



TYPE OF REPORT/SURVEY(S)	TOTAL COST
Geological/Geochemical Report	\$ 11,014.50

AUTHOR(S) Tom Pollock  
Alex Nikolajevich

SIGNATURE(S) *[Handwritten signatures]*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Not filed

PROPERTY NAME(S) BEN

YEAR OF WORK 1991

COMMODITIES PRESENT Ag, Au, Pb, Cu

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN: New property

MINING DIVISION: Quineca NTS 93F/7E

LATITUDE 53°19'00" N LONGITUDE 124°33'30" W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

BEN (20 units), BEN 1 (10 units), BEN 2 (2 units), BEN 3 (18 units)

OWNER(S)

(1) BHP-Utah Mines Ltd. (2)

MAILING ADDRESS

#1600 - 1050 West Pender Street  
Vancouver, B.C. V6E 3S7

OPERATOR(S) (that is, Company paying for the work)

(1) BHP-Utah Mines Ltd. (2)

MAILING ADDRESS

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SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Lower to Middle Jurassic Hazelton Group sediments and volcanics have been intruded by Upper Jurassic to Cretaceous felsic to intermediate granitoids. Bedding strikes northwest and has shallow dips to the west. Sulphides are concentrated in hornfels Hazelton Group rocks and carry anomalous values in Au, Pb, and Cu. No economic deposits have been found to date.

REFERENCES TO PREVIOUS WORK New showing.

22059

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JAN 17 1992

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VANCOUVER, B.C.

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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

22,059

LIST OF APPENDICES

- I Cost Statement
- II Geochemical Analyses
- III Statements of Qualifications

LIST OF MAPS (in pocket)

- 1 Property Geology
- 2 Rock and Stream Silt Geochemistry
- 3 Silver Soil Geochemistry
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1.0 SUMMARY

The Ben Property, located in the Nechacko River area of central British Columbia, is underlain by Lower to Middle Jurassic Hazelton Group rocks, which have been cut by Upper Jurassic to Cretaceous felsic to intermediate intrusions. Pyrite-pyrrhotite-arsenopyrite mineralization in addition to minor chalcopyrite, molybdenite and galena is largely confined to hornfelsed Hazelton Group rocks. Silver values are appreciable and are often accompanied with weak gold mineralization.

Work on the claims was only on a reconnaissance level and consisted of limited mapping, rock chip and soil sampling. This field work was performed over a period of 28 man days by three geologists whose names are as follows: Tom Pollock, Alex Nikolajevich and Shaun Pattenden.

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2.0 INTRODUCTION

2.1 Location and Access

The BEN Property is located in the Omineca Mining Division approximately 85 kilometers southwest of Vanderhoof, B.C. (Figure 2.1). Tatelkuz and Chutanli Lakes lie to the southwest and northeast, respectively. The approximate centre of the property is at 124°33'30"W longitude and 53°19'00"N latitude.

Access to the the property is via the Kluskus-Ootsa forest service road south from Vanderhoof for a distance of 101 kilometers. At this point the "Yellow" road is taken for another six kilometers south, past Westar Timber's camp to the property. Alternatively, Northern Mountains' helicopter may be chartered out of Vanderhoof.

2.2 Physiography, Vegetation, and Climate

The BEN Property is located within the Interior Plateau, an area known for its gently rolling hills and broad open valleys. More specifically, the property lies within the Nechako Range which has reliefs of about 750 meters. Rock exposure is generally poor owing to the flat and not uncommonly swampy nature of the ground.

Forests are of mixed spruce and pine, and generally cover most of the dry land except where clear cut. The average annual rainfall is between 40 and 50 centimeters while temperatures vary between -15°C and 16°C.

2.3 Claims

The BEN Property consists of four claims totalling 50 units (Figure 2.2). The claims were staked by BHP-UTAH Mines Ltd. personnel and are 100% owned by the Company.

The following table gives data relevant to the current status of the claims:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Tag No.</u>	<u>Anniv.Date</u>
BEN	20	301402	102447	June 18/92
BEN 1	10	303281	94639	Aug. 11/92
BEN 2	2	303282	94638	Aug. 11/92
BEN 3	18	303283	94637	Aug. 13/92

Table 2.1: Claim Data for the BEN Property.

Figure 2.1

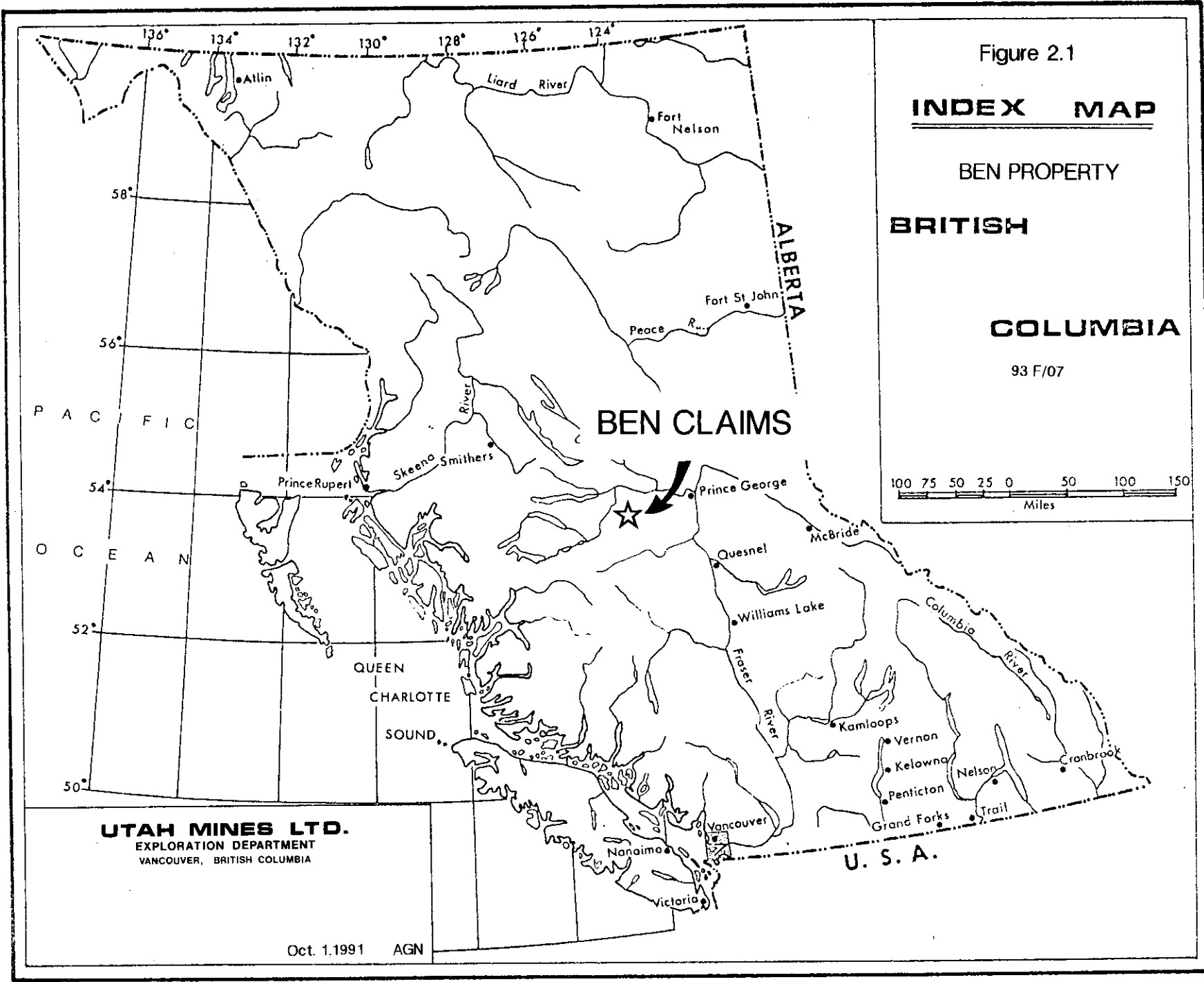
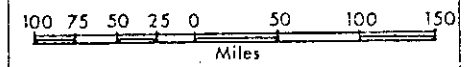
**INDEX MAP**

BEN PROPERTY

**BRITISH**

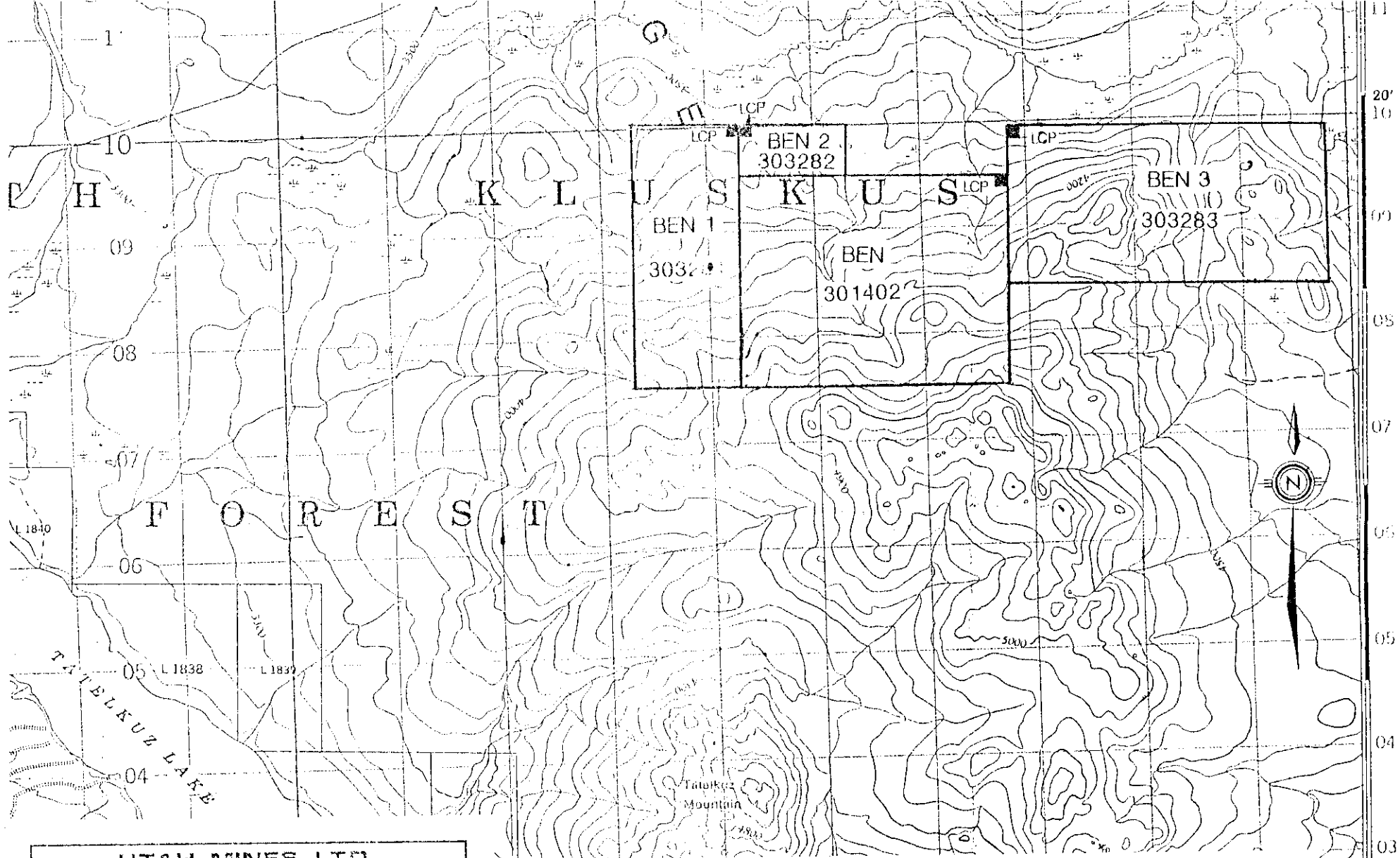
**COLUMBIA**

93 F/07



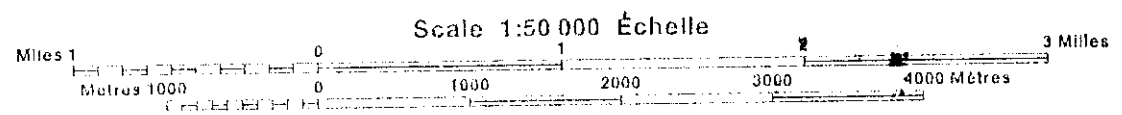
**UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER, BRITISH COLUMBIA

Oct. 1, 1991 AGN



<b>UTAH MINES LTD.</b>	
EXPLORATION DEPARTMENT VANCOUVER, BRITISH COLUMBIA	
Figure 2.2	
BEN PROPERTY	
<b>LOCATION MAP</b>	
Scale 1:50,000	
NTS Ref.: 93 F/07	REVISIONS
Work by: AGN SP TRP	Work by:
Drawn by: AGN	Drawn by:
Date: OCT. 1, 1991	Date:

**CHEDAKUZ CREEK**  
 COAST LAND DISTRICT RANGE 4  
 BRITISH COLUMBIA COLOMBIE-BRITANNIQUE



11  
 20'  
 10  
 09  
 08  
 07  
 06  
 05  
 04  
 03  
 5000  
 4000  
 3000  
 2000  
 1000  
 0  
 53°15'  
 124°30'

#### 2.4 Previous Exploration

No previous work has been claimed for assessment credit on the ground now covered by the BEN Property. The mineralization found on the property was discovered by driving a new road into a clearcut while carrying out reconnaissance exploration for volcanogenic massive sulphides in the area.

The closest mineral properties to the BEN Property, owned by other individuals, are the CHU and C located immediately to the north.

#### 2.5 1991 Work Program

During 1991 two separate programs were conducted on the BEN claims. The first was carried out between August 9th and 12th, and consisted of the following work:

- 7,400 meters of flagged grid line
- 143 soil samples
- 24 rock samples
- 4 stream sediment samples
- 10 man days of 1:10,000 scale geological mapping

The second program carried out between September 3rd and 7th simply carried on from where the first left off and consisted of the following:

- 5,800 meters of flagged grid line
- 98 soil samples
- 16 rock samples
- 4 man days of 1:10,000 scale geological mapping

Approximately 90% of the above listed work was on the BEN claim with the remaining portion being on the BEN 1, BEN 2 and BEN 3 claims.

### 3.0 GEOLOGY

#### 3.1 Regional Geology

The regional geology of the area has been mapped by H. W. Tipper and is shown on Map 1131A which accompanies G.S.C. Memoir 324. Table 2 shows the stratigraphic succession according to Tipper (1963).

The oldest rocks exposed in the region are Upper Triassic to Lower Jurassic Takla Group mafic volcanic flows, breccias and tuffs with interbedded argillite, greywacke and limestone. Resting unconformably on the Takla Group is the Middle to



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Lower Jurassic Hazelton Group which is broken down into a largely sedimentary upper section and a mixed volcanic and sedimentary lower section. The sediments consist of greywacke, argillite and chert pebble conglomerate, while the volcanics are largely andesitic flows and tuffs.

The Ootsa Lake Group is a non marine, Upper Cretaceous to Oligocene succession that lies with an angular discordance on Jurassic and older rocks. It is divisible into two units: a lower succession dominated by intermediate to mafic volcanics and an upper succession of more felsic volcanics. The late Tertiary Endako Group, a basaltic to andesitic lava, breccia and tuff succession unconformably overlies the Ootsa Lake Group.

Intrusions consist of Lower Jurassic Topley granite, granodiorite and diorite and a later set of intrusions of similiar composition, ranging in age between Upper Jurassic and Cretaceous.

**Table 2.2 Table of Formations for the Nechako River Map Area**

ERA	PERIOD OR EPOCH	FORMATION	LITHOLOGY
Cenozoic	Recent		Stream and lake deposits, talus, soil
	Pleistocene		Glacial and glacio-fluvial deposits
	Erosion interval		
	Miocene and (?) later	Endako Group	Basalt, andesite; related tuff and breccia; minor shale and greywacke
Angular unconformity			
Mesozoic and Cenozoic	Upper Cretaceous to Lower Miocene	Ootsa Lake Group	Rhyolitic and dacitic tuff and breccia; shale, sandstone, conglomerate
			Rhyolite, dacite, trachyte, andesite; minor basalt; related tuff and breccia
			Basalt, andesite; minor rhyolite, sandstone, and conglomerate
Erosion interval			

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Mesozoic	Post-Middle Jurassic-pre-Upper Cretaceous		Biotite granite, granodiorite, quartz diorite, diorite; minor gabbro
	Not in contact		
	Upper Jurassic (Callovian)		Argillite, argillaceous limestone
	Relations not known; intrusive contact with younger granitic rocks		
	Middle Jurassic (Bajocian)	Hazelton Group	Greywacke, argillite, conglomerate tuff, breccia, andesite, and arkose; minor rhyolite
			Andesite, related tuffs and breccias, chert-pebble conglomerate, shale, and sandstone
	Unconformity; erosional interval		
	Lower Jurassic mainly or entirely	Topley Intrusions	Granite, granodiorite, diorite, and quartz diorite
	Intrusive contact with lower part of Takla Group		
			Red and brown shale, conglomerate and greywacke
		Andesitic and basaltic flows, tuffs, and breccias; interbedded argillite and minor limestone	
Not in contact; intrusive contact with Topley Intrusions			
	Post-Upper Permian-pre-Lower Jurassic		Serpentinized peridotite, talc schists, anthophyllite schists
Not in contact; intrusive contact between Topley Intrusions and Cache Creek Group			
Paleozoic	Pennsylvanian (?) and Permian	Cache Creek Group	Limestone

From Tipper (1963)

### 3.2 Property Geology

Limited rock exposures and the minimal amount of time spent mapping on the property to date has revealed only a general picture of the geology underlying the claims. It is known, however, that the claims straddle the contact between a major east-west striking body of Upper Jurassic to Cretaceous intermediate intrusions and Lower to Middle Jurassic Hazelton Group volcanics and sediments.

