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GEOFOTO MINERALS REPORT 1973/12

GEOLOGICAL INVESTIGATION OF THE
NORTH SCAMANDER PB/ZN PROSPECT,
E.L.6/68, N.E. TASMANIA

Prepared by

GEOFOTO RESOURCES CONSULTANTS

for

TEXINS DEVELOPMENT PTY. LIMITED

A.C. Johnston

1973

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CONTENTS

	Page
ABSTRACT	1
INTRODUCTION	
Location and Access	1
Physiography, Outcrop, Soil	2
Previous Geophoto Work in Area	2
REGIONAL GEOLOGIC SETTING	
Geology	3
Mineralization and Structure	4
GRID GEOLOGIC SETTING	
Geology	5
Structure	6
Mineralization	
1. North Scamander Prospect	8
2. Remainder of Grid Area	12
GEOCHEMISTRY	12
CONCLUSIONS	14
REFERENCES	

APPENDIX I

Geochemical Lab. Sheets Nos. 836/1-18
1219/1-3

APPENDIX II

Drg. A192	Geology, North Scamander
Drg. A193	Soil Geochemistry, Cu Values
Drg. A194	Soil Geochemistry, Pb Values
Drg. A195	Soil Geochemistry, Zn Values

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ABSTRACT

Following the recommendations of Geophoto Minerals Report 1970/26, a geological mapping programme was carried out over the North Scamander area near the latter part of 1972 and during June/July, 1973.

Earlier, during 1971, a grid controlled geochemical programme was undertaken and re-interpretation of these results is included in this report.

From the results of the above survey, it has been concluded that the gridded area, including the old North Scamander prospect, holds little economic potential.

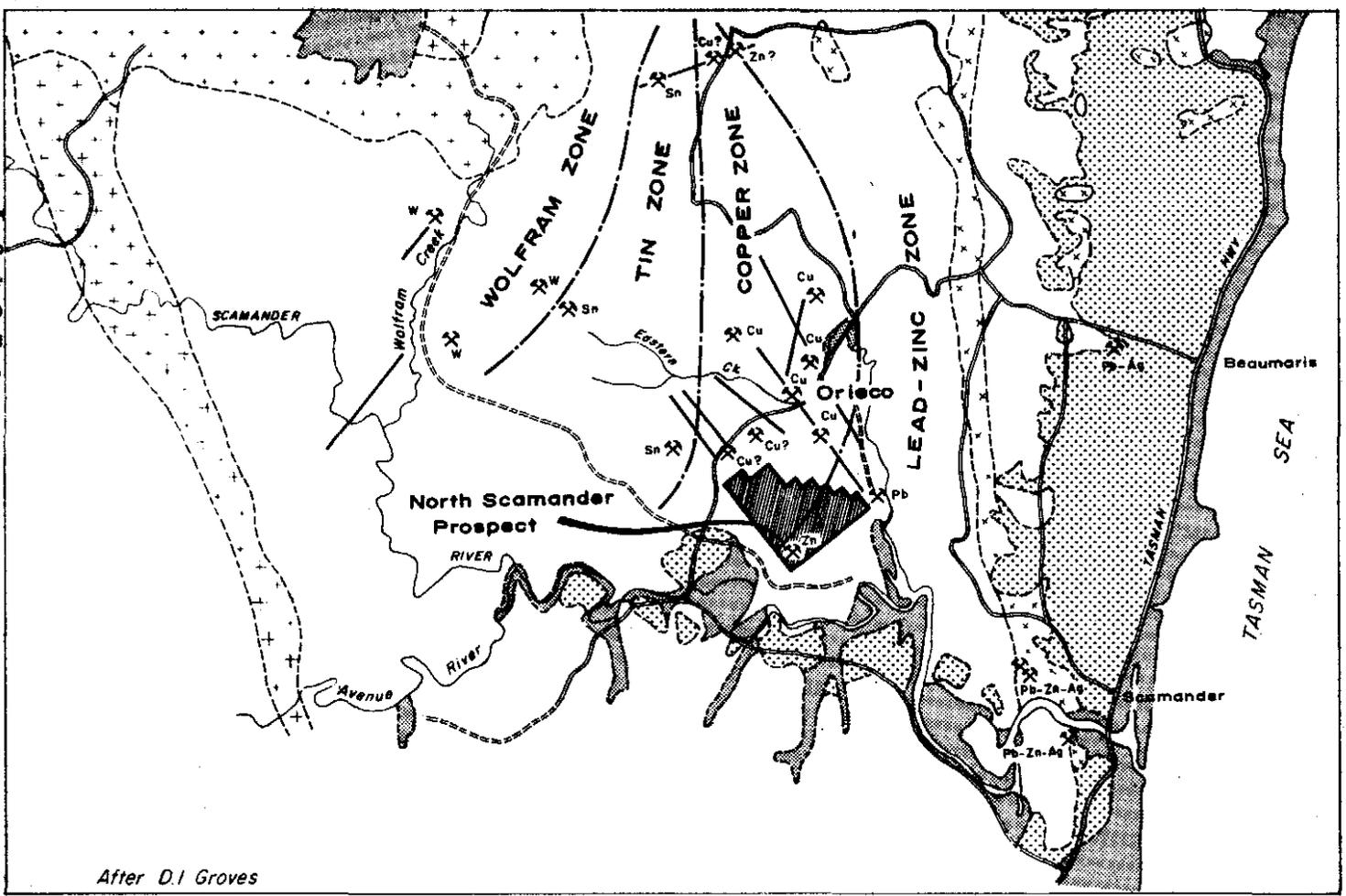
INTRODUCTION

Location and Access (See Figs. 1 and 2)

The gridded area, including the North Scamander prospect is situated approximately three miles N.W. of the township of Scamander and immediately to the north of the Scamander River.

Access is via forestry road and finally bush track (four wheel drive) which turns off from the Tasman Highway at the small settlement of Beaumaris.

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After D.I Groves

LEGEND

- QUATERNARY
 - Alluvium and beach sands
- TERTIARY
 - Sand and gravel
- SILURO-DEVONIAN
 - Mathinna Group
- Igneous Rocks:
 - Fine-grained biotite adamellite and associated acid dykes.
 - Coarse-grained porphyritic biotite adamellite.
 - Undifferentiated biotite adamellite.
 - Hornblende-biotite adamellite.
- DEVONIAN
 - Fault zone
 - Approximate geological boundary
 - Suggested zonal boundary
 - Road
 - Creek
 - North Scamander grid area

- Mine or prospect
- Wolfram lodes
- Tin-bearing lodes
- Copper-bearing lodes
- Lead-bearing lodes
- Zinc-bearing lodes
- Silver-bearing lodes

5 cm

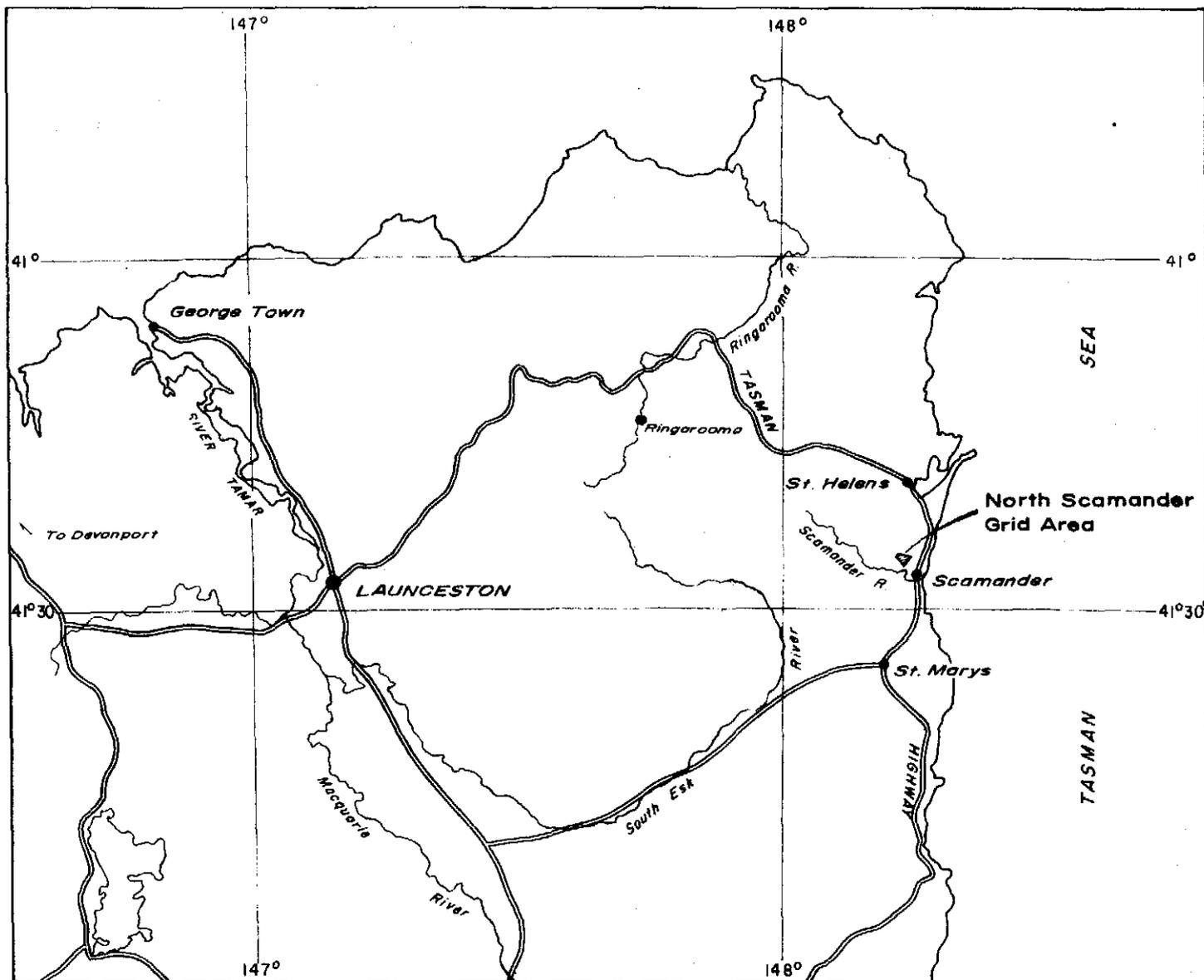
T.N.

Scale: 1:100,000

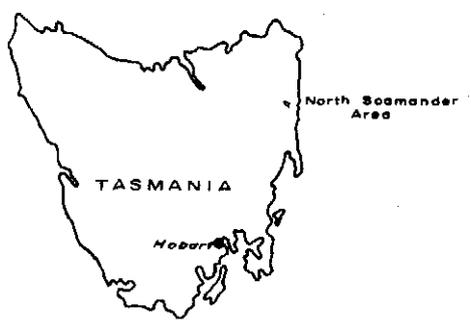
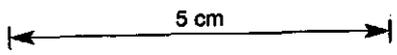
Regional geological setting of North Scamander Area

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Location of North Scamander Area

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Physiography, Outcrop, Soil

The grid area is characterized by a predominantly dendritic drainage pattern with a N.N.W. trending relatively narrow steep-sided ridge the dominating feature.

The larger portion of the grid is devoid of reliable outcrop owing to the extensive residual soil cover. Colluvium between two to three feet commonly forms towards the basement of the steep slopes. Sporadic outcrop occurred on the ridge tops but these are more commonly characterized by more or less in situ blocks of sandstone, quartzose sandstone and/or quartzite. Consequently, good, reliable outcrop was mostly restricted to the many gullies within the grid.

The soil profile is at best, very poorly developed, dominantly consisting of a mixture of basement rock fragments and residual clayey soil.

