

LOG NO: 1026	FD.
ACTION:	
FILE NO: 87-674-16318	

ASSESSMENT REPORT ON
REVERTED CROWN GRANTS
LOTS 265,266,267,268,269
SULPHURETS CREEK
NTS 104B/8WSKEENA MINING DIVISION
LATITUDE: $56^{\circ}29'12''$
LONGITUDE: ~~129-29-30~~ 130'26'

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,318

OWNER: Ritsuko Tsurugida (E.R. Kruchkowski Agent For)
OPERATOR: Bighorn Development Corporation
AUTHOR: E. Horne
DATE: September 25, 1987

FILMED

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1.0 EXECUTIVE SUMMARY

This assessment report on the reverted Crown Grants Lots 265 to 269 is submitted to the British Columbia Ministry of Energy Mines and Petroleum Resources in partial compliance with the Mines Regulation Act pertaining to application for assessment work credit. The reverted Crown Grants (L265 to 269) comprising the Cumberland Group of claims contain 75.29 hectares.

The work was performed from the 28th to the 30th of June 1987 under the direction of E.R. Kruchkowski Consulting Ltd. The field work consisted of rock and silt geochemical reconnaissance sampling as well as general prospecting. Known deposits on the claim include the original Cumberland showing (B.C. Minister of Mines Report 1935 PP B11-12) which is included in Appendix C. Two grab sample analyses from exposures on the old workings returned values of .126 oz/ton Au, 4.94 oz/ton Ag and 0.064 oz/ton Au and 9.79 oz/ton Ag. Another rock geochemical sample in the "Silver Creek Showing" area returned a value of 102.15 oz/ton Ag.

Further work was recommended and subsequently done on these properties after this initial field investigation. Another program is presently being planned for 1988.

2.0 INTRODUCTION

2.1 Terms of Reference

Bighorn Development Corporation commissioned E.R. Kruchkowski Consulting Ltd. and E. Horne to locate historical showings and perform the assessment work on these claims. The primary mineralization targets were for precious metals (gold and silver). The Cumberland Group of claims consist of the following reverted Crown Grants.

<u>Record Number</u>	<u>Crown Grant Lot Number</u>	<u>Area</u>	<u>Anniversary Date</u>
5473	Cumberland L265	13.86	August 1, 1986
5474	Silver Pine L266	15.97	August 1, 1986
5475	Middlesex L267	20.85	August 1, 1986
5476	Ziphis L268	11.63	August 1, 1986
5477	Ougma L269	12.98	August 1, 1986

2.2 Location and Access

The claims are located in the Skeena Mining Division NTS 104B/8. The property is on the south bank of Sulphurets Creek, latitude $56^{\circ}29'$ longitude $129^{\circ}29'30''$, approximately 1.2 kilometres east of the Sulphurets Creek Unuk River confluence. See figures 1 and 2. Access to the claims was by Bell 206 Jet Ranger helicopter from a base camp located in the vicinity of Brucejack Lake approximately 20 kilometres east. Travel cost to the property are credited to work that was done concurrently on the Corey claims in the same general vicinity. A helipad is available on the old main workings.

2.3 Physiography and Climate

The property is located in very steep terrain in the vicinity of the Sulphurets Creek Canyon. The elevations vary from 884 metres (2900 feet) to 213 metres (700 feet) A.M.S.L. The area is densely timbered with spruce, low points and gulleys contain abundant devils club and alder undergrowth.

2.4 History and Ownership

The Cumberland Group of claims was originally staked in 1898. The property has subsequently had numerous owners. A re-typed summary from the British Columbia Report of the Minister of Mines, 1935 pp B11-12 is included in Appendix A.

The current owner of the claims is Ritsuko Tsurugida FMC 297219. The operator is Bighorn Development Corporation. E.R. Kruchkowski is an agent on behalf of both parties. The claims were grouped in August of 1987 (Cumberland Group) and the known deposit in the area is called Cumberland or Daly (Au, Ag) deposit number 104B/11.

2.5 Previous Work Summary

Previous work is documented in reports by the Minister of Mines British Columbia as follows:

<u>Year</u>	<u>Page</u>
1901	994
1903	54
1906	72
1919	60
1923	87
1935	B9-11
1905	GSC Summary Report P51

Other more recent summaries of the property are included in the October 1964 Western Miner P36 and Assessment Report 8769 (1980) for E & B Exploration Ltd.

2.6 Summary of Recent Work Program

The recent work conducted by E.R. Kruchkowski, E. Horne and D. Lund from the 28th to the 30th of June 1987 consisted of the following:

- Locating and adit and crosscut on L265 at approximately 380 metres elevation 1300 metres east of the confluence of Sulphurets Creek and the Unuk River.

- Collecting two (2) grab samples from 0.5 metre wide zone on the east side of the adit. See figure 3.
- Prospecting on Lots 265,266, 269 and adjoining claims Corey 28 and 29.
- A total of seven (7) rock geochemical samples, three on Lot 265 and one on Lot 269. The remainder on Corey claims.
- A total of six (6) silt and one (1) soil geochemical samples were collected. The breakdown is two on lot 265 and three on Lot 269 (including one soil sample). The remainder were again on the Corey claims.

3.0 GEOLOGICAL DATA

3.1 General Geology

The claims are located within intermediate (dacite/andesite) composition volcanic flows, pyroclastics and pillow lavas of the Lower Jurassic Unuk River Formation.

The Eocene and older Coast Plutonic Complex occurs to the west and Salmon River Formation sediments to the east. Other intrusives in the vicinity are a syeno-diorite intrusive centred on Unuk Finger Mountain and diorite centred on Twin John Peaks. Dioritic rocks were also noted near the top of Mount Madge. Other formations noted on the property consisted of banded chert/argillite horizons and some carbonate "breccia" or stockwork in the vicinity of "Devils Club" Creek. Also, one lamprophyre dike was found in the vicinity of the Cumberland workings.

