

REPORT ON 1974 FIELD WORK

(GEOLOGICAL, GEOCHEMICAL)

TAP MINERAL CLAIM GROUP

Watson Lake Mining District
Yukon Territory

Latitude : 62°30'N
Longitude : 129°37'W

N.T.S. 105-I-5, 105-I-12

Fieldwork carried out in
period June 20th - July 4, 1974

By:

T. J. Adamson

DYNASTY EXPLORATIONS LIMITED

December, 1974

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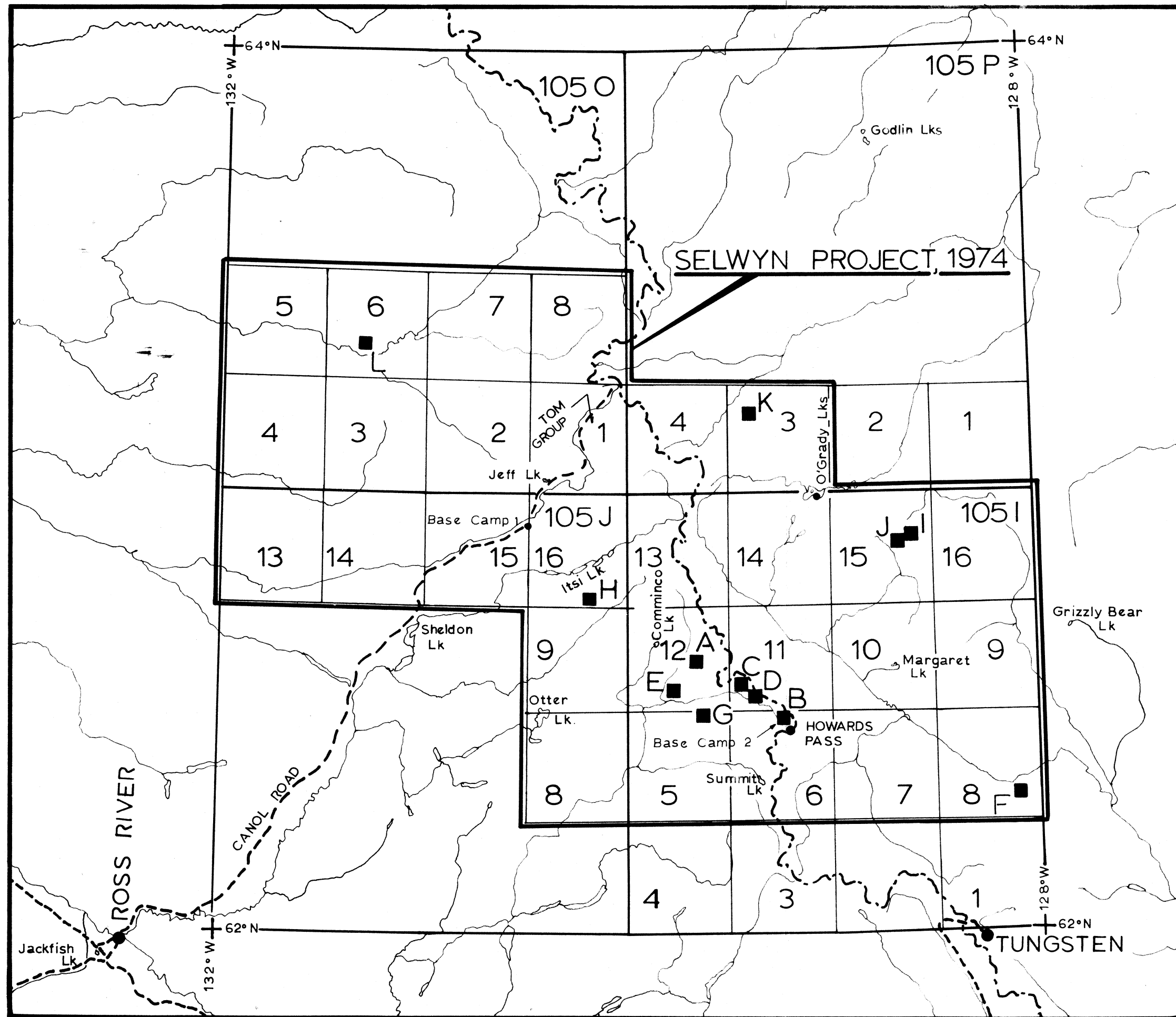
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LIST OF CLAIMS

<u>Claim</u>	<u>Claim Number</u>	<u>Grant Number</u>	<u>Recording Date</u>
TAP	21-76	Y73806-Y73861	July 25th, 1973
TAP	100-113	Y74036-Y74049	Aug. 24th, 1973
TAP	<u>200-231</u>	Y74050-Y74081	Aug. 24, 1973
Total	102 claims		



DYNASTY EXPLORATIONS

SELWYN PROJECT-1974

CLAIM GROUPS:

