N.B.C. SYNDICATE

ANNUAL REPORT

1969

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N.B.C. SYNDICATE

ANNUAL REPORT

1969

BACON & CROWHURST LTD.

January 19th, 1970.

The Parties,
N.B.C. Syndicate,

Gentlemen:

In 1969 the N.B.C. Syndicate undertook its second year of operation. Further work was done on the TP, HAT, TEZ, FAR and HI claim groups staked in 1968. Additional claims were staked and exploration concentrated on the JEAN, TAKLA and TWIN groups.

Results indicate further work is justified on several properties, namely the JEAN, HI, TWIN and WILL groups.

Exploration was mainly undertaken in the same general area as in 1968. Aeromagnetic maps released during the season did not suggest any deviation from the planned program was warranted.

Geochemistry, outcrop examination and magnetometer surveys were the chief prospecting methods used. A minor amount of diamond drilling was carried out on the HAT claim and linecutting was done on the TP, TEZ, FAR, HAT and JEAN claim groups. An induced polarization survey was conducted on part of the JEAN group.

The 1969 Exploration Report has been prepared by Field Superintendent J.C. Stephen in his usual efficient manner.

We are now on the threshold of the 1970 or ultimate season prescribed in the Agreement. At this stage there are several

ways to go in 1970, all depending to some extent on each Party's present thoughts with regard to 1971.

Plan 1

1. Exploration of the JEAN, HI and TWIN groups as Specific Projects.
2. $80,000 prospecting program in the same general area to 56° N. Lat.
3. $40,000 prospecting program elsewhere in B.C.

Plan 2

1. Exploration of the JEAN, HI and TWIN groups as Specific Projects.
2. $120,000 prospecting program in the same general area to 56° N. Lat.

Plan 3

1. Intensive effort on existing claim groups plus limited prospecting in same general area - all work to come from a budget of $120,000.

It should be realized that these plans are suggestions only; it is to be hoped that they will engender a forthright discussion at the Annual Meeting and that the Parties will come with alternative suggestions.

Respectfully submitted,

BACON & CROWHURST LTD.

W.R. Bacon,
Manager - N.B.C. Syndicate

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PLATE	TITLE
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N.B.C. SYNDICATE
FINANCIAL REPORT
GENERAL PROGRAM 1969

Account	Fourth Quarter Oct. 1st - Dec. 31, 1969	Totals 1969	
Petty Cash	(1,377.79)	(247.79)	omit
Machinery & Equipment	-	1,700.86	
Accounts Payable (advance from Bacon and Crowhurst)	(1,000.00)	(1,000.00)	omit
Purchases - Sundry	(4.58)	66.01	omit
Purchases - Food	522.23	4,278.31	
Purchases - Maps & Photos	42.81	1,047.49	
Assessment Recording	-	722.00	
Claim Recording	560.00	1,531.89	
Assays	-	68.15	
Sub-Contracts	2,981.26	13,450.92	
Geochemical	1,717.99	5,461.09	
Casual Labour	-	430.00	
Holiday Pay	678.51	1,100.10	
Workmen's Compensation	307.00	1,334.99	
Unemployment Insurance	22.15	166.95	
C.P.P. Expense	35.06	434.61	
Tools & Supplies	194.80	2,155.72	
Blueprinting & Drafting Supplies	5.46	440.70	
Rent	60.00	408.48	
Equipment Rental	-	359.20	
Aircraft Rental	3,232.00	17,596.50	
Truck Rental	-	518.21	
Repairs - Equipment	75.21	158.28	
Fuel & Lubricants	500.35	1,602.37	
Vehicle Operating Costs	449.84	2,376.15	
Travel Expense	690.90	2,767.55	
Salaries	5,887.50	35,613.40	
Printing & Stationery	-	10.49	omit
Office Expense	1,005.03	5,508.38	6,000
Telephone, Express, Postage, Cartage, etc.	63.31	435.02	
Insurance	-	934.00	
Management Fee	3,000.00	16,500.00	18,000
Bank Charges	-	1.91	omit
Miscellaneous	33.80	243.91	500
TOTAL EXPENDITURES	$19,682.84	$118,195.85	
DEFICIT 1968		1,164.36	
		$119,360.21	
Plus unpaid invoices Dec. 31/69			
1. Bacon & Crowhurst Ltd. inv. of Dec. 31/69 re management fee & office services for December 1969		2,000.00	
2. Bacon and Crowhurst invoice of Dec. 31/69 re advance to N.B.C.		1,000.00	
		$122,360.21	
Outstanding invoices Dec. 31/69 - 3,000.00			
Bank Balance - Dec. 31/69 657.00			
DEFICIT 1969		$2,343.00	
TOTAL CONTRIBUTIONS 1969		$120,017.21	

N.B.C. SYNDICATE
FINANCIAL REPORT

SPECIFIC PROJECT T.P.

SPECIFIC PROJECT HAT

There have been no expenditures from either the "Specific Project T.P." or the "Specific Project HAT" bank accounts during the final quarter of 1969. The bank balances are as follows:

Specific Project T.P.	$127.15
Specific Project HAT	$186.09

300 KEPT
174 DROPPED

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	
JEAN IS 116		45 Fr., 46 Fr.	79218-219	Aug. 18/69	Aug. 18/70	
		47-122	79873-948	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	

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

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 Canago 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.

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.

CAMIM 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 CAMIM and NEIL claim groups were staked during prospecting. Much of the same area had been previously examined by Cominco. No further work is planned.

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".

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.

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.

MIB 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.

TEN 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 Seigal 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.

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. Stephan. 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 $10,070.

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 H&T 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 are warranted on this claim group.

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

TAKLA CLAIM GROUP - Plate 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 Figure XVI).

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 XI & Figure XVII).

No further work is planned.

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.

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

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 HLD 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	$4300	
Magnetometer survey	800	
Geology and supervision	2200	
Prospecting	1500	
Diamond drilling	10000	
Transportation, etc.	6000	
Geochemistry	1000	
Total		$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.

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.

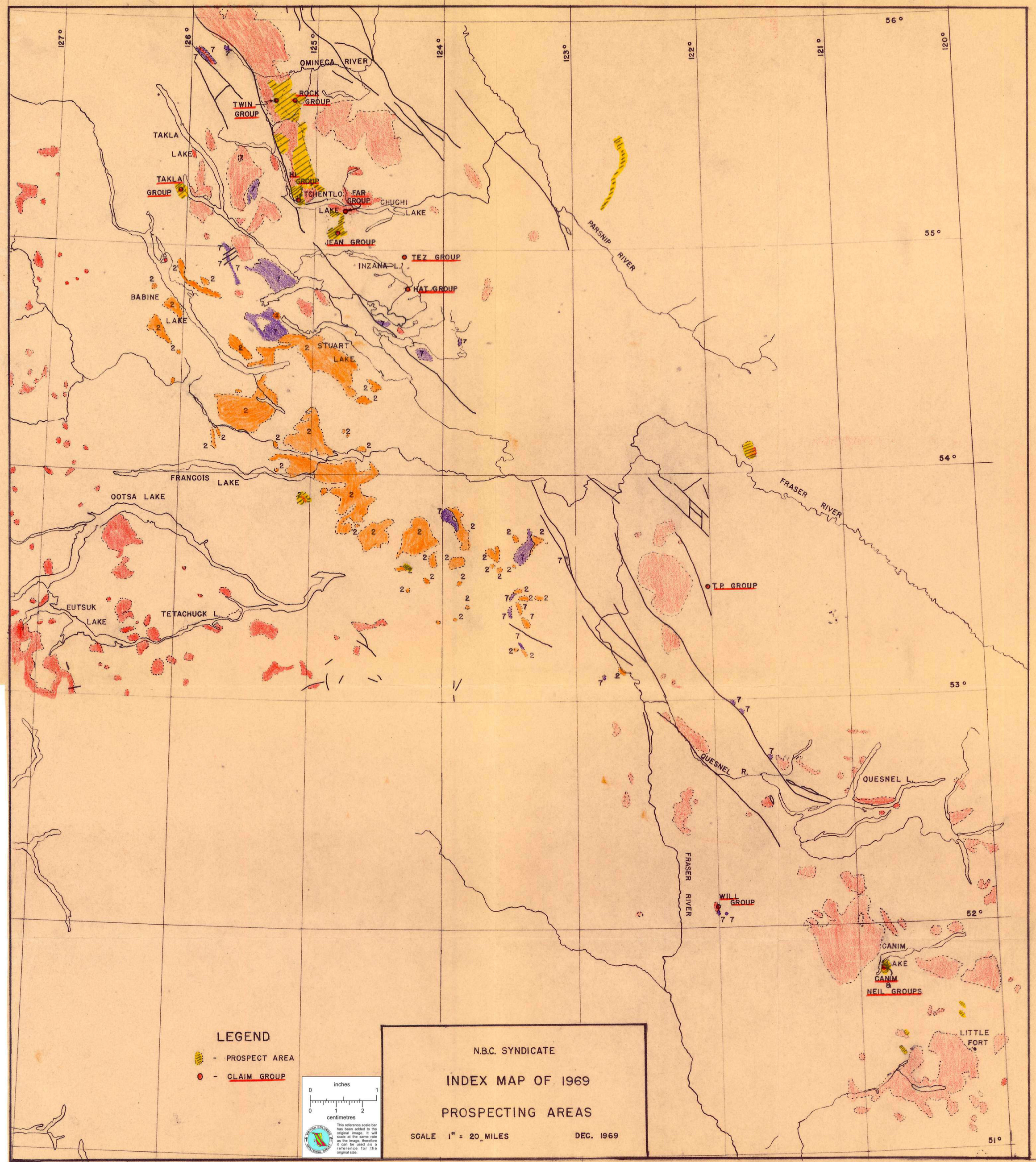
(2) The geological mapping done was of a preliminary nature without adequate control. McBeath disagrees in part and we know some outcrops are not shown. A more detailed job with better control seems warranted.

(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.


127°
126°
125°
124°
123°
122°
121°
120°
56°
55°
54°
53°
52°
51°
OMINECA RIVER
ROCK GROUP
TWIN GROUP
TAKLA LAKE
TAKLA GROUP
HI GROUP
TCHENTLO LAKE
FAR GROUP
CHUCHI LAKE
JEAN GROUP
TEZ GROUP
INZANA L.
HAT GROUP
PARSNIP RIVER
BABINE LAKE
STUART LAKE
FRANCOIS LAKE
OOTSA LAKE
FRASER RIVER
T.P. GROUP
EUTSUK LAKE
TETACHUCK L.
QUESNEL R.
QUESNEL L.
FRASER RIVER
WILL GROUP
CANIM LAKE
CANIM & NEIL GROUPS
LITTLE FORT
LEGEND
- PROSPECT AREA
- CLAIM GROUP
inches
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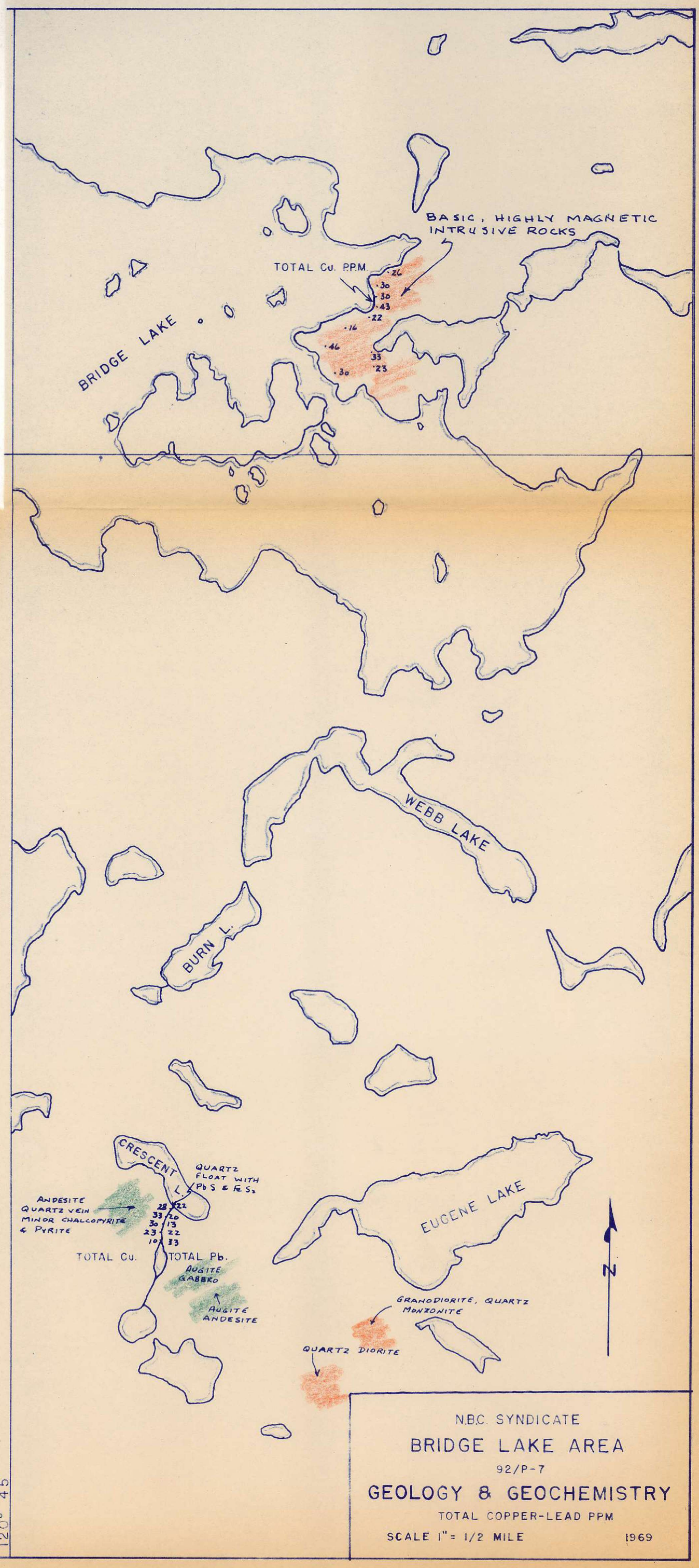
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
INDEX MAP OF 1969
PROSPECTING AREAS
SCALE 1" = 20 MILES
DEC. 1969