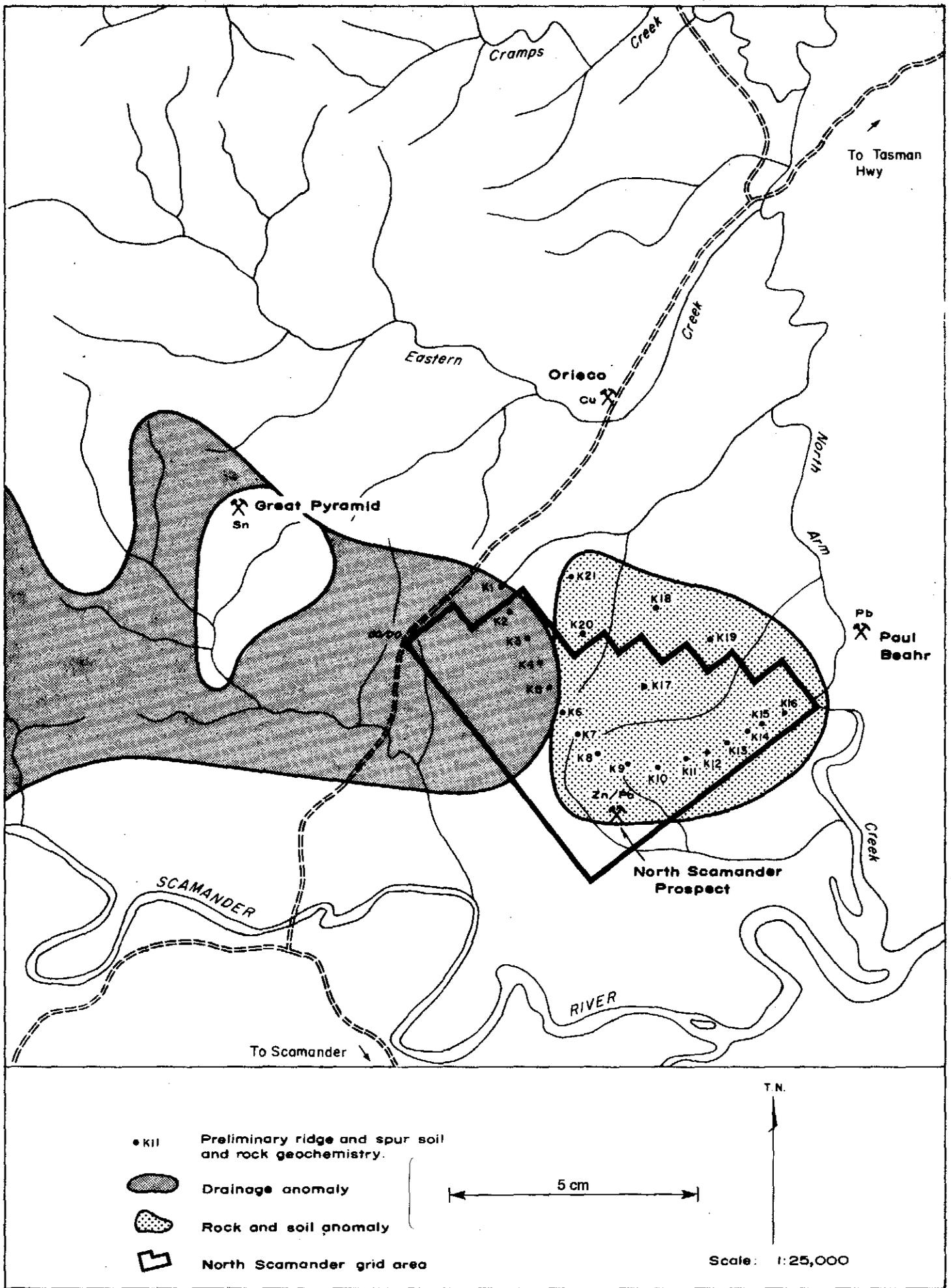
Previous Geophoto Work in Area

Attention was drawn to the North Scamander prospect area following Geophoto Minerals Report 1970/26.

As a result of systematic stream sediment geochemical surveys carried out in the Pyramid area of the Scamander district (Geophoto Minerals Reports 1969/6 and 1969/6 (c)), a wide zone of copper and zinc geochemical anomalies was located (see Figure 3).

A limited amount of follow-up work consisting of rock and soil geochemistry carried out over a "gossanous cap" on a ridge, resulted in some significant Pb values (to 0.21% pb) (see Figure 1).

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Geochemical Surveys of the North Scamander Area

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With the knowledge of the above and no doubt encouraged by the proximity to the Great Pyramid stockwork fracturing mineralized by SnO₂, (then held under option by Aberfoyle Ltd.), the following recommendations were made.

1. The area should be gridded more extensively, commencing about the rock-soil anomaly (now covered by the North Scamander Grid) and extending south to the Great Pyramid leases.
2. Analysis for Sn as well as Cu, Zn, Pb and As is recommended.
3. Geological work should relate to the probability of stockwork deposits by observing density of jointing and fracturing as individual vein deposits within this contact zone may be rich in value but small in tonnage.

The next step was taken in 1971 and included the gridding of above area (5,000 feet base line, turn-offs spaced at 200 feet and pegged, uncorrected for slope every 100 feet for a maximum of 4,500 feet). This grid was soil sampled at 100 foot intervals resulting in a total of 826 samples analysed for Pb, Zn, Cu and Ag.

REGIONAL GEOLOGICAL SETTING (Figure 1)

Geology

The following brief description of the regional setting of the North Scamander area was largely taken from Groves 1972.

The Mathinna beds which locally comprise a sandstone and siltstone sequence with minor interbedded shales, are the

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oldest rocks exposed in the area. These beds have been dated in the Scamander area as Lower Devonian and have been intruded by a suite of Upper Devonian granitic rocks. These igneous rocks form the southern-most extension of the Blue Tier Batholith.

The above spatial distribution of the igneous and sedimentary rocks has led Chesnut 1965 (a) to comment on the apparent "roof-pendant nature of the six mile wide belt of sediments" including the North Scamander area.

Massive beds of quartzite to several metres in the thickness often occur in the area. They are generally regarded as the product of highly silicified sandstones and often, in association with intense stockwork fracturing, are related to mineralization.

Mineralisation and Structure (Fig. 1)

The Middle Devonian Tabberabberan orogeny is regarded as being responsible for the folding of the Mathinna beds.

It is generally held that most of the mineralization in the area is related to probable tension fractures, which are in turn related to regional folding. Later granitic intrusions reopened these fractures allowing passage of the mineralizing solutions.

A series of extensive N.W. faults and/or fault zones occur north of the Scamander River in the Orieco Mine area (supergene enriched copper mineralization) and extend to 3km in length. Generally, however, the mineralized bodies have no preferred orientation but apparently have a wide range of orientations between 20° - 100° .

A distinctive feature of the Scamander Mineral District as first noted by Twelvetrees 1911, is the pronounced mineralogical zonation.

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The mineralization can be divided spatially into five main types of deposit, i.e. (a) wolframite-molybdenite deposits, (b) cassiterite deposits, (c) chalcopyrite-arsenopyrite deposits, (d) galena (Ag bearing) - sphalerite-arsenopyrite-pyrite deposits, (e) gold-silver-arsenopyrite deposits.

The North Scamander prospect belongs to class (d) above but with a section of the gridded area probably transitional between (d) and the copper zone (c).

GRID GEOLOGIC SETTING

The following description is to be used in conjunction with the 1 inch = 200 feet geological map prepared for this area.

Geology

Basically the geology of the gridded area can be considered as belonging to three main lithological groups:

- (a) Dominantly siltstones
- (b) Dominantly sandstones
- (c) Quartzites

(a) The S.W. corner of the grid is characterized by a sequence dominated by grey/dark grey siltstones which strikes on average slightly west of north and dips steeply to the N.E. The siltstone is commonly thinly interbedded with pale grey often quartzose sandstones and to a lesser extent, mudstones and black shales.

(b) The remainder of the grid area is dominated by massive blocky outcrops of pale grey to mauve and brown, fine to medium grained sandstone. Thin interbedded bands of siltstone or shale,

generally of the order of a few inches to a few feet in width, are common throughout the sequence. An exception is the siltstone band in the vicinity of the North Scamander Prospect which is of the order of 35 feet to 40 feet in width (see Figure 4).

Sole markings at the base of the sandstone beds are a distinctive feature of this sequence being exposed at the expense of the preferential weathering of the softer, thin bands of siltstone and shale. This differential weathering effect, combined with the generally well jointed nature of the sandstone, explains the distinctive blocky nature of the sandstone rubble and partly, the poor outcrop over most of the gridded area.

(c) The gradational silicification of the above mentioned sandstone has led in places to the formation of massive pale grey sacchroidal quartzite. The quartzite which is generally highly and consistently jointed, can also be related to the magnetite/sulphide mineralization in the vicinity of the North Scamander Prospect.

Structure

(a) Bedding and folding

In the S.W. portion of the grid, the bedding, including the siltstone sequence and the bottom of the sandstone sequence, strikes a little west of true north and dips steeply to the north-east.

In marked contrast however, the N.E. section of the grid is characterized by shallow dipping strata generally of the order of 15° to 25° . Here too, the gentle warping of the shallow dipping beds has led to a much greater variation in bedding strike.

The shallow dipping attitude of these beds is attributed

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to a prominent, approximately N-S trending synclinal axis which acts across this sector of the grid. Furthermore the beds in the S.W. sector of the grid can be inferred as lying on the steeper S.W. limb of this prominent structural feature.

Again in the S.W. sector of the grid, several small scale anticlinal and synclinal structures were observed in the steeply dipping siltstone and sandstone beds.

Intense folding was noted in the creek about 1,200 feet upstream from the prospect and it is conceivable that this is related to the control of the mineralization of the same.

(b) Jointing, Fracturing, Faulting

As a general rule, the above mentioned rock types are jointed and which is emphasized particularly in the often "blocky" nature of the sandstones and quartzites. In several locations the jointing has been more intense and here, commonly is accompanied by varying degrees of fracturing and small scale shearing.

Commonly associated with these fractures zones, a limited amount of faulting has taken place, but is generally poorly defined, generally extremely narrow and restricted in lateral extent. These faults are often a reflection of limited bedding plane movement i.e. along a structurally weaker unit such as small bands of siltstone within the highly jointed and fractured siltstone.

Although not clear, it is highly probable that folding (both local intense and on broader scale) of the strata, has played an important role in the formation of these small scale structures.

Mineralisation

The occurrences of mineralization and/or the surface expression of potential economic mineralization, will be discussed under the following headings:

1. North Scamander Prospect and immediate vicinity.
2. Remainder of the gridded area.

1. North Scamander Prospect

- (a) Historical Aspects

The old prospect workings consist of a small shaft (in creek and near grid co-ordinate 44E/7N) and two short N.E. and S.W. directed adits, about 130 feet to the west and in the same creek. Old reports indicate that the shaft (25 feet deep) was in existence by 1897 and all work had ceased on the prospect by 1911. There has been no recorded production.

Waller in 1901, described the mineralization as follows "....large formation carrying pyrite, chalcopyrite, pyrrhotite, galena and magnetite. It was further observed that "The magnetite mineralization was massive and appeared to be restricted to the north-east wall of the formation."

Twelvetrees 1911, described the formation (fractured, highly silicified sandstone) as being intersected by irregular veins of galena, chalcopyrite and sphalerite and striking in a direction a little west or north.

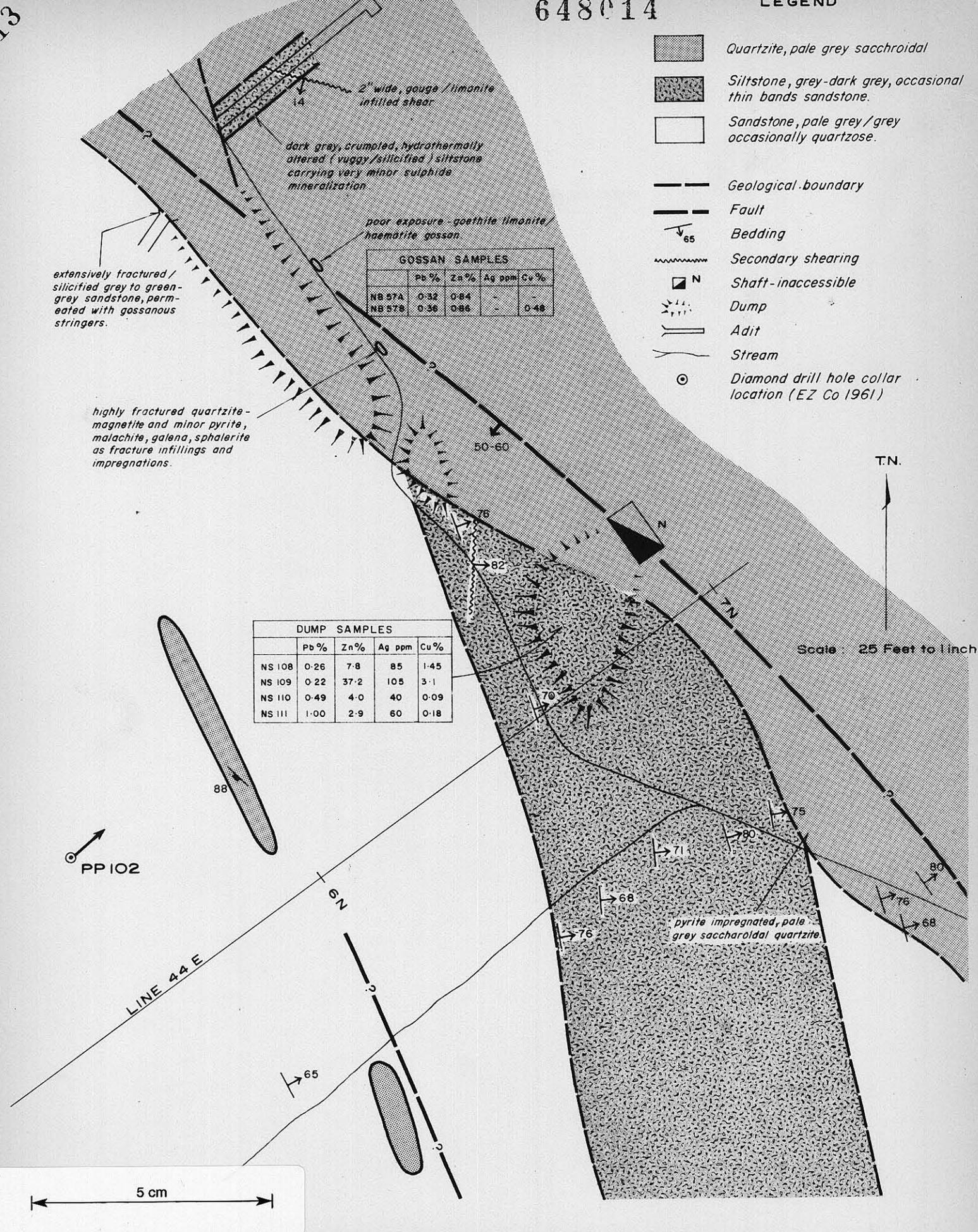
The mineralization was regarded as largely of replacement type (of original sandstones) and of contact metamorphic origin.

