

GEOCHEMICAL REPORT on the  
"COMIN THROU BEAR" Property  
Black Stuart Mountain, B.C.  
Cariboo Mining Division

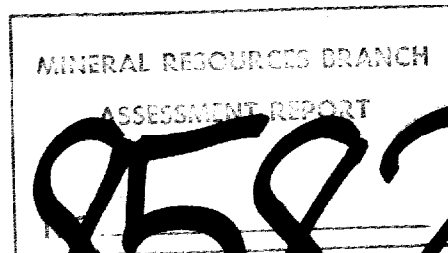
Claims: Me, Tom, You, Alex, Ma, Pa  
Stu I, Stu II, Stu III, Stu IV and Stu V

NTS: 93 A/14E

Latitude: 52°53'  
Longitude: 121°06'

Owners: Mr. Brian Elliott  
Ms. Heather Scudder  
6593 Dallas Drive  
Kamloops, B.C.  
Y2C 4X6

Operator: Teck Explorations Limited  
1199 West Hastings Street  
Vancouver, B.C.  
V6E 2K5



By: Gudmund Lovang

December 1980



## INTRODUCTION

The Comin Throu Bear property was staked in 1979 by Mr. B. Elliott and Ms. H. Scudder of Kamloops, B.C. to cover an area of anomalously zinc rich stream sediments in and around Black Stuart Mountain in the Cariboo Mountains of south central B.C. The prospecting venture was financed in part by the B.C. Government Prospector's Assistant Grant. The claims were optioned by Teck Explorations in the spring of 1980.

Geochemical and geological surveys were carried out by Teck Explorations in an effort to evaluate the anomalous stream sediment data. Strataform Pb-Zn-Ag-Ba mineralization was located at the top of the Mural Limestone Formation. The mineralized zone was superficially explored by hand trenching near the end of the field season.

The results of the 1980 program are discussed in the pages that follow.

### Location

The "Comin Throu Bear" property is centred approximately 43km northeast of Likely, B.C., on and in the vicinity of Black Stuart Mountain. Black Stuart Mountain is located on the western margin of the rugged Cariboo Mountain Range (Figure 1).

The terrain on the property is moderately rugged with elevation ranging from 900 to 2,000 meters.

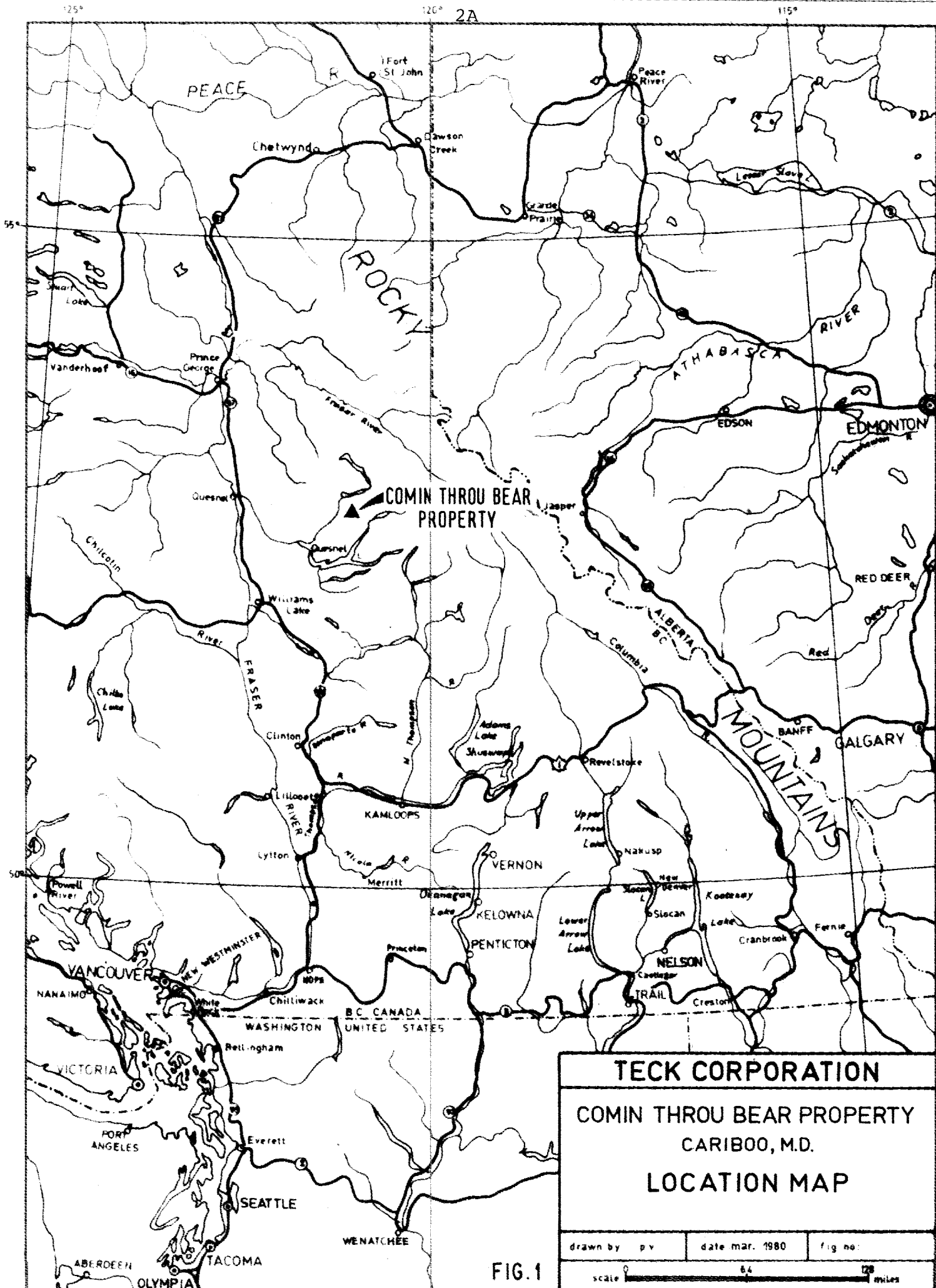
Geographical co-ordinates are 52°53' north latitude; 121°06' west longitude. The NTS designation is 93 A/14E.

The timber-line is approximately 1,800 meters above sea level at present. A forest fire in the early 1950's destroyed the growth of alpine spruce above this level. Very few signs of re-vegetation are evident. Below this level the alpine spruce give way to hemlock and small stands of cedar. Fir and spruce occupy the lower levels. Dense growths of buck-brush cover the entire area below timber-line and will reach a height of 2 meters or more on the north and northeastern slopes.

Wildlife is present in the form of grizzly bears, black bears, moose, cariboo, deer, wolverine and a variety of smaller animals. The large bear population on the property is in part attributed to the plentiful growth of wild potatoes and large numbers of marmots.

### Access

Access to the property is provided by helicopter from either Williams Lake or Quesnel. The distance from either point is approximately 100km.



**TECK CORPORATION**  
**COMIN THROU BEAR PROPERTY**  
**CARIBOO, M.D.**  
**LOCATION MAP**

drawn by pv      date mar. 1980      fig no:  
 scale 0 64 128 miles

FIG. 1

The nearest logging road is located some 10 to 12km to the east of the property. From here, an active horsetrail leads in to the eastern boundary of the property.

Property

The property consists of the following contiguous claim groups, all located in the Cariboo Mining District (see Figure 2).

"Comin Throu Bear N<sup>o</sup> 1" Group

<u>Claim</u>	<u>Record No.</u>	<u>Tag No.</u>	<u>Units</u>
Alex Mineral Claim	1208(9)	45493	(18 units)
Tom Mineral Claim	1209(9)	45491	( 9 units)

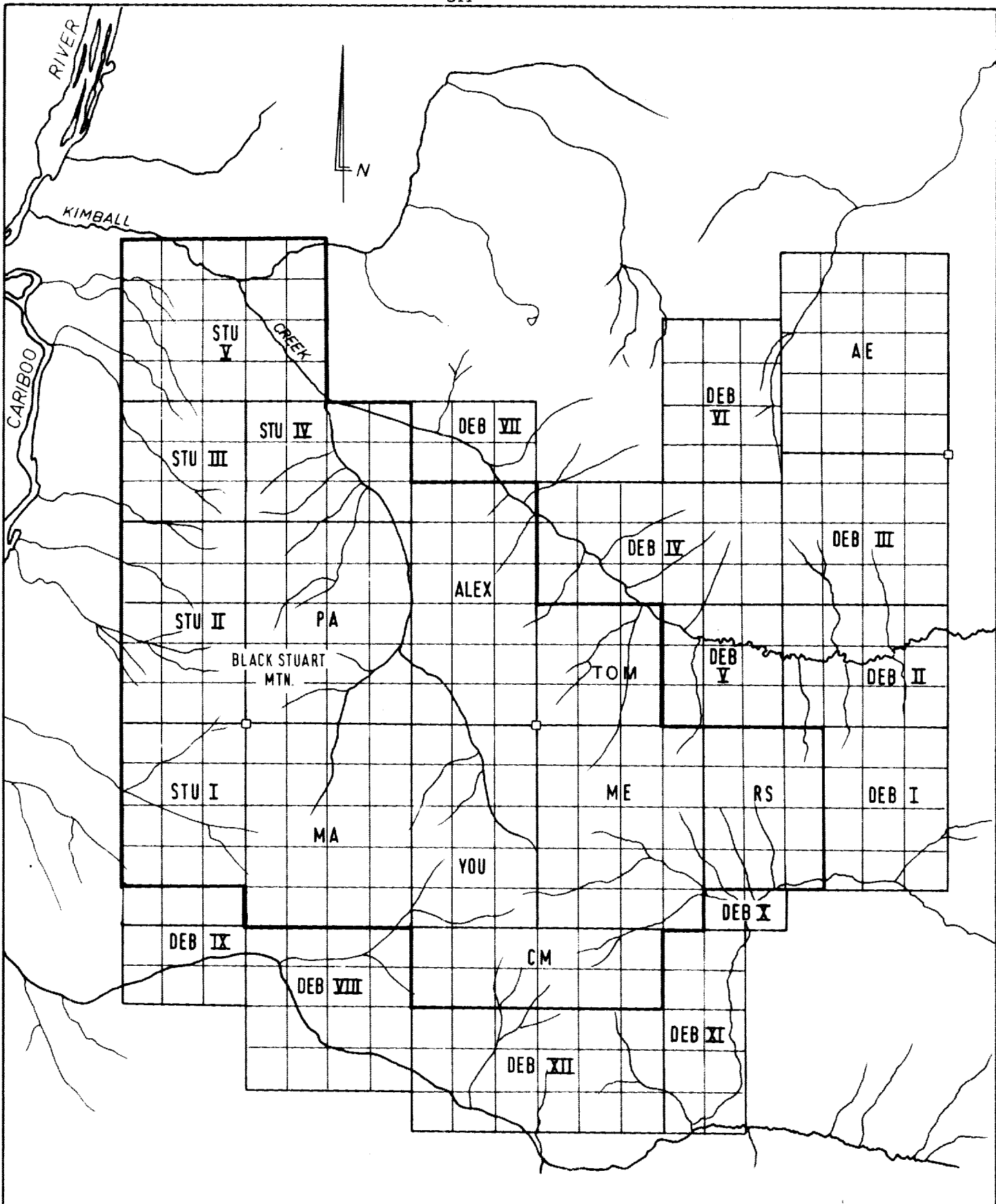
"Comin Throu Bear N<sup>o</sup> 2" Group

<u>Claim</u>	<u>Record No.</u>	<u>Tag No.</u>	<u>Units</u>
Ma Mineral Claim	1287(10)	45494	(20 units)
Pa Mineral Claim	1288(10)	45495	(20 units)
You Mineral Claim	1289(10)	45492	(15 units)
Me Mineral Claim	1290(10)	32528	(20 units)
CM Mineral Claim	1963(9)	56734	(12 units)
RS Mineral Claim	1964(9)	56735	(12 units)

"Comin Throu Bear N<sup>o</sup> 3" Group

<u>Claim</u>	<u>Record No.</u>	<u>Tag No.</u>	<u>Units</u>
Stu I Mineral Claim	1701(5)	45498	(12 units)
Stu II Mineral Claim	1702(5)	45497	(15 units)
Stu III Mineral Claim	1703(5)	47823	( 9 units)
Stu IV Mineral Claim	1704(5)	47824	(12 units)
Stu V Mineral Claim	1705(5)	58373	(20 units)

The original property comprising the Ma, Pa, You, Me, Tom and Alex claims were staked by Mr. Bryan Elliott and Ms. Heather Scudder in September/October of 1979 and later optioned to Teck Explorations Limited. In March of 1980, additional claims were acquired with the location of the Stu I to Stu V claims.



TECK CORPORATION VANCOUVER B.C.			
COMIN' THRU BEAR PROPERTY BLACK STUART MOUNTAIN CARIBOO M.D., B.C.			
CLAIM MAP			
0 600 1200 1800 2400 M			
DATE: OCT. 1980	JOB NO: 1266	FIG. NO	

FIG. 2

The CM and RS claims were staked in September of 1980. All are subject to an option agreement with the vendors.

### History

No evidence of previous staking or any kind of work can be found on the claims or in published reports. This is with the exception of placer mining at the confluence of Andersen Creek and Kimball Creek\*.

### Summary of Work Done

The purpose of the present program was to investigate anomalous zinc found in a stream sediment survey carried out by Mr. Elliott in 1979. The geochemical program described in this report was carried out by Teck Explorations Limited personnel. Dr. H.J. Greenwood was engaged to carry out the geological mapping program. His report is attached as an appendix to this report (see Appendix I).

A geochemical soil, stream sediment and rock-chip sampling program was initiated to survey the area underlain by the Black Stuart Formation within the property boundaries. Anomalous areas were partially explored by the hand trenching.

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\*Reference M.M.A.R. 1875, pg. 10; 1927, pg. 168; 1930, pg. 165



TECHNICAL DATA AND INTERPRETATION

a) Soil Geochemistry

A widely spaced grid was established with an east-west cut baseline of 8km in length. Flagged north-south lines by chain and compass were spaced 500 meters apart. Fill-in lines were added in anomalous areas in the eastern part of the property.

1747 soil samples were collected at 50 meter intervals along a total length of 86 line-km. The samples were collected using 3 lb mattocks to dig holes to a depth of 15 to 30cm.

The material collected, in most cases, was from the B-horizon with some samples from the C-horizon at the higher elevations. There were a limited number of samples in talus debris where no soil is developed.

There appears to be no glacial till on the property and as a consequence the overburden is shallow. Depth to bedrock at the base of the talus slopes, however, may be deep.

b) Stream Sediment Geochemistry

A total of 211 stream sediment samples were collected within the property boundaries. A further 32 samples were collected from outside the boundaries from streams draining the property.

In most cases, sufficient fine silt was present to obtain a large enough fraction for analyses after sieving to -80 mesh. Approximately six samples were too coarse and had to be pulverized. These samples are marked with a "P" on the

geochemical lab reports. A few samples collected from iron-rich seep zones are included in the stream samples.

c) Rock Geochemistry

Rock-chip samples were collected from 64 locations along lines crossing the stratigraphy. The procedure was to mark out a square of 1 meter and chip off small fragments within the square utilizing a geo-pick. Each sample had a weight of approximately 2kg.

d) Analyses

The soil and silt samples were placed in kraft paper bags and shipped to Acme Analytical Laboratories in Vancouver for Pb, Zn, Ag, Au and Ba analysis. Details of the analytical methods are in Appendix II.

Results of the geochemical survey are plotted on Figures 3, 4, 5 and 6.

e) Hand Trenching

Five hand trenches and several pits were dug using pick and shovel. All trenches were sampled in 2 meter sections along the length of the trench. Each sample had a weight of approximately 3kg. The samples were tagged and shipped to Acme Analytical Laboratories in Vancouver for Pb, Zn, Ag, Ba and Fe assays.

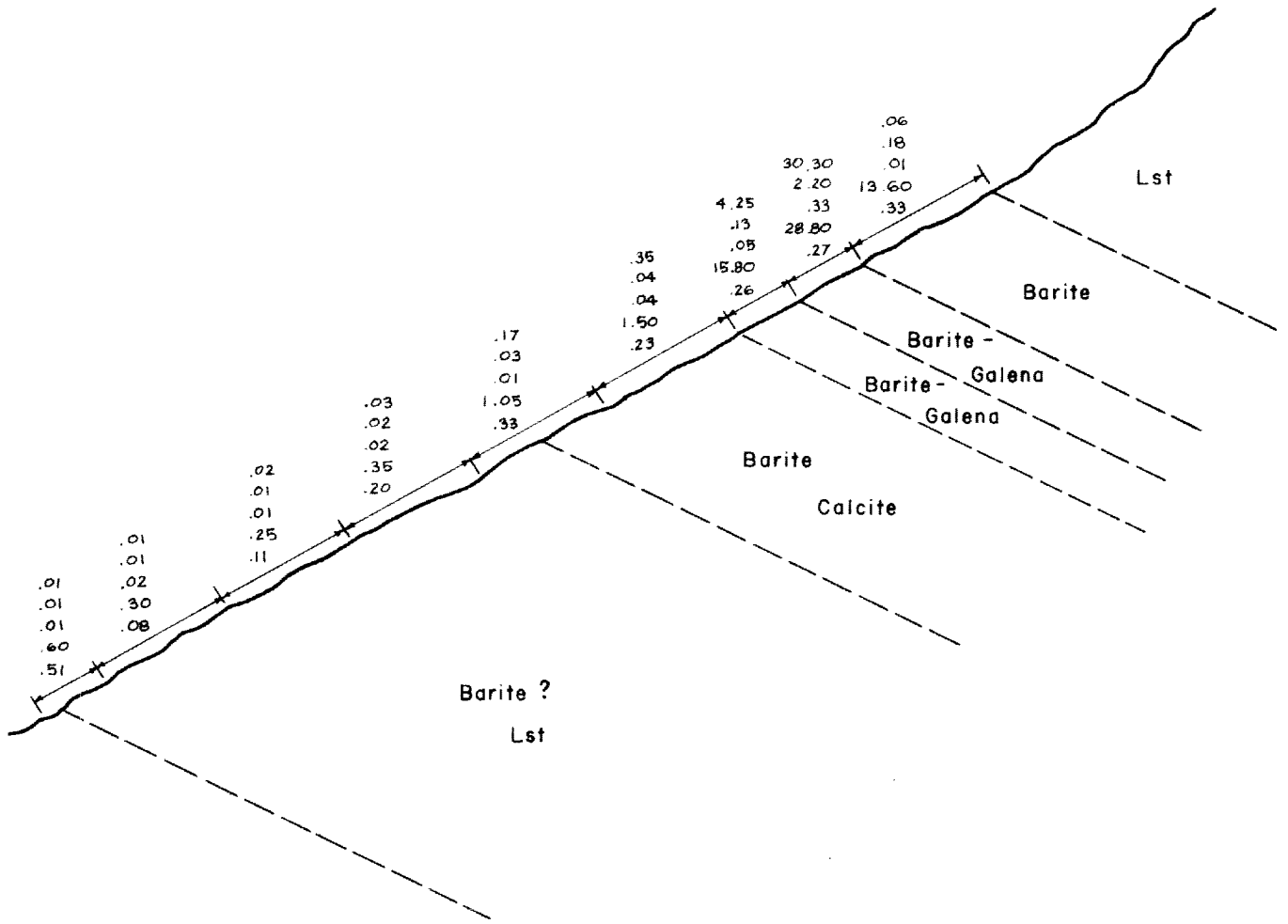
## DISCUSSIONS AND RESULTS

Fill-in and resampling of stream sediments sampling verified the results of the prior sampling by B. Elliot. All streams originating within the Black Stuart Formation are anomalous in zinc. Almost all anomalous streams can be related to "paint pots" or zinc rich seeps (to a peak of 16,000ppm Zn) at the head waters of each anomalous creek. Figure 5 shows the stream sediment sampling data.

Streams originating below the Black Stuart Formation are associated with neither "paint pots" nor anomalous zinc values. This led to the conclusion that a zinc rich horizon probably occurred within the Black Stuart Formation. The soil and rock geochemical survey was designed to traverse, with wide spaced lines, the entire section of the presumed host formation. The results of these surveys are shown on Figures 3, 4 and 6.

For practical purposes the results of the geochemical survey were negative within the Black Stuart Formation rocks. Anomalous values in silver, lead, zinc and barium did occur along the contact of the Yankee Belle and Mural Limestone. Off-sets in the geochemical anomalies correspond to mapped fault off-sets (see Appendix I "Geology of the Teck Corp Prospect 'Comin Throu Bear' at Black Stuart Mountain, Cariboo Mountains" by Dr. H.J. Greenwood).

The source of the anomalous values appeared to be strataform. Pb-Zn-Ag-Ba mineralization was interpreted to be (and subsequently verified) at the top of the Mural Limestone. Anomalous values extend for approximately 2,000 meters along the trace of the upper contact. This would also explain the observed anomalous stream sediment data and occurrence of "paint pots" in the stratigraphically higher Black Stuart Formation.



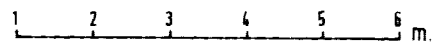
ASSAY ORDER

- Pb } %
- Zn } %
- Ag - oz/ton
- Ba } %
- Fe } %

TRENCH 1

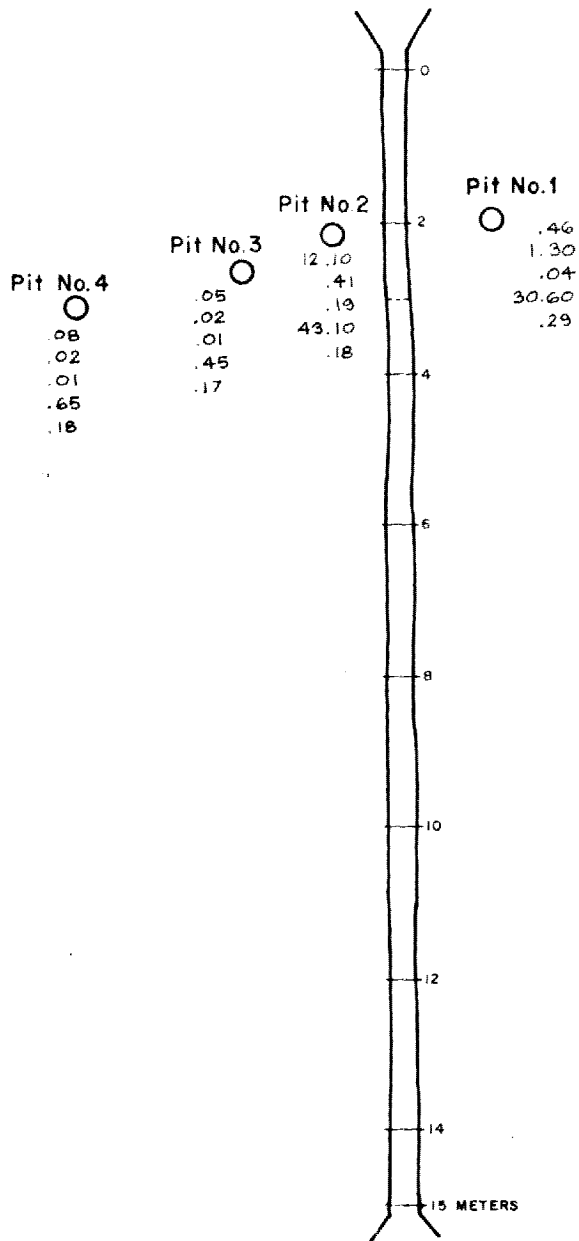
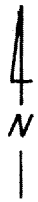
COMIN THRU BEAR PROPERTY

CARIBOO M.D., B.C.



