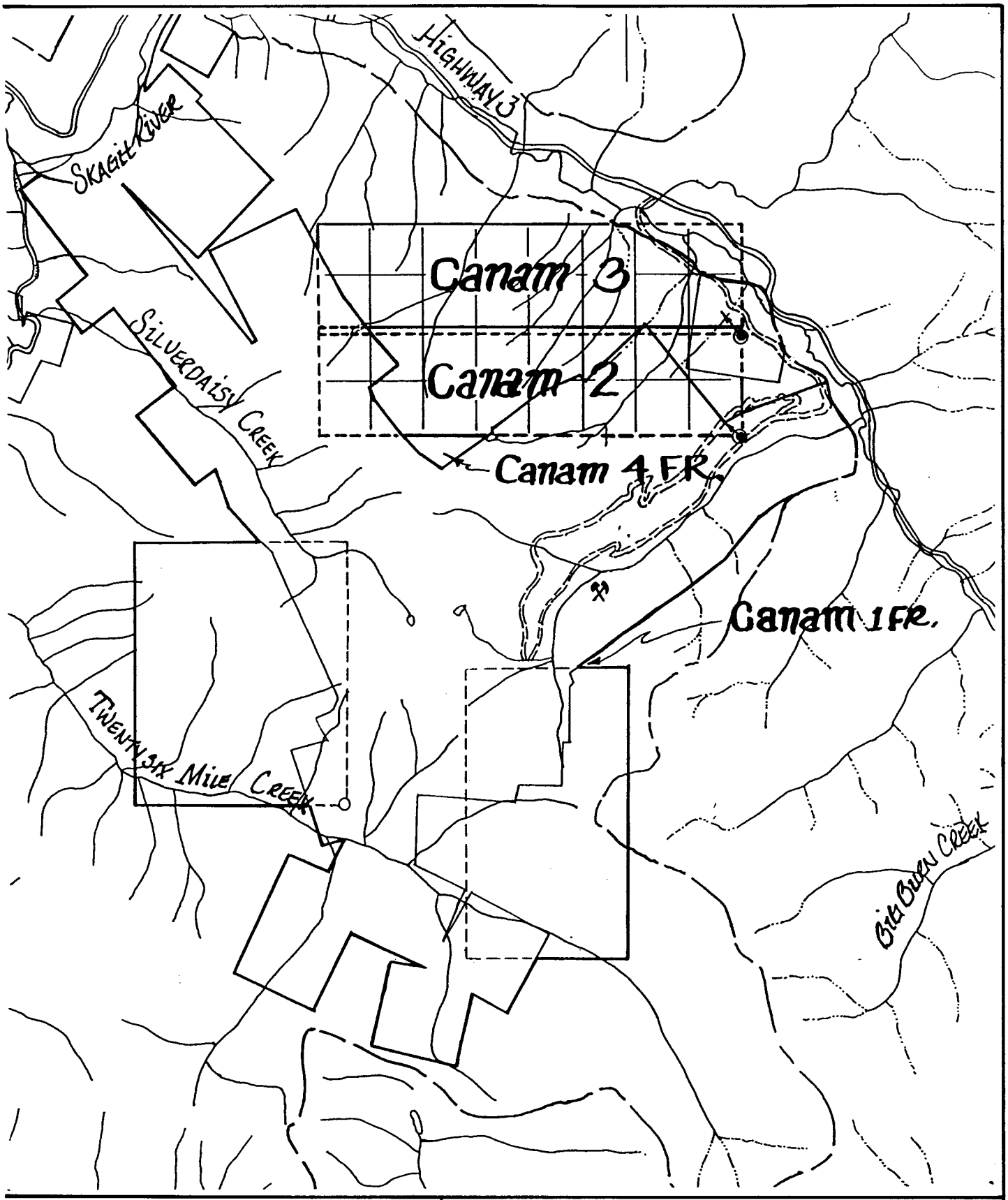
BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROJECT

LOCATION MAP

KEN HICKS CONSULTING	DATE :	MAP INDEX Nº.	SCALE	DRAWING Nº.
K.H. & L.U.		92H - 3	AS SHOWN	FIG. 1

CHONG



BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROJECT

CLAIM MAP

KEN HICKS CONSULTING	DATE :	MAP INDEX Nº.	SCALE	DRAWING Nº.
K.H.	Aug 11, 1989	92H 3	1:50,000	FIG. 2

HONG

HISTORY

The Giant Copper property consists of two main groups of claims, the AM and Invermay, which adjoin but were under separate ownership until 1956.

The AM group located on the east slope of Silverdaisy Mountain was staked in 1930 and the Invermay group on the west slope in 1933. Cominco acquired the AM Group in 1930 and actively explored it until 1938. During this time, the Invermay Group was under the control of the Invermay Annex Mining Company Ltd, who actively explored it until 1938. In the 40's the Invermay Group was held by the Invermay Annex Skagit River Development Company Ltd, who retained it until 1956, at which time it was acquired by Canam Copper Company Ltd who merged it with the AM property.

The AM Group was idle from 1938 until the late 40's when it was acquired by J.W. Hefferman and Associates. This organization did some minor work on the property before turning it over in 1949 to a newly formed company, Canam Mining Corporation Ltd. Following another reorganization a new company was formed , Canam Copper Company Ltd (Canam), who carried on development until 1954 when they optioned the group to the American Metal Company. In 1955, Canam optioned the group to Mogul Mining Company who dropped the option in 1957. During the next two years the property was explored by Cominco. When Cominco withdrew in 1959, Canam undertook an exploration and development program until 1963.

In 1964, GM Resources Limited, then known as Giant Mascot Mines limited, optioned the property and in 1966 purchased all the assets of Canam for slightly under 1.1 million shares.

Since the acquisition of the Giant Copper property by GM Resources several seasons of exploration and development work were carried out up to 1972. No work was done on the property until the fall of 1979 when a limited surface drilling program was carried out by GM Resources Ltd.

In 1980, GM Resources Ltd rehabilitated the No. 10 level Adit and diamond drilled the Invermay Breccia and the Camp Breccia

A summary of the drilling and drifting to 1988 are listed below:

A.M. Breccia				
	Drifting	4,760	metres	(15,615 feet)
	Raising	657		(2,156)
	Drilling	11,980		(39,300)
Invermay Breccia				
	Drifting	600	metres	(2,000)
	Drilling	1,525		(5,000)
(other)	Drilling	300		(1,000)

Published reserves on the AM breccia are approximately 2,700,000 tons at 1.35% Cu, 0.015 oz/ton Au and 0.64 oz/ton Ag. No reserve figures are available for the Invermay zone.

GEOLOGY

The Giant Copper property lies within the Cascades Mountains, a physiographic feature consisting of a north-northwest trending intrusive core flanked by belts of sedimentary and volcanic units (Fig. 3). The property itself is underlain by two sedimentary units separated by the Hozameen Fault. The older Hozameen sediments lie to the west of the fault; the younger, Upper Jurassic Dewdney Creek sediments lie to the east of the fault and are host to the Giant Copper mineralization. Both groups have been intruded by stocks of Cretaceous or Tertiary age diorite and quartz diorite.

The property is underlain by argillites and quartzites of the Dewdney Creek Group that have been intruded by the dioritic Invermay stock. The sedimentary units trend northwest and dip steeply east but are disturbed and brecciated near apophyses and irregularities in the intrusive contact. It appears that the brecciation is related to intrusive emplacement, perhaps having been localized by pre-existing faults or zones of weakness.