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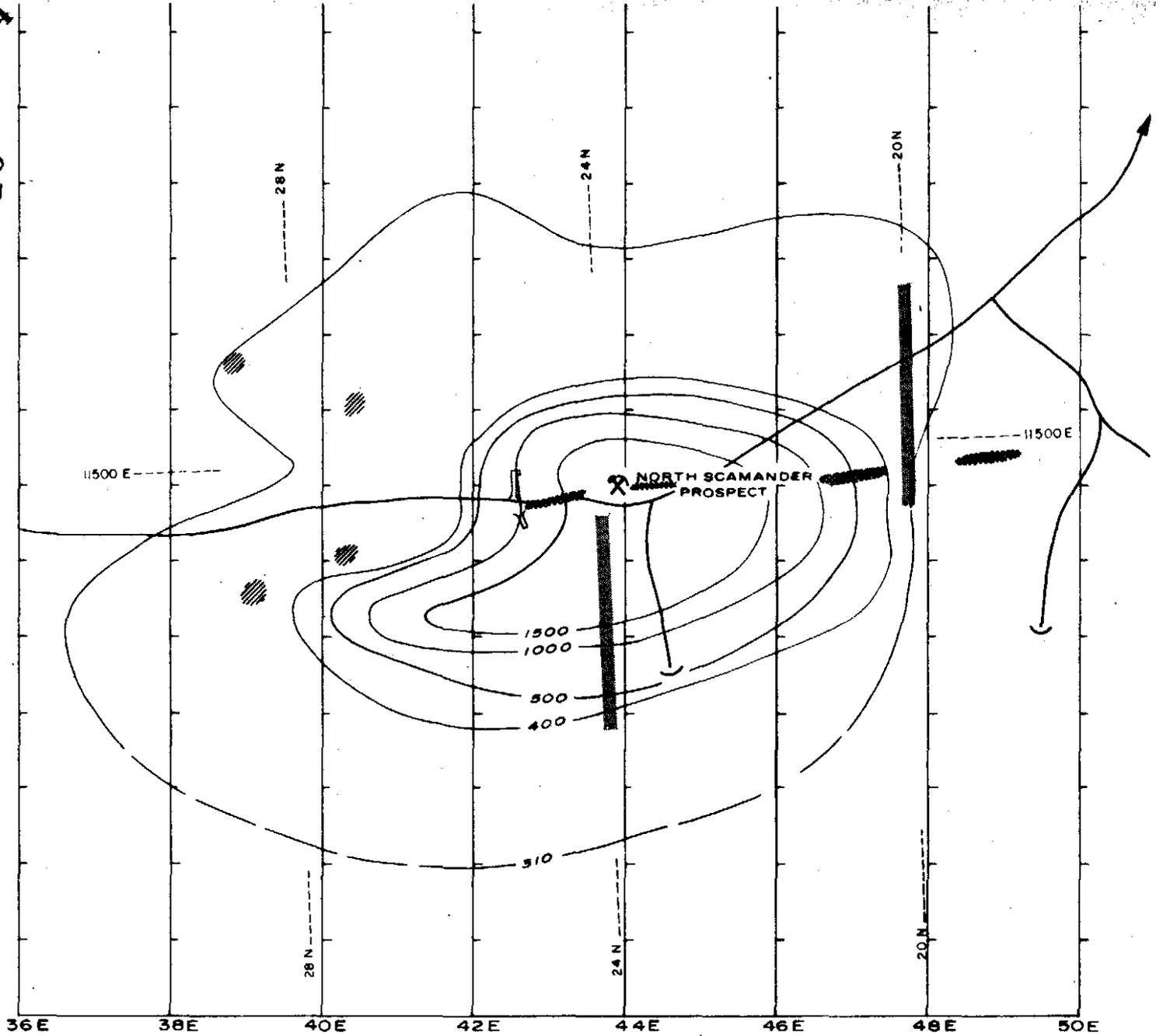
LEGEND

-  Quartzite, pale grey saccharoidal
-  Siltstone, grey-dark grey, occasional thin bands sandstone.
-  Sandstone, pale grey/grey occasionally quartzose.
-  Geological boundary
-  Fault
-  Bedding
-  Secondary shearing
-  Shaft-inaccessible
-  Dump
-  Adit
-  Stream
-  Diamond drill hole collar location (EZ Co 1961)



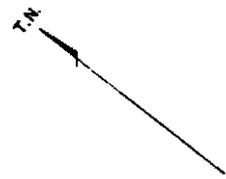
Geology of North Scamander Prospect

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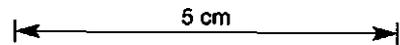


E.Z. Co. Geophysical Survey 1960-61

- (400) Magnetic contours (gammas)
 - Definite conducting body
 - Probable conducting body
 - I.P. anomaly
 - - - - - E.Z. Co. grid line
 - — — — — Geophoto grid line
 - || Adit
 - Y Creek
- } Interpretation from
a.m. traverses



Scale: 200 Feet to 1 inch

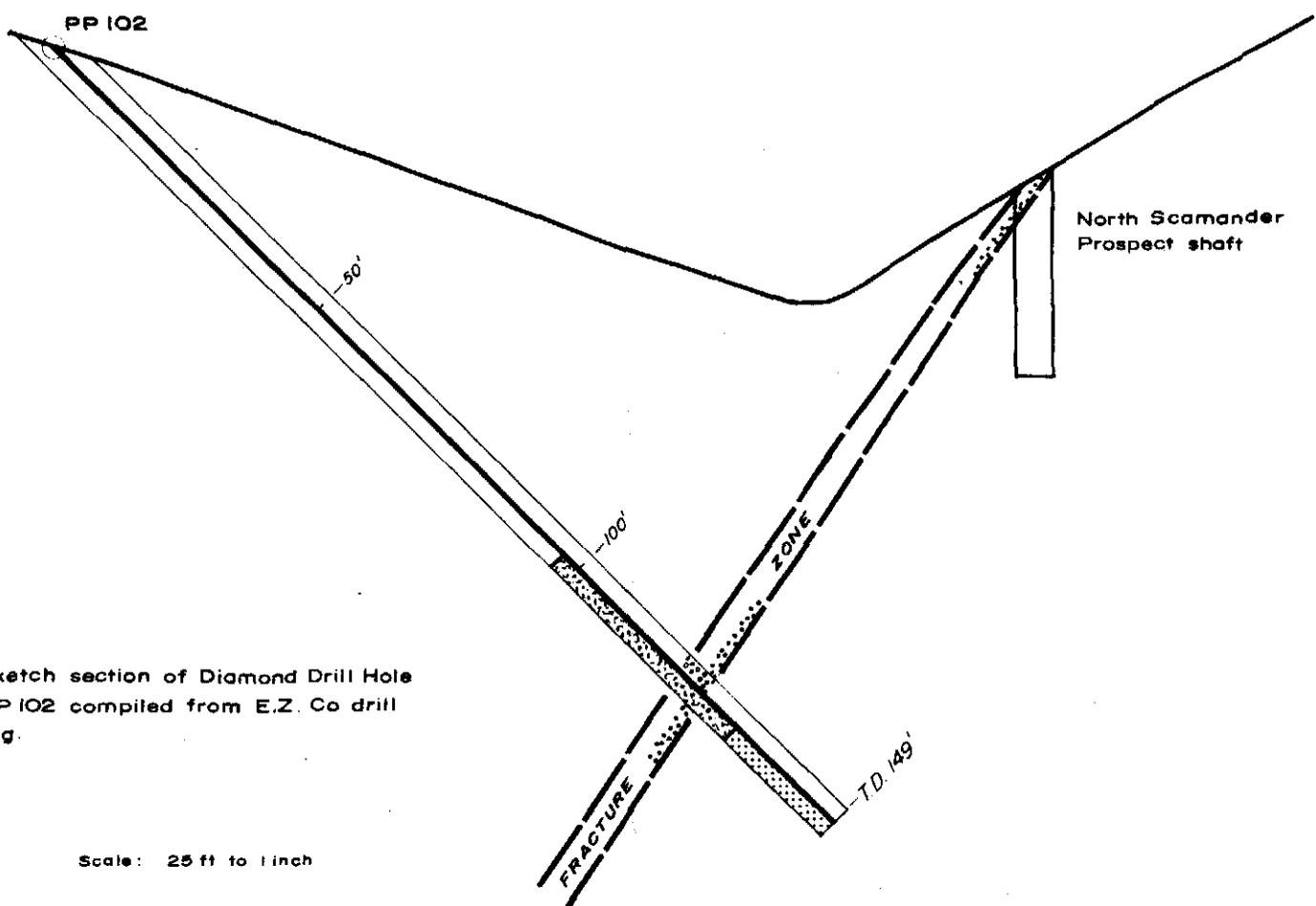


**Geophysical Anomalies and Grid Relationships
of North Scamander Area**

SOUTH WEST

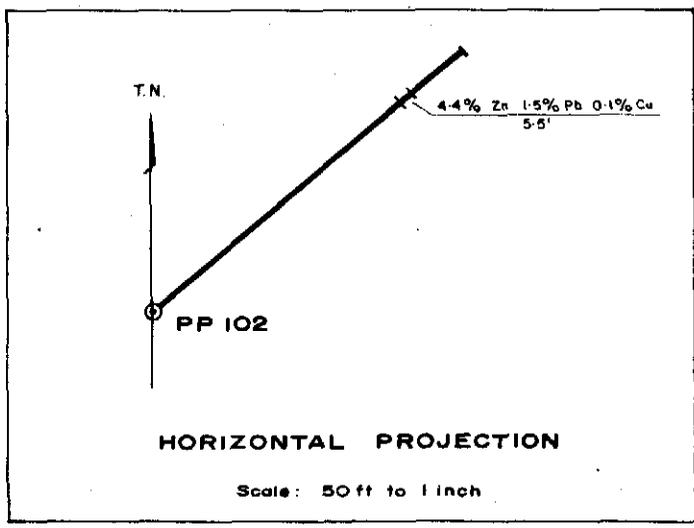
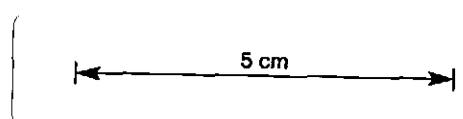
NORTH EAST

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Sketch section of Diamond Drill Hole PP 102 compiled from E.Z. Co drill log.

Scale: 25 ft to 1 inch



LEGEND

-  Dominantly sandstone
-  Dominantly siltstone
-  Interbedded siltstone/sandstone
-  Veined sulphide mineralization dominated by pyrrhotite
-  Massive magnetite mineralization carrying significant sulphide mineralization.

(b) Field Observation including discussion of results of E.Z. Co. Field Programme During 1960/61.

More recently, during 1960/61, the E.Z. Co. carried out a ground magnetometer and E.M. survey around and including the North Scamander prospect. (Follow-up-work to earlier located airborne magnetic anomaly in the vicinity of the North Scamander prosect).

The survey succeeded in locating a definite e.m. conductor corresponding closely to the location of the shaft. Furthermore, a distinct magnetic anomaly was outlined (centre 1500 γ 's and background 275 γ) indicating a probable strike length of 800 feet - 1000 feet and including the prospect (see Figure 5).

Following the results of an I.P. traverse which confirmed the presence of the above e.m. conductor some geological work and dump sampling, a diamond drill hole (PP102) was sited to intersect the shaft mineralization 100 feet down dip (see Figure 4 for location). The hole, depressed 45° and terminating at 149 feet, intersected sporadic mineralization throughout, in the form of ½ inch veinlets of pyrrhotite and minor pyrite and chalcopyrite. The shaft mineralization was encountered between 120 feet 6 inches and 126 feet, and the 5 feet 6 inches low grade intersection gave the following results:

Zn	Pb	Cu	Ag	Fe
4.4%	1.5%	0.1%	3.4oz	35.4%

In marked contrast to the shaft mineralization, the intersection was located within the steeply dipping siltstone band which outcrops in the vicinity of the shaft and to a limited extent, in the N.E. adit (Figure 4). From the section drawn up from the E.Z. logs (see Figure 6) it is apparent that

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the fault or fracture zone that controls the mineralization dips between 50° - 60° S.W., transgressing both the sandstone and the siltstone sequence. Characteristically, massive magnetite up to 2 feet in width, and carrying small amounts of sulphides, is restricted to the foot-wall side of the structure. (The massive magnetite together with fairly abundant pyrrhotite was responsible for the high Fe analysis of the intersection).

The mineralization is predominantly of a fracture fissure filling type. Where the fault has cut across permeable fractured sandstones, easy access has been allowed for the mineralizing solutions. The result has been a widening in the zone of influence of the mineralization (in association with intense silicification) in the form of fracture fillings and possibly partial replacement, of the adjacent sandstone. This accounts for the description in the old reports (Waller 1901, Twelvetrees 1911) of the "large formations carrying abundant irregular sulphide veinlets" in the vicinity of the shaft. The relatively impervious nature of the siltstones is emphasized in the N.E. adit where only very minor mineralization is associated with the extensively crumpled hydro-thermally altered siltstone.