A: Prevo

B: Pas

C: Gull and Dyn

D: Dea

E: Tam

F: Barbi

G: Tap

H: Ms

I: Sand

J: Gun

K: Kee

L: Scot

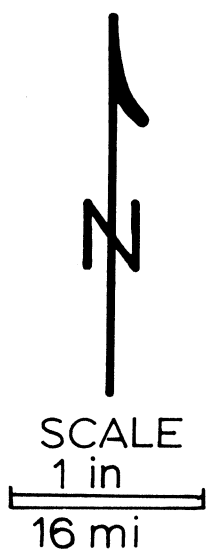
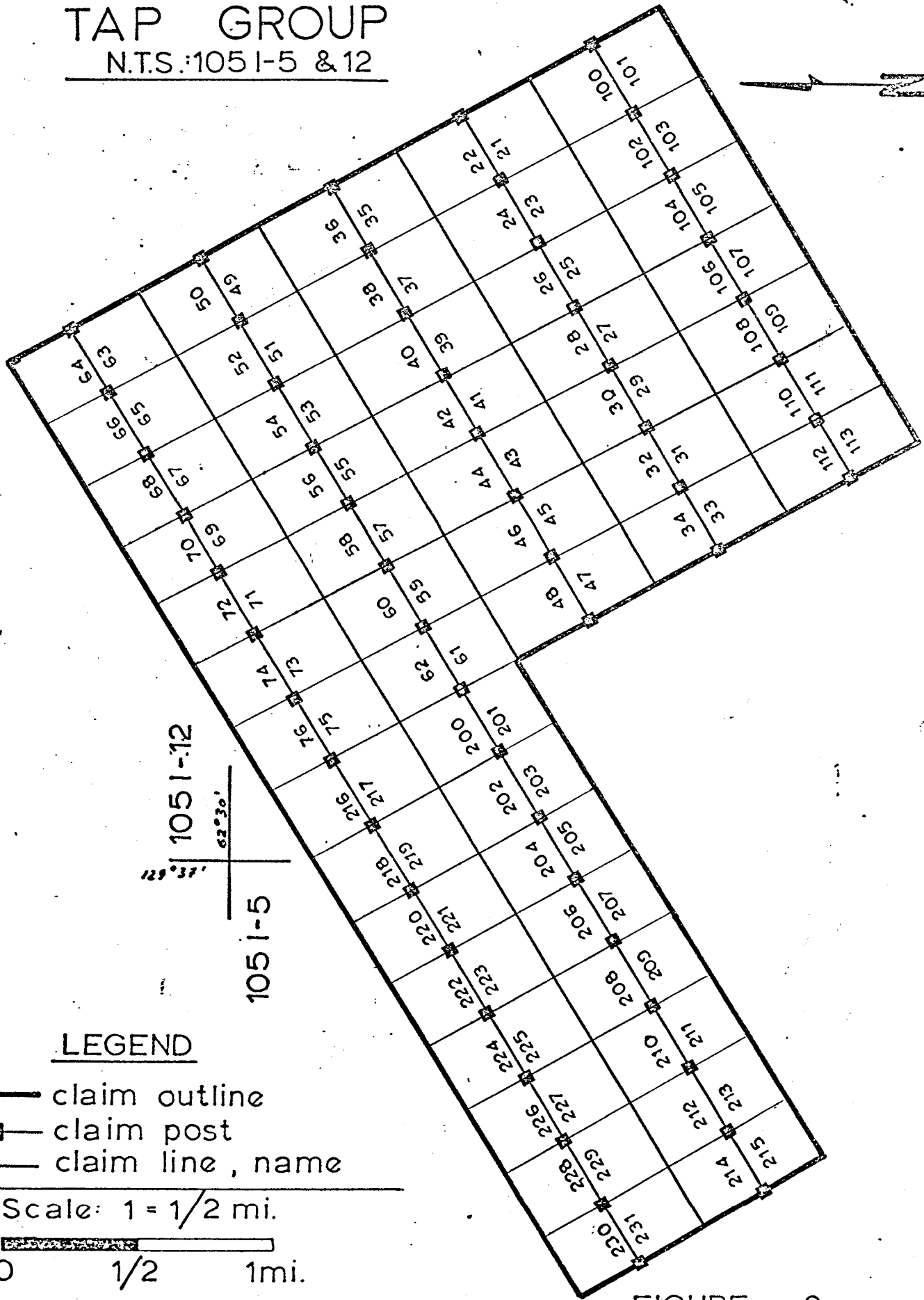


FIGURE 1:
Index Map
Claim Groups

DYNASTY EXPLORATIONS LTD.

TAP GROUP

N.T.S.:1051-5 & 12



LEGEND

- claim outline
- claim post
- claim line, name

Scale: 1 = 1/2 mi.

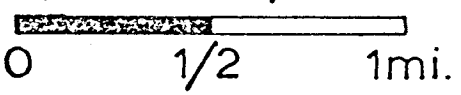


FIGURE: 2

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

REPORT ON 1974 FIELD WORK (GEOLOGICAL, GEOCHEMICAL) TAP MINERAL CLAIM GROUP

INTRODUCTION

The Tap Group was staked by Dynasty Explorations Limited in July and August, 1973, in response to a reconnaissance survey geochemical sample of gossan that ran 22,000 ppm zinc. The gossan is of the transported variety and occurs in the flat area near the major creek on claim Tap #35 and Tap #36. The source of the metal was apparently from the southwest.

During 1973, very little prospecting or mapping was done in the claim group area. Reconnaissance silt and soil sampling were completed in the general vicinity of the Tap claims. A widely spaced, flagged, soil sample grid (1000 ft. line spacing, 500 ft. sample spacing) was established on the Tap claims, to the southwest of, and covering, the probable source area of the zinc-rich gossan on claims Tap #35 and #36.

The results of the 1973 geochemical sampling were interpreted on the basis of lognormal probability plots of the geochemical data (see "Geochemical Report - Tap Claim Group", by C. I. Godwin, November, 1973).

The detailed statistical analysis of the 1973 Tap Group data suggested that two zinc anomalies, in soils, and not hydromorphic in character, existed within the soil grid area. Silt values for zinc are high throughout the area, and are high in comparison to the soil zinc response. However, the zinc response in silts is not entirely hydromorphic in character because it often goes from low values at stream tops, to locally high values, to low

values again down stream. The high silt results coincide, in places, with soil areas anomalous in zinc. Statistically anomalous lead and copper soil values are coincident with much of the main zinc soil anomalies. However, the absolute values of strongly anomalous copper and lead results are very low.

It was thought that the soil anomalies may be reflecting stratiform sphalerite mineralization in a black shale-limestone-barite environment.