3.2 Structural Geology

The volcanics are relatively massive, and in part fractured in a complex way. Shearing was noted parallel to the direction of Devils Club Creek. The Cumberland Showing Figure 3 was noted to occur in an area of intense shearing and fracturing. Mineralization appears to strike on a trend of Az 150 and appears displaced along intense fracturing Az. 210 - 230.

Jointing is pervasive in the vicinity of the volcanics. Joints measured were as follows: Az 045 @ 60° SE., Az 140 @ 60°-70° NE., Az 165 @ 45° NE.,

The country rock in the vicinity of the Cumberland showing consists of highly microfractured andesite with thin quartz pyrite fracture fill.

Other sulphides noted are sample size chalcopyrite, sphalerite and traces of galena. A 0.5 to 0.75 metre zone occurs at the Cumberland adit entrance. This heavily mineralized zone strikes Az 140-150 and dips 85° N.E.

At the Silver Creek showing, Figure 3, shearing trending Az 175 @ 65° E to Az 170 @ 80° E was noted. Also some cross shearing and slickensides trending Az 300 @ 60° S was measured. A pronounced topographic lineament trending Az 005 runs through the eastern one-third of Lot 269. This linear trend is shown on Figure 3.

3.3 Economic Geology

Gold mineralization in the Sulphurets area is generally considered to be epithermal in nature. The mineralization is confined to quartz carbonate veins and stockworks with up to 20% sulphides. The mineralization is structurally controlled and usually occurs in volcanic rocks. On the Cumberland showing the mineralization consists of a 0.5 to 0.75 metre wide zone half of which contains 50% sulphide mineralization and half of which contains a weathered porous sericite schist with 20% sulphides. This zone is bounded to the east by an envelope of disseminated pyritic andesite (subtle stockwork). The massive sulphide zone contains the following mineralization; sphalerite (30%), pyrite (20%), chalcopyrite (5%), galena (1.0%), gangue (44%). The disseminated envelope contains 5-15% pyrite and 1-5% chalcopyrite. Some sphalerite and galena were also noted.

On the Silver Creek showing the mineralized zone consisted of a 5 cm. wide quartz carbonate fracture fill with tetrahedrite and proustite? (ruby silver).

Manganese stained float in Devils Club Creek, Figure 3, frequently consisted of a greenish-buff carbonate stockwork with some pyrite and sphalerite.

4.0 GEOCHEMICAL DATA

4.1 Silt Geochemical Data

The results of the silt geochemical sampling are plotted on Figure 4 and Map 1 (back folder). The descriptions are summarized on Table 1 Appendix C. The silt sampling indicated anomalous silver values in the vicinity of Devils Club Creek. The values are 1.78 and 2.47 oz/ton silver on samples CG-01 and 02. Sample CG-08 on Silver Creek also indicated anomalous silver with a value of 6.2 ppm.

4.2 Rock Geochemical Sampling

The results of the rock geochemical sampling are plotted on Figure 4 and Map 1. The sample descriptions are included in Table II Appendix C. The rock geochemical results produced gold and silver anomalous values in the high grade grab samples taken from the Cumberland Showing. The samples returned assays as follows:

- sample EK-1 .126 oz/ton Au 4.94 oz/ton Ag.
- sample EK-2 .064 oz/ton Au 9.79 oz/ton Ag.

Sample CGR-07 chipped over a 5 cm. carbonate ruby silver vein returned a value of 102.15 oz/ton Ag. Sample CGR-01 in the vicinity of Devils Club Creek returned anomalous values of 830 ppb Au and 24.3 ppm Ag.

4.3 Soil Geochemical Sampling

One soil geochemical sample CGS-03 in a lineament trending Az 005 returned values of 20 ppb Au and slightly anomalous silver (2.0 ppm).

Other soil sampling, in the vicinity of Silver Creek, has not yet been completely reviewed by in-house personnel due to pressing field work on other claims in the Stewart area. Figure 4A includes this plotted data for purposes of general review only, summaries of this data will follow at another date with another work statement.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

There are at least three (3) zones or areas that contain significant precious metal values, these are:

- The Cumberland Showing which contains both gold and silver values of economic interest.

- The Silver Creek Showing which contains some thin zones with high silver values.

- Devils Club Creek which contains high silver values in stream sediments.

On the basis of the above noted showings further work is progressing on the property.

5.2 Recommendations

Further more detailed work is presently underway; results of the work which consists of rock geochemical sampling, geological mapping and prospecting has not yet been systematically reviewed and therefore will be reported at a later period after review of the data by all the field personnel that performed the work.

6.0 QUALIFICATIONS AND CERTIFICATION

6.1 Statement of Qualifications (Author)

I, Emmet J. Horne of the City of Calgary, in the Province of Alberta, certify the following:

- I am a graduate geologist residing at Apt. 608, 920 - 9 Avenue S.W., Calgary, Alberta.
- I graduated in geology at the University of Saskatchewan (Saskatoon) in 1967 and one post graduate year in 1970 (total 5 years). I have practiced my profession since then.
- I am a member of the Canadian Institute of Mining and Metallurgy and have an application for membership as a professional geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta. This has recently been approved.
- Previous employers and positions are:
 - . Saskatchewan Department of Mineral Resources
 - . Ontario Department of Mines (Senior Geologist)
 - . Noranda Mines Geco Division (Staff Geologist)
 - . Scurry Rainbow Oil Ltd. (Senior Geologist)
 - . Scurry Rainbow Bolivia Ltda. (Project Geologist, Supervisor)
 - . Iron Ore Company of Canada Ltd. (Senior Geologist, Supervisor)
 - . Syncrude Canada Ltd. (Senior Geologist, Supervisor)
 - . Aurum Mines Ltd. (Senior Geologist).

Since 1983 I have been employed as a contract geologist. I have worked in Canada, South America and the U.S.A.