During field investigation, the shaft mineralization could not be observed directly (filled with water) but several significantly mineralized specimens were collected from the dump. The mineralized specimens included massive magnetite carrying appreciable amounts of sphalerite and small veinlets of galena, chalcopyrite and highly fractured/highly silicious rock charged or cemented with magnetite and minor amounts of sulphides.

Selected dump samples analysed as follows:

Pb%	Zn%	Cu%	Ag ppm
1.26	7.8	1.45	85
0.22	37.2	3.1	105
0.49	4.0	0.09	40
1.00	2.9	0.18	60

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It should be noted that the above were selected mineralized specimens and in no way represent the grade of shaft mineralization. Other than the shaft mineralization, no significant mineralization was observed. A distinctive feature of the quartzite wall-rock is the impregnation with pyrite cubes and occasionally, where fracturing has taken place, minor pyrite, galena, sphalerite, malachite, magnetite occur as minute blebs and veinlets commonly associated with chlorite (?).

The adits were driven across the above impregnated formation but encountered only very minor sulphide mineralization, which further emphasizes the very irregular nature and/or the restricted lateral extent of the significant mineralization.

Abundant magnetite (to 4" in width) associated with fractures and shears within highly folded quartzites, and located 1200 ft up-creek from the shaft, were not associated with any observable sulphides. Consequently doubts can be raised as to the degree of correlation between magnetic anomaly and sulphide mineralization (also observed by E.Z.).

The above facts, plus the indicated low grade (E.Z. Co. drilling) and low tonnage, severely limits the economic potential of the North Scamander Prospect.

It is highly probable that the main control on the mineralization is tension fracturing on a relatively small scale and which can be related to folding.

Finally, during 1964/65 the prospect and immediate area was examined by B.H.P. (Chesnut 1965a) with emphasis on potential economic SnO₂ mineralization. Chip sampling carried out on two zones of relatively strong magnetic susceptibility and samples taken from the North Scamander prospect dumps, failed to indicate the presence of Sn. All samples assayed 0.01% Sn.

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2. Remainder of Grid Area

The evidence for mineralization in the remainder of the area is expressed in two forms:

- (a) As gossan stringers and pods (to a maximum width of 6 ins) within narrow and often poorly defined faults.
- (b) As fracture infillings, consisting of stringers and pods of limonite, goethite, haematite and occasional magnetite in highly fractured sandstone.

The above expressions of mineralization were generally associated with varying degrees of ferruginization and silicification.

During the course of geological mapping, about 64 gossan and gossanous samples from the above modes of mineralization were collected and analysed for Pb, Zn, Ag and Cu content. Several significant values for Pb, Zn, Ag resulted (e.g. to 1.94% Pb, to 0.84% Zn, to 275 ppm Ag) and only two significant Cu values (i.e. 0.33% Cu and 0.48% Cu).

These results, however, have no economic significance in view of the above-described mode of mineralization.

GEOCHEMISTRY

The results of the earlier soil geochemical survey were retreated using the graphical-statistical system as described by Lepeltier 1969. This treatment of the results also served as a check of the earlier statistical treatment of the same during 1971. The results of the survey for the three elements Zn, Pb and Cu are as follows:

Zinc

threshold - 70 ppm
background - 12 ppm

A well defined, roughly N-W trending zone anomaly was located in the S-E corner of the grid and encompassing the North Scamander Prospect. The anomaly lies within the quartzite, and as such, largely reflects the highly jointed and fractured weakly mineralized wall rock of the mineralized trend which includes the shaft mineralization.

As the mineral potential of the North Scamander prospect has already been discussed under a separate heading, this anomaly is regarded as being of limited significance.

Lead

threshold - 410 ppm
background - 49.5 ppm

Two small, well defined lead anomalies were similarly located, and, again are regarded as being of limited significance.

Copper

threshold - 86 ppm
background - 11.4 ppm

Two small Cu anomalies are once again located in the immediate vicinity of the North Scamander Prospect. Here, the shape of the anomalous areas tend to lend support to the idea of a bifurcating fault system, earlier postulated by E.Z. Co.

Elsewhere in the grid the anomalous copper values are few and erratic, precluding any meaningful interpretation.

The above interpretation agrees fairly well with the 1971 statistical interpretation from Pb and Zn but conflicts with the

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latter with respect to Cu. Field investigation however, tends to substantiate the Lepeltier, rather than the 1971 interpretation which indicated a more or less continuous N.N.W. anomalous trend transgressing the grid.

CONCLUSIONS

1. It is regarded that the North Scamander Zn, Pb, Cu Prospect has limited economic potential, with a low-medium grade, small tonnage type deposit indicated.

2. The possibility of potential stockwork SnO₂ mineralization is very remote for the following reasons:

- (a) The gridded area lies within the Pb, Zn zone and partly the Cu zone, of a distinctly mineralogical zoned mineral district.
- (b) A rock-chip survey and analysis of dump samples (North Scamander Prospect) by B.H.P. (Chesnut 1965a) resulted in all values being less than 0.01% Sn.
- (c) No cassiterite mineralization was observed during geological mapping.

3. There is very limited potential for copper stockwork type mineralization for the following reasons:

- (a) The geochemical response for both the gossan samples and results of soil sampling survey was very weak.
- (b) Field observation substantiated the above apparent lack of Cu mineralization.

4. The general lack of width, lateral extent and apparent lack of significant Cu mineralization with regard to the fault/fault zones of gridded area, rules out the possibility of potential supergene enriched Cu mineralization.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 002527 PROJECT No. EL.6/68 - NORTH SCAMANDER

LAB. SHEET No.: 1219/1 SAMPLE TYPE: ROCK DATE: 22nd January, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
NS 19	73-A-378	210	245	1400	3				
NS 20	73-A-379	170	300	1400	4				
NS 21	73-A-380	1675	230	0.37%	5				
NS 22	73-A-381	600	120	1900	3				
NS 23	73-A-382	1650	290	0.22%	4				
NS 24	73-A-383	0.33%	1.94%	345	4				
NS 26	73-A-384	485	0.56%	755	15				
NS 27A	73-A-385	370	225	20	4				
NS 36	73-A-386	165	265	55	7				
NS 36A	73-A-387	925	225	300	4				
NS 37A	73-A-388	225	0.32%	0.84%	23				
NS 37B	73-A-389	0.48%	0.36%	0.86%	75				
NS 38	73-A-390	175	385	1950	5				
NS 38A	73-A-391	250	390	1800	8				
NS 39	73-A-392	20	80	55	4				
NS 40	73-A-393	280	130	615	21				
NS 41	73-A-394	150	0.56%	1300	10				
NS 42	73-A-395	630	235	95	1				
NS 44	73-A-396	240	1400	745	2				
NS 45	73-A-397	180	425	135	1				
NS 46	73-A-398	280	300	0.20%	4				
NS 46A	73-A-399	220	230	1100	3				
NS 47	73-A-400	1600	0.20%	0.30%	27				
NS 48	73-A-401	585	150	1100	4				
NS 49	73-A-402	1075	360	440	8				
NS 50	73-A-403	845	0.59%	260	4				
NS 51	73-A-404	115	250	650	3				
NS 52	73-A-405	235	745	125	1				
NS 53	73-A-406	360	0.35%	390	3				
NS 54	73-A-407	250	650	15	4				

METHODS: Cu, Pb, Zn, Ag by G.R.C. NO. 1



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 002527 PROJECT No. EL.6/68 - NORTH SCAMANDER

LAB. SHEET No. 1219/2 SAMPLE TYPE: ROCK DATE: 22nd January, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
NS 61A	73-A-408	100	145	1200	3				
NS 62	73-A-409	240	100	905	3				
NS 63	73-A-410	120	250	575	2				
NS 64	73-A-411	135	130	210	2				
NS 65	73-A-412	345	265	110	3				
NS 70	73-A-413	125	290	345	2				
NS 71A	73-A-414	180	390	1500	2				
NS 80	73-A-415	365	640	140	4				
NS 82	73-A-416	260	395	560	2				
NS 83	73-A-417	510	1750	30	5				
NS 84	73-A-418	825	1.52%	165	5				
NS 85	73-A-419	690	1200	95	50				
NS 86	73-A-420	585	1600	145	145				
NS 87	73-A-421	140	1300	250	4				
NS 88	73-A-422	645	1.19%	1900	275				
NS 89	73-A-423	175	170	595	3				
NS 90	73-A-424	435	1700	160	85				
NS 91	73-A-425	325	1100	620	11				
NS 92	73-A-426	430	1100	380	14				
NS 93	73-A-427	315	630	0.24%	33				
NS 94	73-A-428	470	0.29%	0.24%	7				
NS 95	73-A-429	195	675	375	10				
NS 96	73-A-430	75	1200	150	3				
NS 98	73-A-431	355	1850	450	17				
NS 99	73-A-432	1000	390	1400	4				
NS100	73-A-433	1250	0.76%	0.57%	22				
NS101	73-A-434	480	1500	75	3				
NS102	73-A-435	190	325	1400	3				
NS103	73-A-436	215	205	1400	6				
NS104	73-A-437	30	490	60	1				

METHODS: Cu, Pb, Zn, Ag by G.R.C. NO. 1



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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 002528 PROJECT No. EL.6/68 - NORTH SCAMANDER

LAB. SHEET No. 1219/3 SAMPLE TYPE: ROCK DATE: 22nd January, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
NS105	73-A-438	270	710	400	2				
NS105A	73-A-439	160	130	640	3				
NS106	73-A-440	280	200	380	3				
NS107	73-A-441	815	1450	1800	6				
NS108	73-A-442	1.45%	0.26%	7.8%	85				
NS109	73-A-443	3.1%	0.22%	37.2%	105				
NS110	73-A-444	935	0.49%	4.0%	40				
NS111	73-A-445	1800	1.00%	2.9%	60				

METHODS: Cu, Pb, Zn, Ag by G.R.C. NO. 1



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Chief Chemist
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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006443 PROJECT No.: EL.6/68 - NORTH SCAMANDER Pb/Zn Anomal

LAB. SHEET No.: 836/1 SAMPLE TYPE: SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
00 + 00	71-J-82	5	50	20	BLD			
00 + 01N	71-J-83	BLD	30	5	BLD			
00 + 02N	71-J-84	20	120	60	BLD			
00 + 03N	71-J-85	25	110	40	1			
00 + 04N	71-J-86	10	65	15	BLD			
00 + 05N	71-J-87	15	80	20	BLD			
00 + 06N	71-J-88	5	25	20	BLD			
00 + 07N	71-J-89	10	40	20	1			
00 + 08N	71-J-90	5	30	10	1			
00 + 09N	71-J-91	15	65	45	BLD			
00 + 10N	71-J-92	15	130	30	BLD			
02E+ 00	71-J-93	5	45	20	BLD			
02E+ 01N	71-J-94	5	40	20	BLD			
02E+ 02N	71-J-95	40	330	50	1			
02E+ 03N	71-J-96	30	260	40	1			
02E+ 04N	71-J-97	15	85	20	BLD			
02E+ 05N	71-J-98	5	80	20	BLD			
02E+ 06N	71-J-99	30	225	50	1			
02E+ 07N	71-J-100	10	50	20	BLD			
02E+ 08N	71-J-101	30	75	60	BLD			
02E+ 09N	71-J-102	55	410	170	1			
02E+ 10N	71-J-103	20	220	45	BLD			
04E+ 00	71-J-104	10	70	40	BLD			
04E+ 01N	71-J-105	BLD	40	10	BLD			
04E+ 02N	71-J-106	5	75	10	BLD			
04E+ 03N	71-J-107	5	80	15	BLD			
04E+ 04N	71-J-108	10	80	20	BLD			
04E+ 05N	71-J-109	5	40	10	BLD			
04E+ 06N	71-J-110	15	50	20	1			
04E+ 07N	71-J-111	5	40	10	BLD			
04E+ 08N	71-J-112	40	110	30	1			
04E+ 09N	71-J-113	10	80	10	1			
04E+ 10N	71-J-114	25	65	10	BLD			
04E+ 11N	71-J-115	30	195	70	1			
04E+ 12N	71-J-116	20	210	40	BLD			
04E+ 13N	71-J-117	20	175	30	BLD			
04E+ 14N	71-J-118	40	130	40	1			
04E+ 15N	71-J-119	30	145	30	BLD			
04E+ 16N	71-J-120	25	70	30	BLD			
04E+ 17N	71-J-121	25	75	20	BLD			
04E+ 18N	71-J-122	15	100	20	BLD			
04E+ 19N	71-J-123	10	65	20	BLD			
04E+ 20N	71-J-124	BLD	60	10	BLD			
06E+ 00	71-J-125	10	60	10	BLD			
06E+ 01N	71-J-126	5	40	10	BLD			
06E+ 02N	71-J-127	25	105	30	1			

METHODS:

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Cu, Pb, Zn, Ag by G R.C. No. 1