DATE: NOV. 1980

JOB N° : 1266



ASSAY ORDER

Pb } %  
 Zn } %  
 Ag - oz/ton  
 Ba } %  
 Fe } %

PLAN  
TRENCH 1

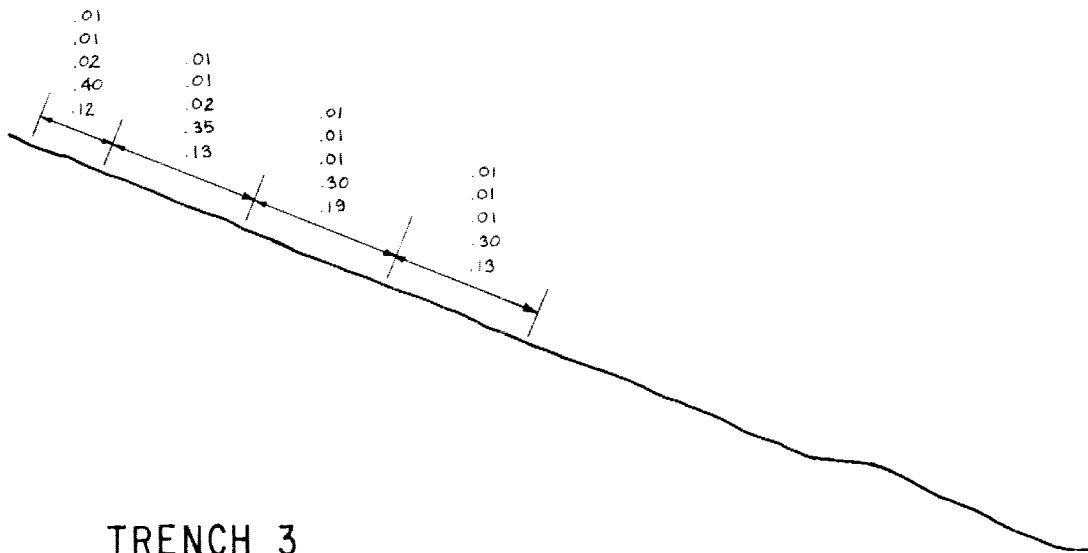
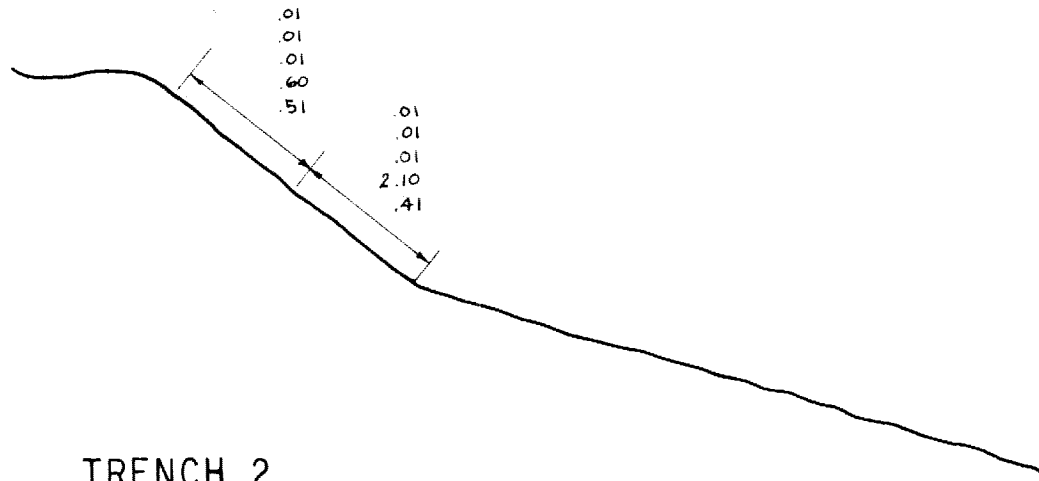
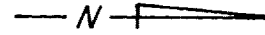
COMIN THRU BEAR PROPERTY

CARIBOO M.D., B.C.



DATE: NOV. 1980

JOB N° : 1266



ASSAY ORDER

Pb } %  
 Zn } %  
 Ag - oz/ton  
 Ba } %  
 Fe } %

TRENCH 2 & 3

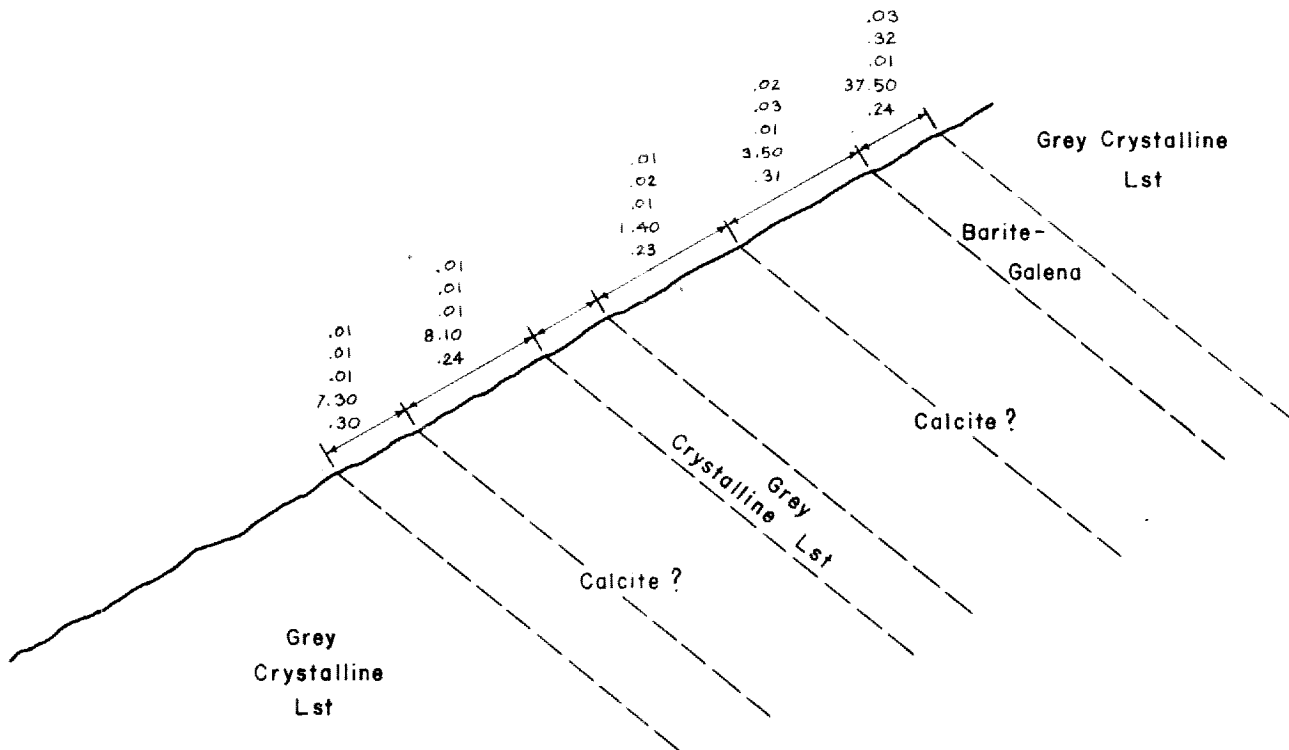
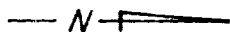
COMIN THRU BEAR PROPERTY

CARIBOO M.D., B.C.



DATE: NOV. 1980

JOB Nº : 1266



ASSAY ORDER

Pb } %  
 Zn } %  
 Ag - oz/ton  
 Ba } %  
 Fe } %

TRENCH 4

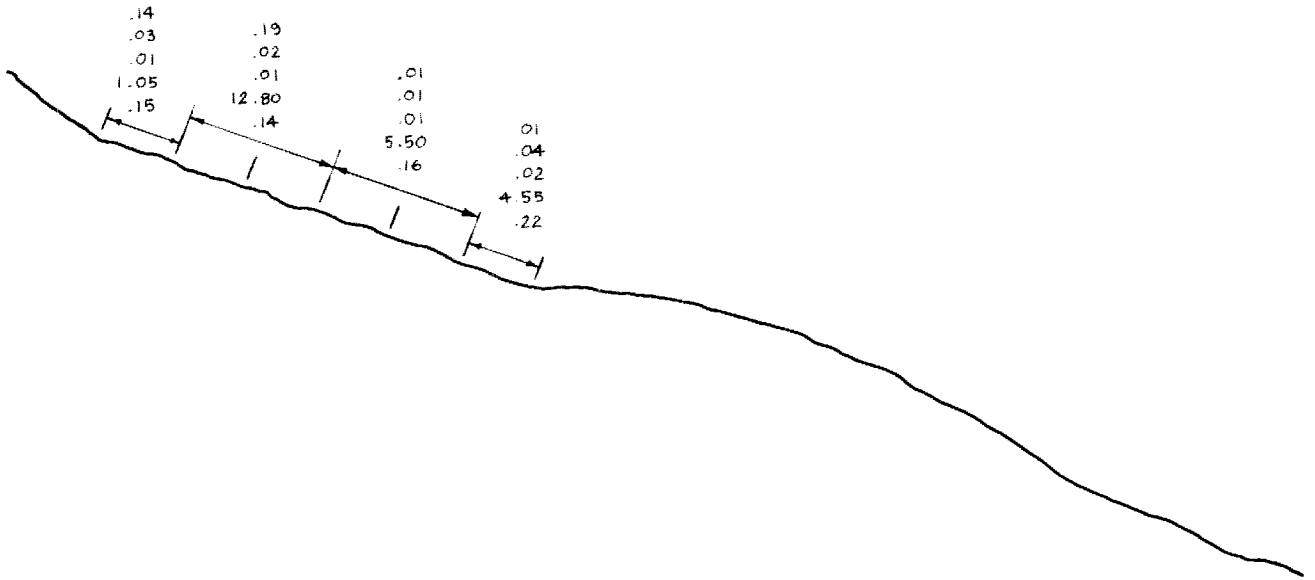
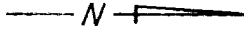
COMIN THROU BEAR PROPERTY

CARIBOO M.D., B.C.



DATE: NOV. 1980

JOB Nº : 1266

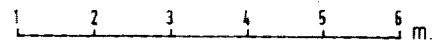


ASSAY ORDER

Pb } %  
 Zn } %  
 Ag - oz/ton  
 Ba } %  
 Fe } %

TRENCH 5  
 COMIN THROU BEAR PROPERTY

CARIBOO M.D., B.C.



DATE: NOV. 1980

JOB N° : 1266



A program of hand trenching and pitting was initiated in areas of local barite float where overburden was thought to be minimal. A total of 5 trenches aggregating 41 meters and several pits were excavated (see Figure 6). Pb-Zn-Ba mineralization was exposed in 2 locations. The results of trench and pit sampling are shown in Figure 7 to 11 and the highlights tabulated below:

<u>Trench</u>	<u>From</u>	<u>To</u>	<u>Width</u>	<u>%Pb</u>	<u>%Zn</u>	<u>Ag oz/ton</u>	<u>%Ba</u>
1	2m	3m	1m	30.30	2.20	.33	28.80
1	3m	4m	1m	4.25	.13	.05	15.80
Pit #2				12.10	.41	.19	43.10
<u>Grab Samples</u>							
Showing L-17+50-W 41N				9.85	21.10	0.94	N.A.
Showing L-17+50-W 39N				0.16	6.15	0.06	N.A.

CONCLUSIONS

Anomalous zinc values are found in stream sediments, but only in those streams originating stratigraphically above the Mural Limestone and Yankee Belle contact. Pb-Zn-Ag-Ba mineralization at this contact can explain all the observed geochemical results. Mineralization at this location has been verified by hand trenching. The economic significance of the mineralization is not known at the present time. A program of further technical surveys, trenching and/or drilling would be required to evaluate the prospect.



G. Lovang, Prospector

ITEMIZED COST STATEMENT

"Comin Throu Bear"

"Comin Throu Bear No 1" Group

Dr. H.J. Greenwood - Geological Mapping July 11th 1 day at \$350/day	\$ 350.00
G. Lovang - Geochem Survey July 6th to July 9th September 8th to September 11th 8 days at \$111.94/day	895.52
R. Schneider - Geochem Survey September 4th to September 11th 8 days at \$100/day	800.00
Geochem Analyses: All samples analyzed for Pb-Zn-Ag-Ba 120 soil samples <u>30</u> silt samples 150 samples at \$8.02 per sample	1,203.00
Living Expenses \$15/man/day 17 man days at \$15/day	255.00
Helicopter Charges (Okanagan Helicopters, Williams Lake)	500.00
	<u>\$4,003.52</u> =====

"Comin Throu Bear N<sup>o</sup> 2" Group

W. Meyer - Supervision/Examination September 8th and September 30th 2 days at \$350/day	\$ 700.00
Dr. H.J. Greenwood - Geological Mapping July 12th to July 14th August 26th to August 29th 7 days at \$350/day	2,450.00
G. Lovang - Geochem Survey July 10th to July 28th September 23rd to October 5th 32 days at \$111.94/day	3,582.08
R. Schneider - Geochem Survey July 6th to July 28th September 2nd to September 3rd 25 days at \$100/day	2,500.00
C. Marlow - Geochem Survey July 6th to July 28th August 26th to August 29th 27 days at \$100/day	2,700.00
R. Duplessie - Geochem Survey July 6th to July 28th 23 days at \$55/day	1,265.00
F. Pelkey - Handtrenching September 23rd to October 5th 13 days at \$55/day	715.00
	<hr/>
	\$13,912.08
	=====

Geochem Analyses		\$13,912.08
All samples analyzed for Pb-Zn-Ag-Ba		
1371 Soil samples		
<u>140 Silt samples</u>		
1511 Samples at \$8.02/sample		12,118.22
Rock Assays		
Samples assayed for Pb-Zn-Ag-Ba-Fe		
40 samples at \$25.00/sample		1,000.00
Living Expenses		
\$15.00/man/day		
129 man days at \$15.00/day		1,935.00
Helicopter Charges (Okanagan Helicopters, Williams Lake)		14,500.00
Preparation of Reports and Drafting		
Dr. H.J. Greenwood, 3 days at \$350.00/day		1,050.00
G. Lovang, 10 days at \$111.94/day		1,119.40
Drafting of maps		1,294.85
Telephone and Telex		47.64
Travel and Transport (Plane tickets, Motels, Vehicles)		3,000.00
Maps and Prints		174.97
		<hr/>
		\$50,152.16
		=====
Submitted for work done July 6th to October 5th, 1980	\$30,000.00	
Application for work done October 22nd to December 15th, 1980	20,152.16	
	<hr/>	
	\$50,152.16	
	=====	

"Comin Throu Bear No 3" Group

G. Lovang - Geochem Survey  
August 26th to September 7th  
13 days at \$111.94/day \$1,455.22

R. Schneider - Geochem Survey  
August 26th to September 1st  
7 days at \$100/day 700.00

Geochem Analyses:

All samples analyzed for Pb-Zn-Ag-Ba  
276 soil samples  
73 silt samples  
349 samples at \$8.02/sample 2,798.98

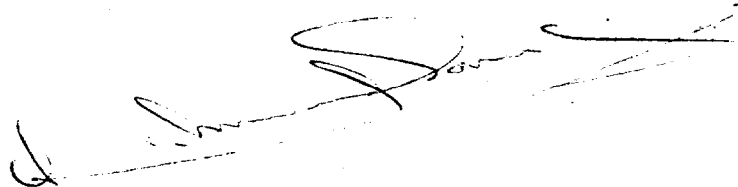
Living Expenses:

\$15/man/day  
20 man days at \$15/day 300.00

Helicopter charges (Okanagan Helicopters, Williams Lake) 2,000.00  
\$7,254.20  
=====

STATEMENT OF QUALIFICATION  
of  
GUDMUND LOVANG  
1132 Semlin Drive, Vancouver, B.C.

- 1970 - 1980: Mineral Exploration and Prospecting  
in British Columbia, Yukon, North  
West Territories and Western United  
States for Teck Corporation and  
associated companies.
- 1974: Geophysical Course  
British Columbia Institute of  
Technology, Vancouver, B.C.
- 1973 - 1974: Geology Course  
British Columbia Institute of  
Technology, Vancouver, B.C.  
"General Interest Geology".
- 1973: Prospecting Course  
British Columbia Institute of  
Technology, Vancouver, B.C.  
"Introduction to Geology and Prospecting"



G. Lovang, Prospector

APPENDIX I

"Geology of the Teck Corp Prospect  
'Comin Throu Bear'  
at Black Stuart Mountain, Cariboo Mountains"

by Dr. H.J. Greenwood

GEOLOGY  
OF THE  
TECK CORPORATION PROSPECT  
"COMIN' THRU BEAR"  
at  
BLACK STUART MOUNTAIN, CARIBOO MOUNTAINS  
British Columbia

by

H.J. Greenwood, P.Eng.

29th September, 1980.

6 pages of text, one map, and one geological cross-section at scale of  
1:10000.



## SUMMARY

The south-east part of the Black Stuart syncline has been mapped and the structure confirmed to be a simple open recumbent syncline above the base of the Mural Formation. Below this, across a thrust fault or "tectonic slide" lies the isoclinally interfolded Yankee Belle and Cunningham Formations.

Little mineralization of economic interest was seen, although rusty-weathering pyritic zones are conspicuous in the gabbro sills in the Black Stuart slates. Galena and barite occur in the Mural Formation and in the basal breccia unit of the Black Stuart Formation, and if additional exposures of these minerals can be found it should be possible to predict their extension on the basis of the mapped geology. The numerous cross-faults might be examined where they intersect the Mural and the breccia as possible locii of concentrations.

## SCOPE OF THE INVESTIGATION

A total of seven days were spent during July and August 1980 mapping geological formations on topographic base maps at a scale of 1:10000. The writer stayed during the work at field camps belonging to Teck Corp, which were under the supervision of Mr. Bing Lovang. During the working periods the weather was mainly wet and cold with occasional sun and occasional snow.

The field work was followed by analysis of the structural data and examination of thin sections of selected specimens.

## STRATIGRAPHY

The stratigraphy above the base of the Mural Limestone was found to be essentially as described by Struik (written communication, March, 1978) and may be briefly described as follows, from the top down.

### Black Stuart Formation

This section of Lower Ordovician black slate with minor quartzite and pillow-lava was named "Midas Formation" by Sutherland-Brown and the name was retained by Campbell (1961) and Mansy and Campbell (1970). Struik proposes to re-name the formation as the Black Stuart Formation and to use the term "Midas" for a thinner green and purple pelitic unit immediately below the Mural limestone. The usage of Struik is followed here. At the base of the Black Stuart Formation is a breccia unit composed of chert and dolostone fragments, quartz veins, and in some places, cobbles of dolostone. The breccia unit is dominantly chert at the southwest end of the area mapped, but becomes dominantly dolostone toward the north.

### Dome Creek Formation

The Dome Creek Formation is a thin discontinuous unit of dark gray shale and slate lying between the basal breccia unit of the Black Stuart Formation and the top of the Lower Cambrian Mural formation.

### Mural Formation

The Mural Formation is a dark gray to light gray limestone unit having variable amounts dolomite, occurrences of barite, and a few occurrences of galena. Parts of the Mural limestone are fossiliferous, proving it to be of Lower Cambrian age. A fossil locality within the map area contains poorly preserved archaeocyathids and small brachiopods which are consistent with its Lower Cambrian Age. (Mansy and Campbell, 1970).

### Yankee Belle Formation

The Yankee Belle Formation, consisting of brown-weathering green phyllites with scattered carbonate lenses, lies structurally below the Mural Formation. In the map area described here, the transition from Mural Formation to Yankee Belle Formation is not stratigraphic, but tectonic. This has been deduced on the following bases. First, the Yanks Peak quartzite, which should appear somewhere between the Mural and Cunningham Formations, is not found in the area. Secondly, the Yankee Belle and Cunningham Formations have been isoclinally folded before having been involved in the open folding that affected all of the overlying Black Stuart Formation. Thus the contrast in structural styles requires that either the Mural unconformably overlies the Yankee Belle, or that the transition be a fault.

Normal faulting has further complicated the distribution of rock-units. Most of the later normal faults can be demonstrated to trend roughly east-west, to dip steeply, and to have considerable displacement with the south side down. The largest of these occurs in the southern part of the area mapped and has a vertical displacement of approximately one kilometer, south side down, repeating the Mural - Breccia section in the south part of the area.

#### MINERALIZATION

Sparse occurrences of sulfide minerals were noted during the course of the mapping. The most conspicuous sulfide zones are the rusty weathering of disseminated pyrite in the gabbroic sills in the south-west portion of the Black Stuart slates. Here the gabbroic rocks are associated with stockworks of quartz veins and pyrite, but no sulfides of economic interest were seen.

The RID and TARN showings consist of small pods and veins of galena associated with brecciated Mural Formation and quartz stockworks in the basal carbonate-rich breccia of the Black Stuart Formation. Other occurrences of galena have been reported by Teck prospecting teams, all of which appear to follow the central to lower portion of the Mural limestone. It is of interest that the Mural Formation carries barite, both massive and distributed through the rocks, as found by examination of thin sections. These occurrences are shown on the accompanying geological map.

#### ECONOMIC PROSPECTS

The absence of obvious exposures of sulfides in economic quantities makes the prospect of finding an economic deposit seem rather slim. Only pyrite was seen in the gabbroic sills in the Black Stuart

The Cunningham Formation

The Cunningham Formation in the area mapped consists of white to gray marble isoclinally interfolded with rocks of the Yankee Belle Formation. It is not clear on the basis of the present study either how thick the Cunningham Formation is at this point, nor even if it is a single unit. It is clear, however, that highly attenuated folds of the marble unit belong to a period of deformation that pre-dates the formation of the large Black Stuart Syncline.

STRUCTURE

The structure of the Black Stuart Syncline is essentially as described by Sutherland-Brown (1963), Mansy and Campbell (1970), and by Struik (written communication, March 1978), at least above the base of the Mural Formation. In this upper section a large open syncline with axial plane dipping 40° to 50° north-east and hinge plunging at 30° to north-west is clearly outlined by the major rock units and supported in detail by numerous minor structures. These structures include axial plan foliation, bedding-cleavage relationships, and the sense of vergence of minor folds. A very strong penetrative lineation has been developed parallel to the intersection of bedding with axial plane foliation.

