

GEOCHEMICAL REPORT
ON
SOIL SAMPLE SURVEYS

CM CLAIM
KAMLOOPS, M.D., B.C.

CM CLAIM: 11 KM. South of the Town
of Ashcroft, B.C.
: 50° 37' 121° 17' SW
: N.T.S. - 921/11

Written for: UNITED LIBERTY RESOURCES LTD.
#730-789 W. Pender Street
Vancouver, B.C.
V6C 1H2

by: Stanley B. Reamsbottom
Kyle Consultants Ltd.
1202 - 789 W. Pender Street
Vancouver, B.C.
V6C 1H2

Dated: April 30, 1984

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,241

SUMMARY

The CM Claim of United Liberty Resources Ltd. is located 11 km south of Ashcroft, in the Kamloops Mining Division, British Columbia. Part of the claim group was explored for contact metasomatic copper deposits in 1969-70. The claim group straddles the contact between Late Triassic Nicola group and the Late Upper Triassic Guichon Creek Batholith. The major reserve of copper mineralization in British Columbia, estimated at two billion tonnes of 0.45 percent copper equivalent, is contained within the Guichon Creek Batholith.

A soil geochemical sampling program was carried out on the property during the period from March 19 to March 24, 1984. Samples were analyzed for gold, silver, copper, lead, and zinc. Significant anomalous zones were defined along the west to west central portion of the CM Claim. These are coincident with the contact between intrusive rocks of the Guichon Batholith and volcanic rocks of the Nicola group.

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INTRODUCTION

1

At the request of Mr. R. Kilmer, President of United Liberty Resources Ltd., the writer supervised a program of soil geochemical sampling on the CM claim in the Basque area, Kamloops Mining Division, B.C. from March 19 to March 24, 1984.

This report summarizes, the general geology, past exploration and results of the 1984 soil geochemical sampling program.

LOCATION

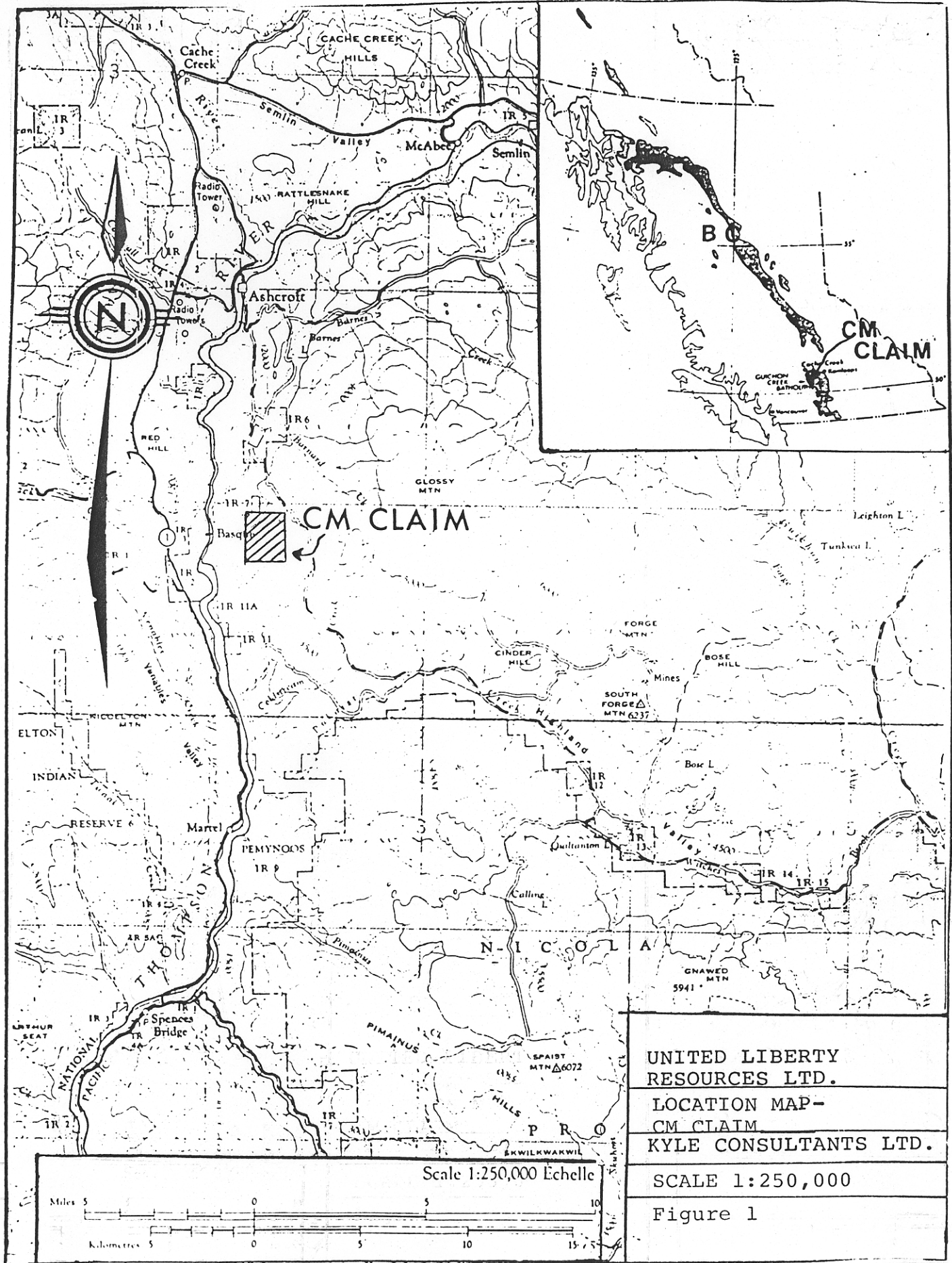
The CM claim is located on the west slope of Glossy Mountain, 11 km (7miles) due south of Ashcroft. Access to the claim is provided by driving south from Ashcroft on the Bethlehem road for 16 km (10 miles) then by secondary roads for an additional 3.2 km (2 miles). (Figure 1)

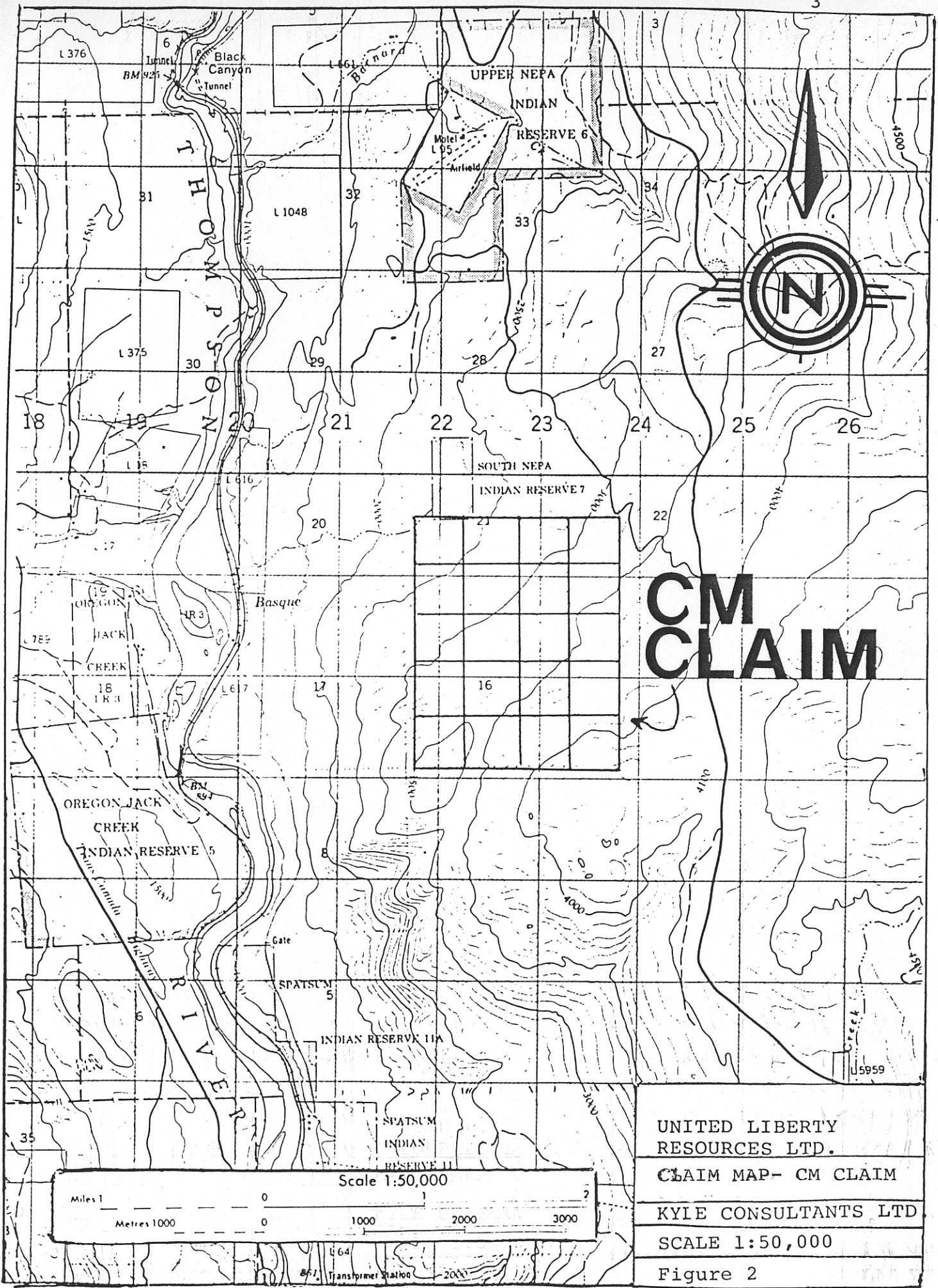
The claims straddle the elevation 790-1036 m. (2600-3400 feet) on rolling rangeland which at the time of the property visit was lightly covered by snow.