During the 1974 field season, picket grids were established over the two main areas of interest. Detailed geological mapping, prospecting and geochemical sampling were carried out within the grid area. This work was completed by a two-man crew (junior geologist, sampler) in the period June 20th - July 4th.

LOCATION AND ACCESS

The Tap Mineral Claim Group is situated approximately 99 miles east-northeast of the settlement of Ross River, in the Yukon Territory, on N.T.S. Map Areas 105-I-5 and 105-I-12, at approximately 62°30'N and 129°37'W. The property straddles the treeline at an average elevation of approximately 4,500 feet.

Access to the property is by helicopter. The 1974 Tap Group camp was mobilized by helicopter from the Selwyn Project first base camp at Mile 250 on the North Canal Road. Subsequent supply flights were from the second Selwyn Project base camp situated on the Pas claims to the east.

LINECUTTING

Two closely adjacent picket grids were established by chain and compass covering the two geochemical targets within the area of the 1973 soil sampling. For both grids, base lines trend 150°, line spacing is 400 ft., and station spacing

is 100 ft. Grid A has a total footage of 66,500 ft. (12.6 miles) and Grid B has a total footage of 21,200 ft. (4 miles).

GEOLOGY (See Figure 5)

The Tap Group is underlain by G.S.C. Unit 18 (Devonian-Mississippian), consisting in the Tap area of black chert, black shale and light grey chert granule to chert pebble conglomerate.

The most extensive unit, and the one that forms the main ridges in the vicinity of Tap #26 and Tap #39 within Grid Area A, is a blocky, thick bedded black chert which is characterized by minor thin fracture fillings of honey coloured barite. The apparent thickness of this unit is increased by at least one and probably several folds. Occurring wholly within the black chert unit is an up to 30 foot thick bed, and several thinner beds, of grey weathering, black, very baritic limestone.

Adjacent and to the north of the chert is a unit of undifferentiated rusty weathering black argillite and black shale (400-500 ft. thick). A number of thin, soft, weathered shaly horizons are very limonitic. No sulphides were encountered. To the north of this unit, are interbedded shale and chert units of lesser thickness. Chert pebble conglomerate outcrops to the north of the detailed grid area.

Throughout the area, the strike is close to 110° and dips are generally steep to vertical.

A near vertical northeast trending fault, on Tap #26, #37 and #39, is roughly perpendicular to bedding and has an apparent strike-slip movement of about 200 ft. Intense brecciation and gouge is seen across 20-30 ft. in the fault zone. The fault

zone and immediately adjacent country rock is very rusty weathering. The baritic limestone beds show alteration for a further distance away from the fault than the other rock units. The rusty brown weathering altered baritic limestone has some minor hydrozincite coating in and adjacent to the fault. The amount of hydrozincite coating decreases with distance away from the fault.

Two rock samples of float of gossanous baritic limestone in the fault area assayed 3.12% and .66% zinc respectively. Two samples of fresh baritic limestone, 600 ft. and 1000 ft. removed from the fault zone, assayed .09% zinc and .03% zinc. No lead or zinc sulphide mineralization whatsoever was encountered anywhere in this area.

There is no outcrop exposure within the limits of the smaller Grid B which lies immediately southwest of Grid A.

GEOCHEMISTRY (See Figures 6, 7)

A total of 789 grid soil and silt samples were collected on the two Tap detail grid areas during the 1974 field season. These samples were analyzed for copper, lead and zinc at the Acme Analytical Laboratories' lab at Ross River, Y.T. (head office at 6455 Laurel Street, Burnaby 2, B.C.).

Samples were dried and then screened. The minus 80 mesh fraction was retained for analysis. Sample digestion was in hot aqua regia, and analysis was by an atomic absorption procedure.

Sample results for copper, lead and zinc are reported in parts per million and are plotted on Figures 6 and 7.

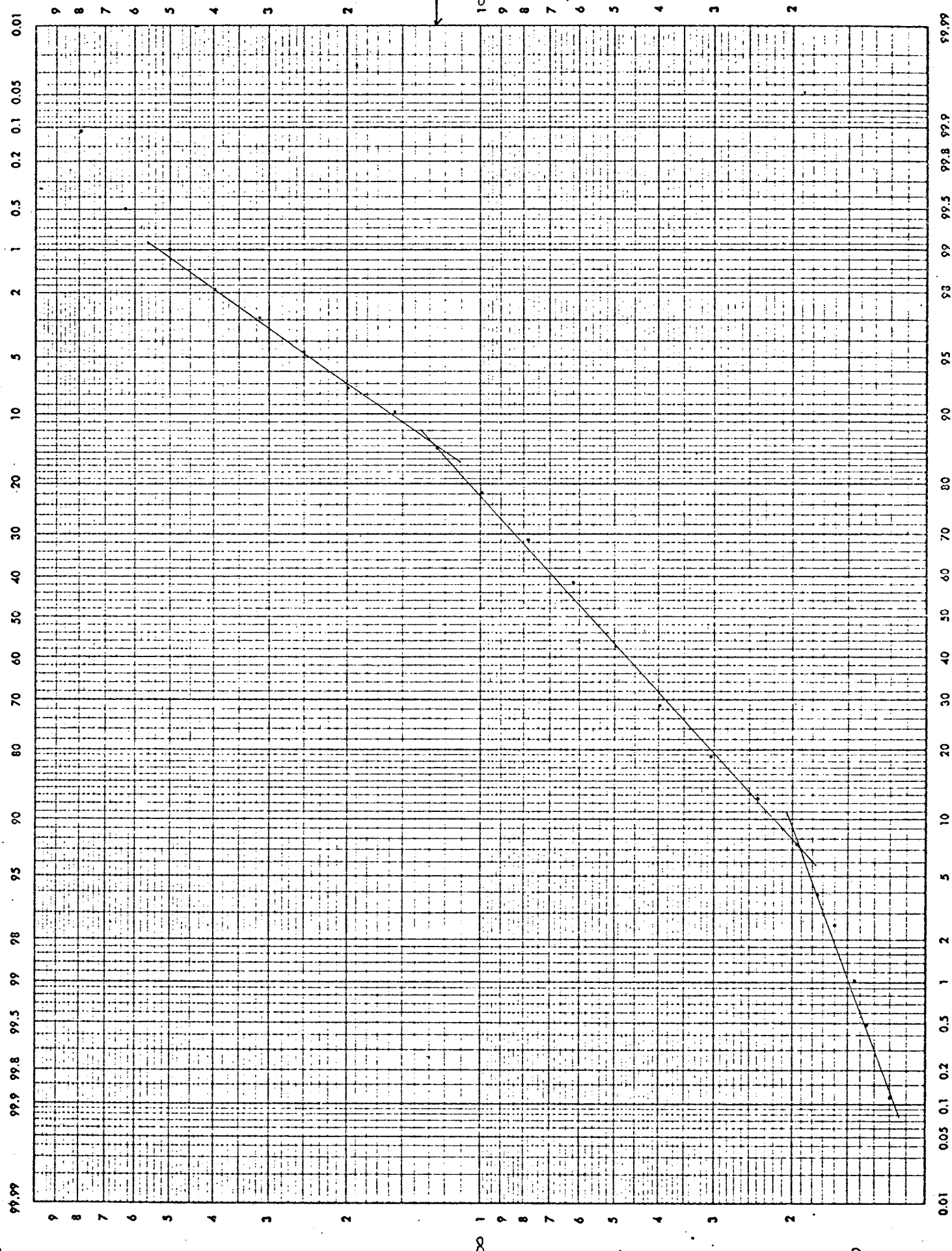
Cumulative frequency tabulations were made of all copper and zinc soil results. Lognormal probability plots based on these tabulations are shown in Figures 3 and 4.