Below the base of the Mural Formation, however, the structure becomes much more complex, with refolded isoclinal folds being present, and the open folds of the upper part of the section being reflected in open folds of the earlier axial planes. The contrasting structural styles and missing parts of the section indicate the existence of a large tectonic displacement, which has been labelled on the geological cross-section as the "Boundary Fault".

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Slates and only isolated occurrences of galena have been found in the Breccia unit and the Mural Formation.

Nevertheless, the existence of barite in the Mural Formation is encouraging, and the discovery by geochemical prospecting<sup>of</sup> hydrozincite in calcareous sinter makes the group of claims difficult to discard. The results of geological mapping suggest that the Black Stuart slates (the 'Midas' of Sutherland-Brown) are of little interest and should receive no more attention. It also seems clear that if more surface exposure of Pb-Zn can be found in the near the Mural limestone, it may be worth continuing the exploratory work. Attention in this case should be focussed on the Mural limestone, the Basal breccia of the Black Stuart Formation, and possibly on the discontinuous black shale that lies between the breccia and the Mural Formation. It is also possible that intersections of these favourable rock units by the many faults might have favoured the formation of small ore-shoots, but no such deposits have been seen by the writer.

## REFERENCES

- Campbell, R.B., (1961). Quesnel Lake (West Half) British Columbia;  
Geol. Surv. Can., Map 3-1961.
- Mansy, J.L., and Campbell, R.B., (1970). Stratigraphy and Structure of  
the Black Stuart Synclinorium, Quesnel Lake map-area, British  
Columbia (93A): in Rept. of Activities, April to October, 1969,  
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- Struik, L.C., (1978). Written communication to H.J. Greenwood from L.C.  
Struik, based on Struik's PhD dissertation at the University  
of Calgary. The communication was written for submission to  
the Geol. Surv. Can. Rept. of Activities.

APPENDIX II

Geochemical Analysis Technique



ACME ANALYTICAL LABORATORIES LTD.  
852 E. Hastings St.,  
Vancouver, B.C. V6A 1R6  
Phone: 253-3158

Teck Explorations Ltd.,  
1100 - 1199 W. Hastings St.,  
Vancouver, B.C. V6E 2K5

### Geochemical Analysis of Pb, Zn and Ag\*

#### Sample preparation

Soil samples are dried at 75°C and sieved to -80 mesh.

Rock samples are ground to -100 mesh.

#### Digestion

A .50 gram sample is digested with dilute Aqua Regia in boiling water bath and diluted to 10 mls with demineralized water.

#### Determination

All the above elements are determined by Atomic Absorption from the solution.

\* With background correction.

### Geochemical Analysis of Au

#### Digestion and extraction

A 10 gram sample which has been ignited over night at 600°C is digested hot with dilute Aqua Regia, and the clear solution is extracted with Methyl Isobuthyl Ketone.

#### Determination

Au is determined by Graphite furnace AA from the MIBK extractant with background correction.

### Geochemical Analysis of Ba

A .100 gram sample is digested hot with NaOH and EDTA solution. The solution is analysis for Ba by AA.

APPENDIX III

Analyses and Assays



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

To: Teck Corporations Ltd.,  
11 Floor - 1199 W. Hastings,  
Vancouver, B.C.  
V6E 2K5

File No. 80-582

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

Project: Comin Throu Bear # 1266

1

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba			
L40W 21+50 N	62	540	.2	1	725			1
22	190	430	.4	2	200			2
22+50	480	3100	3.7	1	500			3
23	54	128	.1	6	185			4
23+50	39	24	.1	2	110			5
24	14	18	.1	2	155			6
24+50	10	40	1.6	5	490			7
25	5	10	.3	6	50			8
25+50	52	20	.1	4	120			9
26	38	184	.2	2	140			10
26+50	41	170	1.0	2	80			11
27	80	110	1.2	2	120			12
27+50	120	670	.8	5	640			13
28	35	124	.7	1	315			14
28+50	48	106	.1	2	1500			15
29	24	88	.1	3	350			16
29+50	18	74	.3	5	290			17
30	16	66	.2	5	270			18
30+50	26	62	1.2	2	125			19
31	15	30	.2	2	120			20
31+50	20	20	.1	2	90			21
32	24	370	.4	2	200			22
32+50	24	380	.2	1	200			23
33	11	60	1.3	4	100			24
33+50	35	148	.8	1	140			25
34	19	490	.1	1	70			26
34+50	7	20	.7	4	70			27
35	22	114	.2	1	230			28
35+50	15	70	.2	2	140			29
36	15	106	.5	1	140			30
36+50	13	270	.5	3	90			31
37	18	174	1.2	2	150			32
37+50	11	64	1.8	2	90			33
38	18	560	1.1	2	170			34
38+50	5	46	.1	1	70			35
39	4	48	.2	1	70			36
L40W 39+50 N	9	68	.2	3	75			37
								38
								39
								40

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DIGESTION:.....

DETERMINATION:.....

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ASSAYER Dean Toy

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-582

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba							
L40W 40 N	8	32	.6	2	60							1
40+50	16	44	.9	1	70							2
41	10	30	.1	2	40							3
41+50	15	37	.6	2	70							4
42	8	11	.8	2	55							5
42+50	13	40	.7	2	70							6
43	16	130	1.0	2	70							7
43+50	18	118	1.1	2	70							8
44	11	56	.9	2	130							9
44+50	22	64	1.7	2	80							10
45	13	56	3.2	2	70							11
45+50	12	86	.8	3	75							12
46	13	36	.1	2	80							13
46+50	11	34	.1	1	80							14
47	8	52	.1	1	110							15
47+50	8	64	.2	1	100							16
48	8	36	.2	2	135							17
48+50	14	116	.2	2	140							18
49	12	80	1.0	2	130							19
L40W 49+50 N	22	132	.8	1	165							20
												21
L45W 32 N	41	124	1.2	2	110							22
32+50	33	52	.1	1	165							23
33	22	84	.5	1	90							24
33+50	30	114	.4	2	130							25
34	24	54	.1	1	140							26
34+50	36	50	.2	1	270							27
35	34	116	.3	1	130							28
35+50	36	3300	1.6	6	430							29
36	26	2000	1.2	4	480							30
36+50	40	540	.7	2	255							31
37	27	88	.1	1	155							32
37+50	29	260	.6	3	165							33
38	20	255	.3	2	90							34
38+50	17	144	.9	2	100							35
39	32	270	.3	1	165							36
39+50	14	220	.4	2	145							37
L45W 40 N	18	148	.2	2	160							38
												39
												40

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Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-582

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

3

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba						
L45W 40+50 N	9	146	.1	2	75						1
41	11	250	.2	2	70						2
41+50	31	540	1.3	4	360						3
42	8	41	.1	2	140						4
42+50	21	180	.9	2	270						5
43	13	460	.5	4	110						6
43+50	17	230	1.3	28	120						7
44	12	188	.6	2	190						8
44+50	10	172	.2	40	300						9
45	14	350	.6	2	225						10
45+50	12	124	3.3	2	130						11
46	13	136	.5	2	120						12
46+50	14	140	1.4	3	175						13
47	23	200	1.3	3	240						14
47+50	30	220	2.5	4	120						15
48	17	136	2.2	1	170						16
48+50	23	125	.7	1	150						17
49	15	116	.6	2	130						18
L45W 49+50 N	17	136	.4	1	125						19
											20
L45W 50 N	18	96	1.2	1	160						21
50+50	15	128	.4	2	360						22
51	16	180	1.1	1	1000						23
51+50	16	116	3.2	4	290						24
52	12	62	.4	4	285						25
52+50	20	290	1.0	1	460						26
53	20	320	.6	2	375						27
53+50	15	174	.3	4	360						28
54	19	160	.6	4	220						29
54+50	18	158	.3	4	375						30
55	13	80	.1	4	190						31
55+50	15	134	.2	4	210						32
56	22	126	.2	1	1080						33
56+50	36	58	.1	2	4250						34
57	39	186	.1	2	2800						35
57+50	35	88	.1	1	9500						36
58	32	230	.2	2	680						37
L45W 58+50N	37	146	.1	2	540						38
											39
											40

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SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba															
L45W 59 N	20	240	.1	3	200															1
59+50	29	355	.7	3	2600															2
60	42	210	.4	2	2850															3
60+50	40	194	.1	4	2500															4
61	31	435	1.5	2	385															5
61+50	10	188	.1	1	110															6
62	4	58	.1	2	90															7
62+50	2	5	.2	2	80															8
63	8	43	.3	2	75															9
63+50	19	110	.3	1	160															10
64	2	9	.1	2	55															11
64+50	20	240	.4	2	345															12
65	31	120	.1	3	300															13
65+50	26	132	1.1	2	440															14
66	27	215	1.0	2	200															15
66+50	31	715	.4	1	120															16
67	50	164	.7	2	120															17
67+50	31	146	.3	2	110															18
68	27	122	1.1	2	540															19
68+50	54	130	.2	2	350															20
69	48	310	.3	4	295															21
69+50	49	280	.2	4	390															22
70	40	170	.5	2	220															23
70+50	N.S.																			24
71	N.S.																			25
71+50	N.S.																			26
L45W 72 N	N.S.																			27
L50W 35 N	17	142	1.6	10	75															28
35+50	16	170	.4	8	90															29
36	19	78	1.0	7	60															30
36+50	6	20	.6	15	70															31
37	10	30	.4	6	105															32
37+50	9	20	2.1	5	80															33
38	15	35	.5	16	120															34
38+50	7	19	.8	35	100															35
39	22	205	.8	33	210															36
L50W 39+50 N	21	235	.6	18	220															37
																				38
																				39
																				40

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ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
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To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-582

Type of Samples \_\_\_\_\_

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

5

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba								
L50W 40 N	16	96	.9	8	210								1
40+50	18	84	1.1	12	135								2
41	11	28	.3	12	90								3
41+50	7	10	1.1	4	100								4
42	15	40	.4	2	85								5
42+50	4	10	.1	4	70								6
43	14	36	1.7	3	110								7
43+50	24	174	.7	4	190								8
44	23	154	.4	6	110								9
44+50	22	194	1.8	2	865								10
45	14	100	.4	2	140								11
45+50	5	22	.3	2	50								12
46	39	38	.9	2	155								13
46+50	21	182	1.1	4	85								14
47	13	110	.1	2	70								15
47+50	20	210	2.1	1	165								16
48	5	38	.6	4	105								17
48+50	9	50	1.4	4	100								18
49	13	188	.6	2	135								19
49+50	19	112	4.8	4	155								20
50	16	1600	.8	6	490								21
50+50	15	50	1.2	1	120								22
51	13	70	1.3	4	120								23
51+50	7	88	.9	2	90								24
52	15	2500	.8	1	395								25
L50W 52+50 N	14	300	.5	1	305								26
													27
L50W 53 N	15	540	.4	1	830								28
53+50	13	100	.2	2	160								29
54	14	130	.2	2	330								30
54+50	12	90	.8	1	165								31
55	8	140	.9	2	105								32
55+50	15	180	.5	4	125								33
56	5	54	.2	2	170								34
56+50	18	25	1.2	2	220								35
57	11	110	.3	2	150								36
57+50	3	30	.4	1	130								37
L50W 58 N	6.	34	.2	4	130								38
													39
													40

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ASSAYER

*Dean Toye*  
DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-582

Type of Samples

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

6

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba						
L50W 58+50 N	4	20	.2	2	125						1
59	3	24	.1	2	70						2
59+50	5	145	.2	2	50						3
60	13	28	.2	1	240						4
60+50	15	44	.1	2	240						5
61	16	126	.5	2	415						6
61+50	17	118	.2	1	300						7
62	22	144	.5	2	250						8
62+50	36	225	.3	2	2675						9
63	35	58	.2	2	1600						10
63+50	64	50	.2	1	680						11
64	41	86	.1	1	1030						12
64+50	48	128	.2	2	455						13
L50W 65 N	24	98	.2	4	640						14
											15
L55W 39 N	20	86	1.0	10	170						16
39+50	24	126	1.0	4	170						17
40	21	166	.4	2	190						18
40+50	26	148	.3	2	475						19
41	31	420	.5	7	430						20
41+50	28	166	.6	4	240						21
42	18	92	.2	4	195						22
42+50	16	80	.8	11	120						23
43	10	20	.4	6	70						24
43+50	12	16	2.1	4	65						25
44	13	46	1.1	2	80						26
44+50	13	43	1.9	1	95						27
45	17	74	.7	6	90						28
45+50	12	35	.8	2	80						29
46	19	108	.8	6	170						30
46+50	21	88	.9	6	70						31
47	21	188	.8	10	110						32
47+50	8	34	.9	12	145						33
48	11	68	12.2	4	85						34
48+50	18	28	.2	96	225						35
49	26	54	1.9	6	140						36
49+50	25	66	2.9	6	170						37
L55W 50 N	23	104	.8	2	105						38
											39
											40

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

phone:253 - 3158

File No. 80-582

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

7

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba								
L55W 50+50 N	19	78	1.3	2	70								1
51	44	50	.9	2	80								2
51+50	35	162	1.3	2	120								3
52	33	114	1.6	8	120								4
52+50	48	146	1.4	4	120								5
53	38	100	2.4	4	140								6
53+50	23	82	.7	6	60								7
54	5	10	.7	3	20								8
54+50	22	92	2.2	4	90								9
55	17	60	.7	2	90								10
55+50	8	28	.1	2	20								11
56	28	48	3.7	8	100								12
56+50	13	88	1.9	2	200								13
57	15	192	.5	4	640								14
57+50	25	245	1.3	2	900								15
58	22	255	1.7	4	980								16
58+50	27	210	.6	1	580								17
59	23	205	.9	7	1080								18
59+50	35	180	.2	4	450								19
60	35	230	.8	3	1000								20
60+50	17	118	.5	4	540								21
61	16	290	.9	1	220								22
61+50	18	490	.2	2	880								23
62	16	114	.1	1	120								24
62+50	76	440	.5	2	1600								25
63	44	640	1.2	4	2600								26
63+50	19	270	.4	4	1050								27
64	46	265	.8	3	3500								28
64+50	45	158	.6	3	750								29
L55W 65 N	40	160	.8	3	1320								30
L60W 35 N	23	50	.2	1	100								32
35+50	11	36	.1	1	85								33
36	10	58	.1	2	60								34
36+50	3	12	1.1	2	40								35
37	17	84	2.0	6	95								36
37+50	26	172	1.5	8	90								37
L60W 38 N	17	88	.7	4	150								38
													39
													40

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 DETERMINATION:.....

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 ASSAYER *D. Toye*

DEAN TOYE, B.Sc.  
 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-582

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

8

SAMPLE No.	Pb	Zn	AG	PPb Au	Ba													
L60W 38+50 N	42	106	.8	4	195													1
39	21	52	.1	2	100													2
39+50	18	68	.7	4	200													3
40	8	38	.1	4	75													4
40+50	16	34	.1	3	85													5
41	10	22	.1	1	70													6
41+50	8	21	.1	4	55													7
42	9	14	.2	2	60													8
L60W 42+50 N	7	23	.1	2	50													9
																		10
L60W 43 N	11	50	.7	4	130													11
43+50	15	100	.4	2	430													12
44	14	43	1.8	4	95													13
44+50	11	32	.2	2	130													14
45	33	126	.8	8	210													15
45+50	19	43	1.0	16	85													16
46	11	31	.6	9	170													17
46+50	18	64	.4	4	190													18
47	20	170	.5	4	410													19
47+50	21	194	1.4	4	580													20
48	19	94	.4	2	420													21
48+50	21	102	.8	6	290													22
49	17	215	.3	8	570													23
49+50	22	250	2.5	6	620													24
50	20	375	1.1	7	260													25
50+50	6	44	.1	3	120													26
51	18	300	.8	2	670													27
51+50	20	100	.4	4	190													28
52	26	86	1.9	3	130													29
52+50	7	21	.5	5	65													30
53	4	23	.1	1	50													31
53+50	22	126	1.2	3	100													32
54	8	25	.2	2	85													33
54+50	18	142	.2	28	270													34
55	20	140	1.0	8	370													35
55+50	13	192	.2	4	330													36
56	23	160	.1	4	250													37
L60W 56+50 N	25	205	1.2	4	380													38
																		39
																		40

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Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba								
L60W 57 N	21	130	.4	13	225								1
57+50	20	138	.3	8	210								2
58	15	70	.1	4	60								3
58+50	12	76	.1	3	40								4
59	11	48	.1	2	35								5
59+50	10	42	.1	2	50								6
60	28	96	.1	2	70								7
60+50	13	70	.8	2	320								8
61	12	72	.1	2	65								9
61+50	10	64	.1	2	70								10
62	21	68	.3	2	120								11
62+50	15	88	.1	2	75								12
63	22	98	.2	2	45								13
63+50	25	108	.1	2	135								14
64	31	118	.2	2	220								15
64+50	50	230	.1	2	160								16
L60W 65 N	40	174	.1	2	110								17
													18
L65W 35 N	19	142	.4	2	60								19
35+50	18	240	.6	2	85								20
36	15	66	.8	3	80								21
36+50	27	200	.9	5	240								22
37	26	220	.8	2	165								23
37+50	30	260	1.0	2	180								24
38	25	215	.2	2	130								25
38+50	26	200	.6	2	170								26
39	27	180	.4	2	75								27
39+50	18	82	.9	2	40								28
40	20	146	.5	6	65								29
40+50	22	168	.7	6	90								30
41	20	250	.2	2	300								31
41+50	25	146	.5	2	200								32
42	25	220	.1	2	140								33
42+50	24	3000	.4	4	180								34
43	27	2200	.3	2	155								35
43+50	21	4300	1.9	6	180								36
44	28	2700	1.3	2	130								37
L65W 44+50 N	19	1000	.6	2	135								38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 16, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-582

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

10

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba								
L65N 45 N	24	5250	1.9	5	330								1
45+50	23	2000	.8	4	130								2
46	26	142	.5	4	80								3
46+50	19	58	.1	4	130								4
47	24	225	.4	2	100								5
47+50	38	415	2.3	4	80								6
48	23	126	.5	2	310								7
48+50	29	140	.6	12	305								8
49	29	150	1.4	2	430								9
49+50	27	106	.5	2	100								10
50	21	78	1.9	3	90								11
50+50	23	98	.5	4	145								12
51	15	58	.6	4	50								13
51+50	15	114	.6	2	50								14
52	9	30	.1	1	20								15
52+50	10	172	1.0	2	20								16
53	23	86	.6	4	100								17
53+50	26	184	1.8	4	375								18
54	26	130	.3	1	150								19
54+50	20	86	.3	2	90								20
55	25	116	1.0	4	490								21
55+50	26	160	1.7	4	390								22
56	20	82	.4	2	80								23
56+50	33	54	.1	5	145								24
57	44	140	.5	4	210								25
57+50	18	106	.1	2	70								26
L65W 58 N	27	305	.2	4	180								27
													28
L65W 58+50 N	20	108	.5	4	120								29
59	16	76	.3	2	40								30
59+50	18	54	.4	2	60								31
60	20	25	.1	2	10								32
60+50	9	12	.7	2	20								33
61	14	30	.2	1	10								34
61+50	10	21	.1	4	20								35
62	19	50	2.9	3	80								36
62+50	9	21	.2	3	60								37
L65W 63 N	14	78	.3	2	140								38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 16, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-582

Type of Samples Soils, Silts

### GEOCHEMICAL ASSAY CERTIFICATE

Disposition \_\_\_\_\_

11

SAMPLE No.		Pb	Zn	Ag	PPb Au	Ba												
L65W	63+50 N	3	19	1.3	2	40												1
	64	10	94	.5	1	330												2
	64+50	9	19	.6	1	80												3
L65W	65 N	14	96	.1	2	140												4
																		5
M	1	26	1100	1.0	8	290												6
	2	29	1050	.8	5	340												7
	3	18	660	.4	6	260												8
	4	18	290	.4	2	475												9
	5	17	470	.5	2	345												10
																		11
	41	21	800	.6	6	220												12
	42	20	2250	.6	4	280												13
	43	27	320	.7	4	310												14
	44	22	174	.4	6	160												15
	45	23	285	.5	10	250												16
	46	25	310	.7	4	280												17
	47	22	840	.4	4	200												18
	48	23	1000	.8	5	235												19
	49	18	960	.9	4	300												20
	50	15	240	.5	2	800												21
M	51	26	210	.4	1	1070												22
																		23
																		24
																		25
																		26
																		27
																		28
																		29
																		30
																		31
																		32
																		33
																		34
																		35
																		36
																		37
																		38
																		39
																		40

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DIGESTION: .....

DETERMINATION: .....

DATE SAMPLES RECEIVED July 16, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-582

Type of Samples Silts

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

Project: **Comfn Thro Bear**

12

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba						
M 6	15	860	.6	8	235						1
7	15	760	.7	4	265						2
8	14	475	.5	12	240						3
9	15	630	.6	8	260						4
10	17	570	.6	22	300						5
11	16	470	.2	8	200						6
12	20	220	.4	3	230						7
13	17	500	.2	16	155						8
14	19	700	.2	10	255						9
15	18	625	.4	5	205						10
16	17	220	.2	10	725						11
17	18	615	.3	8	170						12
18	15	285	.3	10	190						13
M 19	34	600	.2	10	975						14
											15
M 21	21	920	.7	17	245						16
22	20	850	.9	5	250						17
23	21	340	.5	8	190						18
24	11	505	.4	6	190						19
25	21	1000	.8	12	270						20
26	14	300	.6	20	230						21
27	19	830	.8	10	275						22
28	21	1140	.8	16	245						23
M 29	14	280	.4	8	190						24
											25
M 52	19	250	.4	24	210						26
											27
M 61	17	575	.6	8	160						28
62	15	400	.6	4	120						29
M 63	16	560	.4	8	290						30
											31
											32
											33
											34
											35
											36
											37
											38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 16, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER *D. Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

To: Teck Corp. Ltd.,  
11 Floor - 1199 W. Hastings St.,  
Vancouver, B.C.