The main intrusive body consists of a salt and pepper

textured, non foliated granodiorite with subordinate granite and quartz diorite. The contact between the main intrusive body and the Hazelton Group has not been seen in outcrop but it can locally be narrowed down to a few tens of meters from a combination of outcrop and float mapping. Along the contact, at least on the BEN claim, are small intrusive bodies of monzonite which appear to be related to the mineralization on the property. The dimensions of these intrusives and their relationships to the main intrusion is unknown at this time. In one location (L4100N/4500E), the monzonite takes on the shape of a tongue protruding outwards from the grandiorite into the Hazelton Group. At other locations, only float of the monzonite can be found along the main contact. Other granitic rocks found intruding the Hazelton Group consist of dioritic plugs, and dykes of hornblende porphyry granite and quartz feldspar porphyry.

Hazelton Group rocks are dominated by intermediate flows and related pyroclastic rocks, and siltstone. Locally felsic volcanics, argillite and chert pebble conglomerate are also seen. Near the intrusive bodies it is not uncommon for these rocks to be hornfelsed and carry several percent biotite which gives the rocks a dark brown to purplish colour.

Little is known of the structure of the property other than foliations tend to strike in a northwesterly direction and have steep dips to the southwest.

The reconnaissance geology of the BEN Property is shown on Map 1. A brief description of the rock types found on the property is given below.

**3.2.1 Andesitic Flows**

Lime green to dark green, aphanitic to fine grained and chloritized. Where exposed, the unit is massive. Some exposures may be very fine grained ash tuffs.

**3.2.2 Andesitic Tuffs**

Dark green commonly chloritized fine grained matrix with rare epidote. Range from ash tuffs to lapilli, crystal and crystal lithic tuffs with white feldspar crystals being the most common constituent. Occasional flattened fragments of argillite(?) no longer than one centimeter are found. This unit is most common in the southeast corner of the BEN claim.

3.2.3 Dacitic Volcanics

The maroon variety are fine to medium grained and occasionally sugary textured. Brown to maroon biotite is common. They have been affected by nearby intrusions and all primary textures have been obliterated by metamorphism, hence the difficulty in distinguishing their exact nature.

A dark grey lithic-lapilli dacitic tuff comprised of a fine grained to aphanitic matrix containing occasional quartz grains and lithic fragments occurs on the BEN 3 claim.

3.2.4 Rhyolitic Tuffs

Grey to light grey fine grained recrystallized felsic lapilli tuff with 10% feldspar fragments. This rock is commonly sugary textured due to metamorphism.

3.2.5 Argillite

Black laminated/foliated argillite commonly containing 3-5% pyrrhotite on laminations.

3.2.6 Siltstone

Buff to tan coloured, massive to thin bedded siltstone.

3.2.7 Chert Pebble Conglomerate

Thickly bedded, matrix supported chert pebble conglomerate.

3.2.8 Granodiorite/Granite

Coarse grained, biotite spotted (to 15%), white to light grey granodiorite/granite.

3.2.9 Diorite

Grey, fine to medium grained homogeneous diorite.

3.2.10 Monzonite

Fine to medium grained, light grey monzonite with 5-10% black to brown biotite. The rock locally carries up to 0.5% tourmaline and is often weakly magnetic. Volumetrically this unit is insignificant when compared to the granodiorite although little mapping has been done

on the property to date. The relationship, if any, between units 6 and 7 is unknown at this time (See Map 1).

**3.2.11 Hornblende Porphyritic Granite**

Fine to medium grained hornblende porphyritic granite dyke. Hornblende phenocrysts commonly are altered to chlorite and are up to 5mm in size.

**3.2.12 Quartz Feldspar Porphyry**

Light grey to white, fine grained quartz feldspar porphyry intrusive/dyke. Matrix is an aphanitic quartz-feldspathic material. Phenocrysts range in size up to 2mm in length and comprise 20% of the rock.

**3.3 Mineralization**

Suphides on the property occur largely in the disseminated form and reach their greatest concentrations in either altered monzonite or Hazelton Group rocks peripheral to monzonite. In order of decreasing abundance they are as follows: pyrite, pyrrhotite, arsenopyrite, chalcopyrite, molydenite and galena.

The amount of suphides in the monzonite is highly variable but on average would range between 2-3% pyrite and/or pyrrhotite, trace to 1% arsenopyrite, trace to 0.5% molybdenite and trace chalcopyrite. Gold and silver values are in the weakly anomalous levels.

Hazelton Group rocks can carry up to several percent arsenopyrite in addition to appreciable values in gold and silver. Samples 91BENRO-25 & 26, for example, consisted of a three meter chip across arsenopyrite bearing hornfelsed volcanics that ran 95 gms Ag, 0.7 gms Au and 0.2% Pb. A sample of similar material on strike 125 meters to the northwest carried 65 gms Ag and 0.3 gms Au over 3.5 meters in addition to anomalous levels of lead and zinc. Copper in both the Hazelton Group and monzonite appears to occur in only minor amounts.

Sample locations for rock and stream sediment samples taken on the BEN claims are shown on Map 2. Analytical results for the same samples are given in Appendix II.

Silver and arsenic soil geochemistry, shown on Maps 3 and 4 respectively, appear to best outline the areas of mineralization. One of the two main soil anomalies outlined by the two elements is centred on baseline 4600E and lies

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peripheral to the main monzonite tongue intruding Hazelton Group. The source of the second and larger anomaly centred on baseline 5500E is unknown, except that at least part of the area is underlain by arsenopyrite bearing hornfelsed Hazelton Group. The silver anomaly measures approximately 400 metres<sup>2</sup> and contains values greater than 1.0 ppm. This anomaly and a much smaller anomaly to the east are open in a southeasterly direction along the main intrusive - Hazelton contact.

Analytical results for other elements are given in Appendix II.

#### 4.0 CONCLUSIONS

Pyrite, pyrrhotite, and arsenopyrite mineralization with subordinate molybdenite, chalcopyrite, and galena is found throughout the BEN property and represents a significant new exploration target. Silver and gold values appear to be associated with the presence of arsenopyrite. Mineralization occurs largely in the disseminated form in hornfelsed Hazelton Group sediments and volcanics peripheral to monzonite stocks or plugs. Although the small monzonite bodies are often mineralized along their contacts with the Hazelton Group rocks, a much larger, regional scale intrusion(s) rarely carries sulphides. The relationship between the monzonite bodies and the regional scale intrusive(s) is unknown at present.

**5.0 RECOMMENDATIONS**

Further work on the BEN claims is highly recommended and is outlined below:

1. Finish mapping the property at 1:10,000 scale.
2. Soil sample the entire intrusive - Hazelton Group contact utilizing 100 m spaced grid lines. Sampling should extend a minimum of 500 metres out into the Hazelton Group rocks away from the contact.
3. Mag-VLF the entire property.
4. Trench the strong arsenopyrite showings found at sample locations 91BENRO-22 and 25.



6.0 REFERENCES

Tipper, H.W.,  
1963: Nechako River Map-Area, British Columbia, Geol.  
Survey of Canada, Memoir 324.

Tipper, H.W., et al.,  
1979: Parsnip River, British Columbia, Geol. Survey of  
Canada, Map 1424A.

**APPENDIX I**

**COST STATEMENT**

COST STATEMENT

ON-PROPERTY COSTS

<u>SALARIES:</u>	<u>ManDays</u>		<u>Cost/ManDay</u>	
A. Nikolajevich				
Aug. 9-13	5	@	\$ 146.00	\$ 730.00
Sept. 2-08	7	@	146.00	1,022.00
S. Pattenden				
Aug. 9-13	5	@	138.00	690.00
Sept. 2-08	7	@	138.00	966.00
T. Pollock				
Aug. 9-12	4	@	185.00	<u>\$ 740.00</u>
<b>Subtotal</b>				<b>\$4,148.00</b>

<u>GEOCHEMICAL ANALYSIS:</u>	<u>Samples</u>		<u>Cost/Sample</u>	
Soils	241	@	\$ 10.50	\$2,530.50
Rocks	40	@	13.85	544.00
Stream silts	4	@	10.50	<u>\$ 42.00</u>
<b>Subtotal</b>				<b>\$3,116.50</b>

ACCOMMODATIONS AND/OR FOOD:

Westar Timber's				
Kluskus camp (days)	26	@	56.00	\$1,456.00
Motels (rooms)	3	@	45.00	135.00
Meals				<u>120.00</u>
<b>Subtotal</b>				<b>\$1,711.00</b>

OFF-PROPERTY COSTS - Plotting, mapmaking, report writing, etc.

A. Nikolajevich, Geologist	4	@	146.00	\$ 584.00
T. Pollock, Geologist	3	@	185.00	555.00
T. Drews, Draftsperson	5	@	160.00	800.00
Reproductions, sepias, etc.				<u>100.00</u>
<b>Subtotal</b>				<b>\$2,594.00</b>

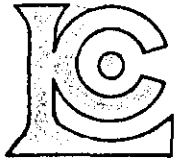
**TOTAL COSTS** **\$11,014.50**

**APPENDIX II**

**GEOCHEMICAL ANALYSES**

**RESULTS OF PROGRAM I**

**ROCK AND SOIL**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
 VANCOUVER, B.C.  
 V6E 3S7

Page Number :1-A  
 Total Pages :2  
 Certificate Date:26-AUG-91  
 Invoice No. :19120065  
 P.O. Number :

Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS A9120065

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
91BENRO-01	205 294	< 5	0.4	1.97	70	60	< 0.5	< 2	1.43	< 0.5	11	82	269	2.75	< 10	1	0.18	< 10	0.26	210
91BENRO-02	205 294	< 5	1.4	0.89	95	120	< 0.5	2	0.49	< 0.5	13	84	415	3.33	< 10	< 1	0.54	10	0.66	140
91BENRO-03	205 294	5	7.8	1.07	65	< 10	< 0.5	6	6.92	< 0.5	30	46	2830	>15.00	30	< 1	< 0.01	10	0.10	1160
91BENRO-04	205 294	< 5	0.2	1.92	300	80	< 0.5	< 2	1.25	< 0.5	12	105	105	3.16	< 10	< 1	0.43	< 10	0.61	245
91BENRO-05	205 294	65	0.6	1.37	7630	50	< 0.5	< 2	0.82	< 0.5	7	90	66	1.61	< 10	< 1	0.38	10	0.55	140
91BENRO-06	205 294	3750	5.2	0.06	>10000	30	< 0.5	64	0.02	0.5	15	108	575	13.10	< 10	< 1	0.01	< 10	< 0.01	5
91BENRO-07	205 294	265	17.8	1.46	1205	50	< 0.5	12	1.12	1.0	17	48	254	2.45	< 10	2	0.18	10	0.40	150
91BENRO-08	205 294	55	3.6	0.56	2930	10	< 0.5	6	0.48	< 0.5	12	78	527	3.65	< 10	< 1	0.09	< 10	0.16	95
91BENRO-09	205 294	< 5	1.0	0.50	385	70	< 0.5	< 2	0.74	< 0.5	10	79	242	2.00	< 10	< 1	0.14	20	0.33	95
91BENRO-10	205 294	60	7.6	1.36	275	40	< 0.5	< 2	1.49	< 0.5	7	110	268	3.92	< 10	1	0.27	10	0.29	335
91BENRO-11	205 294	< 5	0.4	1.34	250	40	< 0.5	< 2	0.60	< 0.5	5	117	124	1.96	< 10	< 1	0.19	< 10	0.38	50
91BENRO-12	205 294	80	7.6	0.54	655	10	< 0.5	< 2	2.00	< 0.5	11	38	496	5.04	< 10	< 1	0.05	10	0.09	455
91BENRO-13	205 294	280	9.6	3.77	2710	50	< 0.5	24	2.79	< 0.5	8	93	171	1.93	10	< 1	0.12	10	0.16	190
91BENRO-50	205 294	< 5	< 0.2	1.60	15	50	< 0.5	< 2	1.00	< 0.5	11	45	19	3.58	< 10	< 1	0.10	< 10	0.75	360
91BENRO-51	205 294	< 5	< 0.2	1.44	< 5	80	< 0.5	< 2	0.19	< 0.5	6	69	489	1.60	< 10	< 1	0.13	< 10	0.40	215
91BENRO-52	205 294	< 5	< 0.2	3.47	< 5	320	< 0.5	< 2	0.50	< 0.5	17	51	8	3.77	< 10	< 1	0.79	< 10	1.85	975
91BENRO-53	205 294	< 5	< 0.2	2.46	< 5	60	< 0.5	< 2	0.05	< 0.5	5	28	35	4.57	< 10	< 1	0.17	< 10	1.71	420
91BENRO-54	205 294	5	3.0	6.11	340	40	< 0.5	< 2	2.82	< 0.5	5	70	61	2.87	10	< 1	1.04	10	1.33	545

CERTIFICATION:

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
 VANCOUVER, B.C.  
 V6E 3S7

Page Number :1-B  
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 Invoice No. :19120065  
 P.O. Number :

Project: B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS

### A9120065

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
91BENRO-01	205 294	61	0.27	5	700	10	< 5	3	76	0.11	< 10	< 10	31	40	32
91BENRO-02	205 294	327	0.06	1	1580	8	< 5	2	33	0.18	< 10	< 10	49	< 10	72
91BENRO-03	205 294	40	0.01	2	50	16	5	1	5	0.02	< 10	< 10	60	100	146
91BENRO-04	205 294	42	0.15	31	580	14	< 5	8	83	0.19	< 10	< 10	142	< 10	88
91BENRO-05	205 294	39	0.17	7	1280	< 2	< 5	2	34	0.10	< 10	< 10	47	< 10	138
91BENRO-06	205 294	5	< 0.01	4	50	10	140	1	2	< 0.01	< 10	< 10	2	< 10	8
91BENRO-07	205 294	67	0.20	8	1160	184	30	3	70	0.20	< 10	< 10	63	< 10	106
91BENRO-08	205 294	26	0.08	6	580	18	5	3	40	0.08	< 10	< 10	26	< 10	40
91BENRO-09	205 294	38	0.06	11	2300	4	< 5	1	34	0.15	< 10	< 10	37	< 10	24
91BENRO-10	205 294	47	0.12	9	890	40	5	5	38	0.12	< 10	< 10	34	90	82
91BENRO-11	205 294	7	0.07	34	240	8	< 5	2	70	0.02	< 10	< 10	32	20	14
91BENRO-12	205 294	41	0.04	6	850	422	100	2	18	0.11	< 10	< 10	46	< 10	18
91BENRO-13	205 294	36	0.13	75	610	74	25	2	184	0.07	< 10	< 10	91	< 10	114
91BENRO-50	205 294	< 1	0.14	2	700	< 2	< 5	4	44	0.18	< 10	< 10	134	< 10	42
91BENRO-51	205 294	< 1	0.05	1	420	< 2	< 5	3	14	0.09	< 10	< 10	91	< 10	30
91BENRO-52	205 294	< 1	0.13	< 1	570	6	< 5	10	60	0.15	< 10	< 10	108	< 10	134
91BENRO-53	205 294	56	0.03	< 1	660	14	< 5	3	28	< 0.01	< 10	< 10	24	< 10	58
91BENRO-54	205 294	40	0.43	1	500	128	< 5	11	151	0.19	< 10	< 10	49	< 10	110

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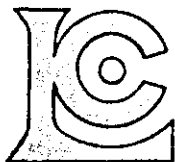
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SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
91BENRO-55	205 294	< 5	< 0.2	1.08	20	100	< 0.5	< 2	0.32	< 0.5	14	60	89	3.42	< 10	1	0.55	< 10	0.54	350
91BENRO-56	205 294	5	< 0.2	3.50	755	40	< 0.5	< 2	1.39	< 0.5	10	74	60	3.11	< 10	< 1	0.69	< 10	0.66	495
91BENRO-57	205 294	< 5	< 0.2	2.73	5	100	< 0.5	< 2	1.60	< 0.5	15	54	75	4.27	< 10	3	1.47	< 10	1.63	560
91BENRO-58	205 294	< 5	0.2	1.13	60	90	< 0.5	< 2	0.58	< 0.5	17	53	251	3.37	< 10	< 1	0.56	< 10	0.84	200
91BENRO-59	205 294	< 5	< 0.2	1.55	5	110	< 0.5	< 2	0.41	< 0.5	15	78	646	3.88	< 10	< 1	0.56	< 10	0.77	145
91BENRO-60	205 294	< 5	< 0.2	3.55	105	210	< 0.5	< 2	1.52	< 0.5	18	41	206	4.13	< 10	< 1	1.32	< 10	1.47	305

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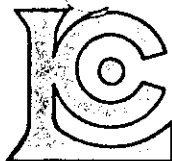
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### A9120065

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
91BENRO-55	205 294	9	0.06	36	640	< 2	< 5	10	12	0.26	< 10	< 10	234	< 10	68
91BENRO-56	205 294	5	0.33	42	550	8	10	13	100	0.14	< 10	< 10	237	< 10	86
91BENRO-57	205 294	9	0.17	23	560	2	< 5	18	65	0.27	< 10	< 10	202	< 10	88
91BENRO-58	205 294	11	0.06	18	1570	12	5	6	20	0.23	< 10	< 10	105	< 10	30
91BENRO-59	205 294	21	0.09	4	410	< 2	< 5	10	30	0.13	< 10	< 10	56	< 10	16
91BENRO-60	205 294	55	0.36	9	1360	10	5	8	86	0.24	< 10	< 10	95	< 10	42