FIGURE I



N.B.C. SYNDICATE

BRIDGE LAKE AREA

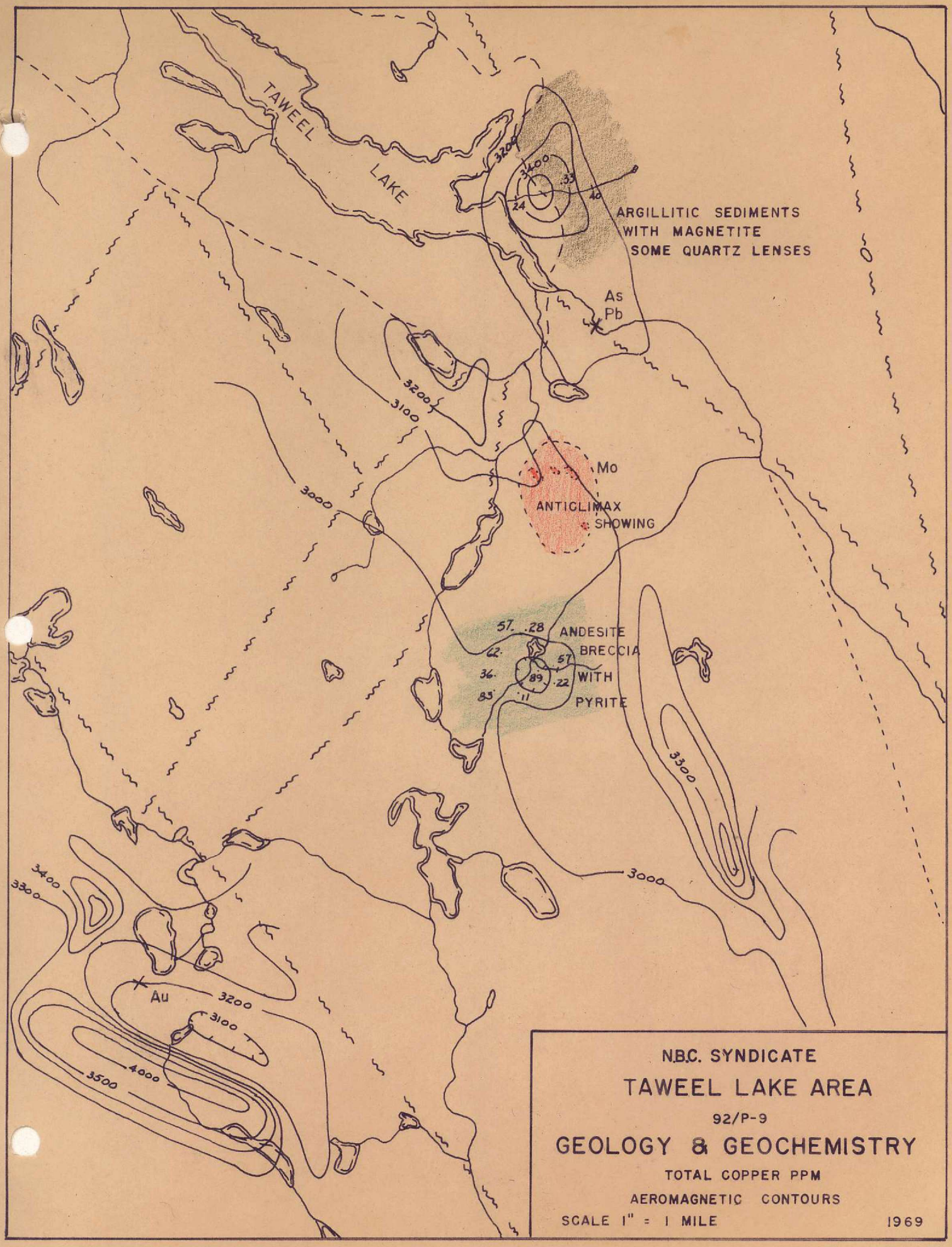
92/P-7

GEOLOGY & GEOCHEMISTRY

TOTAL COPPER-LEAD PPM

SCALE 1" = 1/2 MILE 1969

FIGURE 11


TAWEEL
LAKE
3200
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3500
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ARGILLITIC SEDIMENTS
WITH MAGNETITE
SOME QUARTZ LENSES
As
Pb
Mo
ANTICLIMAX
SHOWING
ANDESITE
BRECCIA
WITH
PYRITE
Au
N.B.C. SYNDICATE
TAWEEL LAKE AREA
92/P-9
GEOLOGY & GEOCHEMISTRY
TOTAL COPPER PPM
AEROMAGNETIC CONTOURS
SCALE 1" = 1 MILE
1969

FIGURE III

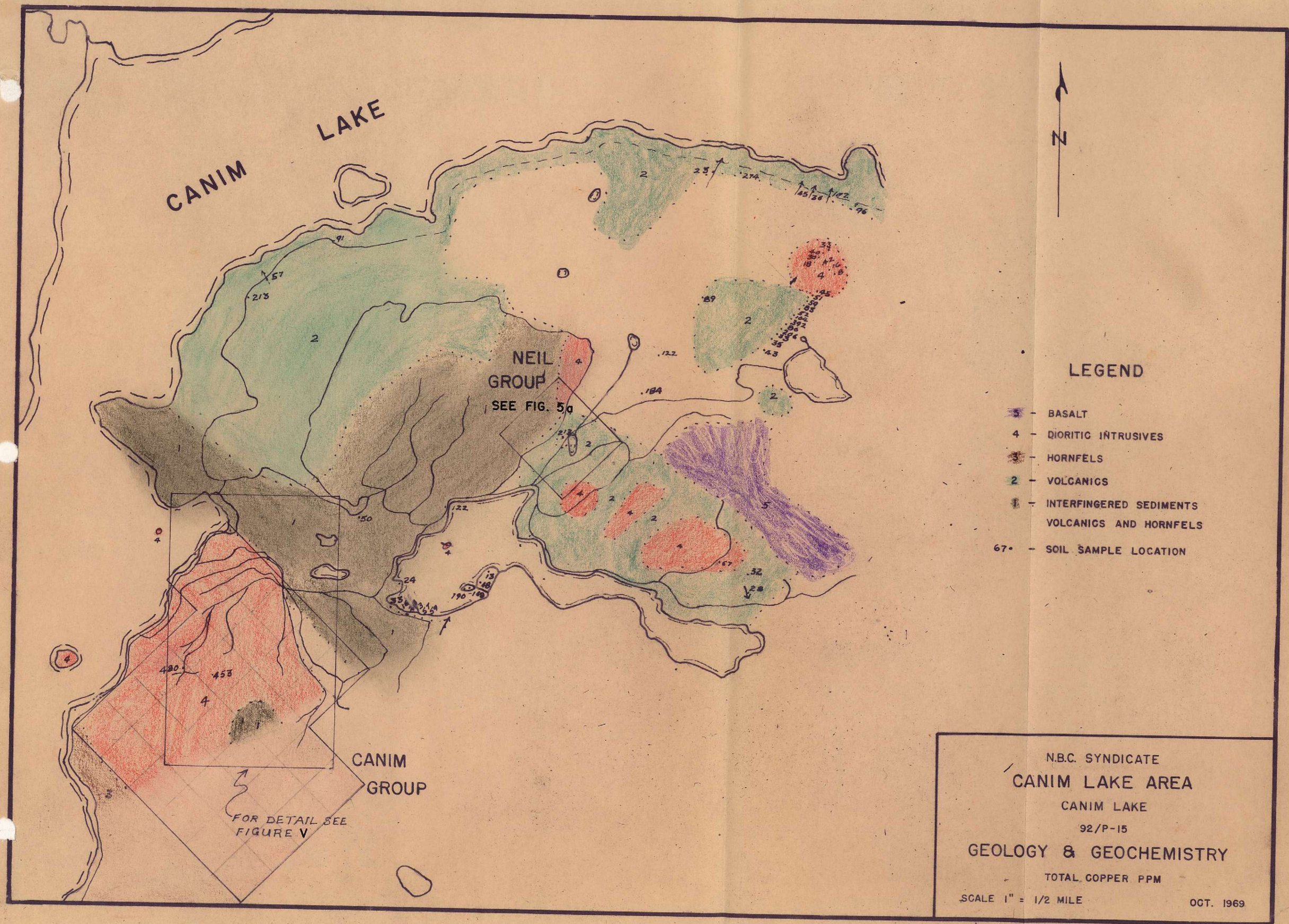

CANIM LAKE
N
NEIL GROUP
SEE FIG. 5a
CANIM GROUP
FOR DETAIL SEE FIGURE V
LEGEND
5 - BASALT
4 - DIORITIC INTRUSIVES
3 - HORNFELS
2 - VOLCANICS
1 - INTERFINGERED SEDIMENTS VOLCANICS AND HORNFELS
67• - SOIL SAMPLE LOCATION
N.B.C. SYNDICATE
CANIM LAKE AREA
CANIM LAKE
92/P-15
GEOLOGY & GEOCHEMISTRY
TOTAL COPPER PPM
SCALE 1" = 1/2 MILE
OCT. 1969

FIGURE IV

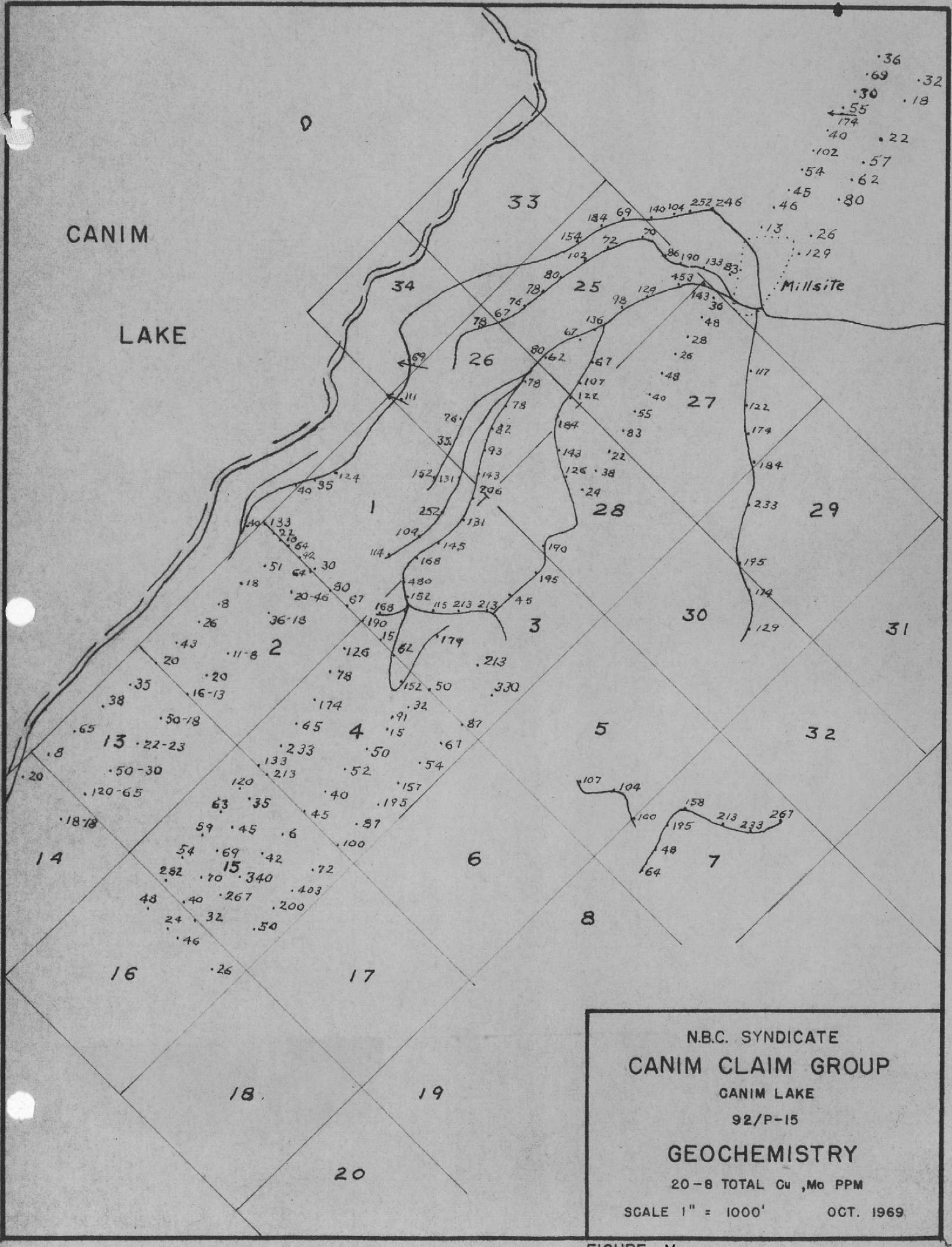
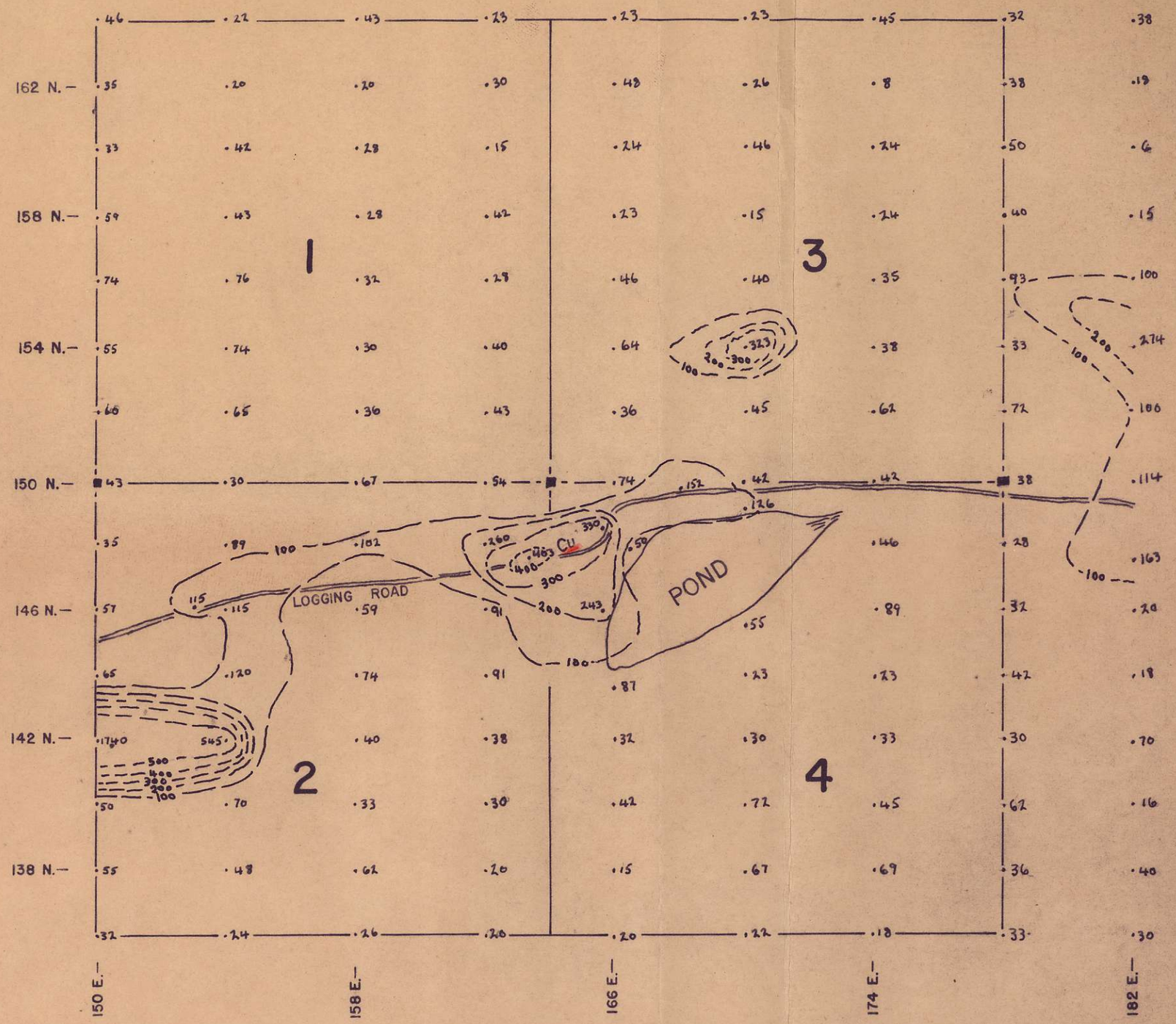

CANIM
LAKE
Millsite
N.B.C. SYNDICATE
CANIM CLAIM GROUP
CANIM LAKE
92/P-15
GEOCHEMISTRY
20-8 TOTAL Cu ,Mo PPM
SCALE 1" = 1000'
OCT. 1969

