N B C SYNDICATE

EXPLORATION REPORT

1969

J.C. Stephen Dec. 1969

672028

LIST OF ILLUSTRATIONS

FIGURE	TITLE	FOLLOWING PAGE
I	Index Map of 1969 Prospecting Areas	1
II	Bridge Lake Area	3
III	Taweel Lake Area	4
IV	Canim Lake Area - Geology & Geochemistry	5
V	Canim Claim Group	5
Va	Neil Claim Group	5
VI	Will Claim Group - Geology	6
VII	Will Claim Group - Soil Samples	6
VIII	Finger Lake Area	9
IX	Camp Lake Area - Geology	10
X	Camp Lake Area - Detail Geology of Trenches	10
XI	Jean Claim Group - General Geology	12
XII	Jean Claim Group - Profiles Chargeability and Geochemistry	12
XIII	Tchentlo Lake Area Claim Groups	16
XIV	Tchentlo Lake Area - Geology	16
XV	Twin Claim Group - Geochemical Survey	19
XVI	Takla Claim Group - Geochemistry	20
XVII	Takla Claim Group - Magnetometer Survey	20

PLATE	TITLE	
I	Chemainus River Area Geology	In map pocket
II	Sinclair Mills Area Geology & Geochemistry	"
III	Jean Claim Group Geochemical Survey & Outcrop Distribution	"
IV	Jean Claim Group Geochemical Survey & Outcrop Distribution	"
V	Far Claim Group Magnetometer Survey	"
VI	Chuchi Tchentlo Lake Prospecting Area	"
VII	Tchentlo Lake Prospecting Area	"
VIII	Kwanika Creek Prospecting Area	"
IX	Rock Claim Group Geology & Geochemistry	"
X	Twin Creek Area Geology	"
XI	Takla Claim Group Geology	"
XII	T.P. Claim Group Geology	"
XIII	T.P. Claim Group Geochemistry	"

PUT IN MANAGERS LETTER AS SHOWN. WRB

SUMMARY AND CONCLUSIONS

The N.B.C. Syndicate carried out its second year of exploration during 1969. Some further work was done on the TP, HAT, TEZ, FAR and HI claim groups staked in 1968. Additional claim groups were staked and exploration was concentrated on the JEAN, TAKLA and TWIN claim groups.

Results indicate further work is justified on several properties, namely the JEAN, HI, TWIN and WILL groups. This work is outlined under "Proposals for 1970 Exploration".

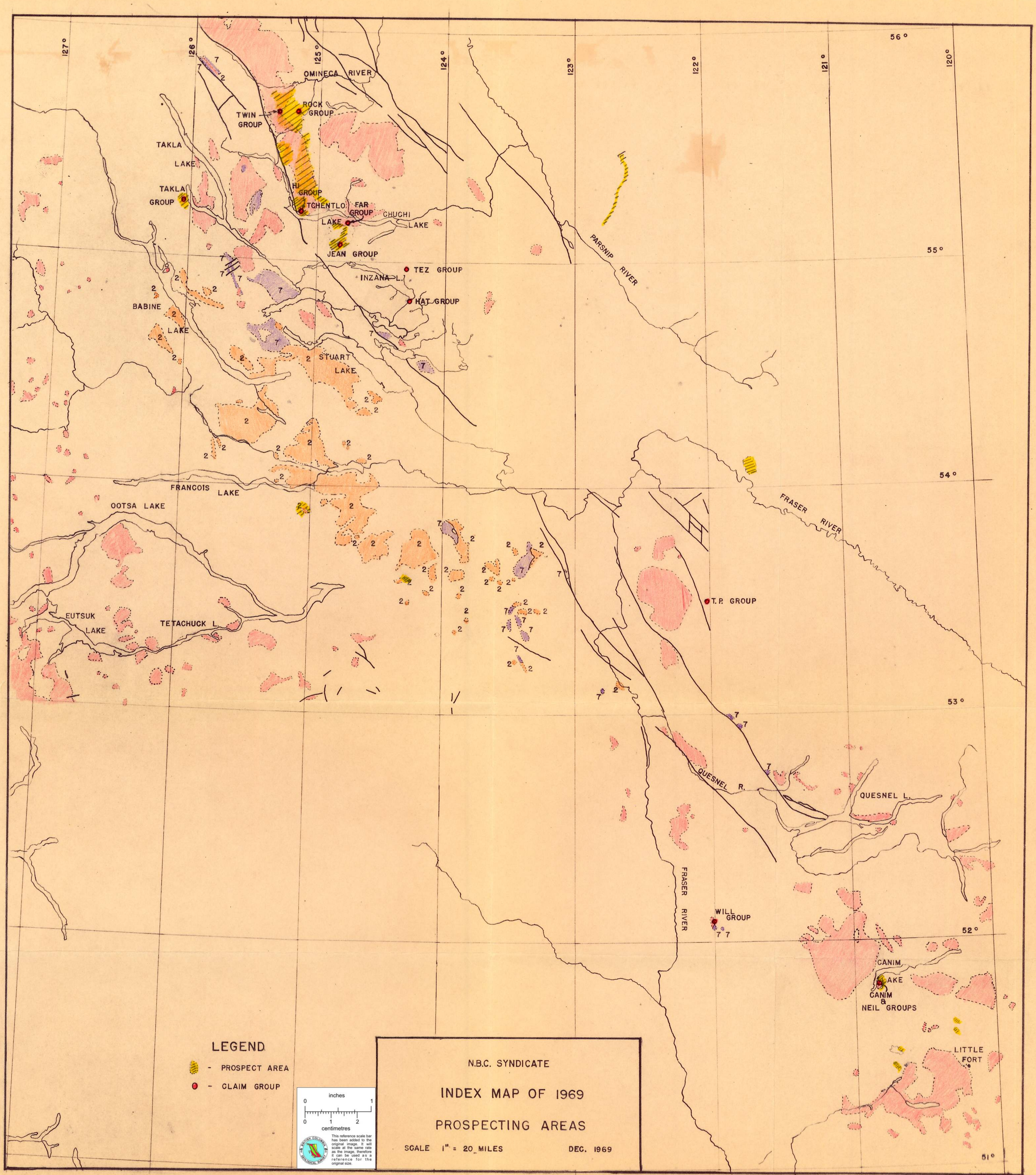
INTRODUCTION

Exploration was concentrated in the same general areas as during 1968. Additional aeromagnetic maps published during the season did not result in any substantial deviation from the program planned early in 1969.

Figure I is an index map showing location of areas within which exploration was carried out. Granitic intrusives received higher priority than had been the case in 1968.

Geochemistry, outcrop examination and magnetics were the chief prospecting methods used. Diamond drilling was carried out on the HAT claim group and linecutting was done on the TP, TEZ, FAR, HAT and JEAN claim groups. An IP survey was conducted on part of the JEAN group.

Following are brief resumes of results obtained in each specific area.



FIGURE

FIGURE I

CHEMAINUS RIVER AREA - Vancouver Island - Plate I

Prospecting of this area, brought to the Syndicate for examination, did not result in any new finds.

The Canego property, held now by Hibernia Mines Ltd., shows indications of significant tonnages of relatively high grade copper ore in skarn. The property probably deserves a program of trenching and diamond drilling. Best published reference is Bulletin 37 of the B.C. Department of Mines.

BRIDGE LAKE AREA - Figure II

Limited prospecting failed to find anything significant. Investigation was based on an aeromagnetic anomaly apparently transverse to a granitic-volcanic contact near Eugene Lake.

The anomaly is probably due to magnetite in the volcanics but has not been fully explained due to lack of outcrop.

A second anomaly along the east side of Bridge Lake is apparently due to a complex basic intrusive. No indications of mineralization were found.

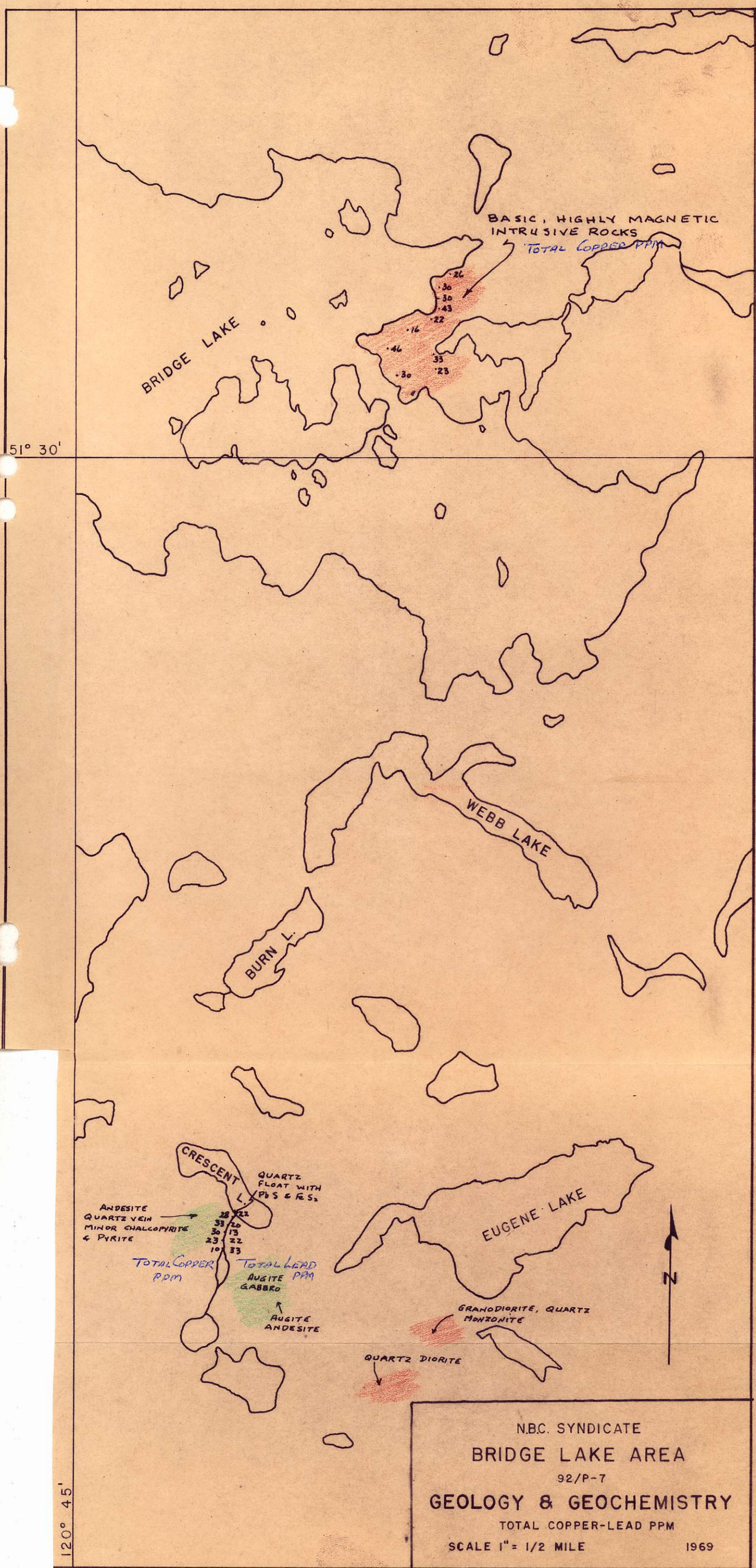

BASIC, HIGHLY MAGNETIC INTRUSIVE ROCKS
TOTAL COPPER PPM
·26
·30
·30
·43
·22
·16
·46
·30
·33
·23
BRIDGE LAKE
51° 30'
WEBB LAKE
BURN L.
CRESCENT L.
QUARTZ FLOAT WITH PbS & FeS2
ANDESITE QUARTZ VEIN MINOR CHALCOPYRITE & PYRITE
28 22
33 20
30 13
23 22
10 33
TOTAL COPPER PPM
TOTAL LEAD PPM
AUGITE GABBRO
AUGITE ANDESITE
EUGENE LAKE
GRANODIORITE, QUARTZ MONZONITE
QUARTZ DIORITE
N
120° 45'
N.B.C. SYNDICATE
BRIDGE LAKE AREA
92/P-7
GEOLOGY & GEOCHEMISTRY
TOTAL COPPER-LEAD PPM
SCALE 1" = 1/2 MILE
1969

FIGURE II

TAWEEL LAKE AREA - Figure III

Two aeromagnetic anomalies were briefly examined along with old showings in the vicinity.

Nothing new of interest was found.

Sediments east of the south end of Taweel Lake contain magnetite and are apparently responsible for the magnetic high.

No real explanation was found for the magnetic low three miles south of Taweel Lake. No significant mineralization was found.

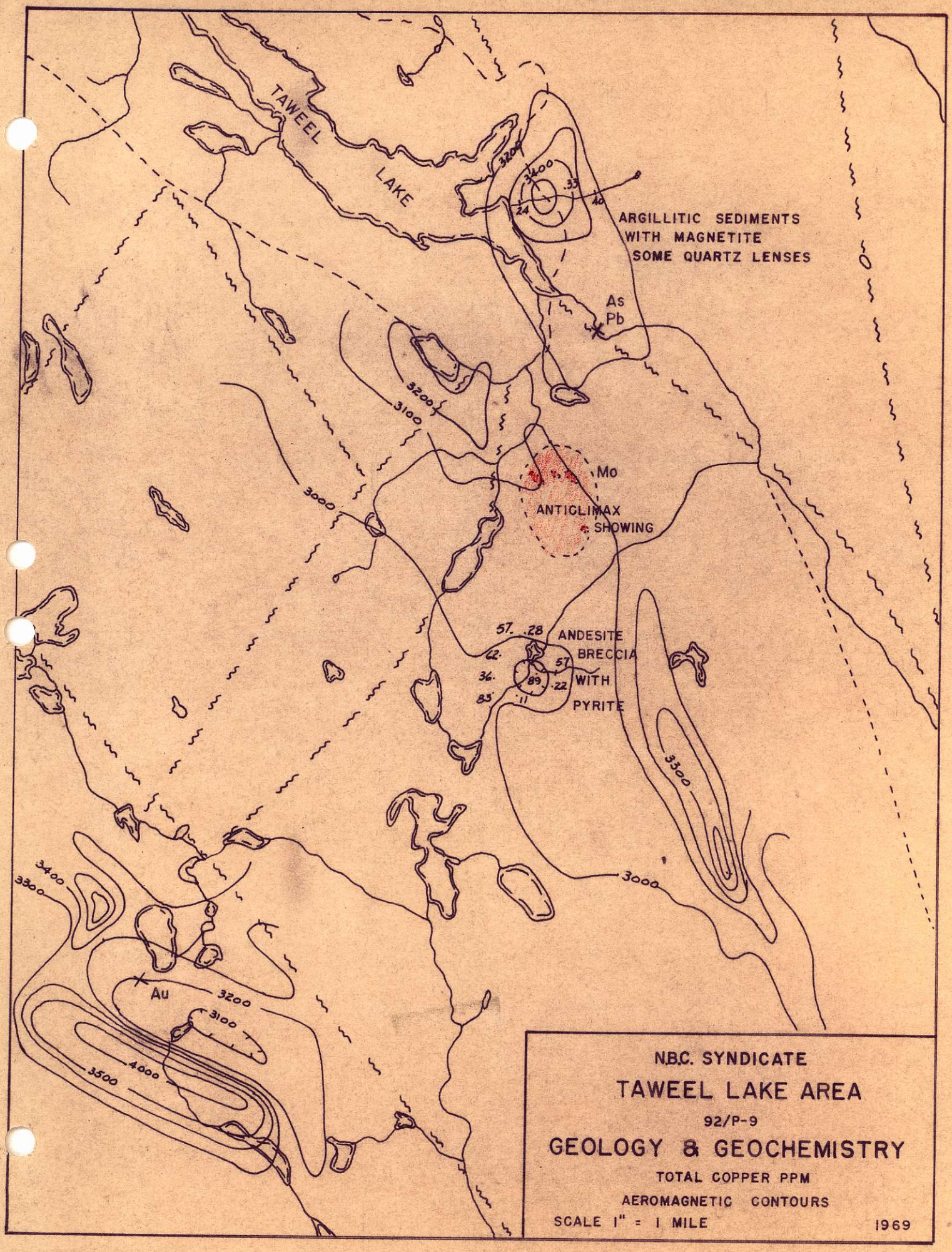
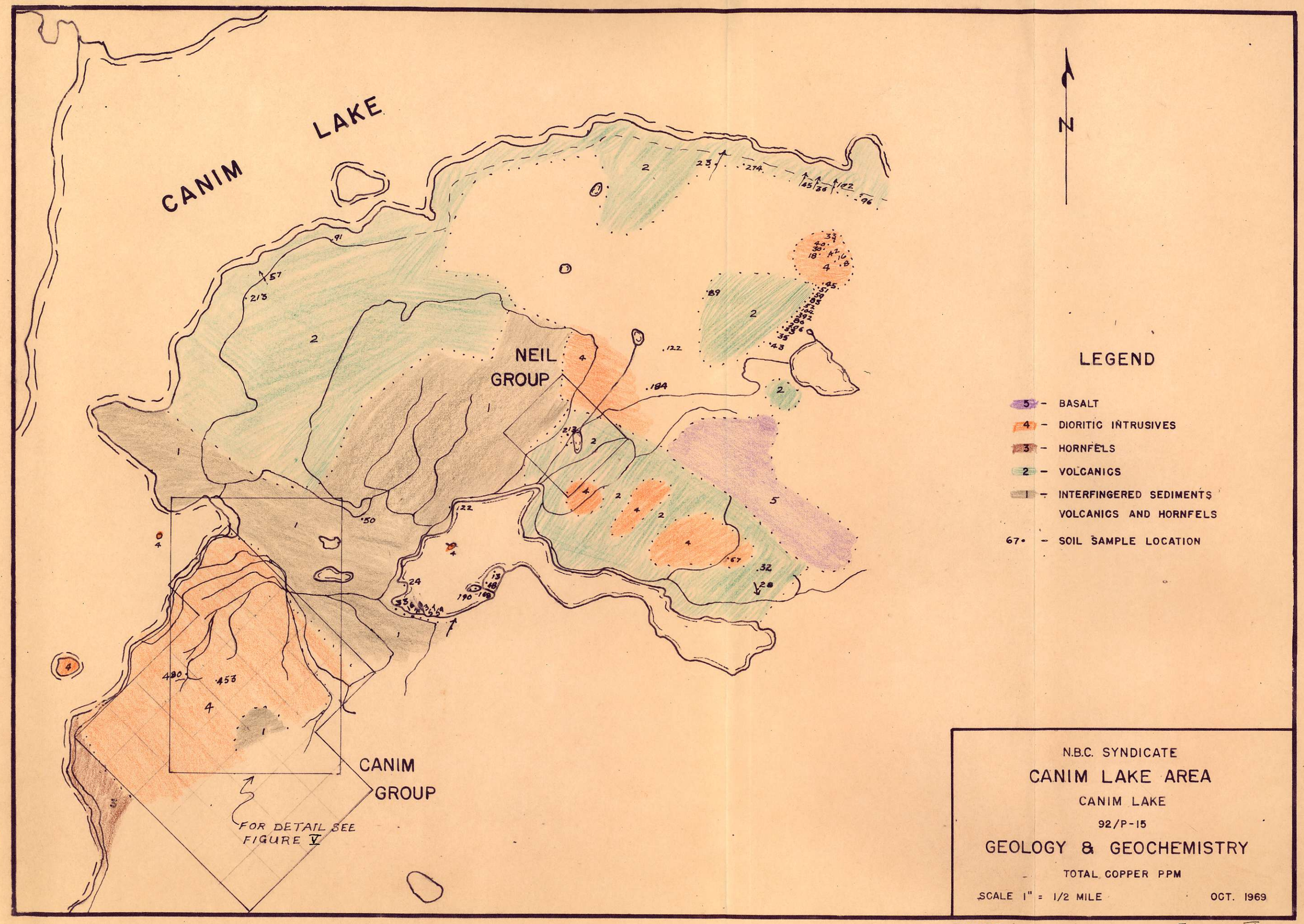