File No. 80-611

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

Project: 1266

SAMPLE No.	Zn	Pb	Ag	ppb Au	Ba				
35W 35+50 N	430	30	.9	2	110				1
36	340	16	.9	2	60				2
36+50	230	19	.4	2	45				3
37	196	18	1.3	2	30				4
37+50	340	25	.6	8	25				5
38	340	17	.4	2	10				6
38+50	400	21	.4	2	45				7
39	50	13	.6	2	25				8
39+50	28	10	.5	2	45				9
40	38	14	.3	2	65				10
40+50	120	18	.5	2	60				11
41	1200	15	.4	3	270				12
41+50	80	15	.4	2	280				13
42	220	15	.1					(Not enough sample)	14
42+50	138	16	.4	2	150				15
43	80	13	.3	2	55				16
43+50	470	16	.5	2	240				17
44	104	15	.2	2	200				18
44+50	90	17	.2	2	90				19
45	134	10	.2	2	90				20
45+50	50	18	.1	2	45				21
46	98	13	.2	2	90				22
46+50	42	17	.1	2	50				23
47	70	6	1.9	2	60				24
47+50	30	12	.5	2	120				25
48	114	17	.5	2	125				26
48+50	340	15	.8	2	150				27
49	104	16	.6	2	75				28
49+50	70	13	.3	2	60				29
35W 50 N	64	9	.2	2	60				30
									31
40W 50 N	490	42	2.0	2	260				32
50+50	188	28	.1	2	120				33
51	220	42	4.7	4	160				34
51+50	210	30	6.1	12	430				35
52	400	31	4.0	2	220				36
52+50	450	12	1.0	3	80				37
40W 53 N	197	23	.6	2	275				38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 19, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER Dean Toyé

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-611

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

2

SAMPLE No.	Zn	Pb	Zn	ppb Au	Ba				
40W 53+50 N	120	9	.1	2	55				1
54	80	18	.2	2	60				2
54+50	84	19	.1	2	70				3
55	240	85	.1	12	340				4
55+50	270	65	.1	2	350				5
56	320	58	.2	2	560				6
56+50	120	34	.1	2	140				7
57	190	42	.1	4	250				8
57+50	240	35	.2	2	500				9
58	115	32	.1	2	130				10
58+50	305	155	.1	2	165				11
59	135	38	.2	2	1100				12
59+50	N.S.								13
60	N.S.								14
60+50	N.S.								15
61	305	330	.2	2	370				16
40W 61+50 N	225	50	.1	2	170				17
									18
40W 62 N	210	66	.1	2	200				19
62+50	95	55	.1	6	460				20
63	85	20	.1	2	60				21
63+50	120	29	.2	2	350				22
64	120	37	.1	2	630				23
64+50	160	80	.1	2	440				24
65	230	42	.2	2	310				25
65+50	65	6	.1	2	45				26
66	150	40	.2	2	330				27
66+50	100	28	.2	2	120				28
67	170	30	.3	2	220				29
67+50	95	31	1.3	2	140				30
68	100	32	1.2	2	225				31
68+50	110	30	.2	2	180				32
69	100	18	.1	2	160				33
69+50	110	19	.5	2	215				34
40W 70 N	180	25	.6	4	250				35
									36
									37
									38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 19, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-611

Type of Samples Soils

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

3

SAMPLE No.	Zn	Pb	Ag	ppb Au	Ba				
50W 65+50 N	170	110	.2	2	280				1
66	162	28	.3	2	730				2
66+50	90	12	.1	2	250				3
67	82	14	.2	2	140				4
67+50	200	23	.6	*	1550			*Au not enough sample	5
68	330	50	1.9	2	460				6
68+50	30	8	.7	2	145				7
69	530	40	.5	2	320				8
69+50	68	13	.1	2	210				9
70	200	24	.3	2	240				10
70+50	30	5	.2	2	100				11
71	124	20	1.0	2	160				12
71+50	250	28	.3	2	285				13
72	250	23	.7	2	260				14
72+50	180	20	.6	11	240				15
50W 73 N	24	6	.7	2	200				16
									17
55W 65+50 N	220	54	.3	2	720				18
66	54	10	.1	2	260				19
66+50	138	25	.3	2	180				20
67	136	35	.3	7	530				21
67+50	210	24	.3	2	240				22
68	250	44	.3	2	450				23
68+50	130	33	.2	2	230				24
69	162	28	.3	2	460				25
69+50	160	25	.2	2	300				26
70	190	31	.2	2	275				27
70+50	240	26	.6	2	530				28
71	176	23	.5	2	190				29
71+50	150	45	.2	2	180				30
72	164	40	.3	2	360				31
72+50	210	26	.6	2	385				32
73	162	23	.2	2	730				33
73+50	140	19	.2	2	400				34
55W 74 N	242	23	.7	4	820				35
									36
									37
									38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 19, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-611

Type of Samples Silts

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
M - 30	65	630	.1	2	700				1
31	166	1400	.1	2	1000				2
32	55	850	.1	N.S.	345				3
33	28	810	.1	2	420				4
34	P 30	540	.1	N.S.	560				5
35	P 28	430	.1	6	630				6
36	P 26	430	.1	2	900				7
37	17	480	.4	2	260				8
M - 38	18	2600	.3	2	430				9
									10
M - 53	12	1600	.5	2	190				11
54	14	1900	.6	18	280				12
55	20	1400	.4	17	780				13
56	18	840	.5	6	585				14
57	19	1400	.3	6	520				15
58	16	1600	.6	2	490				16
59	17	1500	.5	5	510				17
M - 60	16	1400	.4	2	575				18
									19
M - 64	26	1900	.4	25	1300				20
65	43	1400	.2	28	980				21
66	43	1300	.2	5	1400				22
67	40	1400	.2	9	1000				23
68	35	1300	.1	2	820				24
69	31	1400	.1	6	750				25
70	10	700	.2	2	420				26
71	27	420	.2	2	900				27
72	21	460	.6	2	960				28
73	15	470	.4	2	410				29
74	16	500	.3	4	460				30
75	15	540	.4	4	315				31
76	26	350	.3	2	810				32
77	16	530	.3	8	340				33
78	15	560	.6	8	330				34
M - 79	14	500	.4	4	270				35
									36
M - 101	13	1300	.2	5	340				37
M - 102	25	620	.4	8	1400				38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

\* P = -20 mesh pulverized.

DATE SAMPLES RECEIVED July 19, 1980

DATE REPORTS MAILED July 23, 1980

ASSAYER *D. Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

To: Teck Corp. Ltd.,  
11 Floor - 1199 W. Hastings St.  
Vancouver, B.C.

File No. 80-633

Type of Samples Soils

**GEOCHEMICAL ASSAY CERTIFICATE**

Project: # 1266 Comin Throu Bear

Disposition \_\_\_\_\_

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
20W 35 N	18	48	.1	1	35				1
35+50	5	14	.1	1	30				2
36	10	42	.1	1	60				3
36+50	28	40	.1	6	50				4
37	36	80	.2	5	85				5
37+50	36	100	.2	2	750				6
38	51	270	.2	2	550				7
38+50	46	22	.1	1	3450				8
39	49	100	.2	22	1800				9
39+50	70	133	.1	1	160				10
40	62	380	.1	1	410				11
40+50	26	62	.3	1	80				12
41	18	136	.3	3	90				13
41+50	57	300	.5	1	150				14
42	14	38	.4	1	100				15
42+50	19	196	1.4	1	80				16
43	45	98	.5	1	85				17
43+50	8	28	.6	1	40				18
44	18	28	.2	2	50				19
44+50	20	28	1.2	1	60				20
45	40	152	.2	1	530				21
45+50	90	323	.1	1	3900				22
46	78	250	.2	1	800				23
46+50	164	470	.2	1	900				24
47	320	700	.2	1	520				25
47+50	76	220	.2	1	590				26
48	29	114	.1	1	265				27
48+50	135	265	.1	1	180				28
49	14	34	.1	1	40				29
49+50	380	590	.1	1	130				30
20W 50 N	58	90	.1	1	260				31
									32
25W 35 N	8	12	.1	7	50				33
35+50	5	8	.1	1	50				34
36	6	14	.1	1	70				35
36+50	10	16	.1	1	30				36
37	30	60	.5	1	130				37
25W 37+50 N	36	104	.5	1	100				38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 21, 1980

DATE REPORTS MAILED July 26, 1980

ASSAYER Dean Toyé

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp. Ltd.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-633

Type of Samples Soils

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.			Pb	Zn	Ag	ppb Au	Ba				
25W	38	N	61	290	.1	1	1050				1
	38+50		61	370	.1	1	1650				2
	39		60	230	.1	1	565				3
	39+50		79	240	.1	1	450				4
	40		78	360	.1	1	565				5
	40+50		72	260	.1	1	500				6
	41		46	196	.1	1	375				7
	41+50		53	194	.1	1	585				8
	42		310	760	.3	1	290				9
	42+50		14	92	.8	1	45				10
	43		20	132	.2	1	120				11
	43+50		40	118	.4	1	80				12
	44		72	410	.7	1	80				13
	44+50		35	72	1.9	1	50				14
	45		17	136	.4	1	150				15
	45+50		20	82	.6	1	130				16
	46		28	1060	2.8	1	320				17
	46+50		26	220	1.0	1	290				18
	47		13	140	1.3	1	50				19
	47+50		7	40	.4	1	165				20
	48		12	58	.5	1	90				21
	48+50		7	30	.1	1	110				22
	49		19	54	.3	1	130				23
	49+50		32	90	.6	1	60				24
25W	50	N	23	88	1.0	1	70				25
											26
30W	35	N	75	235	.3	4	280				27
	35+50		28	112	.3	1	250				28
	36		44	260	.2	1	430				29
	36+50		98	310	.1	1	1350				30
	37		172	530	.1	1	1140				31
	37+50		196	540	.2	1	1470				32
	38		196	500	.2	2	2700				33
	38+50		128	600	.3	1	1200				34
	39		188	740	.1	1	3600				35
	39+50		38	740	.1	1	+2%				36
	40		32	1500	.4	1	1900				37
30W	40+50	N	18	440	1.9	1	220				38
											39
											40

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ASSAYER

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp. Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-633

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

3

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba					
30W 41 N	11	194	4.8	2	75					1
41+50	41	215	1.4	2	70					2
42	5	68	1.5	2	50					3
42+50	55	255	.8	2	75					4
43	10	20	.7	2	50					5
43+50	6	10	.3	2	25					6
44	1	12	.3	2	10					7
44+50	20	120	.5	2	50					8
45	7	36	.5	2	20					9
45+50	14	56	.6	2	30					10
46	20	156	.4	2	50					11
46+50	12	300	.9	2	30					12
47	18	230	1.0	2	85					13
47+50	23	176	2.2	4	120					14
48	11	80	1.6	2	45					15
48+50	14	80	.7	4	50					16
49	20	270	1.2	2	150					17
49+50	16	215	1.1	2	185					18
30W 50 N	22	132	.9	2	250					19
										20
										21
										22
										23
										24
										25
										26
										27
										28
										29
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										34
										35
										36
										37
										38
										39
										40

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File No. 80-633

Type of Samples Silts

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

4

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba					
M - 20	41	112	.1	2	1600					1
										2
39	50	590	.1	2	8800					3
40	63	600	.5	2	480					4
										5
80	53	214	.3	2	380					6
81	43	200	.1	2	1110					7
										8
121	48	880	.5	3	530					9
122	60	830	.4	2	740					10
123	47	790	.4	2	745					11
124	42	680	.2	2	680					12
125	45	660	.4	2	700					13
126	36	530	.3	3	540					14
127	42	500	.2	2	680					15
128	26	340	.1	2	280					16
129	35	470	.2	2	360					17
M - 130	35	440	.2	2	375					18
										19
										20
										21
										22
										23
										24
										25
										26
										27
										28
										29
										30
										31
										32
										33
										34
										35
										36
										37
										38
										39
										40

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11 Floor - 1199 W. Hastings St.,  
Vancouver, B.C.

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phone: 253 - 3158

File No. 80-653

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

Project: 1266 Comin Throu Bear

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
45W 20 N	20	59	.1	2	70				1
20+50	28	110	.1	2	70				2
21	41	200	.1	2	135				3
21+50	70	260	.5	2	285				4
22	39	245	.2	2	2900				5
22+50	84	215	.3	2	780				6
23	60	345	.4	2	200				7
23+50	62	440	.5	2	180				8
24	58	615	1.1	2	170				9
24+50	100	785	1.1	2	180				10
25	15	80	.1	2	80				11
25+50	24	85	.1	2	100				12
26	37	62	.2	2	190				13
26+50	24	62	.1	2	145				14
27	33	200	1.3	2	600				15
27+50	32	105	1.2	2	140				16
28	54	240	.2	2	130				17
28+50	50	106	.3	2	85				18
29	43	70	.4	2	160				19
29+50	19	42	.1	2	110				20
30	22	31	.1	2	110				21
30+50	23	70	.5	2	445				22
31	30	76	.1	2	90				23
45W 31+50 N	17	11	.1	2	70				24
									25
50W 20 N	24	49	.1	2	70				26
20+50	21	46	.1	2	310				27
21	34	127	.3	2	290				28
21+50	15	18	.1	2	130				29
22	24	112	.1	2	910				30
22+50	8	6	.1	2	70				31
23	17	19	.1	2	75				32
23+50	49	186	.1	2	230				33
24	47	400	.6	2	365				34
24+50	38	240	.5	3	145				35
25	42	84	.2	2	140				36
25+50	12	25	.3	2	60				37
50W 26 N	28	112	.3	2	120				38
									39
									40

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80-653

File No. \_\_\_\_\_

Type of Samples Soils

Disposition \_\_\_\_\_

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
50W 26+50 N	36	182	.6	2	100				1
27	30	138	1.3	2	150				2
27+50	32	590	2.3	4	420				3
28	31	320	.8	12	150				4
28+50	32	240	.8	36	220				5
29	22	74	1.1	5	110				6
29+50	21	98	2.7	2	100				7
30	23	130	.7	2	195				8
30+50	22	132	1.4	2	200				9
31	19	104	1.5	12	185				10
31+50	22	130	1.5	2	125				11
32	21	110	2.7	12	95				12
32+50	33	178	1.2	2	160				13
33	26	130	1.0	2	135				14
33+50	20	100	.9	6	175				15
34	24	108	4.5	14	140				16
50W 34+50 N	20	134	1.3	8	120				17
									18
55W 21 N	7	32	.2	2	95				19
21+50	8	20	.2	2	10				20
22	10	26	.1	2	30				21
22+50	11	34	.1	10	50				22
23	7	20	.2	2	35				23
23+50	12	30	.1	2	20				24
24	17	36	.1	2	20				25
24+50	15	30	.2	2	30				26
25	8	20	.1	2	10				27
25+50	11	20	.2	10	20				28
26	17	22	.6	2	30				29
26+50	20	62	.6	2	75				30
27	20	88	.8	14	110				31
27+50	28	146	.9	2	140				32
28	25	210	1.0	6	285				33
28+50	22	160	.6	4	380				34
29	24	150	.2	2	180				35
29+50	15	92	.5	5	385				36
30	24	210	1.3	8	360				37
55W 30+50 N	26	220	1.5	6	280				38
									39
									40

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80-653

File No. \_\_\_\_\_

Soils

Type of Samples \_\_\_\_\_

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
55W 31 N	16	123	.6	140	310				1
31+50	20	98	1.4	2	115				2
32	16	96	.6	13	100				3
32+50	15	140	1.0	2	190				4
33	18	210	.4	2	240				5
33+50	21	270	.2	14	180				6
34	20	220	.3	14	130				7
34+50	24	169	1.0	4	60				8
35	13	64	.2	9	125				9
35+50	15	89	.6	12	495				10
36	20	39	1.2	18	100				11
36+50	11	31	.7	60	35				12
37	12	54	.6	2	60				13
37+50	8	85	.5	2	20				14
38	8	94	.3	2	50				15
55W 38+50 N	26	94	1.3	14	60				16
									17
60W 24 N	8	23	.3	2	60				18
24+50	17	56	.2	2	40				19
25	12	32	.5	2	55				20
25+50	16	44	.2	2	90				21
26	22	72	.3	2	100				22
26+50	29	280	1.3	8	680				23
27	54	240	.4	2	480				24
27+50	41	265	.3	2	375				25
28	17	110	.5	7	260				26
28+50	22	167	.4	3	240				27
29	20	360	1.1	5	645				28
29+50	18	89	1.3	3	130				29
30	20	84	1.3	2	280				30
30+50	13	69	.8	2	120				31
31	15	88	.9	2	280				32
31+50	16	118	7.6	4	300				33
32	14	75	1.5	2	280				34
32+50	33	265	1.0	2	210				35
33	20	74	.6	2	100				36
33+50	15	89	3.6	2	295				37
34	18	158	.6	12	160				38
60W 34+50 N	13	67	.4	2	140				39
									40

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Assaying & Trace Analysis

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phone:253 - 3158

File No. 80-653

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
65W 23 N	9	40	.3	10	110				1
23+50	19	70	.3	10	525				2
24	17	68	.9	7	1050				3
24+50	15	132	.8	2	500				4
25	22	5500	2.2	3	1850				5
25+50	31	650	4.2	7	1750				6
26	28	108	.5	2	140				7
26+50	31	118	.3	4	290				8
27	25	96	.5	7	200				9
27+50	25	186	1.2	8	185				10
28	27	140	.5	2	170				11
28+50	19	240	.5	9	270				12
29	19	172	.1	2	190				13
29+50	25	174	.6	40	260				14
30	25	260	.4	6	300				15
30+50	20	190	.3	7	290				16
31	19	140	.7	2	270				17
31+50	19	104	.3	2	190				18
32	19	94	2.0	20	160				19
32+50	20	162	.4	2	50				20
33	15	82	1.2	2	60				21
65W 33+50 N	47	280	.6	2	30				22
									23
65W 34+50 N	31	150	.1	2	50				24
			.2						25
70W 22 N	6	30	1.1	27	130				26
22+50	25	50	.3	2	100				27
23	13	186	.2	2	350				28
23+50	35	310	.6	10	250				29
24	34	830	5.7	21	480				30
24+50	39	196	1.1	2	180				31
25	49	820	1.5	6	660				32
25+50	18	92	.9	2	200				33
26	31	270	5.3	2	495				34
26+50	26	112	.5	2	130				35
27	24	86	.1	2	100				36
27+50	21	90	.3	2	80				37
70W 28 N	24	96	.6	2	110				38
									39
									40

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To: Teck Corp. Ltd.,

File No. 80-653

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

5

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
70W 28+50 N	9	20	.3	1	70				1
29	14	45	.2	4	90				2
29+50	21	74	.5	4	95				3
30	44	92	.5	16	140				4
30+50	24	153	.8	6	250				5
31	24	132	1.2	11	230				6
31+50	25	134	.6	4	230				7
32	19	114	.7	1	320				8
32+50	15	100	1.3	1	260				9
33	18	100	2.1	4	180				10
33+50	19	50	1.3	1	110				11
34	15	47	.4	6	90				12
34+50	16	70	.3	80	100				13
35	17	76	1.8	4	100				14
35+50	12	30	.5	4	80				15
36	15	86	1.0	2	110				16
36+50	17	64	.6	3	90				17
37	15	48	.4	1	130				18
37+50	25	76	.9	20	140				19
38	20	84	.7	8	150				20
38+50	20	86	.7	1	80				21
39	11	88	.1	1	830				22
39+50	16	64	.2	1	190				23
70W 40 N	40	70	.4	1	380				24
									25
70W 40+50 N	18	68	.1	1	130				26
41	27	88	.1	3	150				27
41+50	24	98	.5	1	140				28
42	25	100	.1	3	110				29
42+50	18	68	.6	2	90				30
43	16	64	.1	1	70				31
43+50	38	130	.2	2	40				32
44	55	80	.5	1	160				33
44+50	26	50	.6	2	380				34
45	68	49	.5	1	660				35
45+50	24	44	.2	5	80				36
46	21	112	.4	1	70				37
70W 46+50 N	10	62	.1	11	70				38
									39
									40

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**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
6 70W 47 N	8	49	.1	3	60				1
47+50	7	58	.1	1	60				2
48	20	67	.3	3	85				3
48+50	16	59	.1	1	65				4
49	10	30	.1	2	135				5
49+50	4	12	.1	1	30				6
70W 50 N	3	18	.1	1	35				7
									8
75W 23 N	8	210	8.0	1	60				9
23+50	18	154	.3	1	125				10
24	5	27	.9	1	150				11
24+50	25	166	.2	4	75				12
25	13	94	.6	4	65				13
25+50	42	410	.5	1	230				14
26	20	250	2.8	1	190				15
26+50	36	320	.5	3	155				16
27	18	110	.7	1	180				17
27+50	17	99	1.0	1	110				18
28	19	100	.4	1	210				19
28+50	10	49	.1	10	100				20
29	7	36	.1	1	150				21
29+50	8	65	.1	N.S.	415				22
30	6	22	.1	1	170				23
30+50	24	110	.1	1	210				24
31	34	142	.1	4	140				25
31+50	18	62	.1	1	80				26
32	12	22	.1	1	80				27
32+50	14	21	.1	1	65				28
33	24	72	.1	1	75				29
33+50	20	65	.1	1	60				30
34	21	92	.4	9	140				31
34+50	20	166	.7	6	520				32
35	17	150	.2	13	540				33
35+50	12	68	3.2	1	130				34
36	15	135	1.3	1	420				35
36+50	22	148	.8	1	280				36
37	12	68	.5	1	160				37
75W 37+50 N	40	110	.1	3	150				38
									39
									40

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### GEOCHEMICAL ASSAY CERTIFICATE

7

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
75W 38 N	23	68	.2	2	170				1
38+50	14	54	.1	2	125				2
39	41	99	.1	2	200				3
39+50	17	89	.1	2	210				4
40	18	103	.1	16	185				5
40+50	16	55	.1	2	120				6
41	18	88	.1	2	170				7
41+50	18	87	.1	2	255				8
42	18	89	.1	2	610				9
42+50	17	68	.1	2	160				10
43	16	69	.1	2	210				11
43+50	11	24	.1	2	80				12
44	19	41	.7	20	110				13
44+50	32	28	.3	2	40				14
45	17	25	.1	16	20				15
45+50	70	59	.3	2	70				16
46	50	45	.1	2	110				17
46+50	410	96	2.6	2	100				18
47	106	10	.5	2	70				19
47+50	62	70	.2	2	70				20
48	124	148	.3	4	70				21
48+50	10	15	.2	2	50				22
49	19	21	.6	2	70				23
49+50	14	59	.4	4	100				24
75W 50 N	60	97	3.4	N.S.	90				25
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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 23, 1980

DATE REPORTS MAILED July 31, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Corp. Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-653

Type of Samples Silts

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

8

SAMPLE No.	Pb	Zn	Ag	ppb Au	Ba				
M - 103	27	183	.6	12	240				1
104	21	320	.4	7	260				2
131	41	590	.6	8	600				3
132	17	93	.1	2	80				4
133	18	625	.7	2	360				5
134	20	210	.2	6	460				6
141	45	1330	3.6	2	720				7
142	26	160	.4	2	235				8
143	96	3400	3.3	8	515				9
144	16	4950	.8	2	1150				10
145	18	6500	.2	2	250				11
146	30	635	.8	15	340				12
M - 147	16	212	.3	2	290				13
									14
									15
									16
									17
									18
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ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253-3158



To: Teck Explorations Ltd.,  
11 Floor - 1199 W. Hastings St.,  
Vancouver, B.C.