A synclinal fold pattern striking and plunging 35 degrees to the north has been observed trending through the AM portion of the property. Surface mapping has shown numerous fold and variations of the normally north striking beds around the fold noses.

Small scale rupturing is apparent on the surface of the property whereas the underground workings show large gouge areas and shear structures which cut through the sediments and intrusives. The gouge zones may extend up to six meters in width with , in many cases undetermined movement. The shear zones in the Invermay stock which range in width from three to thirty centimetres are often well mineralized.

Major fault structures recognized through surface and underground mapping are:

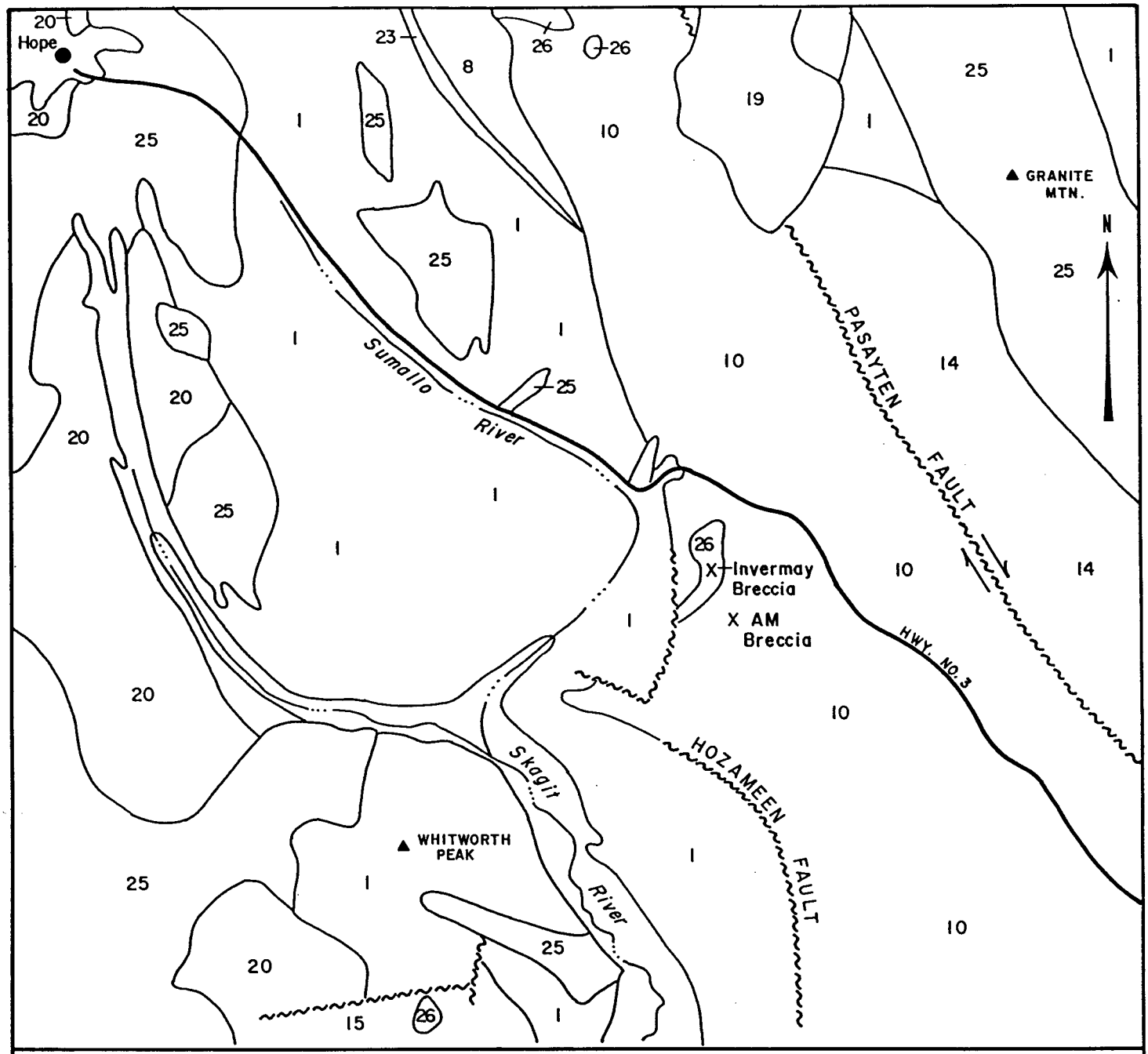
1) North 20-30 degrees West - These are the regional trend structures as depicted by the Hozameen Fault and are pre-ore and pre-intrusive.

2) Northeast - These are considered pre-ore faults that were ideal conduits for mineral passage. These faults, which are the most prevalent, vary widely in thickness.

3) East-west to North 70 degrees West - These are possibly the bounding faults within which the breccias were localized and likely were instrumental in the mineral placement.

Mineralization in the AM breccia can consists of an assemblage of pyrite, chalcopyrite, pyrrhotite with minor amounts of molybdenite, scheelite, galena, sphalerite, magnetite and arsenopyrite. The Invermay mineralization includes galena, jamesonite, pyrite, pyrrhotite and chalcopyrite.

The Giant Copper property contains at least six breccia bodies, two of which are known to have significant base and precious metal mineralization. These can be summarized as follows:



LEGEND

CARBONIFEROUS

1 HOZAMEEN GROUP: ARGILLITE, SLATE, PHYLLITE

JURASSIC

8 LADNER GROUP: SLATE, GREYWACKE, SCHIST

10 DEWDNEY CREEK GROUP: TUFF, AGGLOMERATE

CRETACEOUS

14 PASAYTEN GROUP: ARKOSE, SANDSTONE, ARGILLITE, CONGLOMERATE

15 SKAGIT FORMATION: ANDESITE, RHYOLITE, CONGLOMERATE

TERTIARY

19 COQUIHALLA GROUP: PORPHYRITIC DACITE & RHYOLITE

INTRUSIVE ROCKS

JURASSIC & LATER

23 CHIEFLY SERPENTINE

25 GRANITE, GRANODIORITE

26 QUARTZ DIORITE, DIORITE

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROJECT

REGIONAL GEOLOGY

COMPILED FROM MAPS 737A & 888A

KEN HICKS CONSULTING	DATE:	MAP INDEX Nº.	SCALE	DRAWING Nº.
K.H.		92H - 3	1" = 4miles	FIG. 3

CHONG

i) the AM breccia is a sedimentary hosted breccia which contains an arcuate nose of high grade copper-gold and silver mineralization on the north edge of the breccia. The central and southern extents of the breccia contain some high grade material but have not been tested as extensively as the north nose.

ii) the Invermay breccia is situated within the Invermay intrusive stock. High silver values occur along a strong northeasterly trending shear zone which also contains lower grade copper mineralization within a brecciated zone.

WORK PROGRAM - 1989

GEOCHEMISTRY

Introduction

Beginning in June 1989 Bethlehem Resources Corporation carried out a widespread program of soil and rock sampling on a large area north of the AM breccia in the vicinity of Silverdaisy Mountain (fig. 2). The purpose of the work was to test an area where previous operators had performed cursory prospecting but not a rigorous program of geochemical exploration.