The lognormal probability plot for copper soils shows a distinct "break" at 125 ppm (85% cumulative frequency level) with straight lines above and below this point. The soil results are contoured at 125 ppm and 250 ppm. A large irregular zone anomalous in copper is centred on the black chert unit adjacent to and southeast of the major fault. Outcrop, in situ rubble, and talus are abundant in this area. No trace of copper mineralization was seen. The anomaly is unexplained. A number of other small, low magnitude copper anomalous areas are scattered throughout the grid area.

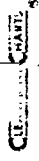
The lognormal probability plots for zinc soil results also shows a single sharp "break", occurring at a value of 800 ppm (90% cumulative frequency level). Zinc results are contoured at 800 ppm and 1500 ppm. The probability plot of the limited number of 1973 soil values suggested that the zinc soil values formed a single lognormal population. However, the 1974 results definitely form two populations. In Grid Area A, anomalous zinc results are found coincident with the fault zone and in a number of small pods along and downslope from the baritic limestone horizons. Other small zinc anomalies (usually only a single value) are scattered throughout the area. In Grid Area B, a strong linear zinc anomaly follows the main creek which traverses the area. This anomaly occurs in a swampy, base-of-slope environment and is thought to be hydromorphic in nature. The 1974 silt sample results for zinc are very high throughout the Tap area and are very high in comparison to the soil values. Similar results were obtained during 1973.



COPPER IN SOILS - 1974 TAP GRID



125 ppm



Zinc in Soils 1974 TAP GRID.