TAWEEL
LAKE
3200
3300
.33
24
40
ARGILLITIC SEDIMENTS
WITH MAGNETITE
SOME QUARTZ LENSES
As
Pb
3200
3100
3000
Mo
ANTICLIMAX
SHOWING
57.
.28
ANDESITE
BRECCIA
WITH
PYRITE
62.
36.
85.
89
57
.22
.11
3300
3000
3400
3300
Au
3200
3100
4000
3500
N.B.C. SYNDICATE
TAWEEL LAKE AREA
92/P-9
GEOLOGY & GEOCHEMISTRY
TOTAL COPPER PPM
AEROMAGNETIC CONTOURS
SCALE 1" = 1 MILE
1969

FIGURE III

CANIM LAKE AREA - Figures IV, V and Va

Silt and soil sampling, together with prospecting, indicate minor occurrences of copper and molybdenite mineralization in granitic rocks. Alteration has resulted in extensive areas of hornfels surrounding the intrusives. The CANIM and NEIL claim groups were staked during prospecting. Much of the same area had been previously examined by Cominco. No further work is planned.



FIGURE

FIGURE IV

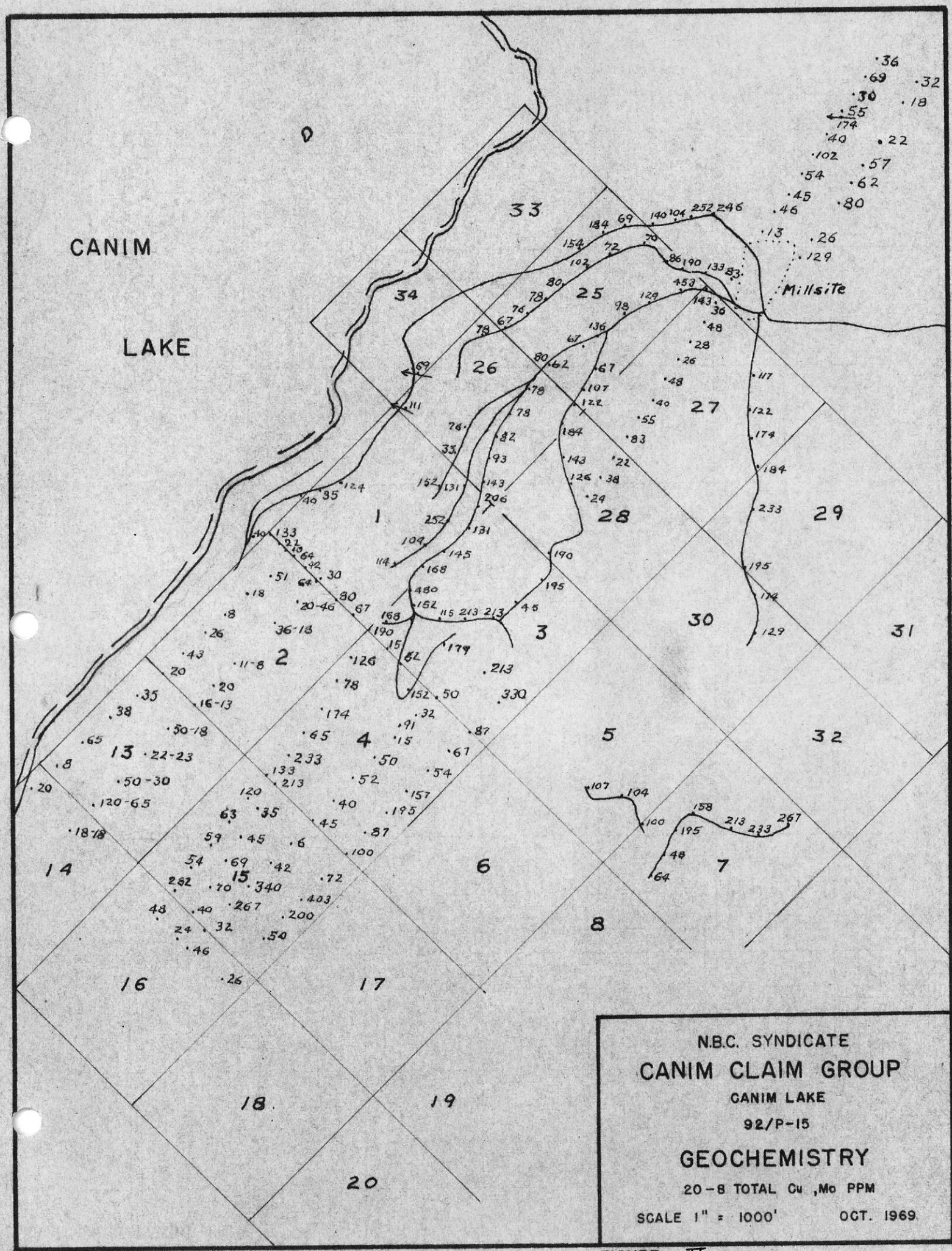
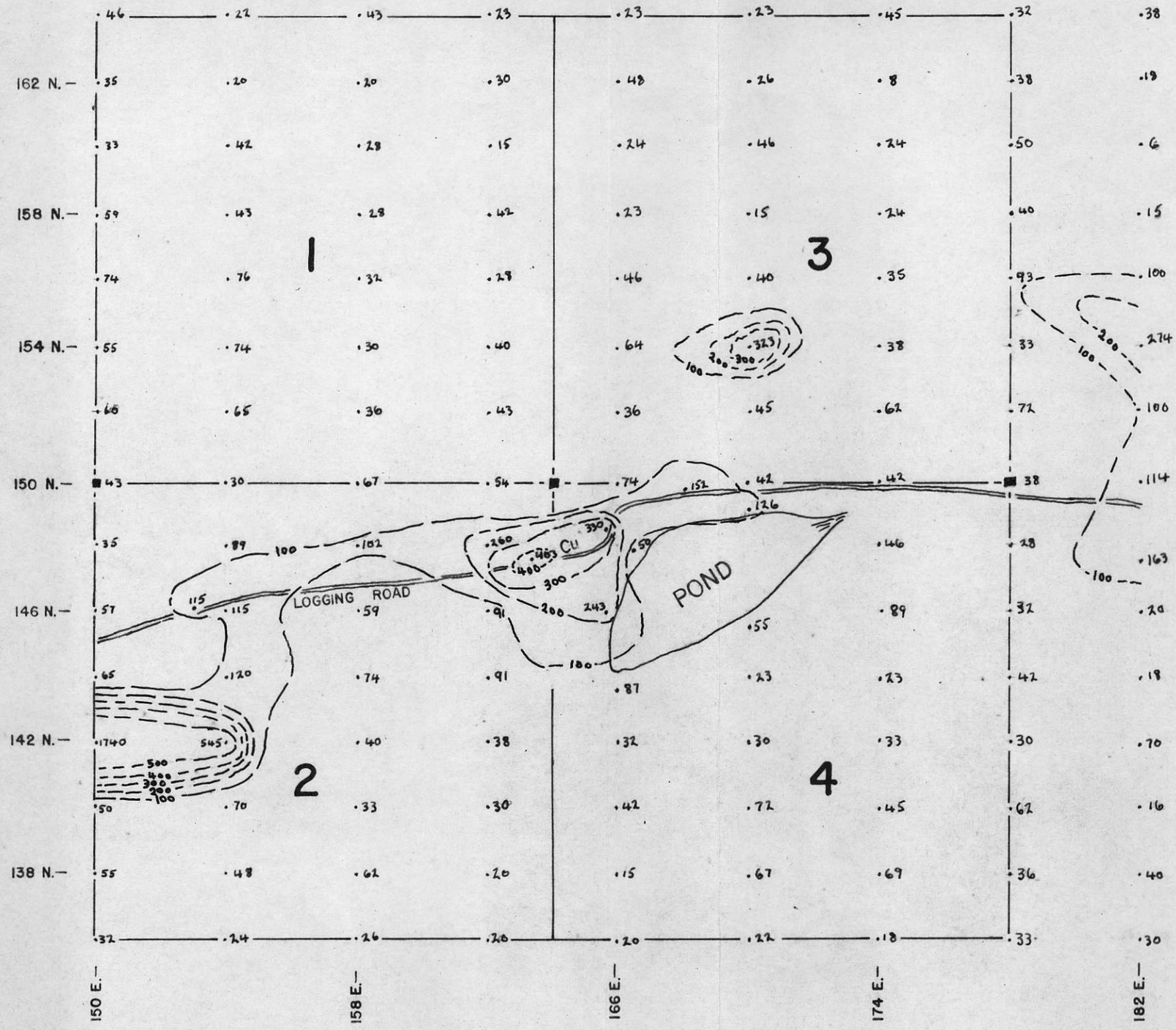

CANIM
LAKE
Millsite
N.B.C. SYNDICATE
CANIM CLAIM GROUP
CANIM LAKE
92/P-15
GEOCHEMISTRY
20-8 TOTAL Cu ,Mo PPM
SCALE 1" = 1000'
OCT. 1969

FIGURE V



N.B.C. SYNDICATE

NEIL CLAIM GROUP

CANIM LAKE

92/P-15

GEOCHEMISTRY

TOTAL COPPER PPM

SCALE 1" = 400' OCT. 1969

FIGURE VII

WILLIAMS LAKE AREA - Figures VI and VII

The WILL group of 12 claims was staked covering part of a granitic intrusive. Shearing, and alteration to quartz-sericite schist, is evident with very minor copper mineralization.

Soil sampling indicates a small anomalous area. Some further soil sampling and geological mapping appear warranted.

This claim group is discussed further under "Proposals for 1970 Exploration".