FIGURE V



N.B.C. SYNDICATE

NEIL CLAIM GROUP

CANIM LAKE

92/P-15

GEOCHEMISTRY

TOTAL COPPER PPM

SCALE 1" = 400' OCT. 1969

FIGURE V a

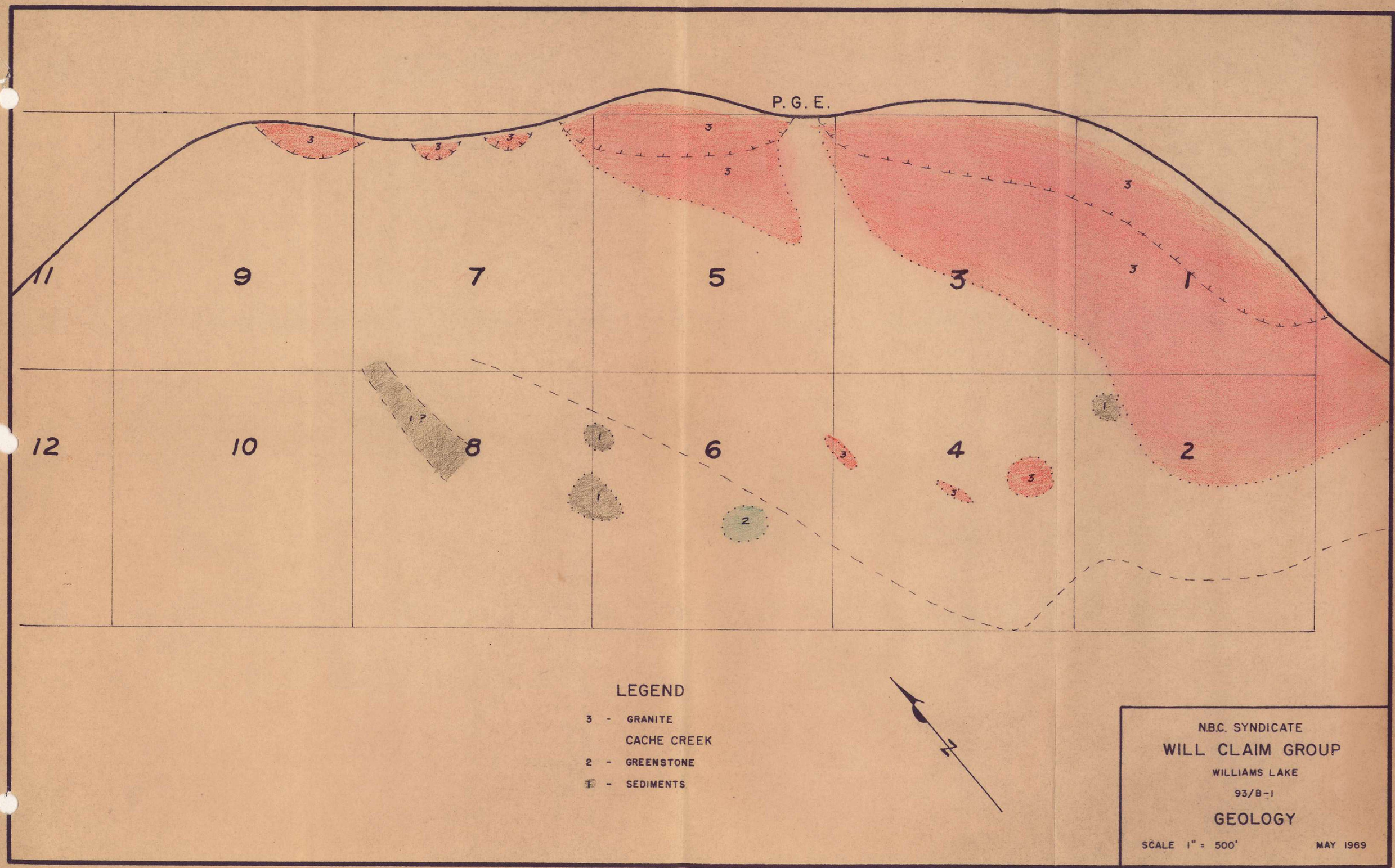
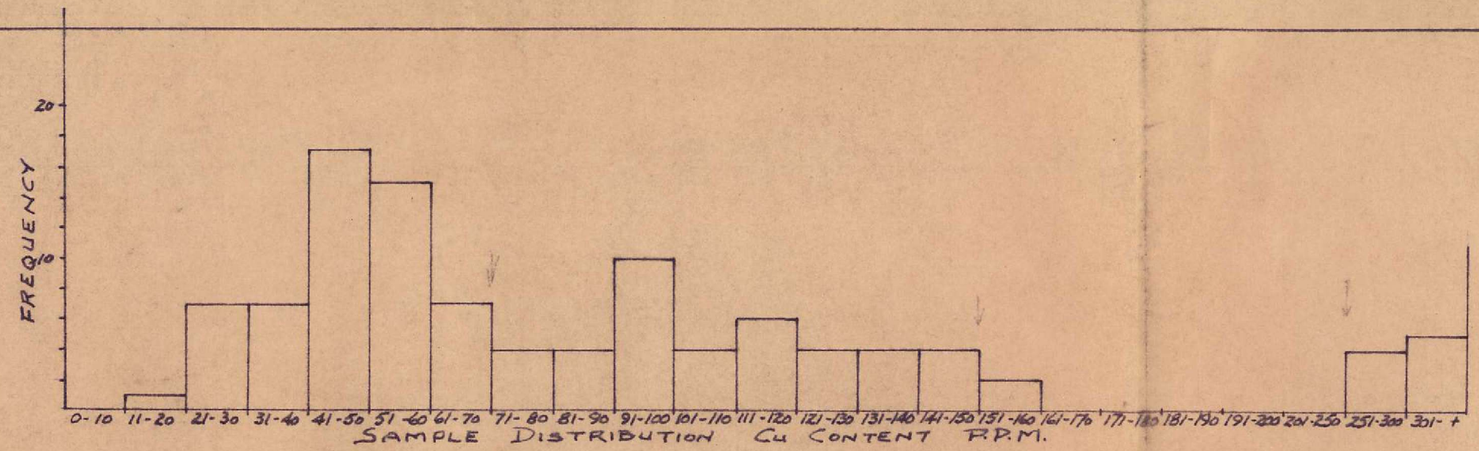
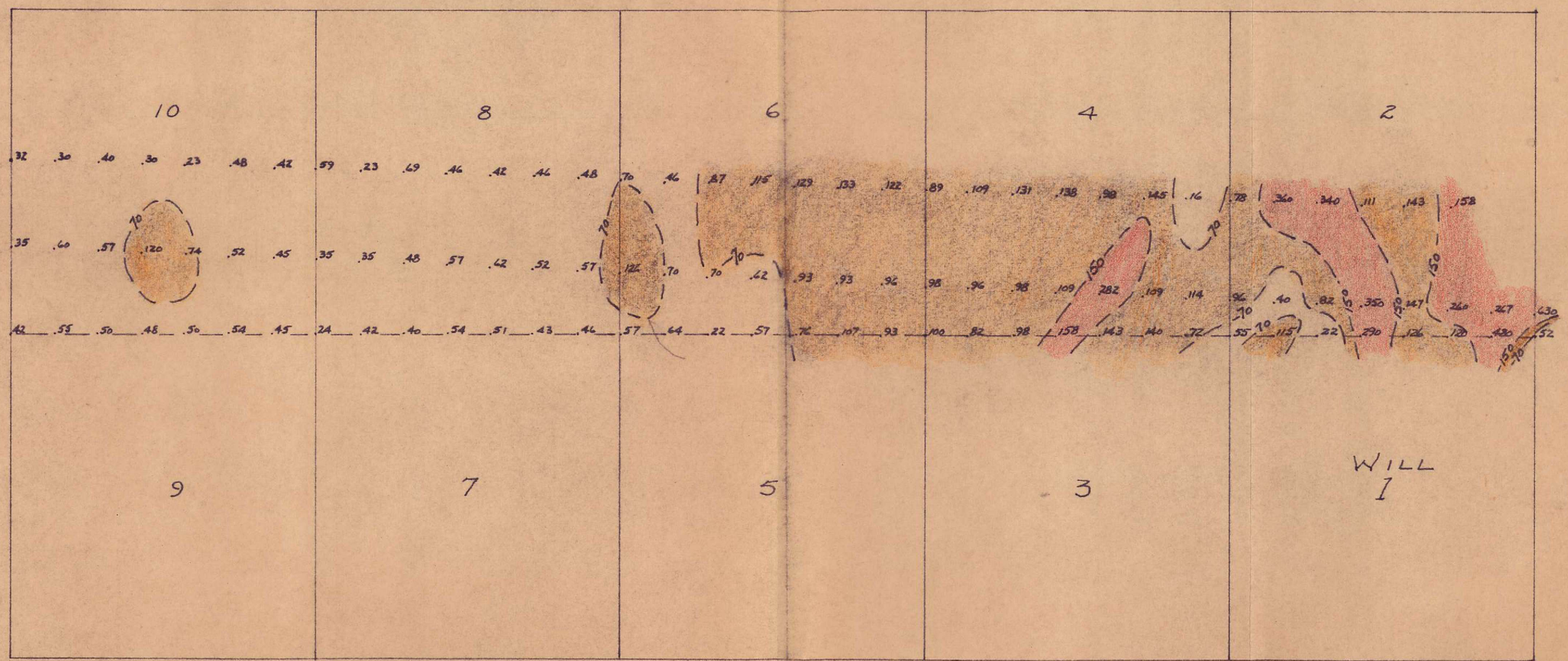

P.G.E.
11
9
7
5
3
1
12
10
8
6
4
2
LEGEND
3 - GRANITE
CACHE CREEK
2 - GREENSTONE
1 - SEDIMENTS
N.B.C. SYNDICATE
WILL CLAIM GROUP
WILLIAMS LAKE
93/B-1
GEOLOGY
SCALE 1" = 500'
MAY 1969