7.0 REFERENCES

Grove, E.W., 1971

Geology and Mineral Deposits of the Stewart Area, B.C., British Columbia
Department of Mines and Petroleum Resources Bulletin No. 58.

Grove, E.W., 1983

Geology and Mineral Deposits of the Unuk River - Salmon River - Anyox
Map Area B.C. Ministry of Energy Mines and Petroleum Resources Bulletin
No. 63.

- Replica of British Columbia Minister of Mines Annual Reports 1901, 1903,
1906, 1919, 1923, 1935.

1980

British Columbia Ministry of Energy Mines and Resources Assessment
Report 8769.

APPENDIX A

PREVIOUS HISTORY

REPORT OF THE MINISTER OF MINES, 1935

CUMBERLAND

This group, sometimes referred to as the Daly group, consists of the Cumberland, Silver Pine, Middlesex, Xyphis, and Ougma Crown-granted claims and is owned by George E. Olmstead, Madison and Walnut streets, Danville, Ill. The property is situated on the Mount Madge ridge-slope to the south side of Sulphurets creek, about 2 miles from its mouth. The main showings are at elevations of 1,200 and 1,350 feet. Densely timbered and rugged slopes rise to the crest of the ridge, which is about 5,500 feet in elevation. The ridge-crest continues easterly for about 2 miles and then rises abruptly to the precipitous triangular peak of Mount Madge, the elevation of which is approximately 7,500 feet.

The property is reached by trail to the mouth of Sulphurets creek. The old trails that once extended up the mountain-slope to the property are now so densely overgrown that the easiest route through the "bush" is followed.

The property was staked about 1808 by H.W. Ketchum, who later in association with a man named Daly and with Ceperley, Rounsefell & Company, of which E. Olmsted was secretary. During the subsequent two years some development-work was carried out on the property and in 1903 the construction of a wagon-road from Burroughs bay was started. The attempt to transport machinery to the property failed and operations ceased. In 1931 the group was purchased by the present owner at a tax sale, but no further work has been done. At an elevation of 1,400 feet and about 300 feet westerly from the upper adit the decayed remains of a bunk-house and assay office overgrown by dense underbrush may be seen.

The rocks of the locality include argillites and dense andesitic tuffs and lavas intruded by several light-coloured siliceous dykes and lamprophyre dykes. The mineral deposits occur close to the contacts of the sediments and volcanics and have been developed by two short adits. The mineral deposits include two types: -

(1.) A sheared fissure-vein mineralized with quartz, calcite, barite, pyrite, galena, sphalerite, stibnite, tetrahedrite (grey copper), and argentite. The values are mainly in silver.

(2.) A quartz replacement-zone mineralized mainly with pyrite, pyrrhotite, chalcopyrite, sphalerite, and galena, and carrying appreciable gold values.

At an elevation of 1,200 feet a sheared and brecciated zone intersected by a lamprophyre dyke occurs in volcanics. The zone strikes north 39 degrees west, dips steeply north-easterly, and contains small and irregular lenses and stringers of quartz, barite, and calcite. With the exception of some pyrite, the zone is practically barren of sulphide mineralization where exposed. On the north side of the dyke an adit, timbered for 20 feet from the portal, has been driven for 51 feet in a direction south 39 degrees east. An irregular quartz vein up to 10 inches in width, also some barren quartz and calcite patches and stringers, are seen in this adit between the timbering and the face. The latter is in crushed rock with a few horizontal seams of calcite. A slip striking north and dipping a few degrees east crosses the working about 15 feet from the face. The presence in a

near-by small dump of cobbled vein material of quartz, calcite, and barite gangue well mineralized with pyrite, galena, sphalerite, tetrahedrite (grey copper), stibnite, and some argentite indicates that some mineralization occurred in this working. The location of this mineralization may now be obscured by the timbering. A grab sample taken from the dump assayed: Gold, 0.02 oz; silver, 104.6 oz per ton; copper, 0.5 per cent; lead, 8 per cent; zinc, 4 per cent. A reported dump of 20 tons of similar mineralization prepared for shipment could not be located.

At an elevation of 1,350 feet, several hundred feet north-easterly from this showing, a zone containing quartz veins of the replacement-type over a width of 20 to 30 feet outcrops up the face of a bluff which slopes at 70 degrees to the canyon of Sulphurets creek 500 feet below. The rusty outcrop can be plainly traced down the bluff-face for about 150 feet and is a prominent feature of the landscape when viewed from the north side of Sulphurets creek. The zone, striking north 15 degrees west and dipping 70 degrees east, occurs in a dense, highly altered and generally silicified volcanic rock. At the top of the bluff a deep open-cut continued as an adit follows the foot-wall of the zone for 30 feet and then crosscuts it for 21 feet in a direction of south 64 degrees east. In this working veinlets and replacement-lenses of quartz are accompanied by stringers, patches and disseminations of chalcopyrite, pyrrhotite, pyrite, sphalerite, and galena. A representative sample taken from a dump of about 15 tons at the portal of the adit assayed: Gold, 0.26 oz. per ton; silver, 2.4 oz. per ton; copper, 0.3 per cent.; lead, 3 per cent.; zinc, 10 per cent.

APPENDIX B
ANALYTICAL RESULTS

To: BIG HORN DEVELOPMENT CORPORATION
#400, 255 - 17th Avenue S.W.
Calgary, Alberta - T2S 2T8
Attn: Mr. Ed. Kruchkowski



File No. 29982
Date July 9th, 1987
Samples silt

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page 5

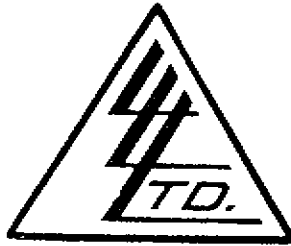
SAMPLE No.	Au ppb	Ag ppm	
GEOCHEMICAL ANALYSES			
CG-01	25	+ 30	
CG-02	15	+ 30	
CGS-03 (SOIL)	20	2.0	
CG-04	15	.6	CROWN GRANTS
CG-05	105	.9	
CG-06	50	.6	
CG-07	30	.7	
CG-08	25	6.2	
C-36-1	85	.5	
C-38-GS-2	90	.6	
C-38-GS-3	130	.5	
C-38-GS-4	50	.3	
C-39-GS-1	+1000	1.5	OTHER
S2-1	35	2.0	
S2-2	Nil	1.0	
S2-3	Nil	.6	
S3-01	Nil	.6	
S3-02	Nil	.4	
S3-03	Nil	.3	
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES			

Rejects Retained one month.
Pulps Retained one month
unless specific arrangements
made in advance.