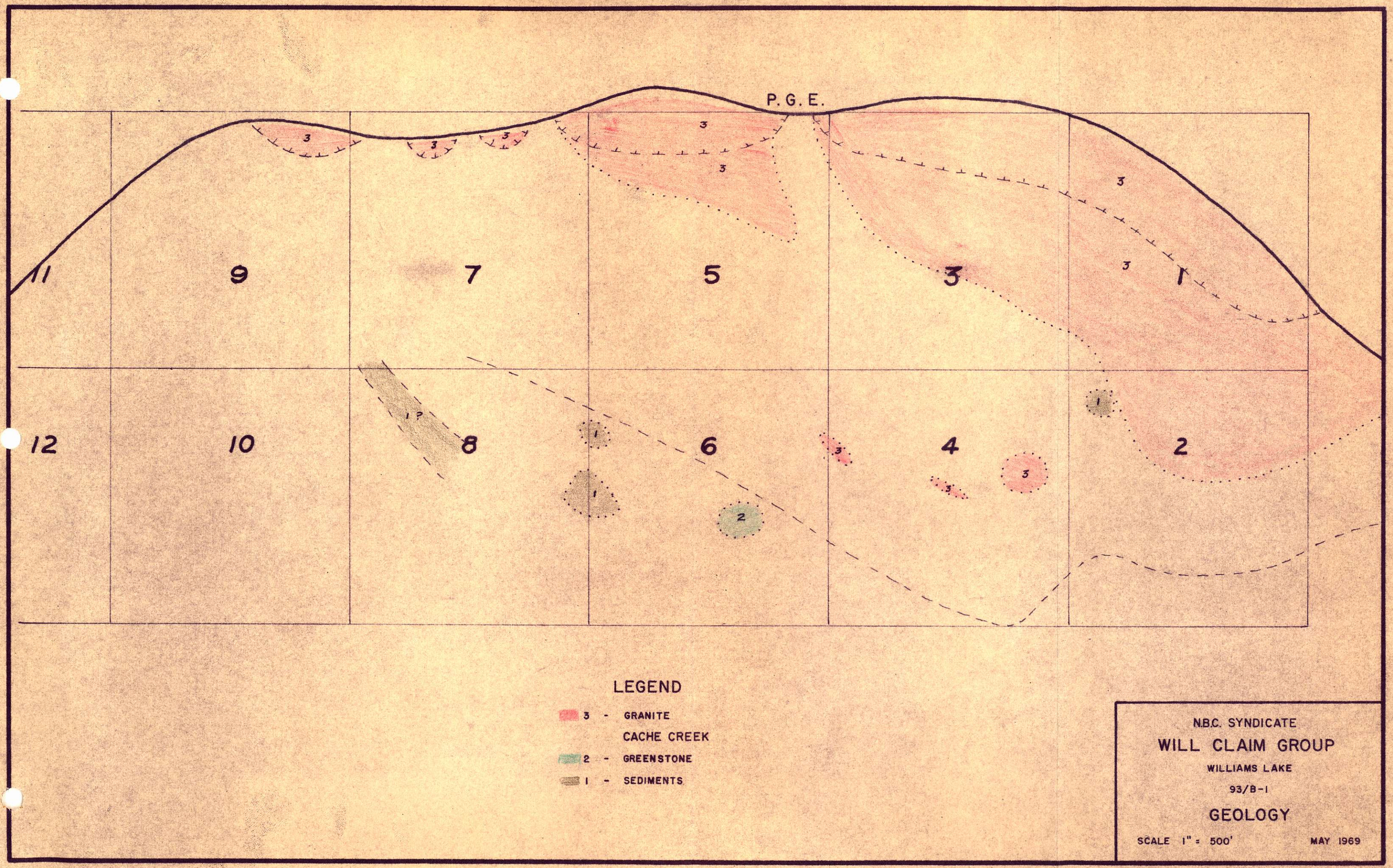
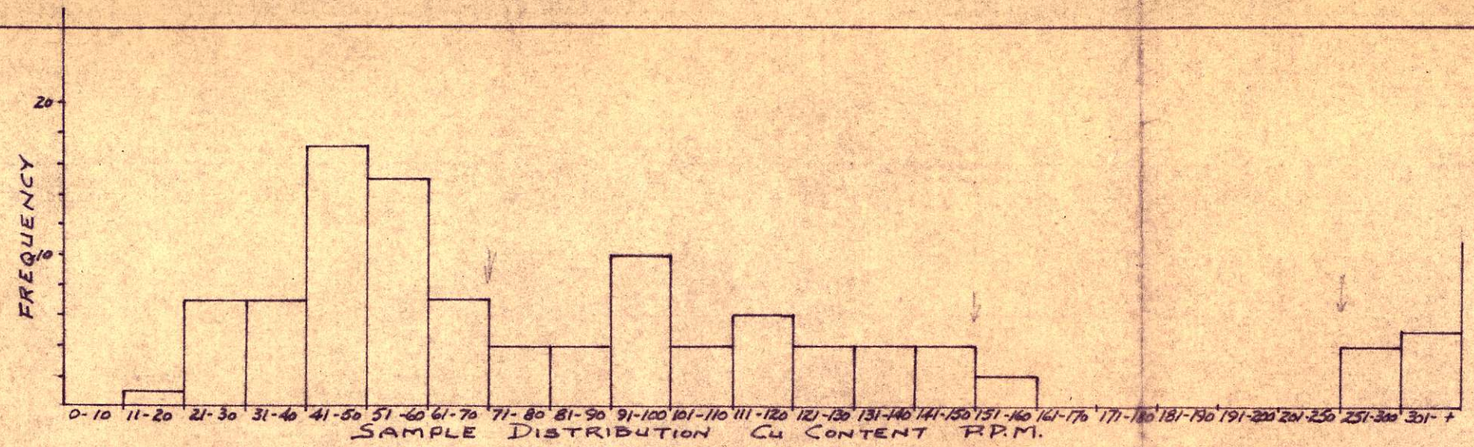
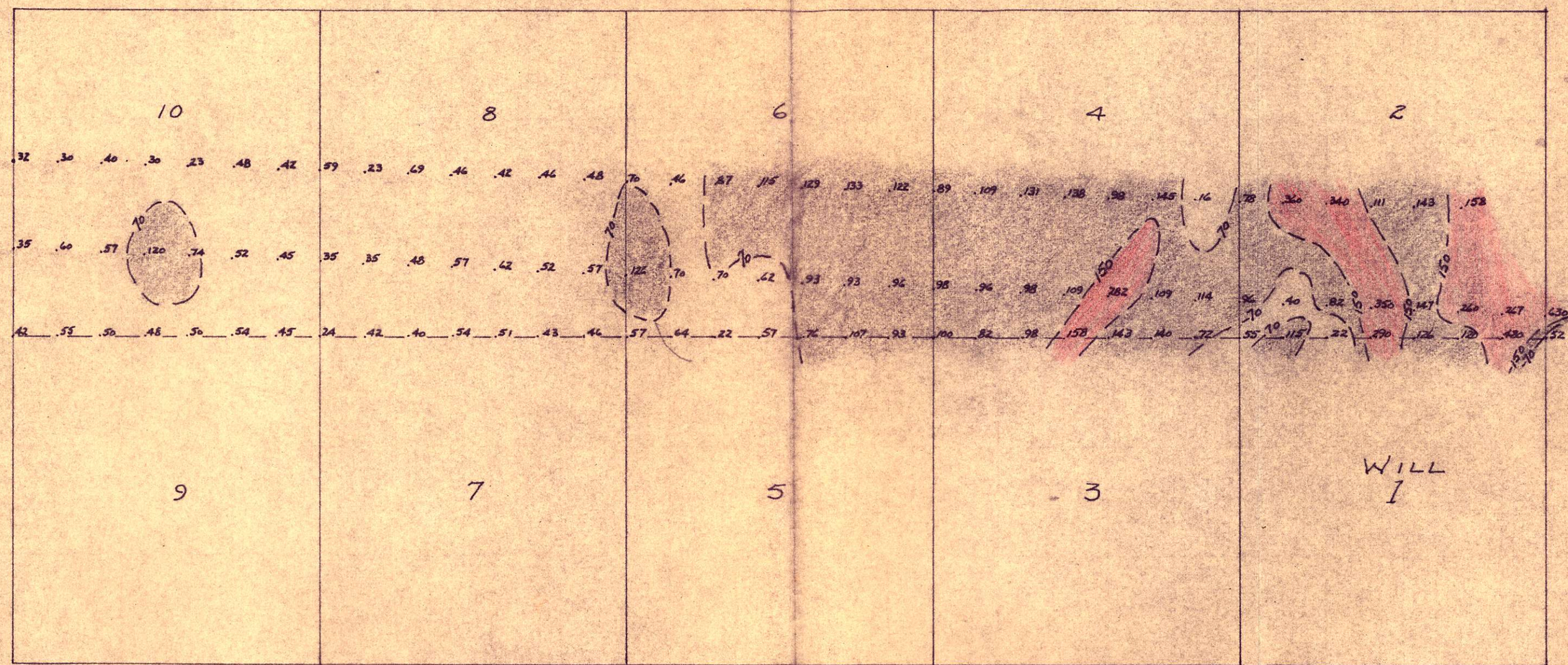

P.G.E.
11
9
7
5
3
1
12
10
8
6
4
2
LEGEND
3 - GRANITE
CACHE CREEK
2 - GREENSTONE
1 - SEDIMENTS
N.B.C. SYNDICATE
WILL CLAIM GROUP
WILLIAMS LAKE
93/B-1
GEOLOGY
SCALE 1" = 500'
MAY 1969

FIGURE VI





N.B.C. SYNDICATE
SOIL SAMPLES
WILL GROUP
WILLIAMS LAKE
1"-500' MAY 1969

FIGURE VII

SINCLAIR MILLS AREA - Plate II

Silt sampling and prospecting have partially outlined an intrusive body cutting volcanics and sediments. Only very minor indications of copper mineralization were found. The geology is interesting but in view of the results to date no further work is planned.

The intrusive body probably extends some distance to the southeast but has not been prospected in that direction.

HART HIGHWAY AREA

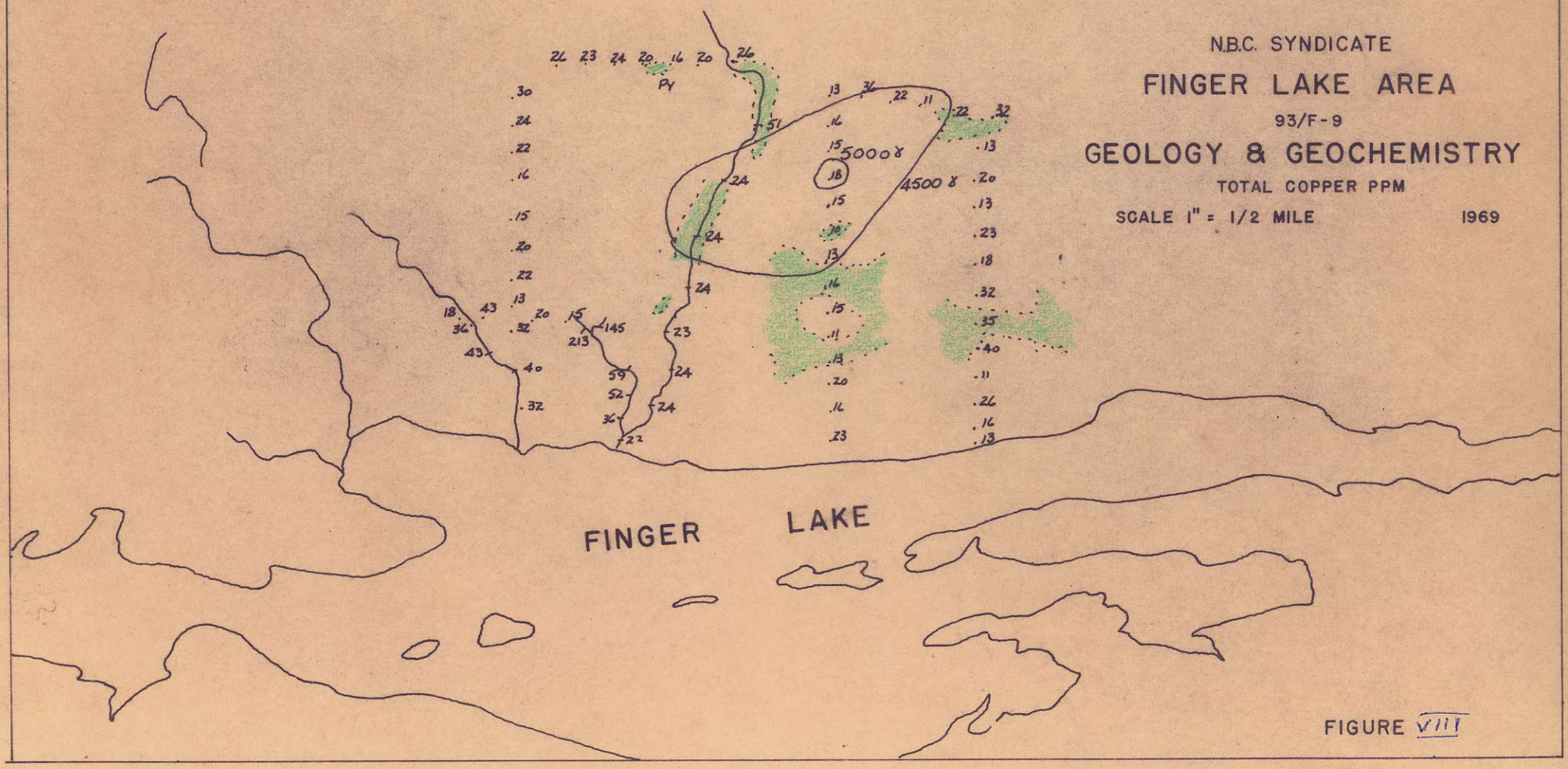
Limited examination was made of rock formations in an area of positive aeromagnetic anomalies east of the Parsnip River. Minor sulphide occurrences were found along the highway rock cuts but examination of these and testing of a few silt samples gave no encouragement.

Several beds of quartz pebble conglomerate were tested for radioactivity with negative results.

FINGER LAKE AREA - Figure VIII

Prospecting was carried out to investigate a positive aeromagnetic anomaly in volcanics near a granitic intrusive indicated on map 1131A, Memoir 324.

No granitic outcrops were found. In the volcanics fracturing is evident with considerable hematite mineralization. No indication of copper mineralization was found.



N.B.C. SYNDICATE

FINGER LAKE AREA

93/F-9

GEOLOGY & GEOCHEMISTRY

TOTAL COPPER PPM

SCALE 1" = 1/2 MILE 1969

FIGURE VIII

CAMP LAKE AREA - Figure IX & X

Existing trenches were mapped and prospecting was carried out in the general vicinity. Much of the area was covered by existing claim groups. No new showings were found and old showings did not appear to warrant further work.

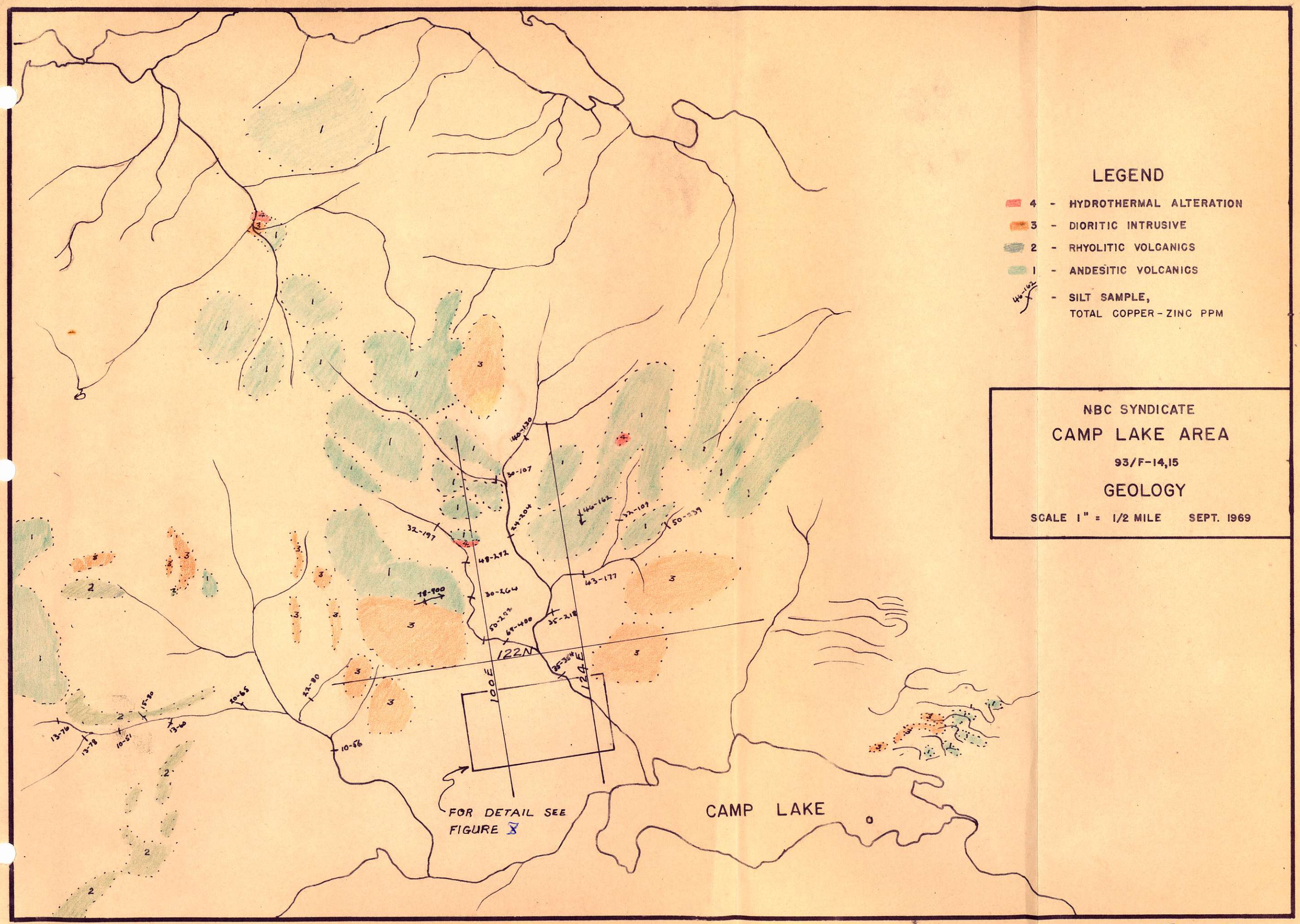
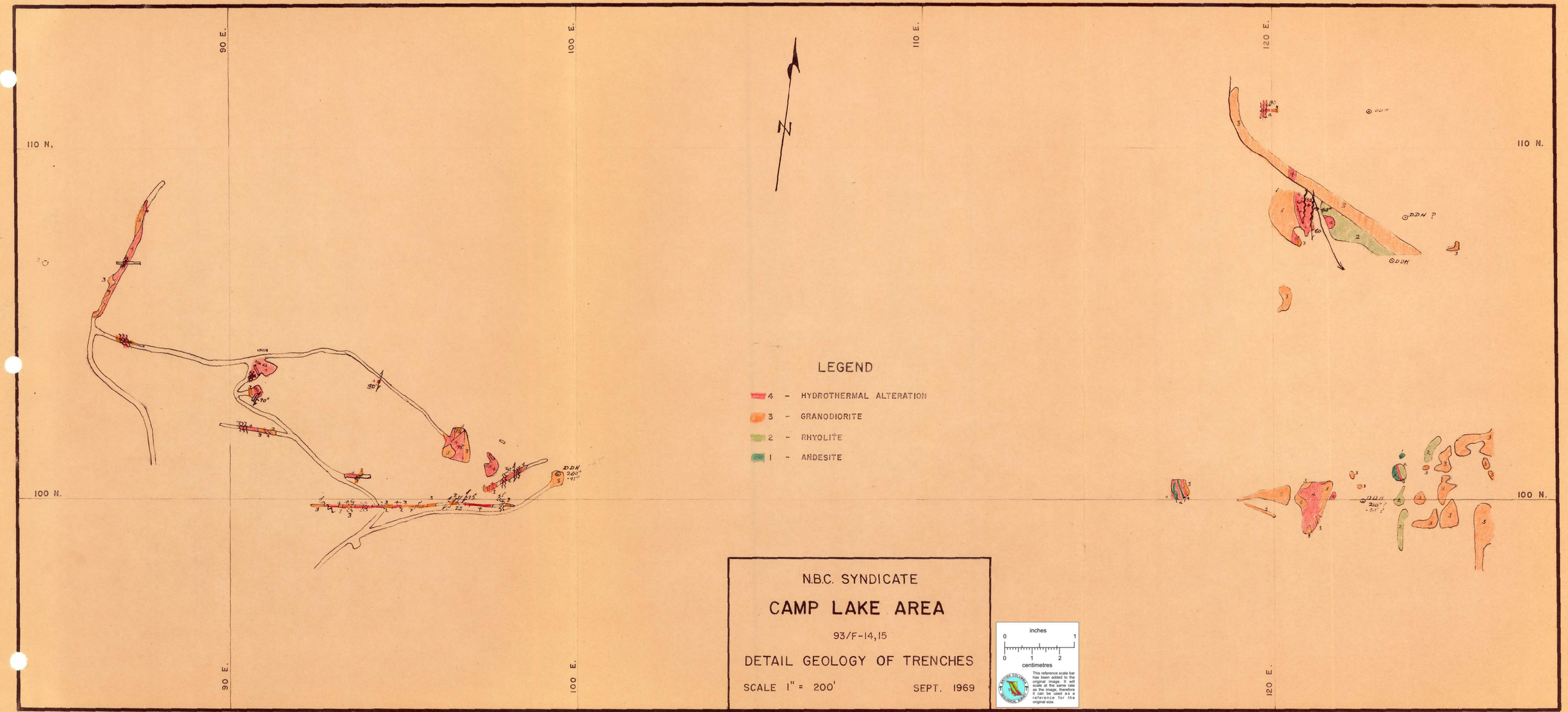