Work completed

During a four week period in June and July approximately 291 soil and rock samples were collected on a grid of widely spaced lines approximately 600 feet apart running mine grid east-west. Grid lines were laid out using compass and topofil and correcting for slope between stations. Sample stations were 100 feet apart along the lines. Samples were shipped to Vangeochem Lab Ltd where they were analyzed for Cu, Pb, Zn, Ag, Au and As using Atomic Absorption Spectrophotometry. Analytical techniques are described in Appendix II and assay certificates are contained within Appendix III.

RESULTS

The results of the soil samples indicate no obvious anomalous geochemical pattern in the area of coverage. However, a small number of rock samples taken from outcrops in the vicinity of Silverdaisy Mountain returned strongly anomalous zinc values and weakly anomalous gold values. These are plotted on the maps contained at the back of the report.

SUMMARY AND CONCLUSIONS

Rock and soil geochemistry has outlined a small number of samples anomalous in zinc and weakly anomalous in gold. These areas should be followed up with detailed sampling to determine the magnitude and extent of the anomalies.

Statement of Expenditures

Geochemical		
Personnel		
M. Ewanchuk	12 days @ $120/day	$1,440.00
I. Currie	12 days @ $ 80/day	$ 960.00
E. Paris	12 days @ $ 80/day	$ 960.00
M. Leduc	12 days @ $ 80/day	$ 960.00
H. Von Stefenelli	12 days @ $ 80/day	$ 960.00
M. MacKenzie	2 days @ $ 80/day	$ 160.00
Accommodation		
62 field man-days @ $35/man-day		$ 2,170.00
Food		
62 field man-days @ $25/man-day		$ 1,550.00
Truck rental		
12 days @ $60/day (all inc.)		$ 720.00
Consumables (soil bags, flagging, etc.)		$ 387.80
Freight		$ 75.00
Drafting		$ 350.00
Analyses 291 samples @ $ 15/sample		$ 4,365.00
Telephone		$ 50.00
Office supplies		$ 35.22
Miscellaneous		$ 60.71
Total Expenditures		$ 15,203.73

ALLOCATION OF ASSESSMENT CREDIT

Claim Name	Record No.	units	Rec Date	Expiry Date	Req'd unit	Value Work	PAC Wdrl	Years Appld	Expiry Date
CANAM 2	3464	16	10/01/88	1989	$100	$6400	$1600	5	1994
CANAM 3	3463	16	10/01/88	1989	$100	$6400	$1600	5	1994
CANAM 4 FR	3462	1	10/01/88	1989	$100	$400	$100	5	1994
		33 units				$13200	$3300	5	

STATEMENT OF QUALIFICATIONS

I, Ken Hicks, hereby certify that:

1.) I am an independent consulting geologist and sole operator of Ken Hicks Consulting with office at 115-1741 West 10th Avenue, Vancouver, B.C.

2.) I am a Fellow of the Geological Association of Canada in good standing.

3.) I graduated from the University of British Columbia in May 1982 with a Bachelor of Science degree (Honours) in Geology.

4.) I have worked in the field of mineral exploration for the past 10 years.

5.) I was engaged as an independent consultant by Bethlehem Resources Corporation of 860 - 808 West Hastings Street, Vancouver, B.C. to design and manage the exploration program outlined in the accompanying report. I have no financial or legal interest in the mineral properties therein described.

Respectfully submitted,

---Ken Hicks---

Ken Hicks
Consulting Geologist

APPENDIX I

CLAIMS INFORMATION

Giant Copper Property
Group: -
No. of Claims: 4
Newly Acquired Claims, 1988

CLAIM NAME	# OF UNITS	GROUP NAME	AREA	RECORD NO	EXPIRY DAT
CANAM 1 FR	1	-	25.0	3460	Sep.29/89
CANAM 2	16	-	400.0	3464	Oct.01/89
CANAM 3	16	-	400.0	3463	Oct.01/89
CANAM 4 FR	1	-	25.0	3462	Oct.01/89
TOTAL = 4	34		900 ha		

APPENDIX II

ANALYTICAL METHODS

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
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Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

Oct 26th, 1988

TO: Ken Hicks
BETHLEHEM RESOURCES LTD.
860 - 808 West Hastings St.
Vancouver, B.C. V6C 2X4

FROM: Vangeochem Lab Limited
1988 Triumph Street
Vancouver, British Columbia
V5L 1K5

SUBJECT: Analytical procedure used to determine gold by fire assay method and detect by atomic absorption spectrophotometry in geological samples.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.

(b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.

(c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2. Method of Extraction

(a) 20.0 to 30.0 grams of the pulp samples were used. Samples were weighed out using a top-loading balance and deposited into individual fusion pots.

(b) A flux of litharge, soda ash, silica, borax, and, either flour or potassium nitrite is added. The samples are then fused at 1900 degrees Farenhiet to form a lead "button".

(c) The gold is extracted by cupellation and parted with diluted nitric acid.

VGC

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(d) The gold bead is retained for subsequent measurement.

3. Method of Detection

(a) The gold bead is dissolved by boiling with aqua regia solution, then diluted with deionized water to 10 mls volume.

(b) The detection of gold was performed with a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values, in parts per billion, were calculated by comparing them with a set of known gold standards.

4. Analysts

The analyses were supervised or determined by Mr. Conway Chun or Mr. David Chiu and his laboratory staff.

David Chiu
VANGEOCHEM LAB LIMITED

APPENDIX III

ASSAY CERTIFICATES

VGC VANGEOCHEM LAB LIMITED

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BRANCH C
PASADENA
BATHURS
MISSISSAUG
RENO, NEVA

REPORT NUMBER: 890300 GA JOB NUMBER: 890300 BETHLEHEM RESOURCES

	SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
139E 226N	800E 100N	17	28	72	.1	10	6
141E 226N	810E 100N	55	36	105	.1	25	15
143E 226N	820E 100N	21	225	114	.2	5	6
145E 226N	830E 100N	21	42	87	.3	10	4
147E 226N	840E 100N	23	34	87	.1	15	9
149E 226N	850E 100N	13	24	46	.1	15	2
151E 226N	860E 100N	16	26	113	.1	20	2
153E 226N	870E 100N	37	29	98	.2	20	8
155E 226N	880E 100N	19	28	97	.3	15	6
159E ~~226~~ 208N	900E 70N	17	26	84	.1	10	nd
159E 208N	900E 72N	26	31	78	.2	5	9
159E 212N	900E 76N	23	30	88	.1	nd	4
159E 214N	900E 80N	14	26	63	.1	10	2
159E 216N	900E 84N	14	26	58	.1	5	1
159E 218N	900E 88N	25	28	81	.5	nd	2
159E ~~220~~N	900E 90N	20	28	71	.1	10	3
159E 222N	900E 92N	30	31	133	.1	10	15
159E 224	900E 96N	46	43	188	.3	10	26
159E 226N	900E 100N	19	30	89	.1	20	4
159E 228N	900E 102N	22	29	88	.2	10	3
159E 230N	900E 104N	30	37	138	.5	25	6
159E 232N	900E 108N	30	36	145	.2	25	7
159E 234N	900E 110N	64	43	194	.1	20	5
159E 236N	900E 116N	19	32	121	.3	20	7
159E 238N	900E 120N	24	29	94	.2	10	4
161E 226N	910E 100N	47	41	146	.2	10	24
163E 226N	920E 100N	13	26	65	.1	15	nd
165E 226N	930 100N	30	38	102	.2	25	14
167E 226N	940 100N	38	41	121	.3	15	17
169E 226N	950 100N	19	32	79	.4	nd	2
170E 226N	955 100N	55	41	138	.3	20	26
171E 226N	960 100N	22	35	132	.2	5	6
173E 226N	970 100N	28	33	129	.2	15	8
175E 226N	980 100N	68	42	107	.6	15	23
179E 226N	990 100N	35	35	190	.4	15	15