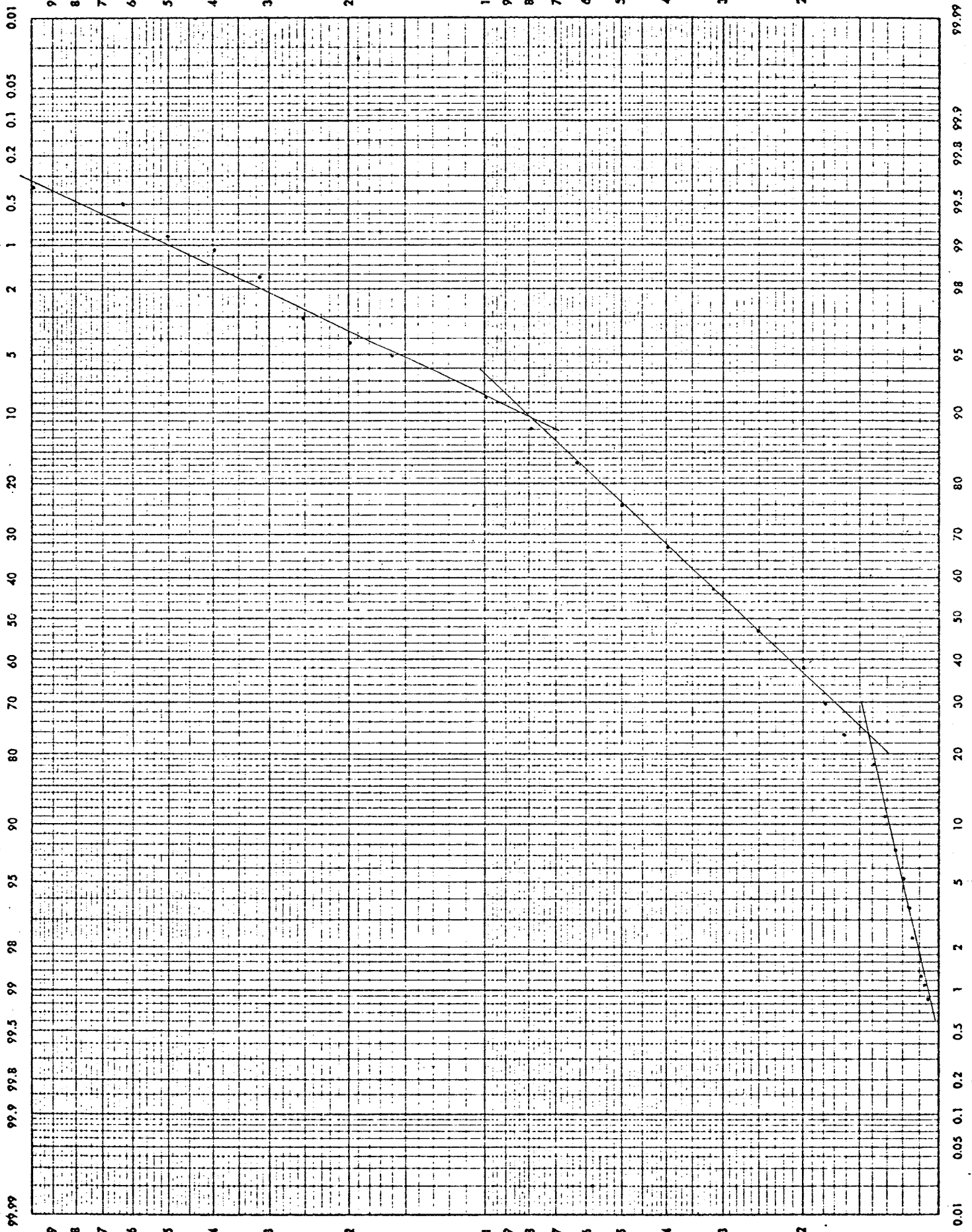


Fig 4

Lead results in soils are low throughout Grid Area A. A number of high lead values are scattered within the northwest end of Grid Area B. These anomalous values are generally not coincident with anomalous copper or zinc results. There is no outcrop in this area.

CONCLUSIONS AND RECOMMENDATIONS

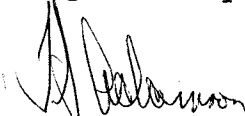
Grids were established over the best 1973 geochemical targets on the Tap claims. Prospecting, mapping and detailed geochemical sampling were carried out within these grid areas.

The 1974 results did not define any targets on which further work is justified. Very minor zinc mineralization was discovered in Grid Area A associated with a strong fault zone. This fault zone is upslope from the transported gossan area discovered in 1973 and is the probable source of the high zinc concentration found in this gossan.

The strong zinc anomaly in soils in Grid Area B is probably hydromorphic, occurring in a swampy, base-of-slope environment.

Silt sample zinc results are very high throughout the area compared to soil values. The reason for this is not known. It is possible that the pH of the soils is more acid than the pH for streams in this area. No testing of soil pH was done.

Respectfully submitted,



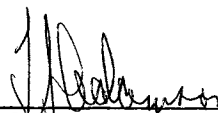
Thomas J. Adamson,

December, 1974,

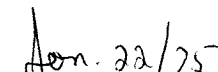
QUALIFICATIONS

I, THOMAS J. ADAMSON, of 3842 West 23rd Avenue, Vancouver, B.C., hereby certify that:

1. I am a graduate of the University of British Columbia, (B.Sc., Geology, 1967).
2. I have been engaged in mining exploration in Canada, as a geologist, since 1967.
3. I am an Associate Fellow of the Geological Association of Canada.
4. I have been employed by Dynasty Explorations Limited for a total of six years, the latest period since January, 1973.
5. I personally supervised work on this property during the 1974 field season.



Thomas J. Adamson



Date

LIST OF PERSONNEL

T. J. Adamson	Geologist-Party Chief	330-355 Burrard St., Vancouver, B.C.
Steven Earle	Jr. Geologist (Tap Group field work)	2058 - W. 8th, Vancouver, B.C.
Douglas Davis	Geochem Sampler	1102 Vista Heights, Victoria, B.C.

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, THOMAS J. ADAMSON, Geologist, Dynasty Explorations Limited, of Vancouver, British Columbia, do hereby State that, to the best of my knowledge and belief, the statement of costs presented in this report (Report on 1974 Field Work (Geological, Geochemical) Tap Mineral Claim Group) is both correct and true.

Thomas J. Adamson

Date

Notary Public in and for
the Province of British Columbia.

NAME Tap - S & W

CARD NO.

Schedule B

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
APR 74	0	1 1	2 6 5 0 9 ✓		2 6 5 0 9	
JUN 74	0	1 1	8 2 1 0 9 ✓		1 0 8 6 1 8	1 2 1 8 1 9
JUL 74	0	1 1	3 6 7 2 4 ✓		1 4 5 3 4 2	1 5 8 5 4 3
AUG 74	0	1 1	2 1 4 3 8 ✓		1 6 6 7 8 0	1 7 9 9 8 1
OCT 74	0	1 8	4 8 4 8		1 7 1 6 2 8	1 8 4 8 2 9

Summary of Salaries & Wages

Name	Total
Tom Adamson	315.76
Doug Davis	445.16
Steve Earle	<u>689.35</u>
	1450.27
Non Wage Labor Costs @ 15%	217.53
Distributed Wages	<u>48.48</u>
	<u>1716.28</u>

NAME Tap Assays
.....
.....

CARD NO.

Schedule C

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
8 JUL 74	0	ACME ²⁶⁰⁸ 3013	1 0 8 0.5 1 ✓		1 0 8 0.5 1	1 2 1 2.6 2
1 JUL 74	0	ACME 2608	3 9 2.4 1 ✓		1 4 7 2.9 2	1 6 0 5.0 3
1 JUL 74	0	WHT. Assay 2690	2 2 9 5		1 4 9 5.8 7	1 6 2 7.9 8

NAME *Tap. - Field Equip + Supplies*

CARD NO.