LEGEND
4 - HYDROTHERMAL ALTERATION
3 - DIORITIC INTRUSIVE
2 - RHYOLITIC VOLCANICS
1 - ANDESITIC VOLCANICS
- SILT SAMPLE, TOTAL COPPER - ZINC PPM
NBC SYNDICATE
CAMP LAKE AREA
93/F-14,15
GEOLOGY
SCALE 1" = 1/2 MILE SEPT. 1969
122N
100E
124E
FOR DETAIL SEE FIGURE 8
CAMP LAKE

FIGURE IX



N.B.C. SYNDICATE

CAMP LAKE AREA

93/F-14,15

DETAIL GEOLOGY OF TRENCHES

SCALE 1" = 200' SEPT. 1969

FIGURE X

MID CLAIM GROUP

A group of claims was staked north of the HAT claim group to cover a similar aeromagnetic anomaly. These claims were not recorded when negative results were obtained with the diamond drill program on the HAT group.

TEZ CLAIM GROUP

Linecutting was carried out here to provide assessment work credit. No further work was done after diamond drill results were obtained from the HAT group program. The claims were allowed to lapse.

JEAN MARIE CREEK - Figures XI & XII - Plates III & IV

Prospecting indicates a fairly large granitic intrusive cut by feldspar porphyry dykes. A few fractures mineralized with pyrite-chalcopyrite, pyrite-molybdenite and quartz-molybdenite were found. Rock exposure is relatively sparse. One piece of float assayed 1.32% Cu and 0.005% Mo.

Silt and soil sampling indicates fairly extensive anomalous areas. Approximately ten miles of line were cut and six miles were covered by an IP survey done by Seigel Associates Ltd.

IP results were weak but coincident with the copper-molybdenum anomaly in the southwest portion of the property. Figure XII illustrates comparison of profiles of IP chargeability and of soil copper content.

A total of 122 claims were staked. Considerable further mapping, linecutting, check soil sampling and possibly diamond drilling appear to be warranted.

To the end of 1969 a total of approximately $13,700 had been spent on this project. Of this total the IP survey cost approximately $4000 and aircraft transportation also cost $4000

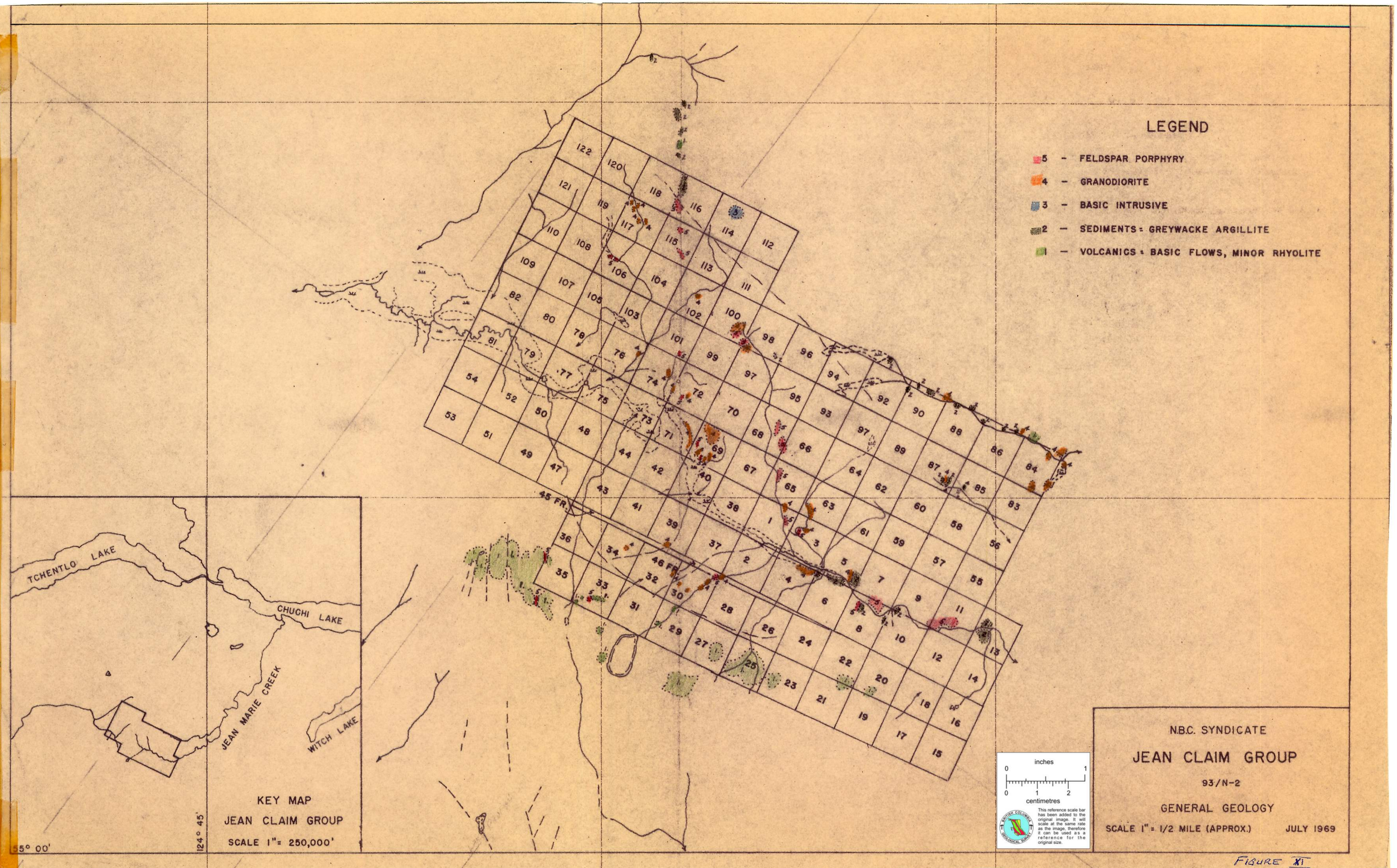
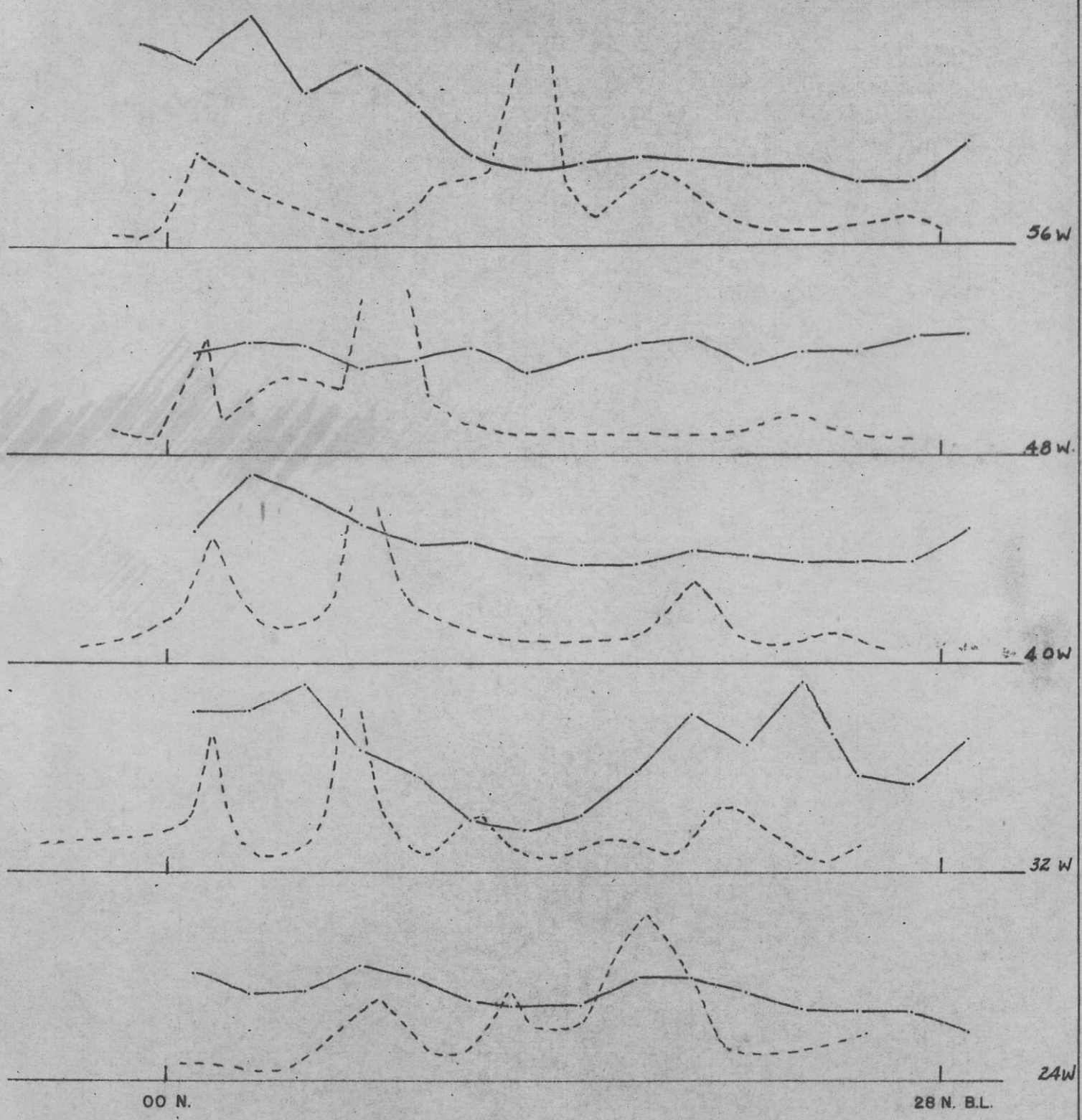

LEGEND
5 - FELDSPAR PORPHYRY
4 - GRANODIORITE
3 - BASIC INTRUSIVE
2 - SEDIMENTS = GREYWACKE ARGILLITE
1 - VOLCANICS = BASIC FLOWS, MINOR RHYOLITE
45 FR.
46 FR.
TCHENTLO LAKE
CHUCHI LAKE
JEAN MARIE CREEK
WITCH LAKE
55° 00'
124° 45'
KEY MAP
JEAN CLAIM GROUP
SCALE 1" = 250,000'
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
JEAN CLAIM GROUP
93/N-2
GENERAL GEOLOGY
SCALE 1" = 1/2 MILE (APPROX.)
JULY 1969

FIGURE XI



- I.P. CHARGEABILITY PROFILES 200' SPACING
- SOIL SAMPLES, TOTAL Cu PPM

SCALE - 1" = 500' HORIZONTAL
- 1" = 10 MILLISECONDS
- 1" = 500 PPM Cu

N.B.C. SYNDICATE
JEAN CLAIM GROUP
93/N-2
PROFILES
CHARGEABILITY & GEOCHEMISTRY
1969

FIGURE XII

FAR CLAIM GROUP - Plate V

Linecutting and a magnetometer survey were completed on this group.

Fairly extensive examination was made by test pitting the glacial debris in the area. This indicated soil sampling would be ineffectual as an exploration tool and only a few samples were taken.

It is apparent the anomalous silt samples come from a source upstream from the magnetic high which was the site of earlier diamond drilling.

IP surveying over the general source area of the anomalous creeks is suggested for follow-up exploration.

MOUNT ALEXANDER AREA

Prospecting was done in the area north of Mount Alexander for a period of three days. Most of the area had been staked by West Coast Exploration. Except for the mineralization previously drilled by West Coast nothing of interest was seen.

HOGEM BATHOLITH - Plates VI, VII and VIII

Much of the prospecting done by the Syndicate was carried out to investigate the granitic intrusives of the Hogem batholith, between Tchentlo Lake and the Omineca River.

Geology and silt sample results shown on Plates VI to VIII are a small proportion of those taken but are indicative of the general trend of results.

No new significant mineral showings were found in granitic rocks although minor copper mineralization was found in many scattered localities.

Stronger mineralization was found in volcanics in a number of places. These occurrences are described below:

LUC CLAIM GROUP

This claim group was staked by John King to cover copper mineralization seen from the air.

The showing was examined by Dr. W.R. Bacon and J.C. Stephen. It consists of chalcopyrite associated with hematite and magnetite in volcanics with interbedded rhyolite flows. Extent of mineralization appears limited and grade low.

HI CLAIM GROUP - Figures XIII and XIV

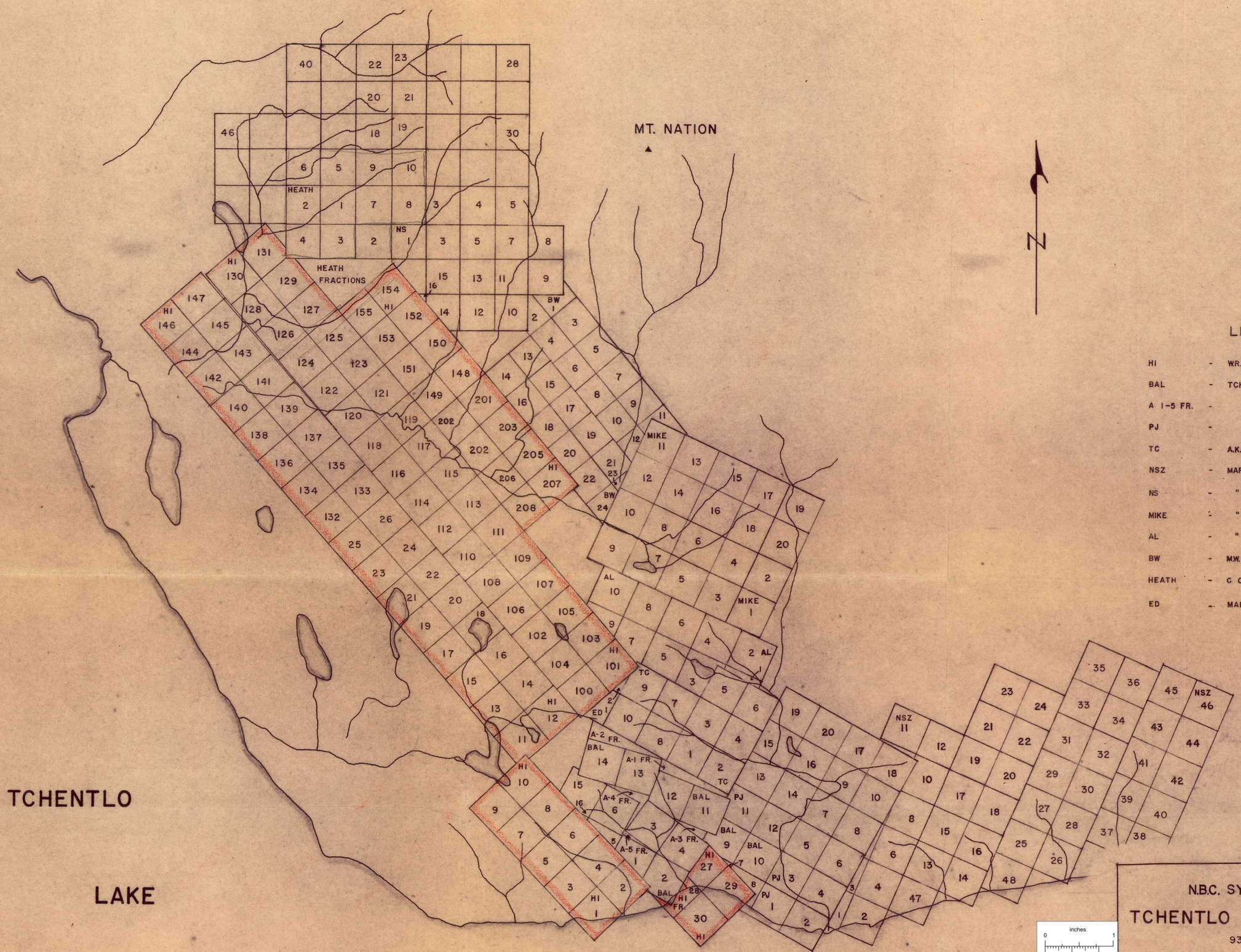
An additional 62 claims were staked. Further prospecting, soil sampling and magnetometer work were done as part of a very limited program.