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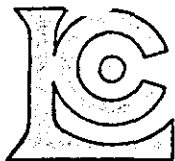
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A9120066

SAMPLE DESCRIPTION	PREP CODE		Au-AA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
91BENSS-01	201	298	< 5	< 0.2	2.00	80	150	< 0.5	< 2	1.14	< 0.5	9	24	43	3.23	< 10	< 1	0.13	10	0.85	755
91BENSS-02	201	298	< 5	< 0.2	2.22	120	200	< 0.5	< 2	1.13	< 0.5	12	24	43	3.76	< 10	< 1	0.15	10	0.95	1225
91BENSS-03	201	298	< 5	< 0.2	2.10	70	170	< 0.5	< 2	1.08	< 0.5	10	24	37	3.63	< 10	< 1	0.12	10	0.89	1100
91BENSS-04	201	298	< 5	< 0.2	1.98	55	160	< 0.5	< 2	0.91	< 0.5	10	21	32	3.42	< 10	< 1	0.11	10	0.88	1030



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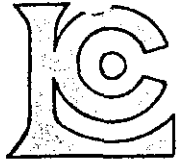
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A9120066

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
91BENS-01	201	298	< 1	0.02	14	810	12	< 5	5	74	0.12	< 10	< 10	77	< 10	130
91BENS-02	201	298	1	0.03	17	820	4	< 5	6	82	0.13	< 10	< 10	89	< 10	116
91BENS-03	201	298	< 1	0.02	13	860	< 2	< 5	5	83	0.12	< 10	< 10	80	< 10	80
91BENS-04	201	298	1	0.02	15	730	2	< 5	5	69	0.11	< 10	< 10	79	10	70



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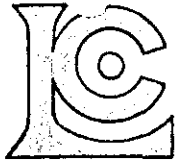
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## CERTIFICATE OF ANALYSIS A9120067

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L3700N 4200E	201 298	< 5	< 0.2	2.57	70	120	< 0.5	< 2	0.23	< 0.5	11	20	23	3.79	< 10	< 1	0.07	< 10	0.84	300
L3700N 4250E	201 298	< 5	< 0.2	3.09	210	80	< 0.5	< 2	0.27	< 0.5	16	29	53	4.30	< 10	< 1	0.04	< 10	0.94	330
L3700N 4300E	201 298	< 5	0.2	2.66	80	170	< 0.5	< 2	0.87	0.5	11	20	45	3.38	< 10	< 1	0.07	10	0.58	1390
L3700N 4350E	201 298	5	< 0.2	2.40	65	110	< 0.5	< 2	1.20	< 0.5	11	21	71	3.55	< 10	< 1	0.23	10	1.00	455
L3700N 4400E	201 298	< 5	< 0.2	3.40	410	110	< 0.5	< 2	1.44	< 0.5	11	16	54	3.76	< 10	< 1	0.14	10	0.92	930
L3700N 4450E	201 298	< 5	< 0.2	3.45	110	80	< 0.5	< 2	0.57	< 0.5	15	24	57	4.18	< 10	< 1	0.06	< 10	0.93	275
L3700N 4500E	201 298	< 5	< 0.2	2.21	35	80	< 0.5	< 2	0.40	< 0.5	9	18	22	3.20	< 10	< 1	0.05	< 10	0.88	300
L3700N 4550E	201 298	< 5	< 0.2	2.00	35	80	< 0.5	< 2	0.55	< 0.5	8	18	75	2.83	< 10	1	0.06	10	0.73	410
L3700N 4600E	201 298	< 5	< 0.2	2.27	85	80	< 0.5	2	0.13	< 0.5	5	16	26	4.00	< 10	< 1	0.08	< 10	0.59	170
L3700N 4650E	201 298	< 5	< 0.2	1.96	35	70	< 0.5	< 2	0.19	0.5	8	16	32	3.21	< 10	< 1	0.05	< 10	0.58	210
L3700N 4700E	201 298	< 5	< 0.2	1.60	155	150	< 0.5	< 2	1.61	0.5	13	17	45	3.68	< 10	< 1	0.08	10	0.63	1475
L3700N 4750E	201 298	< 5	0.2	1.76	80	120	< 0.5	< 2	1.36	< 0.5	9	17	38	2.65	< 10	< 1	0.10	10	0.67	795
L3700N 4800E	201 298	< 5	0.8	2.39	100	160	< 0.5	< 2	0.99	0.5	11	16	61	2.97	< 10	< 1	0.11	10	0.66	540
L3700N 4850E	201 298	< 5	< 0.2	1.97	45	90	< 0.5	< 2	0.30	< 0.5	8	17	26	2.58	< 10	< 1	0.05	< 10	0.71	240
L3700N 4900E	201 298	< 5	0.2	2.52	100	120	< 0.5	< 2	0.23	< 0.5	13	19	37	3.62	< 10	< 1	0.06	< 10	0.65	355
L3700N 4950E	201 298	< 5	< 0.2	2.26	180	120	< 0.5	< 2	0.24	< 0.5	9	19	47	3.70	< 10	< 1	0.06	< 10	0.68	230
L3700N 5000E	201 298	< 5	< 0.2	2.18	65	140	< 0.5	< 2	0.30	< 0.5	12	21	36	3.07	< 10	< 1	0.11	< 10	0.81	370
L3700N 5050E	201 298	< 5	< 0.2	2.22	45	70	< 0.5	< 2	0.14	< 0.5	11	16	35	3.16	< 10	< 1	0.06	< 10	0.53	180
L3700N 5100E	201 298	5	< 0.2	2.53	135	60	< 0.5	< 2	0.19	< 0.5	11	13	49	3.45	< 10	3	0.06	< 10	0.42	205
L3700N 5150E	201 298	15	< 0.2	3.73	155	70	< 0.5	< 2	0.11	< 0.5	7	12	29	3.79	< 10	< 1	0.09	< 10	0.37	220
L3700N 5200E	201 298	< 5	< 0.2	3.03	100	80	< 0.5	< 2	0.40	< 0.5	15	14	69	3.80	< 10	< 1	0.06	10	0.59	330
L3700N 5250E	201 298	< 5	< 0.2	1.59	160	80	< 0.5	< 2	0.15	< 0.5	4	11	11	2.80	< 10	< 1	0.11	< 10	0.30	100
L3750N 4600E	201 298	< 5	0.4	2.26	120	90	< 0.5	< 2	0.43	< 0.5	11	16	45	3.48	< 10	< 1	0.06	< 10	0.77	285
L3800N 4200E	201 298	< 5	< 0.2	2.79	115	100	< 0.5	< 2	0.21	0.5	11	20	26	3.94	< 10	< 1	0.07	< 10	0.84	385
L3800N 4250E	201 298	< 5	0.2	2.38	205	100	< 0.5	< 2	0.72	< 0.5	12	18	30	3.30	< 10	< 1	0.06	10	0.69	540
L3800N 4300E	201 298	< 5	< 0.2	0.85	10	40	< 0.5	< 2	0.72	1.0	4	12	15	2.21	< 10	< 1	0.04	< 10	0.15	90
L3800N 4350E	201 298	< 5	< 0.2	2.67	165	40	< 0.5	< 2	0.19	0.5	10	12	47	3.46	< 10	< 1	0.02	< 10	0.88	170
L3800N 4400E	201 298	< 5	0.8	1.81	145	70	< 0.5	< 2	0.99	1.5	7	13	52	2.36	< 10	< 1	0.07	< 10	0.72	245
L3800N 4450E	201 298	< 5	< 0.2	4.30	25	40	< 0.5	< 2	0.13	< 0.5	11	13	41	4.38	< 10	< 1	0.02	< 10	0.34	260
L3800N 4500E	201 298	< 5	0.4	2.98	185	60	< 0.5	< 2	0.24	< 0.5	12	16	77	4.57	< 10	< 1	0.05	< 10	0.56	320
L3800N 4550E	201 298	< 5	0.4	2.51	150	100	< 0.5	< 2	0.19	< 0.5	6	16	81	4.35	< 10	< 1	0.06	< 10	0.42	170
L3800N 4600E	201 298	< 5	0.8	3.10	510	140	< 0.5	< 2	0.66	1.0	17	23	110	4.21	< 10	< 1	0.07	10	0.65	1320
L3800N 4650E	201 298	< 5	0.8	3.25	510	120	< 0.5	< 2	0.42	0.5	20	31	249	4.72	< 10	< 1	0.08	< 10	0.87	1600
L3800N 4700E	201 298	< 5	< 0.2	2.63	75	150	< 0.5	< 2	0.43	< 0.5	15	24	51	3.54	< 10	< 1	0.04	< 10	0.85	655
L3800N 4750E	201 298	< 5	0.8	2.60	185	100	< 0.5	2	1.01	< 0.5	11	25	64	3.38	< 10	< 1	0.07	10	0.85	250
L3800N 4800E	201 298	< 5	0.4	0.77	30	50	< 0.5	< 2	0.68	0.5	2	7	27	1.13	< 10	1	0.04	< 10	0.27	240
L3800N 4850E	201 298	< 5	1.8	0.89	65	70	< 0.5	< 2	0.70	1.0	2	5	50	1.13	< 10	< 1	0.06	< 10	0.21	320
L3800N 4900E	201 298	< 5	0.4	2.88	160	140	< 0.5	< 2	0.48	< 0.5	17	32	55	3.48	< 10	< 1	0.08	< 10	1.02	570
L3800N 4950E	201 298	5	0.2	2.02	140	110	< 0.5	< 2	0.32	< 0.5	11	19	37	3.31	< 10	1	0.05	< 10	0.52	495
L3800N 5000E	201 298	< 5	< 0.2	1.81	45	130	< 0.5	< 2	0.66	< 0.5	7	22	30	2.96	< 10	< 1	0.10	10	0.83	505

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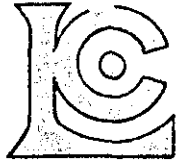
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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L3700N 4200E	201 298	2	< 0.01	7	200	10	< 5	6	24	0.19	< 10	< 10	120	< 10	126
L3700N 4250E	201 298	< 1	0.01	28	260	18	< 5	7	20	0.21	< 10	< 10	135	< 10	226
L3700N 4300E	201 298	1	0.01	20	390	12	< 5	6	45	0.13	< 10	< 10	96	< 10	150
L3700N 4350E	201 298	< 1	0.04	16	700	18	< 5	9	64	0.17	< 10	< 10	101	< 10	222
L3700N 4400E	201 298	2	0.12	26	660	36	< 5	6	84	0.10	< 10	< 10	96	10	136
L3700N 4450E	201 298	1	0.01	14	320	16	< 5	7	32	0.19	< 10	< 10	130	< 10	192
L3700N 4500E	201 298	2	0.01	8	230	4	< 5	5	33	0.18	< 10	< 10	101	< 10	130
L3700N 4550E	201 298	11	0.01	9	140	10	< 5	5	43	0.16	< 10	< 10	77	< 10	86
L3700N 4600E	201 298	3	0.01	3	590	16	< 5	8	17	0.19	< 10	< 10	97	< 10	96
L3700N 4650E	201 298	17	< 0.01	6	470	38	< 5	4	19	0.17	< 10	< 10	96	< 10	138
L3700N 4700E	201 298	9	0.02	11	860	14	5	4	72	0.07	< 10	< 10	87	< 10	54
L3700N 4750E	201 298	2	0.02	11	570	10	5	5	62	0.10	< 10	< 10	68	< 10	72
L3700N 4800E	201 298	4	0.01	10	510	30	< 5	5	62	0.10	< 10	< 10	79	< 10	120
L3700N 4850E	201 298	3	0.01	7	240	18	< 5	5	29	0.17	< 10	< 10	79	< 10	84
L3700N 4900E	201 298	4	0.01	10	540	18	< 5	4	24	0.14	< 10	< 10	91	< 10	140
L3700N 4950E	201 298	6	0.01	10	1150	28	< 5	5	24	0.14	< 10	< 10	98	< 10	146
L3700N 5000E	201 298	2	0.01	9	650	12	< 5	6	24	0.15	< 10	< 10	94	< 10	76
L3700N 5050E	201 298	1	0.01	9	400	6	< 5	3	18	0.12	< 10	< 10	85	< 10	62
L3700N 5100E	201 298	< 1	0.01	6	460	24	< 5	3	23	0.13	< 10	< 10	88	< 10	118
L3700N 5150E	201 298	2	0.01	5	1320	30	< 5	4	15	0.16	< 10	< 10	100	< 10	240
L3700N 5200E	201 298	< 1	0.01	8	580	26	< 5	6	34	0.21	< 10	< 10	102	< 10	78
L3700N 5250E	201 298	< 1	0.01	3	960	46	5	4	13	0.25	< 10	< 10	107	< 10	42
L3750N 4600E	201 298	5	0.01	11	440	20	< 5	6	32	0.18	< 10	< 10	104	< 10	152
L3800N 4200E	201 298	2	0.01	12	260	14	< 5	6	19	0.17	< 10	< 10	113	< 10	176
L3800N 4250E	201 298	< 1	0.01	17	220	16	< 5	5	41	0.15	< 10	< 10	96	< 10	164
L3800N 4300E	201 298	2	0.01	2	160	10	< 5	2	38	0.12	< 10	< 10	76	< 10	56
L3800N 4350E	201 298	5	0.01	12	140	10	< 5	7	16	0.19	< 10	< 10	118	< 10	190
L3800N 4400E	201 298	2	0.02	8	260	12	< 5	4	42	0.13	< 10	< 10	66	< 10	388
L3800N 4450E	201 298	5	< 0.01	27	780	10	< 5	5	11	0.12	< 10	< 10	82	< 10	158
L3800N 4500E	201 298	8	0.01	16	690	26	< 5	5	20	0.22	< 10	< 10	120	< 10	134
L3800N 4550E	201 298	12	0.01	12	440	28	< 5	4	21	0.14	< 10	< 10	84	< 10	116
L3800N 4600E	201 298	8	0.01	19	490	74	5	6	47	0.14	< 10	< 10	96	< 10	296
L3800N 4650E	201 298	10	0.01	26	720	44	< 5	6	32	0.16	< 10	< 10	99	< 10	308
L3800N 4700E	201 298	2	0.01	12	450	10	< 5	6	36	0.14	< 10	< 10	90	< 10	96
L3800N 4750E	201 298	5	0.02	11	410	32	< 5	6	46	0.21	< 10	< 10	93	< 10	182
L3800N 4800E	201 298	< 1	0.01	5	340	12	< 5	2	29	0.04	< 10	< 10	28	< 10	40
L3800N 4850E	201 298	3	< 0.01	4	370	18	< 5	2	30	0.02	< 10	< 10	30	< 10	42
L3800N 4900E	201 298	9	0.02	15	310	22	< 5	6	41	0.16	< 10	< 10	102	< 10	186
L3800N 4950E	201 298	7	0.01	9	420	36	< 5	4	28	0.16	< 10	< 10	93	< 10	148
L3800N 5000E	201 298	< 1	0.02	12	710	8	< 5	5	56	0.13	< 10	< 10	81	< 10	64

CERTIFICATION: \_\_\_\_\_

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
 VANCOUVER, B.C.  
 V6E 3S7

Project: B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

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 Certificate Date: 26-AUG-91  
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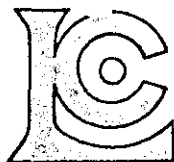
## CERTIFICATE OF ANALYSIS