80-714

File No. \_\_\_\_\_

Type of Samples Rock chips

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

Project # 1266 Comin ThrouBear

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba						
1	14	134	.2	3	150						1
2	16	108	.2	4	80						2
3	7	54	.1	1	165						3
4	21	128	1.1	6	445						4
5	17	82	.7	6	260						5
6	3	39	.2	3	40						6
7	20	106	.3	2	170						7
8	5	12	.1	8	375						8
9	2	14	.1	2	85						9
10	9	84	.2	2	75						10
11	55	14	.1	2	+2%						11
12	3400	215	1.1	2	+2%						12
13	51	12	.3	2	2000						13
14	66	46	.1	2	3160						14
15	57	8	.2	3	1440						15
16	49	5	.1	2	2070						16
17	43	19	.3	1	1860						17
18	39	10	.2	2	2100						18
19	48	12	.1	2	1800						19
20	48	10	.1	2	2880						20
21	47	8	.1	1	1770						21
51	24	62	.3	3	270						22
52	18	78	.3	3	200						23
53	24	102	.2	6	110						24
54	12	186	.2	5	90						25
55	24	180	.3	6	115						26
56	22	106	.1	4	20						27
57	20	86	.2	5	180						28
58	18	25	.2	2	640						29
59	10	41	.2	9	380						30
60	13	20	.2	3	780						31
61	19	22	.1	5	1060						32
62	10	12	.3	6	90						33
63	4	22	.2	5	110						34
64	5	26	.2	3	40						35
65	9	62	.4	4	60						36
66	8	50	.4	4	70						37
67	4	11	.3	3	80						38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

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ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-714

Type of Samples Rock chips

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba						
68	20	92	.2	5	115						1
69	28	186	.4	30	130						2
70	28	178	.8	78	125						3
71	23	108	.9	50	180						4
72	9	22	.4	32	95						5
73	8	52	.3	126	25						6
74	11	48	.2	8	110						7
75	20	84	.2	35	1290						8
76	8	56	.3	2	80						9
											10
A	14	52	.2	35	1100						11
B	9	96	.3	9	1450						12
C	42	15	.2	7	2600						13
D	58	20	.2	3	2700						14
E	50	60	.1	5	2850						15
F	35	11	.2	3	1600						16
G	50	8	.1	4	2850						17
H	59	34	.2	3	2400						18
I	36	72	.1	2	4550						19
J	75	16	.1	2	+2%						20
K	44	12	.2	2	1450						21
L	15	56	.2	6	680						22
M	47	9	.2	3	2600						23
N	37	29	.1	2	1600						24
O	17	21	.1	2	1150						25
P	33	22	.1	2	2600						26
Q	40	132	.1	2	35						27
											28
											29
											30
											31
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											36
											37
											38
											39
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80-714

File No. \_\_\_\_\_

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

3

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
20W 50+50 N	31	64	.1	1	120					1
51	71	715	.2	1	610					2
51+50	29	88	.2	1	65					3
20W 52 N	49	205	.1	1	210					4
										5
25W 50+50 N	14	41	.1	1	130					6
51	37	270	.1	1	360					7
51+50	20	48	.3	1	110					8
25W 52 N	7	12	.1	1	50					9
										10
30W 31 N	24	610	.2	1	2500					11
31+50	94	260	.2	4	1500					12
32	100	445	.1	8	1100					13
32+50	250	970	.4	1	3100					14
33	230	710	.3	4	1100					15
33+50	460	1650	.5	10	2350					16
34	370	830	.4	1	1750					17
34+50	440	530	.6	2	+1%					18
50+50	21	122	1.2	1	1100					19
51	29	182	.7	15	330					20
51+50	6	19	.7	4	60					21
30W 52 N	15	39	.4	1	120					22
										23
60W 65+50 N	60	235	.3	1	110					24
66	32	156	.3	1	300					25
66+50	21	144	.1	1	310					26
67	35	78	.2	1	330					27
67+50	4	7	.1	1	50					28
68	33	72	.2	2	200					29
68+50	27	62	.2	1	460					30
69	28	72	.1	1	250					31
69+50	11	24	.3	1	330					32
70	30	8	.1	1	720					33
70+50	18	19	.1	2	620					34
71	4	36	.2	2	120					35
71+50	16	78	.2	1	180					36
72	24	64	.1	2	250					37
60W 72+50 N	61	118	.4	1	230					38
										39
										40

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File No. 80-714

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

4

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
60W 73 N	81	260	.1	1	160					1
73+50	35	176	.1	2	175					2
60W 74 N	5	19	.1	1	85					3
										4
65W 65+50 N	38	1000	1.0	7	170					5
66	11	192	1.2	3	1300					6
66+50	15	82	.4	2	200					7
67	23	62	3.2	2	110					8
67+50	27	138	2.6	2	300					9
68	24	90	.9	2	280					10
68+50	9	36	.3	2	160					11
69	2	24	.1	2	80					12
69+50	6	68	.7	1	110					13
70	21	180	2.1	2	1300					14
70+50	20	86	1.7	2	550					15
71	22	320	63.0	8	1000					16
71+50	7	38	.3	1	60					17
72	9	56	.2	1	60					18
72+50	14	114	.5	1	120					19
73	12	84	.3	1	160					20
73+50	23	110	.2	1	290					21
65W 74 N	22	390	1.3	1	550					22
										23
70W 50+50 N	21	126	.4	16	130					24
51	17	116	.4	6	250					25
51+50	14	50	1.0	4	190					26
52	23	150	.2	2	360					27
52+50	25	180	1.5	1	820					28
53	20	150	.7	5	480					29
53+50	23	76	.4	1	100					30
54	25	60	1.0	1	150					31
54+50	22	98	.6	1	130					32
55	36	62	.5	1	280					33
55+50	20	98	.2	1	110					34
56	27	112	.5	2	110					35
56+50	19	58	.7	1	100					36
57	22	132	.9	1	330					37
70W 57+50 N	14	62	.6	1	170					38
										39
										40

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*Dean Toye*

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To: Teck Explorations Ltd.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-714

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

5

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
70W 58 N	14	76	.5	1	130					1
58+50	24	128	1.1	1	145					2
59	60	49	1.0	1	150					3
59+50	74	39	.7	1	145					4
60	156	19	3.9	20	145					5
60+50	32	70	.4	1	175					6
61	30	3800	.7	1	840					7
61+50	30	184	.4	1	120					8
62	26	535	.3	1	145					9
62+50	32	138	.3	1	145					10
63	14	390	.6	1	50					11
63+50	8	54	.2	2	40					12
64	22	78	.7	1	100					13
64+50	31	166	1.1	2	210					14
65	26	260	.8	4	335					15
65+50	36	350	2.7	4	215					16
66	27	1050	5.7	4	1100					17
66+50	31	300	5.2	8	1850					18
67	20	188	.6	3	330					19
67+50	22	225	1.6	2	800					20
68	23	188	1.8	2	270					21
68+50	29	270	1.6	1	270					22
69	19	196	1.3	1	55					23
69+50	11	44	.2	1	230					24
70	25	132	.3	1	140					25
70+50	24	140	.4	1	110					26
71	18	88	1.3	1	115					27
71+50	34	340	1.3	1	160					28
72	18	58	.3	1	70					29
72+50	40	152	1.4	1	140					30
70W 73 N	39	680	2.5	3	60					31
75W 50+50 N	20	66	.4	66	80					32
51	13	41	.2	1	65					33
51+50	6	14	.1	1	65					34
52	4	11	.1	4	70					35
52+50	5	18	.1	1	100					36
75W 53 N	14	40	.1	1	130					37
										38
										39
										40

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ASSAYER

*D. Toye*  
DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-714

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
75W 53+50 N	8	36	.5	1	135					1
54	10	26	.5	1	70					2
54+50	6	28	.3	1	110					3
55	33	32	.1	1	80					4
55+50	22	25	.1	4	275					5
56	13	19	.1	4	120					6
56+50	27	31	.2	4	495					7
57	6	11	.2	1	125					8
57+50	7	12	.1	1	110					9
58	11	26	.1	36	115					10
58+50	12	26	.2	1	50					11
59	4	10	.1	1	50					12
59+50	9	30	.4	1	65					13
60	6	24	.2	1	70					14
60+50	9	39	.3	1	90					15
61	17	80	.7	3	155					16
61+50	17	58	.4	3	70					17
62	9	35	.5	1	120					18
62	19	78	1.3	3	140					19
63	18	60	.3	16	175					20
63+50	11	60	.4	4	150					21
64	13	82	.8	1	230					22
64+50	11	58	.4	4	280					23
65	16	82	.7	2	365					24
65+50	15	84	.8	1	160					25
66	17	96	.4	1	230					26
66+50	15	39	1.1	14	90					27
67	15	38	.4	1	140					28
67+50	6	11	.2	2	25					29
68	8	15	.3	2	60					30
68+50	11	42	.4	1	100					31
69	5	18	.8	1	50					32
69+50	7	24	.4	4	65					33
70	4	44	.2	8	70					34
70+50	2	41	.1	1	60					35
71	10	32	.3	20	130					36
75W 71+50 N	16	66	1.0	1	140					37
										38
										39
										40

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*D. Toyer*

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

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File No. 80-714

Type of Samples Soils

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

7

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
75W 72 N	7	58	.5	3	80					1
72+50	15	74	1.3	1	150					2
75W 73 N	7	88	1.3	1	50					3
										4
80W 25 N	26	250	.3	1	375					5
25+50	25	460	1.1	4	540					6
26	15	186	.5	1	80					7
26+50	4	30	.3	1	40					8
27	41	186	.4	1	55					9
27+50	15	62	.4	22	35					10
28	12	38	1.0	6	60					11
28+50	22	84	.7	6	90					12
29	17	18	.4	1	60					13
29+50	20	82	.3	12	80					14
30	14	36	.7	4	70					15
30+50	31	385	1.2	10	310					16
31	23	154	1.2	4	165					17
31+50	32	350	2.1	1	215					18
32	6	39	.4	1	65					19
32+50	27	192	2.4	1	175					20
33	35	245	.7	4	210					21
33+50	35	420	.7	5	220					22
34	24	210	1.0	1	315					23
34+50	12	44	.6	1	120					24
35	22	205	.5	1	780					25
35+50	24	132	.3	30	140					26
36	20	112	.4	1	80					27
36+50	25	166	.3	2	75					28
37	25	114	.3	6	230					29
37+50	9	30	.2	12	455					30
38	46	21	.2	1	6250					31
38+50	32	102	.3	1	1050					32
39	30	152	.2	1	325					33
39+50	25	118	.2	1	450					34
40	18	108	.4	2	310					35
40+50	23	112	.5	1	325					36
41	28	152	.5	1	240					37
80W 41+50 N	21	108	.5	1	310					38
										39
										40

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phone: 253 - 3158

File No. 80-714

Type of Samples Soils

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

8

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
80W 42 N	24	134	1.0	1	895					1
42+50	28	132	.4	1	160					2
43	27	108	.3	1	470					3
43+50	25	116	.2	1	160					4
44	26	88	.5	1	200					5
44+50	27	104	.3	1	190					6
45	20	182	.4	1	560					7
45+50	23	94	.4	1	190					8
46	28	126	.5	1	600					9
46+50	23	62	.5	1	195					10
47	25	38	.4	1	125					11
47+50	28	74	.5	1	320					12
48	26	6700	.6	1	840					13
48+50	39	1050	.3	1	260					14
49	54	670	.6	1	225					15
49+50	50	1950	.5	1	860					16
80W 50 N	122	182	.3	1	160					17
80W 50+50 N	200	194	2.4	1	145					18
51	205	42	1.4	1	95					19
51+50	164	64	3.1	1	115					20
52	58	178	.5	1	130					21
52+50	27	58	.6	1	115					22
53	26	68	.5	1	120					23
53+50	19	60	.5	1	80					24
54	43	134	.6	1	115					25
54+50	42	120	.8	2	155					26
55	22	168	.5	1	120					27
55+50	28	134	.8	1	120					28
56	12	250	.6	1	35					29
56+50	11	31	.2	1	75					30
57	26	88	.5	1	80					31
57+50	15	49	1.6	2	80					32
58	16	132	1.3	1	40					33
58+50	35	50	.3	1	560					34
59	23	70	.4	1	355					35
59+50	3	16	.2	1	30					36
30W 60 N	11	34	.2	1	80					37
										38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 30, 1980

DATE REPORTS MAILED Aug. 5, 1980

ASSAYER

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

80-714

File No. \_\_\_\_\_

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba				
80W 60+50 N	29	34	.3	1	210				1
61	24	220	.4	1	70				2
61+50	60	660	.9	10	175				3
62	64	1550	1.7	16	265				4
62+50	27	110	1.4	20	110				5
63	28	132	1.2	2	180				6
63+50	22	64	.3	1	125				7
64	43	230	.9	30	110				8
64+50	38	138	.5	1	200				9
65	26	166	.3	1	225				10
65+50	22	130	.4	1	370				11
66	40	142	.2	1	780				12
66+50	21	92	.4	1	390				13
67	16	118	.1	1	130				14
67+50	14	54	.2	1	120				15
68	20	112	.5	1	140				16
68+50	21	82	.2	1	120				17
69	24	162	.4	1	135				18
69+50	22	160	.6	1	300				19
70	25	170	.4	1	160				20
70+50	30	184	.8	1	190				21
71	18	152	.2	1	370				22
71+50	35	150	.4	1	925				23
80W 72 N	49	240	1.1	2	900				24
									25
85W 30 N	37	70	.4	2	80				26
30+50	45	140	.6	2	85				27
31	35	300	1.6	4	110				28
31+50	12	30	.6	28	50				29
32	36	520	.4	8	155				30
32+50	36	825	.7	6	170				31
33	31	595	1.1	6	180				32
33+50	26	250	.8	3	155				33
34	25	150	.5	5	240				34
34+50	37	130	.1	2	110				35
35	25	186	.7	4	480				36
35+50	32	198	.4	2	250				37
85W 36 N	28	305	1.1	6	340				38
									39
									40

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 REGISTRATION:.....  
 DETERMINATION:.....

DATE SAMPLES RECEIVED July 30, 1980  
 DATE REPORTS MAILED Aug. 5, 1980  
 ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-714

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
85W 36+50 N	18	132	.3	4	110					1
37	47	100	.2	3	215					2
37+50	31	210	.4	8	285					3
38	30	200	1.0	10	350					4
38+50	80	445	.5	56	285					5
39	21	134	.4	4	145					6
39+50	34	210	.3	8	205					7
40	32	118	1.0	4	145					8
40+50	16	74	.5	3	145					9
41	22	94	.5	4	355					10
41+50	31	140	.6	4	260					11
42	18	82	.4	2	130					12
42+50	25	200	.4	10	245					13
43	27	128	.3	4	215					14
43+50	28	360	.3	4	260					15
44	36	335	.5	2	255					16
44+50	21	132	.2	4	150					17
45	22	110	.2	7	135					18
45+50	19	84	.2	1	80					19
46	28	98	.1	3	175					20
46+50	28	110	1.0	1	175					21
47	32	280	.3	1	345					22
47+50	41	400	.7	30	350					23
48	29	108	.8	16	375					24
48+50	35	255	1.0	20	180					25
49	23	160	.6	6	225					26
49+50	18	122	.9	2	170					27
85W 50 N	10	41	.4	6	145					28
										29
85W 50+50 N	14	68	.2	1	60					30
51	14	148	.5	2	75					31
51+50	6	35	.3	1	115					32
52	15	124	1.1	1	225					33
52+50	11	62	.2	3	140					34
53	12	80	.2	2	170					35
53+50	20	128	.3	1	200					36
54	21	162	1.2	2	330					37
85W 54+50 N	16	108	.7	2	250					38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 30, 1980

DATE REPORTS MAILED Aug. 5, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

To: Teck Explorations Ltd.,

80-714

File No. \_\_\_\_\_

Type of Samples Soils

Disposition \_\_\_\_\_

GEOCHEMICAL ASSAY CERTIFICATE

11

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba						
85W 55 N	23	178	.6	2	325						1
55+50	25	156	.5	1	180						2
56	30	176	.6	1	350						3
56+50	19	152	1.4	1	490						4
57	20	144	.4	6	340						5
57+50	22	182	.6	6	425						6
58	21	108	.5	1	180						7
58+50	17	104	.4	1	230						8
59	18	112	.3	1	130						9
59+50	21	168	.5	8	390						10
60	21	108	.8	6	220						11
60+50	20	120	.5	3	160						12
61	25	146	.3	2	270						13
61+50	23	118	.3	5	220						14
62	7	28	.2	26	120						15
62+50	13	78	.6	1	140						16
63	23	156	.9	7	215						17
63+50	12	56	.3	1	170						18
64	16	72	.2	1	100						19
64+50	21	112	.2	1	165						20
65	9	50	.4	2	150						21
85W 65+50 N	19	86	.3	3	310						22
											23
85W 66 N	21	96	.2	1	260						24
66+50	18	104	.5	1	550						25
67	21	118	.7	2	425						26
67+50	22	122	.3	4	375						27
68	17	112	.3	4	225						28
68+50	5	25	.5	1	140						29
69	9	58	.3	1	230						30
69+50	26	178	.9	2	410						31
70	8	42	.4	1	120						32
70+50	17	78	.4	1	190						33
85W 71 N	20	150	.9	2	270						34
											35
											36
											37
											38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 30, 1980

DATE REPORTS MAILED Aug. 5, 1980

ASSAYER Dean Toy

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-714

Type of Samples Silts

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

12

SAMPLE No.		Pb	Zn	Ag		PPb Au	Ba						
M 82	P	17	285	.4		6	225						1
83		25	215	.3		6	565						2
84		32	9200	.3		20	670						3
85		27	2100	.4		38	1100						4
86		24	2100	.3		4	610						5
87		23	1550	.1		6	650						6
88		26	1550	.4		11	700						7
89		25	1650	.2		6	645						8
90		26	1250	.3		4	800						9
91		30	235	.3		6	575						10
92		26	700	.4		20	560						11
93		27	730	.4		8	600						12
94		30	620	.5		6	1050						13
95		21	440	.4		20	750						14
M 96		28	465	.3		4	785						15
													16
M 105		17	930	.5		3	580						17
106		21	540	.8		5	400						18
107		23	565	1.5		6	1350						19
108	P	20	400	1.1		4	270						20
109		35	3100	.6		4	570						21
110		29	5600	.6		5	410						22
111		23	6200	.3		12	525						23
112		19	102	.2		8	800						24
113		20	210	.5		10	490						25
114		24	184	.4		25	340						26
115		45	600	1.0		68	470						27
116		41	260	.5		10	690						28
117		30	780	.6		6	365						29
118		22	370	.5		5	445						30
119		23	265	.4		8	500						31
M 120		21	200	.5		7	445						32
													33
M 135		20	158	.3		3	600						34
136		38	108	.2		6	4650						35
137		28	166	.2		3	1700						36
138		18	132	.4		5	1050						37
139		21	138	.3		14	1450						38
M 140		20	132	.4		3	340						39
													40

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DIGESTION:.....

DETERMINATION:.....

\*P = -20 mesh pulverized.

DATE SAMPLES RECEIVED July 30, 1980

DATE REPORTS MAILED Aug. 5, 1980

ASSAYER

*Dean Toy*  
DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Exploration Ltd.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-714

Type of Samples Silts

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	PPb		Ba						
				Au								
M 148	29	880	.7	5		615						1
149	30	910	.6	10		680						2
150	29	875	.6	8		695						3
151	26	780	.4	4		635						4
152	28	785	.5	1		880						5
153	24	785	.4	4		610						6
154	29	710	.8	6		510						7
155	21	870	.6	4		595						8
156	26	870	1.2	6		470						9
157	25	1550	.9	4		835						10
158	29	1650	1.0	6		860						11
160	28	2550	.8	1		610						12
160	30	5050	.7	2		750						13
161	22	530	.7	8		480						14
162	30	565	.6	6		410						15
M 163	26	4400	2.2	5		585						16
												17
M 164	22	170	.9	4		290						18
165	35	445	.7	8		730						19
166	44	460	1.3	4		680						20
167	32	265	.5	3		630						21
168	31	330	.6	4		470						22
169	33	330	.6	3		660						23
170	31	320	.5	15		885						24
171	30	330	.6	3		680						25
172	30	325	.5	3		725						26
173	32	315	.4	2		840						27
174	31	295	.5	1		850						28
175	25	265	.4	1		950						29
176	22	182	.4	3		725						30
177	26	265	.4	7		90						31
178	33	1050	1.1	6		450						32
179	19	770	.7	2		275						33
180	27	815	.8	4		375						34
181	22	154	.4	6		1200						35
182	20	146	.4	26		1250						36
183	20	138	.3	8		1050						37
M 184	21	142	.4	4		1050						38
												39
												40

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DIAGNOSIS: .....

DETERMINATION: .....

DATE SAMPLES RECEIVED July 30, 1980

DATE REPORTS MAILED Aug. 5, 1980

ASSAYER

*D. Toye*  
 DEAN TOYE, B.Sc.  
 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253 - 3158

File No. 80-714

Type of Samples Silts

### GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.	Pb	Zn	Ag	PPb Au	Ba					
M 185	21	148	.5	6	1150					1
186	25	144	.4	7	1000					2
187	22	150	.3	280	940					3
188	22	148	.4	8	840					4
189	24	340	.7	1	980					5
190	P 8	820	.6	2	200					6
191	13	1500	.9	4	155					7
192	17	1950	1.1	4	235					8
193	14	1800	1.1	1	185					9
194	11	1250	.5	6	215					10
M 195	13	1250	.6	1	200					11
										12
M 201	21	182	.7	4	435					13
202	20	158	.6	6	540					14
203	24	220	.7	12	430					15
204	23	225	.6	9	500					16
205	21	205	.6	11	640					17
206	23	395	.5	6	560					18
207	21	225	.4	5	600					19
208	23	260	.4	8	715					20
209	22	225	.5	7	560					21
210	23	250	.5	5	655					22
211	24	260	.3	12	625					23
212	21	255	.5	5	615					24
213	23	285	.4	8	620					25
214	26	770	.3	1	325					26
M 215	24	1150	.4	1	440					27
										28
M 241	31	940	.5	1	630					29
242	34	900	.5	3	620					30
243	36	980	.7	4	1050					31
244	38	860	.6	3	920					32
245	68	680	.1	1	2500					33
246	90	930	.3	1	2700					34
247	64	800	.3	1	3200					35
248	58	1000	.4	1	1400					36
249	45	440	.3	1	725					37
250	39	440	.2	2	480					38
M 251	21	14000	.2	1	565					39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 30, 1980

DATE REPORTS MAILED Aug. 5, 1980

ASSAYER

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



ACME ANALYTICAL LABORATORIES LTD.