DETECTION LIMIT 1 2 1 0.1 5 2

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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BRANCH OF
PASADENA,
BATHURST,
MISSISSAUGA
RENO, NEVADA

REPORT NUMBER: 890301 GA JOB NUMBER: 890301 **BETHLEHEM RESOURCES**

	SAMPLE #	Cu	Pb	Zn	Ag	Au	As
		ppm	ppm	ppm	ppm	ppb	ppm
155E 226N	880E 100N	48.	43	94	.2	nd	13

DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFICE
PASADENA, NFLD
BATHURST, N.B.
MISSISSAUGA, ON
RENO, NEVADA, U.S

REPORT NUMBER: 890312 GA JOB NUMBER: 890312 **BETHLEHEM RESOURCES**

		SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
118 E	204 N	700E 190N	21	20	37	.2	nd	3
118 E	202 N	700E 200N	24	16	62	.1	5	nd
118 E	200 N	700E 220N	15	12	28	.1	5	nd
118 E	198 N	700E 230N	14	16	25	.1	nd	nd
118 E	196 N	700E 240N	26	25	38	.3	nd	nd
118 E	194 N	700E 250N	18	24	34	.3	5	1
118 E	192 N	700E 260N	16	22	47	.2	nd	nd
118 E	190	700E 270N	13	20	65	.1	10	2
118 E	188	700E 280N	33	27	94	.2	10	5
118 E	186	700E 290N	31	28	85	.3	10	3
118 E	184 N	700E 300N	37	28	115	.3	nd	6
120E	202 N	720E 200N	28	38	126	.4	10	7
120E	188 N	720E 280N	41	37	109	.4	5	1
120E	184 N	720E 300N	20	29	68	.3	nd	nd
		745E 190N	43	31	108	.6	5	1
		R-3	22	42	129	.4	10	22
		R-5	43	64	721 •	.2	10	24
		R-6	35	35	94	.3	5	5
		R-7	28	30	64	.6	5	1
		R-8	22	24	41	.1	5	1
		R-9	19	24	20	.3	10	nd
		R-10	13	32	57	.5	15	nd
		R-11	15	30	60	.4	5	2
		R-12	31	34	99	.6	10	20
		R-14	33	30	81	.4	5	12
		R-15	29	31	100	.6	15	6
		R-16	25	24	58	.3	nd	11
		R-20A	25	65	152	.1	nd	12
		R-21A	30	90	168	.3	5	31
		R-22A	90	192	498 •	1.2	10	150
		R-23A	23	44	39	.1	5	15

DETECTION LIMIT 1 2 1 0.1 5 2

nd = none detected -- = not analysed is = insufficient sample

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RENO, NEVADA, U.S

REPORT NUMBER: 890330 GA JOB NUMBER: 890330 BETHLEHEM RESOURCES

		SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
171E	222N	960E 120N	6	9	83	.1	nd	nd
171E	220N	960E 130N	11	25	17	.1	15	3
171E	218N	960E 140N	48	30	95	.5	15	17
171E	216N	960E 150N	18	31	30	.1	nd	14
171E	214N	960E 160N	17	37	24	.3	15	18
171E	212N	960E 170N	5	15	4	.1	nd	2

DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

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MISSISSAUGA, ON
RENO, NEVADA, U.S

REPORT NUMBER: 890330 GA JOB NUMBER: 890330 BETHLEHEM RESOURCES

		SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
141E	208N	810E 190N	23	30	60	.3	5	9
141E	206N	810E 200N	24	30	75	.3	10	8
141E	204N	810E 210N	23	31	107	.4	10	10
147E	236N	840E 50N	27	39	123	.1	nd	17
147E	232N	840E 70N	20	27	68	.2	nd	5
147E	230N	840E 80N	20	26	97	.2	nd	nd
147E	228N	840E 90N	16	23	63	.1	nd	3
147E	226N	840E 110N	14	24	46	.2	nd	4
147E	222N	840E 120N	33	31	83	.4	5	12
147E	220N	840E 130N	23	32	61	.2	10	11
147E	218N	840E 140N	16	29	60	.2	10	6
147E	216N	840E 150N	31	30	59	.5	5	10
147E	214N	840E 160N	9	16	34	.1	nd	nd
147E	212N	840E 170N	27	31	71	.4	nd	13
147E	210N	840E 180N	21	28	63	.3	5	7
147E	208N	840E 190N	21	32	61	.4	5	8
147E	206N	840E 200N	29	29	96	.1	5	6
153E	224N	870E 110N	21	28	100	.4	10	5
153E	222N	870E 120N	27	31	113	.6	15	8
153E	220N	870E 130N	17	24	67	.1	nd	4
153	218N	870E 140N	37	38	125	.4	nd	11
153	216N	870E 150N	22	31	116	.2	nd	9
153	214N	870E 160N	25	30	81	.3	5	9
153	212N	870E 170N	19	29	54	.4	nd	9
165E	232N	930E 70N	22	23	59	.2	10	9
165E	230N	930E 80N	15	24	70	.2	5	5
165E	228N	930E 90N	29	34	82	.2	10	31
165E	224N	930E 110N	13	20	49	.2	nd	3
165E	222N	930E 120N	10	23	67	.2	10	4
165E	220N	930E 130N	24	26	95	.2	5	10
165E	218N	930E 140N	29	30	103	.1	nd	12
165E	219N	930E 145N	52	40	151	.3	5	20
165E	216N	930E 150N	77	48	166	.9	5	27
165E	214N	930E 160N	21	27	81	.3	nd	5
165E	212N	930E 170N	34	31	113	.2	nd	11
171E	232N	960E 70N	14	24	74	.2	10	9
171E	230N	960E 80N	20	23	81	.2	10	7
171E	228N	960E 90N	48	44	106	.1	nd	17
171E	224N	960E 110N	15	26	94	.1	nd	8
		DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFIC
PASADENA, NFL
BATHURST, N B
MISSISSAUGA, O
RENO, NEVADA U

REPORT NUMBER: 890332 GA JOB NUMBER: 890332 BETHLEHEM RESOURCES

		SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
		124E 155N	57	36	105	.4	30	104
		124E 156N	87	38	82	.1	30	49
		124E 162N	64	63	135	.2	10	17
		124E 172N	68	24	94	.2	10	21
		128E 181N	52	24	116	.2	10	13
		128E 182N	49	24	85	.1	20	9
		128E 183N	65	176	184	.1	30	15
		128E 185N	45	65	135	.2	10	4
		174N 124E	61	25	87	.3	10	7
90E	214N	550E 140N	15	24	63	.2	5	19
90E	198N	550E 220N	10	24	54	.1	5	18
90E	186N	550E 280N	38	25	60	.1	5	21
90E	184N	550E 290N	35	77	23	.6	5	52
96E	186N	580E 280N	52	607	2391	2.7	20	5
96E	184N	580E 290N	38	91	276	.7	10	32
96E	182N	580E 300N	27	63	144	.5	5	9
153E	230N	870E 80N	38	22	97	.1	5	7