PROPERTY INFORMATION

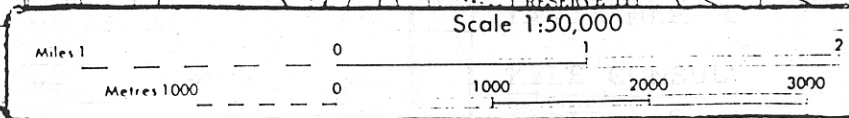
The claim is composed of 20 units and is recorded in the Kamloops Mining Division, (Figure 2). Pertinent claim data are listed below:

CLAIM NAME	RECORD NO.	ANNIVERSARY DATE	NO. OF UNITS
CM Claim	4415	April 29, 1984	20





**CM
CLAIM**



UNITED LIBERTY
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CLAIM MAP- CM CLAIM
KYLE CONSULTANTS LTD
SCALE 1:50,000
Figure 2

HISTORY

4

The claim in part covers an area that was previously staked as the CM and DN claim groups in 1969. Grandora Explorations Ltd. held the claims and in 1969-70 conducted geological and geophysical surveys on the property (Ash 1970). The ground was restaked as the Nepa 1 claim in 1982 but was subsequently allowed to lapse. United Liberty Resources Ltd. staked the area as the CM claim in 1983.

GEOLOGY

The Guichon Creek Batholith is the centre of the Highland Valley porphyry copper district which hosts the major copper reserves in British Columbia. The Late Upper Triassic Batholith has a surface area of 1000 km². It intrudes sedimentary and volcanic strata of the Permian Cache Creek and Late Triassic Nicola groups and is in turn unconformably overlain by sedimentary and volcanic strata ranging in age from Early Jurassic to Middle Tertiary (Fig. 3).

Five major porphyry deposits occur in the Highland Valley. (McMillan 1976) Bethlehem and Lornex are two operating mines, and the J.A., Highmont and Valley Copper deposits, three potential major operations. Several other deposits of lesser size have been delineated. These include the Krain, South Seas, Ann Number 1 and Minex. Numerous smaller high grade deposits, some of which formerly produced (OK, Snowstorm, Aberdeen) are scattered throughout the district.

Aggregate ore reserves in the central part of the Highland Valley have been estimated at two billion tons of 0.45 percent copper. Reported reserves of the major deposits include Bethlehem (55 Million tonnes of 0.47% Cu.), Lornex (392 million tonnes of 0.411% Cu and 0.014% Mo.), Highmont (136 million tonnes of 0.285% Cu and 0.051% Mo), Valley Copper (700 million tons of 0.48% Cu) and J.A. (260 million tons of 0.43% and 0.017% Mo).

The Guichon Creek Batholith is an elliptical semi-concordant dome elongated in a north-south direction. It consists of several concentric phases which generally have gradational, but locally sharp contacts. The phases are successively younger to the centre of the batholithic complex but a broad K-Ar age determination has been established as 198 ± 8 m.y.

Several intrusive phases identified as the border or hybrid, the Highland Valley, the Bethlehem, and the Bethsaida, range in composition from diorite to quartz monzonite. Generally, intrusive phases in the centre of the batholith are more acidic. Mineral showings of copper and molybdenum are widespread within the batholith but the major deposits seem to be closely associated with the dyke swarm north of Highland Valley or occur in or near the contact of the Bethsaida phase and its related dykes.

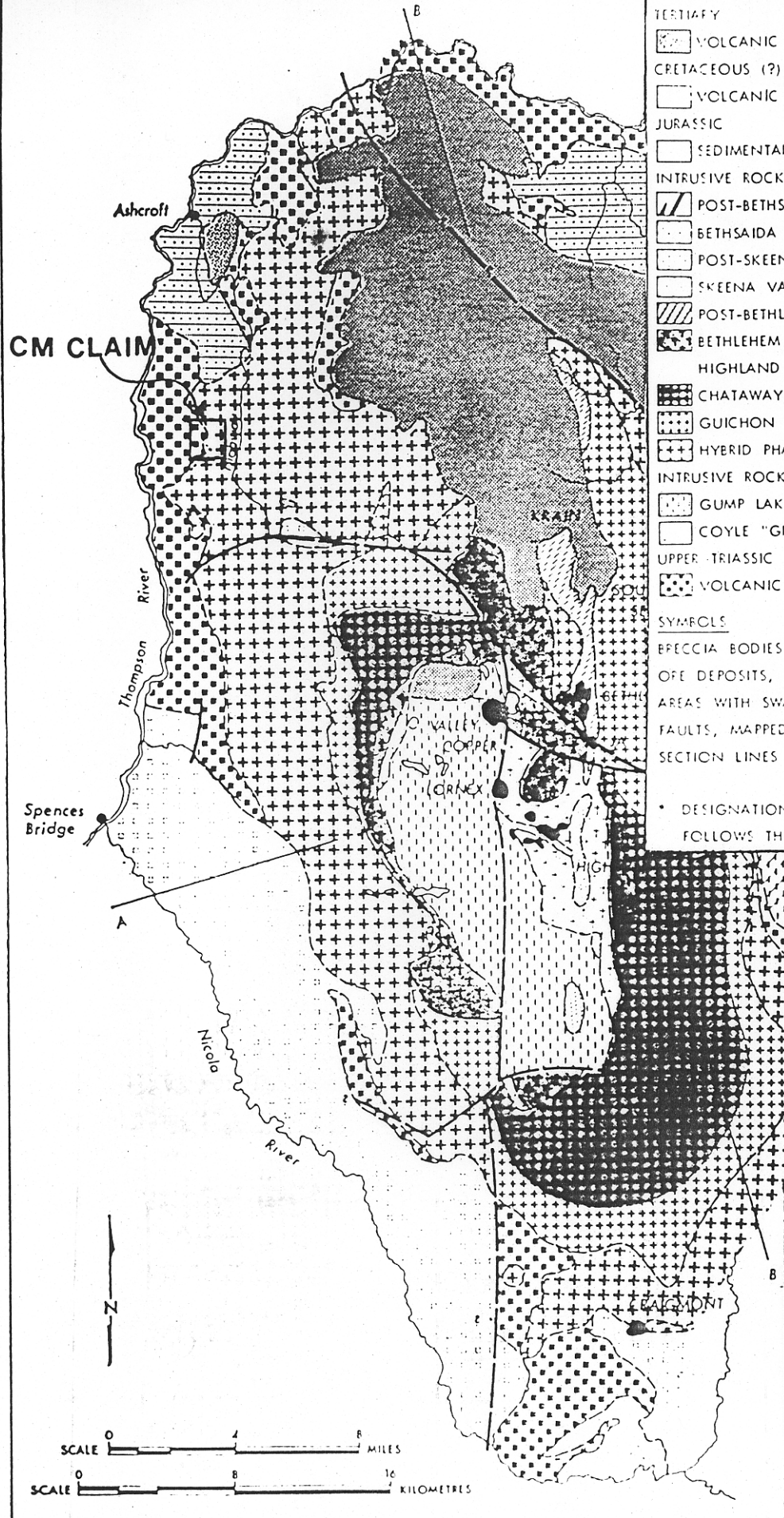
Metamorphic rocks adjacent to the batholith include gneiss, schist, quartzite and hornfels that occur in a metamorphic halo ranging up to 500 metres in width. Porous impure sandstones have locally been extensively epidotized and impure limestone converted to epidote skarn that may contain pods of chalcopyrite.

The Upper Triassic rocks of the Nicola Group envelope the batholith. At the north edge of the batholith they are mainly breccias and flows, while at the east, west and south edges they are predominately sedimentary in character. The volcanics of the group are mainly basalts, basaltic andesites or locally volcanic breccias and agglomerates. Sedimentary rocks include chert, siltstone, sandstone, greywackes, limestone and volcanic conglomerate which locally grades to sedimentary volcanic breccia.