Schedule D

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
31 MAY 74		OBC. Indust. 2 4.3 1	3 3.0 0		3 3.0 0	1 6 5.1 2
1 MAY 74	0	5	1 3 5.4 7		1 6 8.4 7	3 0 0.5 9
9 JUN 74		OBC. Indust. 2 5.0 0	1 4.7 0		1 8 3.1 7	3 1 5.2 9
0 JUN 74	0	" " 2 5.0 0	6 1.4 0		2 4 4.5 7	3 7 6.6 9
0 JUN 74	0	" " 2 5.0 0	1 9 7.1 9		4 4 1.7 6	5 7 3.8 8
0 JUN 74		OPEAKING Equip 2 5.6 9	2 7.2 0		4 6 8.9 6	6 0 1.0 8
0 JUN 74		O.K. STORE 2 5.5 8	2 5.4 2		4 9 4.3 8	6 2 6.5 0
0 JUN 74	0	" " 2 5.5 8	7.5 0		5 0 1.8 8	6 3 4.0 0
JUN 74	0	2		1 3 5.4 7	3 6 6.4 1	4 9 8.5 3
17 SEP 74		O.T. ROBINSON 2 7.9 7	4 0.8 6		4 0 7.2 7	5 3 9.3 9
31 OCT 74	0	1 8	5 6.2 6		4 6 3.5 3	5 9 5.6 5
1 OCT 74	0	1 8	3 8 1.1 6		8 4 4.6 9	9 7 6.8 1
1 OCT 74	0	2 4		3 8 1.1 6	4 6 3.5 3	5 9 5.6 5

NAME . . . Tap . . . Camp Maint . . .

CARD NO.

Schedule E

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
10 JUN 74	0	R.R. STORE 2 5 5 8	4 9 . 4 1		4 9 . 4 1	1 8 1 . 5 4
0 JUN 74	0	" " 2 5 5 8	1 1 5 . 7 2 ✓		1 6 5 . 1 3	2 9 7 . 2 6
31 OCT 74	0	2 4	E 3 8 1 . 1 6 ✓		5 4 6 . 2 9	6 7 8 . 4 2

132-14

NAME Tap. - Fuel

CARD NO.

Schedule F

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
JUN 74	0	5	1 8 1.5 0		1 8 1.5 0	3 1 3.6 4
31 JUL 74	0	WHT. Pass Rec. 2 6.8 6	1 1 5.9 6 ✓		2 9 7.4 6	4 2 9.6 0
31 JUL 74	0	2		1 8 1.5 0	1 1 5.9 6	2 4 8.1 0
31 OCT 74	0	1 8	F ₁ 1 4 6.8 6 ✓		2 6 2.8 2	3 9 4.9 6

NAME Tap - Rotary Wing

CARD NO.

Schedule G

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
0 JUN 74	0	DTNTH 2 5.5 6	1 4 5.0 0	✓1.0	1 4 5.0 0	2 7 7.1 5
0 JUN 74	0	2 5.5 6	4 3 5.0 0	✓3.0	5 8 0.0 0	7 1 2.1 5
JUN 74	0	5	2 9 7.5 0	Ⓣ	8 7 7.5 0	1 0 0 9.6 5
31 JUL 74	0	2 4.4 7	1 3 0.5 0	✓9	1 0 0 8.0 0	1 1 4 0.1 5
31 JUL 74	0	2 4.4 7	1 0 1.5 0	✓7	1 1 0 9.5 0	1 2 4 1.6 5
1 JUL 74	0	2 4.4 7	2 0 3.0 0	✓1.4	1 3 1 2.5 0	1 4 4 4.6 5
11 JUL 74	0	2	7.0	Ⓣ 2 9 7.5 0	1 0 1 5.0 0	1 1 4 7.1 5
31 OCT 74	0	1 8	1 9.3 3		1 0 3 4.3 3	1 1 6 6.4 8

7.0 x 145 = 1015.00

132-16

NAME . . . Tap. - Fixed Wing . . .

CARD NO.

Schedule H

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
0 JUN 74	0	TERR AIR 25.79	254.68 ✓		254.68	386.84
1 JUL 74	0	TNTA 24.47	16.64		271.32	403.48
11 OCT 74	0	18	62.88		334.20	466.36

NAME *Temp. - Misc. Transp.*

CARD NO.

Schedule I

DATE	Ø	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
31 MAY 74	0	5	35.15		35.15	167.31
24 JUN 74	Ø	<i>CANCEL LET.</i> 2536	35.64		70.79	202.96
JUN 74	0	2		35.15	35.64	167.81
JUN 74	0	5	4.00		39.64	171.81
31 JUL 74	0	2		4.00	35.64	167.81
27 SEP 74	Ø	<i>OK low since 11/10/74</i> <i>P. Anderson</i> 2797	115.28 ✓		150.92	283.09
31 OCT 74	0	18	56.03		206.95	339.11

DYNASTY EXPLORATIONS LTD.

SELWYN PROJECT-1974

TAP GROUP

SOIL GRID GEOLOGY

GRID A

SCALE: 1" = 200'