### A9120067

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L3800N 5050E	201 298	< 5	0.8	2.91	330	120	< 0.5	< 2	0.16	< 0.5	11	60	30	4.86	< 10	< 1	0.10	< 10	1.17	230
L3800N 5100E	201 298	< 5	0.6	2.84	630	100	< 0.5	< 2	0.14	< 0.5	10	9	53	4.97	< 10	< 1	0.20	< 10	0.39	255
L3800N 5150E	201 298	5	1.6	2.77	485	110	< 0.5	2	0.35	12.0	12	19	40	3.88	< 10	< 1	0.11	< 10	0.59	410
L3800N 5200E	201 298	< 5	1.0	3.08	855	120	< 0.5	< 2	0.22	0.5	11	23	56	4.10	< 10	< 1	0.05	< 10	0.74	215
L3800N 5250E	201 298	< 5	3.2	3.22	540	60	< 0.5	< 2	0.93	< 0.5	24	19	103	4.38	< 10	< 1	0.04	10	0.49	495
L3900N 4200E	201 298	< 5	< 0.2	0.93	40	40	< 0.5	< 2	0.20	< 0.5	3	8	10	1.65	< 10	2	0.02	< 10	0.35	135
L3900N 4250E	201 298	< 5	< 0.2	2.46	65	100	< 0.5	< 2	0.48	< 0.5	12	20	19	3.79	< 10	1	0.04	< 10	0.54	185
L3900N 4300E	201 298	< 5	< 0.2	1.75	25	60	< 0.5	< 2	0.17	< 0.5	6	14	12	3.23	< 10	< 1	0.03	< 10	0.36	195
L3900N 4350E	201 298	< 5	< 0.2	2.53	25	30	< 0.5	< 2	0.18	< 0.5	10	16	52	4.71	< 10	< 1	0.02	< 10	0.46	220
L3900N 4400E	201 298	< 5	< 0.2	2.93	130	90	< 0.5	< 2	0.38	< 0.5	16	20	122	3.50	< 10	< 1	0.05	10	0.61	1375
L3900N 4450E	201 298	270	1.0	1.47	2770	30	< 0.5	2	0.10	< 0.5	7	10	37	2.92	< 10	< 1	0.01	< 10	0.21	205
L3900N 4500E	201 298	20	1.2	3.00	410	120	< 0.5	< 2	0.35	< 0.5	19	23	72	4.25	< 10	< 1	0.04	< 10	0.69	320
L3900N 4600E	201 298	5	1.0	3.24	285	150	< 0.5	< 2	0.16	< 0.5	11	27	46	3.84	< 10	< 1	0.04	< 10	0.66	200
L3900N 4650E	201 298	< 5	0.6	0.75	75	80	< 0.5	2	0.21	< 0.5	1	5	34	2.94	< 10	< 1	0.05	< 10	0.10	105
L3900N 4700E	201 298	5	3.0	2.51	230	100	< 0.5	< 2	0.34	1.0	13	22	112	3.72	< 10	< 1	0.07	< 10	0.94	305
L3900N 4750E	201 298	< 5	< 0.2	4.57	70	220	< 0.5	< 2	0.12	< 0.5	11	55	44	6.23	< 10	< 1	0.24	< 10	1.06	180
L3900N 4800E	201 298	< 5	< 0.2	3.06	150	90	< 0.5	< 2	0.10	< 0.5	7	75	47	3.88	< 10	< 1	0.05	< 10	0.60	140
L3900N 4850E	201 298	5	0.4	2.46	225	130	< 0.5	< 2	0.23	< 0.5	10	20	50	3.50	< 10	2	0.07	< 10	0.72	235
L3900N 4900E	201 298	< 5	0.4	1.80	195	80	< 0.5	< 2	0.16	< 0.5	7	14	28	3.28	< 10	< 1	0.06	< 10	0.43	255
L3900N 4950E	201 298	< 5	0.4	1.64	260	180	< 0.5	< 2	0.35	< 0.5	10	10	55	2.16	< 10	< 1	0.08	< 10	0.45	1305
L3900N 5000E	201 298	< 5	0.4	2.13	210	130	< 0.5	< 2	0.24	< 0.5	12	20	50	3.43	< 10	< 1	0.05	< 10	0.72	500
L3900N 5050E	201 298	< 5	0.4	1.71	200	150	< 0.5	< 2	0.28	< 0.5	10	22	32	2.68	< 10	< 1	0.06	< 10	0.59	325
L3900N 5100E	201 298	< 5	0.6	2.43	295	110	< 0.5	< 2	0.15	< 0.5	11	34	56	4.25	< 10	< 1	0.06	< 10	0.77	220
L3900N 5150E	201 298	< 5	< 0.2	0.77	105	60	< 0.5	< 2	0.17	< 0.5	3	23	13	1.93	< 10	< 1	0.06	< 10	0.30	90
L3900N 5200E	201 298	< 5	1.2	1.90	195	110	< 0.5	< 2	0.43	< 0.5	15	21	42	3.26	< 10	< 1	0.05	< 10	0.50	260
L4000N 4200E	201 298	< 5	< 0.2	2.41	80	100	< 0.5	< 2	0.22	< 0.5	13	26	23	3.67	< 10	< 1	0.07	< 10	0.84	285
L4000N 4250E	201 298	25	< 0.2	2.78	130	190	< 0.5	< 2	0.29	< 0.5	17	110	18	4.56	< 10	< 1	0.27	< 10	1.65	215
L4000N 4300E	201 298	< 5	< 0.2	2.33	55	140	< 0.5	< 2	0.37	< 0.5	12	22	17	3.47	< 10	< 1	0.06	< 10	0.76	285
L4000N 4350E	201 298	< 5	< 0.2	2.32	100	80	< 0.5	< 2	0.28	< 0.5	10	21	19	4.04	< 10	< 1	0.06	< 10	0.69	270
L4000N 4400E	201 298	< 5	< 0.2	0.80	20	30	< 0.5	< 2	0.11	< 0.5	3	10	8	2.43	< 10	2	0.03	< 10	0.23	125
L4000N 4450E	201 298	< 5	0.6	2.21	360	40	< 0.5	< 2	0.20	< 0.5	10	18	57	3.47	< 10	< 1	0.03	< 10	0.63	245
L4000N 4500E	201 298	< 5	1.2	2.33	415	80	< 0.5	< 2	0.20	< 0.5	15	19	77	3.99	< 10	< 1	0.04	< 10	0.56	300
L4000N 4550E	201 298	10	0.8	3.58	1375	150	< 0.5	< 2	0.42	9.0	19	25	357	4.20	< 10	< 1	0.06	20	0.72	700
L4000N 4600E	201 298	< 5	1.2	2.84	205	100	< 0.5	< 2	0.36	1.0	11	22	95	3.95	< 10	< 1	0.06	< 10	0.81	285
L4000N 4650E	201 298	< 5	1.2	1.61	350	80	< 0.5	16	0.12	< 0.5	2	9	74	3.75	< 10	< 1	0.06	10	0.17	75
L4000N 4700E	201 298	< 5	0.4	1.70	115	20	< 0.5	2	0.33	< 0.5	7	21	73	3.52	< 10	< 1	0.03	< 10	0.33	115
L4000N 4750E	201 298	< 5	0.6	3.66	390	110	< 0.5	< 2	0.61	1.0	21	49	196	4.61	< 10	< 1	0.09	10	0.81	915
L4000N 4800E	201 298	5	0.6	3.35	545	110	< 0.5	2	0.16	< 0.5	8	29	67	4.02	< 10	< 1	0.04	< 10	0.44	155
L4000N 4850E	201 298	< 5	0.2	3.54	545	110	< 0.5	< 2	0.11	< 0.5	7	32	82	4.29	< 10	1	0.03	10	0.46	165
L4000N 4900E	201 298	< 5	< 0.2	1.81	170	90	< 0.5	< 2	0.21	< 0.5	11	17	22	3.11	< 10	< 1	0.05	< 10	0.50	310

CERTIFICATION: \_\_\_\_\_

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
 VANCOUVER, B.C.  
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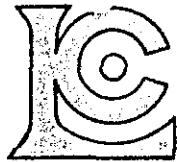
Project: B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS

### A9120067

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L3800N 5050E	201 298	11	0.01	20	590	62	< 5	8	19	0.35	< 10	< 10	156	< 10	940
L3800N 5100E	201 298	3	0.01	6	1610	40	< 5	5	11	0.24	< 10	< 10	103	< 10	628
L3800N 5150E	201 298	12	0.01	13	930	188	< 5	5	42	0.17	< 10	< 10	104	< 10	610
L3800N 5200E	201 298	8	0.01	15	510	86	< 5	6	23	0.17	< 10	< 10	105	< 10	338
L3800N 5250E	201 298	9	0.01	16	710	50	10	6	49	0.15	< 10	< 10	101	< 10	268
L3900N 4200E	201 298	2	0.01	3	130	12	< 5	3	12	0.09	< 10	< 10	55	< 10	80
L3900N 4250E	201 298	2	0.01	11	340	12	< 5	5	32	0.17	< 10	< 10	113	< 10	76
L3900N 4300E	201 298	2	0.01	4	250	16	< 5	3	14	0.17	< 10	< 10	106	< 10	96
L3900N 4350E	201 298	4	0.01	14	670	24	< 5	6	9	0.30	< 10	< 10	171	< 10	122
L3900N 4400E	201 298	8	0.01	31	220	24	< 5	5	24	0.18	< 10	< 10	82	< 10	298
L3900N 4450E	201 298	24	< 0.01	11	740	166	15	2	7	0.04	< 10	< 10	41	< 10	416
L3900N 4500E	201 298	9	0.01	32	540	68	< 5	5	23	0.14	< 10	< 10	94	< 10	264
L3900N 4600E	201 298	15	0.01	16	290	42	5	6	15	0.15	< 10	< 10	95	< 10	278
L3900N 4650E	201 298	31	0.01	1	560	32	< 5	2	12	0.18	< 10	< 10	71	< 10	70
L3900N 4700E	201 298	9	0.01	20	270	30	< 5	8	22	0.19	< 10	< 10	103	< 10	692
L3900N 4750E	201 298	3	0.01	20	2710	18	< 5	9	16	0.30	< 10	< 10	177	< 10	330
L3900N 4800E	201 298	8	< 0.01	25	1150	26	< 5	5	11	0.19	< 10	< 10	101	< 10	118
L3900N 4850E	201 298	6	0.01	12	430	38	< 5	6	18	0.15	< 10	< 10	91	< 10	98
L3900N 4900E	201 298	8	0.01	5	800	26	< 5	4	12	0.14	< 10	< 10	82	< 10	170
L3900N 4950E	201 298	21	< 0.01	10	320	20	< 5	3	27	0.02	< 10	< 10	44	< 10	142
L3900N 5000E	201 298	13	0.01	11	360	44	< 5	5	20	0.16	< 10	< 10	90	< 10	180
L3900N 5050E	201 298	6	0.01	19	420	26	< 5	5	22	0.17	< 10	< 10	82	< 10	166
L3900N 5100E	201 298	19	0.01	24	420	30	< 5	6	15	0.21	< 10	< 10	119	< 10	204
L3900N 5150E	201 298	11	0.01	5	170	26	< 5	3	15	0.20	< 10	< 10	74	< 10	70
L3900N 5200E	201 298	8	0.01	12	310	42	< 5	4	32	0.18	< 10	< 10	98	< 10	194
L4000N 4200E	201 298	1	0.01	12	110	14	< 5	5	22	0.21	< 10	< 10	100	< 10	76
L4000N 4250E	201 298	2	0.01	40	430	22	< 5	5	18	0.42	< 10	< 10	129	< 10	100
L4000N 4300E	201 298	1	0.01	15	290	8	< 5	5	27	0.19	< 10	< 10	105	< 10	78
L4000N 4350E	201 298	3	0.01	15	370	12	< 5	6	24	0.22	< 10	< 10	123	< 10	136
L4000N 4400E	201 298	4	< 0.01	4	210	18	< 5	2	9	0.19	< 10	< 10	93	< 10	44
L4000N 4450E	201 298	21	0.01	13	390	36	< 5	5	13	0.16	< 10	< 10	89	< 10	244
L4000N 4500E	201 298	26	0.01	9	540	42	< 5	4	17	0.15	< 10	< 10	94	< 10	326
L4000N 4550E	201 298	16	0.01	32	520	46	< 5	8	35	0.13	< 10	< 10	74	< 10	1200
L4000N 4600E	201 298	22	0.01	11	320	24	5	6	26	0.19	< 10	< 10	100	< 10	820
L4000N 4650E	201 298	63	0.01	1	620	38	< 5	3	78	0.07	< 10	< 10	43	< 10	112
L4000N 4700E	201 298	80	0.01	8	320	16	< 5	4	18	0.20	< 10	< 10	63	< 10	80
L4000N 4750E	201 298	13	0.01	61	480	30	< 5	7	39	0.20	< 10	< 10	93	< 10	292
L4000N 4800E	201 298	16	0.01	16	1130	34	< 5	5	21	0.15	< 10	< 10	89	< 10	136
L4000N 4850E	201 298	32	0.01	17	690	38	< 5	5	16	0.14	< 10	< 10	82	< 10	92
L4000N 4900E	201 298	6	0.01	9	510	22	< 5	4	17	0.15	< 10	< 10	89	< 10	100

CERTIFICATION: B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

to: BHP-UTAH LIMITED

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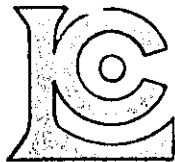
## CERTIFICATE OF ANALYSIS A9120067

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L4000N 4950E	201 298	< 5	0.2	2.00	195	90	< 0.5	< 2	0.22	< 0.5	11	19	28	3.31	< 10	< 1	0.05	< 10	0.59	240
L4000N 5000E	201 298	< 5	0.8	1.95	180	110	< 0.5	< 2	0.21	< 0.5	9	21	31	2.95	< 10	< 1	0.05	< 10	0.55	265
L4000N 5050E	201 298	< 5	0.6	1.75	280	110	< 0.5	< 2	0.43	< 0.5	9	21	53	2.86	< 10	3	0.09	< 10	0.64	315
L4000N 5100E	201 298	15	0.8	1.87	340	130	< 0.5	2	0.67	< 0.5	11	32	62	2.76	< 10	< 1	0.18	< 10	0.99	270
L4000N 5150E	201 298	< 5	0.6	2.53	420	110	< 0.5	< 2	0.13	< 0.5	8	31	35	4.61	< 10	< 1	0.05	< 10	0.52	160
L4000N 5200E	201 298	< 5	0.2	2.40	145	130	< 0.5	< 2	0.16	< 0.5	9	38	26	4.62	< 10	< 1	0.11	< 10	0.89	240
L4000N 5250E	201 298	< 5	0.4	1.34	90	60	< 0.5	< 2	0.13	< 0.5	4	18	13	2.75	< 10	< 1	0.06	< 10	0.23	110
L4000N 5300E	201 298	< 5	0.4	3.09	370	160	< 0.5	2	0.38	< 0.5	18	28	105	3.88	< 10	< 1	0.10	10	0.87	900
L4000N 5400E	201 298	< 5	0.2	2.40	100	140	< 0.5	< 2	0.22	< 0.5	11	22	18	4.01	< 10	< 1	0.07	< 10	0.63	235
L4000N 5450E	201 298	< 5	0.4	1.72	105	100	< 0.5	< 2	0.37	< 0.5	12	22	26	3.21	< 10	< 1	0.06	< 10	0.57	265
L4000N 5500E	201 298	< 5	0.2	1.61	70	110	< 0.5	< 2	0.48	< 0.5	7	20	27	2.87	< 10	< 1	0.04	< 10	0.56	380
L4050N 4600E	201 298	85	1.8	0.70	935	130	< 0.5	20	0.10	< 0.5	1	8	77	3.04	< 10	< 1	0.07	10	0.27	60
L4100N 4200E	201 298	< 5	< 0.2	2.72	130	150	< 0.5	< 2	0.41	< 0.5	17	20	24	3.91	< 10	< 1	0.05	< 10	0.71	620
L4100N 4250E	201 298	< 5	< 0.2	4.68	35	120	< 0.5	< 2	0.50	< 0.5	25	31	82	6.37	< 10	< 1	0.13	< 10	1.77	470
L4100N 4300E	201 298	< 5	< 0.2	2.94	140	280	< 0.5	< 2	0.68	< 0.5	16	12	50	5.23	< 10	< 1	0.60	< 10	1.76	765
L4100N 4350E	201 298	< 5	0.6	3.31	190	40	< 0.5	< 2	0.70	< 0.5	13	13	128	3.81	< 10	1	0.03	< 10	0.90	495
L4100N 4400E	201 298	15	0.2	3.84	430	180	< 0.5	< 2	0.23	< 0.5	16	17	244	5.86	< 10	< 1	0.17	< 10	1.39	310
L4100N 4450E	201 298	65	1.0	1.91	250	20	< 0.5	44	0.31	< 0.5	6	9	252	7.69	< 10	< 1	0.01	< 10	0.20	125
L4100N 4500E	201 298	5	2.6	3.37	325	70	< 0.5	< 2	0.25	< 0.5	11	22	128	4.13	< 10	< 1	0.04	< 10	0.89	215
L4100N 4550E	201 298	< 5	0.6	0.21	125	30	< 0.5	< 2	0.05	1.0	2	4	28	1.57	< 10	< 1	0.02	< 10	0.02	25
L4100N 4600E	201 298	5	1.6	3.13	625	80	< 0.5	< 2	0.13	< 0.5	6	27	240	4.36	< 10	< 1	0.05	10	0.63	165
L4100N 4650E	201 298	10	1.2	2.29	2050	210	< 0.5	2	0.08	< 0.5	3	18	214	8.66	< 10	< 1	0.10	10	0.35	100
L4100N 4700E	201 298	< 5	0.8	2.41	365	40	< 0.5	< 2	0.55	< 0.5	4	6	309	12.40	10	< 1	0.02	10	0.06	250
L4100N 4750E	201 298	15	1.4	1.61	2210	120	< 0.5	< 2	0.77	< 0.5	11	20	140	7.05	< 10	< 1	0.08	10	0.37	165
L4100N 4800E	201 298	< 5	0.6	2.24	385	160	< 0.5	4	0.29	< 0.5	11	72	37	3.47	< 10	< 1	0.23	< 10	1.19	205
L4100N 4850E	201 298	< 5	0.6	2.37	550	80	< 0.5	6	0.17	< 0.5	20	26	94	3.17	< 10	< 1	0.04	< 10	0.56	215
L4100N 4900E	201 298	< 5	0.8	2.04	215	100	< 0.5	< 2	0.22	< 0.5	9	19	38	3.30	< 10	< 1	0.06	< 10	0.59	215
L4100N 4950E	201 298	< 5	< 0.2	1.86	295	90	< 0.5	< 2	0.15	< 0.5	7	19	25	3.64	< 10	< 1	0.05	< 10	0.66	220
L4100N 5000E	201 298	< 5	< 0.2	1.35	100	70	< 0.5	< 2	0.17	< 0.5	7	14	16	2.55	< 10	< 1	0.03	< 10	0.34	470
L4100N 5050E	201 298	< 5	< 0.2	1.90	120	100	< 0.5	< 2	0.20	< 0.5	10	17	19	3.24	< 10	< 1	0.04	< 10	0.46	245
L4100N 5100E	201 298	< 5	< 0.2	1.85	210	130	< 0.5	4	0.23	< 0.5	10	19	29	3.31	< 10	< 1	0.08	< 10	0.69	250
L4100N 5150E	201 298	< 5	0.4	2.47	345	100	< 0.5	< 2	0.15	< 0.5	13	28	70	4.05	< 10	< 1	0.07	< 10	0.70	335
L4100N 5200E	201 298	< 5	0.4	1.85	340	110	< 0.5	< 2	0.16	< 0.5	10	33	46	4.26	< 10	< 1	0.08	< 10	0.67	195
L4100N 4600E	201 298	< 5	< 0.2	3.37	260	130	< 0.5	< 2	0.19	< 0.5	13	22	68	4.03	< 10	< 1	0.03	< 10	0.63	225
L4200N 4250E	201 298	< 5	< 0.2	3.00	90	180	< 0.5	< 2	0.61	< 0.5	14	31	37	4.14	< 10	< 1	0.07	< 10	0.93	305
L4200N 4300E	201 298	< 5	< 0.2	2.12	45	140	< 0.5	< 2	0.30	< 0.5	10	19	21	2.66	< 10	< 1	0.08	< 10	0.70	235
L4200N 4350E	201 298	< 5	< 0.2	1.87	30	110	< 0.5	< 2	0.49	< 0.5	10	20	37	3.09	< 10	< 1	0.09	< 10	0.81	340
L4200N 4400E	201 298	< 5	< 0.2	2.80	30	100	< 0.5	< 2	0.22	< 0.5	11	20	20	3.93	< 10	< 1	0.04	< 10	0.60	275
L4200N 4450E	201 298	< 5	< 0.2	1.06	145	60	< 0.5	< 2	0.13	< 0.5	5	16	49	5.44	< 10	< 1	0.02	< 10	0.21	150
L4200N 4500E	201 298	< 5	< 0.2	1.30	70	60	< 0.5	< 2	0.18	< 0.5	7	18	11	3.54	< 10	< 1	0.07	< 10	0.51	225