Discussions have been held concerning amalgamation of the HI claims with claims held by Tchentlo Lake Mines but, to date, nothing has eventuated.

A winter program of linecutting and geophysical surveys is proposed.

Several small pieces of float have been found mineralized with chalcopyrite and magnetite. The presence of limestone suggests the possibility of skarn type deposits.

Estimated total expenditure on this project for the 1968 and 1969 seasons is $19,076. ~~approximately~~



LEGEND

HI	-	W.R. BACON FOR N.B.C. SYNDICATE
BAL	-	TCHENTLO LAKE MINES
A 1-5 FR.	-	" " "
PJ	-	" " "
TC	-	A.K. ANDERSON
NSZ	-	MARC EXPLN
NS	-	" "
MIKE	-	" "
AL	-	" "
BW	-	M.W. WARREN
HEATH	-	C CAMPELL
ED	-	MARC EXPLN

inches 0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

N.B.C. SYNDICATE

TCHENTLO LAKE AREA

93/N-3

CLAIM GROUPS

SCALE 1" = 1/2 MILE OCT. 1969

FIGURE XIII

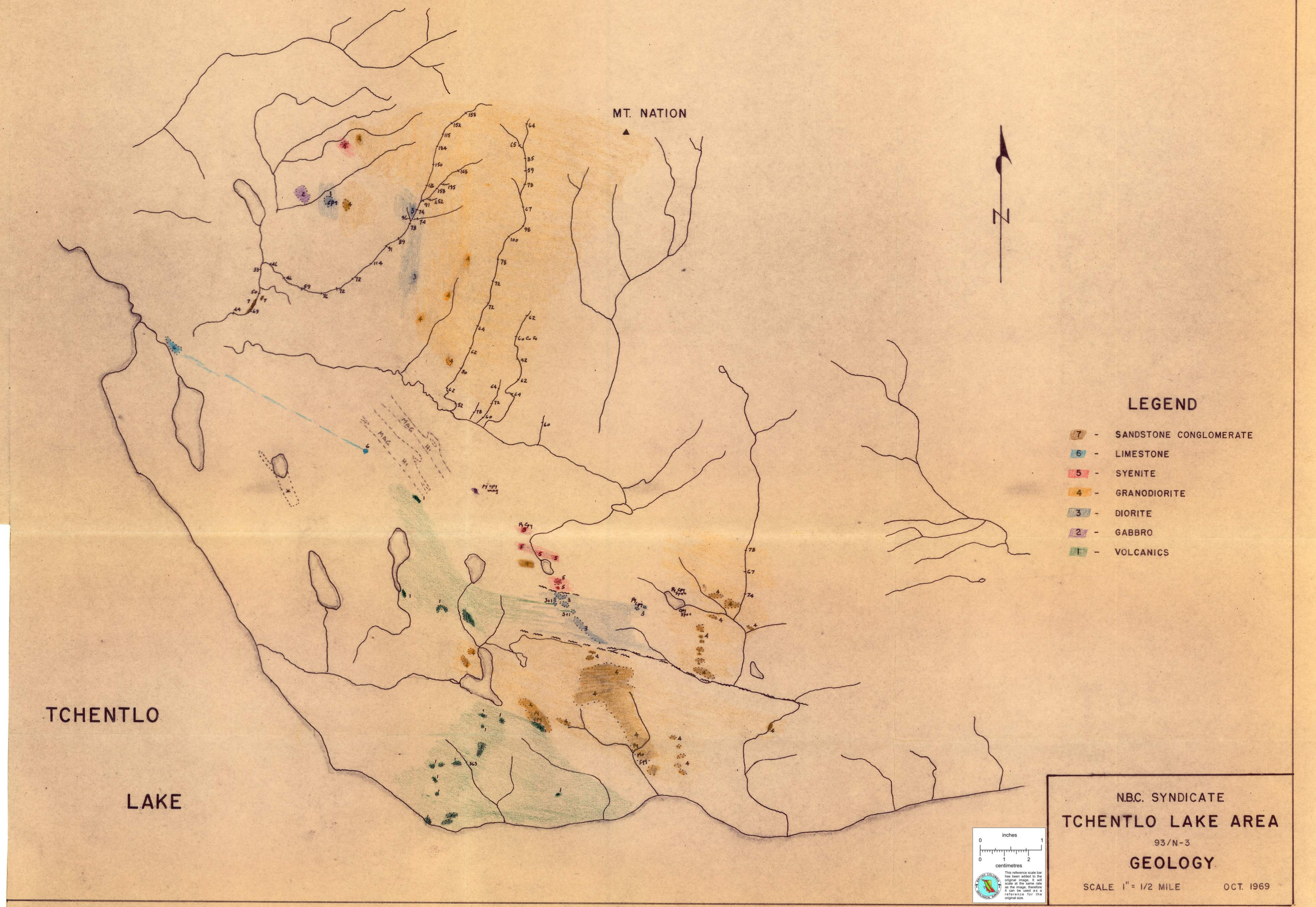

MT. NATION
N
LEGEND
7 - SANDSTONE CONGLOMERATE
6 - LIMESTONE
5 - SYENITE
4 - GRANODIORITE
3 - DIORITE
2 - GABBRO
1 - VOLCANICS
TCHENTLO
LAKE
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
TCHENTLO LAKE AREA
93/N-3
GEOLOGY
SCALE 1" = 1/2 MILE
OCT. 1969

FIGURE XIV

ROCK CLAIM GROUP - Plates VIII & IX

Eight claims were staked to cover a relatively small geochemical anomaly. Geological mapping indicates a small basic intrusive cutting volcanics. The intrusive is similar to that on the HAT group. No controlling structure or economic mineralization was found. It is assumed the anomaly is due to the minor chalcopyrite mineralization found although lack of outcrop in the anomalous area precludes a definite explanation.

No further work is planned.

ROCK CREEK AREA

Results of silt sampling and prospecting are shown on Plate VIII. Numerous minor copper occurrences were found and many silt samples gave anomalous results. No single area was found interesting enough to warrant staking.

TWIN CLAIM GROUP - Plates VIII & X - Figure XV

At the head of Twin Creek 54 claims were staked to cover widespread low grade copper mineralization in volcanics.

A topographic map was prepared from air photos and the geology was mapped in a preliminary manner.

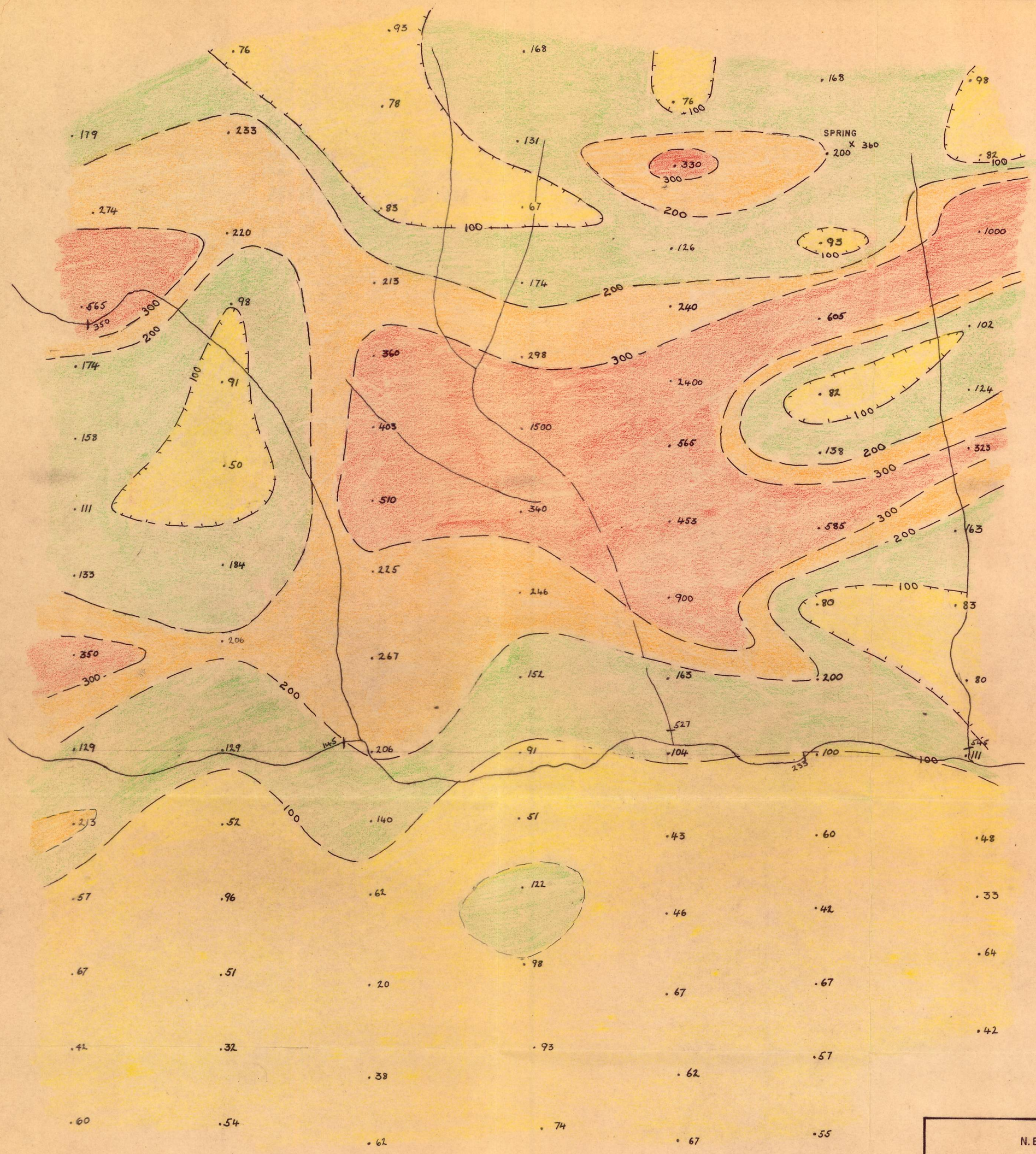
Various chip samples were taken from showings and found generally to assay less than 0.5% Cu.

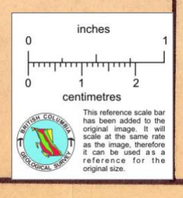
Soil sampling was done in the camp area where good silt sample results were obtained with no evident source. This grid outlines an anomaly (Figure XV) which is in an overburden covered area.

Large gossans showing on the mountain slopes on the south side of the valley appear to be due mainly to pyrite.

Further mapping and possibly an IP survey ~~seems~~ are ~~to be~~ warranted on this claim group.

The 1969 program on this claim group cost an estimated $5100 including prospecting and staking.





N.B.C. SYNDICATE

TWIN CLAIM GROUP

TWIN CREEK 93/N-11

GEOCHEMICAL SURVEY

TOTAL COPPER PPM

SCALE 1" = 200'

AUG. 1969

FIGURE XV

TAKLA CLAIM GROUP - Plates XI - Figures XVI & XVII

Scattered anomalous soil samples taken in 1968 led to more detailed prospecting and staking of the TAKLA claim group.

Soil sampling was carried out on a pace and compass grid and indicated several anomalous areas in the vicinity of a small complex intrusive. (See ~~Plate XIII~~ FIGURE XVII).

Geological mapping and widely spaced magnetometer readings helped to outline the structure. Although a few pieces of float show chalcopyrite mineralization no showings were found. (Plate~~s~~ XI & ~~XII~~ FIG. XVI)

No further work is planned.