FIGURE VI

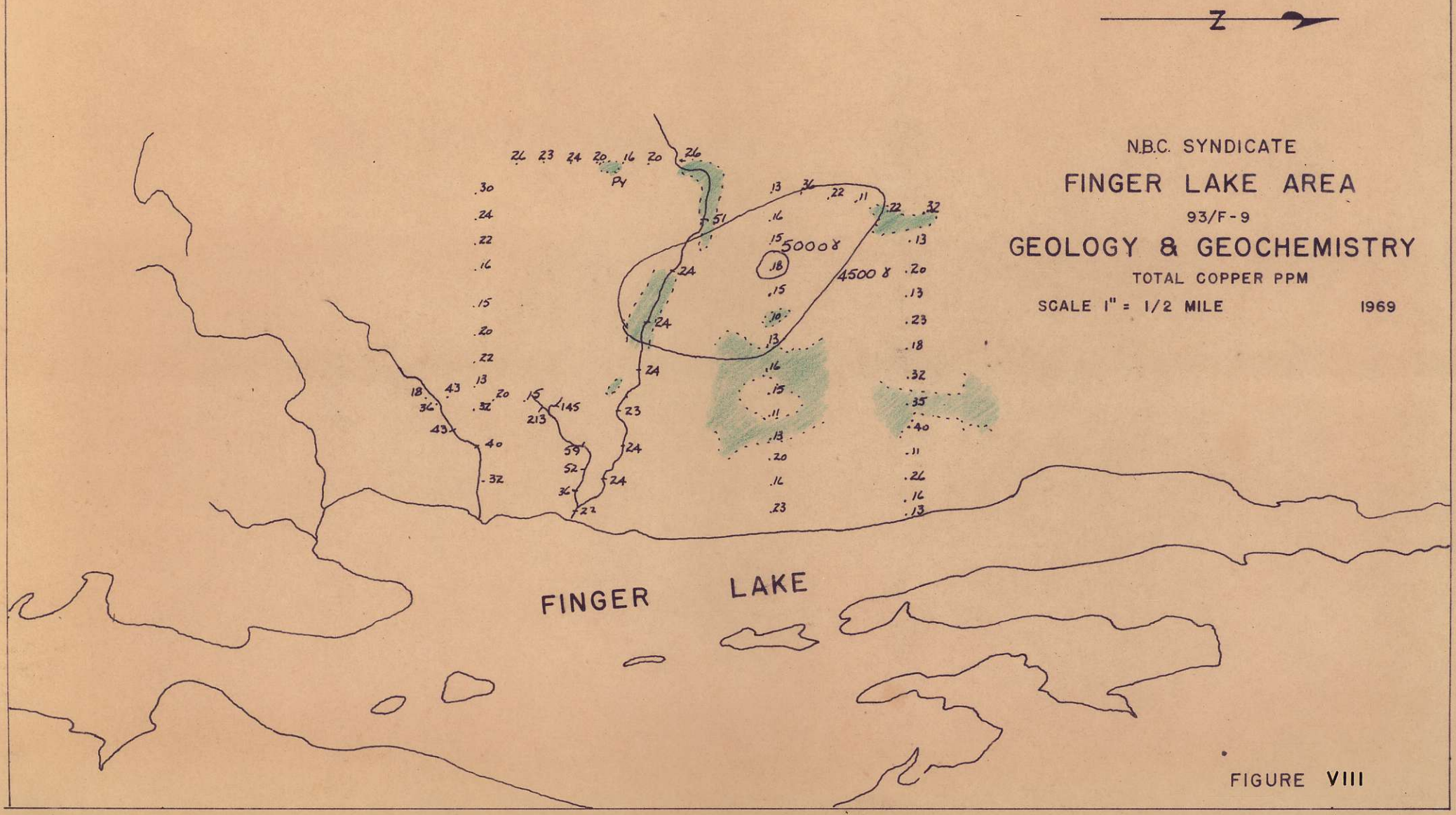




.67 - SOIL SAMPLE,
TOTAL Cu PPM

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

FIGURE VII



N.B.C. SYNDICATE

FINGER LAKE AREA

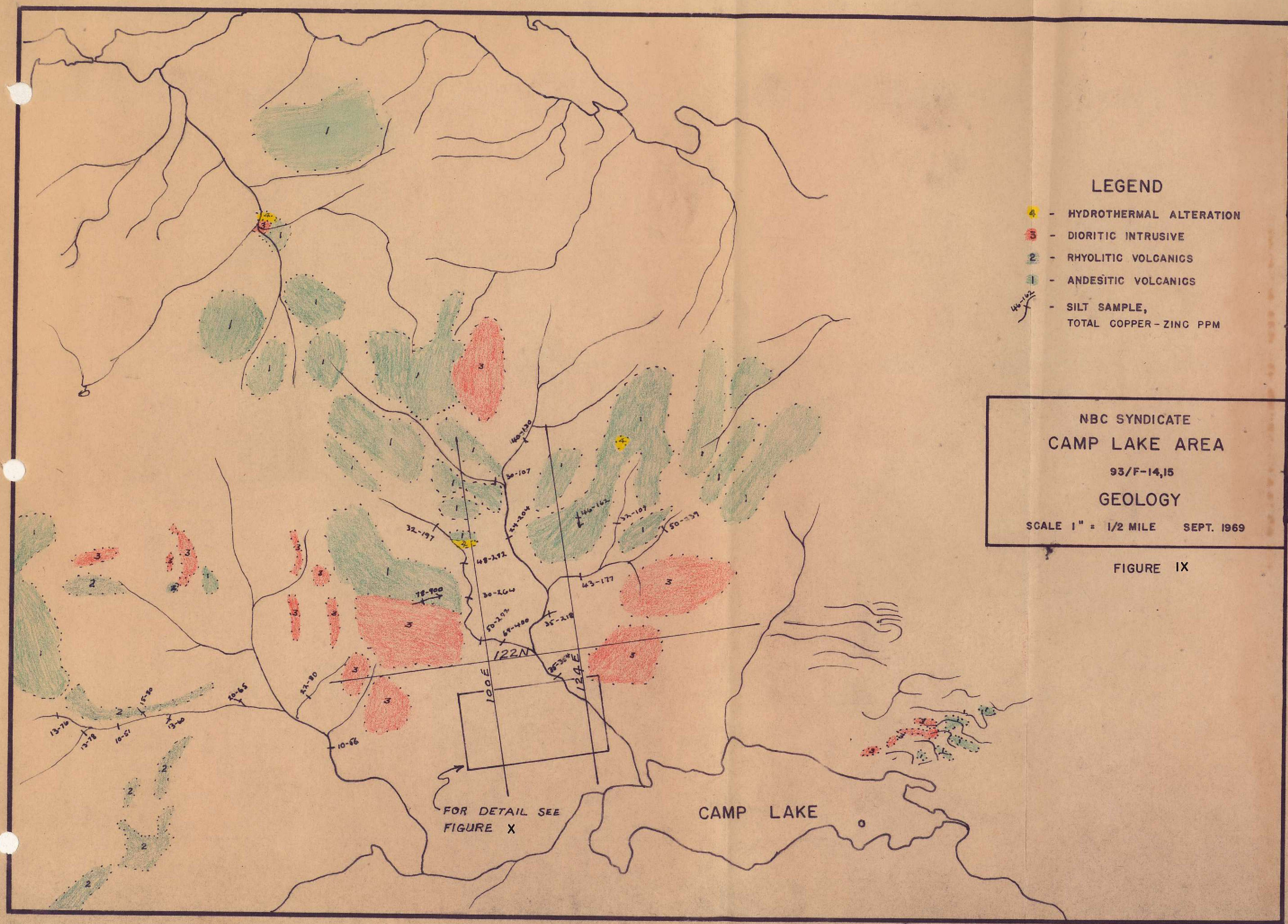
93/F-9

GEOLOGY & GEOCHEMISTRY

TOTAL COPPER PPM

SCALE 1" = 1/2 MILE 1969

FIGURE VIII


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
FIGURE IX
122N
100E
124E
FOR DETAIL SEE FIGURE X
CAMP LAKE

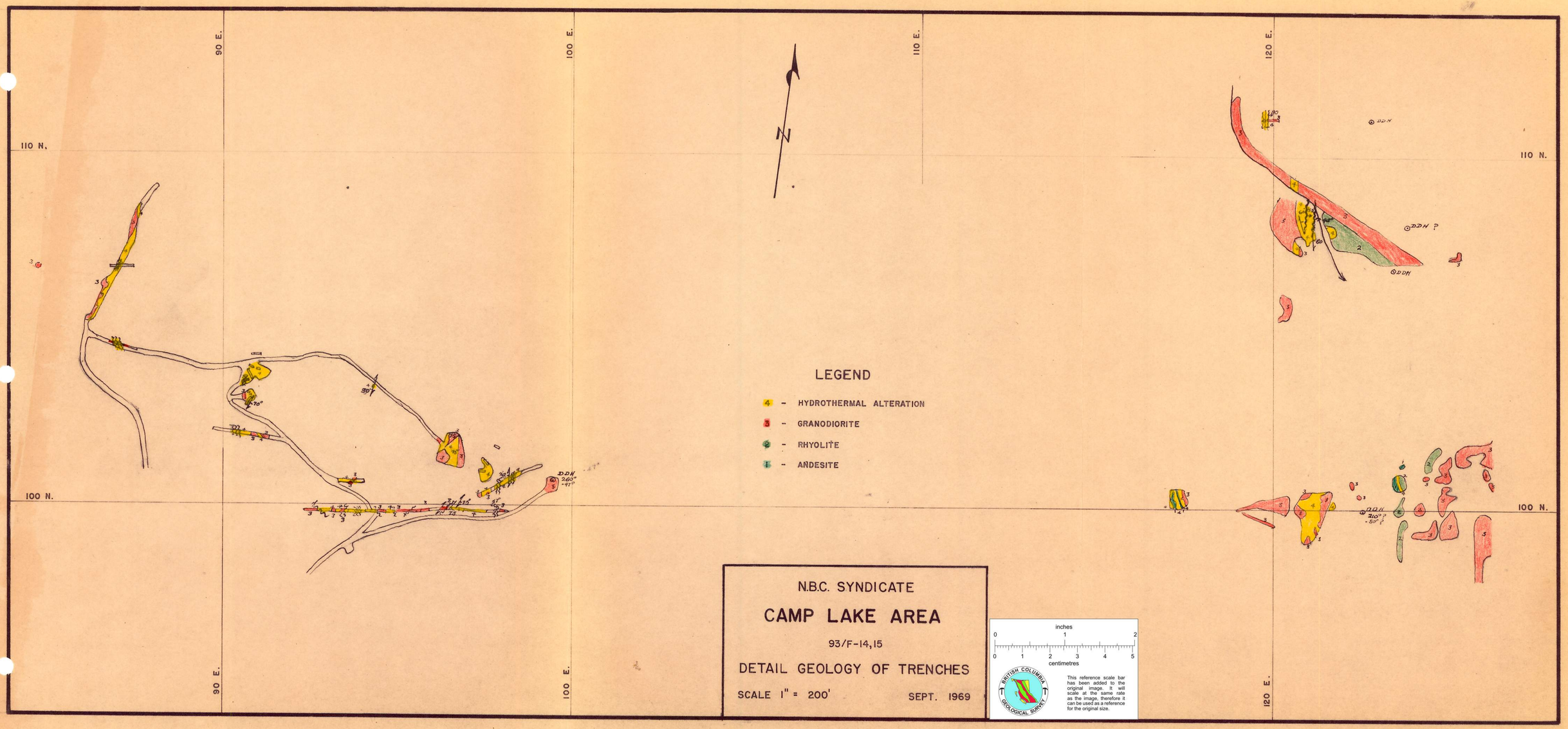

90 E.
100 E.
110 E.
120 E.
110 N.
100 N.
N
LEGEND
4 - HYDROTHERMAL ALTERATION
3 - GRANODIORITE
2 - RHYOLITE
1 - ANDESITE
DDH
DDH ?
N.B.C. SYNDICATE
CAMP LAKE AREA
93/F-14,15
DETAIL GEOLOGY OF TRENCHES
SCALE 1" = 200'
SEPT. 1969
inches
centimetres
BRITISH COLUMBIA
GEOLOGICAL SURVEY
This reference scale 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.

FIGURE X

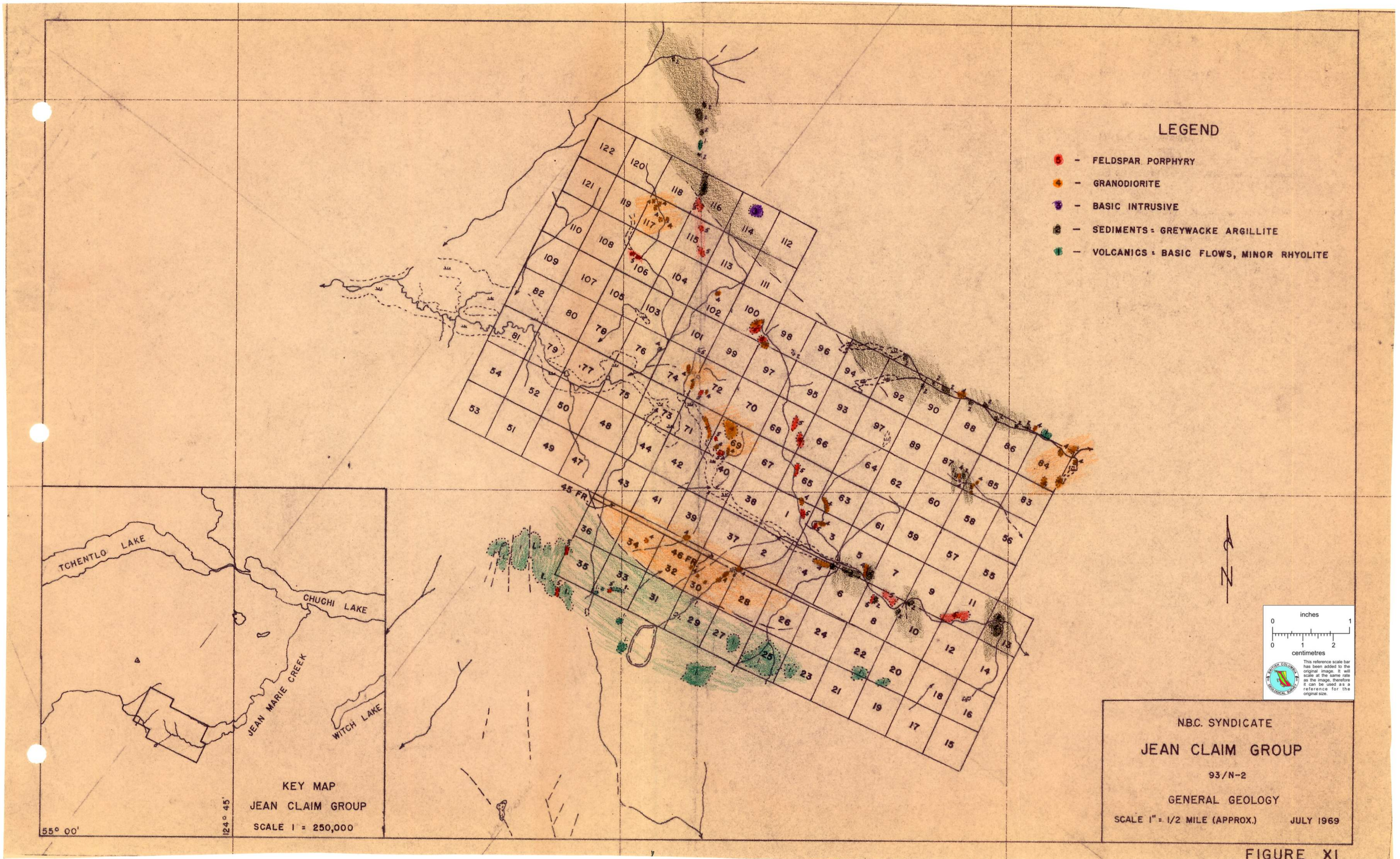
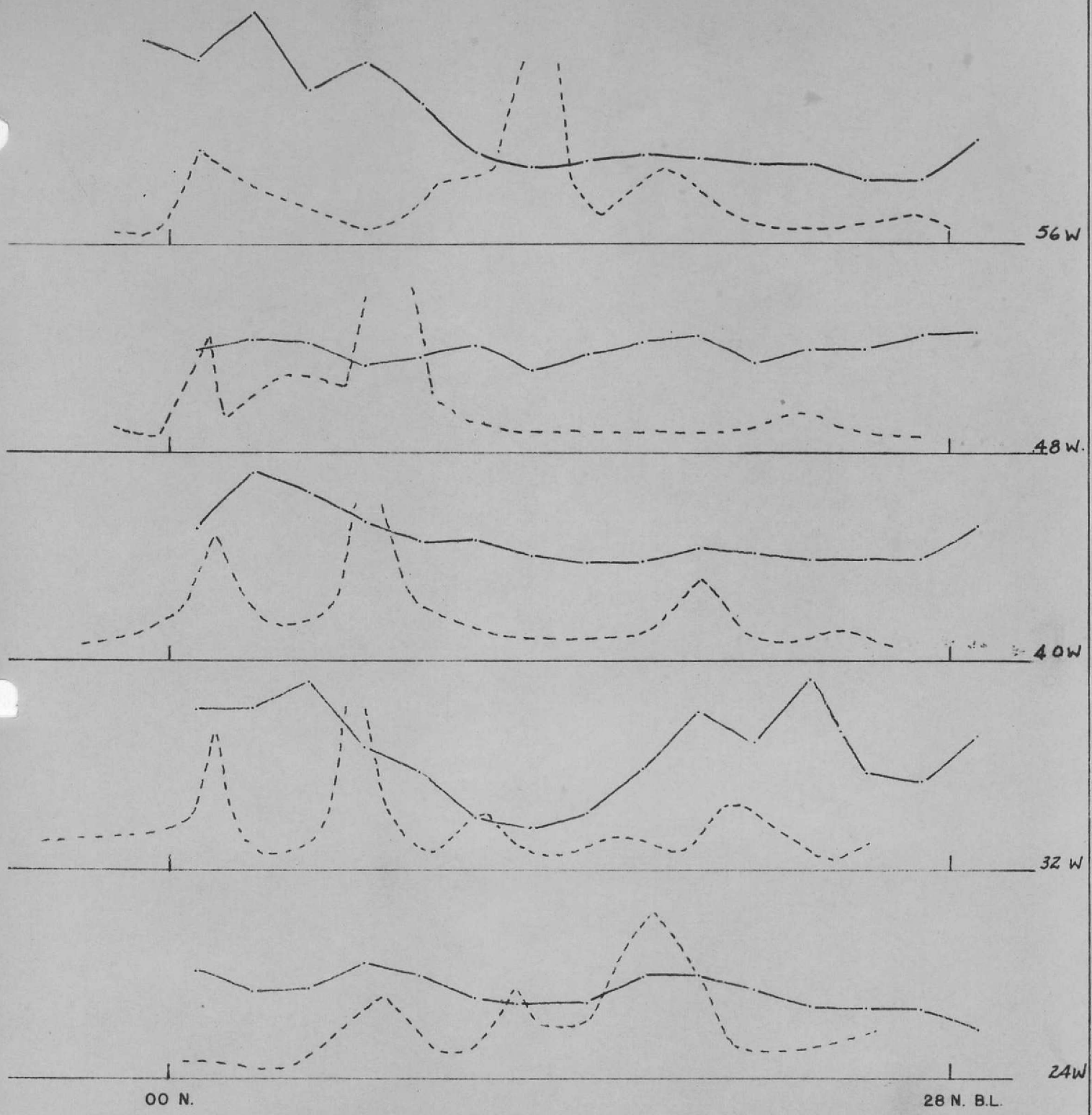

LEGEND
6 - FELDSPAR PORPHYRY
4 - GRANODIORITE
3 - BASIC INTRUSIVE
2 - SEDIMENTS : GREYWACKE ARGILLITE
1 - VOLCANICS : BASIC FLOWS, MINOR RHYOLITE
N
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY
TCHENTLO LAKE
CHUCHI LAKE
JEAN MARIE CREEK
WITCH LAKE
55° 00'
124° 45'
KEY MAP
JEAN CLAIM GROUP
SCALE 1 = 250,000
45 FR
46 FR
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