DATE: NOVEMBER 1974

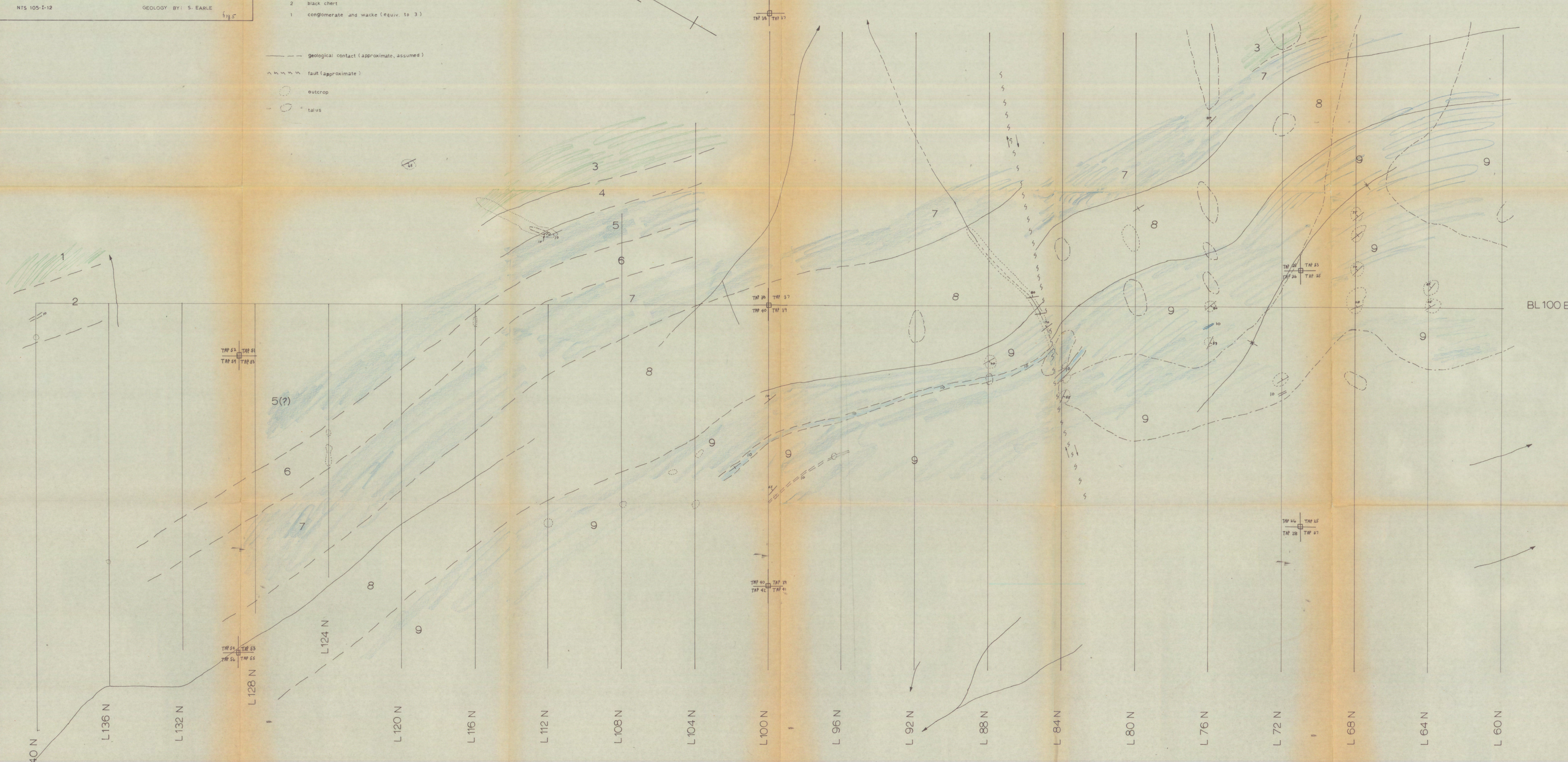
NTS 105-I-12

GEOLOGY BY: S. EARLE

Fig 5

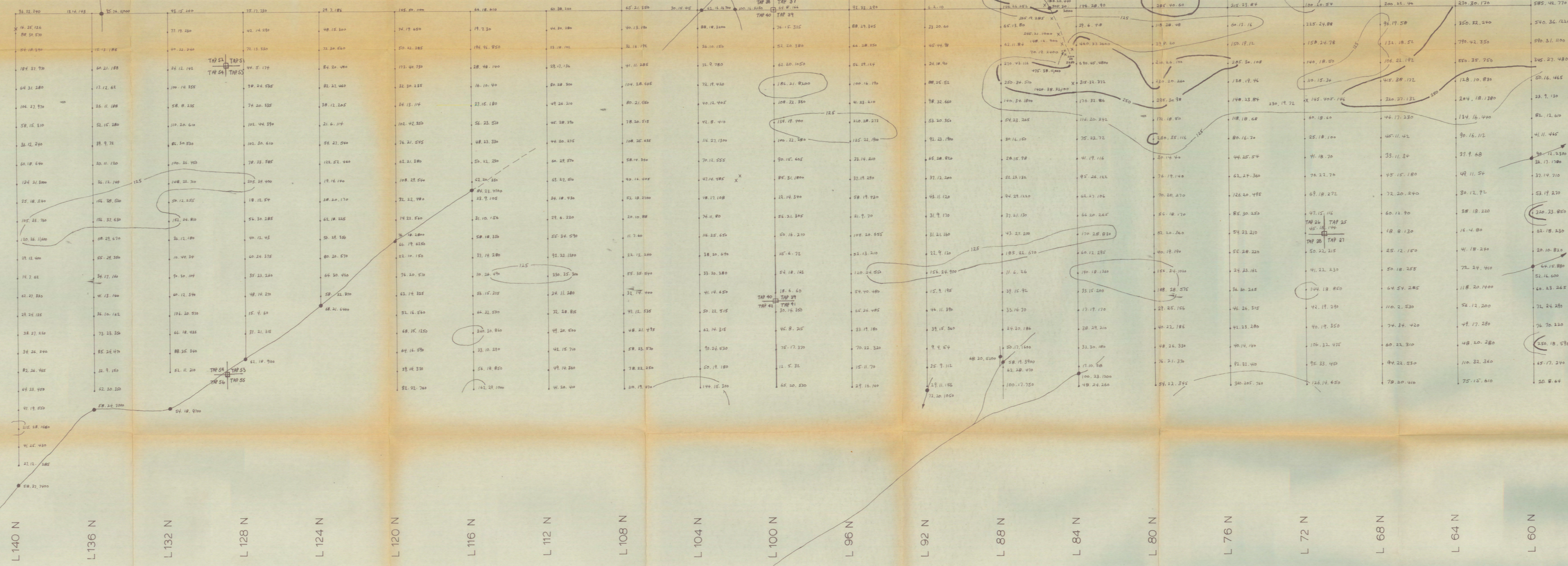
UNIT	DESCRIPTION
10	grey-weathering, black baritic limestone
9	black chert, with brown vein and fracture filling barite
8	rusty weathering, black shale and argillite
7	black chert with barite (equiv. to 9)
6	" shale and argillite(" " 8)
5	" chert with barite (" " 9)
4	" shale and argillite(" " 8)
3	light grey granule to pebble chert conglomerate and chert wacke
2	black chert
1	conglomerate and wacke (equiv. to 3)