CERTIFICATION: \_\_\_\_\_

*B. C. C. J.*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

to: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
 VANCOUVER, B.C.  
 V6E 3S7

Page Number :3-B  
 Total Pages :4  
 Certificate Date: 26-AUG-91  
 Invoice No. :I9120067  
 P.O. Number :

Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

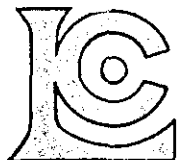
## CERTIFICATE OF ANALYSIS

### A9120067

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L4000N 4950E	201 298	5	< 0.01	16	790	22	< 5	4	20	0.13	< 10	< 10	84	< 10	140
L4000N 5000E	201 298	7	0.01	10	780	18	< 5	4	19	0.12	< 10	< 10	70	< 10	124
L4000N 5050E	201 298	20	0.01	10	230	30	< 5	4	34	0.13	< 10	< 10	75	< 10	120
L4000N 5100E	201 298	16	0.03	14	270	22	< 5	7	47	0.21	< 10	< 10	84	< 10	140
L4000N 5150E	201 298	16	0.01	10	1240	20	< 5	5	14	0.18	< 10	< 10	123	< 10	116
L4000N 5200E	201 298	9	0.01	10	1270	24	< 5	7	15	0.34	< 10	< 10	157	< 10	116
L4000N 5250E	201 298	5	< 0.01	3	650	12	< 5	3	11	0.16	< 10	< 10	83	< 10	50
L4000N 5300E	201 298	18	0.01	23	320	26	< 5	6	40	0.16	< 10	< 10	95	< 10	156
L4000N 5400E	201 298	5	0.01	10	1730	10	< 5	5	20	0.19	< 10	< 10	116	< 10	186
L4000N 5450E	201 298	3	0.01	11	460	16	< 5	4	31	0.17	< 10	< 10	90	< 10	82
L4000N 5500E	201 298	1	0.01	11	240	18	< 5	4	39	0.15	< 10	< 10	87	< 10	76
L4050N 4600E	201 298	42	0.01	1	400	32	< 5	1	27	0.15	< 10	< 10	54	40	102
L4100N 4200E	201 298	2	0.01	20	320	16	< 5	6	32	0.18	< 10	< 10	97	< 10	170
L4100N 4250E	201 298	5	0.03	35	270	6	< 5	19	29	0.41	< 10	< 10	250	< 10	140
L4100N 4300E	201 298	2	0.04	14	580	4	< 5	22	57	0.38	< 10	< 10	159	< 10	114
L4100N 4350E	201 298	9	0.03	36	340	10	< 5	9	34	0.21	< 10	< 10	107	< 10	200
L4100N 4400E	201 298	26	0.01	15	620	24	< 5	12	32	0.27	< 10	< 10	126	< 10	206
L4100N 4450E	201 298	353	0.01	7	470	104	< 5	4	10	0.13	< 10	< 10	60	570	164
L4100N 4500E	201 298	43	0.01	16	380	22	< 5	8	15	0.23	< 10	< 10	102	< 10	540
L4100N 4550E	201 298	13	< 0.01	< 1	150	12	< 5	< 1	7	0.11	< 10	< 10	26	< 10	82
L4100N 4600E	201 298	42	0.01	10	1360	22	< 5	5	12	0.22	< 10	< 10	99	< 10	134
L4100N 4650E	201 298	99	0.01	1	3560	28	< 5	2	33	0.19	< 10	< 10	85	< 10	44
L4100N 4700E	201 298	128	0.01	< 1	2220	40	< 5	2	12	0.09	< 10	< 10	30	30	60
L4100N 4750E	201 298	71	0.02	60	800	26	< 5	5	59	0.14	< 10	< 10	79	< 10	66
L4100N 4800E	201 298	29	0.01	25	300	30	< 5	7	26	0.26	< 10	< 10	112	< 10	196
L4100N 4850E	201 298	32	0.01	27	400	20	< 5	4	19	0.14	< 10	< 10	74	< 10	160
L4100N 4900E	201 298	17	0.01	10	470	22	< 5	4	20	0.15	< 10	< 10	88	< 10	128
L4100N 4950E	201 298	13	0.01	10	490	20	< 5	5	15	0.16	< 10	< 10	113	< 10	106
L4100N 5000E	201 298	6	< 0.01	4	380	8	< 5	2	14	0.10	< 10	< 10	71	< 10	60
L4100N 5050E	201 298	5	< 0.01	11	550	18	< 5	4	15	0.12	< 10	< 10	85	< 10	110
L4100N 5100E	201 298	11	0.01	13	380	12	< 5	4	19	0.14	< 10	< 10	90	< 10	94
L4100N 5150E	201 298	12	0.01	9	1150	22	< 5	6	13	0.16	< 10	< 10	109	< 10	160
L4100N 5200E	201 298	19	0.01	16	600	24	< 5	5	18	0.23	< 10	< 10	129	< 10	80
L4150N 4600E	201 298	28	0.01	19	600	10	< 5	5	18	0.14	< 10	< 10	91	< 10	154
L4200N 4250E	201 298	8	0.01	18	260	8	< 5	6	30	0.16	< 10	< 10	111	< 10	72
L4200N 4300E	201 298	< 1	0.01	12	370	12	< 5	5	22	0.18	< 10	< 10	86	< 10	70
L4200N 4350E	201 298	6	0.02	10	360	16	< 5	6	32	0.20	< 10	< 10	95	< 10	64
L4200N 4400E	201 298	2	0.01	11	780	12	< 5	5	15	0.20	< 10	< 10	105	< 10	136
L4200N 4450E	201 298	32	0.01	5	460	16	< 5	4	11	0.23	< 10	< 10	110	< 10	64
L4200N 4500E	201 298	9	0.01	6	410	14	< 5	4	11	0.24	< 10	< 10	125	< 10	106

CERTIFICATION: \_\_\_\_\_

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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 PHONE: 604-984-0221

To: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
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 V6E 3S7

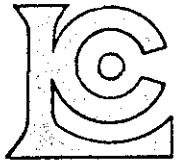
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 Invoice No. : 19120067  
 P.O. Number :

Project : B.C. RECCE  
 Comments : ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS A9120067

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L4200N 4550E	201 298	< 5	0.2	2.03	320	90	< 0.5	< 2	0.51	0.5	10	22	51	3.23	< 10	< 1	0.03	< 10	0.80	440
L4200N 4600E	201 298	< 5	0.2	2.40	540	110	< 0.5	< 2	0.46	< 0.5	13	18	27	3.22	< 10	< 1	0.07	< 10	0.77	335
L4200N 4650E	201 298	< 5	1.0	2.11	1065	70	< 0.5	< 2	0.12	< 0.5	15	17	67	4.47	< 10	< 1	0.04	< 10	0.72	235
L4200N 4700E	201 298	< 5	< 0.2	1.19	15	50	< 0.5	< 2	0.09	< 0.5	9	16	17	3.68	< 10	< 1	0.15	< 10	0.86	375
L4200N 4750E	201 298	< 5	< 0.2	1.62	50	90	< 0.5	< 2	0.13	< 0.5	9	20	61	4.10	< 10	< 1	0.06	< 10	0.73	175
L4200N 4800E	201 298	< 5	< 0.2	1.78	130	90	< 0.5	< 2	0.35	< 0.5	13	30	30	3.87	< 10	< 1	0.11	< 10	0.93	460
L4200N 4850E	201 298	< 5	< 0.2	1.43	30	70	< 0.5	< 2	0.29	< 0.5	7	18	13	3.35	< 10	< 1	0.05	< 10	0.32	225
L4200N 4900E	201 298	< 5	< 0.2	0.75	< 5	60	< 0.5	< 2	0.15	< 0.5	4	19	5	2.21	< 10	< 1	0.06	10	0.31	100
L4200N 4950E	201 298	< 5	0.8	1.80	175	90	< 0.5	< 2	0.26	< 0.5	5	14	28	2.71	< 10	< 1	0.06	< 10	0.45	160
L4200N 5000E	201 298	< 5	< 0.2	1.65	65	120	< 0.5	< 2	0.35	< 0.5	8	18	28	3.08	< 10	< 1	0.10	< 10	0.63	265
L4200N 5050E	201 298	< 5	0.2	1.53	80	100	< 0.5	< 2	0.36	< 0.5	7	17	19	2.60	< 10	< 1	0.08	< 10	0.53	205
L4200N 5100E	201 298	< 5	0.4	2.35	100	110	< 0.5	< 2	0.42	< 0.5	10	21	50	3.19	< 10	< 1	0.08	10	0.73	500
L4200N 5150E	201 298	< 5	< 0.2	1.07	25	60	< 0.5	< 2	0.18	< 0.5	4	12	10	1.97	< 10	1	0.11	< 10	0.40	150
L4200N 5200E	201 298	< 5	2.4	3.67	420	380	< 0.5	< 2	1.72	< 0.5	18	24	132	4.16	10	< 1	0.13	20	0.59	860
L4300N 4200E	201 298	< 5	< 0.2	1.43	< 5	50	< 0.5	< 2	0.52	< 0.5	7	19	9	2.10	< 10	< 1	0.03	< 10	0.42	190
L4300N 4250E	201 298	< 5	< 0.2	1.33	10	50	< 0.5	< 2	0.30	< 0.5	7	15	11	2.38	< 10	< 1	0.04	< 10	0.45	215
L4300N 4300E	201 298	< 5	< 0.2	2.00	20	80	< 0.5	4	0.50	< 0.5	9	33	17	2.62	< 10	< 1	0.05	< 10	0.92	255
L4300N 4350E	201 298	< 5	0.2	2.97	90	100	< 0.5	< 2	0.84	< 0.5	10	26	123	3.57	< 10	< 1	0.10	10	0.77	805
L4300N 4400E	201 298	< 5	< 0.2	1.28	10	50	< 0.5	< 2	0.30	< 0.5	4	17	8	2.13	< 10	2	0.03	10	0.26	170
L4300N 4450E	201 298	< 5	0.4	3.07	230	100	< 0.5	< 2	0.20	< 0.5	7	20	48	5.03	< 10	< 1	0.11	< 10	0.84	245
L4300N 4500E	201 298	< 5	< 0.2	2.48	35	70	< 0.5	< 2	0.16	< 0.5	6	14	31	3.78	< 10	< 1	0.04	< 10	0.51	200
L4300N 4550E	201 298	< 5	0.2	2.16	80	90	< 0.5	< 2	0.60	< 0.5	16	13	110	3.58	< 10	< 1	0.06	10	0.47	440
L4300N 4600E	201 298	< 5	1.0	2.80	860	120	< 0.5	< 2	0.57	12.0	19	26	517	3.80	< 10	< 1	0.06	20	0.59	980

CERTIFICATION: B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
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 V6E 3S7

Page Number : 4-B  
 Total Pages : 4  
 Certificate Date: 26-AUG-91  
 Invoice No. : I9120067  
 P.O. Number :

Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS

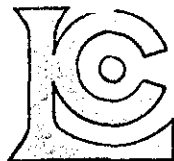
### A9120067

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L4200N 4550E	201 298	9	0.01	13	300	8	< 5	6	26	0.19	< 10	< 10	93	< 10	250
L4200N 4600E	201 298	13	0.01	10	320	12	< 5	6	29	0.17	< 10	< 10	89	< 10	198
L4200N 4650E	201 298	57	< 0.01	11	590	32	< 5	5	11	0.20	< 10	< 10	102	< 10	480
L4200N 4700E	201 298	1	0.01	6	200	16	< 5	9	5	0.31	< 10	< 10	133	< 10	110
L4200N 4750E	201 298	17	0.01	6	1030	4	< 5	4	11	0.27	< 10	< 10	140	< 10	106
L4200N 4800E	201 298	12	0.02	17	420	16	< 5	7	25	0.23	< 10	< 10	119	< 10	208
L4200N 4850E	201 298	3	0.01	5	660	18	< 5	4	22	0.21	< 10	< 10	108	< 10	114
L4200N 4900E	201 298	2	0.01	8	250	18	< 5	1	6	0.30	< 10	< 10	84	< 10	30
L4200N 4950E	201 298	9	0.01	6	610	12	< 5	4	20	0.18	< 10	< 10	82	< 10	68
L4200N 5000E	201 298	9	0.01	10	420	20	< 5	5	29	0.22	< 10	< 10	97	< 10	90
L4200N 5050E	201 298	6	0.01	9	450	10	< 5	4	28	0.19	< 10	< 10	86	< 10	76
L4200N 5100E	201 298	6	0.01	15	490	12	< 5	5	35	0.19	< 10	< 10	88	< 10	132
L4200N 5150E	201 298	5	0.01	5	160	14	< 5	4	14	0.22	< 10	< 10	79	< 10	52
L4200N 5200E	201 298	32	0.02	21	1040	10	< 5	7	109	0.09	< 10	< 10	101	< 10	82
L4300N 4200E	201 298	1	0.01	6	80	10	< 5	4	29	0.17	< 10	< 10	64	< 10	60
L4300N 4250E	201 298	1	0.01	7	270	10	< 5	4	24	0.18	< 10	< 10	80	< 10	52
L4300N 4300E	201 298	4	0.01	15	220	14	< 5	6	32	0.22	< 10	< 10	89	< 10	58
L4300N 4350E	201 298	11	0.02	26	290	6	< 5	10	42	0.19	< 10	< 10	96	< 10	96
L4300N 4400E	201 298	1	0.01	3	160	16	< 5	4	23	0.24	< 10	< 10	86	< 10	56
L4300N 4450E	201 298	2	0.02	7	580	16	< 5	11	16	0.37	< 10	< 10	153	< 10	118
L4300N 4500E	201 298	1	0.01	8	510	16	< 5	5	14	0.19	< 10	< 10	101	< 10	94
L4300N 4550E	201 298	22	0.02	9	440	18	< 5	5	47	0.19	< 10	< 10	82	< 10	208
L4300N 4600E	201 298	8	0.02	30	450	20	5	10	44	0.14	< 10	< 10	79	< 10	1065

CERTIFICATION: B. Coughlin

**RESULTS OF PROGRAM II**

**ROCK AND SOIL**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.  
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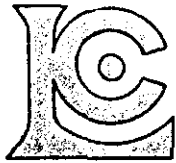
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 Invoice No. : I9121429  
 P.O. Number :

Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS A9121429

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
91BENRO-15	205 294	25	2.6	2.15	90	40	< 0.5	2	1.50	0.5	7	94	127	2.94	< 10	< 1	0.18	10	0.22	150
91BENRO-16	205 294	< 5	1.4	1.42	100	50	< 0.5	< 2	0.95	< 0.5	9	58	140	2.46	< 10	< 1	0.29	10	0.53	110
91BENRO-17	205 294	200	14.0	2.41	9260	70	0.5	8	0.59	< 0.5	4	108	96	2.63	< 10	< 1	0.61	10	0.51	420
91BENRO-18	205 294	< 5	0.8	2.85	5	430	< 0.5	< 2	0.93	1.0	18	70	62	5.54	< 10	< 1	1.01	< 10	2.29	760
91BENRO-19	205 294	10	4.6	8.67	1170	80	1.0	< 2	4.80	< 0.5	8	49	92	3.06	< 10	< 1	0.99	10	1.12	405
91BENRO-20	205 294	180	36.8	2.78	3490	630	< 0.5	2	0.71	< 0.5	31	341	164	4.93	< 10	< 1	1.91	< 10	2.03	615
91BENRO-21	205 294	125	28.8	0.78	110	110	< 0.5	< 2	0.60	< 0.5	6	109	96	2.12	< 10	< 1	0.43	10	0.60	235
91BENRO-22	205 294	365	65.6	3.66	1070	150	0.5	6	1.73	64.0	10	122	377	4.55	< 10	< 1	0.85	10	0.87	780
91BENRO-23	205 294	< 5	0.8	1.03	105	200	< 0.5	2	0.30	0.5	5	37	16	3.15	< 10	< 1	0.54	20	0.29	315
91BENRO-24	205 294	140	21.2	7.78	4410	100	1.5	6	4.13	< 0.5	16	65	273	5.05	10	< 1	0.93	10	1.36	850
91BENRO-25	205 294	520	89.0	7.18	>10000	160	1.0	16	3.63	< 0.5	10	109	229	5.55	10	< 1	1.17	10	1.42	910
91BENRO-26	205 294	850	101.0	6.92	>10000	110	1.0	30	3.55	< 0.5	18	100	291	4.85	< 10	< 1	1.09	10	1.23	755
91BENRO-27	205 294	10	2.2	0.61	70	310	< 0.5	< 2	0.04	< 0.5	2	261	11	2.74	< 10	< 1	0.33	10	0.06	45
91BENRO-61	205 294	< 5	0.8	1.82	20	340	< 0.5	< 2	0.44	0.5	13	92	56	4.26	< 10	< 1	1.34	< 10	1.45	495
91BENRO-62	205 294	< 5	0.6	2.86	45	640	< 0.5	< 2	0.85	< 0.5	10	112	157	4.23	< 10	< 1	1.19	< 10	1.04	365
91BENRO-63	205 294	< 5	0.6	5.40	5	50	0.5	4	3.55	0.5	12	39	66	2.61	< 10	< 1	0.24	20	0.43	140