LEGEND

- TERTIARY
 - VOLCANIC AND SEDIMENTARY ROCKS
 - CRETACEOUS (?)
 - VOLCANIC AND SEDIMENTARY ROCKS
 - JURASSIC
 - SEDIMENTARY ROCKS
 - INTRUSIVE ROCKS OF THE BATHOLITH
 - POST-BETHSAIDA DYKES
 - BETHSAIDA PHASE
 - POST-SKEENA DYKES AND PLUGS
 - SKEENA VARIETY
 - POST-BETHLEHEM DYKES AND PLUGS
 - BETHLEHEM PHASE *
 - HIGHLAND VALLEY PHASE
 - CHATAWAY VARIETY
 - GUICHON VARIETY
 - HYBRID PHASE
 - INTRUSIVE ROCKS OF UNCERTAIN AFFILIATION
 - GUMP LAKE PHASE
 - COYLE "GRANITE"
 - UPPER TRIASSIC
 - VOLCANIC AND SEDIMENTARY ROCKS
 - SYMBOLS
 - EPECCIA BODIES ▲▲ OR
 - ORE DEPOSITS, IMPORTANT PROSPECTS
 - AREAS WITH SWARMS OF PORPHYRY DYKES
 - FAULTS, MAPPED, INFERRED
 - SECTION LINES FOR GRAVITY PROFILES A
- * DESIGNATION OF GRANITIC UNITS AS PHASES OR VARIETIES FOLLOWS THE USAGE OF NORTHCOTE, 1969.

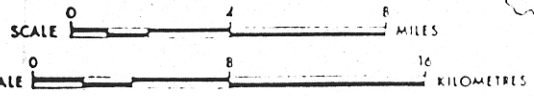
CM CLAIM



UNITED LIBERTY
 RESOURCES LTD.
 REGIONAL GEOLOGY-
 CM CLAIM
 KYLE CONSULTANTS LTD.

SCALE 1" = 8 km

Figure 3



The claim straddles the contact between the Guichon Creek Batholith and Nicola group volcanics. Generally shallow overburden obscures the rock units and few outcrops are exposed. The Nicola group rocks consist of steeply dipping limestones, cherts and volcanics. Past exploration located two mineral occurrences on the property, both within the contact of the batholith (Ash, 1970). A shallow shaft has been sunk in the skarn zone which contains pods of chalcopyrite. Approximately 4,500 feet (1363 m) south of this showing, chalcocite has been discovered within recrystallized limestone near the contact of the Guichon Creek Batholith. Economic concentrations of copper mineralization have not been located on the property.

PAST EXPLORATION PROGRAMMES

Past mineral exploration on the DN and CM claim group concentrated on geological and magnetic surveys to help define the contacts between intrusive quartz diorite, sediments and Nicola volcanics. (Ash, op cit).

Magnetometer surveys on part of the DN, CM claim group defined magnetic susceptibilities for the various rock units. Field strengths for volcanics were shown to be 1300 - 2700 gammas, for limestone to be 900-1500 gammas, and for diorite to be 300 to 1000 gammas. Magnetometer surveys were, therefore, useful in geological interpretation of overburden covered areas.

In 1984 a geochemical soil survey was conducted.

1. Sampling Program:

The initial soil samples were taken on a grid at intervals of 150 m. along east west lines that were 175m.apart. (Figure 4) Two hundred and five (205) samples were collected. The 1984 sampling program was designed to systematically delineate areas that may be anomalous in gold, silver, copper, lead and/or zinc. Samples were taken with a D-handled shovel and the horizon sampled was B. Samples were taken from 4 inches to 15 inches in depth. Samples were placed in brown wet-strength paper bags.

2. Analytical Procedure:

All samples were tested by General Testing Laboratories of Vancouver, B.C. The sample is first thoroughly dried and then sifted through a -80 mesh screen. A measured amount of the sifted material is then put into a test tube with subsequent measured additions of a solution of perchloric and nitric acid. This mixture is next heated for a certain length of time. The parts per million (ppm) gold, silver, copper, lead or zinc is then measured by atomic absorption. Analytical data generated is given in Appendix 1.

3. Data Analysis:

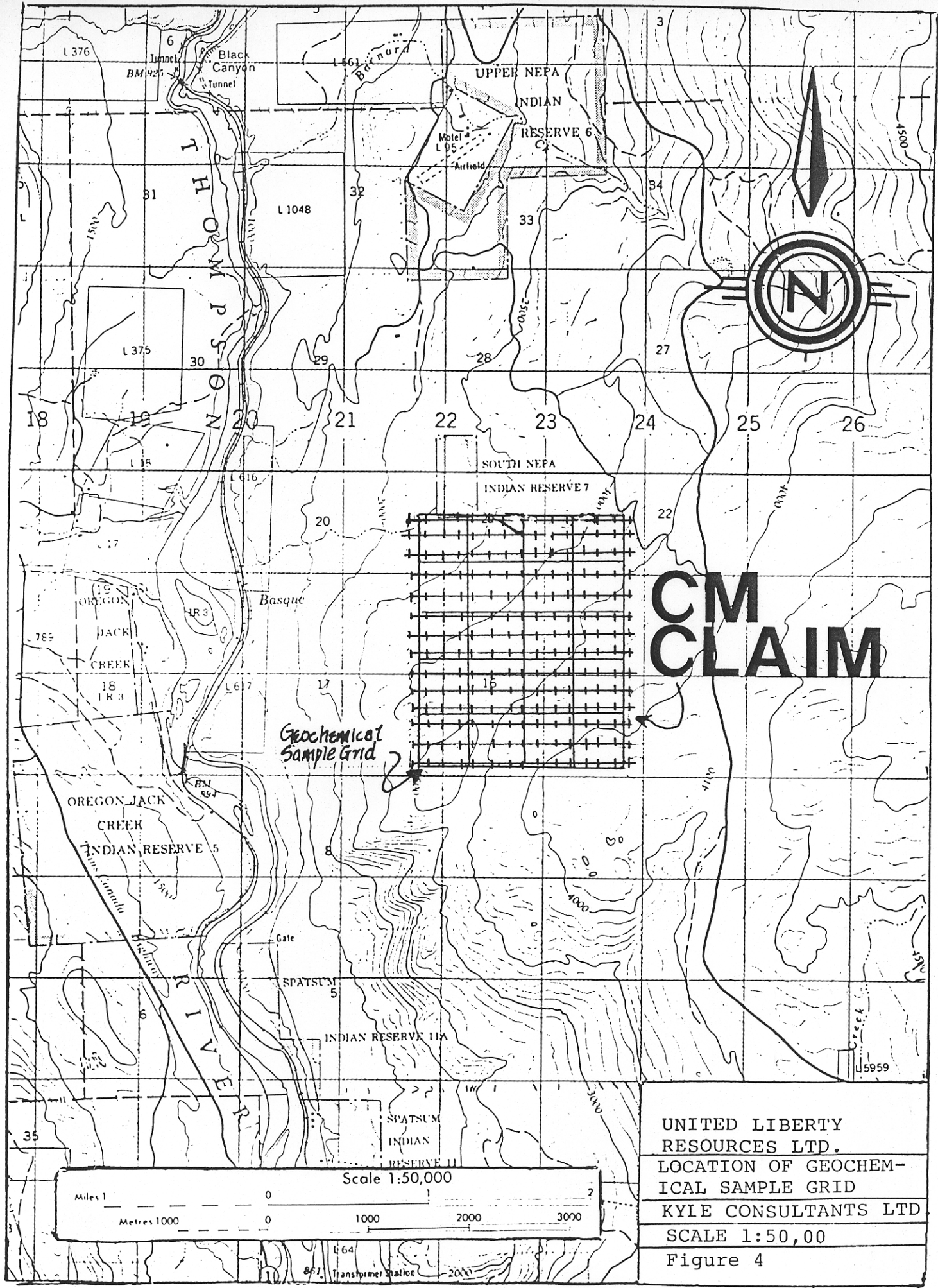
Data from the 1984 sampling program (i.e. ppm gold, silver, copper, lead and zinc) were grouped in intervals and plotted.

The mean and standard deviation (σ) for each element (assuming a normal distribution) were then calculated: Highly anomalous values were considered to be 2 standard deviations (2σ) from the mean. Anomalous to subanomalous values were considered to be one standard deviation (σ) from the mean. These values are given in Table 1.

Table 1- STATISTIC FOR SAMPLE DATA

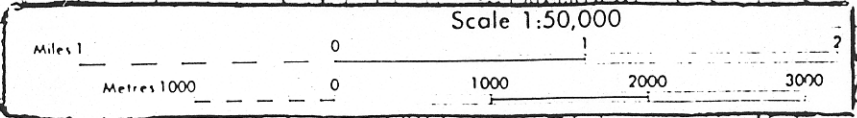
	GOLD	SILVER	COPPER	LEAD	ZINC
Mean	.022	.53	36	16.4	77
Standard Deviation	.014	.33	23	11.4	75
Variance	.18x10 ³	.11	510	130	5585

Element data was plotted (Figures 5 to 9) and contoured. Figure 10 is a compiled plot of anomalous zones for gold, silver, copper, lead, and zinc.