To: Teck Exploration Ltd.,  
11th Floor - 1199 W. Hastings St.,  
Vancouver, B. C. V6E 2K5

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1H6

Telephone: 253 - 3158

AUG 27 1980

File No. 80-899

Type of Samples Rock

Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

Project#1266 Comin Throu Bear

No.	Sample	Ba %							No.
1	13963	52.20							1
2									2
3									3
4									4
5									5
6									6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20

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DATE SAMPLES RECEIVED Aug. 21, 1980

DATE REPORTS MAILED Aug. 25, 1980

ASSAYER

*Dean Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

Telephone: 253 - 3158

File No. 80-1052

Type of Samples Rocks

Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

*#1266*

No.	Sample	Pb%	Zn%	Ag oz/ton	Cu%			No.
1	13964	22.80	2.31	.50	.01			1
2								2
3								3
4								4
5								5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

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DATE SAMPLES RECEIVED Sept. 13, 1980

DATE REPORTS MAILED Sept. 22, 1980

ASSAYER

*Dean Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Exploration Ltd.,  
1199 W. Hastings St.,  
Vancouver, B.C.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-1065

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

Project: # 1266 "Comin Throu Bear"

1	SAMPLE No.			Pb	Zn	Ag	Ba	Au						
								ppb						
5W	30	N		56	60	.1	30	1						1
	30+50			18	62	.1	60	12						2
	31			21	64	.1	90	4						3
	31+50			30	64	.1	90	1						4
	32			26	66	.1	170	1						5
	32+50			24	56	.1	150	2						6
	33			34	68	.1	110	2						7
	33+50			30	56	.1	120	1						8
	34			52	58	.1	20	1						9
	34+50			27	50	.1	20	1						10
	35			23	52	.1	50	1						11
	35+50			20	58	.1	20	1						12
	36			28	60	.1	30	1						13
	36+50			34	62	.1	40	2						14
	37			24	50	.1	55	1						15
	37+50			29	54	.1	110	1						16
	38			26	95	.1	50	1						17
	38+50			22	80	.1	40	1						18
	39			23	72	.2	30	2						19
	39+50			25	78	.3	30	1						20
5W	40	N		20	52	.3	70	1						21
														22
5W	41+50N			20	62	.1	30	1						23
	42			18	52	.1	10	1						24
	42+50			14	28	.2	55	1						25
	43			20	38	.1	10	1						26
	43+50			13	46	.1	30	1						27
	44			30	32	.3	25	2						28
	44+50			17	26	.1	30	1						29
	45			23	35	.1	10	1						30
	45+50			21	22	.1	10	1						31
	46			23	45	.2	10	3						32
	46+50			4	3	.1	10	1						33
	47			34	37	.2	10	4						34
	47+50			20	21	.1	20	1						35
	48			19	40	.1	75	2						36
	48+50			18	44	.1	20	1						37
5W	49	N		15	28	.1	40	1						38
														39
														40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 13, 1980

DATE REPORTS MAILED Sept. 20, 1980

ASSAYER

*Dean Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-1065

Type of Samples Soils

Disposition

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
5W 49+50N	26	45	.2	30	1					1
50	21	38	.1	20	1					2
50+50	26	30	.1	85	1					3
51	33	84	.2	95	1					4
51+50	26	55	.1	30	1					5
52	39	54	.2	75	2					6
52+50	37	78	.3	30	2					7
53	29	32	.1	25	2					8
53+50	39	36	.4	45	2					9
54	30	90	.1	60	3					10
54+50	26	105	.1	120	2					11
55	45	54	.1	95	4					12
55+50	54	60	.1	125	6					13
56	76	55	.1	60	2					14
56+50	39	60	.1	130	1					15
5W 57 N	28	60	.1	105	2					16
										17
10W 30 N	23	75	.1	30	2					18
30+50	22	66	.1	25	1					19
31	23	84	.1	85	1					20
31+50	8	41	.1	650	1					21
32	29	68	.1	110	2					22
32+50	28	62	.1	85	55					23
33	34	72	.1	110	2					24
33+50	18	34	.1	80	1					25
34	26	54	.1	105	1					26
34+50	21	38	.1	45	1					27
35	22	42	.2	150	8					28
35+50	25	45	.1	75	2					29
36	9	22	.1	40	1					30
36+50	30	54	.1	65	1					31
37	33	48	.1	45	1					32
37+50	23	45	.1	35	1					33
38	29	49	.1	60	8					34
38+50	27	46	.1	65	2					35
39	26	45	.3	60	1					36
39+50	20	38	.2	50	1					37
10W 40 N	20	39	.1	55	2					38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 13, 1980

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ASSAYER

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-1065

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

3

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
10W 40+50N	27	40	.1	50	1					1
41	21	29	.1	50	1					2
41+50	25	55	.1	60	1					3
42	18	65	.1	65	1					4
42+50	27	60	.1	95	1					5
43	26	56	.2	70	1					6
43+50	20	42	.1	45	1					7
44	19	48	.2	80	1					8
44+50	22	65	.2	40	1					9
45	18	34	.1	30	1					10
45+50	19	38	.4	50	2					11
46	22	36	.1	50	1					12
46+50	28	40	.2	115	1					13
47	27	60	.3	60	1					14
47+50	22	50	.3	65	1					15
48	19	35	.1	25	1					16
48+50	12	19	.1	20	1					17
49	16	20	.1	40	1					18
49+50	19	21	.2	25	1					19
10W 50 N	27	65	.1	40	1					20
										21
10W 50+50N	22	26	.1	30	1					22
51	17	32	.1	10	1					23
51+50	9	21	.1	10	1					24
52	3	12	.1	10	1					25
52+50	50	76	.2	70	1					26
53	65	55	.1	65	1					27
53+50	15	13	.1	20	1					28
54	11	22	.1	40	1					29
54+50	40	80	.2	75	1					30
55	28	45	.1	40	1					31
55+50	20	32	.1	65	1					32
56	24	42	.1	10	1					33
56+50	42	45	.1	10	1					34
10W 57 N	20	50	.1	15	1					35
										36
15W 30 N	19	66	.2	10	1					37
30+50	21	68	.1	30	1					38
15W 31 N	22	70	.2	80	1					39
										40

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File No. 30-1065

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

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SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
15W 31+50N	36	65	.4	130	1					1
32	27	75	.1	85	10					2
32+50	25	45	.1	120	1					3
33	19	38	.1	45	1					4
33+50	14	35	.2	60	2					5
34	14	33	.1	45	1					6
34+50	22	32	.1	50	1					7
35	13	27	.1	45	1					8
35+50	29	43	.1	70	1					9
15W 36 N	30	40	.1	50	1					10
										11
15W 36+50N	27	55	.1	60	1					12
37	13	30	.1	85	1					13
37+50	6	26	.1	120	1					14
38	24	50	.1	75	1					15
38+50	25	56	.1	80	1					16
39	19	45	.1	120	1					17
39+50	20	44	.1	60	1					18
40	23	70	.1	120	1					19
40+50	15	30	.2	55	1					20
41	20	68	.1	60	1					21
41+50	32	80	.1	55	1					22
42	18	48	.2	90	1					23
42+50	41	195	.4	430	1					24
43	38	380	.3	290	1					25
43+50	35	305	.1	175	1					26
44	34	180	.2	190	1					27
44+50	66	1700	.6	200	1					28
45	42	315	.1	210	1					29
45+50	56	370	.3	1070	1					30
46	60	205	.1	240	1					31
46+50	46	205	.2	150	1					32
47	45	235	.2	160	1					33
47+50	39	115	.1	140	1					34
48	38	85	.1	70	1					35
48+50	27	60	.1	60	1					36
49	18	62	.1	70	1					37
49+50	23	48	.1	75	1					38
15W 50 N	25	58	.1	75	1					39
										40

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File No. 80-1065

Type of Samples Soils

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

5

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
15W 50+50N	42	72	.1	40	1					1
51	37	54	.5	45	1					2
51+50	33	74	.1	50	1					3
52	10	32	.1	35	1					4
52+50	5	9	.1	10	1					5
53	30	105	.1	110	1					6
53+50	33	40	.1	20	1					7
54	28	52	.1	80	1					8
54+50	26	90	.3	115	1					9
55	18	29	.1	30	1					10
55+50	32	70	.1	90	1					11
56	22	54	.1	90	1					12
56+50	25	70	.1	130	1					13
15W 57 N	275	90	.1	80	1					14
										15
17+50W 30 N	24	62	.1	80	1					16
30+50	40	68	.1	70	1					17
31	27	55	.1	30	1					18
31+50	32	54	.2	120	1					19
32	29	50	.2	65	1					20
32+50	23	45	.1	35	1					21
33	26	44	.1	70	1					22
33+50	18	38	.1	40	1					23
34	26	85	.1	40	1					24
34+50	23	70	.1	80	1					25
35	19	45	.2	10	1					26
35+50	27	64	.1	50	1					27
36	20	30	.1	10	1					28
36+50	13	29	.1	30	1					29
37	11	27	.1	10	1					30
37+50	23	48	.1	10	1					31
38	18	49	.4	30	1					32
38+50	23	54	.2	20	1					33
39	22	50	.1	20	1					34
39+50	36	135	.1	340	1					35
40	92	350	.2	970	1					36
40+50	33	80	.1	180	1					37
17+50W 41 N	64	165	.1	360	1					38
										39
										40

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phone: 253 - 3158

File No. 80-1065

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

6

SAMPLE No.		Pb	Zn	Ag	Ba	Au ppb					
17+50W	41+50N	20	125	.1	1850	1					1
	42	35	370	.1	100	2					2
	42+50	20	355	.5	+2%	1					3
	43	24	145	.1	430	1					4
	43+50	7	28	.1	60	1					5
	44	33	210	.1	340	1					6
	44+50	45	200	.2	430	1					7
	45	510	500	.3	1000	1					8
	45+50	1750	2200	.3	2450	1					9
	46	1250	1800	.1	790	1					10
	46+50	310	475	.2	250	1					11
	47	136	250	.1	910	1					12
	47+50	52	260	.1	690	1					13
	48	45	310	.1	220	4					14
	48+50	31	335	.1	780	1					15
	49	52	105	.4	70	1					16
	49+50	38	48	.2	50	1					17
17+50W	50 N	31	50	.2	30	1					18
											19
20	W 30 N	33	46	.1	120	1					20
	30+50	40	165	.1	375	1					21
	31	15	28	.1	30	1					22
	31+50	29	45	.1	50	1					23
	32	18	30	.1	90	1					24
	32+50	26	85	.1	10	1					25
	33	9	26	.1	10	1					26
	33+50	16	40	.1	10	1					27
	34	18	42	.1	10	1					28
20	W 34+50N	26	36	.1	10	1					29
											30
20	W 52+50N	22	40	.1	50	1					31
	53	50	56	.2	25	1					32
	53+50	31	35	.2	130	1					33
	54	22	40	.1	10	1					34
	54+50	27	36	.1	30	1					35
	55	18	17	.1	120	1					36
	55+50	27	42	.1	20	1					37
	56	36	95	.1	90	1					38
	56+50	28	37	.1	20	1					39
20	W 57 N	8	8	.1	10	1					40

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ASSAYER

*D. Toy*  
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CERTIFIED B.C. ASSAYER



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phone: 253 - 3158

To: Teck Explorations Ltd.,

File No. 80-1065

Type of Samples soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

7

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
22+50W 30 N	32	105	.1	135	1					1
30+50	14	36	.1	40	1					2
31	18	55	.1	40	1					3
31+50	8	26	.1	10	1					4
32	15	50	.1	50	1					5
32+50	26	82	.1	200	1					6
33	32	78	.1	90	1					7
33+50	34	39	.1	10	1					8
34	3	20	.1	10	1					9
34+50	50	130	.1	50	1					10
35	52	145	.2	1050	1					11
35+50	40	120	.1	180	1					12
36	43	115	.2	290	1					13
36+50	68	110	.2	850	1					14
37	25	115	.8	190	1					15
37+50	70	275	.1	1100	1					16
38	48	200	.1	1200	1					17
38+50	59	105	.1	2000	1					18
39	56	90	.1	370	1					19
39+50	48	105	.1	100	1					20
40	65	110	.1	100	1					21
40+50	45	140	.1	180	1					22
41	36	220	.4	50	1					23
41+50	18	205	.2	10	1					24
22+50W 42 N	34	2000	1.0	50	1					25
										26
25 W 30 N	32	95	.1	145	3					27
30+50	12	55	.1	120	1					28
31	16	60	.1	100	1					29
31+50	32	125	.1	220	1					30
32	24	60	.1	25	1					31
32+50	20	55	.1	20	1					32
33	26	56	.1	40	1					33
33+50	25	60	.1	45	1					34
34	28	68	.1	50	2					35
25 W 34+50N	23	44	.1	25	1					36
										37
										38
										39
										40

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### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
25 W 52+50N	28	50	.6	20	1					1
53	19	30	.3	10	1					2
53+50	40	78	.3	30	1					3
54	42	72	.4	20	1					4
54+50	70	120	.3	190	1					5
55	30	148	.1	260	1					6
55+50	94	165	.1	235	1					7
56	16	34	.1	10	1					8
56+50	60	130	.2	100	1					9
57	40	132	.2	125	1					10
57+50	28	115	.1	60	1					11
58	20	48	.1	40	1					12
58+50	19	40	.1	10	1					13
59	18	30	.1	135	1					14
59+50	21	62	.1	100	1					15
25 W 60 N	20	54	.3	220	1					16
27+50W 30 N	40	62	.3	3850	1					17
30+50	2	12	.1	10	1					18
31	42	138	.3	165	20					19
31+50	62	510	.2	650	1					20
32	64	310	.2	600	1					21
32+50	22	48	.2	30	1					22
33	20	52	.1	80	1					23
33+50	21	50	.1	30	1					24
34	32	75	.1	100	1					25
34+50	35	70	.1	160	1					26
35	40	74	.1	35	1					27
35+50	74	95	.1	90	2					28
36	230	710	.2	680	2					29
36+50	105	390	.1	720	1					30
37	125	345	.1	1240	1					31
37+50	115	260	.1	660	1					32
38	65	200	.4	1180	1					33
38+50	55	185	.1	415	1					34
39	44	190	.2	460	1					35
39+50	30	200	.2	275	1					36
27+50W 40 N	22	105	.1	600	1					37
										38
										39
										40

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**GEOCHEMICAL ASSAY CERTIFICATE**

Disposition \_\_\_\_\_

SAMPLE No.		Pb	Zn	Ag	Ba	Au ppb				
27+50W	40+50N	24	145	.2	75	1				1
27+50W	41 N	25	780	.3	100	1				2
										3
29	W 31+50N	72	430	.3	840	1				4
	32	140	400	.1	300	1				5
	32+50	62	250	.1	370	1				6
	33	76	280	.1	195	1				7
	33+50	63	100	.1	60	1				8
	34	100	200	.1	75	1				9
	34+50	50	100	.2	45	1				10
	35	28	64	.1	10	1				11
	35+50	64	370	.1	680	1				12
	36	54	170	.1	290	3				13
	36+50	135	600	.4	700	1				14
	37	125	365	.1	1430	2				15
	37+50	390	1900	.4	280	1				16
	38	100	275	.2	1100	1				17
	38+50	50	260	.2	4400	1				18
	39	44	235	.1	4200	1				19
	39+50	30	370	.3	980	1				20
29	W 40 N	22	350	.5	400	1				21
										22
30	W 29 N	2	16	.1	10	1				23
	29+50	4	30	.1	25	1				24
	30	52	300	.1	95	1				25
30	W 30+50N	24	115	.4	220	1				26
										27
30	W 52+50N	26	360	.3	95	1				28
	53	42	230	.1	145	1				29
	53+50	27	225	.2	60	1				30
	54	16	72	.1	40	1				31
	54+50	20	125	.1	95	1				32
	55	2	32	.1	250	1				33
	55+50	10	48	.1	85	1				34
	56	12	480	.1	90	1				35
	56+50	18	415	.9	325	1				36
	57	20	205	.5	285	1				37
30	W 57+50N	34	245	.1	260	1				38
										39
										40

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**GEOCHEMICAL ASSAY CERTIFICATE**

10

SAMPLE No.				Pb	Zn	Ag	Ba	Au ppb					
30	W	58	N	12	180	.1	110	1					1
		58+50		25	900	1.4	290	1					2
		59		12	410	.6	115	1					3
		59+50		17	280	.4	160	1					4
		60		19	28	.1	75	1					5
		60+50		17	24	.1	100	1					6
30	W	61	N	26	160	.1	130	1					7
													8
31	W	31	N	34	360	.1	430	1					9
		31+50		160	540	.6	3400	1					10
		32		36	225	.2	2400	1					11
		32+50		120	1300	.1	1050	1					12
		33		38	225	.1	7000	1					13
		33+50		2	15	.1	25	1					14
		34		41	360	1.1	280	1					15
		34+50		110	405	.3	260	1					16
		35		30	72	.1	185	1					17
		35+50		190	260	1.4	190	1					18
		36		110	630	.6	620	1					19
		36+50		90	1000	.5	2400	1					20
		37		6800	5500	2.1	10000	1					21
		37+50		120	200	.4	1040	1					22
		38		56	240	.2	1100	1					23
		38+50		48	200	.1	2600	1					24
		39		70	380	.3	8400	1					25
		39+50		200	1400	.2	+2%	2					26
31	W	40	N	42	635	1.1	490	1					27
													28
32+50W		29	N	50	920	.2	5400	1					29
		29+50		31	240	.9	630	1					30
		30		46	400	1.8	1220	1					31
		30+50		190	290	.4	1440	1					32
		31		152	490	.2	5900	1					33
		31+50		450	1700	.1	+2%	1					34
		32		20	120	.1	2900	1					35
		32+50		7	30	.1	180	1					36
		33		24	2600	.1	7300	1					37
32+50W		33+50N		7	145	.1	240	1					38
													39
													40

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ASSAYER

*Dean Toyne*

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Soils

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**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
32+50W 34 N	4	27	.1	45	1					1
34+50	2	22	.3	40	1					2
35	64	350	.3	280	1					3
35+50	1000	3600	1.9	3150	1					4
36	320	2000	.4	4100	2					5
36+50	168	640	.3	3350	1					6
37	110	500	.3	1750	1					7
37+50	110	400	.1	3150	1					8
38	34	275	.1	+1%	1					9
38+50	39	250	.1	2750	1					10
32+50W 39 N	18	270	1.4	140	1					11
										12
35 W 28 N	14	255	1.7	125	1					13
28+50	6	120	.4	20	1					14
29	22	520	.7	90	3					15
29+50	14	68	.1	110	1					16
30	9	42	.3	50	1					17
30+50	42	70	.2	150	1					18
31	47	80	.2	120	1					19
31+50	64	135	.4	70	1					20
32	6	65	.1	180	4					21
32+50	14	170	1.3	120	1					22
33	13	270	1.9	25	1					23
33+50	20	215	2.0	25	1					24
34	18	130	2.7	10	1					25
34+50	16	200	2.6	10	1					26
35 W 35 N	18	390	2.3	30	1					27
										28
35 W 50+50N	9	225	.6	10	1					29
51	26	135	.5	75	1					30
51+50	23	120	.6	90	1					31
52	22	115	.3	70	1					32
52+50	38	120	.4	60	1					33
53	42	180	.1	105	1					34
53+50	72	78	.1	535	3					35
54	64	550	.6	345	1					36
54+50	54	760	.3	390	1					37
35 W 55 N	75	430	.5	490	1					38
										39
										40

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DIGESTION: .....

DETERMINATION: .....

DATE SAMPLES RECEIVED Sept. 13, 1980

DATE REPORTS MAILED Sept. 20, 1980

ASSAYER Dean Toy

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

80-1065

File No. \_\_\_\_\_

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

12

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
35W 55+50N	38	90	.1	105	2					1
56	24	60	.1	60	2					2
56+50	18	62	.1	140	4					3
57	70	180	.1	180	2					4
57+50	20	78	.1	230	1					5
58	64	140	.1	55	1					6
58+50	85	165	.1	50	1					7
59	65	300	.1	90	2					8
59+50	28	44	.1	115	2					9
60	20	40	.1	50	2					10
60+60	12	42	.1	65	2					11
61	11	30	.1	340	2					12
61+50	13	42	.1	40	1					13
62	34	75	.4	95	1					14
62+50	20	34	.2	75	1					15
63	18	36	.2	40	1					16
63+50	9	22	.1	45	1					17
64	19	45	.1	20	2					18
64+50	30	85	.2	10	2					19
35W 65 N	23	56	.1	45	1					20
										21
37+50W 21 N	20	58	.1	55	2					22
21+50	22	78	.2	150	1					23
22	33	105	.2	190	1					24
22+50	125	425	.6	100	1					25
23	86	300	.8	120	1					26
23+50	180	275	.2	55	1					27
24	30	135	.2	75	2					28
24+50	35	600	.3	100	1					29
25	72	210	.4	45	1					30
25+50	94	48	.1	35	1					31
26	105	11	.1	25	1					32
26+50	100	490	.6	35	1					33
27	48	200	.4	30	2					34
27+50	25	64	.8	30	2					35
28	300	1300	1.6	640	2					36
28+50	70	140	.3	530	2					37
37+50W 29 N	26	60	.3	120	2					38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 13, 1980

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To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-1065

Type of Samples Soils

Disposition

**GEOCHEMICAL ASSAY CERTIFICATE**

13

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
37+50W 29+50N	37	96	.1	100	1					1
30	28	85	.1	40	1					2
30+50	27	75	.3	40	1					3
31	50	125	.4	40	1					4
31+50	32	115	1.5	60	8					5
32	17	110	.8	10	1					6
32+50	6	58	.5	10	3					7
33	14	170	1.6	20	1					8
33+50	11	105	1.3	30	1					9
34	14	200	1.0	45	1					10
34+50	19	210	.5	10	1					11
37+50W 35 N	6	35	.3	10	1					12
										13
40 W 15 N	14	38	.1	40	1					14
15+50	23	65	.2	210	21					15
16	20	50	.1	50	1					16
16+50	7	18	.1	10	1					17
17	10	20	.1	10	1					18
17+50	18	44	.1	10	1					19
18	20	58	.1	10	1					20
18+50	16	30	.2	10	1					21
19	17	50	.2	30	1					22
19+50	30	98	.4	215	1					23
20	76	370	.4	130	1					24
20+50	68	360	.2	185	1					25
40 W 21 N	40	175	.1	680	3					26
										27
42+50W 22 N	70	240	.2	145	2					28
22+50	94	230	.2	130	1					29
23	92	310	.2	120	1					30
23+50	60	230	.3	2100	1					31
24	53	315	.3	180	1					32
24+50	67	320	.4	410	1					33
25	76	510	.5	60	1					34
25+50	52	335	1.4	170	3					35
26	73	220	2.8	60	1					36
26+50	84	340	.3	90	3					37
42+50W 27 N	18	145	1.6	140	1					38
										39
										40

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 DIGESTION:.....  
 DETERMINATION:.....