CERTIFICATION: B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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 PHONE: 604-984-0221

Client: BHP-UTAH LIMITED

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 Invoice No. : I9121429  
 P.O. Number :

Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS A9121429

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
91BENRO-15	205 294	23	0.27	15	730	110	10	5	119	0.20	< 10	< 10	47	< 10	116
91BENRO-16	205 294	15	0.15	23	1090	32	5	4	55	0.23	< 10	< 10	51	< 10	38
91BENRO-17	205 294	26	0.09	6	230	188	45	2	22	0.04	< 10	< 10	13	< 10	114
91BENRO-18	205 294	1	0.07	25	800	2	5	18	29	0.39	< 10	< 10	210	< 10	88
91BENRO-19	205 294	77	0.68	10	1140	212	10	8	338	0.31	< 10	< 10	177	20	132
91BENRO-20	205 294	21	0.12	90	940	1165	55	10	41	0.33	< 10	< 10	171	< 10	154
91BENRO-21	205 294	< 1	0.10	6	1150	524	25	2	33	0.19	< 10	< 10	50	< 10	74
91BENRO-22	205 294	73	0.20	6	1340	1760	30	8	108	0.23	< 10	< 10	102	10	2230
91BENRO-23	205 294	< 1	0.04	2	1080	18	5	6	16	0.14	< 10	< 10	54	< 10	82
91BENRO-24	205 294	4	0.19	8	1380	344	10	17	223	0.26	< 10	< 10	194	20	190
91BENRO-25	205 294	5	0.35	6	1700	1775	80	13	291	0.15	< 10	< 10	127	< 10	220
91BENRO-26	205 294	2	0.38	8	1960	2470	45	13	236	0.22	< 10	< 10	134	< 10	302
91BENRO-27	205 294	2	0.02	3	310	30	5	2	12	< 0.01	< 10	< 10	8	< 10	30
91BENRO-61	205 294	3	0.06	27	990	4	5	12	13	0.38	< 10	< 10	172	< 10	106
91BENRO-62	205 294	5	0.13	18	790	10	< 5	16	60	0.35	< 10	< 10	152	< 10	62
91BENRO-63	205 294	8	0.35	29	1050	< 2	< 5	1	325	0.23	< 10	< 10	48	< 10	30

CERTIFICATION:

*B. Coughlin*



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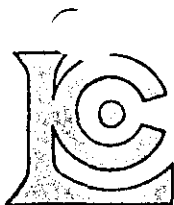
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## CERTIFICATE OF ANALYSIS A9121428

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L3500N 4600E	201 298	< 5	0.4	1.92	20	90	< 0.5	< 2	0.40	< 0.5	6	18	13	2.72	< 10	< 1	0.04	10	0.63	230
L3500N 4650E	201 298	< 5	1.0	3.19	65	150	< 0.5	4	0.52	< 0.5	13	26	39	4.06	< 10	< 1	0.10	10	1.23	450
L3500N 4700E	201 298	< 5	0.6	2.06	80	120	< 0.5	< 2	1.44	< 0.5	8	19	31	2.96	< 10	< 1	0.07	10	0.79	540
L3500N 4750E	201 298	< 5	0.8	2.17	70	70	< 0.5	2	0.26	< 0.5	5	18	15	3.63	< 10	< 1	0.05	< 10	0.41	180
L3500N 4785E	201 298	< 5	0.6	3.27	40	120	< 0.5	< 2	0.30	0.5	11	23	21	4.09	< 10	< 1	0.06	10	0.69	300
L3500N 4850E	201 298	< 5	0.8	2.60	45	90	< 0.5	< 2	0.33	< 0.5	8	31	21	4.89	< 10	< 1	0.07	< 10	0.82	290
L3500N 4900E	201 298	< 5	0.6	2.13	75	100	< 0.5	4	0.27	< 0.5	7	20	17	3.58	< 10	< 1	0.06	< 10	0.57	260
L3500N 4950E	201 298	< 5	0.6	2.55	55	150	< 0.5	2	0.34	< 0.5	13	20	22	3.74	< 10	< 1	0.08	< 10	0.94	560
L3500N 5000E	201 298	< 5	1.0	3.43	95	260	< 0.5	< 2	1.07	0.5	13	27	57	4.23	< 10	< 1	0.21	10	1.13	820
L3500N 5050E	201 298	< 5	0.4	2.33	65	90	< 0.5	4	0.33	< 0.5	10	20	22	3.35	< 10	< 1	0.06	< 10	0.62	245
L3500N 5100E	201 298	< 5	0.6	2.53	65	80	< 0.5	< 2	0.29	< 0.5	8	22	17	3.99	< 10	2	0.06	< 10	0.67	250
L3500N 5150E	201 298	< 5	1.6	3.55	80	100	< 0.5	38	0.18	< 0.5	8	14	99	7.24	< 10	< 1	0.12	10	0.27	290
L3500N 5200E	201 298	< 5	1.0	3.59	75	140	< 0.5	6	0.23	< 0.5	12	36	47	4.57	< 10	< 1	0.09	< 10	1.04	375
L3500N 5250E	201 298	< 5	0.6	1.73	5	50	< 0.5	4	0.14	< 0.5	9	42	21	2.95	< 10	< 1	0.02	< 10	0.66	105
L3500N 5300E	201 298	< 5	1.4	5.97	60	80	0.5	< 2	0.33	< 0.5	16	17	52	4.14	< 10	< 1	0.05	10	0.58	240
L3500N 5350E	201 298	< 5	1.2	2.85	10	90	< 0.5	2	0.34	0.5	15	47	12	3.49	< 10	< 1	0.08	< 10	1.10	135
L3500N 5400E	201 298	< 5	0.8	3.08	70	170	< 0.5	< 2	0.09	< 0.5	4	18	22	4.51	< 10	< 1	0.18	10	1.07	310
L3500N 5450E	201 298	< 5	1.4	4.71	50	200	0.5	< 2	0.18	2.5	9	29	53	7.95	< 10	< 1	0.11	10	0.69	355
L3500N 5500E	201 298	< 5	0.8	3.04	50	90	< 0.5	2	0.38	1.0	10	27	25	4.21	< 10	< 1	0.11	10	0.91	325
L3500N 5550E	201 298	< 5	1.0	4.29	110	200	0.5	4	0.52	1.0	24	29	45	5.24	< 10	2	0.13	10	0.89	980
L3500N 5600E	201 298	< 5	1.0	3.90	95	130	0.5	< 2	0.84	0.5	18	35	75	4.28	< 10	< 1	0.10	10	1.34	1000
L3500N 5650E	201 298	< 5	1.0	3.11	115	130	< 0.5	6	0.35	1.0	13	27	31	4.57	< 10	< 1	0.09	< 10	0.82	300
L3500N 5700E	201 298	< 5	0.8	3.85	75	150	0.5	< 2	0.36	0.5	17	26	38	4.58	< 10	< 1	0.07	10	0.71	505
L3500N 5750E	201 298	< 5	0.6	2.47	< 5	140	< 0.5	2	0.20	0.5	6	40	40	4.03	< 10	< 1	0.15	< 10	0.83	195
L3500N 5800E	201 298	< 5	0.8	3.09	75	120	< 0.5	< 2	0.29	0.5	13	22	26	4.20	< 10	1	0.08	< 10	0.71	285
L3500N 5850E	201 298	< 5	1.4	3.45	85	190	< 0.5	< 2	1.28	3.0	16	30	70	4.18	< 10	< 1	0.14	10	0.89	1715
L3500N 5900E	201 298	< 5	2.8	5.59	105	330	0.5	2	1.49	4.0	19	36	181	5.60	10	< 1	0.29	20	1.08	1245
L3500N 5950E	201 298	< 5	1.4	3.03	80	210	< 0.5	< 2	1.41	0.5	13	32	83	3.91	< 10	< 1	0.31	10	0.97	825
L3500N 6000E	201 298	25	11.4	6.87	555	360	1.0	8	1.59	13.5	34	48	647	6.56	10	< 1	0.28	20	1.04	1025
L3500N 6050E	201 298	< 5	0.6	2.93	120	230	< 0.5	6	0.34	1.0	11	30	68	4.55	< 10	< 1	0.13	< 10	1.09	315
L3500N 6100E	201 298	< 5	0.6	2.79	90	110	< 0.5	< 2	0.33	< 0.5	11	23	28	3.85	< 10	< 1	0.09	< 10	0.80	300
L3500N 6150E	201 298	< 5	0.2	1.41	35	60	< 0.5	4	0.19	< 0.5	3	16	11	2.48	< 10	< 1	0.06	< 10	0.27	125
L3500N 6200E	201 298	< 5	0.8	1.84	85	90	< 0.5	< 2	0.25	0.5	5	25	13	3.50	< 10	< 1	0.09	< 10	0.57	220
L3500N 6250E	201 298	< 5	2.2	4.94	195	270	0.5	< 2	1.47	1.5	16	36	129	5.43	< 10	< 1	0.25	20	1.01	775
L3500N 6300E	201 298	< 5	0.6	1.69	80	60	< 0.5	< 2	0.29	< 0.5	6	22	12	2.99	< 10	< 1	0.09	10	0.50	175
L3500N 6350E	201 298	< 5	1.0	2.97	60	120	< 0.5	4	0.24	0.5	14	29	23	3.57	< 10	2	0.12	< 10	0.74	225
L3550N 4600E	201 298	< 5	0.8	4.04	90	250	0.5	< 2	0.40	< 0.5	16	27	40	4.92	< 10	< 1	0.13	< 10	1.01	590
L3550N 5500E	201 298	< 5	1.0	3.06	60	110	0.5	< 2	0.26	0.5	10	25	21	3.98	< 10	< 1	0.07	< 10	0.52	250
L3600N 4600E	201 298	< 5	0.8	3.72	110	210	0.5	2	0.39	1.0	11	27	58	4.32	< 10	< 1	0.08	10	1.02	495
L3600N 4750E	201 298	< 5	1.0	2.14	205	190	< 0.5	< 2	1.38	3.5	15	23	71	3.46	< 10	< 1	0.19	10	0.91	2120

CERTIFICATION: \_\_\_\_\_

*B. Coughlin*



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Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS A9121428

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L3500N 4600E	201 298	2	0.01	8	150	2	< 5	5	31	0.22	< 10	< 10	95	< 10	74
L3500N 4650E	201 298	2	0.02	15	440	4	< 5	10	41	0.23	< 10	< 10	124	< 10	108
L3500N 4700E	201 298	< 1	0.02	11	500	< 2	< 5	6	64	0.15	< 10	< 10	75	< 10	88
L3500N 4750E	201 298	3	0.01	5	480	4	< 5	6	74	0.24	< 10	< 10	125	< 10	66
L3500N 4785E	201 298	3	0.01	13	610	8	< 5	6	27	0.20	< 10	< 10	102	< 10	116
L3500N 4850E	201 298	2	0.01	9	730	< 2	< 5	6	27	0.28	< 10	< 10	160	< 10	152
L3500N 4900E	201 298	2	0.01	6	440	6	< 5	6	25	0.22	< 10	< 10	114	< 10	92
L3500N 4950E	201 298	2	0.01	8	470	< 2	< 5	8	32	0.23	< 10	< 10	119	< 10	150
L3500N 5000E	201 298	1	0.02	23	810	2	< 5	9	76	0.16	< 10	< 10	109	< 10	120
L3500N 5050E	201 298	3	0.01	12	420	6	< 5	5	33	0.22	< 10	< 10	98	< 10	82
L3500N 5100E	201 298	2	0.01	9	620	2	< 5	6	26	0.24	< 10	< 10	126	< 10	94
L3500N 5150E	201 298	7	0.01	3	1460	10	< 5	5	21	0.11	< 10	< 10	122	< 10	134
L3500N 5200E	201 298	2	0.01	21	450	< 2	< 5	6	21	0.28	< 10	< 10	133	< 10	124
L3500N 5250E	201 298	1	0.01	19	380	4	< 5	2	15	0.22	< 10	< 10	123	< 10	46
L3500N 5300E	201 298	5	0.02	10	720	< 2	< 5	6	36	0.22	< 10	< 10	96	< 10	40
L3500N 5350E	201 298	< 1	0.03	18	680	8	< 5	7	23	0.32	< 10	< 10	131	< 10	144
L3500N 5400E	201 298	3	0.01	4	540	< 2	< 5	16	31	0.35	< 10	< 10	133	< 10	118
L3500N 5450E	201 298	21	0.01	18	1920	< 2	< 5	11	51	0.15	< 10	< 10	219	< 10	462
L3500N 5500E	201 298	1	0.01	13	510	4	< 5	7	32	0.27	< 10	< 10	125	< 10	94
L3500N 5550E	201 298	2	0.01	23	840	4	< 5	8	38	0.26	< 10	< 10	141	< 10	272
L3500N 5600E	201 298	3	0.03	24	440	8	< 5	10	53	0.27	< 10	< 10	116	< 10	210
L3500N 5650E	201 298	3	0.01	18	620	8	< 5	7	32	0.24	< 10	< 10	132	< 10	146
L3500N 5700E	201 298	3	0.01	25	370	14	< 5	7	32	0.23	< 10	< 10	119	< 10	146
L3500N 5750E	201 298	5	0.02	7	810	4	< 5	6	20	0.38	< 10	< 10	136	< 10	74
L3500N 5800E	201 298	2	0.01	13	660	6	< 5	6	26	0.23	< 10	< 10	118	< 10	122
L3500N 5850E	201 298	5	0.03	31	700	20	< 5	8	82	0.19	< 10	< 10	107	< 10	238
L3500N 5900E	201 298	5	0.02	48	860	6	< 5	11	94	0.12	< 10	< 10	120	< 10	172
L3500N 5950E	201 298	3	0.04	24	900	< 2	< 5	9	85	0.18	< 10	< 10	106	< 10	126
L3500N 6000E	201 298	7	0.09	119	1140	44	< 5	15	133	0.20	< 10	< 10	134	< 10	994
L3500N 6050E	201 298	5	0.01	20	770	8	< 5	9	26	0.27	< 10	< 10	146	< 10	184
L3500N 6100E	201 298	2	0.01	12	630	< 2	< 5	6	26	0.23	< 10	< 10	111	< 10	84
L3500N 6150E	201 298	2	0.01	3	500	< 2	< 5	3	16	0.22	< 10	< 10	82	< 10	60
L3500N 6200E	201 298	5	0.01	6	520	10	< 5	6	21	0.32	< 10	< 10	136	< 10	116
L3500N 6250E	201 298	5	0.02	37	550	34	< 5	12	88	0.18	< 10	< 10	128	< 10	176
L3500N 6300E	201 298	2	0.01	9	390	14	< 5	5	21	0.27	< 10	< 10	115	< 10	80
L3500N 6350E	201 298	3	0.01	20	1170	12	< 5	6	21	0.20	< 10	< 10	104	< 10	104
L3550N 4600E	201 298	4	0.01	20	640	6	< 5	7	36	0.19	< 10	< 10	128	< 10	176
L3550N 5500E	201 298	2	0.01	12	700	8	< 5	5	22	0.18	< 10	< 10	104	< 10	152
L3600N 4600E	201 298	2	0.01	19	480	14	< 5	6	37	0.16	< 10	< 10	112	< 10	154
L3600N 4750E	201 298	5	0.03	16	770	14	< 5	7	64	0.15	< 10	< 10	94	< 10	186

CERTIFICATION:

*B. Coughlin*





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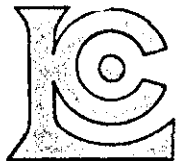
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## CERTIFICATE OF ANALYSIS A9121428