**CM
CLAIM**

*Geochemical
Sample Grid*



UNITED LIBERTY
 RESOURCES LTD.
 LOCATION OF GEOCHEMICAL
 SAMPLE GRID
 KYLE CONSULTANTS LTD
 SCALE 1:50,00
 Figure 4

Compilation of data from the 1984 sampling program showed a coincident anomalous zone along the west central margin of the CM claim. This zone significantly coincides with the contact between intrusive rocks of the Guichon batholith and volcanic rocks of the Nicola Group.

Gold anomalies (Fig. 5) were generally found to be "spot highs" along the western, northern and eastern boundaries of the claims. Background gold is considered to be 0.022 ppm. Subanomalous to anomalous values are greater than 0.04 ppm gold and highly anomalous greater than 0.05 ppm gold.

Silver anomalies (Fig.6) were generally concentrated along the intrusive/volcanic contact. Two other anomalies are found along an east-west trend east of the contact. Back ground silver is considered to be 0.53 ppm: Anomalous values greater than 0.86 ppm and highly anomalous greater than 1.19 ppm silver.

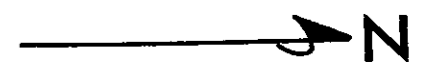
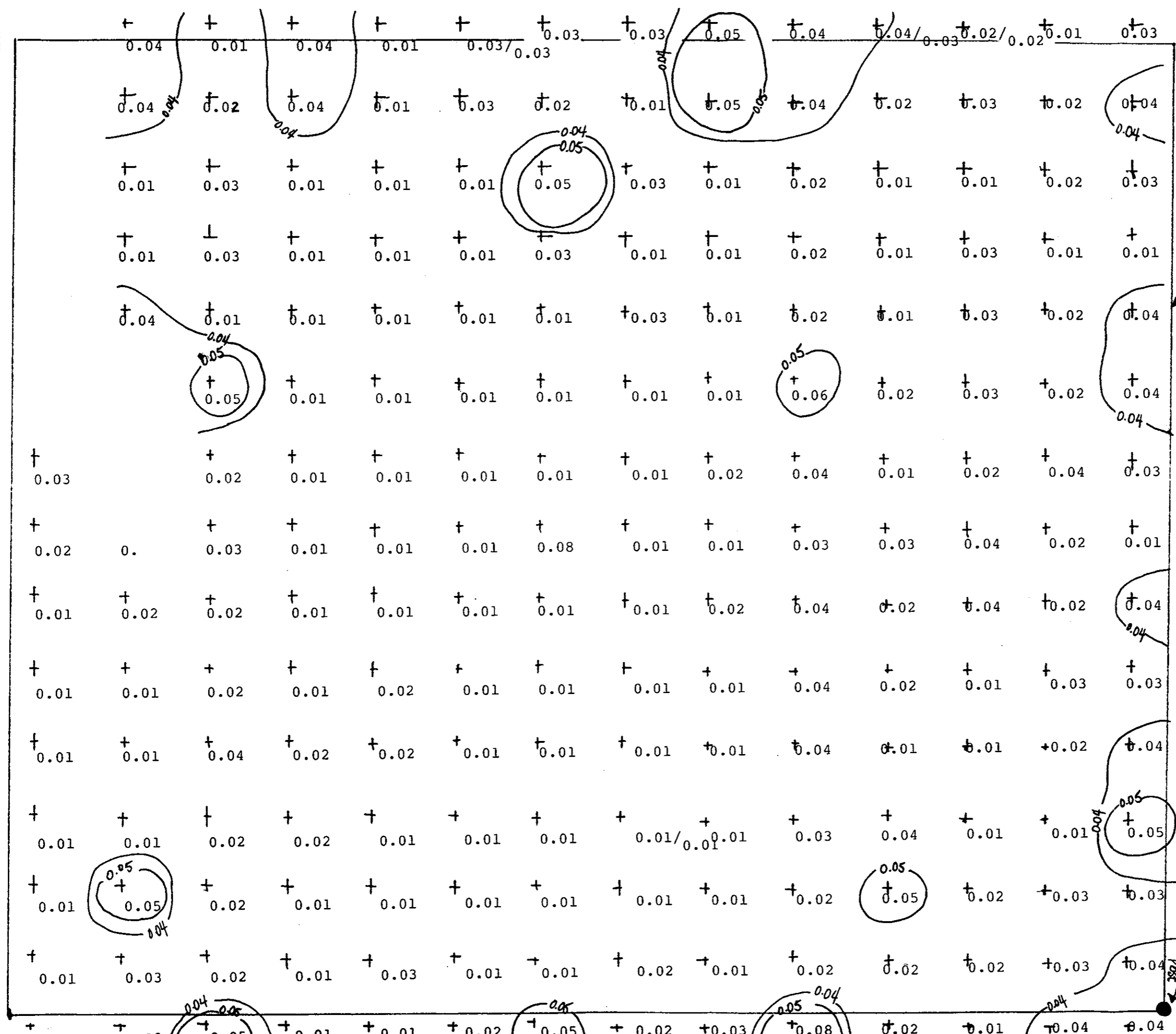
Copper (Fig.7) showed only one strongly anomalous zone which straddled the intrusive/volcanic contact. Background copper is 36 ppm anomalous values greater than 59 ppm and highly anomalous greater than 82 ppm.

Lead anomalies were also concentrated on the contact between intrusive and volcanic rocks. The southern most anomaly exhibits a distinct elongate east-west trend. Background lead is 16.4 ppm, anomalous values greater than 27 ppm and highly anomalous greater then 38 ppm lead.

Zinc anomalies (Fig 9) were widespread over the claim. This wide distribution is not uncommon due to the high mobility of zinc in secondary environments. Anomalies occur along the western, northern, eastern, and south central portion of the claim block. Background zinc is considered to be 77 ppm: anomalous zinc greater than 152 ppm and highly anomalous zinc greater than 227 ppm.

Figure 10 represents a compilation of anomalous zones for each of the elements. The most obvious and best developed anomaly is found along the

western margin of the claim block there gold, silver, copper, lead and zinc anomalies are all coincident. Anomalous zinc values along the northern boundary of the CM claim coincide with gold and copper anomalies. In the southern portion of the claim an elongate generally east-west trending anomaly is evidenced by copper, lead, zinc and lesser gold values.