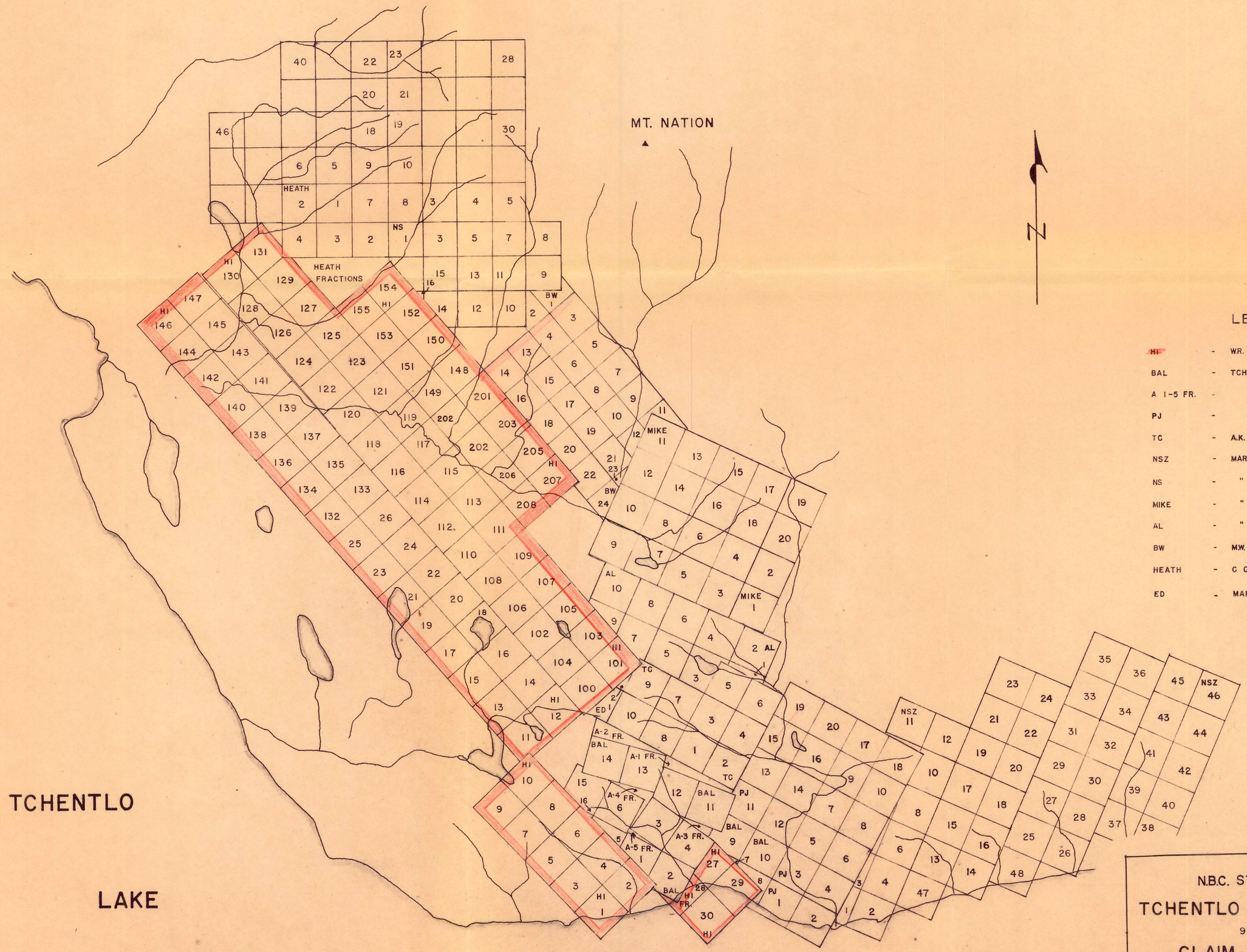
SCALE - 1" = 500' HORIZONTAL
- 1" = 10 MILLISECONDS
- 1" = 500 PPM Cu

N.B.C. SYNDICATE
JEAN CLAIM GROUP
93/N-2

PROFILES

CHARGEABILITY & GEOCHEMISTRY
1969

FIGURE XII



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 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

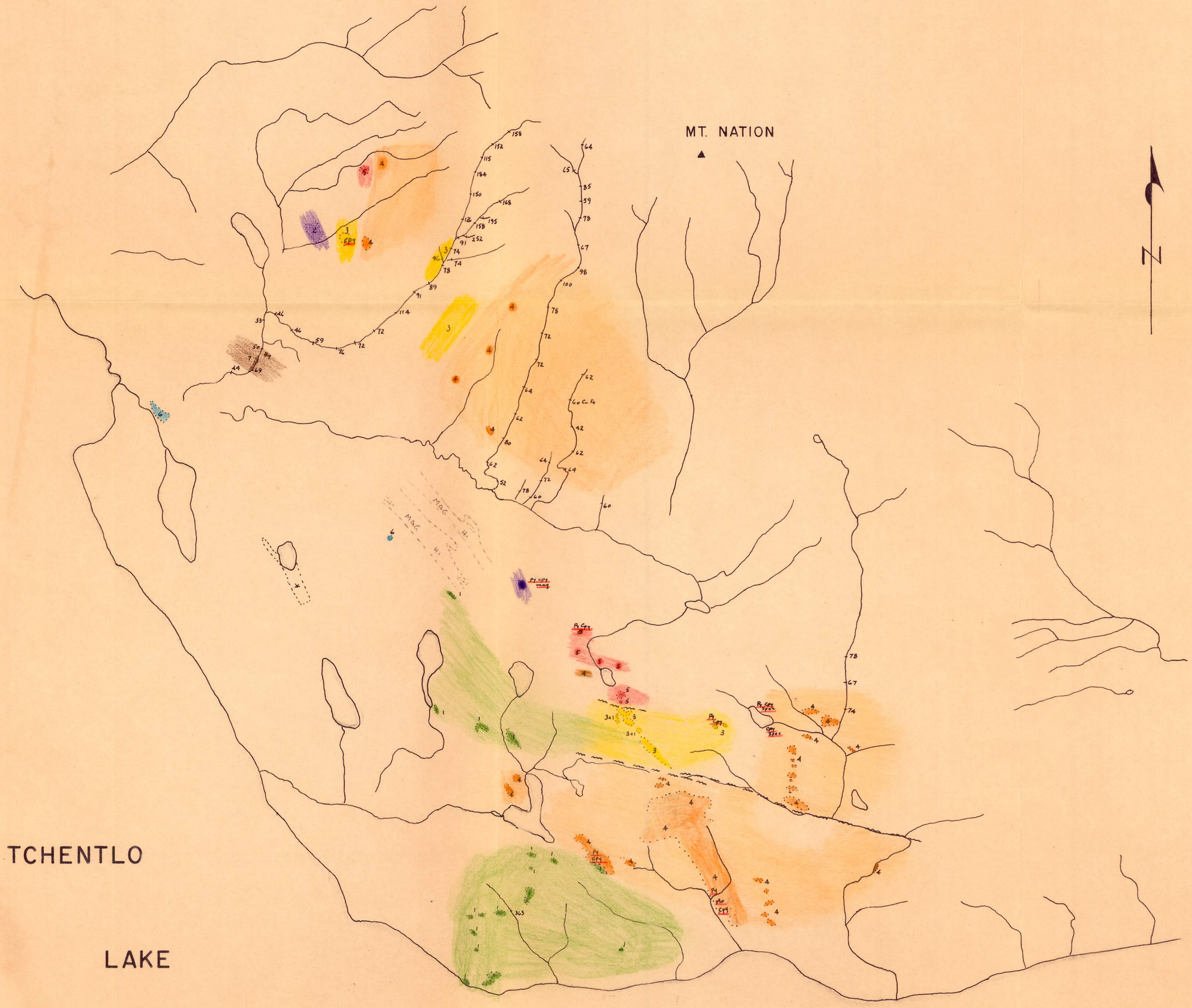
TCHENTLO LAKE AREA

93/N-3

CLAIM GROUPS

SCALE 1" = 1/2 MILE OCT. 1969

FIGURE XIII



LEGEND

- 7 - SANDSTONE CONGLOMERATE
- 6 - LIMESTONE
- 5 - SYENITE
- 4 - GRANODIORITE
- 3 - DIORITE
- 2 - GABBRO
- 1 - VOLCANICS

inches 0 1 2

centimetres 0 1 2 3 4 5

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

TCHENTLO LAKE AREA

93/N-3

GEOLOGY

SCALE 1" = 1/2 MILE OCT. 1969

FIGURE XIV

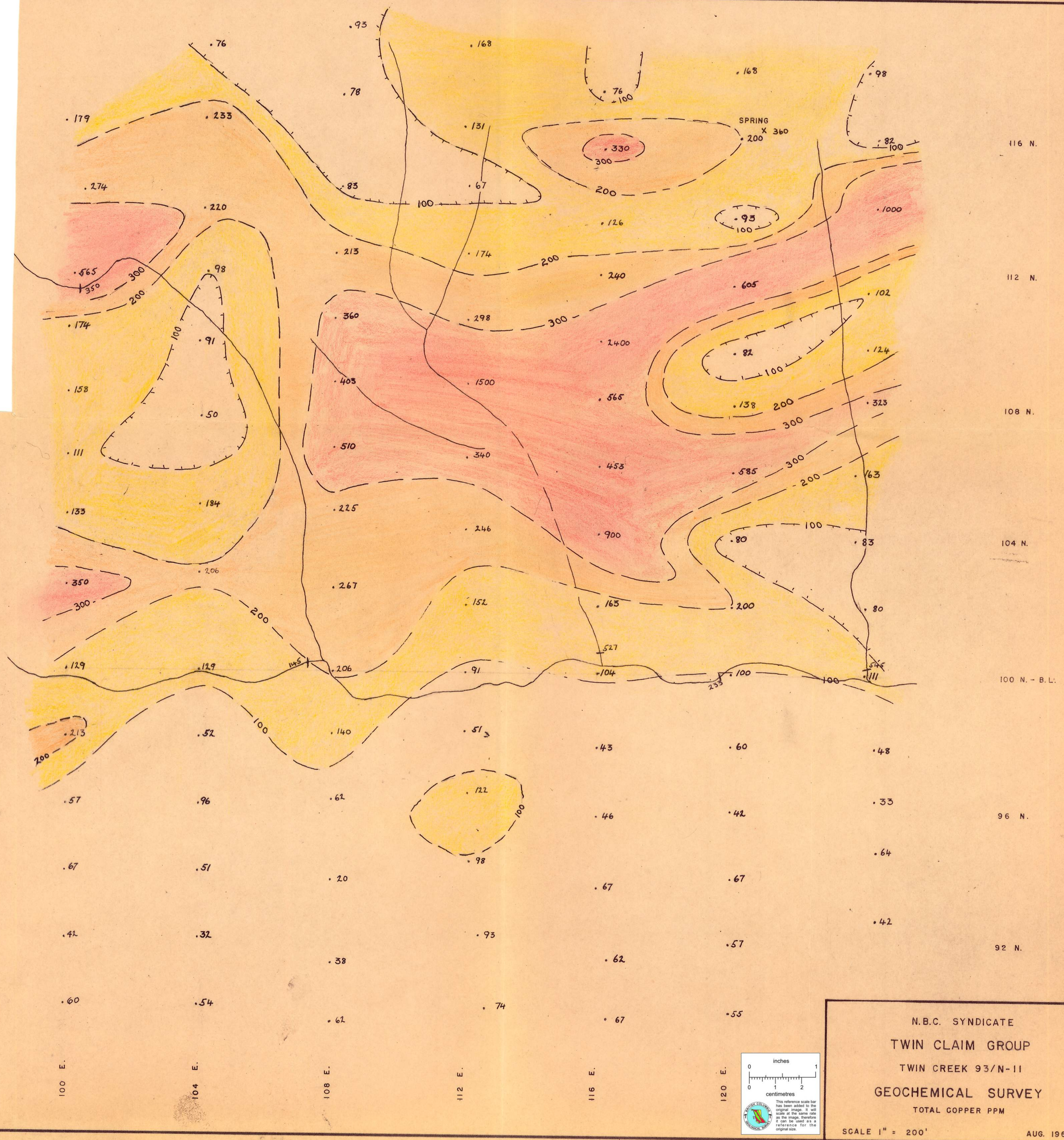
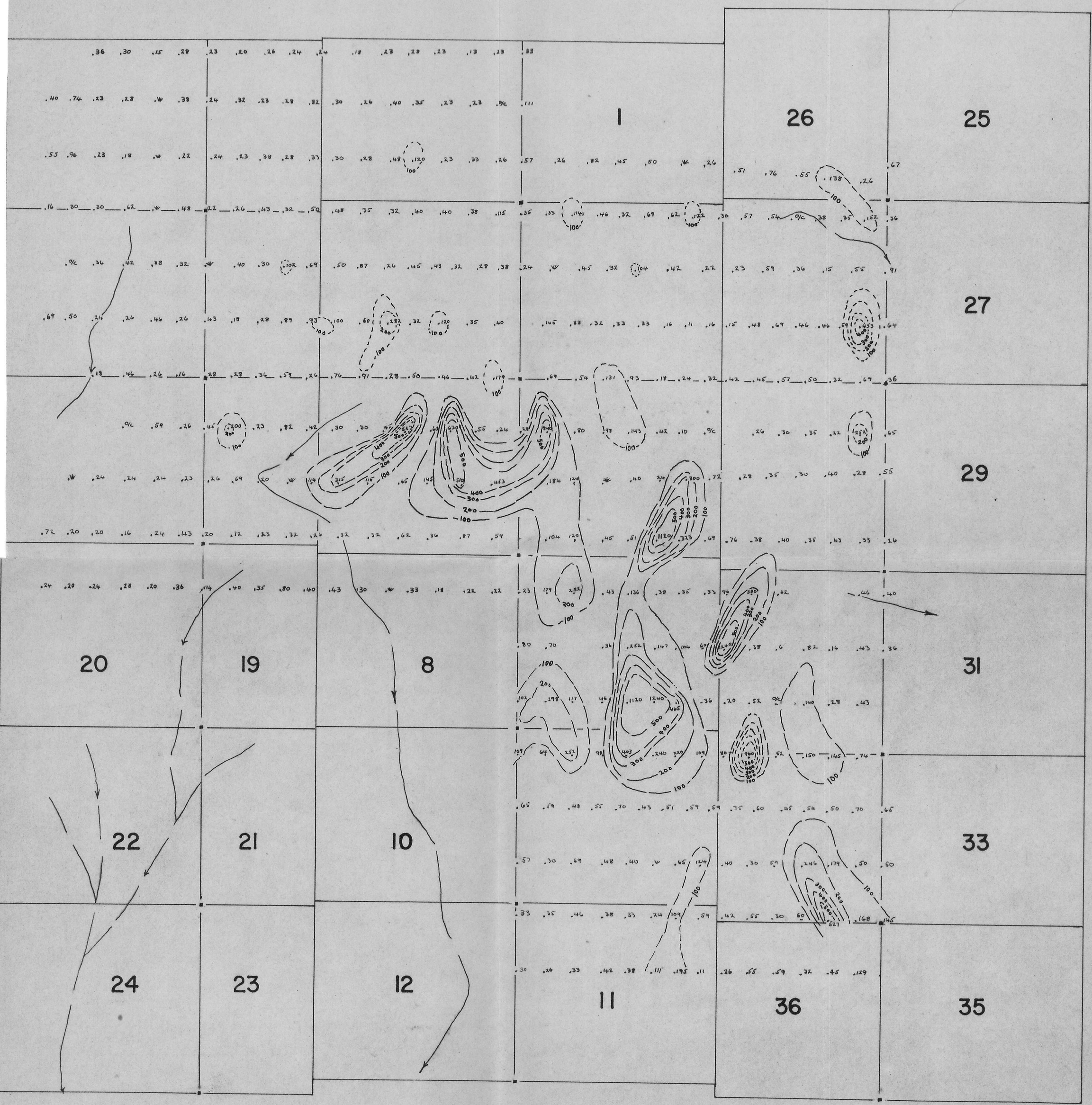
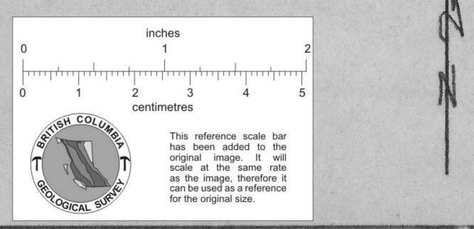

SPRING
116 N.
112 N.
108 N.
104 N.
100 N. - B.L.
96 N.
92 N.
100 E.
104 E.
108 E.
112 E.
116 E.
120 E.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
N.B.C. SYNDICATE
TWIN CLAIM GROUP
TWIN CREEK 93/N-11
GEOCHEMICAL SURVEY
TOTAL COPPER PPM
SCALE 1" = 200'
AUG. 1969

FIGURE XV





N.B.C. SYNDICATE

TAKLA CLAIM GROUP

TAKLA LAKE

93/M-1

GEOCHEMISTRY

TOTAL COPPER PPM

SCALE 1" = 500'