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L3600N 4800E	201 298	< 5	0.6	2.23	75	90	< 0.5	< 2	0.37	< 0.5	9	21	23	3.13	< 10	< 1	0.05	< 10	0.62	295
L3600N 4850E	201 298	< 5	0.8	2.66	85	140	< 0.5	6	0.49	0.5	8	19	35	3.16	< 10	< 1	0.09	10	0.89	320
L3600N 4900E	201 298	< 5	1.2	2.88	145	160	< 0.5	< 2	0.62	< 0.5	11	26	49	3.61	< 10	3	0.11	10	1.01	495
L3600N 4950E	201 298	< 5	1.8	4.27	285	230	< 0.5	4	0.45	1.5	17	29	87	5.09	< 10	< 1	0.15	10	1.14	660
L3600N 5000E	201 298	< 5	0.8	2.14	60	140	< 0.5	4	1.05	0.5	10	24	37	3.05	< 10	< 1	0.10	10	0.81	625
L3600N 5050E	201 298	< 5	1.0	2.41	70	60	< 0.5	6	0.28	< 0.5	10	19	24	3.46	< 10	< 1	0.08	< 10	0.66	240
L3600N 5100E	201 298	< 5	0.8	2.73	265	90	< 0.5	6	0.37	< 0.5	12	18	42	3.80	< 10	< 1	0.12	< 10	0.72	260
L3600N 5150E	201 298	< 5	0.6	3.91	85	90	< 0.5	< 2	0.25	0.5	10	18	42	3.86	< 10	< 1	0.06	< 10	0.64	235
L3600N 5200E	201 298	< 5	0.8	2.69	120	100	0.5	2	0.20	< 0.5	8	17	36	4.45	< 10	< 1	0.09	< 10	0.46	270
L3600N 5250E	201 298	< 5	0.4	1.26	35	60	< 0.5	< 2	0.24	< 0.5	5	16	12	2.99	< 10	2	0.05	< 10	0.33	235
L3600N 5300E	201 298	< 5	0.6	2.62	110	120	< 0.5	< 2	0.29	< 0.5	11	21	22	4.35	< 10	< 1	0.07	< 10	0.66	465
L3600N 5350E	201 298	5	2.0	2.67	325	190	< 0.5	< 2	0.88	0.5	12	25	65	4.37	< 10	< 1	0.16	10	0.82	635
L3600N 5400E	201 298	< 5	1.0	2.75	235	100	< 0.5	< 2	0.18	0.5	12	21	24	4.96	< 10	< 1	0.09	< 10	0.75	475
L3600N 5450E	201 298	< 5	0.6	1.56	65	70	< 0.5	< 2	0.23	0.5	7	17	15	3.33	< 10	< 1	0.06	< 10	0.47	230
L3600N 5500E	201 298	< 5	0.8	1.34	25	130	< 0.5	< 2	0.22	0.5	5	20	14	3.04	< 10	< 1	0.13	10	0.51	220
L3600N 5550E	201 298	< 5	1.0	3.18	115	150	< 0.5	< 2	1.33	0.5	12	29	56	4.02	< 10	< 1	0.13	10	0.82	385
L3600N 5600E	201 298	5	1.4	2.84	165	110	< 0.5	2	0.35	< 0.5	13	26	35	4.30	< 10	< 1	0.10	10	0.73	250
L3600N 5650E	201 298	< 5	1.0	2.58	80	160	< 0.5	< 2	0.88	0.5	17	41	118	4.34	< 10	1	0.14	10	1.54	730
L3600N 5700E	201 298	< 5	2.2	2.74	285	140	< 0.5	< 2	1.30	3.5	21	23	123	3.89	< 10	1	0.09	10	0.70	1400
L3600N 5750E	201 298	< 5	0.8	3.65	125	170	< 0.5	2	0.66	0.5	16	37	78	4.83	< 10	4	0.10	10	1.04	440
L3600N 5800E	201 298	< 5	0.8	2.62	180	90	< 0.5	2	0.32	< 0.5	9	21	28	4.13	< 10	< 1	0.08	10	0.57	260
L3600N 5850E	201 298	< 5	0.8	2.76	90	140	< 0.5	6	0.44	0.5	12	25	27	3.95	< 10	< 1	0.10	10	1.01	420
L3600N 5900E	201 298	< 5	1.2	2.34	115	160	< 0.5	< 2	2.20	2.0	11	23	80	3.23	< 10	< 1	0.08	10	0.72	620
L3600N 5950E	201 298	< 5	1.8	2.64	125	160	< 0.5	6	1.08	2.0	19	27	81	4.04	< 10	< 1	0.12	10	0.75	625
L3600N 6000E	201 298	< 5	0.8	3.42	110	180	< 0.5	2	0.54	1.0	18	55	60	4.21	< 10	< 1	0.10	10	1.24	465
L3600N 6050E	201 298	< 5	0.6	1.63	90	110	< 0.5	< 2	0.49	< 0.5	6	21	23	3.20	< 10	< 1	0.08	< 10	0.53	190
L3600N 6100E	201 298	< 5	1.2	2.28	150	110	< 0.5	< 2	0.21	0.5	7	23	23	3.71	< 10	< 1	0.08	< 10	0.61	265
L3600N 6150E	201 298	< 5	1.0	2.53	75	100	< 0.5	< 2	0.38	0.5	14	38	26	3.86	< 10	< 1	0.08	10	1.07	315
L3600N 6200E	201 298	< 5	0.6	2.60	130	90	< 0.5	< 2	0.27	< 0.5	11	23	24	3.86	< 10	< 1	0.06	< 10	0.57	230
L3650N 4600E	201 298	< 5	0.4	3.77	90	210	< 0.5	< 2	0.94	0.5	18	21	54	4.84	< 10	< 1	0.43	10	2.19	1045
L3650N 5500E	201 298	< 5	1.4	3.67	640	160	< 0.5	2	0.33	< 0.5	14	31	56	5.63	< 10	< 1	0.10	< 10	1.00	520
L3700N 5300E	201 298	< 5	1.2	1.15	160	40	< 0.5	< 2	0.23	3.0	3	16	28	5.41	< 10	< 1	0.03	< 10	0.19	315
L3700N 5350E	201 298	5	1.0	3.16	440	130	< 0.5	< 2	0.49	< 0.5	14	28	50	4.02	< 10	< 1	0.16	10	0.92	530
L3700N 5400E	201 298	< 5	2.4	3.29	225	130	< 0.5	< 2	0.28	1.5	11	33	36	4.93	< 10	< 1	0.09	< 10	0.78	290
L3700N 5450E	201 298	< 5	3.0	3.51	320	220	< 0.5	< 2	1.69	0.5	15	34	234	4.35	< 10	< 1	0.21	20	0.88	475
L3700N 5500E	201 298	< 5	1.4	4.68	100	260	< 0.5	< 2	1.41	2.0	17	46	241	4.75	< 10	2	0.12	20	1.04	915
L3700N 5550E	201 298	< 5	0.8	2.43	75	140	< 0.5	2	0.35	0.5	14	42	49	4.08	< 10	< 1	0.30	< 10	1.47	490
L3700N 5600E	201 298	< 5	0.8	1.80	145	160	< 0.5	2	0.25	< 0.5	10	29	35	3.51	< 10	< 1	0.19	10	0.78	265
L3700N 5650E	201 298	< 5	0.8	2.44	190	110	< 0.5	< 2	0.43	< 0.5	15	42	59	4.47	< 10	< 1	0.09	< 10	1.09	400
L3700N 5700E	201 298	< 5	1.2	2.38	170	150	< 0.5	6	1.09	< 0.5	15	33	49	3.66	< 10	< 1	0.16	10	0.93	470

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver

British Columbia, Canada V7J 2C1

PHONE: 604-984-0221

Client: BHP-UTAH LIMITED

1600 - 1050 W. PENDER ST.

VANCOUVER, B.C.

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Project: B.C. RECCE

Comments: ATTN: NEIL LENOBEL

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Invoice No. : 19121428

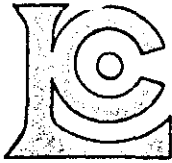
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## CERTIFICATE OF ANALYSIS

### A9121428

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
L3600N 4800E	201 298	2	0.01	9	350	< 2	< 5	5	31	0.17	< 10	< 10	91	< 10	100
L3600N 4850E	201 298	5	0.01	11	570	12	< 5	7	41	0.22	< 10	< 10	97	< 10	116
L3600N 4900E	201 298	4	0.02	16	630	22	< 5	8	50	0.22	< 10	< 10	103	< 10	146
L3600N 4950E	201 298	7	0.01	20	750	46	5	9	40	0.20	< 10	< 10	126	< 10	312
L3600N 5000E	201 298	3	0.02	10	750	8	5	6	79	0.15	< 10	< 10	81	< 10	90
L3600N 5050E	201 298	3	0.01	8	380	6	< 5	5	25	0.24	< 10	< 10	104	< 10	90
L3600N 5100E	201 298	3	0.01	11	530	10	< 5	6	33	0.22	< 10	< 10	108	< 10	102
L3600N 5150E	201 298	3	0.01	8	560	2	< 5	6	23	0.23	< 10	< 10	112	< 10	80
L3600N 5200E	201 298	3	0.01	8	560	46	< 5	5	21	0.21	< 10	< 10	116	< 10	84
L3600N 5250E	201 298	2	0.01	6	390	10	< 5	3	18	0.21	< 10	< 10	104	< 10	66
L3600N 5300E	201 298	2	0.01	13	880	6	< 5	6	30	0.22	< 10	< 10	122	< 10	140
L3600N 5350E	201 298	4	0.02	16	660	74	< 5	8	76	0.16	< 10	< 10	118	< 10	224
L3600N 5400E	201 298	5	0.01	9	2040	46	5	8	17	0.22	< 10	< 10	132	< 10	358
L3600N 5450E	201 298	1	0.01	5	540	14	< 5	4	19	0.23	< 10	< 10	115	< 10	116
L3600N 5500E	201 298	2	0.01	5	410	12	< 5	5	17	0.26	< 10	< 10	99	< 10	90
L3600N 5550E	201 298	2	0.02	22	480	24	< 5	7	62	0.18	< 10	< 10	112	< 10	144
L3600N 5600E	201 298	5	0.02	13	260	12	< 5	8	24	0.29	< 10	< 10	138	< 10	162
L3600N 5650E	201 298	1	0.02	38	720	14	< 5	10	48	0.32	< 10	< 10	129	< 10	146
L3600N 5700E	201 298	4	0.03	28	590	84	< 5	7	79	0.20	< 10	< 10	104	< 10	380
L3600N 5750E	201 298	3	0.02	40	360	20	< 5	9	49	0.29	< 10	< 10	138	< 10	182
L3600N 5800E	201 298	4	0.01	11	450	34	< 5	6	26	0.27	< 10	< 10	130	< 10	130
L3600N 5850E	201 298	1	0.01	15	490	26	< 5	8	32	0.27	< 10	< 10	120	< 10	222
L3600N 5900E	201 298	4	0.03	17	900	16	< 5	6	133	0.13	< 10	< 10	85	< 10	108
L3600N 5950E	201 298	2	0.02	20	610	48	< 5	7	61	0.21	< 10	< 10	111	< 10	204
L3600N 6000E	201 298	1	0.02	53	440	26	< 5	9	38	0.25	< 10	< 10	124	< 10	302
L3600N 6050E	201 298	3	0.01	9	340	20	< 5	4	32	0.21	< 10	< 10	98	< 10	86
L3600N 6100E	201 298	4	0.01	11	650	30	< 5	5	17	0.22	< 10	< 10	110	< 10	162
L3600N 6150E	201 298	3	0.01	22	270	22	< 5	6	32	0.22	< 10	< 10	117	< 10	120
L3600N 6200E	201 298	4	0.01	12	500	26	5	5	23	0.17	< 10	< 10	114	< 10	110
L3650N 4600E	201 298	4	0.05	13	710	6	< 5	14	60	0.37	< 10	< 10	135	< 10	82
L3650N 5500E	201 298	9	0.01	17	1150	38	5	9	22	0.25	< 10	< 10	169	< 10	332
L3700N 5300E	201 298	18	0.01	10	720	22	< 5	4	11	0.21	< 10	< 10	216	< 10	164
L3700N 5350E	201 298	4	0.01	25	980	38	5	8	36	0.23	< 10	< 10	113	< 10	320
L3700N 5400E	201 298	8	0.01	20	680	30	< 5	8	24	0.24	< 10	< 10	130	< 10	384
L3700N 5450E	201 298	2	0.03	30	710	52	< 5	10	93	0.20	< 10	< 10	117	< 10	226
L3700N 5500E	201 298	2	0.04	37	1050	18	< 5	13	111	0.17	< 10	< 10	120	< 10	192
L3700N 5550E	201 298	5	0.01	24	460	8	< 5	6	21	0.34	< 10	< 10	131	< 10	126
L3700N 5600E	201 298	5	0.01	12	390	32	< 5	7	20	0.32	< 10	< 10	125	< 10	124
L3700N 5650E	201 298	7	0.01	28	540	10	< 5	7	34	0.26	< 10	< 10	131	< 10	170
L3700N 5700E	201 298	2	0.02	23	560	24	< 5	7	60	0.20	< 10	< 10	105	< 10	118

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

Client: BHP-UTAH LIMITED

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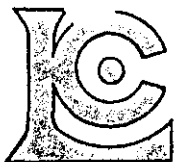
Project: B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS A9121428

SAMPLE DESCRIPTION	PREP CODE	Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L3700N 5750E	201 298	< 5	2.0	3.94	255	240	< 0.5	< 2	1.06	2.0	25	47	121	4.67	< 10	< 1	0.13	10	1.03	830
L3800N 5250E	201 298	< 5	1.2	2.10	155	110	< 0.5	< 2	0.30	0.5	11	24	44	3.54	< 10	< 1	0.07	< 10	0.67	300
L3800N 5300E	201 298	< 5	1.2	2.91	205	240	< 0.5	2	1.15	0.5	13	95	72	3.90	< 10	< 1	0.14	10	1.22	375
L3800N 5350E	201 298	< 5	2.4	2.85	250	160	< 0.5	< 2	0.30	< 0.5	16	24	95	4.92	< 10	< 1	0.11	< 10	0.65	430
L3800N 5400E	201 298	5	1.0	2.33	315	150	< 0.5	< 2	0.38	1.0	12	41	54	4.77	< 10	1	0.14	< 10	0.76	360
L3800N 5450E	201 298	< 5	1.0	1.79	300	140	< 0.5	< 2	0.22	< 0.5	7	49	36	3.33	< 10	< 1	0.16	< 10	0.68	195
L3800N 5500E	201 298	< 5	1.0	2.19	50	140	< 0.5	< 2	0.89	< 0.5	15	40	63	4.13	< 10	< 1	0.35	10	1.69	595
L3800N 5550E	201 298	< 5	1.2	2.51	160	140	< 0.5	< 2	1.27	< 0.5	14	34	64	3.57	< 10	< 1	0.23	10	0.92	450
L3800N 5600E	201 298	< 5	1.8	3.00	205	130	< 0.5	4	0.52	0.5	20	36	203	4.23	< 10	< 1	0.16	10	0.92	540
L3800N 5650E	201 298	< 5	1.2	2.63	350	150	< 0.5	< 2	0.35	< 0.5	11	37	41	4.29	< 10	1	0.08	< 10	0.82	235
L3800N 5700E	201 298	5	0.4	0.88	85	70	< 0.5	< 2	0.20	< 0.5	4	21	9	2.16	< 10	< 1	0.05	< 10	0.31	115
L3800N 5750E	201 298	< 5	0.2	0.40	20	60	< 0.5	< 2	0.09	< 0.5	2	17	3	1.87	< 10	< 1	0.07	< 10	0.17	60
L3850N 5500E	201 298	< 5	1.4	2.81	215	170	< 0.5	< 2	0.43	2.0	20	32	82	4.38	< 10	< 1	0.15	< 10	0.86	1105
L3900N 5250E	201 298	< 5	1.2	2.67	305	160	< 0.5	< 2	0.32	< 0.5	10	34	59	4.02	< 10	1	0.12	< 10	1.07	265
L3900N 5300E	201 298	< 5	1.6	2.83	275	130	< 0.5	< 2	0.76	1.5	12	31	117	3.95	< 10	< 1	0.09	10	0.85	505
L3900N 5350E	201 298	< 5	1.0	2.09	230	130	< 0.5	2	0.40	0.5	9	27	63	3.28	< 10	< 1	0.10	< 10	0.67	255
L3900N 5400E	201 298	< 5	1.0	2.40	235	130	< 0.5	< 2	0.44	< 0.5	13	25	57	3.87	< 10	< 1	0.09	< 10	0.71	295
L3900N 5450E	201 298	< 5	1.2	2.38	160	150	< 0.5	< 2	0.57	< 0.5	15	33	69	4.03	< 10	< 1	0.18	10	0.91	520

CERTIFICATION:

*B. Campbell*



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Project : B.C. RECCE  
 Comments: ATTN: NEIL LENOBEL

## CERTIFICATE OF ANALYSIS

### A9121428

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Ti	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L3700N 5750E	201	298	5	0.02	39	510	38	< 5	9	69	0.22	< 10	< 10	122	< 10	254
L3800N 5250E	201	298	4	0.01	15	610	32	< 5	6	23	0.23	< 10	< 10	107	< 10	174
L3800N 5300E	201	298	4	0.05	94	570	24	< 5	9	54	0.25	< 10	< 10	134	< 10	158
L3800N 5350E	201	298	10	0.01	16	1000	32	< 5	7	23	0.23	< 10	< 10	128	< 10	158
L3800N 5400E	201	298	11	0.01	14	790	36	< 5	6	29	0.24	< 10	< 10	130	< 10	212
L3800N 5450E	201	298	8	0.01	13	380	18	< 5	6	24	0.25	< 10	< 10	107	< 10	118
L3800N 5500E	201	298	2	0.01	21	890	< 2	< 5	5	38	0.33	< 10	< 10	115	< 10	96
L3800N 5550E	201	298	3	0.02	22	700	20	< 5	7	70	0.20	< 10	< 10	103	< 10	120
L3800N 5600E	201	298	3	0.01	47	840	14	< 5	7	38	0.22	< 10	< 10	106	< 10	152
L3800N 5650E	201	298	11	0.01	17	350	2	< 5	7	26	0.25	< 10	< 10	132	< 10	150
L3800N 5700E	201	298	5	0.01	5	300	12	< 5	3	14	0.21	< 10	< 10	77	< 10	46
L3800N 5750E	201	298	< 1	< 0.01	4	290	< 2	< 5	< 1	8	0.23	< 10	< 10	67	< 10	14
L3850N 5500E	201	298	6	0.01	24	420	18	5	7	34	0.22	< 10	< 10	117	< 10	252
L3900N 5250E	201	298	10	0.01	16	420	22	< 5	9	32	0.24	< 10	< 10	121	< 10	210
L3900N 5300E	201	298	5	0.01	25	830	32	< 5	7	49	0.15	< 10	< 10	106	< 10	160
L3900N 5350E	201	298	4	0.01	16	560	22	< 5	5	31	0.18	< 10	< 10	90	< 10	106
L3900N 5400E	201	298	9	0.01	20	330	6	< 5	6	37	0.23	< 10	< 10	113	< 10	112
L3900N 5450E	201	298	5	0.02	27	700	18	< 5	6	39	0.24	< 10	< 10	109	< 10	136

CERTIFICATION: B. Coughlin

**APPENDIX III**

**STATEMENT OF QUALIFICATIONS**

**STATEMENT OF QUALIFICATIONS**

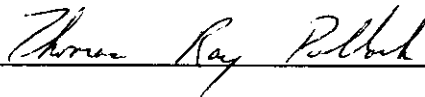
**Tom R. Pollock**

I, Thomas Ray Pollock, of #702, 120 West 2nd Street, North Vancouver, British Columbia, do hereby certify that:

I am a graduate of McGill University in Montreal, Quebec with a Masters of Applied Science in Mineral Exploration, 1980.