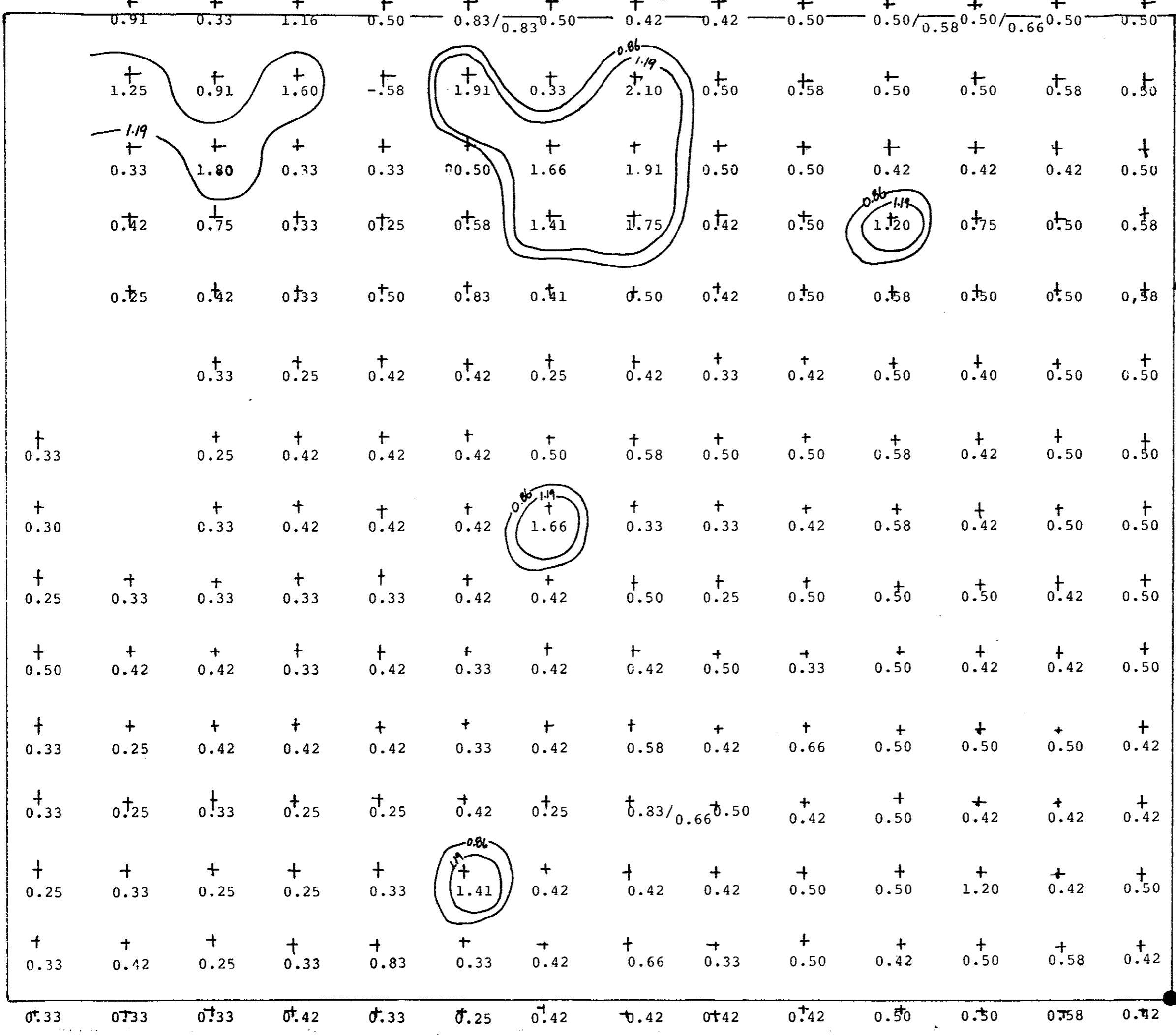


CM
Claim boundary

LEGEND	
	≥ 0.05 ppm GOLD
	≥ 0.04 ppm GOLD
+	SAMPLE LOCATION

UNITED LIBERTY RESOURCES LTD.
GOLD SOIL GEOCHEMISTRY
KYLE CONSULTANTS
SCALE 1"=200 m
Figure 5

Legal Corner



LEGEND

— 0.86 — ≥ 0.86 ppm SILVER

— 1.19 — ≥ 1.19 ppm SILVER

+ SAMPLE LOCATION

UNITED LIBERTY
RESOURCES LTD.

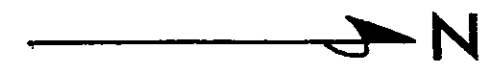
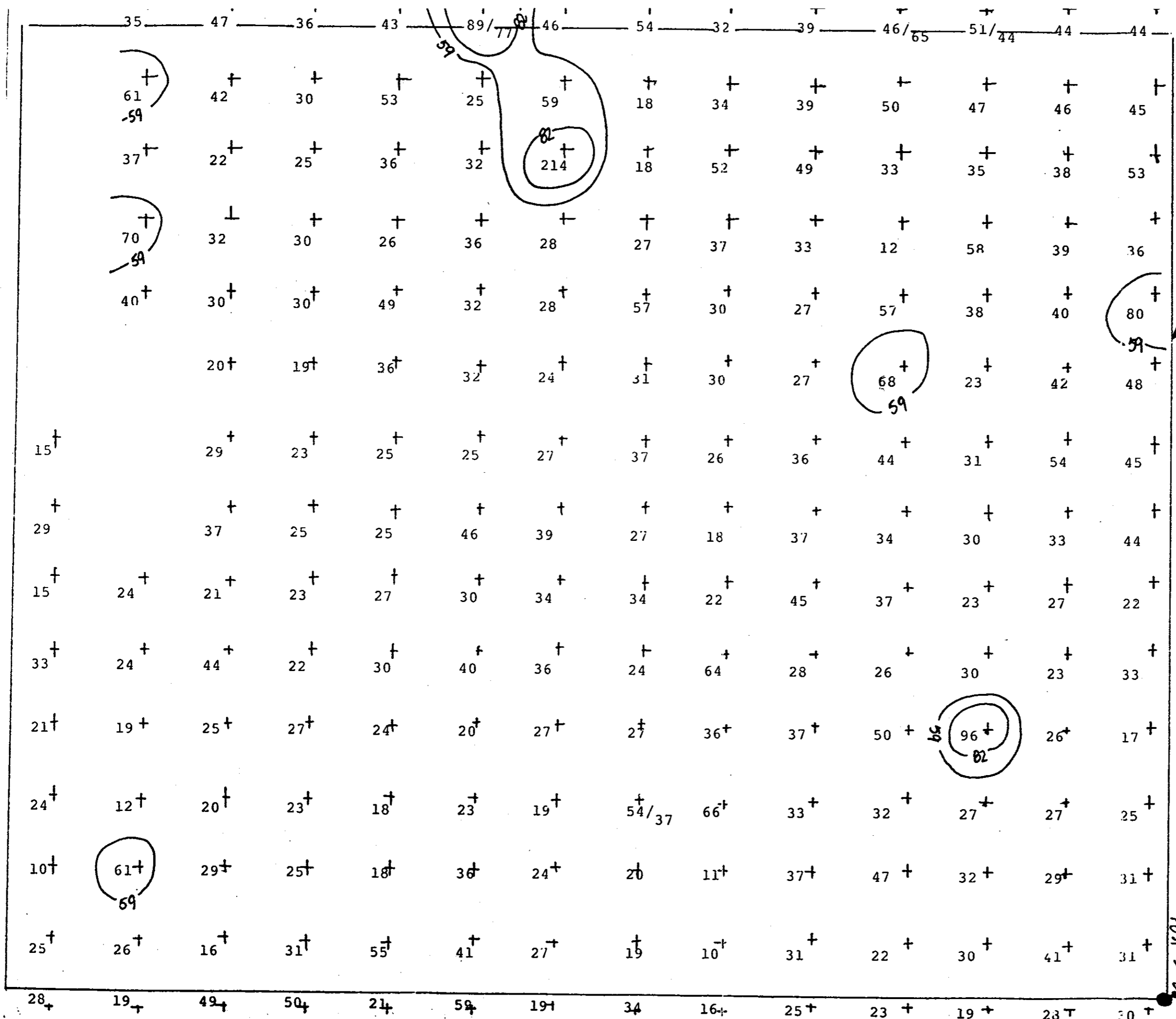
SILVER SOIL
GEOCHEMISTRY

KYLE CONSULTANTS

SCALE 1"=200 m

Figure 6

Legal Corner
Post 14

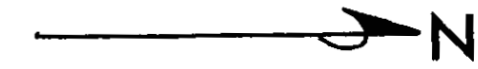
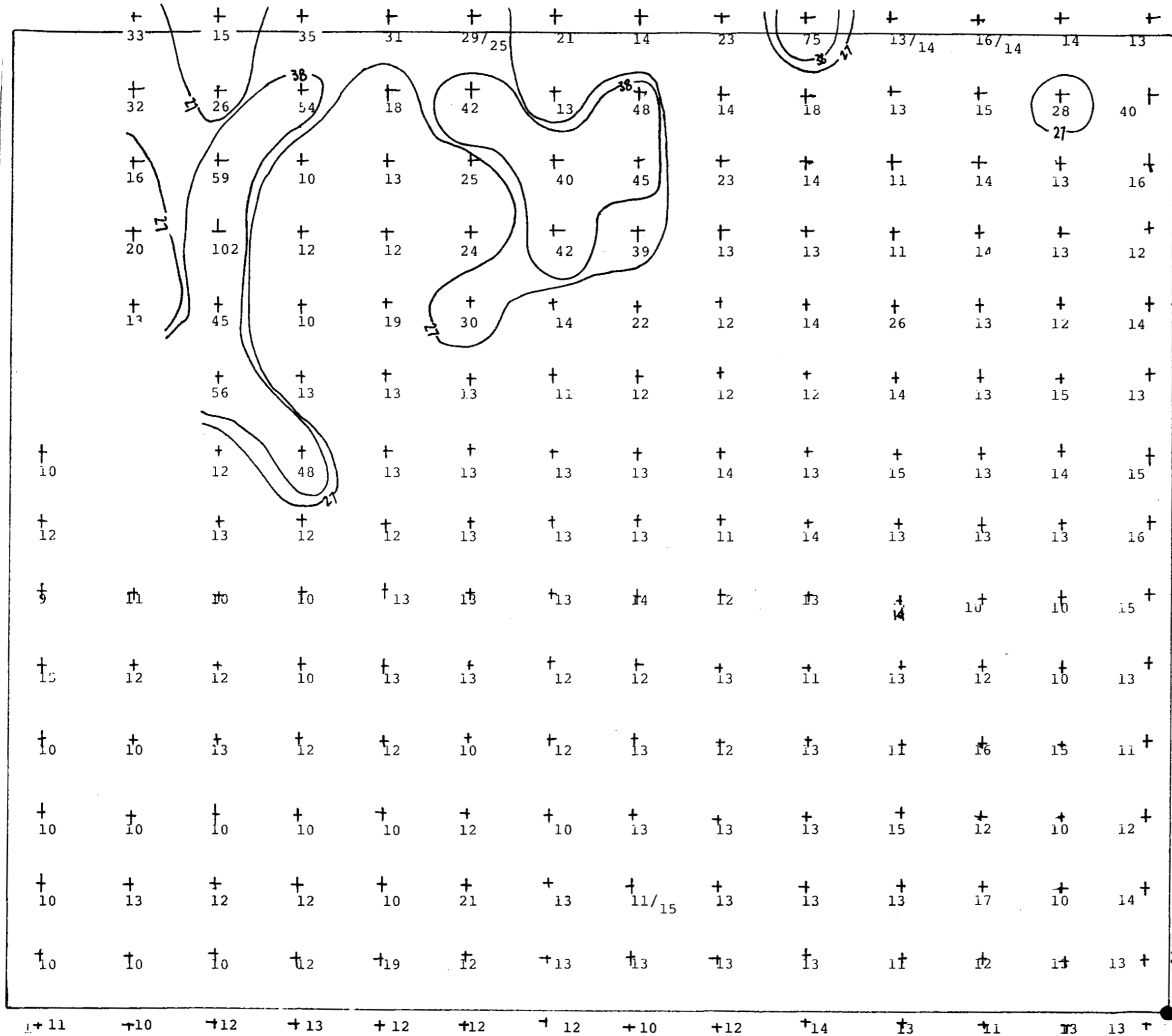