B.L.D. = Below Limit of Detection



Chief Chemist

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File

028

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006443 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly
LAB. SHEET No. 836/2 SAMPLE TYPE SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
06E+ 03N	71-J-128	5	45	10	BLD				
06E+ 04N	71-J-129	15	150	20	1				
06E+ 05N	71-J-130	20	70	20	1				
06E+ 06N	71-J-131	10	50	10	BLD				
06E+ 07N	71-J-132	10	60	10	1				
06E+ 08N	71-J-133	20	250	25	1				
06E+ 09N	71-J-134	15	75	10	BLD				
06E+ 10N	71-J-135	5	110	15	BLD				
06E+ 11N	71-J-136	BLD	115	10	BLD				
06E+ 12N	71-J-137	15	275	30	BLD				
06E+ 13N	71-J-138	20	275	35	BLD				
06E+ 14N	71-J-139	25	190	30	BLD				
06E+ 15N	71-J-140	50	175	55	1				
06E+ 16N	71-J-141	20	60	20	BLD				
06E+ 17N	71-J-142	5	40	25	BLD				
06E+ 18N	71-J-143	20	60	35	BLD				
06E+ 19N	71-J-144	5	45	20	BLD				
06E+ 20N	71-J-145	15	90	40	BLD				
08E+ 00	71-J-146	15	40	20	BLD				
08E+ 01N	71-J-147	BLD	15	10	BLD				
08E+ 02N	71-J-148	BLD	45	10	BLD				
08E+ 03N	71-J-149	50	185	80	BLD				
08E+ 04N	71-J-150	10	35	10	BLD				
08E+ 05N	71-J-151	40	65	25	BLD				
08E+ 06N	71-J-152	70	230	60	1				
08E+ 07N	71-J-153	10	80	10	BLD				
08E+ 08N	71-J-154	10	135	10	BLD				
08E+ 09N	71-J-155	15	110	20	BLD				
08E+ 10N	71-J-156	10	140	20	1				
08E+ 11N	71-J-157	10	140	30	BLD				
08E+ 12N	71-J-158	50	100	70	BLD				
08E+ 13N	71-J-159	10	30	10	BLD				
08E+ 14N	71-J-160	45	140	50	BLD				
08E+ 15N	71-J-161	95	255	55	BLD				
08E+ 16N	71-J-162	15	100	30	BLD				
08E+ 17N	71-J-163	40	1025	80	1				
08E+ 18N	71-J-164	2	70	20	BLD				
08E+ 19N	71-J-165	10	65	20	BLD				
08E+ 20N	71-J-166	5	105	35	BLD				
10E+ 00	71-J-167	5	30	10	BLD				
10E+ 01N	71-J-168	10	30	10	BLD				
10E+ 02N	71-J-169	BLD	20	5	BLD				
10E+ 03N	71-J-170	10	60	10	BLD				
10E+ 04N	71-J-171	45	45	20	BLD				
10E+ 05N	71-J-172	10	30	15	BLD				
10E+ 06N	71-J-173	20	60	20	BLD				

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006444 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomal

LAB. SHEET No. 836/3 SAMPLE TYPE SOIL PRFL. DATE 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
10E+ 07N	71-J-174	65	250	40	1				
10E+ 08N	71-J-175	30	70	20	BLD				
10E+ 09N	71-J-176	20	110	20	BLD				
10E+ 10N	71-J-177	60	125	60	BLD				
10E+ 11N	71-J-178	60	220	60	BLD				
10E+ 12N	71-J-179	90	200	95	1				
10E+ 13N	71-J-180	40	90	45	BLD				
10E+ 14N	71-J-181	80	150	60	BLD				
10E+ 15N	71-J-182	20	110	30	BLD				
10E+ 16N	71-J-183	40	160	30	BLD				
10E+ 17N	71-J-184	65	35	20	BLD				
10E+ 18N	71-J-185	10	30	15	BLD				
10E+ 19N	71-J-186	10	40	20	BLD				
10E+ 20N	71-J-187	10	40	20	BLD				
12E+ 00	71-J-188	10	40	15	BLD				
12E+ 01N	71-J-189	5	30	10	BLD				
12E+ 02N	71-J-190	10	40	10	1				
12E+ 03N	71-J-191	10	35	10	BLD				
12E+ 04N	71-J-192	10	35	10	BLD				
12E+ 05N	71-J-193	10	50	15	BLD				
12E+ 06N	71-J-194	10	50	15	BLD				
12E+ 07N	71-J-195	10	70	10	BLD				
12E+ 08N	71-J-196	20	80	10	BLD				
12E+ 09N	71-J-197	35	60	15	BLD				
12E+ 10N	71-J-198	65	60	20	1				
12E+ 11N	71-J-199	60	60	30	BLD				
12E+ 12N	71-J-200	75	70	30	BLD				
12E+ 13N	71-J-201	55	50	30	BLD				
12E+ 14N	71-J-202	35	50	45	1				
12E+ 15N	71-J-203	40	400	40	BLD				
12E+ 16N	71-J-204	25	475	30	1				
12E+ 17N	71-J-205	10	60	10	BLD				
12E+ 18N	71-J-206	10	65	15	BLD				
12E+ 19N	71-J-207	15	60	20	BLD				
12E+ 20N	71-J-208	10	30	20	BLD				
14E+ 00	71-J-209	5	25	20	BLD				
14E+ 01N	71-J-210	10	70	40	BLD				
14E+ 02N	71-J-211	5	35	10	BLD				
14E+ 03N	71-J-212	5	30	10	BLD				
14E+ 04N	71-J-213	15	65	20	3				
14E+ 05N	71-J-214	15	110	15	BLD				
14E+ 06N	71-J-215	2	25	15	BLD				
14E+ 07N	71-J-216	5	60	10	BLD				
14E+ 08N	71-J-217	30	50	15	BLD				
14E+ 09N	71-J-218	50	90	15	BLD				
14E+ 10N	71-J-219	10	60	10	BLD				

METHODS:



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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006445 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No.: 836/4 SAMPLE TYPE SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
14E + 11N	71-J-220	20	50	10	BLD			
14E + 12N	71-J-221	25	30	10	BLD			
14E + 13N	71-J-222	30	40	15	BLD			
14E + 14N	71-J-223	40	55	20	BLD			
14E + 15N	71-J-224	55	40	30	BLD			
14E + 16N	71-J-225	30	100	30	BLD			
14E + 17N	71-J-226	15	80	10	BLD			
14E + 18N	71-J-227	20	50	20	BLD			
14E + 19N	71-J-228	BLD	15	BLD	BLD			
14E + 20N	71-J-229	BLD	15	2	BLD			
16E + 00	71-J-230	25	50	20	1			
16E + 01N	71-J-231	10	40	15	↑			
16E + 02N	71-J-232	15	80	15	BLD			
16E + 03N	71-J-233	10	35	10	BLD			
16E + 04N	71-J-234	10	160	20	BLD			
16E + 05N	71-J-235	10	70	10	BLD			
16E + 06N	71-J-236	60	230	30	BLD			
16E + 07N	71-J-237	45	100	20	BLD			
16E + 08N	71-J-238	50	90	30	1			
16E + 09N	71-J-239	5	40	2	BLD			
16E + 10N	71-J-240	10	40	5	BLD			
16E + 11N	71-J-241	30	60	10	BLD			
16E + 12N	71-J-242	40	35	15	BLD			
16E + 13N	71-J-243	60	200	50	1			
16E + 14N	71-J-244	30	55	20	BLD			
16E + 15N	71-J-245	10	50	15	BLD			
16E + 16N	71-J-246	BLD	195	2	BLD			
16E + 17N	71-J-247	30	150	30	1			
16E + 18N	71-J-248	2	30	10	BLD			
16E + 19N	71-J-249	10	70	10	BLD			
16E + 20N	71-J-250	5	50	5	BLD			
16E + 21N	71-J-251	10	30	10	BLD			
16E + 22N	71-J-252	10	70	10	BLD			
16E + 23N	71-J-253	5	50	10	BLD			
16E + 24N	71-J-254	5	90	10	BLD			
16E + 25N	71-J-255	10	135	10	BLD			
18E + 00	71-J-256	10	30	5	BLD			
18E + 01N	71-J-257	15	40	10	BLD			
18E + 02N	71-J-258	30	65	20	BLD			
18E + 03N	71-J-259	80	150	20	BLD			
18E + 04N	71-J-260	30	90	20	BLD			
18E + 05N	71-J-261	40	155	15	BLD			
18E + 06N	71-J-262	60	590	30	BLD			
18E + 07N	71-J-263	35	100	20	BLD			
18E + 08N	71-J-264	50	165	25	1			
18E + 09N	71-J-265	30	80	20	1			

METHODS:



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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006446/7 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomal

LAB. SHEET No. 836/5 SAMPLE TYPE SOIL PROFILE DATE 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
18E + 10N	71-J-266	50	100	35	BLD				
18E + 11N	71-J-267	50	195	40	1				
18E + 12N	71-J-268	60	125	35	2				
18E + 13N	71-J-269	15	90	20	BLD				
18E + 14N	71-J-270	20	60	100	BLD				
18E + 15N	71-J-271	50	150	35	BLD				
18E + 16N	71-J-272	20	45	35	BLD				
18E + 17N	71-J-273	15	30	10	BLD				
18E + 18N	71-J-274	40	120	20	1				
18E + 19N	71-J-275	5	30	5	BLD				
18E + 20N	71-J-276	5	30	5	BLD				
18E + 21N	71-J-277	10	35	10	BLD				
18E + 22N	71-J-278	BLD	15	BLD	BLD				
18E + 23N	71-J-279	BLD	30	5	BLD				
18E + 24N	71-J-280	BLD	15	BLD	BLD				
18E + 25N	71-J-281	BLD	15	BLD	BLD				
20E + 00	71-J-282	5	30	20	BLD				
20E + 01N	71-J-283	5	45	5	BLD				
20E + 02N	71-J-284	45	130	15	1				
20E + 03N	71-J-285	10	60	10	1				
20E + 04N	71-J-286	BLD	25	5	BLD				
20E + 05N	71-J-287	30	150	15	1				
20E + 06N	71-J-288	15	55	2	BLD				
20E + 07N	71-J-289	30	30	2	BLD				
20E + 08N	71-J-290	70	80	10	1				
20E + 09N	71-J-291	40	30	10	BLD				
20E + 10N	71-J-292	70	70	10	1				
20E + 11N	71-J-293	90	190	25	1				
20E + 12N	71-J-294	25	60	20	1				
20E + 13N	71-J-295	20	40	10	1				
20E + 14N	71-J-296	80	90	25	1				
20E + 15N	71-J-297	90	85	30	1				
20E + 16N	71-J-298	BLD	10	BLD	BLD				
20E + 17N	71-J-299	5	20	5	BLD				
20E + 18N	71-J-300	10	20	10	BLD				
20E + 19N	71-J-301	5	15	5	BLD				
20E + 20N	71-J-302	10	25	15	BLD				
20E + 21N	71-J-303	10	35	10	BLD				
20E + 22N	71-J-304	5	25	10	BLD				
20E + 23N	71-J-305	15	25	20	1				
20E + 24N	71-J-306	BLD	30	10	1				
20E + 25N	71-J-307	BLD	10	30	1				
22E + 00	71-J-308	15	20	15	BLD				
22E + 01N	71-J-309	BLD	25	5	BLD				
22E + 02N	71-J-310	80	100	10	1				
22E + 03N	71-J-311	15	35	10	BLD				

METHODS:



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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006447 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/6 SAMPLE TYPE SOIL PROFILE DATE 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
22E + 04N	71-J-312	BLD	5	2	BLD				
22E + 05N	71-J-313	20	30	5	1				
22E + 06N	71-J-314	10	15	2	BLD				
22E + 07N	71-J-315	10	25	2	1				
22E + 08N	71-J-316	10	60	2	BLD				
22E + 09N	71-J-317	15	10	10	1				
22E + 10N	71-J-318	15	10	10	1				
22E + 11N	71-J-319	30	30	10	1				
22E + 12N	71-J-320	10	90	10	1				
22E + 13N	71-J-321	115	260	15	1				
22E + 14N	71-J-322	30	30	10	1				
22E + 15N	71-J-323	25	70	10	1				
22E + 16N	71-J-324	BLD	30	BLD	BLD				
22E + 17N	71-J-325	20	160	20	1				
22E + 18N	71-J-326	10	90	15	1				
22E + 19N	71-J-327	10	50	10	BLD				
22E + 20N	71-J-328	10	55	15	1				
22E + 21N	71-J-329	10	50	15	BLD				
22E + 22N	71-J-330	30	55	20	1				
22E + 23N	71-J-331	5	20	5	BLD				
22E + 24N	71-J-332	BLD	30	5	BLD				
22E + 25N	71-J-333	BLD	20	5	BLD				
22E + 26N	71-J-334	BLD	15	10	BLD				
22E + 27N	71-J-335	BLD	20	5	BLD				
22E + 28N	71-J-336	BLD	30	10	BLD				
22E + 29N	71-J-337	BLD	10	5	BLD				
22E + 30N	71-J-338	SAMPLE MISSING							
24E + 00	71-J-339	90	130	20	1				
24E + 01N	71-J-340	85	120	20	1				
24E + 02N	71-J-341	65	50	10	BLD				
24E + 03N	71-J-342	10	20	10	BLD				
24E + 04N	71-J-343	65	75	10	BLD				
24E + 05N	71-J-344	110	90	30	1				
24E + 06N	71-J-345	70	65	25	BLD				
24E + 07N	71-J-346	25	60	10	BLD				
24E + 08N	71-J-347	25	30	10	1				
24E + 09N	71-J-348	75	40	20	1				
24E + 10N	71-J-349	30	50	10	BLD				
24E + 11N	71-J-350	55	80	20	1				
24E + 12N	71-J-351	30	40	10	BLD				
24E + 13N	71-J-352	40	35	10	BLD				
24E + 14N	71-J-353	15	30	10	1				
24E + 15N	71-J-354	20	20	15	1				
24E + 16N	71-J-355	60	30	15	1				
24E + 17N	71-J-356	20	55	15	1				
24E + 18N	71-J-357	10	40	10	1				