Since graduation, I have worked continuously in the mining industry both in Canada and abroad.

I am currently employed by BHP-UTAH MINES LTD., Suite 1600 - 1050 West Pender Street, Vancouver, B.C., V6E 3S7, as a Project Geologist.

A handwritten signature in cursive script that reads "Thomas Ray Pollock". The signature is written in dark ink and is positioned above a horizontal line.

T. R. Pollock  
Project Geologist

STATEMENT OF QUALIFICATIONS

I, Alex Nikolajevich, of 10316 Johnson Wynd, Delta, BC, declare:

1. That, I am a graduate of the University of Toronto with a Bachelor of Science degree in Geology (1985).
2. That, I have worked on a full and part-time basis in the petroleum exploration industry for 1 year in Alberta, and in the mineral exploration and mining industry for 5 years in the Northwest Territories, Yukon Territory, British Columbia and Australia.
3. That, I was employed as a Contract Geologist with BHP-Utah Mines Ltd. while involved with the exploration program on the BEN Property.



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Alex Nikolajevich, B.Sc.

TYPE OF REPORT/SURVEY(S) Geological/Geochemical Report	TOTAL COST \$ 11,014.50
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AUTHOR(S) Tom Pollock SIGNATURE(S) *[Signature]*  
 Alex Nikolajevich

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Not filed YEAR OF WORK 1991  
 (JAN 17/92)

PROPERTY NAME(S) BEN

COMMODITIES PRESENT Ag, Au, Pb, Cu

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN New property

MINING DIVISION Qmineca NTS 93F/7E

LATITUDE 53°19'00" N LONGITUDE 124°33'30" W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

BEN (20 units), BEN 1 (10 units), BEN 2 (2 units), BEN 3 (18 units)

OWNER(S)  
 (1) BHP-Utah Mines Ltd. (2)

MAILING ADDRESS  
 #1600 - 1050 West Pender Street  
 Vancouver, B.C. V6E 3S7

OPERATOR(S) (that is, Company paying for the work)  
 (1) BHP-Utah Mines Ltd. (2)

MAILING ADDRESS  
 #1600 - 1050 West Pender Street  
 Vancouver, B.C. V6E 3S7

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Lower to Middle Jurassic Hazelton Group sediments and volcanics have been intruded by Upper Jurassic to Cretaceous felsic to intermediate granitoids. Bedding strikes northwest and has shallow dips to the west. Sulphides are concentrated in hornfelsed Hazelton Group rocks and carry anomalous values in Ag, Au, Pb, and Cu. No economic deposits have been found to date.

REFERENCES TO PREVIOUS WORK New showing.





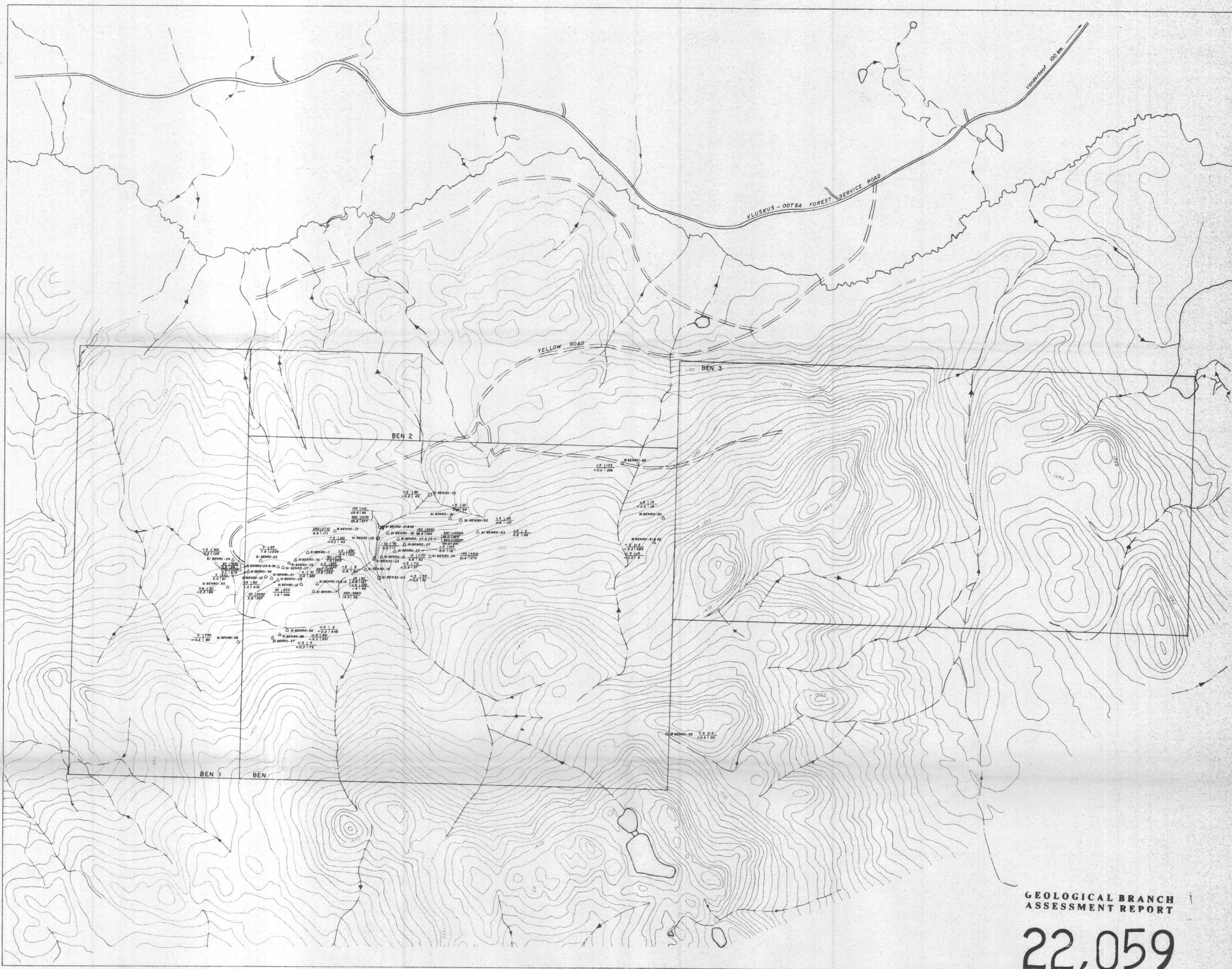
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

22,059

MAP - 1

LEGEND			
1	Basalt		Outcrop
2	Andesite a) flow b) tuff		Bedding
3	Dacite a) flow b) tuff		Foliation
4	Rhyolite a) flow b) tuff		Small Outcrop
5	Sediments a) argillite b) siltstone c) chert pebble conglomerate		Geologic Contact
6	Granodiorite, granite b) diorite		
7	Monzonite		
8	Dykes a) hornblende porphyritic granite b) quartz feldspar porphyry		


		BHP-UTAH MINES LTD. EXPLORATION DEPARTMENT VANCOUVER, BRITISH COLUMBIA	
		BEN PROPERTY	
		GEOLOGY	
NIS Ref	93 F/7	Work By	T. Pollock, A.N. & S.P.
Drawn By	T. DREWS	Drawn By	
Date	Oct. 1991	Date	
SCALE		1:10,000	
		REVISIONS	



GEOLOGICAL BRANCH  
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22,059

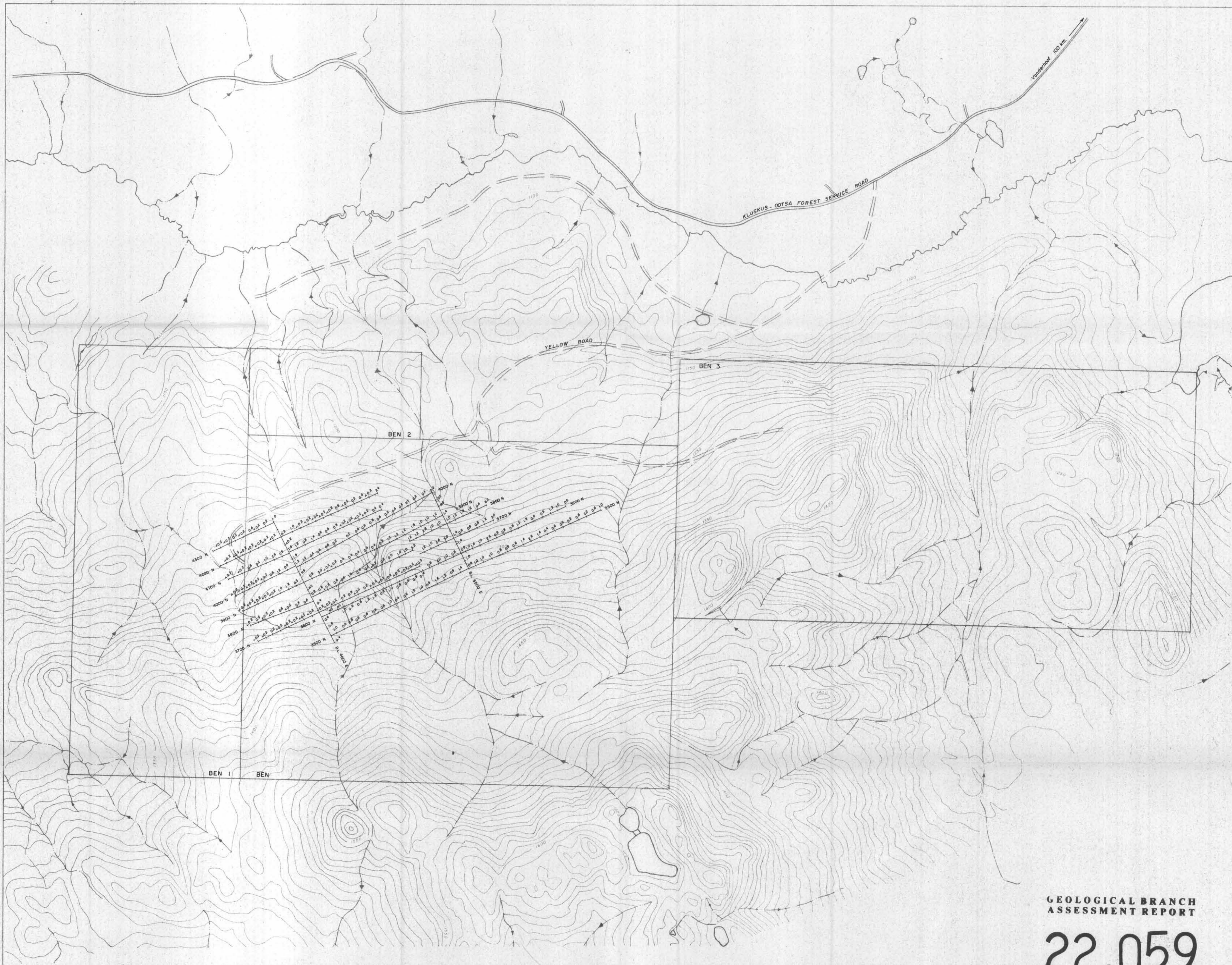
MAP - 2

 <b>BHP-UTAH MINES LTD.</b> EXPLORATION DEPARTMENT VANCOUVER, BRITISH COLUMBIA	
BEN PROPERTY	
SAMPLE LOCATIONS & GEOCHEMISTRY	
0 100 200 300 400 500 600 700 METRES	
NTS Ref. : 93 F/7	REVISIONS
Work By : T. Pollock, A.N. & S.P.	Work By :
Drawn By : T. DREWS	Drawn By :
Date : Oct 1998	Date :
SCALE 1:10,000	

LEGEND

- △ Rock Sample
- Silt Sample


Au ppb | As ppm  
Ag ppm | Cu ppm

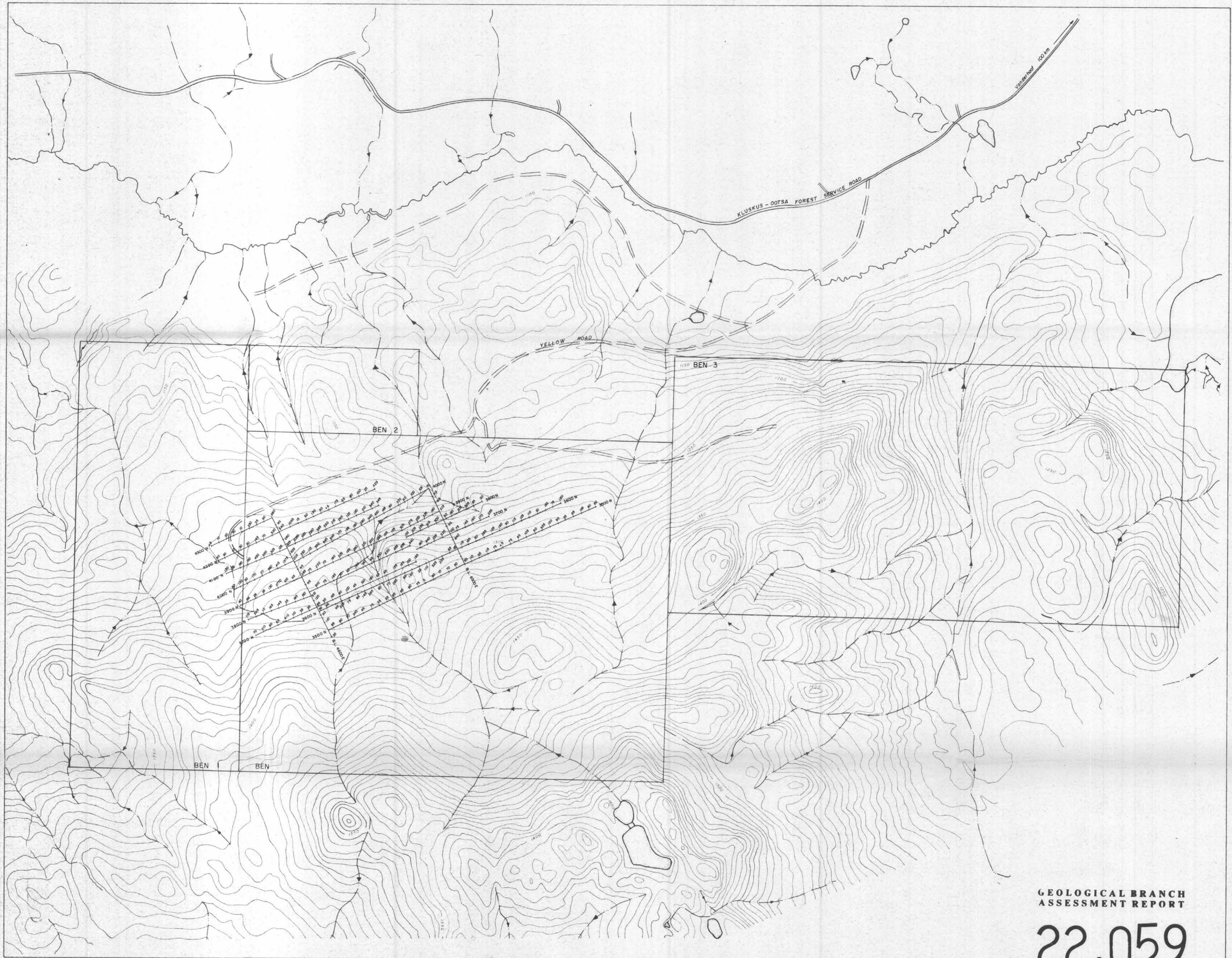


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MAP - 3

LEGEND  
+\*\* Soil Sample Location  
With Ag ppm

 <b>BHP-UTAH MINES LTD.</b>	
EXPLORATION DEPARTMENT VAN COUVER, BRITISH COLUMBIA	
BEN PROPERTY	
<b>SOIL GEOCHEMISTRY - (Ag)</b>	
0 100 200 300 400 500 600 700 METRES	
NSI Ref: 93 F/7	REVISIONS:
Work By: T. Pollock, A.N. & SP	Drawn By:
Drawn By: T. DREWS	Date:
Date: Oct. 1991	SCALE: 1:10,000



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**22,059**  
MAP - 4

**BHP-UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER, BRITISH COLUMBIA

BEN PROPERTY

**SOIL GEOCHEMISTRY - (As)**

0 100 200 300 400 500 600 700  
METRES

NTS Ref. : 93 F/7	REVISIONS
Work By : T. Pollock, A.N. & S.P.	Work By :
Drawn By : T. DREWS	Drawn By :
Date : Oct 1991	Date :
SCALE 1:10,000	

LEGEND  
+<sup>As</sup> Soil Sample Location  
With As ppm