CM
Claim boundary

LEGEND	
	≥ 59 ppm COPPER
	≥ 82 ppm COPPER
	SAMPLE LOCATION

UNITED LIBERTY RESOURCES LTD.
COPPER SOIL GEOCHEMISTRY
KYLE CONSULTANTS
SCALE 1"=200 m
Figure 7

Lead Corner
Post



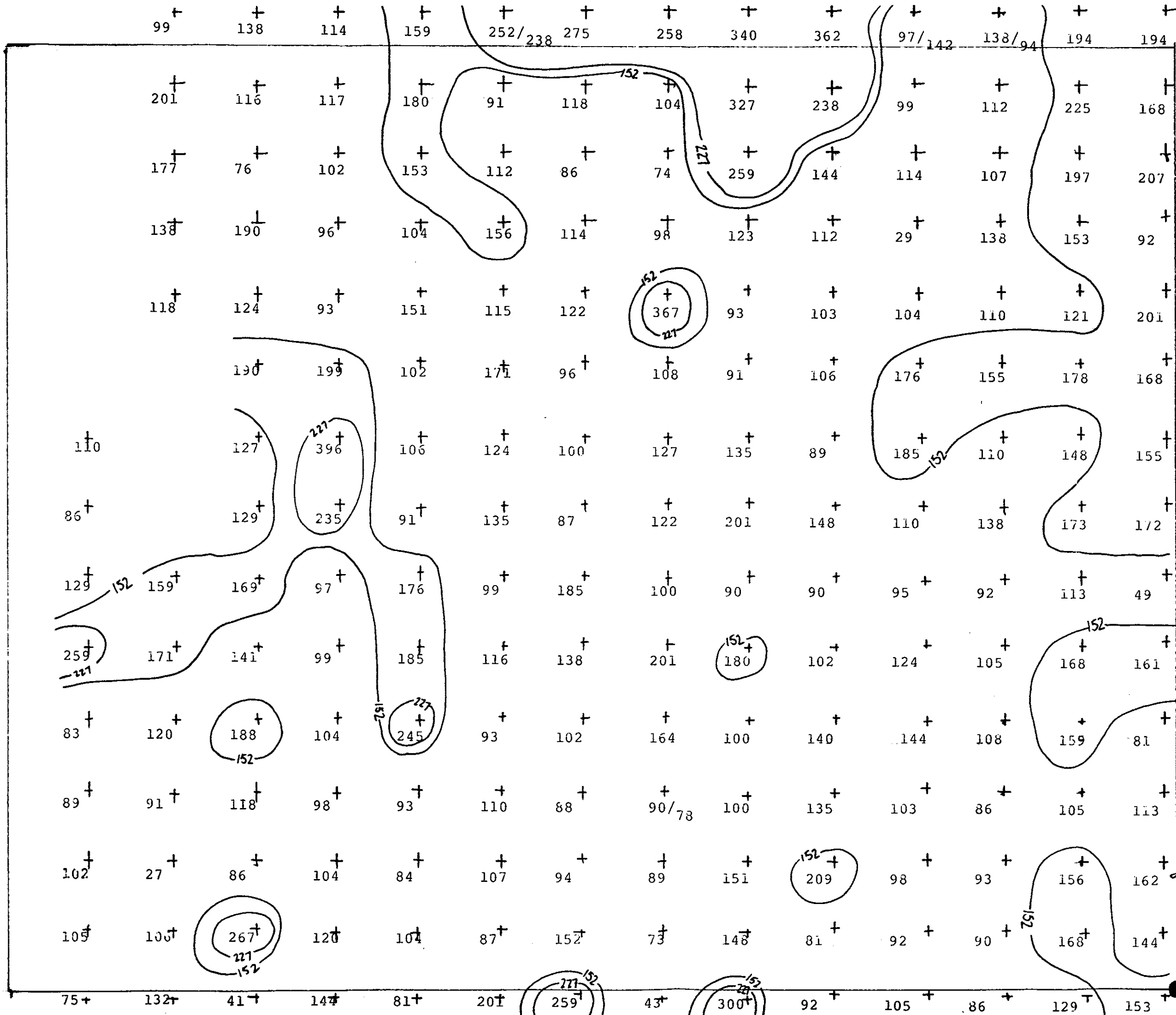
CM Claim boundary

LEGEND	
	≥ 27 ppm LEAD
	≥ 38 ppm LEAD
+	SAMPLE LOCATION

UNITED LIBERTY RESOURCES LTD.
LEAD SOIL GEOCHEMISTRY
KYLE CONSULTANTS
SCALE 1"=200m
Figure 8

Legal Corner Post

1+11 +10 +12 +13 +12 +12 +12 +10 +12 +14 13 +11 13 13 +



LEGEND

- 152 — \geq 152 ppm ZINC
- - - 227 - - - \geq 227 ppm ZINC
- + SAMPLE LOCATION

UNITED LIBERTY
RESOURCES LTD.

ZINC SOIL
GEOCHEMISTRY

KYLE CONSULTANTS

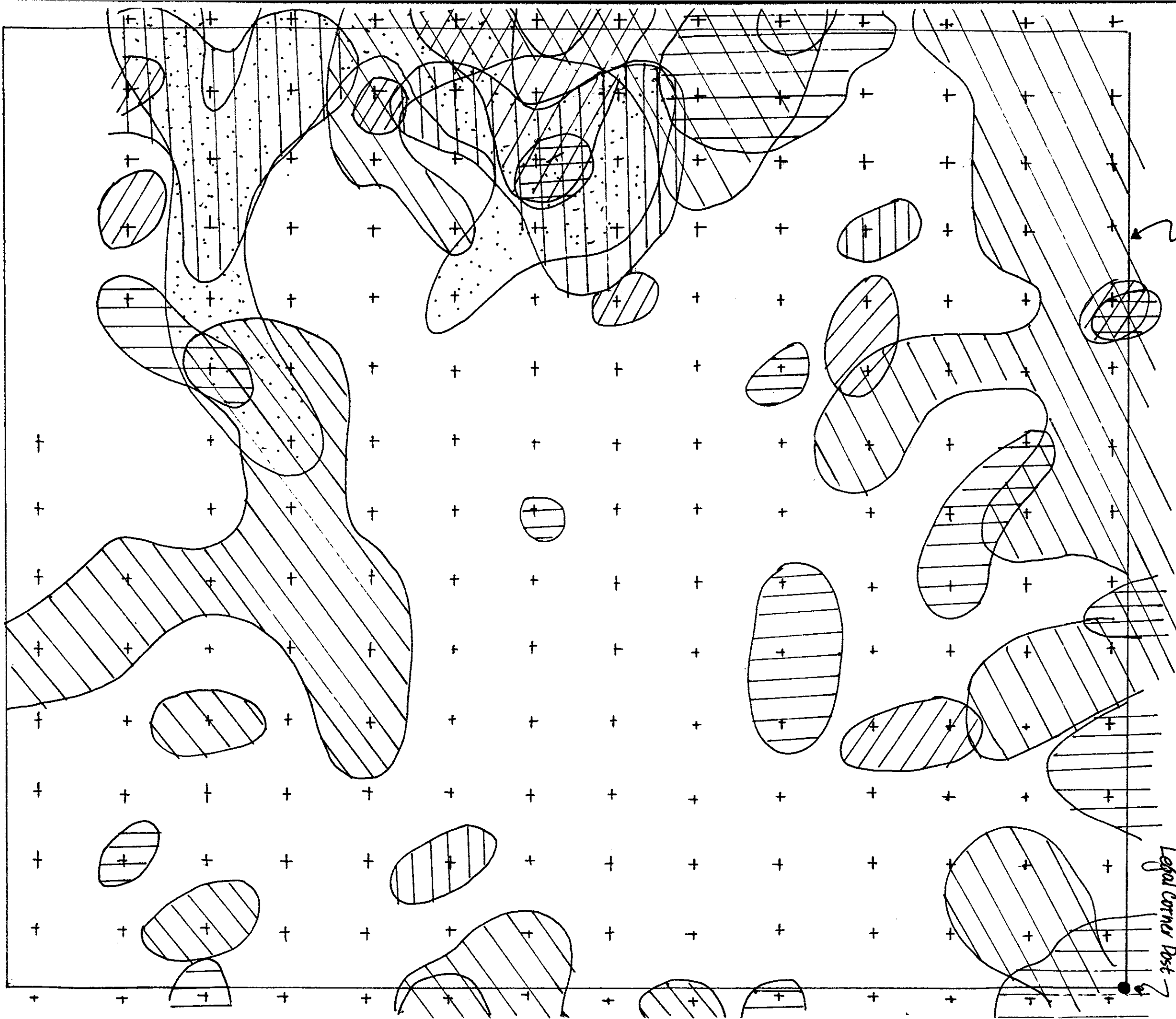
SCALE 1"=200m

Figure 9

→ N

CM
Claim boundary

Legal Corner Post



LEGEND

	GOLD ANOMALY (≥ 0.04 ppm)
	SILVER ANOMALY (≥ 0.86 ppm)
	COPPER ANOMALY (≥ 59 ppm)
	LEAD ANOMALY (≥ 27 ppm)
	ZINC ANOMALY (≥ 152 ppm)

UNITED LIBERTY RESOURCES LTD.
COMPILATION OF SOIL GEOCHEMISTRY
KYLE CONSULTANTS
SCALE 1"=200 m
Figure 10

The CM claim, formerly underlain in part by the DN, CM claim group, straddles the contact between the Guichon Creek Batholith and the Nicola volcanics.