D. Enelow

Assayer

To: BIG HORN DEVELOPMENT CORPORATION
 # 400, 255 - 17th Avenue S.W.
 Calgary, Alberta - T2S 2T8
 Attn: Mr. Ed. Kruchkowski



File No. 29982
 Date July 9th, 1987
 Samples Rock

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page 2

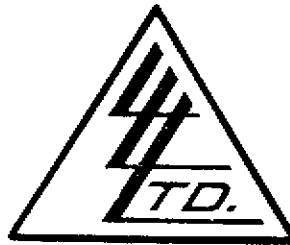
SAMPLE No.	Au ppb	Ag ppm	
GEOCHEMICAL ANALYSES			
18001 EK-1	+1000	+ 30	
18002 EK-2	+1000	+ 30	
18003 CGR-01	830	24.3	
18004 CGR-02	270	5.3	CROWN GRANTS
18005 CGR-03	30	2.1	
18006 CGR-04	10	5.4	
18007 CGR-07	25	+ 30	
18008	10	+ 30	
18009	Nil	20.0	
18010	5	2.8	
18011	15	3.1	OTHER
18012	20	1.6	
18013	10	1.2	
18014	15	4.9	
18015	15	6.1	
18016	30	2.1	
18017	35	16.3	
18018	25	.9	
18019	20	.5	
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>			

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

D. [Signature]

Assayer

To: BIG HORN DEVELOPMENT CORPORATION
 400, 255 - 17th Avenue S.W.
 Calgary, Alberta - T2S 2T8
 Attn: Mr. Ed. Kruckowski



File No. 29982
 Date July 9th, 1987
 Samples Rock & Silt

Certificate of
 ASSAY of
LORING LABORATORIES LTD.

Page 1

SAMPLE No.	Au oz/ton	Ag oz/ton	
ASSAYS =====			
<u>Rocks</u>			
18001 EK-1	.126	4.94	
18002 EK-2	.064	9.79	
18007 CGR-07	-	102.15	CROWN GRANTS
18008	-	1.58	OTHER
<u>SILT</u>			
CG-01	-	1.78	CROWN GRANTS
CG-02	-	2.47	CROWN GRANTS
C-39-GS-1	.038	-	OTHER
T-7-04	.106	-	OTHER
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>			

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

D. Zuber

Assayer

APPENDIX C

SAMPLE DESCRIPTIONS

TABLES I & II

TABLE I
SILT AND SOIL SAMPLES

<u>SAMPLE</u>	<u>TYPE</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ANALYSIS</u>		<u>Oz/Ton Ag</u>
				<u>Ppb Au</u>	<u>Ppm Ag</u>	
CG-01	Silt	Devils Club Creek on trail	Silt less 1 mm size	25	+30	1.78
CG-02	Silt	and sometimes above trail	Silt less 1 mm size	15	+30	2.47
CG-03	Soil	in north lineament gully L-269	Rusty brown soil. 20 cm below surface	20	2.0	
CG-04	Silt	[Drainage into swamp on Corey Claims east of Unuk River cabin	Silt less 1 mm size	15	0.6	
CG-05	Silt		Silt less 1 mm size	105	0.9	
CG-06	Silt		Silt less 1 mm size	50	0.6	
CG-07	Silt		Unuk River south of cabin	Minor pyrite	30	0,7
CG-08	Silt	Silver Creek 30 metres upstream from Sulphurets Creek		25	6.2	

See Map 1 and Figures 3 & 4
for locations.

TABLE II

ROCK SAMPLE DESCRIPTIONS

<u>LABORATORY NO.</u>	<u>SAMPLE NO.</u>	<u>TYPE</u>	<u>DESCRIPTION</u>	<u>ANALYSIS</u>		<u>Oz/Ton Au</u>	<u>Oz/Ton Ag</u>
				<u>Ppb Au</u>	<u>Ppm Ag</u>		
18001	EK-1	Grab	Sphalerite, pyrite, chalcopyrite, trace galena, massive	+1000	+30	.126	4.94
18002	EK-2	Grab	sulphides & sericitic quartz over approximately 0.5 hectares	+1000	+30	.064	9.79
18003	CGR-01	Grab	Slightly silicified & pyritic andesite/dacite. Sulphides 2%. Slightly rusty	830	24.3	-	-
18004	CGR-02	Grab	Silicified banded cherty tuff & volcanic crystal tuff (porphyry) 5-7% pyritic	270	5.3	-	-
18005	CGR-03	Grab	Cherty tuff trace pyrite	30	2.1	-	-
18006	CGR-04	Grab	Dark black argillite trace pyrite	10	5.4	-	-
18007	CGR-07	Chip 5 cm	Silicified carbonate rich shear zone intersection Az 170 @ 80° E & Az 300 @ 65° N zone 5 cm. Possible ruby silver. Zone not continuous	25	+30	-	102.15

Locations (see Figure 3 and Map 1)

18001 - 18002 - on Cumberland Adit. L-265

18003 - on Lot 265 on andesite outcrop 50 metres west of Devils Club Creek

18004 - 18005 - on outcrop bordering swamp east of Unuk River cabin

18006

18007 - on Silver Creek Showing

APPENDIX D

ITEMIZED COST STATEMENT

D. ITEMIZED COST STATEMENT

D.1 Supervision and Wages

Personnel are charged for one (1) day on June 29th for work performed on Lots 265 and 269. The other days will be charged to the Corey claims.