JULY 1969

FIGURE XVI

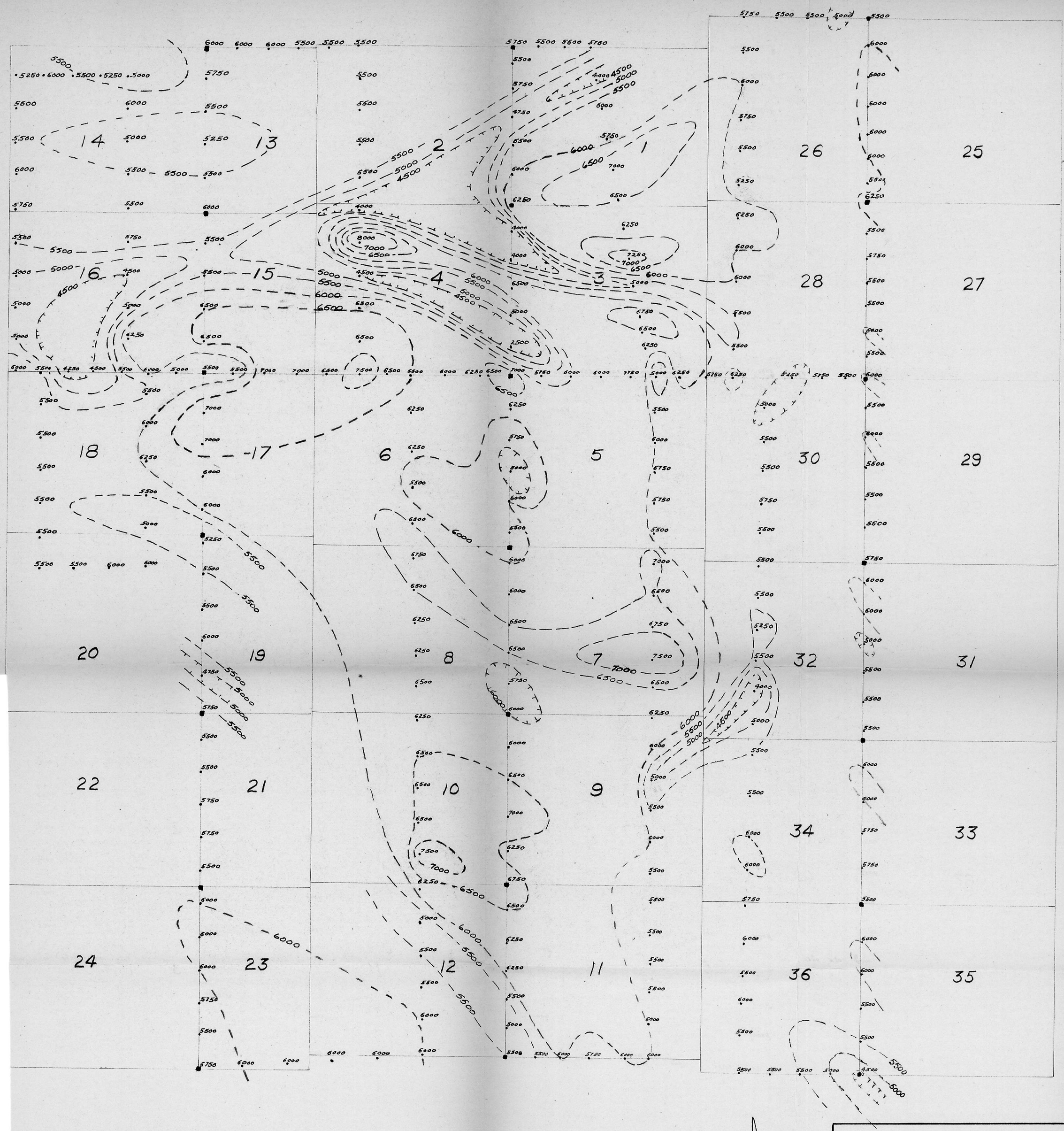
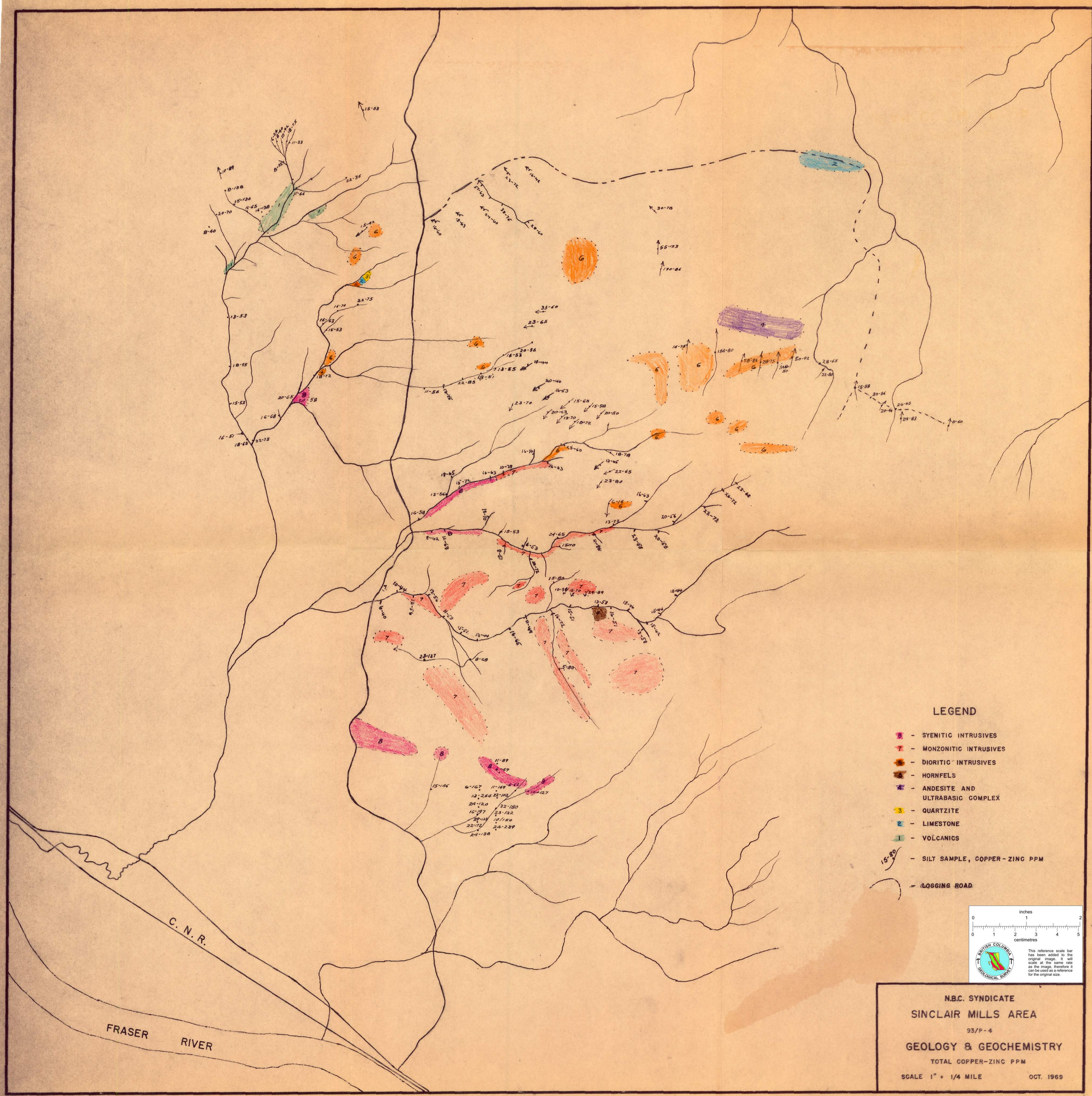

NBC SYNDICATE
TAKLA CLAIM GROUP
TAKLA LAKE
93/M-1
MAGNETOMETER SURVEY
MINIMAG
Scale 1" = 500'
1969
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA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

FIGURE XVII

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 FLOAT
REYNARD CREEK
FRACTURE ZONE
PEAK 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
The reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it represents 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 1



~~FIGURE~~ PLATE II

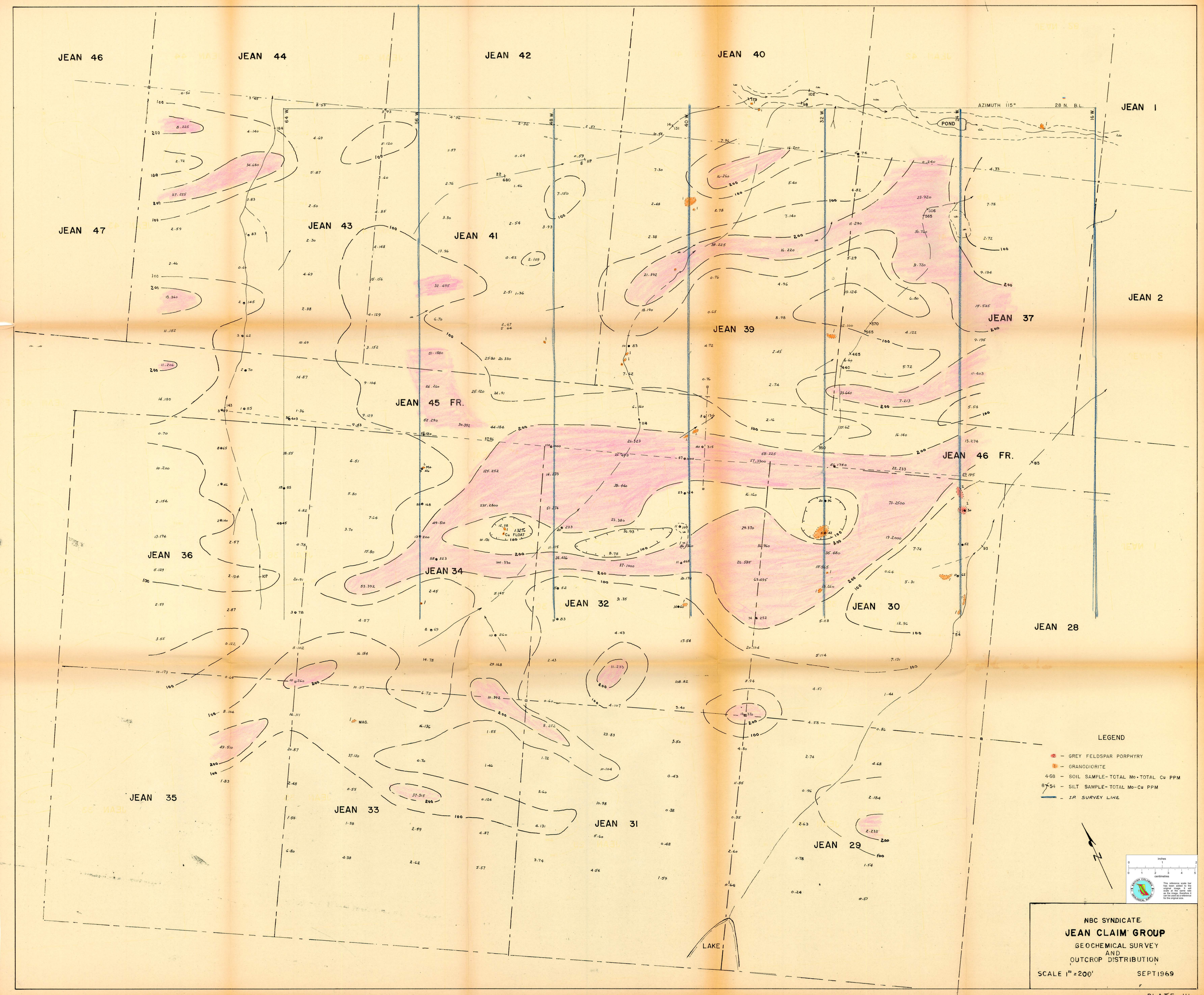

JEAN 46
JEAN 44
JEAN 42
JEAN 40
JEAN 1
AZIMUTH 115°
28 N. B.L.
POND
64 W.
56 W.
48 W.
40 W.
32 W.
24 W.
16 W.
JEAN 47
JEAN 43
JEAN 41
JEAN 39
JEAN 37
JEAN 2
JEAN 45 FR.
JEAN 46 FR.
JEAN 36
JEAN 34
JEAN 32
JEAN 30
JEAN 28
JEAN 35
JEAN 33
JEAN 31
JEAN 29
1.32% Cu FLOAT
MAG.
LAKE
LEGEND
GREY FELDSPAR PORPHYRY
GRANODIORITE
4-68 – SOIL SAMPLE- TOTAL Mo • TOTAL Cu PPM
8/54 – SILT SAMPLE- TOTAL Mo-Cu PPM
I.P. SURVEY LINE
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