DETECTION LIMIT 1 2 1 0.1 5 2

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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BRANCH OFFICES
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890311 SA JOB NUMBER: 890311 BETHLEHEM RESOURCES

		SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
129E	228N	750E 90N	64	37	209	.9	5	29
96E	214N	580E 170N	24	26	98	.5	5	5
98E	228N	590E 100N	24	15	209	.8	5	nd
98E	226N	590E 110N	75	23	131	.8	5	62
98E	224N	590E 120N	40	23	39	.5	5	3
98E	222N	590E 130N	79	23	105	.6	5	20
98E	220N	590E 140N	45	17	139	.6	10	26
98E	218N	590E 150N	54	20	165	.9	5	33
98E	216N	590E 160N	53	18	88	.6	20	23
98E	214N	590E 170N	46	21	93	.9	5	27
102E	216N	640E 140N	35	10	62	.6	10	103
102E	212N	640E 180N	50	50	87	.3	5	56
102E	210N	640E 190N	62	15	34	.6	5	29
102E	208N	640E 200N	90	24	95	.3	5	45
102E	206N	640E 210N	21	25	114	.9	20	nd
102E	200N	640E 240N	22	14	43	.9	5	38
102E	198N	640E 250N	47	10	30	.9	5	10
102E	196N	640E 260N	36	11	30	.6	10	3
102E	194N	640E 270N	32	22	54	.9	10	22
104E	212N	650E 160N	59	11	54	.8	5	24
106E	212N	660E 160N	59	19	82	.5	5	23
108E	224N	670E 170N	36	15	49	.5	5	35
108E	225N	670E 175N	75	26	98	.9	5	56
108E	204N	670E 240N	73	21	62	.9	10	30
108E	190N	670E 320N	49	19	69	.6	20	38
		700E 150N	97	21	92	.7	10	39
120E	198N	730E 240N	82	18	243	.9	10	22
120E	196N	730E 250N	79	21	91	.7	5	52
120E	194N	730E 260N	61	16	78	.9	5	24
120E	186N	730E 290N	62	21	75	.6	5	42
123E	226N	745E 160N	77	17	88	.7	20	32
123E	224N	745E 170N	30	20	284	.9	5	29
123E	212N	745E 210N	77	18	58	.7	10	38
123E	208N	745E 220N	113	39	166	.9	10	19
123E	204N	745E 230N	61	13	80	.9	5	29
		R-1	30	24	197	.6	10	60
		R-2	25	67	950	.9	5	52
		R-4	49	25	118	1.0	5	133
		R-12	46	22	106	.9	10	41
		DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFICE
PASADENA, NFLD
BATHURST, N.B
MISSISSAUGA, ON
RENO, NEVADA, U.S.

REPORT NUMBER: 890212 RA JOB NUMBER: 890312 **BETHLEHEM RESOURCES**

	SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
228N 117 E	90N 690E	64	27	131	.1	nd	3
228N 119 E	90N 700E	35	24	88	.1	nd	nd
228N 121 E	90N 720E	40	25	102	.1	25	nd
228N 123 E	90N 730E	32	28	91	.1	5	nd
228N 125 E	90N 740E	142	36	174	.3	15	nd
226N 119E	100N 700E	39	21	60	.1	5	nd
226N 121 E	100N 710W	29	25	106	.1	20	nd
226 N 123 E	100N 720W	53	30	112	.1	20	33
226 N 125 E	100N 730W	52	33	186	.3	5	nd
226 N 127 E	100N 740W	103	33	111	.1	25	nd
226 N 129 E	100N 750W	31	27	72	.2	5	nd
226N 131 E	100N 760W	39	29	130	.2	nd	nd
226N 133 E	100N 770W	35	27	104	.2	10	nd
226 N 135 E	100N 780W	42	37	132	.1	5	nd
226N 137E	100N 790W	23	12	52	.1	10	nd
	134.6N 125.8E	35	505	797	10.5	15	21
	134.6N 126E	28	196	633	1.8	nd	4
	134.6N 126.2E	22	239	625	1.3	5	7
	134.8N 125.6E	24	45	171	.3	25	nd
	134.8N 125.8E	33	68	356	1.5	10	4
	134.8N 126E	37	382	915	5.9	5	17
	134.8N 126.2E	32	325	794	3.8	nd	15
	134.8N 126.4E	21	295	768	1.2	10	21
	135N 125.6E	24	50	136	.4	nd	9
	135N 125.8E	53	99	268	.7	5	15
	135N 126E	28	83	159	.4	nd	3
	135N 126.2E	25	151	494	.4	5	10
	135N 126.4E	31	159	490	.5	10	6
	135.2N 125.6E	55	96	223	.2	5	23
	135.2N 125.8E	30	70	164	.7	5	10
	135.2N 126E	29	66	179	.4	10	2
	135.2N 126.2E	33	118	427	.3	5	11
	135.2N 126.4E	38	122	445	1.0	nd	4
	135.4N 125.8E	29	74	184	.3	nd	7
	135.4N 126.2E	29	73	161	.5	5	5
226N 112E ~~150N 680E~~	150N 690E	55	33	102	.4	10	nd
226N 114E	150N 700AE	29	23	80	.2	15	nd
226N 116E	150N 700.1AE	23	23	34	.2	10	nd
226N 118E	150N 700.2AE	32	28	68	.1	5	nd
	DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFI
PASADENA, NF
BATHURST, N.
MISSISSAUGA, C
RENO, NEVADA, U

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
R-13A	212	110	1738	.9	50	42
R-13	79	24	101	.7	5	50
R-17	41	71	209	1.4	5	31
R-18	26	58	1944	1.5	5	43
R-19	28	50	131	.7	5	24
R-20	28	27	144	.6	5	24
R-21	16	29	345	.4	5	5
R-23	40	46	120	1.0	5	35
R-24	36	24	53	.7	10	9
R-25	41	339	191	1.4	5	16
R-26	35	171	1007	.9	10	32