Mineralization within contact metamorphosed skarns and limestones consists of pods of chalcopyrite and disseminated chalcocite. No economic concentrations of copper mineralization have been located on the property to date, but the geological environment is favorable for the formation of contact metasomatic deposits similar to the Craigmont deposit located near the south edge of the Guichon Batholith.

A soil geochemical sampling program was carried out in March 1984 as a preliminary investigation of the claim's mineral potential. Several anomalous zones were defined. A coincident gold, silver, copper, lead and zinc anomaly was defined in the western extents of the CM claim. Significantly this coincides with the contact between intrusive rocks of the Guichon Batholith and volcanic rocks of the Nicola formation.

A follow up program of geological mapping, rock chip sampling, cat-trenching of geochemical anomalies and magnetometer surveys is recommended.

The following two-phase exploration programme is recommended for the evaluation of the CM claim.

PHASE I

- i) An outcrop map of the claim should be completed at a scale of 1:4000.
- ii) Mineral showings should be sampled and assayed to rebuild the data base of previous exploration programmes.
- iii) A magnetometer survey should be carried out on the geochemical survey grid.
- iv) Geochemical anomalies located by the 1984 survey should be cat-trenched and any located mineralization sampled and assayed.

PHASE II

Phase II should concentrate on areas with coincident geochemical and magnetic anomalies which may have associated surface mineral showings. Detailed fill-in geochemical surveying with additional electromagnetic surveying of favorable areas should be undertaken to define potential drill targets. If targets are defined, these should be drill-tested.

ESTIMATED BUDGET

PHASE I

Line cutting and establishment of grid, 30 km @ \$100/km	\$ 3,000
Geological mapping and prospecting: 1 geologist and 1 prospector 7 days @ \$500/day	3,500
Geochemical sampling: 500 samples @ \$10/sample	5,000
Magnetometer Survey 2 men, 6 days @ \$800/day	4,800
Cat-trenching, 50 hrs. @ \$100/hr	5,000
Report preparation	2,000
Contingencies	<u>3,000</u>
	<u>\$ 26,300</u>

1984 PROGRAM EXPENDITURE

ASSAYING		\$ 2,084.85	
LABOUR	2 men	1 man @ \$ 170.00	850.00
	(5 days)	1 man @ \$ 100.00	500.00
FOOD & ACCOMODATION	10 man days @ \$ 45.00		450.00
TRANSPORT			
	Vehicle Rental	5 days @ \$ 50.00	250.00
	Mileage	1130 km @ \$.20	225.00
	Gasoline		
SUPPLIES			
	Sample Bags		60.00
	Topofil		20.00
DATA REVIEW AND REPORT PREPARATION			1,500.00
	Drafting		120.00
	Typing and Secretarial		110.00
	Xeroxing and Copying		45.00
	Telephone		<u>18.00</u>
TOTAL EXPENDITURE			<u>\$ 6,153.85</u>

LIST OF REFERENCES

21

- ASH, W. 1970: "GEOPHYSICAL REPORT ON THE DN CLAIM GROUP, BASQUE AREA, ASHCROFT, B.C." for Grandora Explorations Limited - Alrae Engineering Ltd .
- B.C. DEPARTMENT
OF MINES REPORTS: Geology, Exploration and Mining Reports
1969-241; 1970-326; Assessment Report
2596-1970
- MCMILLAN, W.J. 1976 "GEOLOGY AND GENESIS OF THE HIGHLAND VALLEY ORE DEPOSITS AND THE GUICHON CREEK BATHOLITH" in Porphyry Deposits of the canadian Cordilliers C.I.M.M. Spec. Vol. 15, P. 85-104.

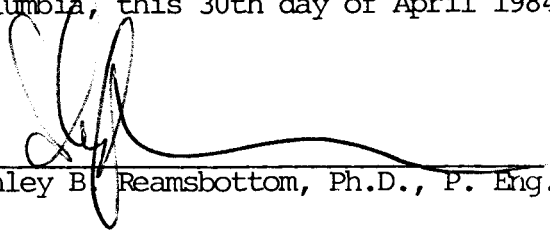
CERTIFICATE

22

I, STANLEY B. REAMSBOTTOM, DO HEREBY CERTIFY:

1. THAT I am a consulting geiologist with office at #1202-789 West Pender Street, Vancouver, British Columbia, V6C 1H2.
2. THAT I am a graduate of the University of Aberdeen, Scotland, 1968 with a B.Sc., Geology (1st Class Honours) degree.
3. THAT I am a graduate of the University of British Columbia, Vancouver, B.C., with M.Sc., Geology, 1971, and Ph.D., Geology, 1974, degrees.
4. THAT I am a registered member of the Association of Professional Engineers of British Columbia.
5. THAT I have practised my profession for 16 years.
6. THAT I have no direct, indirect, or contingent interest in the mineral claims held by United Liberty Ltd., nor in the securities of United Liberty Resources Ltd., nor do I intend to receive any such interest.
7. THAT this report, dated April 30, 1984, is based on a personal examination of the CM Claim and on data collected under my supervision.

Dated at Vancouver, British Columbia, this 30th day of April 1984.


Stanley B. Reamsbottom, Ph.D., P. Eng.

QUALIFICATIONS

Michael Sainas:

1. is resident at 4686 N.W. Marine Drive, Vancouver, B.C.
2. is a graduate of the University of British Columbia with a B.Sc. in Geology, 1983.
3. has practiced his profession for two years.

Barry Drinkwater:

1. is resident at #210 - 3260 East 58th Ave, Vancouver, British Columbia.
2. has participated in previous geochemical sampling programs.

APPENDIX I

ASSAY CERTIFICATES



General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE

TO: QUESTORE CONSULTANTS LTD.
 1200 - 789 West Pender St.,
 Vancouver, B.C.
 V6C 1H2

CERTIFICATE OF ASSAY

No.: 8403-2351 DATE: Apr. 5/84

We hereby certify that the following are the results of assays on: submitted soil samples

MARKED	GOLD	SILVER	Copper	Lead	Zinc	xxx	xxx	xxx
	Au(ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)			
A	0.04	0.42	30	13	153			
A-1	0.04	0.42	31	13	144			
2	0.03	0.50	31	14	162			
3	0.05	0.42	25	12	113			
4	0.04	0.42	17	11	81			
5	0.03	0.50	33	13	161			
6	0.04	0.50	22	15	49			
7	0.01	0.50	44	16	172			
8	0.03	0.50	45	15	155			
9	0.03	0.50	48	13	168			
10	0.04	0.58	86	14	201			
11	0.01	0.50	36	12	92			
12	0.03	0.58	53	16	207			
13	0.04	0.50	45	14	168			
A-14	0.03	0.50	44	13	194			
B	0.04	0.58	28	13	129			
B-1	0.03	0.58	41	13	168			
2	0.03	0.42	29	10	156			
3	0.01	0.42	27	10	105			
4	0.02	0.58	26	15	159			
5	0.03	0.42	23	10	168			
6	0.02	0.42	27	10	113			
7	0.02	0.50	33	13	173			
8	0.04	0.50	54	14	148			
9	0.02	0.50	42	15	178			
10	0.02	0.50	40	12	121			
11	0.01	0.50	39	13	153			
12	0.02	0.42	38	13	197			
13	0.02	0.58	46	28	225			
B-14	0.01	0.50	44	14	194			
C	0.01	0.50	19	11	86			
C-1	0.02	0.50	30	12	90			
2	0.02	1.20	32	17	93			
C-3	0.01	0.42	27	12	86			

/ Continued on page 2

TE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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P. Buschlen, Chemist

PROVINCIAL APPROVER

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General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE

TO:
QUESTORE CONSULTANTS LTD.
 page 2

CERTIFICATE OF ASSAY

No.: **8403-2351** DATE: **Apr. 5/84**

We hereby certify that the following are the results of assays on: **submitted soil samples**