The rates are as follows:

<u>Name</u>	<u>Title</u>	<u>Daily Rate</u>	<u>Total</u>
E. Kruckowski	Chief Geologist	\$300	\$300.00
E. Horne	Senior Geologist	250	250.00
D. Lund	Junior Assistant	80	80.00
			<u>630.00</u>
	Consulting overhead @ 10%		63.00
			<u>\$693.00</u>

D.2 Transportation

Not charged to crown grants, charged instead to Corey claims
approximate pro-rated cost would be 0.5 hours @ \$490/hour nil

D.3 Food, Accomodation and Supplies

3 personnel at \$50.00/man day for 29th June, 1987 \$150.00

D.4 Laboratory Analyses

4 Silt samples @ \$11.30 including sample preparation	\$ 45.20
4 Rock samples @ \$13.00 including sample preparation	52.00
7 Assays @ \$7.50	<u>52.50</u>
	<u>\$149.70</u>

D.5 Report Preparation

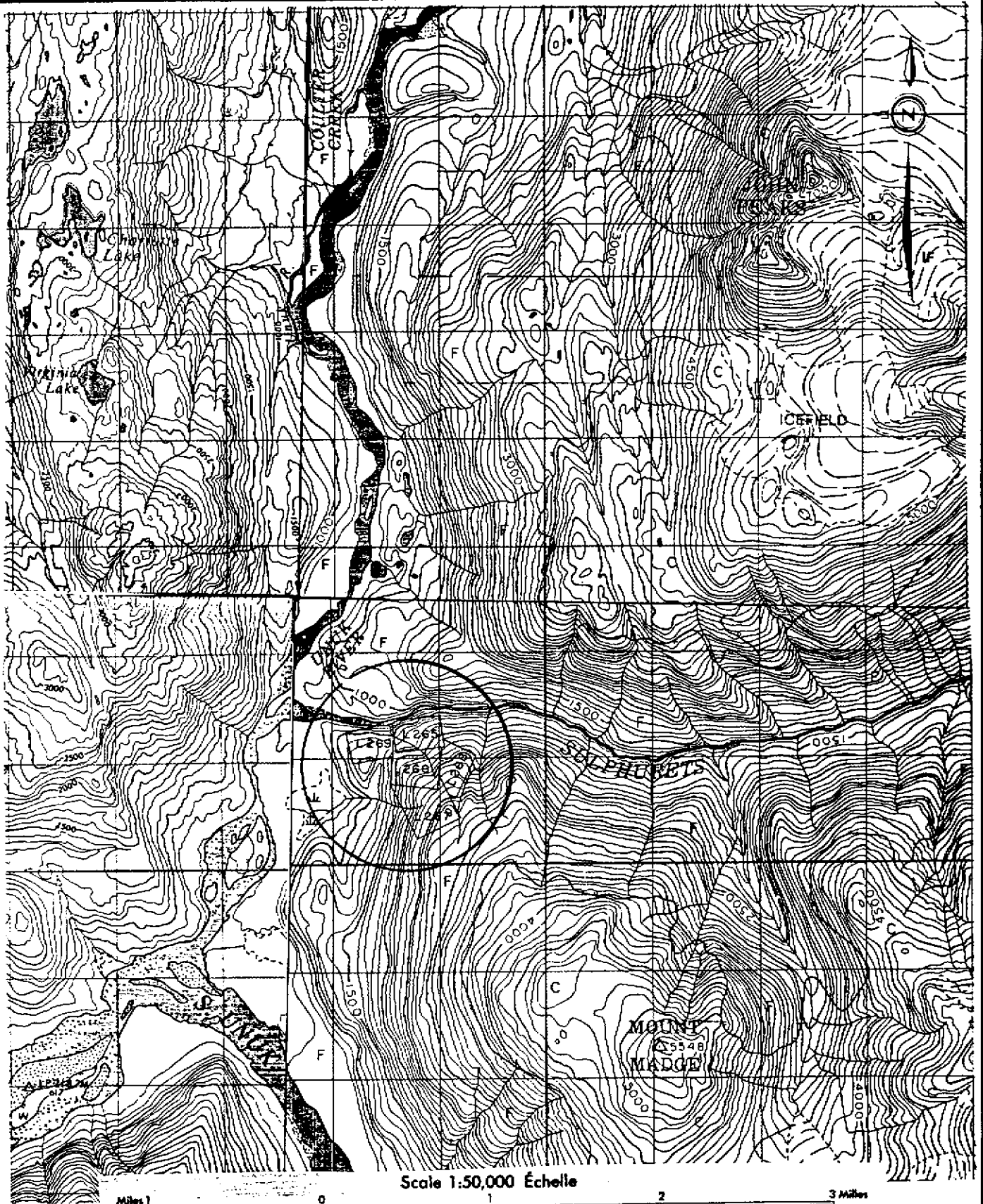
One geologist 2 days @ \$150/day	\$300.00
Typing, xeroxing and drafting	<u>150.00</u>
	<u>\$450.00</u>