50

DETECTION LIMIT 1 2 1 0.1 5 2

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFIC
PASADENA, NFL
BATHURST, N.B
MISSISSAUGA, O
RENO, NEVADA, U

REPORT NUMBER: 890312 GA JOB NUMBER: 890312 **BETHLEHEM RESOURCES**

	SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
226N 120E	160N 700.3AE	39	30	79	.3	5	97
	240E 630N	27	26	59	.3	5	nd
95E 211N	580E 180N	19	16	61	.1	10	45
95E 209N	580E 190N	29	28	54	.3	5	4
95E 206N	580E 200N	38	26	78	.3	15	nd
95E 203N	580E 210N	12	13	33	.1	10	nd
95E 200N	580E 220N	28	29	61	.4	5	29
95E 198N	580E 230N	25	29	67	.4	10	1
95E 196N	580E 240N	15	23	58	.1	10	7
95E 192N	580E 250N	5	9	20	.1	10	nd
95E 190N	580E 260N	22	26	73	.3	5	6
95E 189N	580E 265N	15	35	25	.4	10	nd
95E 187N	580E 275N	32	27	69	.1	5	37
102E 224N	640E 110N	20	22	45	.2	nd	1
102E 222N	640E 120N	40	34	105	.3	25	nd
102E 220N	640E 130N	32	25	69	.3	10	nd
102E 216N	640E 150N	23	26	48	.2	10	1
102E 213N	640E 160N	14	13	21	.2	10	1
102E 210N	640E 170N	60	29	102	.2	15	12
102E 200N	640E 200N	45	33	89	.4	20	5
108E 226N	670E 160N	32	32	73	.3	5	nd
108E 221N	670E 180N	59	28	98	.1	5	nd
108E 218N	670E 190N	30	27	75	.3	nd	5
108E 216N	670E 200N	22	19	59	.2	20	nd
108E 212N	670E 210N	48	25	157	.1	10	nd
108E 209N	670E 220N	45	23	94	.1	5	nd
108E 206N	670E 230N	26	28	60	.3	10	1
108E 200N	670E 250N	15	23	25	.1	10	nd
108E 198N	670E 260N	30	36	73	.3	5	7
108E 194N	670E 270N	25	25	73	.1	5	nd
108E 186N	670E 290N	24	24	40	.3	10	nd
108E 184N	670E 300N	44	29	120	.1	nd	1
109E 226N	680E 160N	24	25	61	.1	nd	nd
109E 213N	690E 210N	42	35	70	.4	10	12
109E 184N	690E 300N	29	32	94	.3	nd	1
	700E 140N	33	24	101	.1	nd	nd
	700E 160N	48	25	59	.1	nd	nd
	700E 170N	32	26	57	.3	5	nd
	700E 180N	67	26	78	.1	25	nd
	DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A

REPORT NUMBER: 890330 GA JOB NUMBER: 890330 BETHLEHEM RESOURCES

	SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	As ppm
	R-27A	10	23	28	.2	5	6
	R-29A	13	30	56	.1	5	18
	R-30	11	20	17	.3	10	2
	R-31	24	37	96	.3	5	17
	R-32	17	32	24	.2	5	12
	R-33	13	41	115	.1	5	45
	R-34	15	34	44	.2	5	33
	R-35	16	27	22	.2	5	6
	R-36	33	35	95	.1	10	15
	R-37	21	38	55	.1	5	14
	R-38	24	36	59	.2	10	13
	R-39	13	23	28	.4	5	5
	R-40	14	20	30	.5	5	3
	R-41	19	29	34	.6	nd	13
	R-42	22	36	54	.7	nd	18
	R-43A	14	21	26	.2	10	3
139E .N	800E 50N	50	38	147	.1	10	16
139E .N	800E 60N	56	40	244	.1	5	14
139E .N	800E 70N	62	34	454	.1	nd	7
139E 230N	800E 80N	46	57	174	.3	nd	18
139E 228 N	800E 90N	31	33	93	.1	nd	14
139E 224 N	800E 110N	17	26	70	.1	5	9
139E 222 N	800E 120N	19	30	76	.2	5	11
139E 212N	800E 170N	24	34	70	.2	5	7
139E 208N	800E 190N	28	41	79	.4	nd	24
139E 206N	800E 200N	25	32	63	.5	10	14
141E 236N	810E 50N	22	21	65	.1	5	1
141E 234N	810E 60N	54	26	86	.2	10	6
141E 232N	810E 70N	34	34	136	.3	5	13
141E 230N	810E 80N	18	24	69	.1	5	10
141E 228N	810E 90N	11	16	36	.1	5	1
141E 224N	810E 110N	19	27	72	.1	5	2
141E 222N	810E 120N	17	29	58	.2	5	7
141E 220N	810E 130N	15	25	65	.2	nd	6
141E 218N	810E 140N	18	20	36	.1	nd	7
141E 216N	810E 150N	12	22	46	.1	5	5
141E 214N	810E 160N	11	16	29	.3	10	nd
141E 212N	810E 170N	23	37	89	.2	10	14
141E 210N	810E 180N	25	33	83	.2	5	13
	DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFI
PASADENA, NF
BATHURST, N
MISSISSAUGA,
RENO, NEVADA,

REPORT NUMBER: 890327 GA JOB NUMBER: 890327 BETHLEHEM RESOURCES

		SAMPLE #	Cu	Pb	Zn	Ag	Au	As
			ppm	ppm	ppm	ppm	ppb	ppm
		8028	15	54	1034	1.3	80	28
		660E 160N	56	39	81	.2	10	13
139E	220N	800E 130N	57	34	88	.3	10	18
139 E	218 N	800E 140N	57	44	95	.1	5	14
139 E	216 N	800E 150N	76	41	330	.2	40	15
139 E	214N	800E 160N	84	46	135	.3	40	26
139 E	210 N	800E 180N	51	40	99	.2	30	14
139 E	104N	800E 210N	41	34	75	.3	30	13
141 E	102N	810E 220N	68	38	110	.1	20	15
147 E	234 N	840E 60N	33	30	68	.2	10	9

DETECTION LIMIT	1	2	1	0.1	5	2

nd = none detected -- = not analysed is = insufficient sample

GC No. 50

RIDGE No. 3 FR.

GC No. 48

GC No. 49

GC No. 46

RIDGE FR. 2

GC No. 47

GC No. 44

RIDGE FR 1

GC No. 45

MAY

MAY 2

MAY FR

MAY 1

HANK No. 8

HANK No. 6

HANK No. 7

VERNON No. 8

HANK No. 5

HANK No. 2

HANK No. 1 FR

VERNON No. 7

LORNA FR.

VERNON No. 4

HANK No. 4

VERNON No. 5

VERNON No. 3

LOIS No. 7 FR

HANK No. 1 FR

LOIS No. 8

HANK No. 1 FR

JET No. 2 FR MC

VERNON No. 2

VERNON No. 1

INVERMAY No. 2

LOIS No. 6

JET No. 1 FR. MC

SABRE No. 1 MC

RED No. 4 MC

RED No. 2 MC

RED No. 3 MC

GE No. 1 MC

GE No. 3 MC

IP No. 8 FR.

GE No. 2 MC

GE No. 4 MC

GE No. 5 MC

GE No. 6 MC

GE No. 7 MC

GE No. 8 MC

GE No. 9 MC

GE No. 11 MC

GE No. 12 MC

GE No. 10 MC

IP No. 9 FR.

GM 28

GM 29

GM 30

GM 27

JOHN 2

JOHN 3

JOHN 4

JOHN

GM 32

GM 31

CANAM 3

CANAM 2

CANAM 4 Fr

GC No. 43 MC

IP No. 5 Fr

GC No. 42 MC

IP No. 4 FR

GC No. 41 MC

GC No. 38 MC

IP No. 2 FR

GC No. 40 MC

GC No. 52 MC

GC No. 39 MC

IP No. 5 FR.