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ASSAYER

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phone: 253 - 3158

File No. 80-1065  
 Type of Samples Soils  
 Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

14

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb					
45W 15 N	50	175	.1	80	1					1
15+50	42	150	.3	210	1					2
16	38	75	.1	75	1					3
16+50	28	100	.1	70	1					4
17	28	98	.1	160	1					5
17+50	26	95	.1	140	1					6
18	29	125	.1	200	3					7
18+50	42	220	.2	75	1					8
19	43	205	.1	130	1					9
45W 19+50N	34	135	.1	170	1					10
										11
50W 15 N	16	28	.3	10	5					12
15+50	18	45	.2	35	1					13
16	10	34	.3	15	1					14
16+50	15	44	.2	25	1					15
17	18	50	.1	35	1					16
17+50	20	46	.1	30	1					17
18	13	26	.2	15	1					18
18+50	11	14	.1	10	1					19
19	21	40	.3	25	1					20
50W 19+50N	23	26	.1	50	1					21
										22
50W 15 N	21	220	2.2	510	1					23
15+50	36	950	2.1	390	3					24
16	32	195	.3	85	1					25
16+50	42	155	1.2	110	1					26
17	18	180	3.0	110	1					27
17+50	19	145	.4	340	1					28
18	17	48	.2	15	6					29
18+50	12	40	.2	10	2					30
19	20	36	.1	10	2					31
19+50	23	70	.3	65	11					32
20	16	38	.6	10	1					33
20+50	22	44	.1	15	2					34
55W 21 N	28	55	.4	20	2					35
										36
										37
										38
										39
										40

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DIGESTION:.....

DETERMINATION:.....

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DATE REPORTS MAILED Sept. 20, 1980

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

phone: 253 - 3158

File No. 80-1065

Type of Samples Silts

**GEOCHEMICAL ASSAY CERTIFICATE**

Disposition \_\_\_\_\_

15

SAMPLE No.	Pb	Zn	Ag	Ba	Au ppb				
M 96	32	105	.1	210	2				1
97	94	235	.1	375	4				2
98	20	54	.1	60	4				3
99	28	190	.1	935	1				4
100	24	50	.3	50	2				5
195	23	65	.2	170	2				6
M 196	25	16000	.2	410	2				7
									8
M 252	45	620	.2	160	1				9
253	41	590	.2	360	2				10
254	30	110	.1	70	3				11
255	35	130	.3	275	2				12
256	30	160	.4	390	2				13
257	25	136	.2	360	2				14
258	19	54	.1	40	1				15
259	20	60	.1	70	3				16
260	11	45	.1	220	3				17
261	12	55	.1	210	2				18
262	25	72	.1	20	1				19
263	20	370	.1	320	1				20
264	29	440	.2	390	2				21
265	21	74	.1	60	2				22
266	24	90	.4	110	2				23
267	26	85	.1	270	1				24
268	20	80	.1	200	10				25
269	28	730	.1	760	2				26
270	33	575	.1	330	2				27
271	46	520	.1	5150	40				28
M 272	24	125	.1	350	2				29
									30
A	115	52	.1	7500	3				31
B	92	160	.3	500	2				32
C	58	98	.2	520	1				33
D	56	160	.1	325	1				34
E	59	78	.1	340	4				35
F	63	105	.1	130	1				36
G	40	125	.1	70	2				37
H	8500	1000	.8	+1%	1				38
									39
									40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 13, 1980

DATE REPORTS MAILED Sept. 20, 1980

ASSAYER

*Dean Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





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Assaying & Trace Analysis

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

Telephone: 253-3158

File No. 80-1145

Type of Samples Rock

Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

2

No.	Sample	Ba%	Ca%						No.
1	13971	50.30	1.50						1
2									2
3									3
4									4
5									5
6									6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20

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DATE SAMPLES RECEIVED Sept. 24, 1980

DATE REPORTS MAILED Oct. 11, 1980

ASSAYER \_\_\_\_\_

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CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,  
1100 - 1199 W. Hastings St.,  
Vancouver, B.C.

ALVIE ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone:253-3158

File No. 80-1224

Type of Samples Soil

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

Project # 1266 "Comin Throu Bear"

SAMPLE No.	Pb	Zn	Ag	Ba									
BL 24 W	34	112	.1	3200									1
16 W 42+50 N	44	182	.2	375									2
43	184	520	.2	300									3
43+50	45	150	.2	115									4
44	58	260	.3	200									5
44+50	40	200	.2	160									6
45	42	300	.2	120									7
45+50	100	520	.3	155									8
46	62	200	.1	160									9
46+50	56	330	.3	1600									10
47	31	340	.4	920									11
47+50	26	134	.2	200									12
48	47	150	.1	190									13
48+50	37	88	.1	125									14
49	31	45	.3	130									15
49+50	22	56	.1	95									16
16 W 50 N	30	92	.3	150									17
17+50W 45+25AN	780	1700	.3	5900									18
45+25B	1530	2700	.4	8600									19
45+25C	120	2400	.4	8200									20
45+75A	3100	4500	1.0	3700									21
45+75B	1100	2000	.3	5400									22
17+50W 45+75CN	920	1200	.1	6100									23
18+75W 41+50 N	68	525	.1	500									24
42	66	230	.2	225									25
42+50	42	440	.3	730									26
43	52	300	.1	215									27
43+50	13	54	.1	1600									28
44	102	330	.2	450									29
44+50	128	600	.2	260									30
45	94	210	.1	190									31
45+50	88	220	.1	220									32
46	500	910	.4	3100									33
46+50	110	330	.3	630									34
47	530	900	.3	210									35
18+75W 47+50 N	850	1200	.2	200									36
													37
													38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 7, 1980

DATE REPORTS MAILED Oct. 15, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





To: Teck Explorations Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-1224

Type of Samples Soil

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

2

SAMPLE No.	Pb	Zn	Ag	Ba						
18+50W 48 N	520	830	.1	380						1
48+50	120	175	.1	300						2
49	52	240	.1	730						3
49+50	65	410	.2	390						4
18+50W 50 N	28	115	.1	135						5
										6
22+50W 42+50 N	19	50	.2	25						7
43	17	46	1.2	45						8
43+50	17	50	.8	40						9
44	29	2800	1.3	360						10
44+50	28	2700	.6	350						11
45	33	1800	1.5	155						12
45+50	44	200	.7	160						13
46	49	230	2.0	110						14
46+50	46	220	2.5	85						15
47	36	500	.9	125						16
47+50	42	185	.6	65						17
48	35	90	.1	120						18
48+50	80	118	.3	150						19
49	45	980	.6	175						20
49+50	21	55	.9	30						21
50	74	205	1.0	370						22
22+50W 50+50 N	23	68	1.2	65						23
										24
27+50W 41+50 N	18	130	1.2	35						25
42	34	55	.5	40						26
42+50	29	125	.9	90						27
43	19	105	.1	40						28
43+50	25	62	.1	45						29
44	23	72	.4	50						30
44+50	14	94	.1	20						31
45	25	300	2.0	70						32
45+50	14	28	.3	40						33
46	25	130	.2	60						34
46+50	24	116	.1	60						35
47	20	78	1.4	260						36
47+50	27	85	.6	25						37
27+50W 48 N	22	68	.4	20						38
										39
										40

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DETERMINATION:.....

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phone: 253 - 3158

File No. 80-1224

Type of Samples Soil

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

3

SAMPLE No.	Pb	Zn	Ag	Au	Ba						
27+50W 48+50 N	26	160	.5		15						1
49	37	140	.4		85						2
49+50	36	200	.5		70						3
27+50W 50 N	40	160	1.2		210						4
											5
30 W 37+30 N	40	475	.2		760						6
37+75	180	480	.3		3000						7
38+25	54	175	.1		7600						8
30 W 38+75 N	265	950	.2		1000						9
											10
32+50W 22 N	40	135	.2	.005	175						11
22+50	75	120	.3	.005	210						12
23	43	78	.2	.005	65						13
23+50	32	64	.2	.005	85						14
24	38	106	.3	.005	90						15
24+50	25	78	.5	.005	75						16
25	35	80	.1	.005	50						17
25+50	136	510	.3	.005	220						18
26	100	560	.1	.005	400						19
26+50	98	550	.1	.005	70						20
27	82	310	.3	.005	2200						21
27+50	58	330	.1	.005	4700						22
28	80	185	.2	.005	2800						23
32+50W 28+50 N	156	840	.3	.005	3400						24
											25
32+50W 31+25AN	125	420	.1		+1%						26
31+25B	138	510	.1		+1%						27
31+25C	122	320	.2		+1%						28
31+50A	570	2000	.3		+2%						29
31+50B	560	2500	.2		+2%						30
31+50C	750	4000	.2		+2%						31
32+50W 31+50DN	560	2300	.2		+1%						32
											33
35 W 21 N	37	90	.1		285						34
21+50	39	78	.2		75						35
22	25	48	.2		110						36
22+50	37	80	.6		70						37
35 W 23 N	32	75	.2		95						38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 7, 1980

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ASSAYER \_\_\_\_\_

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

Assaying & Trace Analysis  
852 E. Hastings St., Vancouver, B. C. V6A 1R6  
phone:253 - 3158

File No. 80-1224

Type of Samples Soil

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Pb	Zn	Ag	Ba								
35	W 23+50 N	39	80	.1	205								1
	24	44	135	.1	170								2
	24+50	45	200	.1	190								3
	25	112	810	.1	460								4
	25+50	184	520	.1	310								5
	26	24	72	.1	410								6
35	W 26+50 N	22	46	.4	230								7
													8
39	W 22 N	166	540	.2	520								9
	22+50	158	500	1.2	155								10
	23	72	220	.1	140								11
39	W 23+50 N	84	550	.3	160								12
													13
40	W 22 N	170	800	1.4	200								14
	22+25	275	720	.8	420								15
40	W 22+75 N	39	390	.1	730								16
													17
41	W 21+75 N	56	410	.3	275								18
	22	37	170	.1	155								19
	22+50	72	810	1.2	160								20
	23	60	420	1.4	720								21
41	W 23+50 N	82	880	1.2	210								22
													23
BE	1	33	5700	.2	750								24
	2	37	4600	.5	780								25
BE	3	38	3200	.7	830								26
													27
CM	1	76	95	.2	195								28
	2	45	60	.1	160								29
													30
													31
SINK-HOLE	1	200	1000	2.8	180								32
	2	56	110	.2	135								33
SINK-HOLE	3	150	270	.1	140								34
													35
													36
													37
													38
													39
													40

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DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 7, 1980

DATE REPORTS MAILED Oct. 15, 1980

ASSAYER Dean Toyé

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Teck Explorations Ltd.,

Assaying & Trace Analysis

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

phone: 253 - 3158

File No. 80-1224

Type of Samples silt & Rock

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	Au	Ba					
M 273	31	20	84	.1	.005	105					1
274	13	24	76	.1	.010	480					2
275	21	69	80	.5	.005	125					3
276	29	34	78	.2	.005	140					4
277	8	14	40	.1	.005	195					5
278	12	57	120	.1	.005	1020					6
279	16	18	125	.1	.005	260					7
280	32	23	68	.1	.005	175					8
281	18	29	120	.1	.005	35					9
282	11	13	52	.1	.005	180					10
283	7	14	48	.1	.005	25					11
284	9	19	62	.1	.005	110					12
285	6	34	105	.1	.005	560					13
286	63	22	185	.6	.010	290					14
287	8	22	135	.1	.005	820					15
288	13	33	100	.1	.005	1100					16
M 289	17	31	105	.1	.005	120					17
17920	R	137	630	.4							18
											19
											20
											21
											22
											23
											24
											25
											26
											27
											28
											29
											30
											31
											32
											33
											34
											35
											36
											37
											38
											39
											40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

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To: Teck Explorations Ltd.,  
1100 - 1199 W. Hastings St.,  
Vancouver, B.C.  
V6E 2K5

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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

Telephone: 253 - 3158

OCT 21 1980

File No. 80-1223

Type of Samples Rock

Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

No.	Sample	Pb%	Zn%	Ag oz/ton	Ba%	Fe%		No.
1	10076	.06	.18	.01	13.60	.33		1
2	10077	26.70	1.40	.37	13.60	.28		2
3	10078	.35	.04	.04	1.50	.23		3
4	10079	.17	.03	.01	1.05	.33		4
5	10080	.03	.02	.02	.35	.20		5
6	10081	.02	.01	.01	.25	.11		6
7	10082	.01	.01	.02	.30	.08		7
8	10083	.01	.01	.01	.25	.09		8
9	10084	.01	.01	.01	.60	.51		9
10	10085	.01	.01	.01	2.10	.41		10
11	10086	.01	.01	.02	.40	.12		11
12	10087	.01	.01	.02	.35	.13		12
13	10088	.01	.01	.01	.30	.19		13
14	10089	.01	.01	.01	.30	.13		14
15	10090	.03	.32	.01	37.50	.24		15
16	10091	.02	.03	.01	3.50	.31		16
17	10092	.01	.02	.01	1.40	.23		17
18	10094	.01	.01	.01	8.10	.24		18
19								19
20								20

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DATE SAMPLES RECEIVED Oct. 8, 1980

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ASSAYER \_\_\_\_\_

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CHIEF CHEMIST  
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852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

80-1223

File No. -----

Type of Samples ----- Rock

Disposition -----

# ASSAY CERTIFICATE

2

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton	Ba%	Fe%	No.
1	10095		.01	.01	.01		7.30	.30	1
2	10096		30.30	2.20	.33		28.80	.27	2
3	10097		4.25	.13	.05		15.80	.26	3
4	10098		.14	.03	.01		1.05	.15	4
5	10099		.19	.02	.01		12.80	.14	5
6	10100		.01	.01	.01		5.50	.16	6
7									7
8	17903		.01	.04	.02		4.55	.22	8
9	17904		.46	1.30	.04		30.60	.29	9
10	17905		12.10	.41	.19		43.10	.18	10
11	17906		.05	.02	.01		.45	.17	11
12	17907		.08	.02	.01		.65	.18	12
13	17908		.01	.01	.01		.25	.39	13
14	17909		9.85	21.10	.94				14
15	17910		0.16	6.15	.06				15
16	17911		.17	.41	.01				16
17	17912	.01	.06	.66	.46	.001			17
18	17913	.01	.23	.91	.16	.001			18
19	17914		.02	.07	.02		.40	.78	19
20									20

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*Dean Toyne*

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Telephone: 253 - 3158

File No. 80-1223

Type of Samples Rock

Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

No.	Sample	Pb%	Zn%	Ag oz/ton	Au oz/ton	Ba%	Fe%	No.
1	17915	.03	.03	.01		.45	.25	1
2	17916	.02	.02	.01				2
3	17917	.03	.02	.01		.50	.28	3
4	17918	.02	.03	.01		44.80	.62	4
5	17921				.001			5
6	17922				.001			6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

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DATE SAMPLES RECEIVED Oct. 8, 1980

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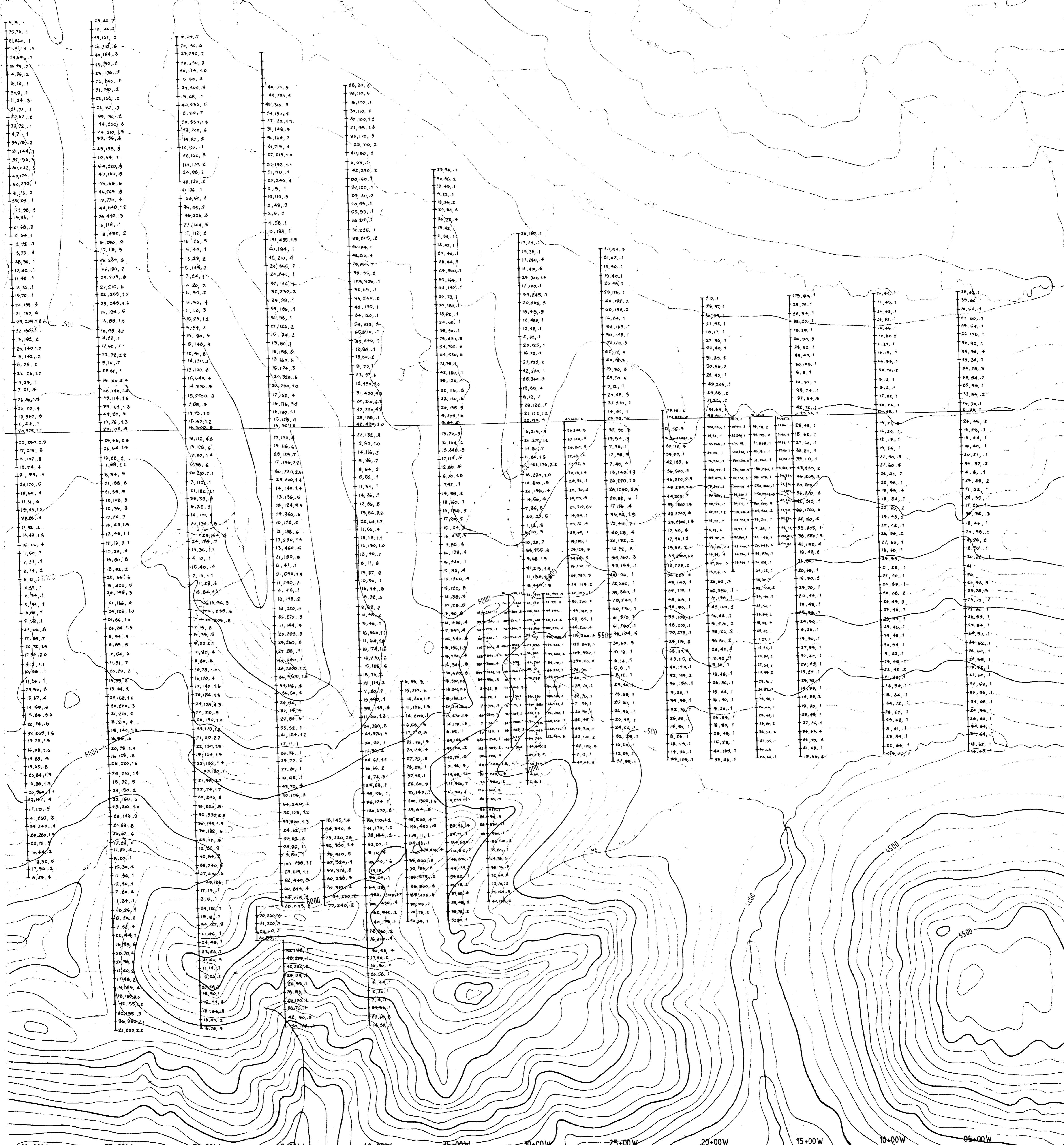
ASSAYER \_\_\_\_\_