GRAND TOTAL \$1,442.70

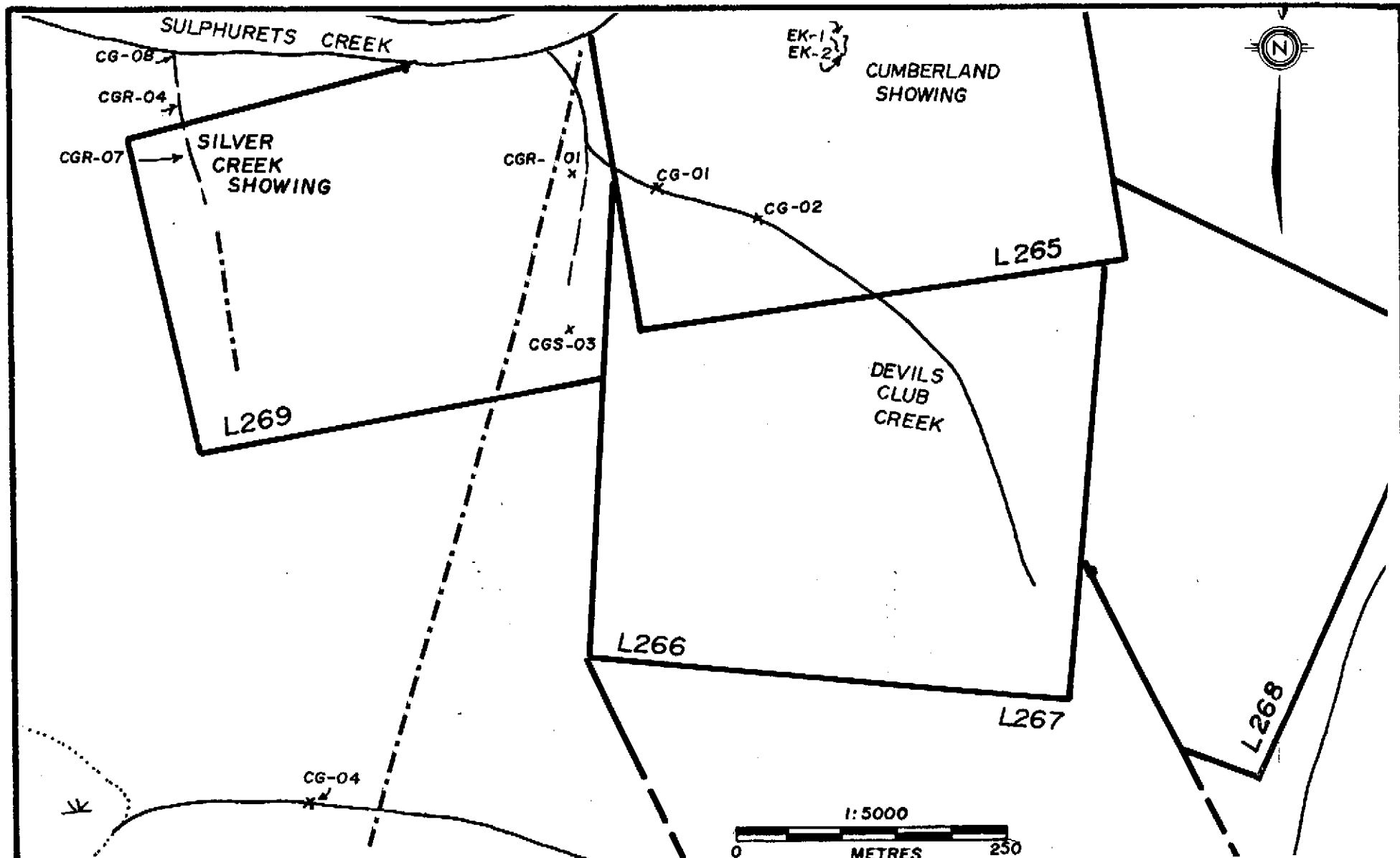
To be credited to Cumberland Claim Group \$500.00, surplus
to be credited to agents PAC Account \$942.70, say \$900.00.