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006951/2 PROJECT No. EL.6/68 - NORTH SCAMANDER - Pb/Zn Anom

LAB. SHEET No. 836/7 SAMPLE TYPE SOIL PROFILE DATE 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
24E + 19N	71-J-358	30	90	15	1				
24E + 20N	71-J-359	10	55	15	BLD				
24E + 21N	71-J-360	BLD	60	20	BLD				
24E + 22N	71-J-361	BLD	30	BLD	BLD				
24E + 23N	71-J-362	BLD	40	10	1				
24E + 24N	71-J-363	BLD	40	10	1				
24E + 25N	71-J-364	BLD	10	5	BLD				
24E + 26N	71-J-365	BLD	5	2	BLD				
24E + 27N	71-J-366	BLD	10	5	BLD				
24E + 28N	71-J-367	BLD	10	5	BLD				
24E + 29N	71-J-368	BLD	5	10	BLD				
24E + 30N	71-J-369	5	15	20	BLD				
26E + 00	71-J-370	30	30	10	BLD				
26E + 01N	71-J-371	60	55	15	BLD				
26E + 02N	71-J-372	70	55	20	1				
26E + 03N	71-J-373	80	30	20	1				
26E + 04N	71-J-374	170	50	50	1				
26E + 05N	71-J-375	80	50	10	1				
26E + 06N	71-J-376	70	30	10	1				
26E + 07N	71-J-377	70	30	20	1				
26E + 08N	71-J-378	105	40	30	1				
26E + 09N	71-J-379	110	45	50	2				
26E + 10N	71-J-380	35	30	30	1				
26E + 11N	71-J-381	85	80	70	3				
26E + 12N	71-J-382	190	115	65	4				
26E + 13N	71-J-383	45	45	30	1				
26E + 14N	71-J-384	80	60	35	1				
26E + 15N	71-J-385	30	45	20	1				
26E + 16N	71-J-386	BLD	35	5	BLD				
26E + 17N	71-J-387	25	55	45	1				
26E + 18N	71-J-388	10	50	15	BLD				
26E + 19N	71-J-389	10	90	10	BLD				
26E + 20N	71-J-390	10	120	5	BLD				
26E + 21N	71-J-391	BLD	30	5	BLD				
26E + 22N	71-J-392	BLD	25	5	BLD				
26E + 23N	71-J-393	BLD	30	10	BLD				
26E + 24N	71-J-394	BLD	15	5	BLD				
26E + 25N	71-J-395	BLD	15	10	BLD				
26E + 26N	71-J-396	BLD	10	10	BLD				
26E + 27N	71-J-397	BLD	10	5	BLD				
26E + 28N	71-J-398	BLD	10	5	BLD				
26E + 29N	71-J-399	BLD	40	5	BLD				
26E + 30N	71-J-400	BLD	30	5	BLD				
28E + 00	71-J-401	210	100	20	1				
28E + 01N	71-J-402	55	175	15	BLD				
28E + 02N	71-J-403	20	20	10	BLD				

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006952/3 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/8 SAMPLE TYPE SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
28E + 03N	71-J-404	25	10	10	BLD			
28E + 04N	71-J-405	70	20	20	1			
28E + 05N	71-J-406	50	25	10	2			
28E + 06N	71-J-407	50	15	10	1			
28E + 07N	71-J-408	130	30	10	1			
28E + 08N	71-J-409	75	40	15	1			
28E + 09N	71-J-410	105	30	50	2			
28E + 10N	71-J-411	70	35	40	1			
28E + 11N	71-J-412	70	40	20	1			
28E + 12N	71-J-413	40	30	10	1			
28E + 13N	71-J-414	30	60	15	1			
28E + 14N	71-J-415	30	60	10	BLD			
28E + 15N	71-J-416	30	100	10	BLD			
28E + 16N	71-J-417	15	85	15	1			
28E + 17N	71-J-418	20	440	10	BLD			
28E + 18N	71-J-419	30	160	30	1			
28E + 19N	71-J-420	10	205	10	BLD			
28E + 20N	71-J-421	BLD	20	2	BLD			
28E + 21N	71-J-422	5	30	10	BLD			
28E + 22N	71-J-423	BLD	5	BLD	BLD			
28E + 23N	71-J-424	BLD	10	2	BLD			
28E + 24N	71-J-425	BLD	10	2	BLD			
28E + 25N	71-J-426	BLD	10	2	BLD			
28E + 26N	71-J-427	BLD	10	2	BLD			
28E + 27N	71-J-428	5	5	10	BLD			
28E + 28N	71-J-429	BLD	25	10	BLD			
28E + 29N	71-J-430	BLD	10	5	BLD			
28E + 30N	71-J-431	2	30	5	BLD			
28E + 31N	71-J-432	2	70	10	BLD			
28E + 32N	71-J-433	5	35	5	BLD			
28E + 33N	71-J-434	5	60	10	BLD			
28E + 34N	71-J-435	10	50	15	1			
28E + 35N	71-J-436	10	45	15	BLD			
30E + 00	71-J-437	30	110	10	BLD			
30E + 01N	71-J-438	30	35	10	BLD			
30E + 02N	71-J-439	55	50	10	BLD			
30E + 03N	71-J-440	40	10	10	BLD			
30E + 04N	71-J-441	5	30	5	BLD			
30E + 05N	71-J-442	20	10	5	BLD			
30E + 06N	71-J-443	30	20	10	BLD			
30E + 07N	71-J-444	10	10	5	BLD			
30E + 08N	71-J-445	20	20	10	BLD			
30E + 09N	71-J-446	40	110	20	1			
30E + 10N	71-J-447	10	45	25	BLD			
30E + 11N	71-J-448	30	50	10	1			
30E + 12N	71-J-449	10	75	10	1			

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006953 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/9 SAMPLE TYPE SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm					
30E + 13N	71-J-450	BLD	15	5	BLD					
30E + 14N	71-J-451	20	60	10	1					
30E + 15N	71-J-452	BLD	185	10	BLD					
30E + 16N	71-J-453	2	120	10	BLD					
30E + 17N	71-J-454	BLD	60	2	BLD					
30E + 18N	71-J-455	10	100	10	1					
30E + 19N	71-J-456	10	60	10	BLD					
30E + 20N	71-J-457	15	155	20	1					
30E + 21N	71-J-458	2	45	10	BLD					
30E + 22N	71-J-459	2	30	10	BLD					
30E + 23N	71-J-460	BLD	10	5	BLD					
30E + 24N	71-J-461	BLD	10	5	BLD					
30E + 25N	71-J-462	2	30	15	BLD					
30E + 26N	71-J-463	2	10	10	BLD					
30E + 27N	71-J-464	BLD	10	BLD	BLD					
30E + 28N	71-J-465	BLD	BLD	BLD	BLD					
30E + 29N	71-J-466	BLD	BLD	BLD	BLD					
30E + 30N	71-J-467	10	60	20	1					
30E + 31N	71-J-468	SAMPLE MISSING								
30E + 32N	71-J-469	5	60	10	BLD					
30E + 33N	71-J-470	BLD	15	5	BLD					
30E + 34N	71-J-471	SAMPLE MISSING								
30E + 35N	71-J-472	BLD	15	5	BLD					
32E + 00	71-J-473	30	40	5	BLD					
32E + 01N	71-J-474	10	40	BLD	BLD					
32E + 02N	71-J-475	10	20	5	BLD					
32E + 03N	71-J-476	20	60	5	BLD					
32E + 04N	71-J-477	55	40	10	BLD					
32E + 05N	71-J-478	20	20	10	BLD					
32E + 06N	71-J-479	20	20	5	BLD					
32E + 07N	71-J-480	70	60	45	2					
32E + 08N	71-J-481	50	205	20	1					
32E + 09N	71-J-482	60	130	60	1					
32E + 10N	71-J-483	30	135	60	1					
32E + 11N	71-J-484	15	150	20	BLD					
32E + 12N	71-J-485	15	85	20	1					
32E + 13N	71-J-486	20	190	20	1					
32E + 14N	71-J-487	10	40	10	BLD					
32E + 15N	71-J-488	20	55	15	1					
32E + 16N	71-J-489	BLD	125	10	BLD					
32E + 17N	71-J-490	10	45	10	BLD					
32E + 18N	71-J-491	BLD	20	10	BLD					
32E + 19N	71-J-492	20	60	20	BLD					
32E + 20N	71-J-493	30	50	20	1					
32E + 21N	71-J-494	30	75	30	1					
32E + 22N	71-J-495	20	60	25	1					

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006954/5 PROJECT No.: EL.6/68 - NORTH SCAMENDAR Pb/Zn Amonaly

LAB. SHEET No.: 836/10 SAMPLE TYPE: SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
32E + 23N	71-J-496	20	60	30	1				
32E + 24N	71-J-497	20	60	60	1				
32E + 25N	71-J-498	BLD	20	15	1				
32E + 26N	71-J-499	BLD	20	15	1				
32E + 27N	71-J-500	10	70	30	1				
32E + 28N	71-J-501	BLD	25	10	1				
32E + 29N	71-J-502	BLD	10	5	BLD				
32E + 30N	71-J-503	BLD	10	10	BLD				
32E + 31N	71-J-504	BLD	10	5	BLD				
32E + 32N	71-J-505	BLD	15	5	BLD				
32E + 33N	71-J-506	BLD	25	BLD	BLD				
32E + 34N	71-J-507	BLD	20	10	1				
32E + 35N	71-J-508	BLD	40	BLD	BLD				
34E + 00	71-J-509	30	50	10	1				
34E + 01N	71-J-510	10	45	5	BLD				
34E + 02N	71-J-511	25	95	20	1				
34E + 03N	71-J-512	50	70	20	1				
34E + 04N	71-J-513	110	90	45	1				
34E + 05N	71-J-514	20	75	20	1				
34E + 06N	71-J-515	10	40	10	BLD				
34E + 07N	71-J-516	15	45	15	BLD				
34E + 08N	71-J-517	60	110	110	1				
34E + 09N	71-J-518	95	290	235	3				
34E + 10N	71-J-519	BLD	65	20	BLD				
34E + 11N	71-J-520	25	210	30	2				
34E + 12N	71-J-521	BLD	25	5	BLD				
34E + 13N	71-J-522	10	150	15	BLD				
34E + 14N	71-J-523	25	115	15	BLD				
34E + 15N	71-J-524	BLD	30	10	BLD				
34E + 16N	71-J-525	5	70	10	BLD				
34E + 17N	71-J-526	BLD	20	10	BLD				
34E + 18N	71-J-527	20	60	10	BLD				
34E + 19N	71-J-528	30	130	20	1				
34E + 20N	71-J-529	10	50	10	1				
34E + 21N	71-J-530	BLD	595	15	1				
34E + 22N	71-J-531	10	60	15	1				
34E + 23N	71-J-532	10	70	15	1				
34E + 24N	71-J-533	BLD	40	10	1				
34E + 25N	71-J-534	2	50	15	1				
34E + 26N	71-J-535	10	90	25	1				
34E + 27N	71-J-536	10	60	30	2				
34E + 28N	71-J-537	5	20	10	1				
34E + 29N	71-J-538	15	15	20	BLD				
34E + 30N	71-J-539	BLD	20	5	1				
34E + 31N	71-J-540	2	40	10	1				
34E + 32N	71-J-541	BLD	20	5	BLD				

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006955/56 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/11 SAMPLE TYPE. SOIL PROFILE DATE. 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
34E + 33N	71-J-542	BLD	10	15	BLD				
34E + 34N	71-J-543	BLD	20	5	BLD				
34E + 35N	71-J-544	BLD	10	BLD	BLD				
34E + 36N	71-J-545	2	65	10	1				
34E + 37N	71-J-546	5	40	10	1				
34E + 38N	71-J-547	5	20	10	BLD				
34E + 39N	71-J-548	BLD	10	5	BLD				
34E + 40N	71-J-549	BLD	10	5	BLD				
36E + 00	71-J-550	20	30	10	BLD				
36E + 01N	71-J-551	10	20	5	BLD				
36E + 02N	71-J-552	30	50	10	1				
36E + 03N	71-J-553	25	40	5	BLD				
36E + 04N	71-J-554	70	65	20	1				
36E + 05N	71-J-555	BLD	60	5	BLD				
36E + 06N	71-J-556	40	125	40	1				
36E + 07N	71-J-557	105	295	180	3				
36E + 08N	71-J-558	10	140	40	1				
36E + 09N	71-J-559	15	245	35	1				
36E + 10N	71-J-560	10	210	20	1				
36E + 11N	71-J-561	2	90	5	BLD				
36E + 12N	71-J-562	10	145	15	1				
36E + 13N	71-J-563	10	190	15	1				
36E + 14N	71-J-564	35	50	10	BLD				
36E + 15N	71-J-565	30	50	15	BLD				
36E + 16N	71-J-566	BLD	15	10	BLD				
36E + 17N	71-J-567	10	20	10	BLD				
36E + 18N	71-J-568	BLD	15	5	BLD				
36E + 19N	71-J-569	10	80	10	BLD				
36E + 20N	71-J-570	2	30	10	BLD				
36E + 21N	71-J-571	5	100	15	BLD				
36E + 22N	71-J-572	BLD	20	10	BLD				
36E + 23N	71-J-573	10	60	15	1				
36E + 24N	71-J-574	2	35	10	BLD				
36E + 25N	71-J-575	2	95	10	1				
36E + 26N	71-J-576	BLD	10	2	BLD				
36E + 27N	71-J-577	BLD	50	10	1				
36E + 28N	71-J-578	BLD	40	10	1				
36E + 29N	71-J-579	15	80	15	BLD				
36E + 30N	71-J-580	20	150	10	BLD				
36E + 31N	71-J-581	25	50	30	BLD				
36E + 32N	71-J-582	15	65	15	BLD				
36E + 33N	71-J-583	10	80	15	BLD				
36E + 34N	71-J-584	BLD	15	2	BLD				
36E + 35N	71-J-585	10	65	30	1				
36E + 36N	71-J-586	5	70	10	BLD				
36E + 37N	71-J-587	15	45	20	BLD				