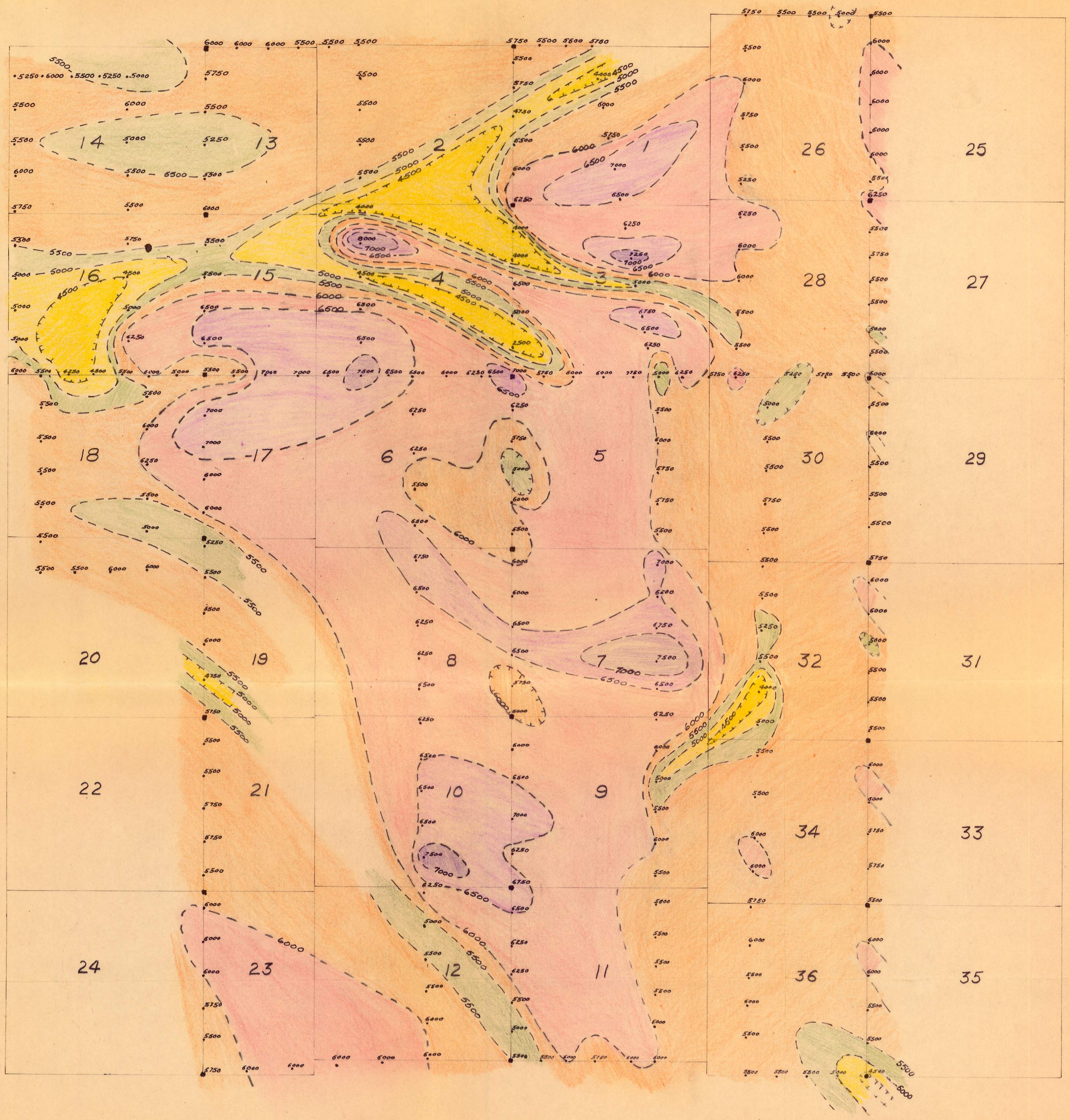
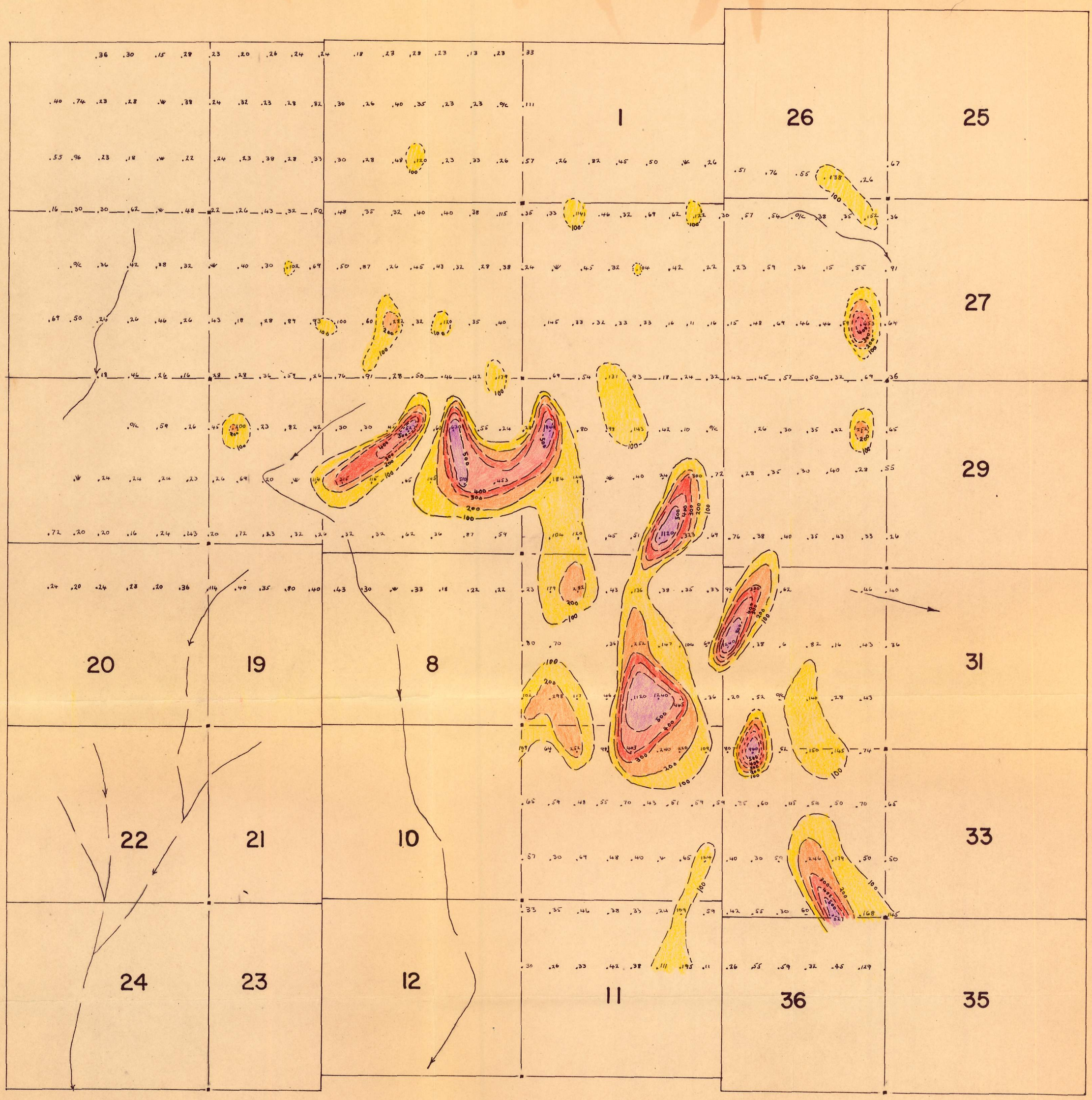
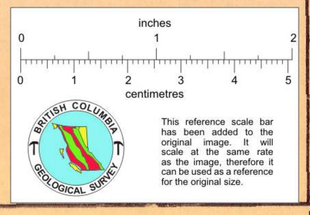

NBC SYNDICATE
TAKLA CLAIM GROUP
TAKLA LAKE
93/M-1
MAGNETOMETER SURVEY
MINIMAG.
SCALE 1" = 500'
DEC 1969
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N

FIGURE XVI





This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

N.B.C. SYNDICATE

TAKLA CLAIM GROUP

TAKLA LAKE

93/M-1

GEOCHEMISTRY

TOTAL COPPER PPM

SCALE 1" = 500'

JULY 1969

FIGURE XVII

TP SPECIFIC PROJECT - Plates XII and XIII

Early in 1969 the claim group was enlarged from 36 to 50 claims. Linecutting was carried out to provide a grid of about 18 miles of line.

During March a magnetometer survey was carried out with an MF-1 fluxgate magnetometer. ~~Results are shown on Plate~~ ?

A three mile access road was constructed with the assistance of Netherlands Overseas Mills Ltd.

Late in August and early in September geological mapping was carried out with a more detailed geochemical program. Results are shown on Plates ? XII and XIII

No significant structures or mineralization were found.

The more detailed soil sampling resulted in a quite different pattern of anomalies than that interpreted from the 1968 reconnaissance program. These anomalies are not particularly strong and now appear to conform to the local drainage pattern. It is thought they are due to the weathering of minor amounts of chalcopyrite disseminated in the intrusive body.

No further work is contemplated for this claim group.

HAT SPECIFIC PROJECT - ~~Plates~~ ?

Picket line grids were established to cover the greater part of the claim group. Most of this coverage is on lines 800 feet apart. More closely spaced lines were cut in the swamp along Hatdudatehl Creek in an attempt to cover this area before spring breakup.

A magnetometer survey was conducted on the whole of the grid. An EM survey was done on those lines which were completed in the swamp area prior to breakup. A strong EM anomaly was located along the northeast edge of the swamp.

Between May 18th and June 9th, 1969, two diamond drill holes were put down to test this anomaly. These holes encountered black argillite with nominal amounts of pyrite as disseminations and fine veinlets. Drill hole #1 also cut 35 feet of hornblende diorite similar to outcrops in the area. No significant mineralization was evident.

The EM anomaly is caused by the graphitic argillite with pyrite along the southwest contact of the dioritic intrusive. The intrusive is the apparent cause of the large magnetic anomaly.

It is probable similar anomalies to the north, which were staked as the MID and TEZ groups, are caused by similar intrusive bodies. As a result of findings on the HAT group, no further work is proposed on any of these three claim groups.

PROPOSALS FOR 1970 EXPLORATION

HI GROUP

A program of linecutting and magnetometer surveying is proposed. This would consist of:

Linecutting			
	Base lines	8 miles at $200	$1600
	Picket lines	45 miles at $150	6750
		Total	$8350
Supervision and Magnetometer Survey			
	Two months at $1000		$2000
	Magnetometer rental		500
Transportation, etc.			2000
			$4500
			$12,850

This would be the first stage of a program to include geological mapping and possible IP surveying. This first stage should be completed during the February-April period for filing before anniversary date June 1, 1970.

Additional work would depend on results of this initial program. It is assumed costs would be in the order of:

Geological mapping	$2000	
IP Surveying	6000	
Transportation, etc.	2000	
		$10,000

JEAN GROUP

The coincident IP - geochem anomaly should receive further investigation. In addition (1) anomalous areas to the north should be investigated, (2) geology should be mapped in more detail particularly along the north intrusive contact, and (3) the westerly extent of the intrusive body should be explored.

This program cannot start efficiently before June 1st.

IP Survey Area

(a) A magnetometer survey should be done on existing lines and on pace and compass lines at 400' spacing.

(b) Newly found outcrops should be examined and plotted.

(c) Two X-ray type drill holes should be drilled to test the best IP results.

North Anomalous Areas

(a) Linecutting should be done at 800' intervals from the existing base lines.

(b) Geology should be mapped.

(c) Grid should be extended west if further mineralized float is found and mapping and soil sampling continued.

(d) The gossan area along the north contact should be prospected.

(e) The magnetometer survey should be extended over all lines cut.

Costs can be estimated only very roughly:

Linecutting	$4500	
Magnetometer survey	800	
Geology and supervision	2200	
Prospecting	1500	
Diamond drilling	10000	
Transportation, etc.	6000	
Geochemistry	1000	
		$25,000

FAR GROUP

In the event IP surveying and diamond drilling are scheduled for the Jean claim group, a small program should be fitted in the timetable for the FAR claims.

This would consist of a one-day IP survey of the picket lines over the anomalous creeks north of the magnetic anomaly.

It is proposed the crew would be moved there by helicopter on completion of the work on the Jean group - no camp would be set up.

Diamond drilling would depend on IP results.

Costs are estimated at:

IP survey	$1000
Diamond drilling	$6000

WILL GROUP

This is a group of 12 claims at the southeast end of Williams Lake. Minor bornite and malachite are present in quartz-sericite schist zones in a granitic intrusive.

Limited soil sampling indicates somewhat anomalous conditions at the southeast end of the property.

The claim group should be enlarged to the southeast. Soil sampling should be conducted on a grid pattern and, if results show extension of the anomalous zone, consideration should be given to an IP survey.

All operations here are complicated by the presence of farm fields, fences, railway and Indian reserve lands. In particular, the railway might interfere with an IP survey.

Anniversary date for these claims is May 28th, so that work would have to be completed as early as possible.

Initial costs should be in the range of $3000 with the IP survey contingent on results at $4000.

R. Gale, Duval, describes the Gibraltar type zones as northwest trending shears up to 150' wide dipping 30°-45° SW. Shears are marked by low grade chlorite, sericite, epidote alteration with garnet evident toward the margins. A more typical metamorphic host rather than a porphyry copper type. Mineralization consists of pyrite, chalcopyrite and bornite. Zones are sometimes cut by parallel and steeper quartz veining with molybdenite and chalcopyrite. The ore grade is in large measure dependent on secondary enrichment with chalcocite to depths of 100' or so along shear and fracture zones.

OMIT

TWIN GROUP

In spite of disappointing results during 1969, there are a number of areas which merit further attention.

(1) The limited soil sampling in the camp area indicates anomalous conditions on the north side of the creek below the steeper slopes where the outcrop may be seen. Limits and cause of this anomaly have not been determined. It is possible this is on strike with the showings seen on the north side of the valley.

(2) The geological mapping done was of a preliminary nature without adequate control. McBeath disagrees in part and we know some outcrops are not shown. A more detailed job with better control seems warranted.

(3) The granitic-volcanic contact to the west of the mineralized zones has not been found and may warrant prospecting.

A program is proposed as follows:

(a)	10 miles linecutting @ $150	$1500
(b)	20 miles soil sampling @ $75	1500
(c)	Plane table mapping and prospecting	2000
(d)	IP survey on geochem anomaly	4000
(e)	Transportation, etc.	3000
	Total	$12,000

This program is not feasible until July.

REGISTER OF CLAIMS

GROUP	MINING DIVISION	CLAIM NAME	RECORD NUMBER	RECORD DATE	EXPIRES
CANIM	Clinton	1-24	18393-416	June 9/69	June 9/70
		25-34	19710-719	Nov. 3/69	Nov. 3/70
NEIL	Clinton	1-4	19706-709	Nov. 3/69	Nov. 3/70
WILL	Cariboo	1-12	51531-542	May 28/69	May 28/70
TP	Cariboo	1-24	45960-983	June 26/68	1-6 June 26/70
					6-12 June 26/71
					13-24 June 26/70
		25-36	46320-331	July 5/68	25-36 July 5/70
		37-50	48834-847	Mar. 5/69	37-50 Mar. 5/71
HAT	Omineca	1-4	61015-018	July 4/68	July 4/70
		5-10	61019-024	"	July 4/71
		11-26	61025-040	"	July 4/70
		27	61041	"	July 4/71
		28	61042	"	July 4/70
		29-31	61043-045	"	July 4/71
		32-40	61046-054	"	July 4/70
FAR	Omineca	1-20	63811-830	Oct. 11/68	Oct. 11/70
JEAN	Omineca	1-26	71290-315	Apr. 15/69	Apr. 15/70
		27-44	79094-111	Aug. 4/69	Aug. 4/70
		45 Fr., 46 Fr.	79218-219	Aug. 18/69	Aug. 18/70
		47-122	79873 - 79948	Sept. 4/69	Sept. 4/70
HI	Omineca	1	63622	Sept. 16/68	Sept. 16/71
		2	63623	"	Sept. 16/73
		3	63624	"	Sept. 16/71
		4	63625	"	Sept. 16/73
		5	63626	"	Sept. 16/71
		6	63627	"	Sept. 16/73
		7	63628	"	Sept. 16/70
		8	63629	"	Sept. 16/73
		9	63630	"	Sept. 16/70
		10	63631	"	Sept. 16/72
		11-26	63831-846	Oct. 11/68	Oct. 11/70
		27	63983	Oct. 21/68	Oct. 21/70
		28 Fr.,29,30	63984-986	Oct. 21/68	Oct. 21/71
		100-147	76048-095	June 17/69	June 17/70
		148-155	75869-876	July 7/69	July 7/70
		201-208	75861-868	July 7/69	July 7/70
ROCK	Omineca	1-8	77600-607	July 17/69	July 17/70
TWIN	Omineca	1-54	79142-195	Aug. 7/69	Aug. 7/70
TAKLA	Omineca	1-36	76096-131	June 20/69	June 20/70

49° 00'
124° 15'
DELPHI SHOWING
JUMP CREEK
DELPHI LAKE
SILVER LEAF SHOWING
AREA OF PRIMARY INVESTIGATION
COTTONWOOD SHOWING
LOMAS LAKE
EL CAPITAN SHOWING
FRAGMENTAL VOLCANIC TALUS
CHEMAINUS RIVER
SHERK LAKE
CONEGO SHOWING
TRENCHES
SKARN
SKARN FLOAT
REYNARD CREEK
FRACTURE ZONE
WEAK SKARN
LEGEND
UPPER CRETACEOUS
NANAIMO GROUP
8 - HASLAM FM - SHALE & SANDSTONE
7 - BENSON FM - CONGLOMERATE
JURASSIC OR LOWER CRETACEOUS
6 - FELDSPAR PORPHYRY DIKES
5 - SAANICH GRANODIORITE
TRIASSIC
FRANKLIN CREEK VOLCANICS
4 - UNDIFFERENTIATED MASSIVE VOLCANICS
4A - VOLCANIC AGGLOMERATE - BRECCIA
3 - DIABASE
PERMIAN AND OLDER
2 - CHERTY TUFF - THIN BEDDED SEDIMENTS
1 - VOLCANIC BRECCIA
PY - CPY - PYRR - MO - PYRITE - CHALCOPYRITE - PYRRHOTITE - MOLYBDENITE
- FAULT
- ADIT
inches
centimetres
This reference scale bar has been added to the original image. It will scale with any enlargement or reduction of the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
CHEMAINUS RIVER AREA
VANCOUVER ISLAND
92/B-13
GEOLOGY
SCALE 1" = 1320' (APPROX.)
OCT. 1969