FIGURES

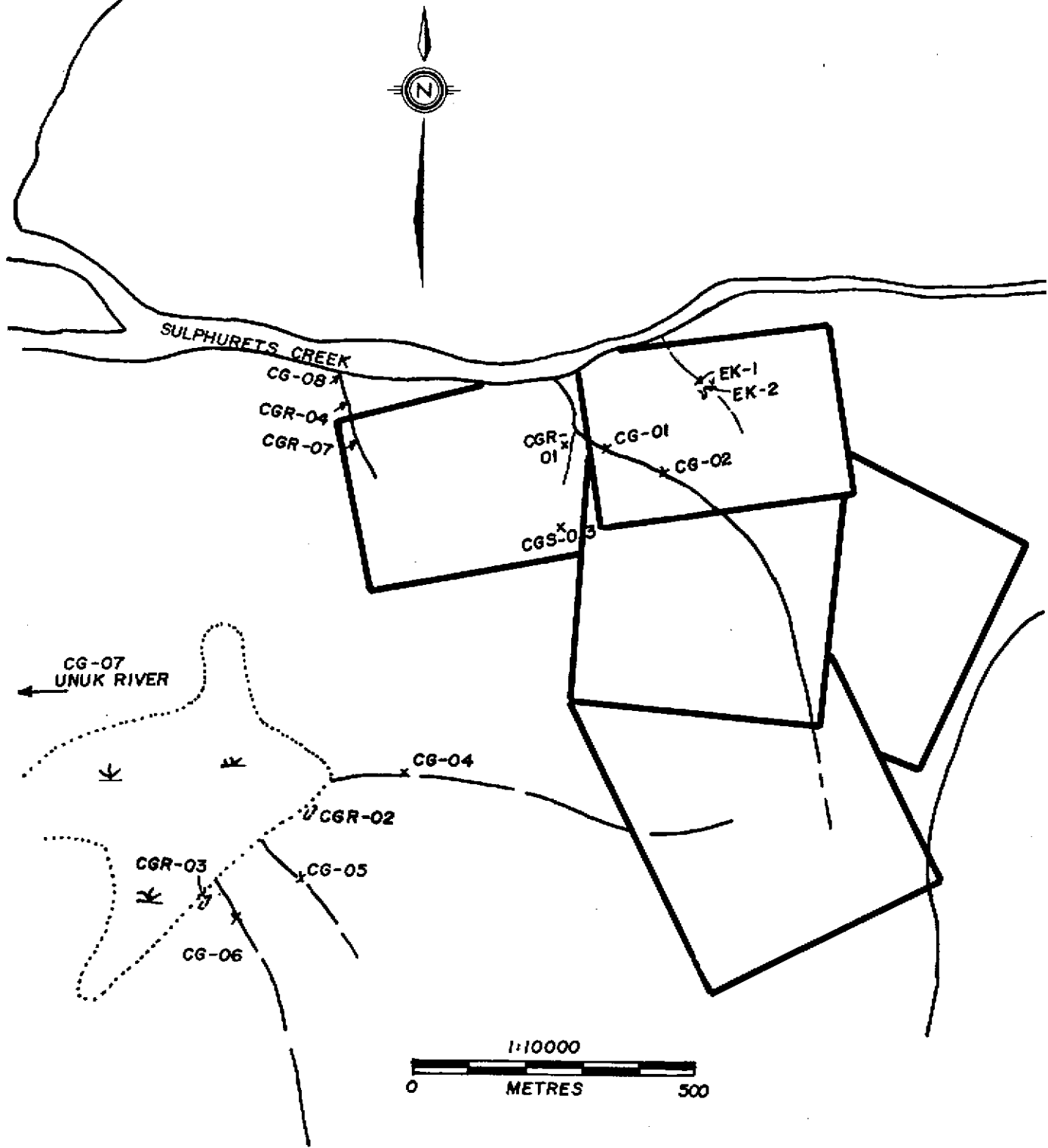
1 - 4 & 4A



<p>SULPHURETS RIVER AREA LOTS 265 to 269</p>	<p>NTS 104B/8</p>
<p>CLAIM LOCATION MAP</p>	<p>FIGURE 2</p>



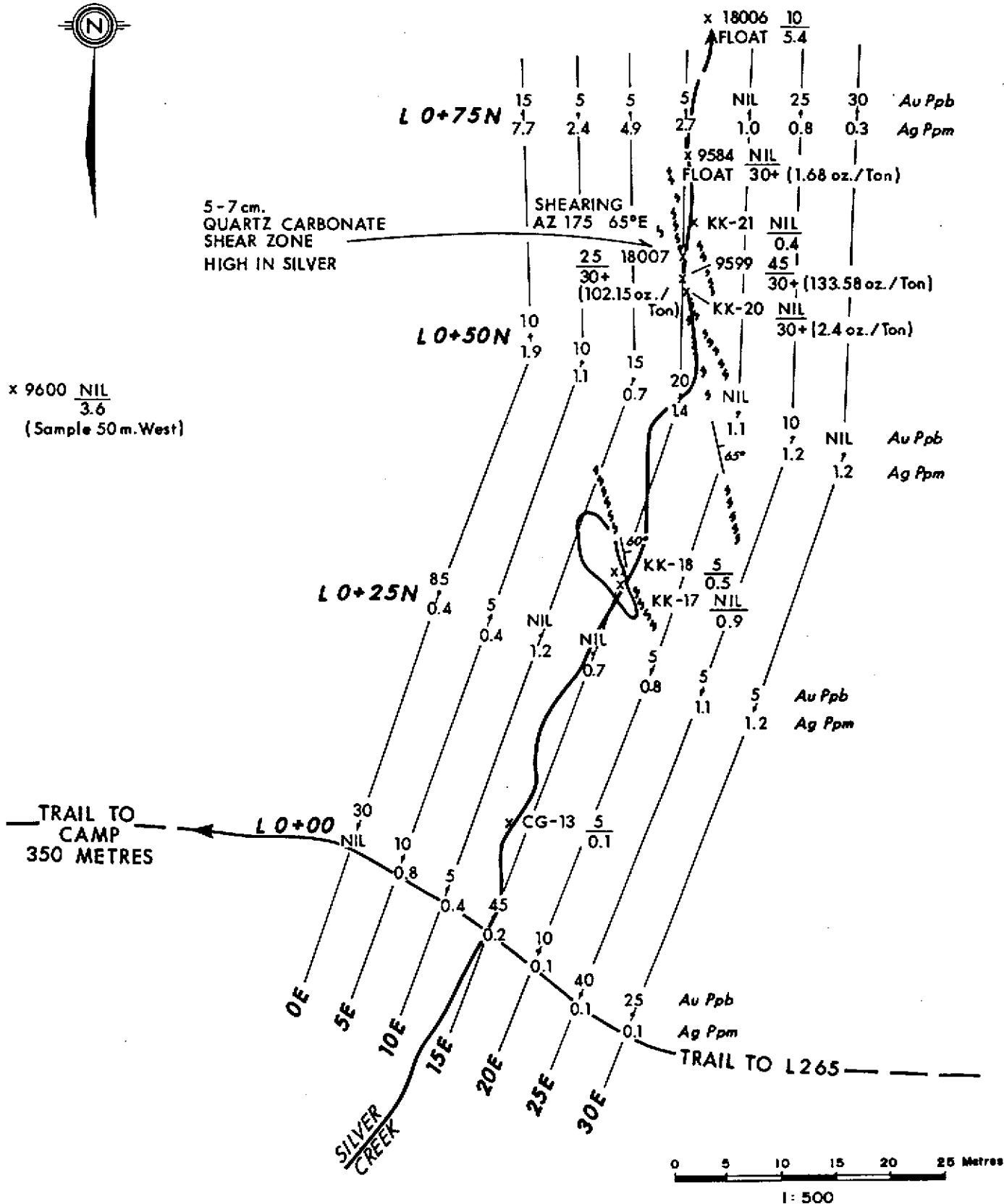
SULPHURETS CREEK AREA LOTS 265 to 269	BIGHORN DEVELOPMENT CORPORATION	NTS 104B/8 SKEENA M.D.
LOCATION OF SHOWINGS	SCALE: 1:5,000	FIGURE 3