MARKED	GOLD	SILVER	Copper	Lead	Zinc	xxx	xxx	xxx
	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)			
C-4	0.01	0.50	96	16	108			
5	0.01	0.42	30	12	105			
6	0.04	0.50	23	11	92			
7	0.04	0.42	30	13	138			
8	0.02	0.42	31	13	110			
9	0.03	0.50	23	13	155			
10	0.03	0.50	38	13	110			
11	0.03	0.75	58	14	138			
12	0.01	0.42	35	14	107			
13	0.03	0.50	47	15	112			
14 (A)	0.02	0.50	51	16	138			
C-14 (B)	0.02	0.66	44	14	94			
D	0.02	0.50	23	13	105			
D-1	0.02	0.42	22	11	92			
2	0.05	0.50	47	13	98			
3	0.04	0.50	32	15	103			
4	0.01	0.50	50	11	144			
5	0.02	0.50	26	13	124			
6	0.02	0.50	37	14	95			
7	0.03	0.58	34	13	110			
8	0.01	0.58	44	15	185			
9	0.02	0.50	68	14	176			
10	0.01	0.58	57	26	104			
11	0.01	1.20	12	11	29			
12	0.01	0.42	33	11	114			
13	0.02	0.50	56	13	99			
14 (A)	0.03	0.50	46	13	97			
D-14 (B)	0.04	0.58	65	14	142			
E	0.08	1.42	25	14	92			
E-1	0.02	0.50	31	13	81			
2	0.02	0.50	37	13	209			
3	0.03	0.42	33	13	135			
4	0.04	0.66	37	13	146			
E-5	0.04	0.33	28	11	102			

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NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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P. Buschlen, Chemist

PROVINCIAL ASSAYER

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CERTIFICATE OF ASSAY

No.: 8403-2351 DATE: April 5, 1984

We hereby certify that the following are the results of assays on: **submitted soil samples**

MARKED	GOLD	SILVER	Copper	Lead	Zinc	XXX	XXX	XXX
	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)			
E-6	0.04	0.50	45	13	90			
7	0.03	0.42	39	14	148			
8	0.04	0.50	36	13	89			
9	0.06	0.42	27	12	106			
10	0.02	0.50	27	14	103			
11	0.02	0.50	33	13	112			
12	0.02	0.50	49	14	144			
13	0.04	0.58	39	18	238			
E-14	0.04	0.50	39	75	362			
F-	0.03	0.42	16	12	300			
F-1	0.01	0.33	10	13	148			
2	0.01	0.42	11	13	151			
3	0.01	0.50	66	13	100			
4	0.01	0.42	36	12	100			
5	0.01	0.50	64	13	180			
6	0.02	0.25	22	12	90			
7	0.01	0.33	18	11	201			
8	0.02	0.50	26	14	135			
9	0.01	0.33	30	12	91			
10	0.01	0.42	30	12	93			
11	0.01	0.42	37	13	123			
12	0.01	0.50	52	23	259			
13	0.05	0.50	34	14	327			
F-14	0.05	0.42	32	23	340			
G	0.02	0.42	34	10	143			
G-1	0.02	0.66	19	13	73			
2	0.01	0.42	20	11	89			
3 (A)	0.01	0.83	54	15	90			
3 (B)	0.01	0.66	37	13	78			
4	0.01	0.58	27	13	104			
5	0.01	0.42	24	12	201			
6	0.01	0.50	34	14	100			
7	0.01	0.33	27	13	122			
G-8	0.01	0.58	31	13	127			

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CERTIFICATE OF ASSAY

No.: 8403-2351 DATE: Apr. 5/84

We hereby certify that the following are the results of assays on: **submitted soil samples**

MARKED	GOLD	SILVER	Copper	Lead	Zinc	XXX	XXX	XXX
	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)			
G-9	0.01	0.42	31	12	108			
10	0.03	0.50	57	22	367			
11	0.01	1.75	21	39	98			
12	0.03	1.91	18	45	74			
13	0.01	2.10	18	48	104			
G-14	0.03	0.42	54	14	258			
H	0.05	0.42	19	12	259			
H-1	0.01	0.42	27	13	152			
2	0.01	0.42	24	13	94			
3	0.01	0.25	19	10	88			
4	0.01	0.42	27	12	102			
5	0.01	0.42	36	12	138			
6	0.01	0.42	34	13	185			
7	0.08	1.66	39	13	87			
8	0.01	0.50	27	13	100			
9	0.01	0.25	24	11	96			
10	0.01	0.41	28	14	122			
11	0.03	1.41	28	42	114			
12	0.05	1.66	214	40	86			
13	0.02	0.33	59	13	118			
H-14	0.03	0.50	46	21	275			
I	0.02	0.25	59	12	201			
I-1	0.01	0.33	41	12	87			
2	0.01	1.41	36	21	107			
3	0.01	0.42	23	12	116			
4	0.01	0.33	26	10	93			
5	0.01	0.33	40	13	116			
6	0.01	0.42	30	13	99			
7	0.01	0.42	46	13	135			
8	0.01	0.42	25	13	124			
9	0.01	0.42	32	13	171			
10	0.01	0.83	32	30	115			
11	0.01	0.58	36	24	156			
12	0.01	0.50	32	25	112			
13	0.03	1.91	25	42	91			
14 (A)	0.03	0.83	89	29	252			
I-14 (B)	0.03	0.83	77	25	338			

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P. Buschlen
P, Buschlen, Chemist

PROFESSOR

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CERTIFICATE OF ASSAY

No.: 8403-2351 DATE: Apr. 5/84

We hereby certify that the following are the results of assays on: **submitted soil samples**

MARKED	GOLD	SILVER	Copper	Lead	Zinc	xxx	xxx	xxx
	Au (ppm)	Ag (ppm)	Cu(ppm)	Pb (ppm)	Zn (ppm)			
J	0.01	0.33	21	12	81			
J-1	0.03	0.83	55	19	104			
2	0.01	0.33	18	10	84			
3	0.01	0.25	18	10	93			
4	0.02	0.42	24	12	245			
5	0.02	0.42	30	13	185			
6	0.01	0.33	27	13	176			
7	0.01	0.42	25	12	91			
8	0.01	0.42	25	13	106			
9	0.01	0.42	36	13	102			
10	0.01	0.50	49	19	151			
11	0.01	0.25	26	12	104			
12	0.01	0.33	36	13	153			
13	0.01	0.58	53	18	180			
J-14	0.01	0.50	43	31	159			
K	0.01	0.42	50	13	144			
K-1	0.01	0.33	31	12	120			
2	0.01	0.25	25	12	104			
3	0.02	0.25	23	10	98			
4	0.02	0.42	27	12	104			
5	0.01	0.33	22	10	99			
6	0.01	0.33	23	10	97			
7	0.01	0.42	25	12	235			
8	0.01	0.42	23	48	396			
9	0.01	0.25	19	13	199			
10	0.01	0.33	30	10	93			
11	0.01	0.33	30	12	96			
12	0.01	0.33	25	10	102			
13	0.04	1.60	30	54	117			
K-14	0.04	1.16	36	35	114			
L	0.05	0.33	49	12	41			
L-1	0.02	0.25	16	10	267			
2	0.02	0.25	29	12	86			
3	0.02	0.33	20	10	118			
4	0.04	0.42	25	13	188			
L-5	0.02	0.42	44	12	141			

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~~PROPRIETARY~~

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No.: **8403-2351** DATE: **Apr. 5/84**

We hereby certify that the following are the results of assays on: **submitted soil samples**

MARKED	GOLD	SILVER	Copper	Lead	Zinc	XXX	XXX	XXX
	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)			
L-6	0.02	0.33	21	10	169			
7	0.03	0.33	37	13	129			
8	0.02	0.25	29	12	127			
9	0.05	0.33	20	56	190			
10	0.01	0.42	30	45	124			
11	0.03	0.75	32	102	190			
12	0.03	1.80	22	59	76			
13	0.02	0.91	42	26	116			
L-14	0.01	0.33	47	15	138			
M	0.02	0.33	19	10	132			
M-1	0.03	0.42	26	10	106			
2	0.05	0.33	61	13	27			
3	0.01	0.25	12	10	91			
4	0.01	0.25	19	10	120			
5	0.01	0.42	24	12	171			
6	0.02	0.33	24	11	159			
10	0.04	0.25	40	13	118			
11	0.01	0.42	70	20	138			
12	0.01	0.33	37	16	177			
13	0.04	1.25	61	32	201			
M-14	0.04	0.91	35	33	99			
N	0.01	0.33	28	11	75			
N-1	0.01	0.33	25	10	105			
2	0.01	0.25	10	10	102			
3	0.01	0.33	24	10	89			
4	0.01	0.33	21	10	83			
5	0.01	0.50	33	15	259			
6	0.01	0.25	15	9	129			
7	0.02	0.30	29	12	86			
N-8	0.03	0.33	15	10	110			

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