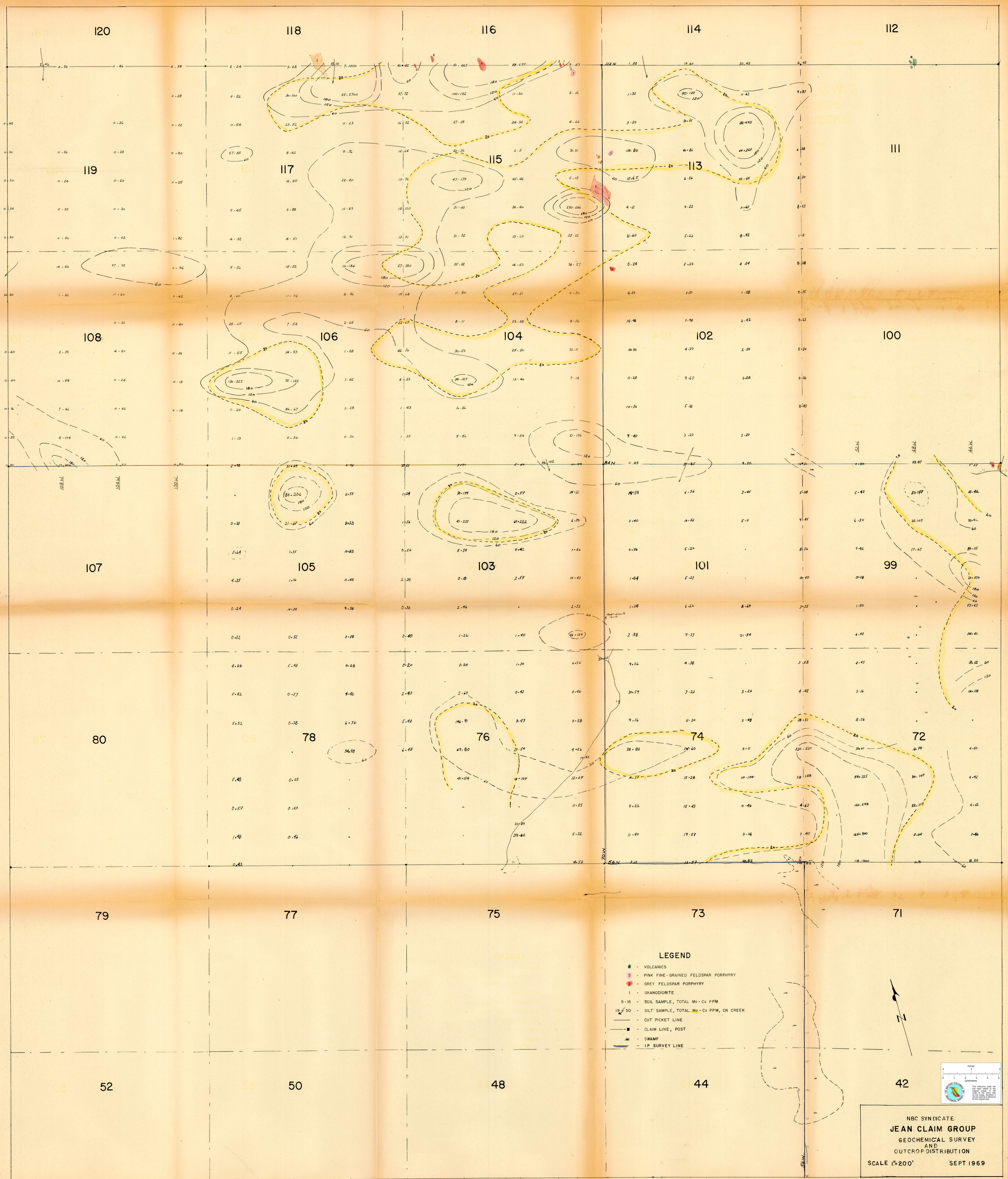
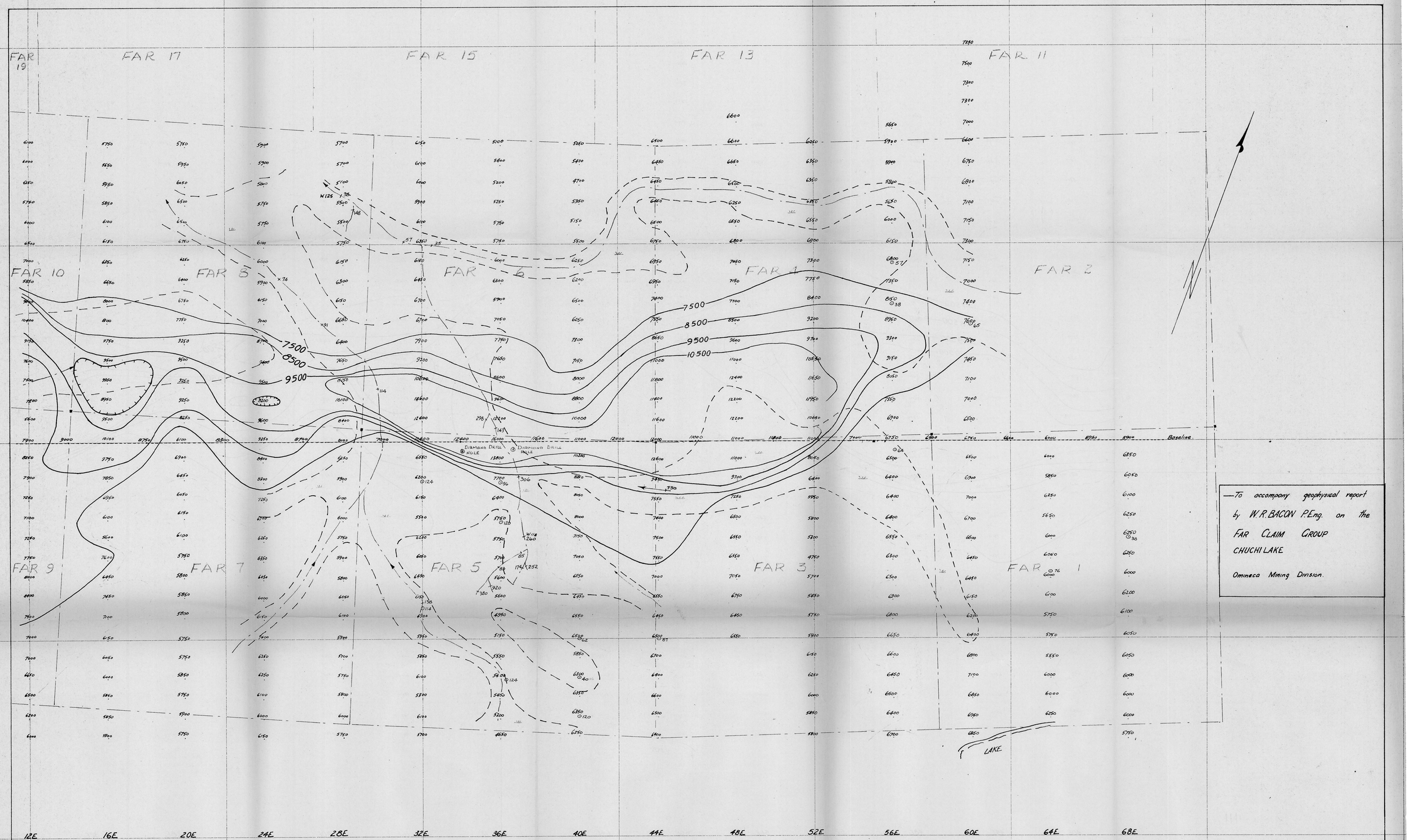

120
118
116
114
112
119
117
115
113
111
108
106
104
102
100
107
105
103
101
99
80
78
76
74
72
79
77
75
73
71
52
50
48
44
42
LEGEND
- VOLCANICS
- PINK FINE-GRAINED FELDSPAR PORPHYRY
- GREY FELDSPAR PORPHYRY
- GRANODIORITE
- SOIL SAMPLE, TOTAL Mo · Cu PPM
- SILT SAMPLE, TOTAL Mo - Cu PPM, ON CREEK
- CUT PICKET LINE
- CLAIM LINE, POST
- SWAMP
- IP SURVEY LINE
NBC SYNDICATE.
JEAN CLAIM GROUP
GEOCHEMICAL SURVEY
AND
OUTCROP DISTRIBUTION
SCALE 1"=200'
SEPT 1969

PLATE IM



—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

0 1 2 3 4 5 centimetres

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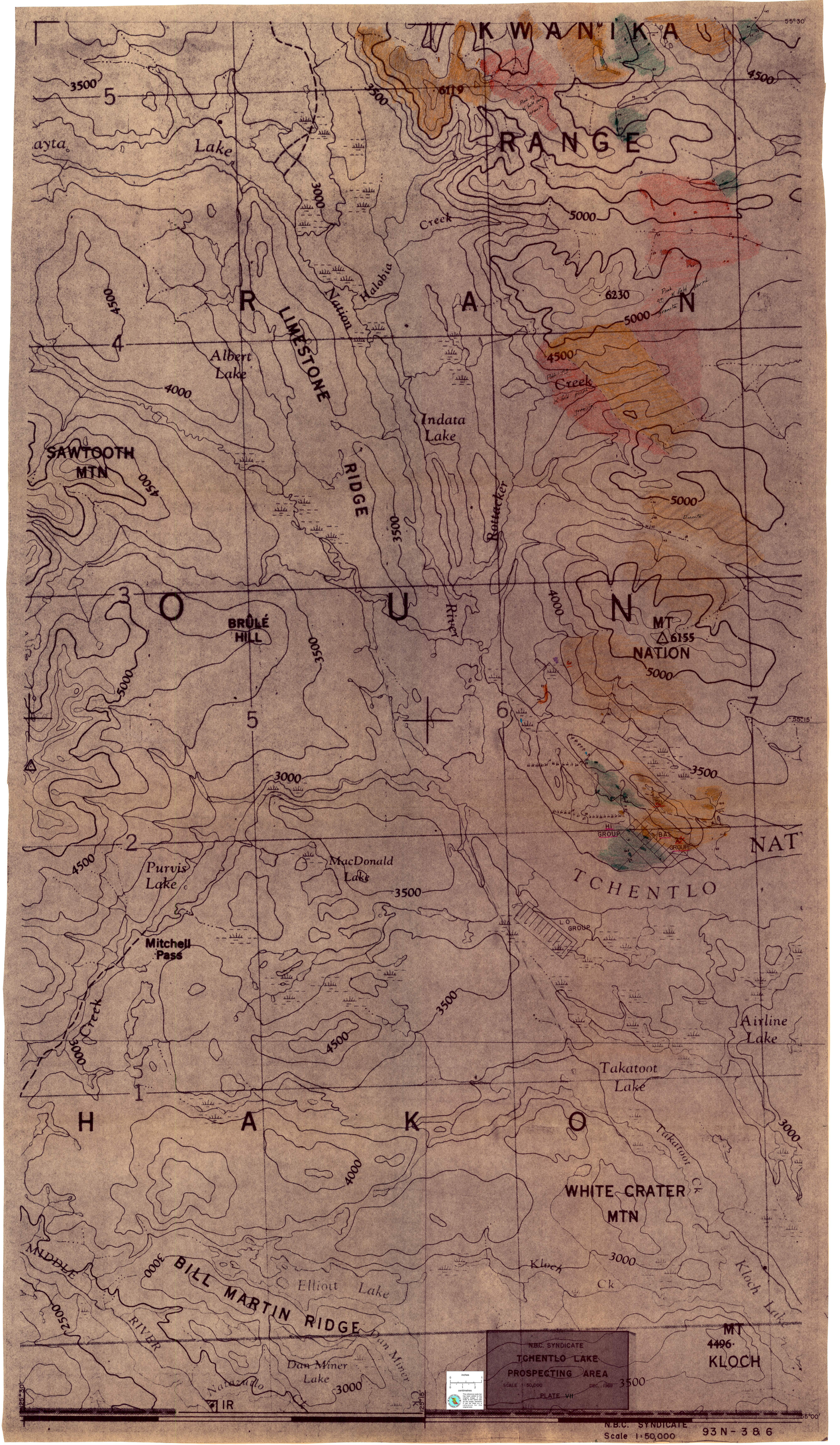
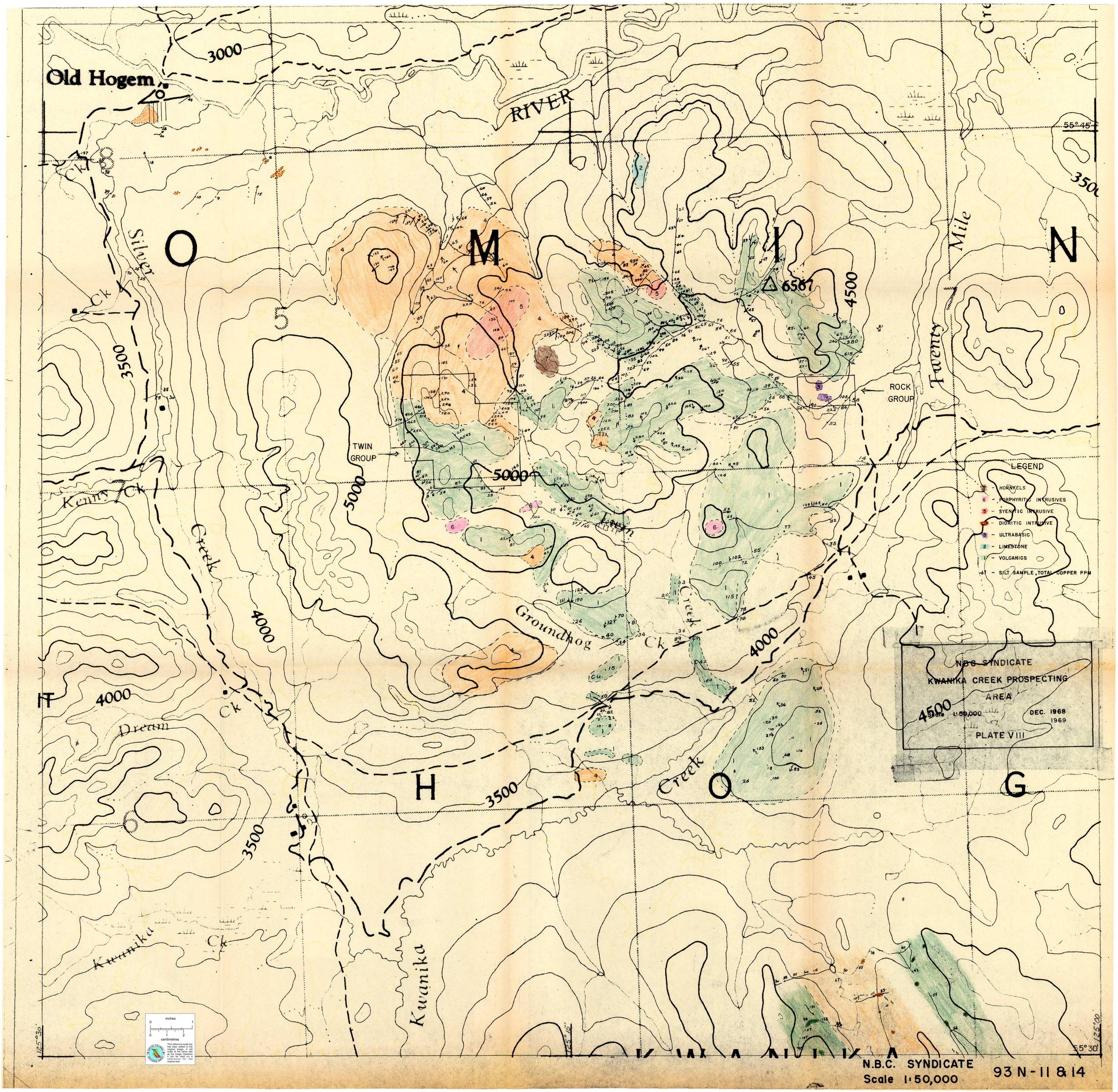
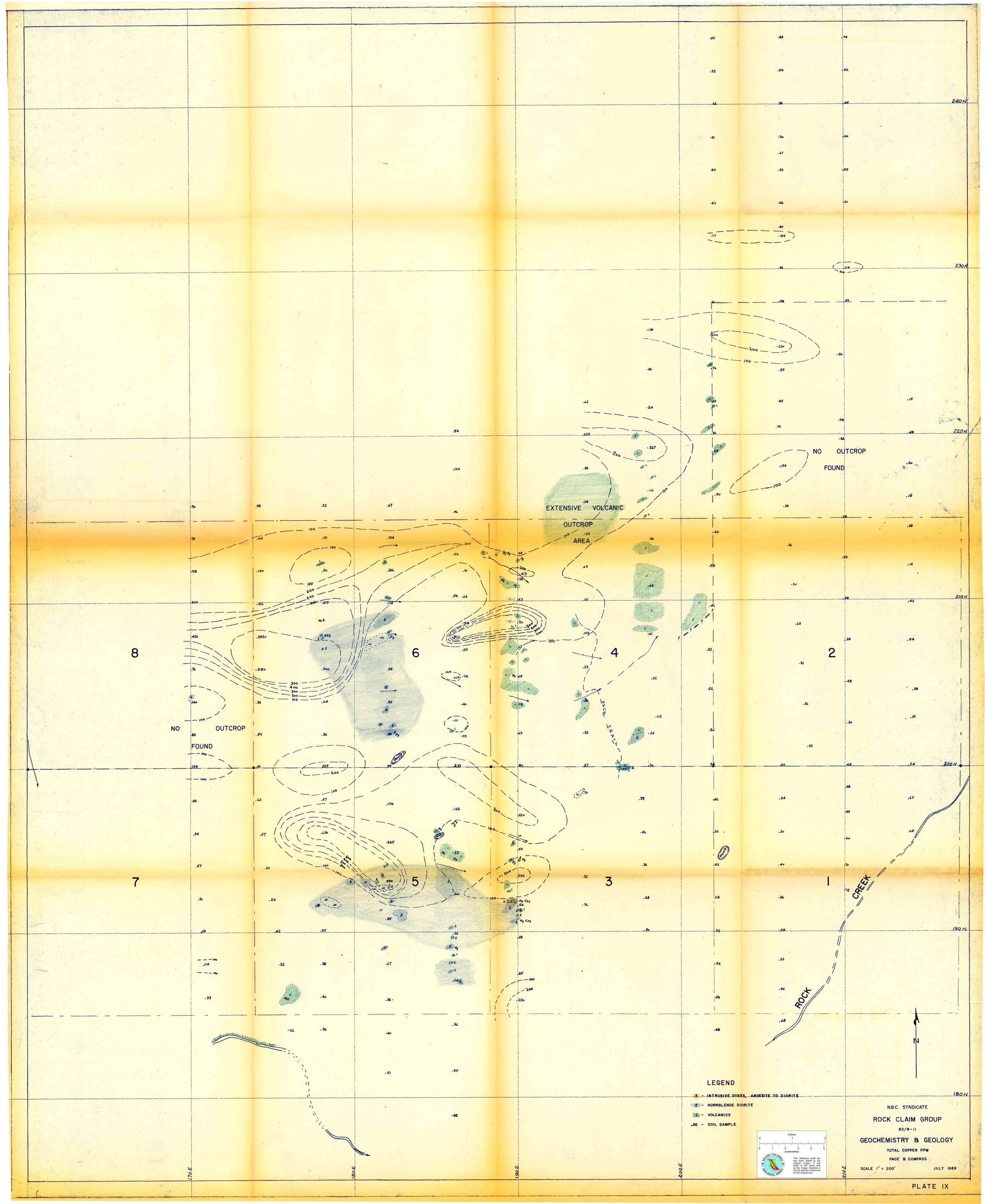
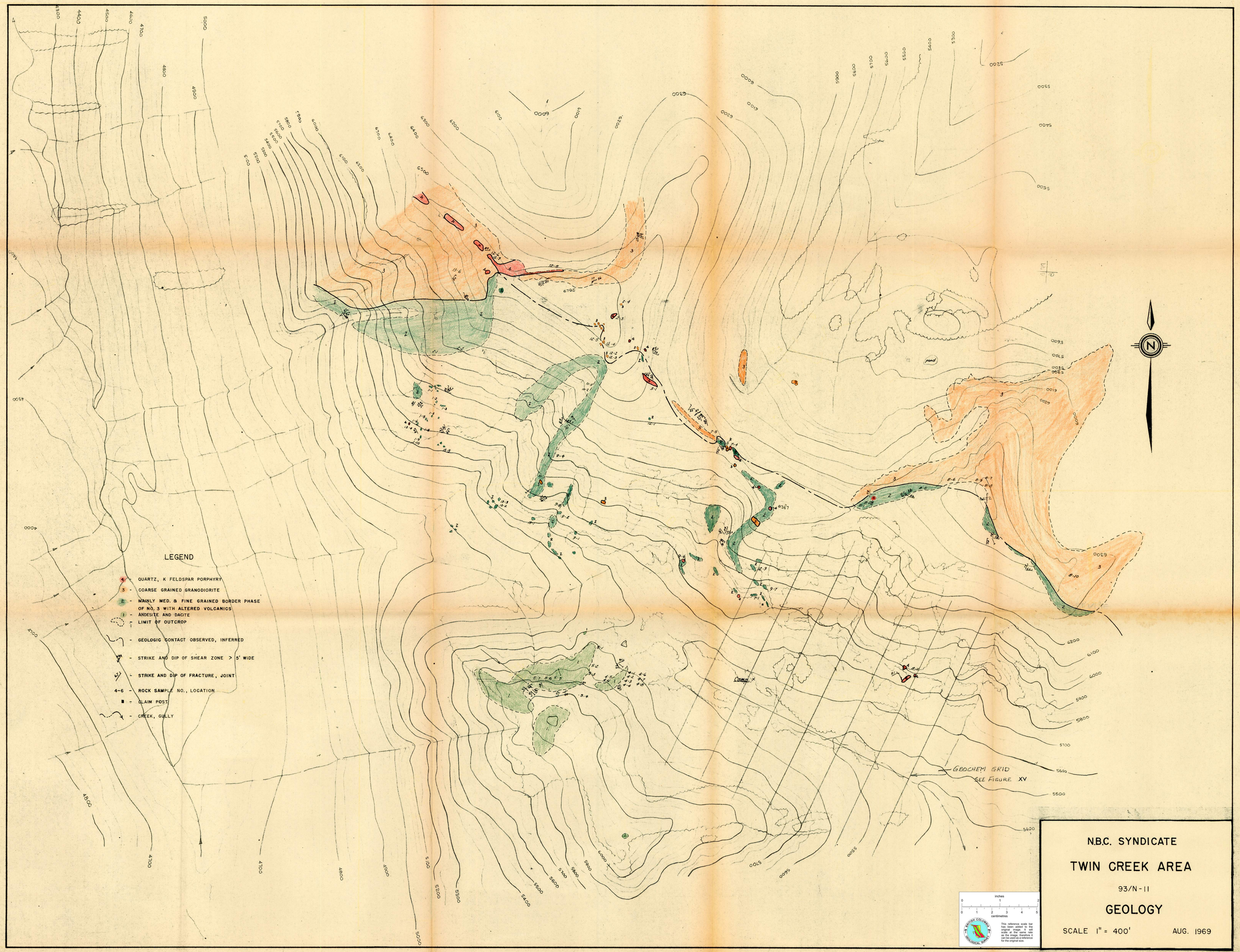
PLATE V