SULPHURETS CREEK LOTS 265 TO 269	NTS 104B/8 SKEENA M.D.
SAMPLE LOCATIONS	FIGURE 4



APPROXIMATELY 35 METRES
TO SULPHURETS RIVER



LEGEND

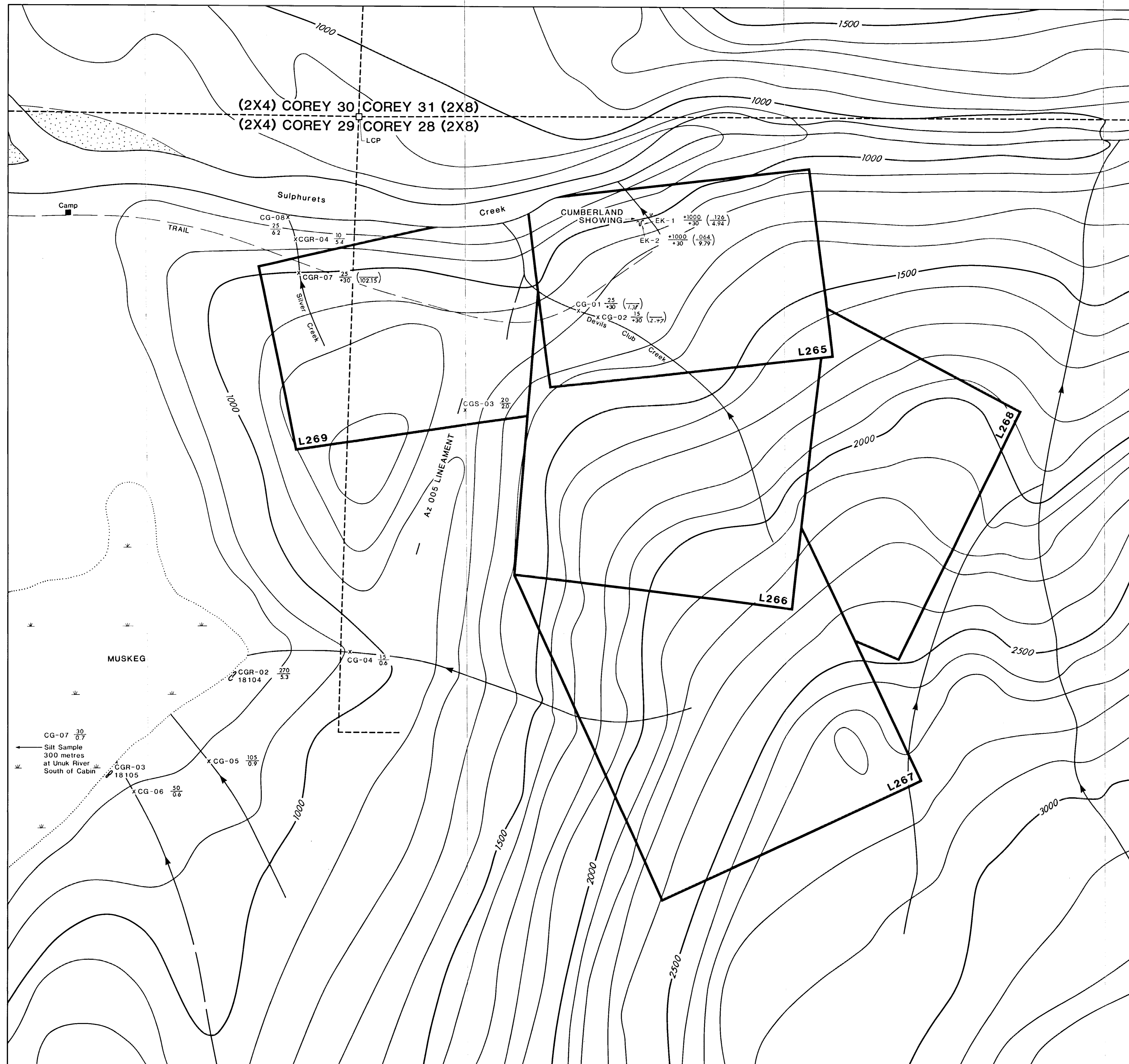
ROCK SAMPLE NUMBER	Au Ppb	Ag Ppm
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**SILVER CREEK SOILS GRID
LOT 269**

BIGHORN DEVELOPMENT CORPORATION

**NTS 104B/8
SKEENA M.D.**

Figure 4 A



1979 MAGNETIC BEARING IS 29°16'
EAST OF GRID NORTH WHICH IS 1°02'
WEST OF TRUE NORTH.
ANNUAL CHANGE IS DECREASING 2.6'

LEGEND

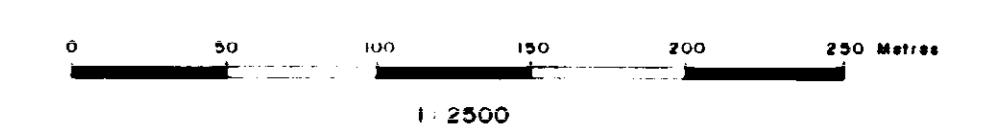
- CLAIM LINE (TWO POST)
- - - LCP & CLAIM LINE
- ⋆ MUSKEG
- CREEK
- TRAIL

SAMPLE NUMBER	Ppb GOLD Ppm SILVER	(OZ./TON GOLD) (OZ./TON SILVER)
EK-1	$\frac{+1000}{+30}$	$(\frac{.126}{4.94})$

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,318

NOTE: CONTOUR INTERVAL 100 FEET. BASE MAP PREPARED FROM 1:50,000 SCALE PHOTO ENLARGEMENT.



BIGHORN DEVELOPMENT CORPORATION		
SULPHURETS CREEK AREA		
LOTS 265 TO 269 NTS 104B/8		
SKEENA MINING DIVISION SAMPLE LOCATION MAP 1		
Scale: 1:2500	C.I.: 100 Feet	By: E. Horne
Date: Sept. 1987	Revised:	Figure: Map 1