GC No. 36 MC

GC No. 37 MC

IP No. 1

IP No. 7 FR

IP No. 6 FR

REX 12

REX 14

REX 11

REX 16

REX 13

REX 18

REX 15

236 N

230 N

226 N

220 N

214 N

208 N

202 N

196 N

190 N

184 N

90 E

95 E

97 E

102 E

108 E

114 E

120 E

125 E

128 E

132 E

134 E

139 E

141 E

147 E

153 E

159 E

165 E

189 E

26,000 N

24,000 N

22,000 N

20,000 N

18,000 N

16,000 N

4,000 E

6,000 E

8,000 E

10,000 E

12,000 E

14,000 E

16,000 E

18,000 E

20,000 E

22,000 E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,045

FEET 0 500 1000 1500 2000 2500 FEET

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROPERTY

North Sheet

DRAWN.	J.W.	N.T.S. 92H 3	PLAN No.
CHECKED.		DATE. JAN. 1989	MAP No. 1
REVISED.		SCALE. 1" = 500'	

4000 E
6000 E
8000 E
10,000 E
12,000 E
14,000 E
16,000 E
18,000 E
20,000 E
22,000 E
26,000 N
24,000 N
22,000 N
20,000 N
18,000 N
16,000 N

GC No. 50
GC No.
RIDGE No.3 FR.
GC No. 48
GC No. 49
GC No. 46
RIDGE FR.2
GC No. 47
GC No. 44
RIDGE FR 1
GC No. 45
MAY
MAY 2
MAY FR.
MAY 1
STY I
IE I
VERNON
6
E 2
HANK No. 8
HANK No. 6
HANK No. 7
VERNON No. 8
HANK No. 5
HANK No. 2
HANK No. 1 FR.
VERNON No. 7
LORNA FR.
VERNON No. 4
VERNON No. 5
VERNON No. 3
HANK No. 4
HANK No. 1 FR.
LOIS No. 7 FR
LOIS No. 8
VERNON No. 2
VERNON No. 1
INVERMAY No. 2
LOIS No. 6
HANK No. 1 FR.
JET No. 2 FR MC
SABRE No. 1 MC
JET No. 1 FR. MC
RED No. 4 MC
RED No. 2 MC
RED No. 3 MC
GE No. 1 MC
GE No. 3 MC
IP No.8 FR.
GE No. 2 MC
IP No. 7 FR
GE No. 4 MC
GE No. 5 MC
GE No. 7 MC
GE No. 9 MC
GE No. 11 MC
GE No. 12 MC
GE No. 10 MC
GE No. 8 MC
GE No. 6 MC
IP No. 6 FR.
IP No. 5 FR
IP No. 4 FR
IP No. 3 Fr.
IP No. 2 FR.
IP No. 1
IP No. 9 FR.
GC No. 43 MC
GC No. 42 MC
GC No. 41 MC
GC No. 40 MC
GC No. 38 MC
GC No. 36 MC
GC No. 35 MC
GC No. 37 MC
GC No. 39 MC
GC No. 52 MC
CANAM 4 Fr.
CANAM 3
CANAM 2
GM 32
GM 31
GM 30
GM 29
GM 28
GM 27
JOHN 4
JOHN 3
JOHN 2
JOHN
REX 12
REX 14
REX 11
REX 13
REX 18
REX 16
REX 15
REX 17
236 N
230 N
226 N
220 N
214 N
208 N
202 N
196 N
190 N
184 N
90 E
95 E
97 E
102 E
108 E
114 E
120 E
125 E
128 E
132 E
135 E
139 E
141 E
147 E
153 E
159 E
165 E

FEET 0 500 1000 1500 2000 2500 FEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,045

BETHLEHEM RESOURCES CORPORATION
GIANT COPPER PROPERTY
SOIL GEOCHEMISTRY
Au (ppb)
North Sheet

DRAWN	JW	NTS 92H 3	PLAN No.
CHECKED		DATE AUG 1989	MAP No. 2.
REVISED		SCALE 1" = 500'	

4000 E
6000 E
8000 E
10,000 E
12,000 E
14,000 E
16,000 E
18,000 E
20,000 E
22,000 E
26,000 N
24,000 N
22,000 N
20,000 N
18,000 N
16,000 N

GC No. 50
GC No. 48
GC No. 49
GC No. 46
GC No. 47
GC No. 44
GC No. 45
RIDGE No. 3 FR.
RIDGE FR. 2
RIDGE FR. 1
MAY 2
MAY FR.
MAY 1
HANK No. 8
HANK No. 6
HANK No. 7
HANK No. 5
HANK No. 2
HANK No. 4
HANK No. 1 FR.
VERNON No. 8
VERNON No. 7
VERNON No. 4
VERNON No. 5
VERNON No. 3
VERNON No. 2
VERNON No. 1
LORNA FR.
LOIS No. 7 FR.
LOIS No. 8
LOIS No. 6
INVERMAY No. 2
JET No. 2 FR. MC
JET No. 1 FR. MC
SABRE No. 1 MC
RED No. 4 MC
RED No. 2 MC
RED No. 3 MC
CANAM 3
CANAM 2
CANAM 4 Fr.
GC No. 43 MC
IP No. 3 Fr.
GC No. 42 MC
GC No. 41 MC
GC No. 40 MC
IP No. 4 FR.
GC No. 38 MC
GC No. 39 MC
IP No. 2 FR.
GC No. 36 MC
GC No. 37 MC
IP No. 1
GC No. 35 MC
IP No. 7 FR.
IP No. 6 FR.
GE No. 2 MC
GE No. 1 MC
GE No. 3 MC
IP No. 8 FR.
GE No. 4 MC
GE No. 5 MC
GE No. 6 MC
GE No. 7 MC
GE No. 8 MC
GE No. 9 MC
GE No. 11 MC
GE No. 12 MC
GE No. 10 MC
IP No. 5 FR.
IP No. 9 FR.
GM 32
GM 31
GM 30
GM 29
GM 28
GM 27
JOHN 4
JOHN 3
JOHN 2
JOHN
REX 12
REX 14
REX 11
REX 13
REX 18
REX 15
REX 16
236 N
230 N
226 N
220 N
214 N
208 N
202 N
196 N
190 N
184 N
90 E
95 E
97 E
102 E
108 E
124 E
128 E
132 E
139 E
141 E
147 E
159 E
165 E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,045

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROPERTY

SOIL GEOCHEMISTRY
Zn (ppm)

North Sheet

DRAWN: SW	NTS 92M 3		PLAN No.
CHECKED	DATE AUG 1989		MAP No. 5
REVISED	SCALE 1" = 500'		

GC No. 50

GC No.

RIDGE No. 3 FR

GC No 48

GC No. 49

GC No. 46

RIDGE FR 2

GC No. 47

GC No. 44

RIDGE FR 1

GC No. 45

MAY 2

MAY FR

MAY 1

STY 1

IE 1

VERNON

6

E 2

MAY

HANK No. 8

HANK No. 6

HANK No. 7

VERNON No. 8

HANK No. 5

HANK No. 2

HANK No. 1 FR

VERNON No. 7

LORNA FR.

VERNON No. 4

VERNON No. 5

VERNON No. 3

HANK No. 1 FR

LOIS No. 7 FR

LOIS No. 8

VERNON No. 2

VERNON No. 1

INVERMAY No. 2

LOIS No. 6

HANK No. 4

JET No. 2 FR MC

JET No. 1 FR. MC

SABRE No. 1 MC

RED No. 4 MC

RED No. 2 MC

RED No. 3 MC

GE No. 1 MC

CANAM 3

CANAM 2

CANAM 4 Fr

GC No. 43 MC

IP No. 4 Fr.