PLATE I

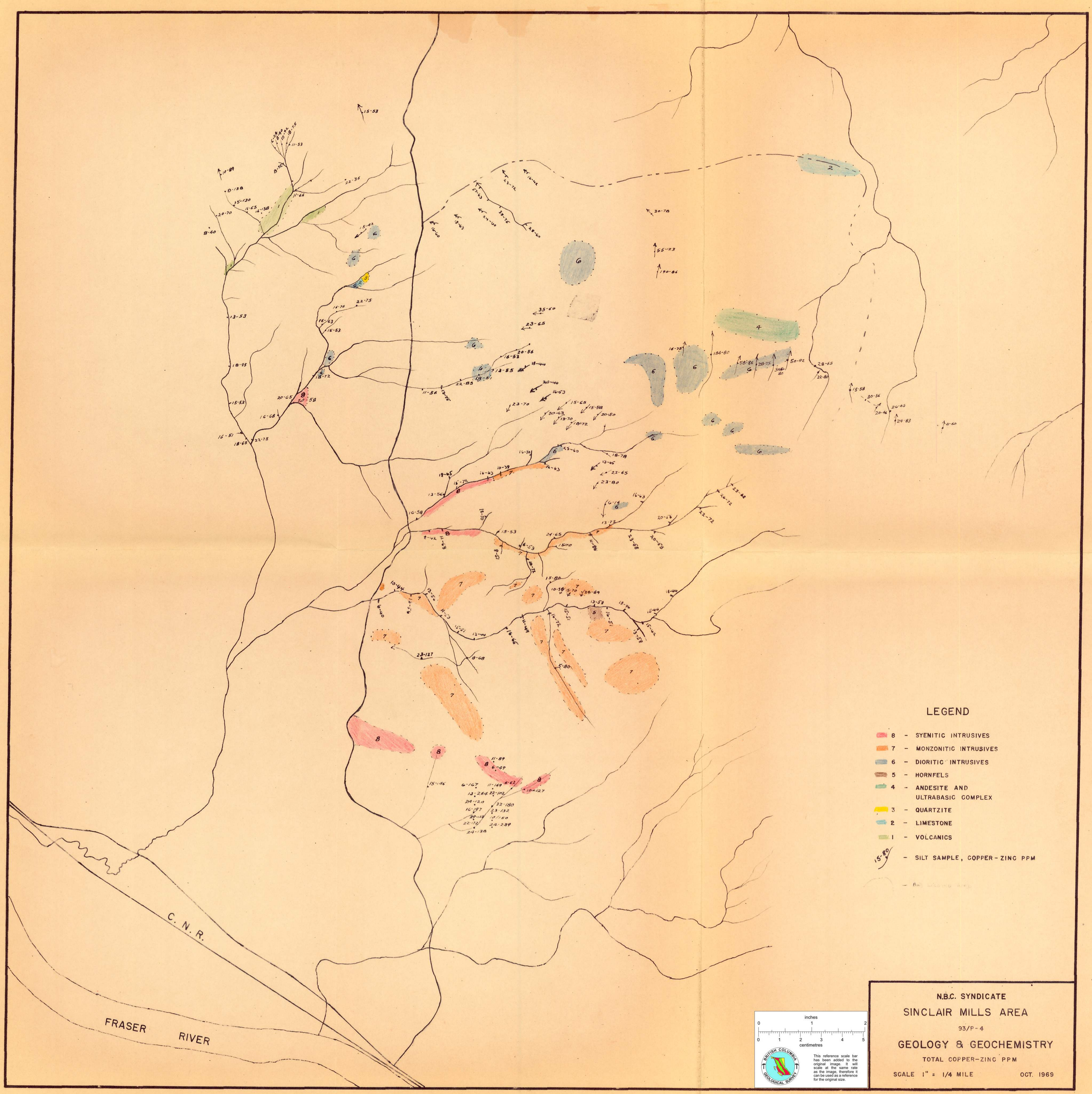

LEGEND
8 - SYENITIC INTRUSIVES
7 - MONZONITIC INTRUSIVES
6 - DIORITIC INTRUSIVES
5 - HORNFELS
4 - ANDESITE AND ULTRABASIC COMPLEX
3 - QUARTZITE
2 - LIMESTONE
1 - VOLCANICS
15-80 - SILT SAMPLE, COPPER-ZINC PPM
C. N. R.
FRASER RIVER
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY
N.B.C. SYNDICATE
SINCLAIR MILLS AREA
93/P-4
GEOLOGY & GEOCHEMISTRY
TOTAL COPPER-ZINC PPM
SCALE 1" = 1/4 MILE
OCT. 1969

PLATE II

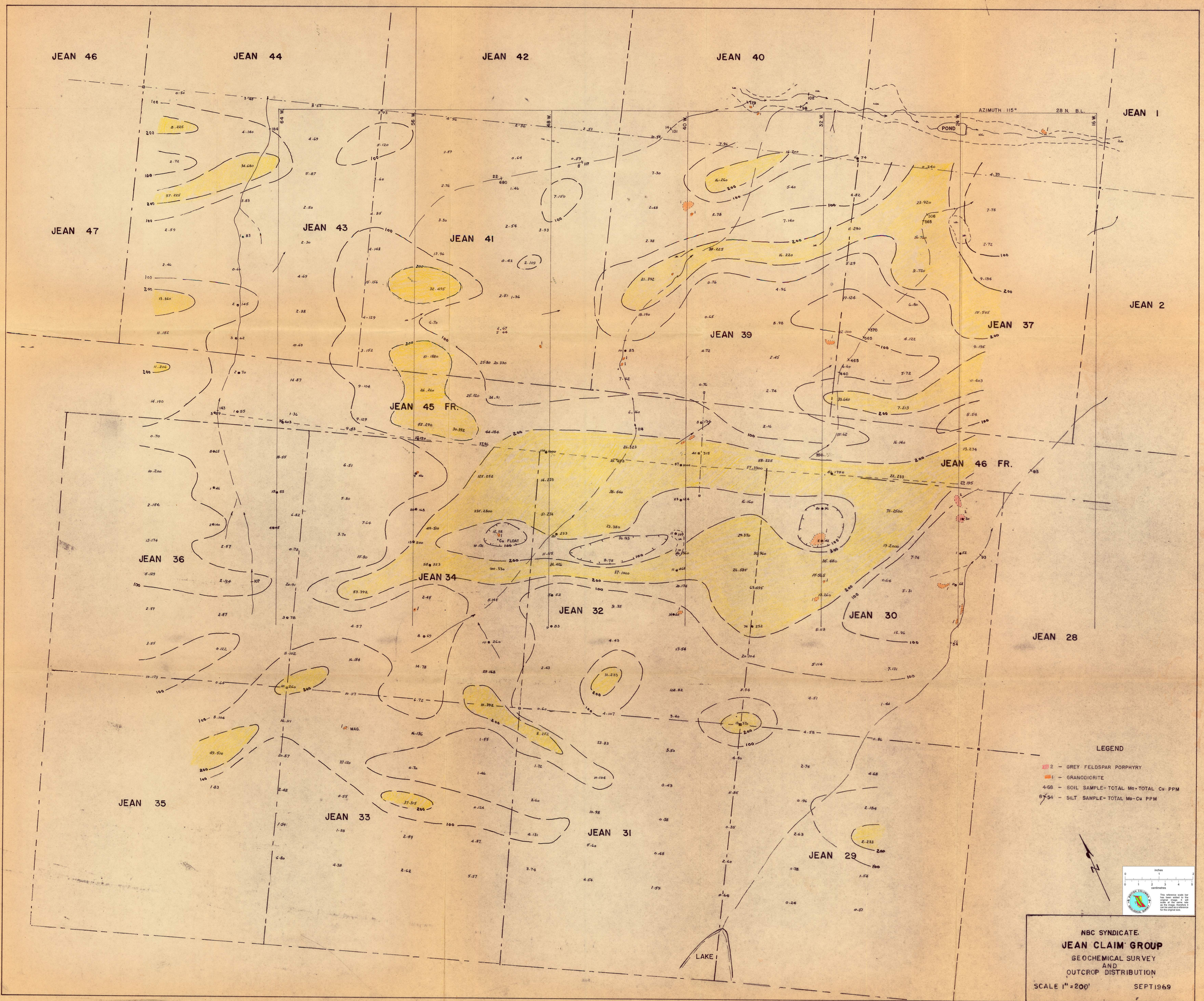
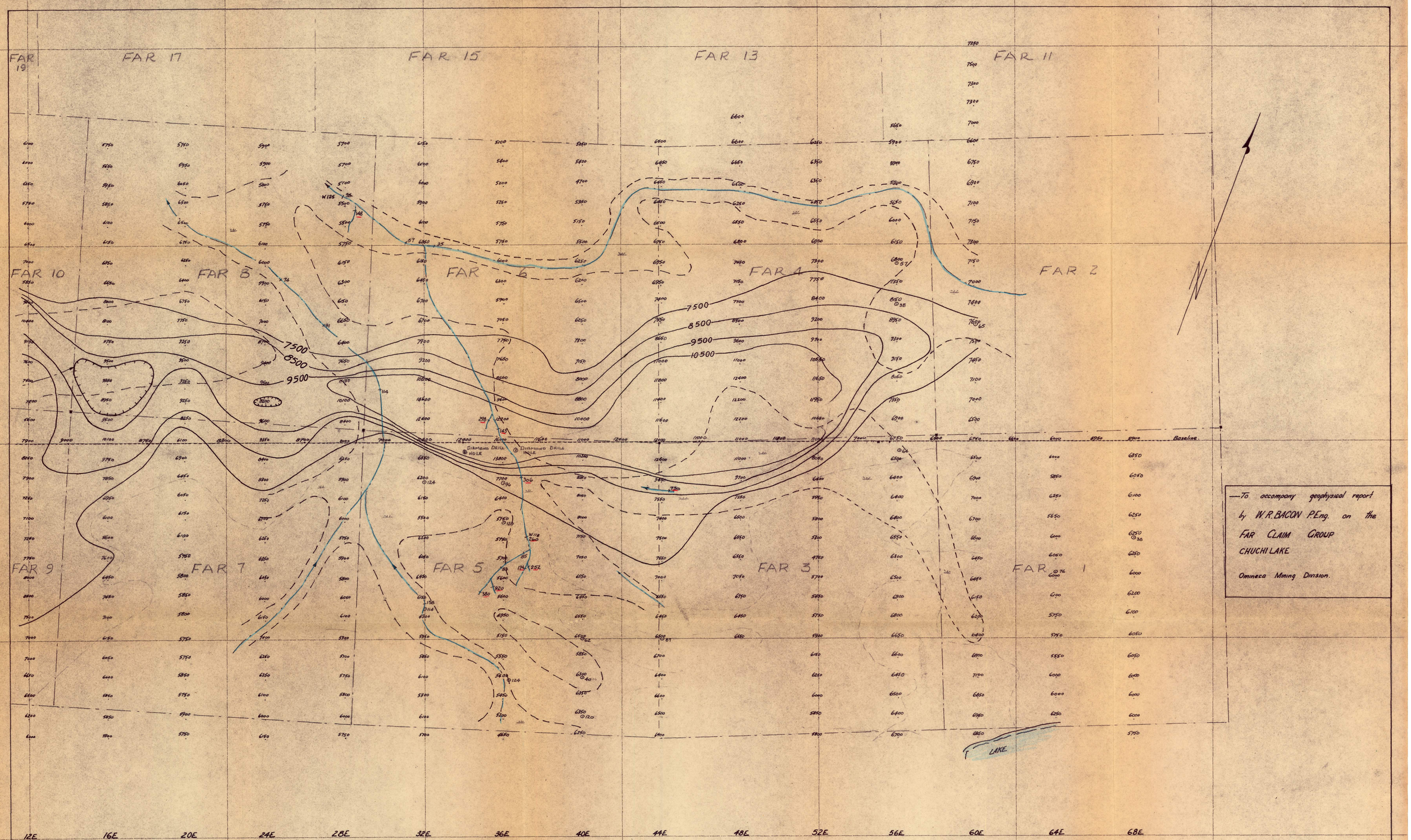

JEAN 46
JEAN 44
JEAN 42
JEAN 40
JEAN 1
JEAN 47
JEAN 43
JEAN 41
JEAN 39
JEAN 37
JEAN 2
JEAN 45 FR.
JEAN 46 FR.
JEAN 36
JEAN 34
JEAN 32
JEAN 30
JEAN 28
JEAN 35
JEAN 33
JEAN 31
JEAN 29
AZIMUTH 115°
28 N. B.L.
64 W.
56 W.
48 W.
40 W.
32 W.
24 W.
16 W.
POND
Cu FLOAT
MAG.
LAKE I
LEGEND
2 - GREY FELDSPAR PORPHYRY
1 - GRANODIORITE
4-68 - SOIL SAMPLE- TOTAL Mo-TOTAL Cu PPM
8/54 - SILT SAMPLE- TOTAL Mo-Cu PPM
N
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
NBC SYNDICATE.
JEAN CLAIM GROUP
GEOCHEMICAL SURVEY
AND
OUTCROP DISTRIBUTION
SCALE 1" = 200'
SEPT 1969

PLATE III

LEGEND
4 - VOLCANICS
3 - PINK FINE-GRAINED FELDSPAR PORPHYRY
2 - GREY FELDSPAR PORPHYRY
1 - GRANODIORITE
9 • 16 - SOIL SAMPLE, TOTAL Mo • Cu PPM
19 / 50 - SILT SAMPLE, TOTAL Mo - Cu PPM, ON CREEK
- CUT PICKET LINE
- CLAIM LINE, POST
- SWAMP
-> 20 P.P.M Mo
- TOTAL Cu. P.P.M.
N
NBC SYNDICATE
JEAN CLAIM GROUP
GEOCHEMICAL SURVEY
AND
OUTCROP DISTRIBUTION
SCALE 1" = 200'
SEPT 1969
PLATE IV



—To accompany geophysical report by W.R. BACON P.Eng. on the FAR CLAIM GROUP CHUCHI LAKE

Omineca Mining Division.

7050 Magnetometer reading in gammas

W118 260 Silt sample

0120 Soil sample

■ Claim post

NBC SYNDICATE
FAR CLAIM GROUP
CHUCHI LAKE 93N/2

MAGNETOMETER SURVEY

CRAELIUS MINIMAG.

SCALE 1"=200'

SEPT. 1969.