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





MOUNT KIMBALL



MINERAL RESOURCES RESEARCH  
ASSESSMENT REPORT

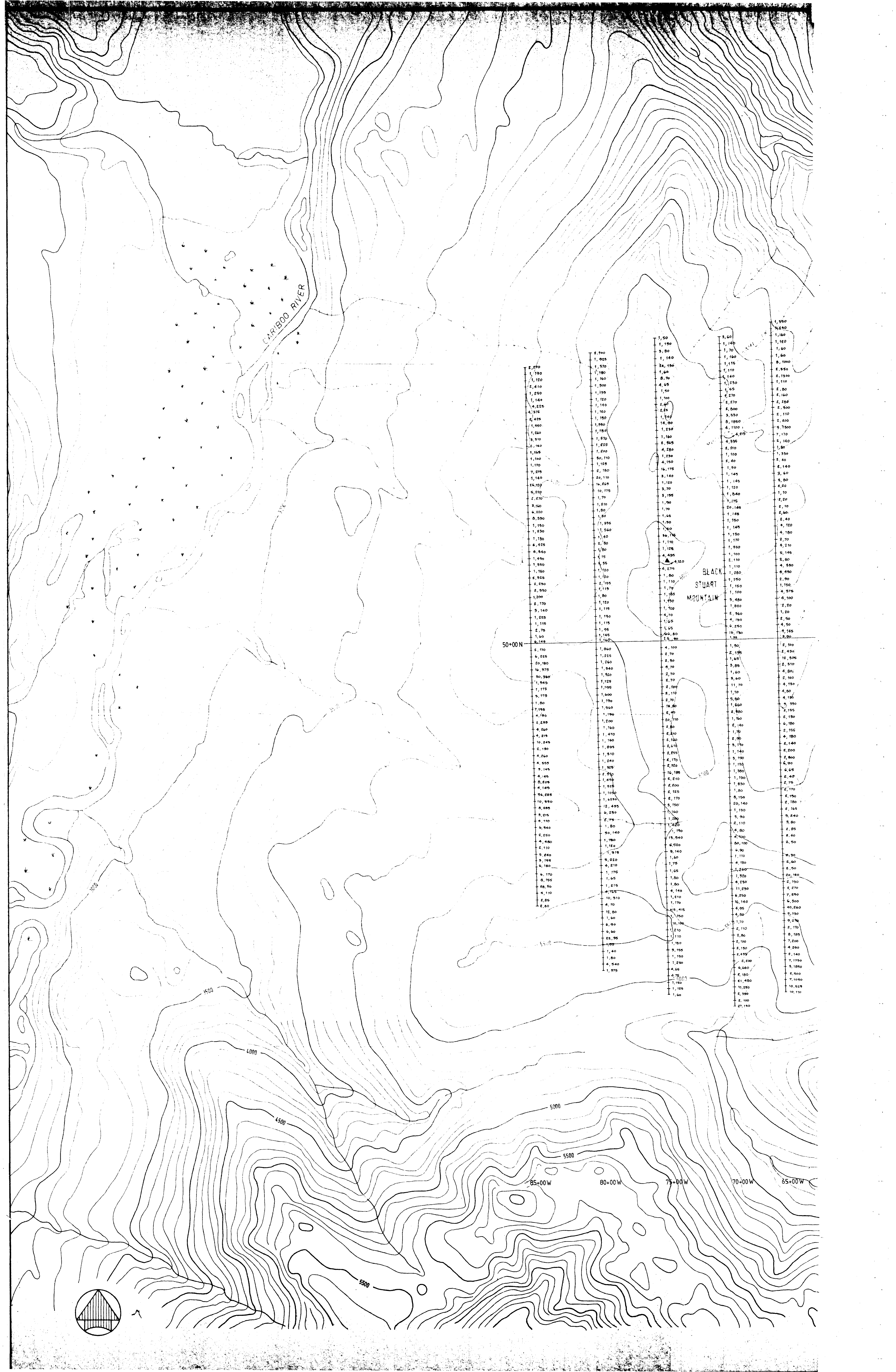
8582

Fig 3

COMIN THROU BEAR PROPERTY

CARIBBO, N.S.  
SOIL - GEOCHEMICAL MAP  
PH 20/05

LEGEND

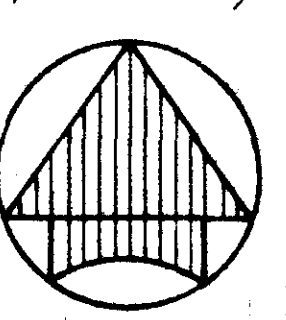


CARIBOU RIVER

BLACK  
STUART  
MOUNTAIN

50+00N

85+00W 80+00W 75+00W 70+00W 65+00W





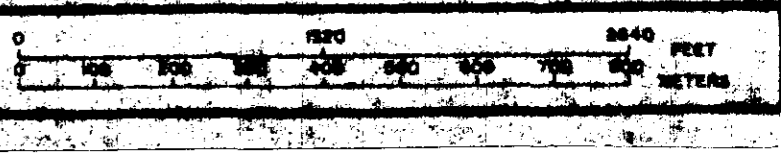
MOUNT  
KIMBALL

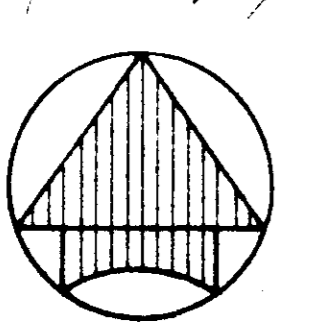
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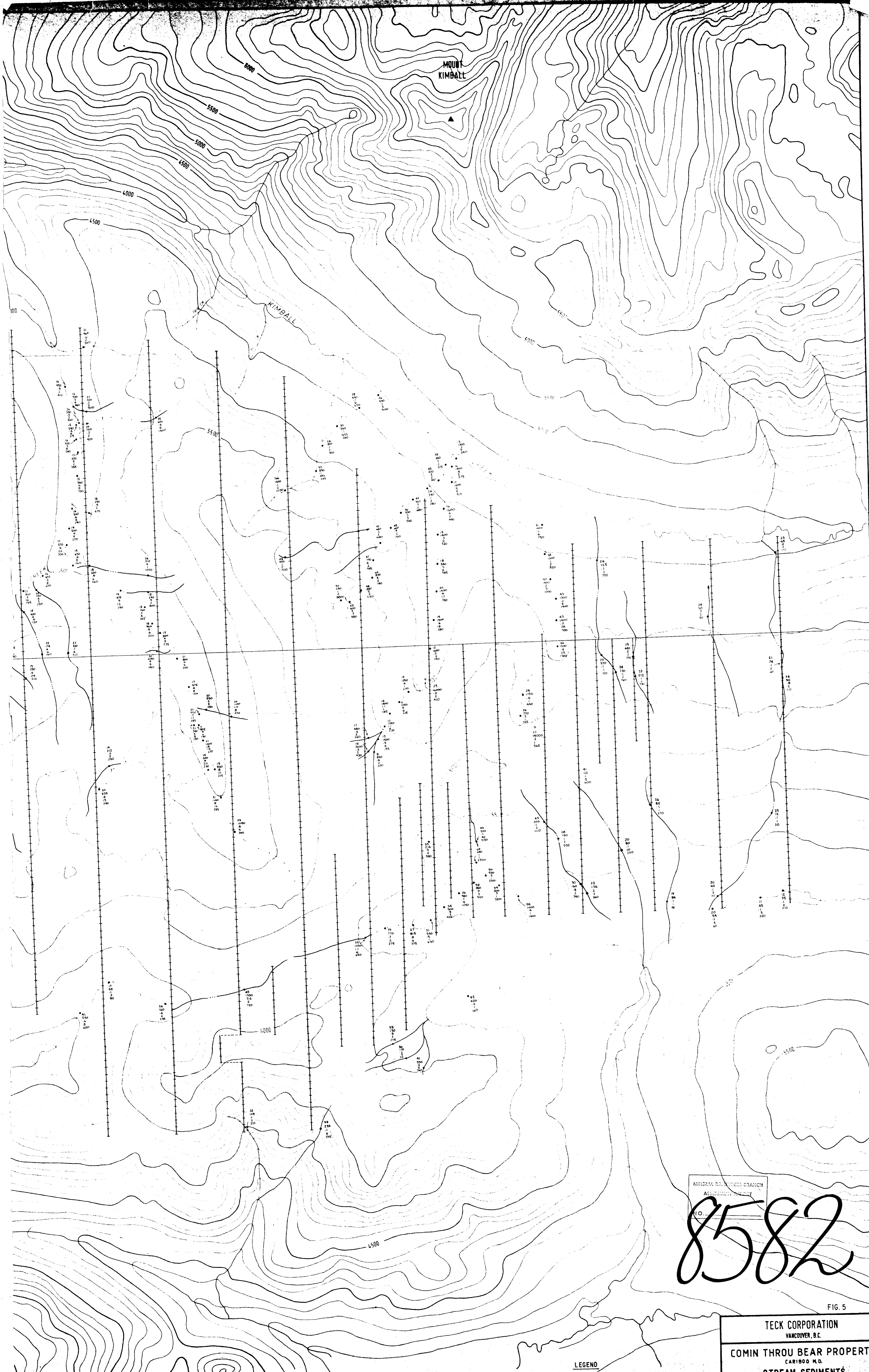
Fig. 4

LEGEND  
 ↑ Au, Ba  
 ↓ Pp, Ppm

TEC CORPORATION  
 VANCOUVER, B.C.  
 COMIN THRU BEAR PROPERTY  
 CARIBOO M.D.  
 SOIL- GEOCHEMICAL MAP  
 Au-Ba







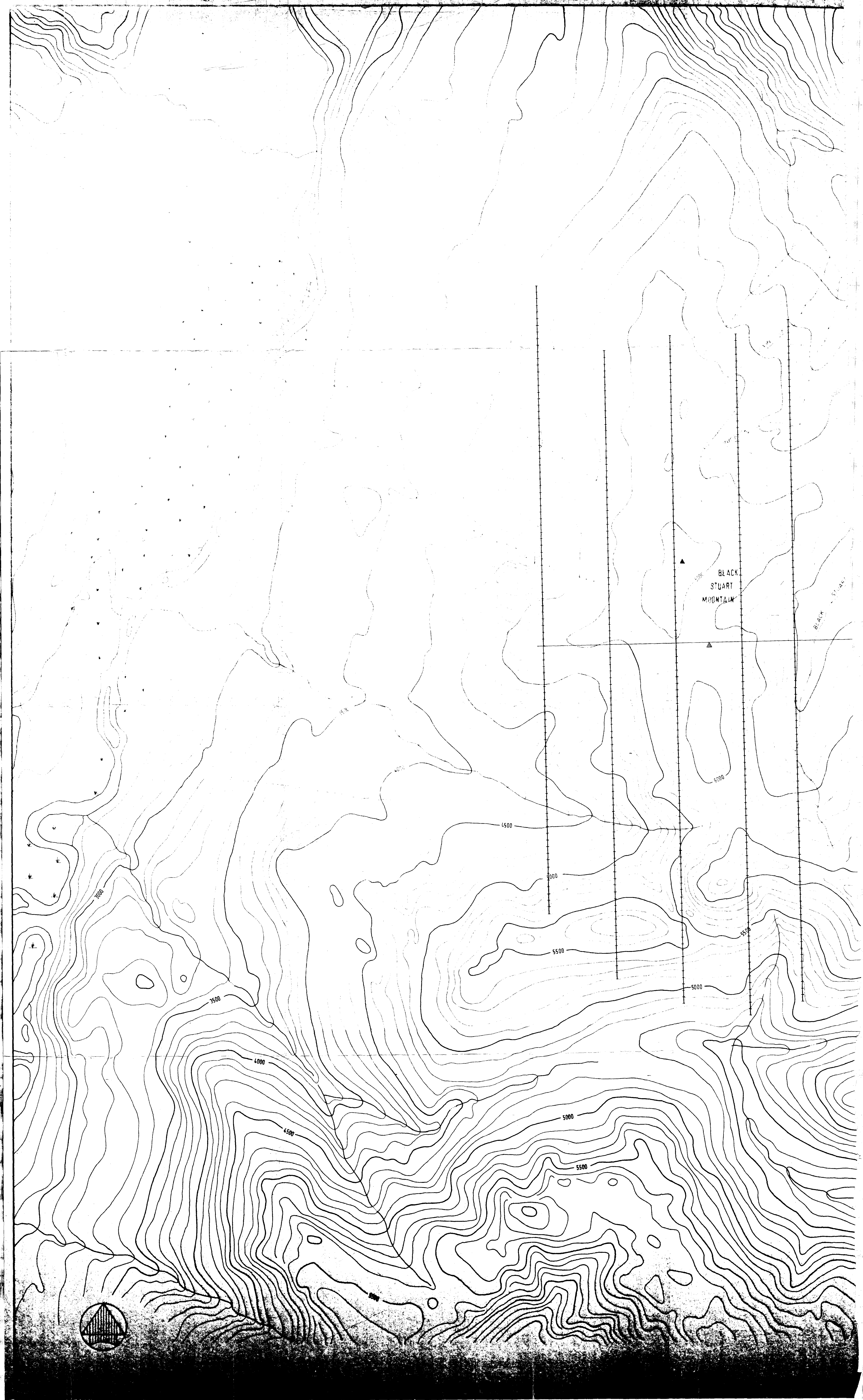
MINERAL RESOURCES BRANCH  
ASSIGNMENT REPORT  
No. 8582

8582

FIG. 5

TECK CORPORATION  
VANCOUVER, B.C.  
COMIN THRU BEAR PROPERTY  
CARIBOO M.D.  
STREAM SEDIMENTS

LEGEND  
• Point Pot  
Pb - ppm  
Zn - ppm  
Ag - ppb  
Au - ppb  
Ba - ppm



BLACK  
STUART  
MOUNTAIN

BLACK  
STUART

3500

4000

4500

4500

5000

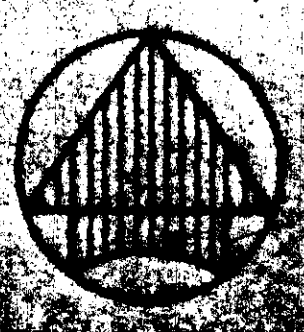
5500

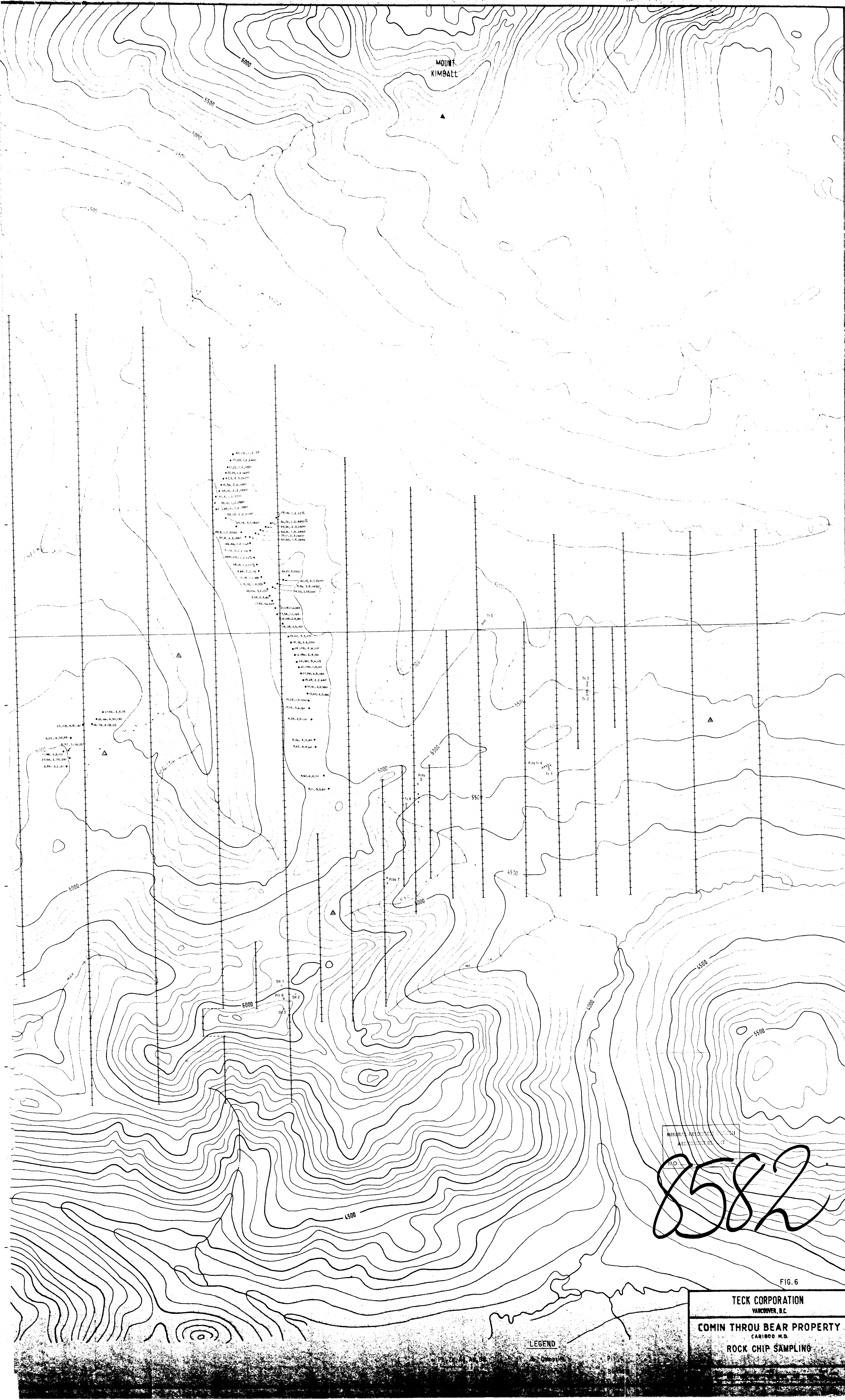
5000

5000

5500

5500





40.12, 1.2.35  
 41.21, 1.2.3600  
 42.31, 1.2.3650  
 43.41, 1.2.3700  
 44.51, 1.2.3750  
 45.61, 1.2.3800  
 46.71, 1.2.3850  
 47.81, 1.2.3900  
 48.91, 1.2.3950  
 50.01, 1.2.4000  
 51.11, 1.2.4050  
 52.21, 1.2.4100  
 53.31, 1.2.4150  
 54.41, 1.2.4200  
 55.51, 1.2.4250  
 56.61, 1.2.4300  
 57.71, 1.2.4350  
 58.81, 1.2.4400  
 59.91, 1.2.4450  
 60.01, 1.2.4500  
 61.11, 1.2.4550  
 62.21, 1.2.4600  
 63.31, 1.2.4650  
 64.41, 1.2.4700  
 65.51, 1.2.4750  
 66.61, 1.2.4800  
 67.71, 1.2.4850  
 68.81, 1.2.4900  
 69.91, 1.2.4950  
 70.01, 1.2.5000  
 71.11, 1.2.5050  
 72.21, 1.2.5100  
 73.31, 1.2.5150  
 74.41, 1.2.5200  
 75.51, 1.2.5250  
 76.61, 1.2.5300  
 77.71, 1.2.5350  
 78.81, 1.2.5400  
 79.91, 1.2.5450  
 80.01, 1.2.5500  
 81.11, 1.2.5550  
 82.21, 1.2.5600  
 83.31, 1.2.5650  
 84.41, 1.2.5700  
 85.51, 1.2.5750  
 86.61, 1.2.5800  
 87.71, 1.2.5850  
 88.81, 1.2.5900  
 89.91, 1.2.5950  
 90.01, 1.2.6000  
 91.11, 1.2.6050  
 92.21, 1.2.6100  
 93.31, 1.2.6150  
 94.41, 1.2.6200  
 95.51, 1.2.6250  
 96.61, 1.2.6300  
 97.71, 1.2.6350  
 98.81, 1.2.6400  
 99.91, 1.2.6450  
 100.01, 1.2.6500

MINERAL RESOURCES BRANCH  
 ASSOCIATED REPORT  
 NO. 1

8582

FIG. 6

**TECK CORPORATION**  
 VANCOUVER, B.C.  
**COMIN THRU BEAR PROPERTY**  
 CARIBOO M.D.  
**ROCK CHIP SAMPLING**

LEGEND

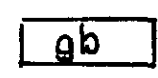
TECK CORP  
COMIN' THRU BEAR PROPERTY  
GEOLOGY

by H.J. Greenwood, P.Eng., 1980

Abundant quartz veins



Gabbroic intrusives



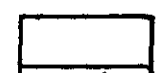
LOWER ORDOVICIAN Black Stuart Formation

Siliceous black slate, siltstone

Laminated quartzite

Pillow-lava

Chert-dolostone breccia & conglomerate



LOWER CAMBRIAN

Dome Creek Formation (slate)

Mural Formation (limestone)



UPPER HADRYNIAN

Yankee Belle Formation (phyllite)

Cunningham Formation (marble)



Foliation

Lination dot shows vergence

Fault, dot on down-thrown side

Contacts

Defined ±5 meters

Approximate ±15 meters

Inferred

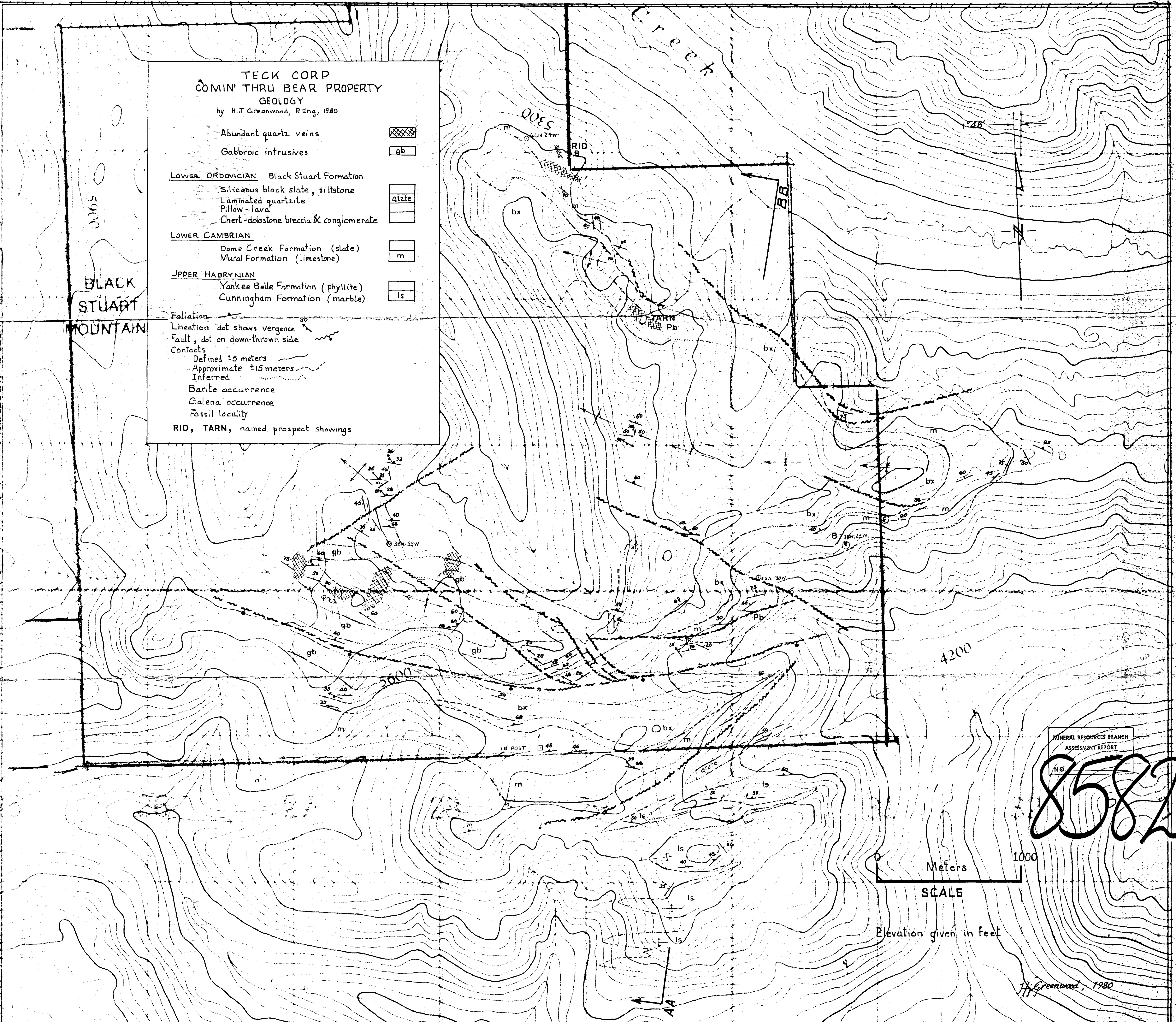
Barite occurrence

Galena occurrence

Fossil locality

RID, TARN, named prospect showings

BLACK  
STUART  
MOUNTAIN



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

8582

1000  
Meters

SCALE

Elevation given in feet

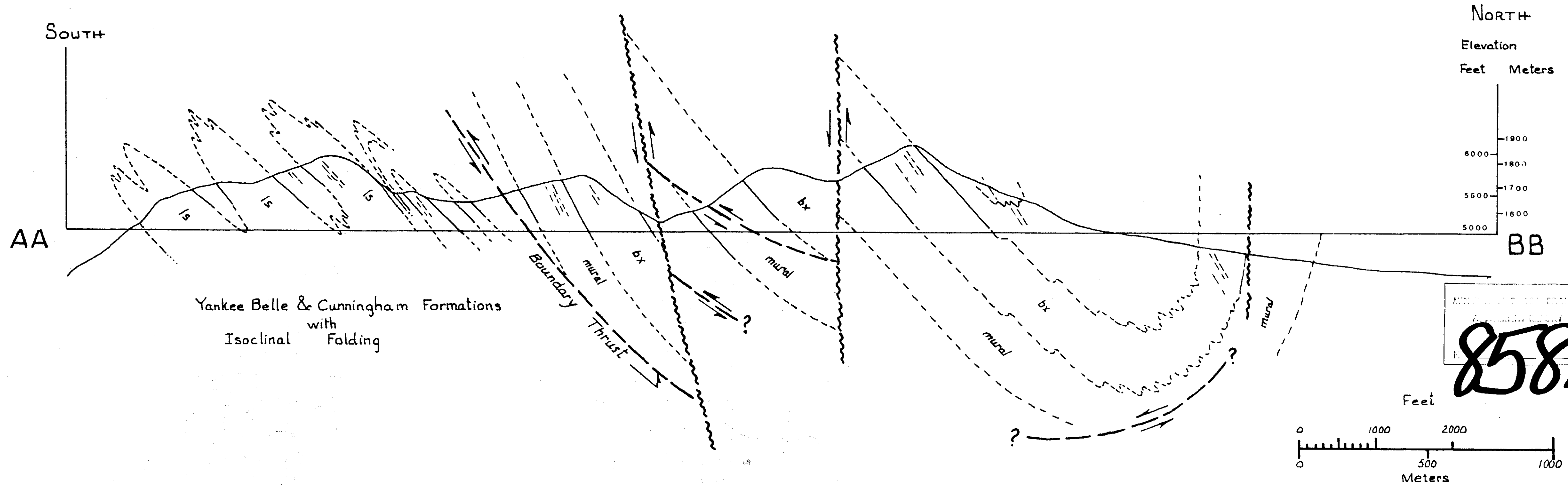
H.J. Greenwood, 1980



# TECK CORP "COMIN' THRU BEAR" PROPERTY

## N-S Geological Cross-section AA-BB

Accompanies Map at the same scale



Yankee Belle & Cunningham Formations  
with Isoclinal Folding

MINI-COMPUTER DESIGN  
AUGUST 1980

8582

Hj Greenwood Aug - Sept, 1980

Hjg '80

SCALE  
Vertical & Horizontal