GC No. 42 MC

GC No. 41 MC

IP No. 3 FR

GC No. 40 MC

IP No. 4 FR

GC No. 38 MC

GC No. 36 MC

IP No. 1

GC No. 37 MC

GC No. 35 MC

IP No. 7 FR

IP No. 6 FR

GE No. 2 MC

GC No. 52 MC

GC No. 39 MC

IP No. 5 FR

GE No. 8 MC

GE No. 6 MC

GE No. 4 MC

GE No. 3 MC

IP No. 8 FR

GE No. 7 MC

GE No. 5 MC

GE No. 9 MC

GE No. 11 MC

GE No. 10 MC

GE No. 12 MC

IP No. 9 FR

GM 32

GM 31

GM 30

GM 29

GM 28

GM 27

JOHN 4

JOHN 3

JOHN 2

JOHN

REX 12

REX 14

REX 11

REX 13

REX 16

REX 18

REX 15

236 N

230 N

226 N

220 N

214 N

208 N

202 N

196 N

190 N

184 N

90 E

95 E

97 E

102 E

108 E

114 E

119 E

125 E

128 E

132 E

124 E

139 E

141 E

147 E

165 E

159 E

185 E

4000 E

6000 E

8000 E

10,000 E

12,000 E

14,000 E

16,000 E

18,000 E

20,000 E

22,000 E

26,000 N

24,000 N

22,000 N

20,000 N

18,000 N

16,000 N

N

0 500 1000 2500 FEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,045

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROPERTY

SOIL GEOCHEMISTRY
Cu (ppm)

North Sheet

DRAWN	JW	NTS 92H 3	PLAN No.
CHECKED		DATE Aug. 1989	MAP No. 3
REVISED		SCALE 1" = 500'	

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROPERTY

SOIL GEOCHEMISTRY As(ppm)

North Sheet

19,045

DRAWN	JW	NTS 92H 3	PLAN No.
CHECKED		DATE Aug. 1989	MAP No. 6
REVISED		SCALE 1" = 500'	

FEET 0 500 1000 1500 2000 3500 FEET

GC No. 50

GC No.

RIDGE No. 3 FR

GC No. 48

GC No. 49

GC No. 46

RIDGE FR 2

GC No. 47

GC No. 44

RIDGE FR 1

GC No. 45

MAY 2

MAY FR

HANK No. 8

MAY 1

HANK No. 6

HANK No. 7

VERNON No. 8

HANK No. 5

HANK No. 2

VERNON No. 7

HANK No. 1 FR

LORNA FR

VERNON No. 4

VERNON No. 3

HANK No. 4

VERNON No. 5

HANK No. 1 FR

LOIS No. 7 FR

LOIS No. 8

VERNON No. 2

VERNON No. 1

INVERMAY No. 2

LOIS No. 6

JET No. 2 FR MC

JET No. 1 FR. MC

SABRE No. 1 MC

RED No. 4 MC

RED No. 3 MC

RED No. 2 MC

GE No. 1 MC

GE No. 3 MC

IP No. 8 FR.

GE No. 5 MC

GE No. 7 MC

GE No. 4 MC

IP No. 7 FR.

GE No. 2 MC

IP No. 6 FR.

GC No. 35 MC

GC No. 37 MC

GC No. 36 MC

GC No. 38 MC

GC No. 39 MC

IP No. 5 FR

GE No. 6 MC

GC No. 41 MC

GC No. 40 MC

GC No. 52 MC

GE No. 8 MC

GE No. 9 MC

IP No. 4 FR

IP No. 2 FR

IP No. 1

GC No. 42 MC

GC No. 43 MC

IP No. 5 FR

IP No. 9 FR.

GE No. 10 MC

GE No. 11 MC

GE No. 12 MC

GM 28

GM 27

GM 29

GM 30

GM 31

GM 32

JOHN 3

JOHN 2

JOHN

JOHN 4

CANAM 4 Fr.

CANAM 2

CANAM 3

REX 12

REX 14

REX 11

REX 13

REX 15

REX 16

REX 18

236 N

230 N

226 N

220 N

214 N

208 N

202 N

196 N

190 N

184 N

90 E

95 E

97 E

102 E

108 E

114 E

120 E

124 E

128 E

134 E

139 E

141 E

147 E

159 E

165 E

171 E

185 E

26,000 N

24,000 N

22,000 N

20,000 N

18,000 N

16,000N

4000 E

6000 E

8000 E

10,000 E

12,000 E

14,000 E

16,000 E

18,000 E

20,000 E

22,000 E

FEET 0 500 1000 1500 2000 3500 FEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,045

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROPERTY

SOIL GEOCHEMISTRY
Pb(ppm)

North Sheet

DRAWN	JW	N.T.S. 92H 3	PLAN No.
CHECKED		DATE Aug. 1989	MAP No. 7
REVISED		SCALE 1" = 500'	

GC No. 50

GC No. 48

GC No. 49

RIDGE No. 3 FR.

GC No. 46

RIDGE FR. 2

GC No. 47

GC No. 44

RIDGE FR 1

GC No. 45

MAY

MAY 2

MAY FR.

MAY 1

HANK No. 8

HANK No. 6

HANK No. 7

VERNON No. 8

HANK No. 5

HANK No. 2

HANK No. 1 FR.

VERNON No. 7

LORNA FR.

VERNON No. 4

HANK No. 4

VERNON No. 5

VERNON No. 3

HANK No. 1 FR

LOIS No. 7 FR

LOIS No. 8

VERNON No. 2

VERNON No. 1

INVERMAY No. 2

LOIS No. 6

JET No. 2 FR MC

JET No. 1 FR. MC

SABRE No. 1 MC

RED No. 4 MC

RED No. 2 MC

RED No. 3 MC

GE No. 1 MC

CANAM 3

CANAM 2

CANAM 4 FR.

GC No. 43 MC

IP No. 5 Fr.

GC No. 42 MC

IP No. 4 FR

GC No. 41 MC

GC No. 40 MC

GC No. 38 MC

IP No. 2 FR.

GC No. 39 MC

GC No. 36 MC

GC No. 37 MC

IP No. 1

GC No. 35 MC

IP No. 6 FR.

GE No. 2 MC

IP No. 7 FR

GE No. 4 MC

GE No. 3 MC

GM 32

GM 31

JOHN 4

JOHN 3

JOHN 2

GM 30

GM 29

GM 28

GE No. 12 MC

GE No. 10 MC

IP No. 9 FR.

GM 27

GE No. 11 MC

GE No. 8 MC

GE No. 9 MC

GE No. 6 MC

GE No. 7 MC

IP No. 5 FR.

GC No. 52 MC

IP No. 8 FR.

GE No. 5 MC

REX 12

REX 14

REX 11

REX 16

REX 13

REX 18

REX 15

REX 17

236 N

230 N

226 N

220 N

214 N

208 N

202 N

196 N

190 N

184 N

147 E

165 E

159 E

139 E

141 E

120 E

102 E

108 E

90 E

95 E

97 E

128 E

132 E

134 E

40,000 E

6000 E

8000 E

10,000 E

12,000 E

14,000 E

16,000 E

18,000 E

20,000 E

22,000 E

26,000 N

24,000 N

22,000 N

20,000 N

18,000 N

16,000 N

25,000 E

500 0 1000 1500 2000 2500 FEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,045

BETHLEHEM RESOURCES CORPORATION

GIANT COPPER PROPERTY

SOIL GEOCHEMISTRY
Ag(ppm)

North Sheet

DRAWN	JW	NTS 92H 3	PLAN No.
CHECKED		DATE AUG. 1989	MAP No. 4
REVISED		SCALE 1:500	