inches 0 1 2

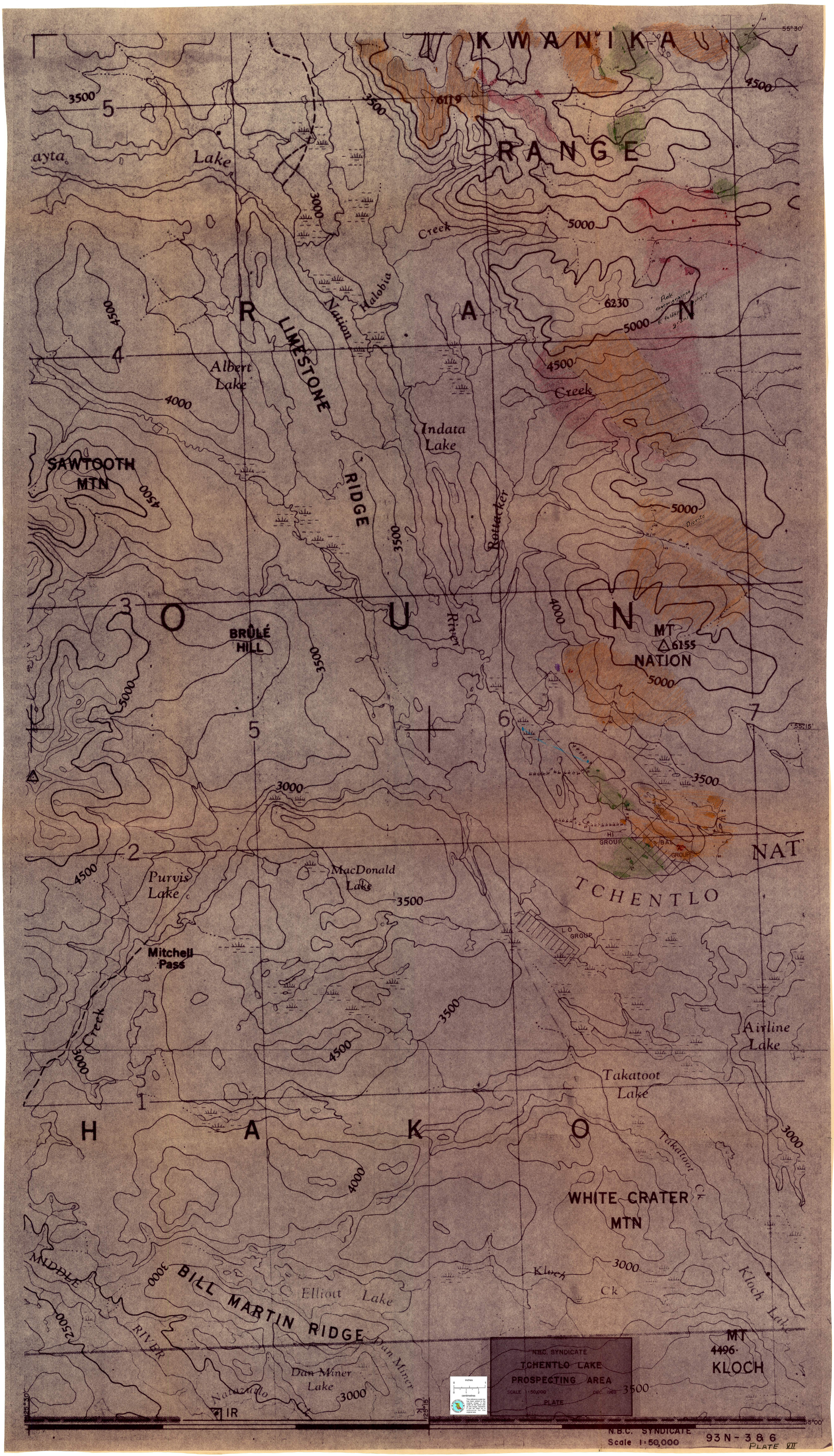
centimetres 0 1 2 3 4 5

BRITISH COLUMBIA MINERAL RESOURCES

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

PLATE V

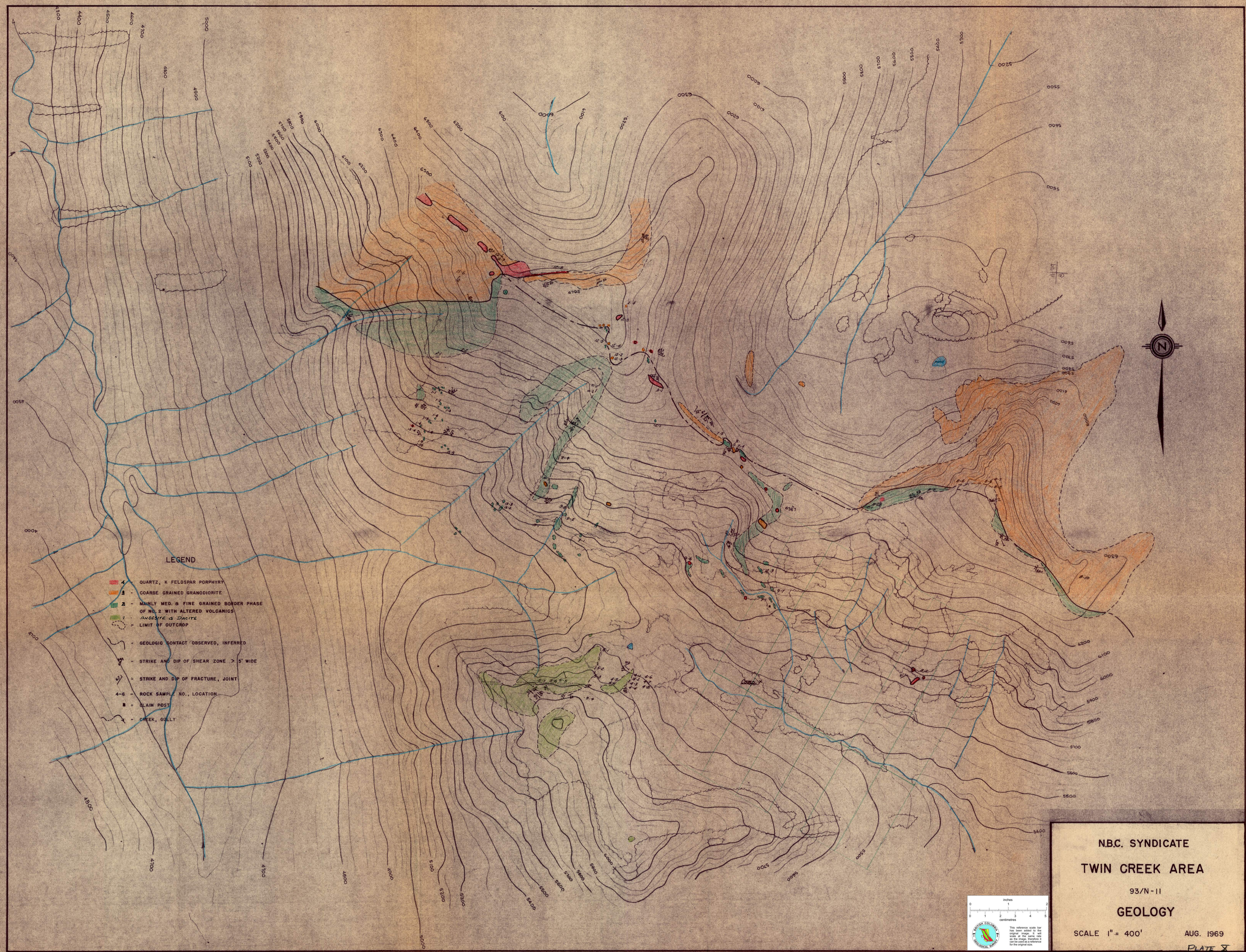
55°30'
55°15'
125°00'
124°45'
124°30'
Klawli
Wudtsi Lake
Valleau
Tsaydaychi Lake
Tsaydaychi
River
Ck
Gillis
Creek
Squawf Lk
Klawli Lake
Moosmo
Ahdatay Lake
Ahdatay
LUC GROUP
Klawdetelle Lake
Klawdetelle
FAR GROUP
LAKES
CHUCHI
LAKE
MT ALEXANDER
JEAN GROUP
Jean
Marie
Witch
PLAT
CASSIAR DISTRICT
NBC SYNDICATE
CHUCHI-TCHENTLO LAKE
PROSPECTING AREA
Scale 1:50,000
DEC. 1968
1969
PLATE
LEGEND
CONGLOMERATE
GRANITIC INTRUSIVES
LIMESTONE
ARGILLITE
VOLCANICS
PROSPECTING AREA
.67 – Cu PPM SILT & SOIL SAMPLES
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
Scale 1:50,000
93N-287
PLATE VI


KWANIKA
RANGE
Lake
Albert Lake
LIMESTONE RIDGE
Nation
Halobia
Indata Lake
Rottacker
Creek
River
SAWTOOTH MTN
BRÛLÉ HILL
MT NATION
6155
Purvis Lake
MacDonald Lake
Mitchell Pass
Airline Lake
Takatoot Lake
Takatoot Ck
WHITE CRATER MTN
Kloch Ck
Kloch Lake
MT KLOCH
4496
TCHENTLO
HI GROUP
BAL GROUP
LO GROUP
Elliot Lake
BILL MARTIN RIDGE
MIDDLE RIVER
Dan Miner Lake
Dan Miner Ck
Natazulo Ck
IR
N.B.C. SYNDICATE
TCHENTLO LAKE
PROSPECTING AREA
SCALE 1:50,000
DEC. 1969
PLATE
N.B.C. SYNDICATE
Scale 1:50,000
93 N - 3 & 6
PLATE VII

Old Hogem
RIVER
3000
3500
4000
4500
5000
6587
Silver Ck
Kenny Ck
Creek
Groundhog Ck
Creek
Dream Ck
Kwanika Ck
Kwanika
Twenty Mile Creek
TWIN GROUP
ROCK GROUP
58°45'
55°30'
125°30'
125°00'
LEGEND
7 - HORNFELS
6 - PORPHYRITIC INTRUSIVE
5 - SYENITIC INTRUSIVE
4 - DIORITIC INTRUSIVE
3 - ULTRABASIC
2 - LIMESTONE
1 - VOLCANICS
•61 - SILT SAMPLE, TOTAL COPPER PPM
N.B.C. SYNDICATE
KWANIKA CREEK PROSPECTING AREA
Scale 1:50,000
DEC. 1968 1969
PLATE VIII
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
Scale 1:50,000
93 N-11 & 14
PLATE VIII

240N
230N
220N
210N
200N
190N
180N
170E
180E
190E
200E
210E
EXTENSIVE VOLCANIC
OUTCROP
AREA
NO OUTCROP
FOUND
NO OUTCROP
FOUND
8
6
4
2
7
5
3
1
ROCK CREEK
N
LEGEND
3 -
2 - HORNBLENDE DIORITE
1 - VOLCANICS
.26 - SOIL SAMPLE
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY
N.B.C. SYNDICATE
ROCK CLAIM GROUP
93/N-11
GEOCHEMISTRY & GEOLOGY
TOTAL COPPER PPM
PACE & COMPASS
SCALE 1" = 200'
JULY 1969

PLATE IX



N.B.C. SYNDICATE

TWIN CREEK AREA

93/N-11

GEOLOGY

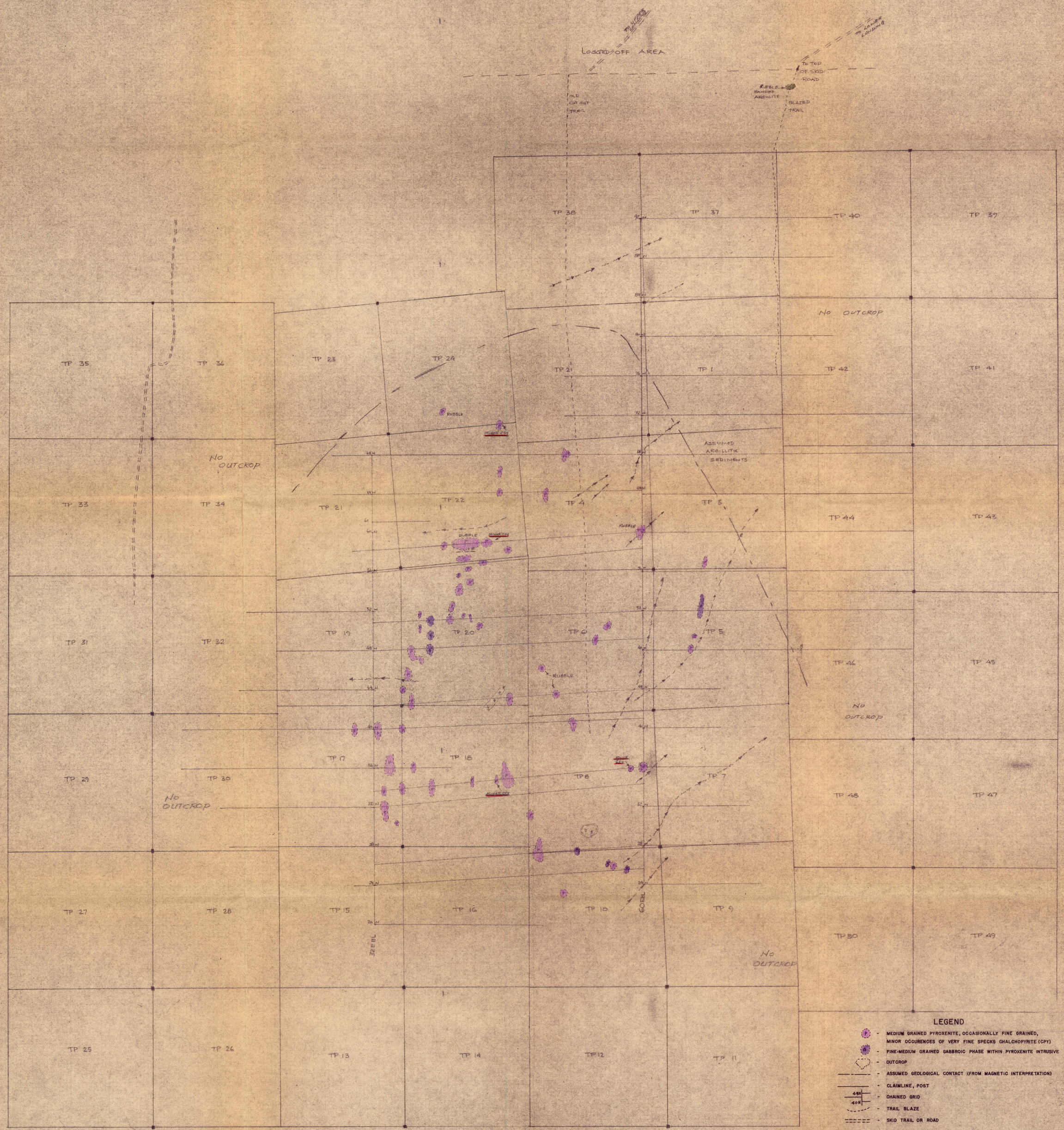
SCALE 1" = 400'

AUG. 1969

PLATE X

PLATE

PLATE XI



LEGEND

- P - MEDIUM GRAINED PYROXENITE, OCCASIONALLY FINE GRAINED, MINOR OCCURENCES OF VERY FINE SPECKS CHALCHOPYRITE (CPY)
- G - FINE-MEDIUM GRAINED GABBROIC PHASE WITHIN PYROXENITE INTRUSIVE
- OUTCROP
- ASSUMED GEOLOGICAL CONTACT (FROM MAGNETIC INTERPRETATION)
- CLAIMLINE, POST
- 44N - CHAINED GRID
- 40N - TRAIL BLAZE
- SKID TRAIL OR ROAD
- DRAINAGE FEATURE
- SWAMP

inches 0 1 2
0 1 2 3 4 5 centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

N.B.C. SYNDICATE

T.P. CLAIM GROUP

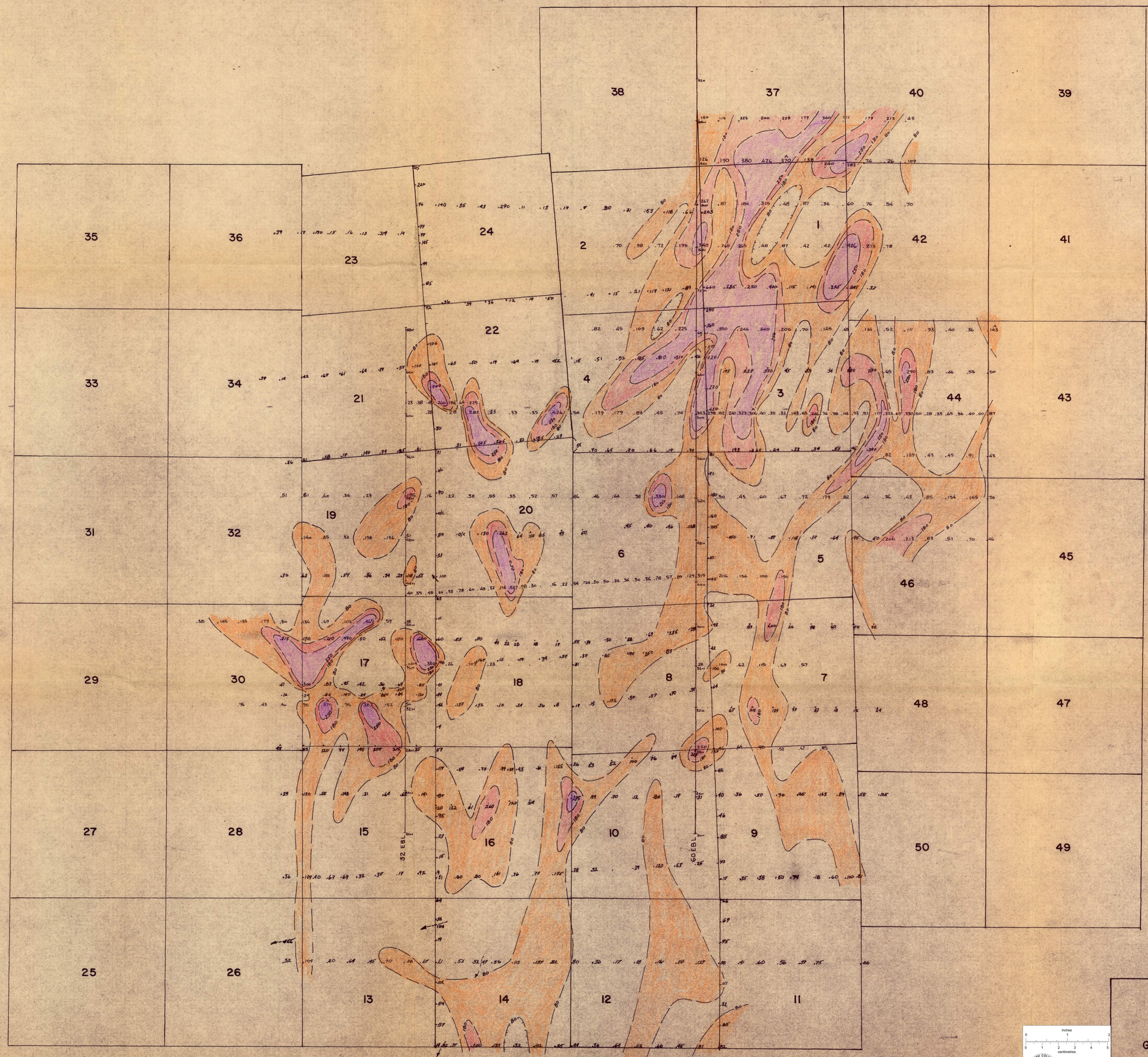
93/G-8,9

GEOLOGY

SCALE 1" = 400'

SEPT. 1969

PLATE XII



NBC. SYNDICATE

T.P. CLAIM GROUP

93/G-8,9

GEOCHEMICAL SURVEY

TOTAL COPPER PPM

SCALE 1" = 400'

JULY 1968

inches

centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image and therefore it can be used as a reference for the original size.

PLATE XIII