- geological contact (approximate, assumed)
- ~~~~~ fault (approximate)
- outcrop
- talus

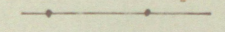
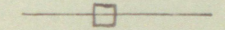
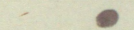
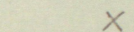
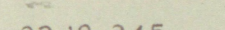
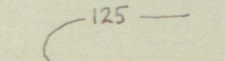



BL 100 E

GRID A



LEGEND

-  SOIL GRID
-  CLAIM POST
-  SEDIMENT SAMPLE
-  ROCK SAMPLE
-  SOIL SAMPLE RESULTS: Cu, Pb, Zn (ppm)
-  COPPER CONTOUR 125 ppm
-  COPPER CONTOUR 250 ppm

GRID B
BL 55 E

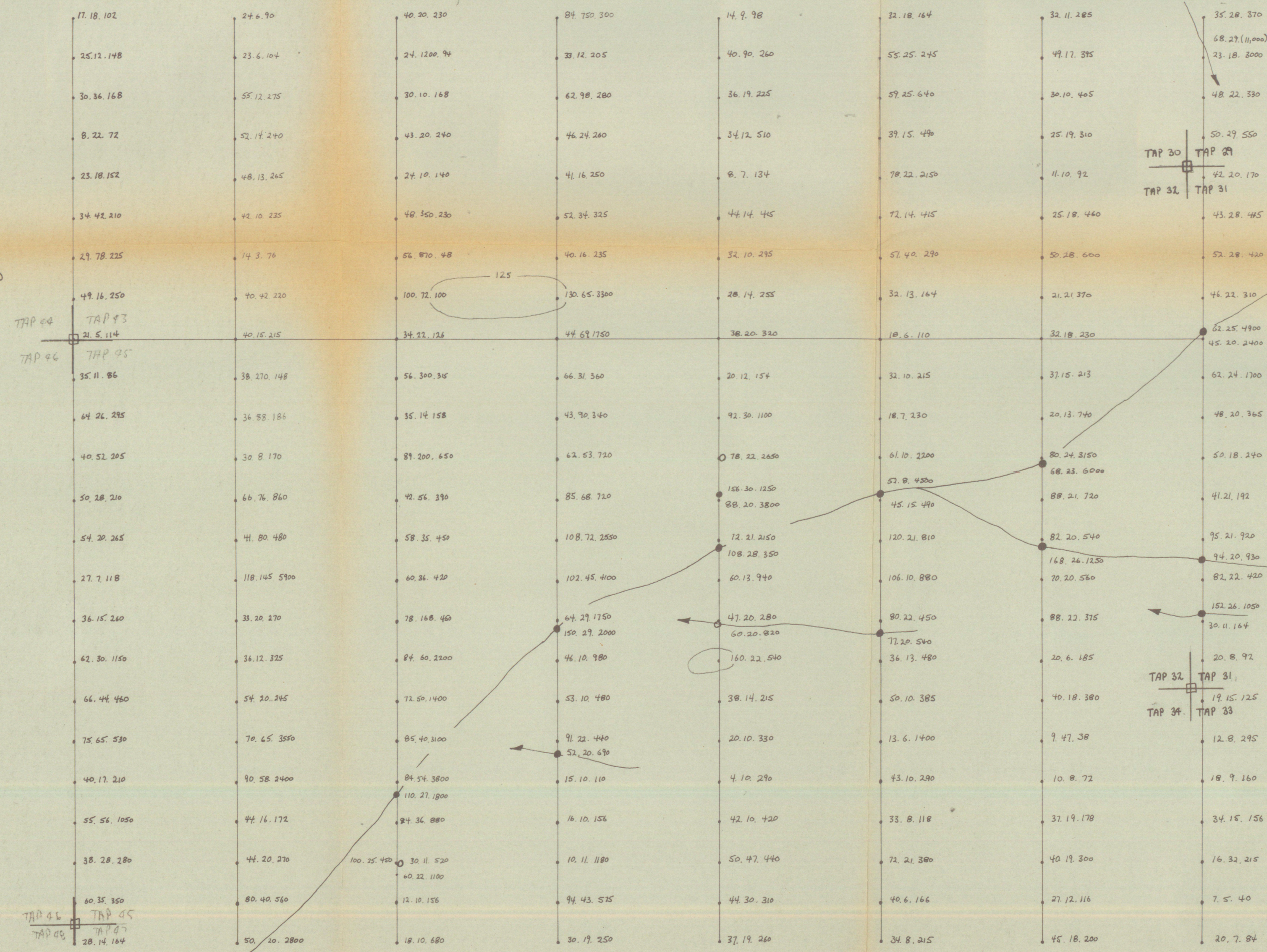


Fig 6

DYNASTY EXPLORATIONS LTD.	
SELWYN PROJECT - 1974	
TAP GROUP	
DETAILED SOIL GRIDS	
Cu CONTOURS	
SCALE: 1" = 200'	DATE: NOVEMBER 1974
NTS 105-1-12	S. EARLE

Fig 6