55° 30'
5
4
3
2
1
Klawli
Creek
Squawf Lk
River
Gillis
Tsaydaychi Lake
Tsaydaychi
Ck
Wudtsi Lake
Valleau
G
E
S
T
A
I
N
Klawli Lake
River
Moosmo
Creek
Ahdatay Lake
Ahdatay
LUC GROUP
Klawli
Klaudetelle Lake
Klaudetelle
Creek
55°15'
N
LAKE
LAKES
CHUCHI
FAR GROUP
Creek
MT
ALEXANDER
Witch
Marie
P
L
A
T
JEAN GROUP
Jean
CASSIAR DISTRICT
125°00'
124°45'
124°30'
LEGEND
CONGLOMERATE
GRANITIC INTRUSIVES
LIMESTONE
ARGILLITE
VOLCANICS
PROSPECTING AREA
Cu PPM SILT & SOIL SAMPLES
inches
centimetres
NBC SYNDICATE
CHUCHI-TCHENTLO LAKE
PROSPECTING AREA
Scale 1:50,000
DEC. 1968
1969
PLATE VI
N.B.C. SYNDICATE
Scale 1:50,000
93N-2&7


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


Old Hogem
RIVER
O M I N
H O G
Silver Ck
Twenty Mile
Kenny Ck
Creek
Groundhog Ck
Dream Ck
Kwanika Ck
Kwanika
TWIN GROUP
ROCK GROUP
6567
3000
3500
4000
4500
5000
55°45'
55°30'
125°30'
125°00'
LEGEND
7 - HORNFELS
6 - PORPHYRITIC INTRUSIVES
5 - SYENITIC INTRUSIVE
4 - DIORITIC INTRUSIVE
3 - ULTRABASIC
2 - LIMESTONE
1 - VOLCANICS
67 - SILT SAMPLE, TOTAL COPPER PPM
N.B.C. SYNDICATE
KWANIKA CREEK PROSPECTING AREA
Scale 1:50,000
DEC. 1968
1969
PLATE VIII
N.B.C. SYNDICATE
Scale 1:50,000
93 N-11 & 14


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
PACK TRAIL
ROCK CREEK
N
LEGEND
3 - INTRUSIVE DYKES, ANDESITE TO DIORITE
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.
N.B.C. SYNDICATE
ROCK CLAIM GROUP
93/N-11
GEOCHEMISTRY & GEOLOGY
TOTAL COPPER PPM
PAGE & COMPASS
SCALE 1" = 200'
JULY 1969
PLATE IX



N.B.C. SYNDICATE

TWIN CREEK AREA

93/N-11

GEOLOGY

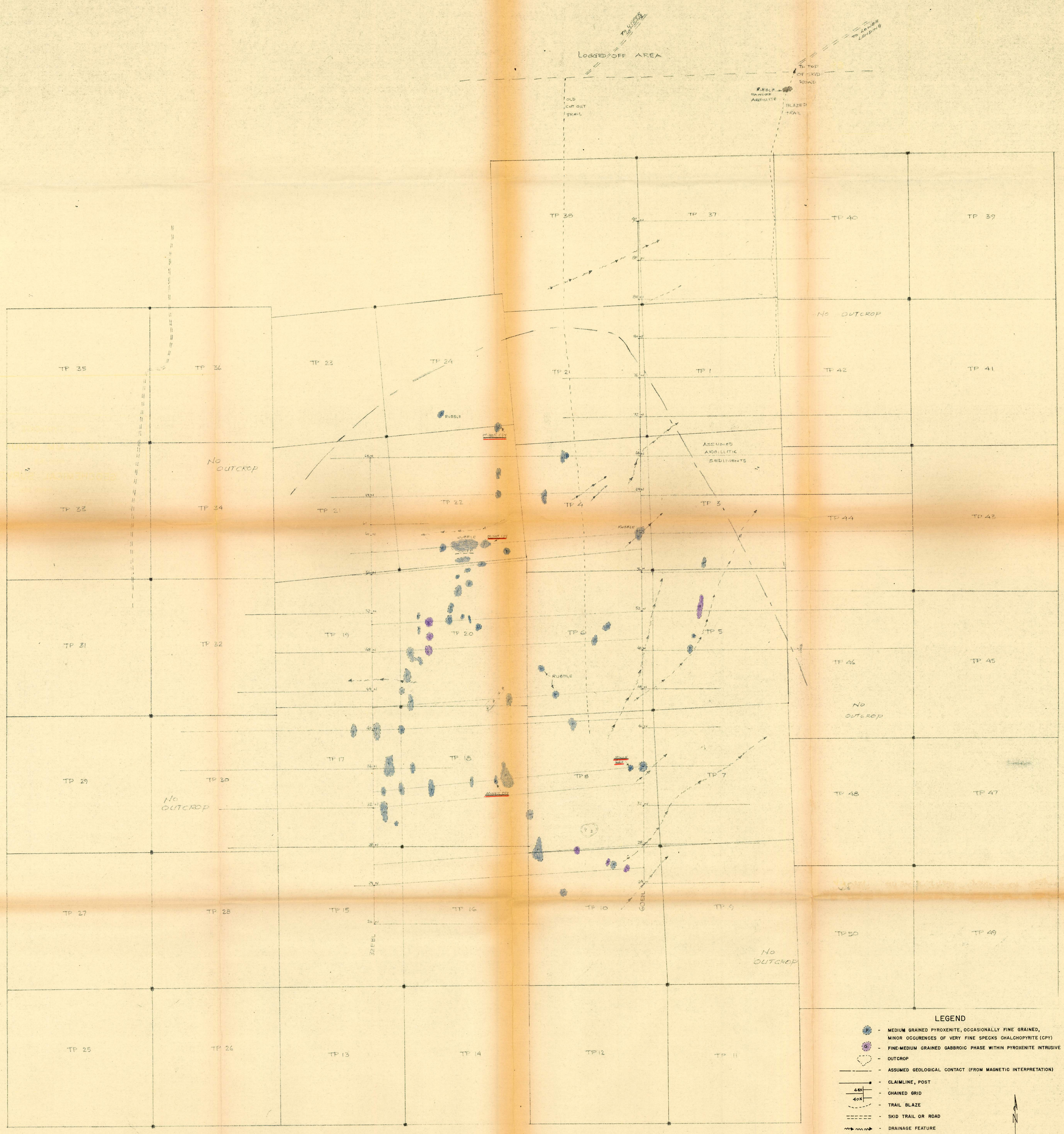
SCALE 1" = 400'

AUG. 1969

PLATE X

NORTHWEST ARM
TAKLA LAKE
WEDGE MTN.
LAKE
LEGEND
11 - SYENITE fine-medium grain, pink
10 - MONZONITE medium grain
9 - DIORITE fine grain
8 - GABBRO
7 - OLDER DIORITE
6 - HORNFELS
5 - ANDESITE
4 - ARKOSE
3 - ARGILLITE
2 - GREYWACKE
1 - CONGLOMERATE
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.
BRITISH COLUMBIA GEOLOGICAL SURVEY
N.B.C. SYNDICATE
TAKLA CLAIM GROUP
93/M-1
GEOLOGY
SCALE 1" = 500'
AUG. 1969

PLATE XI



N.B.C. SYNDICATE

T.P. CLAIM GROUP

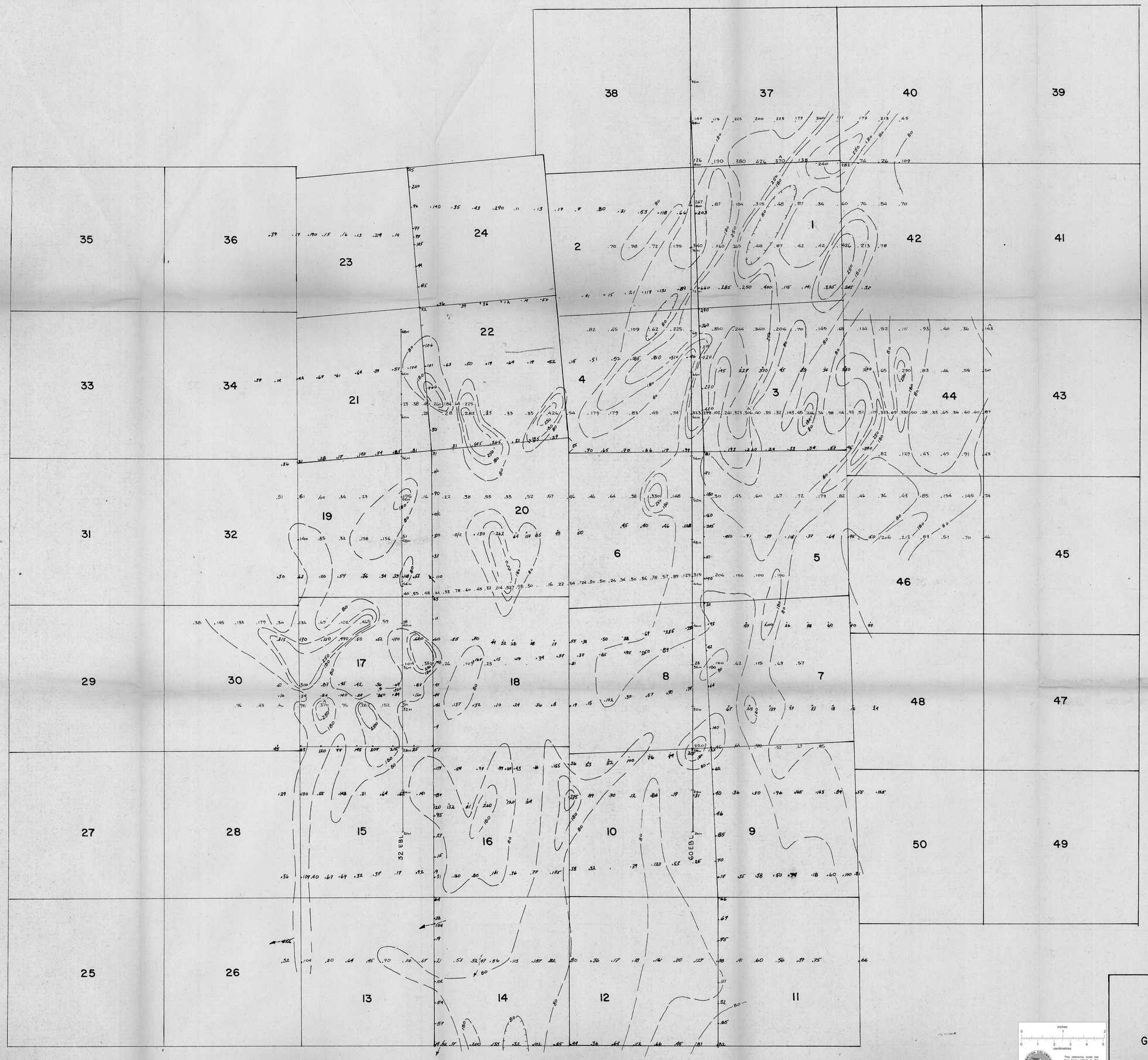
93/G-8,9

GEOLOGY

SCALE 1" = 400'

SEPT. 1969

PLATE XII



N.B.C. 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 original image. It can be used as a reference for the original size.

PLATE XIII