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006956/7 PROJECT No.: EL.6/68 - NORTH SCAMANDER - Pb/Zn Anomal

LAB. SHEET No.: 836/12 SAMPLE TYPE: SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm					
36E + 38N	71-J-588	BLD	15	2	BLD					
36E + 39N	71-J-589	10	40	10	BLD					
38E + 40N	71-J-590	10	20	10	BLD					
38E + 00	71-J-591	10	25	BLD	BLD					
38E + 01N	71-J-592	5	30	BLD	BLD					
38E + 02N	71-J-593	30	65	10	1					
38E + 03N	71-J-594	185	295	65	11					
38E + 04N	71-J-595	20	45	10	BLD					
38E + 05N	71-J-596	25	50	20	BLD					
38E + 06N	71-J-597	155	630	60	1					
38E + 07N	71-J-598	50	440	250	2					
38E + 08N	71-J-599	110	635	710	2					
38E + 09N	71-J-600	175	415	910	3					
38E + 10N	71-J-601	2	195	20	BLD					
38E + 11N	71-J-602	5	260	40	1					
38E + 12N	71-J-603	BLD	205	10	BLD					
38E + 13N	71-J-604	BLD	220	10	BLD					
38E + 14N	71-J-605	10	170	20	BLD					
38E + 15N	71-J-606	5	75	10	BLD					
38E + 16N	71-J-607	20	220	25	BLD					
38E + 17N	71-J-608	40	150	30	1					
38E + 18N	71-J-609	10	30	2	BLD					
38E + 19N	71-J-610	BLD	10	BLD	BLD					
38E + 20N	71-J-611	BLD	20	2	BLD					
38E + 21N	71-J-612	5	55	15	BLD					
38E + 22N	71-J-613	BLD	25	5	BLD					
38E + 23N	71-J-614	BLD	20	BLD	BLD					
38E + 24N	71-J-615	BLD	40	2	BLD					
38E + 25N	71-J-616	BLD	10	BLD	BLD					
38E + 26N	71-J-617	BLD	10	BLD	BLD					
38E + 27N	71-J-618	BLD	110	2	BLD					
38E + 28N	71-J-619	15	215	10	BLD					
38E + 29N	71-J-620	10	60	5	BLD					
38E + 30N	71-J-621	10	50	BLD	BLD					
38E + 31N	71-J-622	BLD	10	BLD	BLD					
38E + 32N	71-J-623	BLD	20	2	BLD					
38E + 33N	71-J-624	2	30	2	BLD					
38E + 34N	71-J-625	BLD	10	2	BLD					
38E + 35N	71-J-626	5	15	2	BLD					
38E + 36N	71-J-627	10	20	5	BLD					
38E + 37N	71-J-628	SAMPLE MISSING								
38E + 38N	71-J-629	10	20	10	BLD					
38E + 39N	71-J-630	BLD	5	BLD	BLD					
38E + 40N	71-J-631	2	10	10	BLD					
40E + 00	71-J-632	15	130	10	BLD					
40E + 01N	71-J-633	10	120	10	BLD					

METHODS:



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Chief Chemist *Ray W. [Signature]*

039

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006957/8 PROJECT No. EL.6/68 - NORTHERN SCAMANDER Pb/Zn Anom

LAB. SHEET No. 836/13 SAMPLE TYPE SOIL PROFILE DATE 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
40E + 02N	71-J-634	20	250	25	BLD			
40E + 03N	71-J-635	10	50	10	BLD			
40E + 04N	71-J-636	10	60	10	BLD			
40E + 05N	71-J-637	20	110	30	BLD			
40E + 06N	71-J-638	170	565	70	1			
40E + 07N	71-J-639	110	840	630	4			
40E + 08N	71-J-640	85	510	245	2			
40E + 09N	71-J-641	5	200	35	BLD			
40E + 10N	71-J-642	BLD	100	20	BLD			
40E + 11N	71-J-643	BLD	85	10	BLD			
40E + 12N	71-J-644	20	345	95	1			
40E + 13N	71-J-645	2	95	10	BLD			
40E + 14N	71-J-646	2	490	10	BLD			
40E + 15N	71-J-647	2	100	10	BLD			
40E + 16N	71-J-648	20	270	35	1			
40E + 17N	71-J-649	35	415	40	1			
40E + 18N	71-J-650	15	65	10	BLD			
40E + 19N	71-J-651	2	70	5	BLD			
40E + 20N	71-J-652	30	140	20	1			
40E + 21N	71-J-653	10	80	10	BLD			
40E + 22N	71-J-654	BLD	30	10	BLD			
40E + 23N	71-J-655	BLD	15	2	BLD			
40E + 24N	71-J-656	BLD	10	5	BLD			
40E + 25N	71-J-657	BLD	10	2	BLD			
40E + 26N	71-J-658	BLD	70	10	BLD			
40E + 27N	71-J-659	BLD	20	BLD	BLD			
40E + 28N	71-J-660	BLD	75	2	BLD			
40E + 29N	71-J-661	BLD	25	2	BLD			
40E + 30N	71-J-662	5	60	5	BLD			
40E + 31N	71-J-663	BLD	35	5	BLD			
40E + 32N	71-J-664	BLD	30	5	BLD			
40E + 33N	71-J-665	BLD	10	2	BLD			
40E + 34N	71-J-666	BLD	10	2	BLD			
40E + 35N	71-J-667	BLD	10	5	BLD			
40E + 36N	71-J-668	BLD	25	2	BLD			
40E + 37N	71-J-669	2	20	5	BLD			
40E + 38N	71-J-670	BLD	10	2	BLD			
40E + 39N	71-J-671	BLD	5	BLD	BLD			
40E + 40N	71-J-672	BLD	10	5	BLD			
40E + 41N	71-J-673	BLD	15	5	BLD			
40E + 42N	71-J-674	BLD	20	5	BLD			
40E + 43N	71-J-675	BLD	10	2	BLD			
40E + 44N	71-J-676	BLD	5	BLD	BLD			
40E + 45N	71-J-677	BLD	10	BLD	BLD			
42E + 00	71-J-678	5	50	2	BLD			
42E + 01N	71-J-679	5	55	5	BLD			

METHODS:



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Chief Chemist

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040

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006958 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/14 SAMPLE TYPE SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
42E + 02N	71-J-680	BLD	20	2	BLD			
42E + 03N	71-J-681	BLD	45	10	BLD			
42E + 04N	71-J-682	10	90	10	BLD			
42E + 05N	71-J-683	15	70	15	BLD			
42E + 06N	71-J-684	60	205	35	BLD			
42E + 07N	71-J-685	30	430	460	2			
42E + 08N	71-J-686	15	330	140	1			
42E + 09N	71-J-687	2	250	60	BLD			
42E + 10N	71-J-688	BLD	50	BLD	BLD			
42E + 11N	71-J-689	BLD	70	2	BLD			
42E + 12N	71-J-690	BLD	350	10	BLD			
42E + 13N	71-J-691	BLD	200	10	BLD			
42E + 14N	71-J-692	10	260	15	BLD			
42E + 15N	71-J-693	BLD	140	10	BLD			
42E + 16N	71-J-694	10	110	15	BLD			
42E + 17N	71-J-695	40	250	40	1			
42E + 18N	71-J-696	10	80	10	BLD			
42E + 19N	71-J-697	20	335	10	BLD			
42E + 20N	71-J-698	BLD	35	2	BLD			
42E + 21N	71-J-699	BLD	10	BLD	BLD			
42E + 22N	71-J-700	BLD	25	BLD	BLD			
42E + 23N	71-J-701	BLD	10	BLD	BLD			
42E + 24N	71-J-702	BLD	65	5	BLD			
42E + 25N	71-J-703	BLD	20	2	BLD			
42E + 26N	71-J-704	BLD	80	10	BLD			
42E + 27N	71-J-705	2	30	10	BLD			
42E + 28N	71-J-706	10	55	15	BLD			
42E + 29N	71-J-707	BLD	20	2	BLD			
42E + 30N	71-J-708	BLD	10	BLD	BLD			
42E + 31N	71-J-709	BLD	20	2	BLD			
42E + 32N	71-J-710	BLD	10	BLD	BLD			
42E + 33N	71-J-711	BLD	5	BLD	BLD			
42E + 34N	71-J-712	BLD	35	10	BLD			
42E + 35N	71-J-713	SAMPLE MISSING						
42E + 36N	71-J-714	BLD	10	2	BLD			
42E + 37N	71-J-715	BLD	10	5	BLD			
42E + 38N	71-J-716	BLD	20	10	BLD			
42E + 39N	71-J-717	BLD	5	2	BLD			
42E + 40N	71-J-718	BLD	10	2	BLD			
42E + 41N	71-J-719	BLD	10	2	BLD			
42E + 42N	71-J-720	BLD	10	2	BLD			
42E + 43N	71-J-721	BLD	20	10	BLD			
42E + 44N	71-J-722	BLD	10	2	BLD			
42E + 45N	71-J-723	BLD	10	BLD	BLD			
44E + 00	71-J-724	BLD	40	2	BLD			
44E + 01N	71-J-725	5	55	5	BLD			

METHODS:



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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006958 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/15 SAMPLE TYPE: SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
44E + 02N	71-J-726	10	50	10	2				
44E + 03N	71-J-727	10	35	10	1				
44E + 04N	71-J-728	45	140	10	1				
44E + 05N	71-J-729	40	280	10	1				
44E + 06N	71-J-730	120	460	35	2				
44E + 07N	71-J-731	10	285	90	2				
44E + 08N	71-J-732	10	280	85	2				
44E + 09N	71-J-733	BLD	165	15	BLD				
44E + 10N	71-J-734	BLD	70	5	BLD				
44E + 11N	71-J-735	BLD	70	5	BLD				
44E + 12N	71-J-736	2	130	20	BLD				
44E + 13N	71-J-737	BLD	35	5	BLD				
44E + 14N	71-J-738	10	355	15	1				
44E + 15N	71-J-739	SAMPLE MISSING							
44E + 16N	71-J-740	15	100	20	1				
44E + 17N	71-J-741	20	130	30	1				
44E + 18N	71-J-742	10	120	10	BLD				
44E + 19N	71-J-743	10	295	10	BLD				
44E + 20N	71-J-744	15	165	15	BLD				
44E + 21N	71-J-745	BLD	10	BLD	BLD				
44E + 22N	71-J-746	BLD	5	BLD	BLD				
44E + 23N	71-J-747	SAMPLE MISSING							
44E + 24N	71-J-748	20	40	15	BLD				
44E + 25N	71-J-749	SAMPLE MISSING							
44E + 26N	71-J-750	10	30	2	BLD				
44E + 27N	71-J-751	20	40	10	1				
44E + 28N	71-J-752	BLD	20	2	BLD				
44E + 29N	71-J-753	SAMPLE MISSING							
44E + 30N	71-J-754	20	110	20	BLD				
44E + 31N	71-J-755	2	15	10	BLD				
44E + 32N	71-J-756	10	40	20	1				
44E + 33N	71-J-757	BLD	10	2	BLD				
44E + 34N	71-J-758	BLD	5	10	BLD				
44E + 35N	71-J-759	SAMPLE MISSING							
44E + 36N	71-J-760	5	15	10	BLD				
44E + 37N	71-J-761	SAMPLE MISSING							
44E + 38N	71-J-762	2	20	10	BLD				
44E + 39N	71-J-763	BLD	10	BLD	BLD				
44E + 40N	71-J-764	BLD	10	2	BLD				
44E + 41N	71-J-765	BLD	10	BLD	BLD				
44E + 42N	71-J-766	BLD	10	2	BLD				
44E + 43N	71-J-767	SAMPLE MISSING							
44E + 44N	71-J-768	BLD	15	2	BLD				
44E + 45N	71-J-769	BLD	10	BLD	BLD				
46E + 00	71-J-770	BLD	25	BLD	BLD				
46E + 01N	71-J-771	5	60	5	BLD				

METHODS:



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Chief Chemist

042

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006959/60 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/16 SAMPLE TYPE. SOIL PROFILE DATE 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
46E + 02N	71-J-772	10	55	15	BLD			
46E + 03N	71-J-773	5	45	10	BLD			
46E + 04N	71-J-774	5	70	5	BLD			
46E + 05N	71-J-775	30	355	15	1			
46E + 06N	71-J-776	50	280	15	1			
46E + 07N	71-J-777	130	795	40	6			
46E + 08N	71-J-778	40	960	105	42			
46E + 09N	71-J-779	10	620	60	1			
46E + 10N	71-J-780	2	310	50	1			
46E + 11N	71-J-781	BLD	85	10	BLD			
46E + 12N	71-J-782	BLD	125	10	BLD			
46E + 13N	71-J-783	BLD	10	BLD	BLD			
46E + 14N	71-J-784	BLD	105	5	BLD			
46E + 15N	71-J-785	BLD	50	5	BLD			
46E + 16N	71-J-786	10	135	25	BLD			
46E + 17N	71-J-787	10	250	20	BLD			
46E + 18N	71-J-788	20	430	25	BLD			
46E + 19N	71-J-789	BLD	120	5	BLD			
46E + 20N	71-J-790	BLD	5	BLD	BLD			
46E + 21N	71-J-791	BLD	5	BLD	BLD			
46E + 22N	71-J-792	BLD	BLD	BLD	BLD			
46E + 23N	71-J-793	BLD	15	10	BLD			
46E + 24N	71-J-794	BLD	10	5	BLD			
46E + 25N	71-J-795	BLD	50	10	BLD			
46E + 26N	71-J-796	10	45	2	BLD			
46E + 27N	71-J-797	20	40	15	BLD			
46E + 28N	71-J-798	10	45	10	BLD			
46E + 29N	71-J-799	BLD	5	2	BLD			
46E + 30N	71-J-800	BLD	5	2	BLD			
46E + 31N	71-J-801	10	25	20	BLD			
46E + 32N	71-J-802	10	15	45	BLD			
46E + 33N	71-J-803	25	35	130	1			
46E + 34N	71-J-804	10	10	40	BLD			
46E + 35N	71-J-805	30	40	30	BLD			
46E + 36N	71-J-806	10	25	20	BLD			
46E + 37N	71-J-807	BLD	10	5	BLD			
46E + 38N	71-J-808	BLD	5	2	BLD			
46E + 39N	71-J-809	BLD	115	10	BLD			
46E + 40N	71-J-810	BLD	5	10	BLD			
46E + 41N	71-J-811	2	45	25	1			
46E + 42N	71-J-812	BLD	25	10	BLD			
46E + 43N	71-J-813	2	30	15	BLD			
46E + 44N	71-J-814	BLD	10	2	BLD			
46E + 45N	71-J-815	BLD	15	BLD	BLD			
48E + 00	71-J-816	BLD	85	10	BLD			
48E + 01N	71-J-817	5	95	20	BLD			

METHODS:



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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006960/61 PROJECT No. EL.6/68 - NORTH SCAMANDER Pb/Zn Anomaly

LAB. SHEET No. 836/17 SAMPLE TYPE: SOIL PROFILE DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				
48E + 02N	71-J-818	BLD	85	5	BLD				
48E + 03N	71-J-819	10	120	15	BLD				
48E + 04N	71-J-820	10	280	20	BLD				
48E + 05N	71-J-821	5	75	10	BLD				
48E + 06N	71-J-822	5	65	10	BLD				
48E + 07N	71-J-823	5	165	10	1				
48E + 08N	71-J-824	BLD	25	2	BLD				
48E + 09N	71-J-825	10	320	30	1				
48E + 10N	71-J-826	BLD	440	40	BLD				
48E + 11N	71-J-827	BLD	155	10	BLD				
48E + 12N	71-J-828	BLD	105	5	BLD				
48E + 13N	71-J-829	10	310	15	BLD				
48E + 14N	71-J-830	10	450	20	BLD				
48E + 15N	71-J-831	BLD	25	10	BLD				
48E + 16N	71-J-832	5	130	5	BLD				
48E + 17N	71-J-833	20	290	25	BLD				
48E + 18N	71-J-834	30	225	60	1				
48E + 19N	71-J-835	5	35	10	BLD				
48E + 20N	71-J-836	BLD	35	5	BLD				
48E + 21N	71-J-837	BLD	15	BLD	BLD				
48E + 22N	71-J-838	BLD	40	BLD	BLD				
48E + 23N	71-J-839	BLD	45	5	BLD				
48E + 24N	71-J-840	BLD	25	BLD	BLD				
48E + 25N	71-J-841	BLD	15	BLD	BLD				
48E + 26N	71-J-842	BLD	35	5	BLD				
48E + 27N	71-J-843	BLD	5	2	BLD				
48E + 28N	71-J-844	BLD	5	2	BLD				
48E + 29N	71-J-845	BLD	5	BLD	BLD				
48E + 30N	71-J-846	10	15	10	BLD				
48E + 31N	71-J-847	2	20	10	BLD				
48E + 32N	71-J-848	10	75	30	BLD				
48E + 33N	71-J-849	BLD	5	5	BLD				
48E + 34N	71-J-850	BLD	5	15	BLD				
48E + 35N	71-J-851	50	55	95	BLD				
48E + 36N	71-J-852	40	20	60	BLD				
48E + 37N	71-J-853	BLD	10	10	BLD				
48E + 38N	71-J-854	BLD	5	2	BLD				
48E + 39N	71-J-855	BLD	5	BLD	BLD				
48E + 40N	71-J-856	BLD	5	2	BLD				
48E + 41N	71-J-857	BLD	20	10	BLD				
48E + 42N	71-J-858	BLD	15	5	BLD				
48E + 43N	71-J-859	BLD	15	10	BLD				
48E + 44N	71-J-860	BLD	5	5	BLD				
48E + 45N	71-J-861	BLD	10	2	BLD				
50E + 00	71-J-862	BLD	35	5	BLD				
50E + 01N	71-J-863	BLD	105	15	BLD				

METHODS:



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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006961/2 PROJECT No. EL.6/68 - NORTH SCAMANDA Pb/Zn Anomaly
LAB. SHEET No. 836/18 SAMPLE TYPE: SOIL PROF. DATE: 11th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm			
50E + 02N	71-J-864	20	165	30	BLD			
50E + 03N	71-J-865	15	90	20	BLD			
50E + 04N	71-J-866	BLD	45	2	BLD			
50E + 05N	71-J-867	BLD	15	10	BLD			
50E + 06N	71-J-868	BLD	40	5	BLD			
50E + 07N	71-J-869	5	100	10	BLD			
50E + 08N	71-J-870	BLD	85	10	BLD			
50E + 09N	71-J-871	10	35	15	BLD			
50E + 10N	71-J-872	BLD	25	10	BLD			
50E + 11N	71-J-873	15	235	10	BLD			
50E + 12N	71-J-874	10	390	10	BLD			
50E + 13N	71-J-875	BLD	150	10	BLD			
50E + 14N	71-J-876	5	1250	25	BLD			
50E + 15N	71-J-877	BLD	15	BLD	BLD			
50E + 16N	71-J-878	BLD	25	BLD	1			
50E + 17N	71-J-879	25	545	35	BLD			
50E + 18N	71-J-880	15	180	30	BLD			
50E + 19N	71-J-881	2	35	10	BLD			
50E + 20N	71-J-882	BLD	25	10	BLD			
50E + 21N	71-J-883	2	105	20	BLD			
50E + 22N	71-J-884	BLD	15	BLD	BLD			
50E + 23N	71-J-885	BLD	5	BLD	BLD			
50E + 24N	71-J-886	BLD	95	10	BLD			
50E + 25N	71-J-887	BLD	35	2	BLD			
50E + 26N	71-J-888	BLD	5	2	BLD			
50E + 27N	71-J-889	5	15	10	BLD			
50E + 28N	71-J-890	BLD	5	BLD	BLD			
50E + 29N	71-J-891	BLD	5	BLD	BLD			
50E + 30N	71-J-892	20	35	50	BLD			
50E + 31N	71-J-893	BLD	10	5	BLD			
50E + 32N	71-J-894	BLD	10	2	BLD			
50E + 33N	71-J-895	BLD	5	2	BLD			
50E + 34N	71-J-896	BLD	25	5	BLD			
50E + 35N	71-J-897	2	15	5	BLD			
50E + 36N	71-J-898	10	25	10	BLD			
50E + 37N	71-J-899	20	40	20	BLD			
50E + 38N	71-J-900	15	35	35	BLD			
50E + 39N	71-J-901	BLD	15	2	BLD			
50E + 40N	71-J-902	5	30	20	BLD			
50E + 41N	71-J-903	2	20	15	BLD			
50E + 42N	71-J-904	BLD	15	10	BLD			
50E + 43N	71-J-905	BLD	15	10	BLD			
50E + 44N	71-J-906	BLD	5	BLD	BLD			
50E + 45N	71-J-907	BLD	5	BLD	BLD			

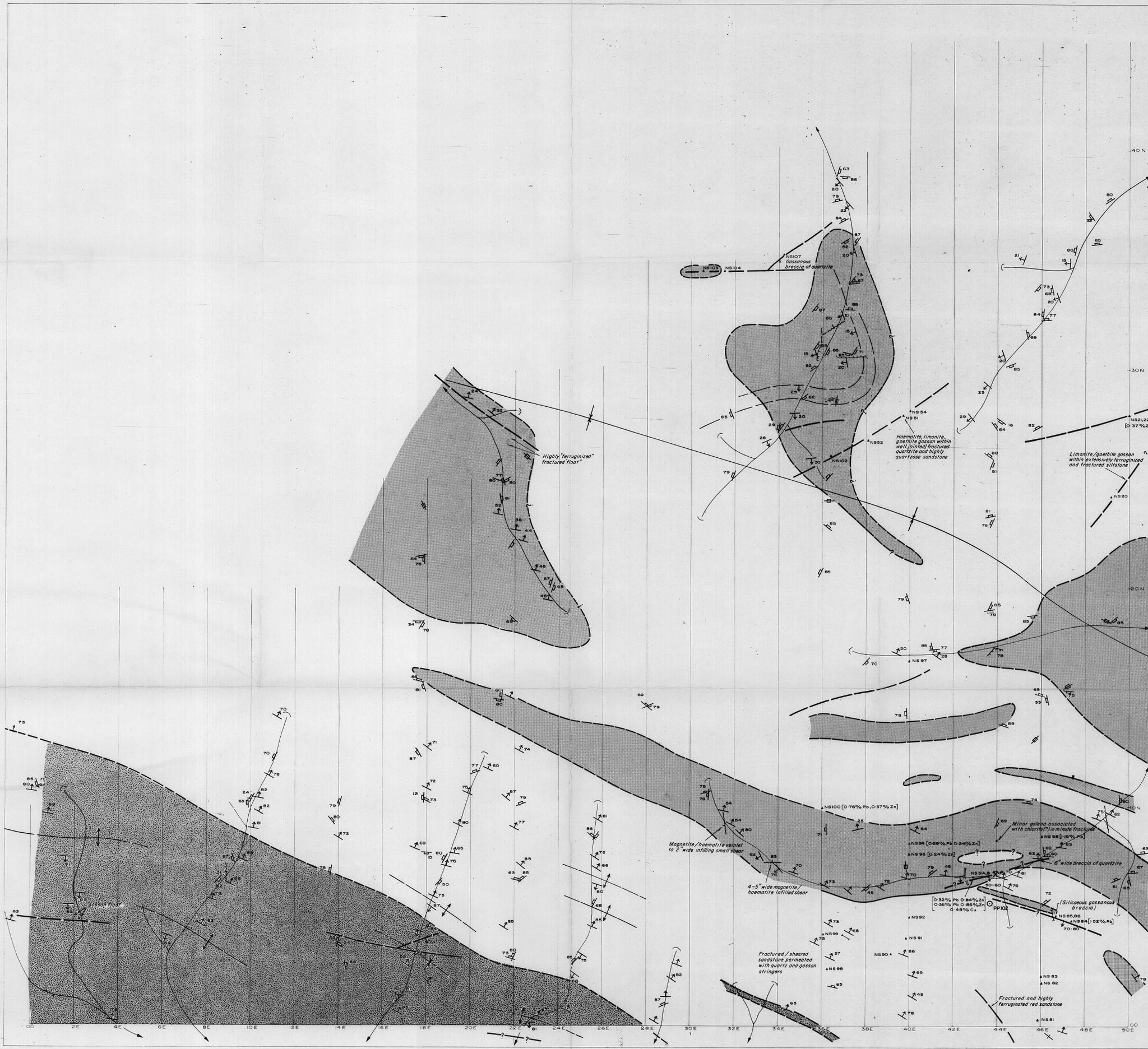
METHODS:



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Chief Chemist

Ray W. Gledhill



LEGEND

LOWER DEVONIAN

Mathinna Beds

- Dominantly grey/dark grey siltstones, commonly finely interbedded with pale grey often quartzose sandstone and to a lesser extent mudstones and black shales
- Dominantly pale grey/mauve/brown, fine to medium grained sandstone, thin interbedded bands of siltstone and/or shale
- Quartzite, pale grey generally saccharoidal and well jointed

Bedding - inclined
 Bedding - vertical
 Joint - inclined
 Joint - vertical
 Bedding trend lines
 Syncline - dashed where indefinite
 Anticline - dashed where indefinite
 Fault / fault zone - dashed where indefinite, questioned where inferred
 Geological boundary - dashed where indefinite, questioned where inferred
 Outcrop
 Shear
 Shaft
 Adit
 Gossan chip - sample and analysis
 Stream showing head and direction
 Diamond drill hole collar location (EZ Co)

Scale: 200 Feet to 1 Inch

0 200 400 600 800 Feet

0 100 200 Metres

5 cm

648046 73-986

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GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

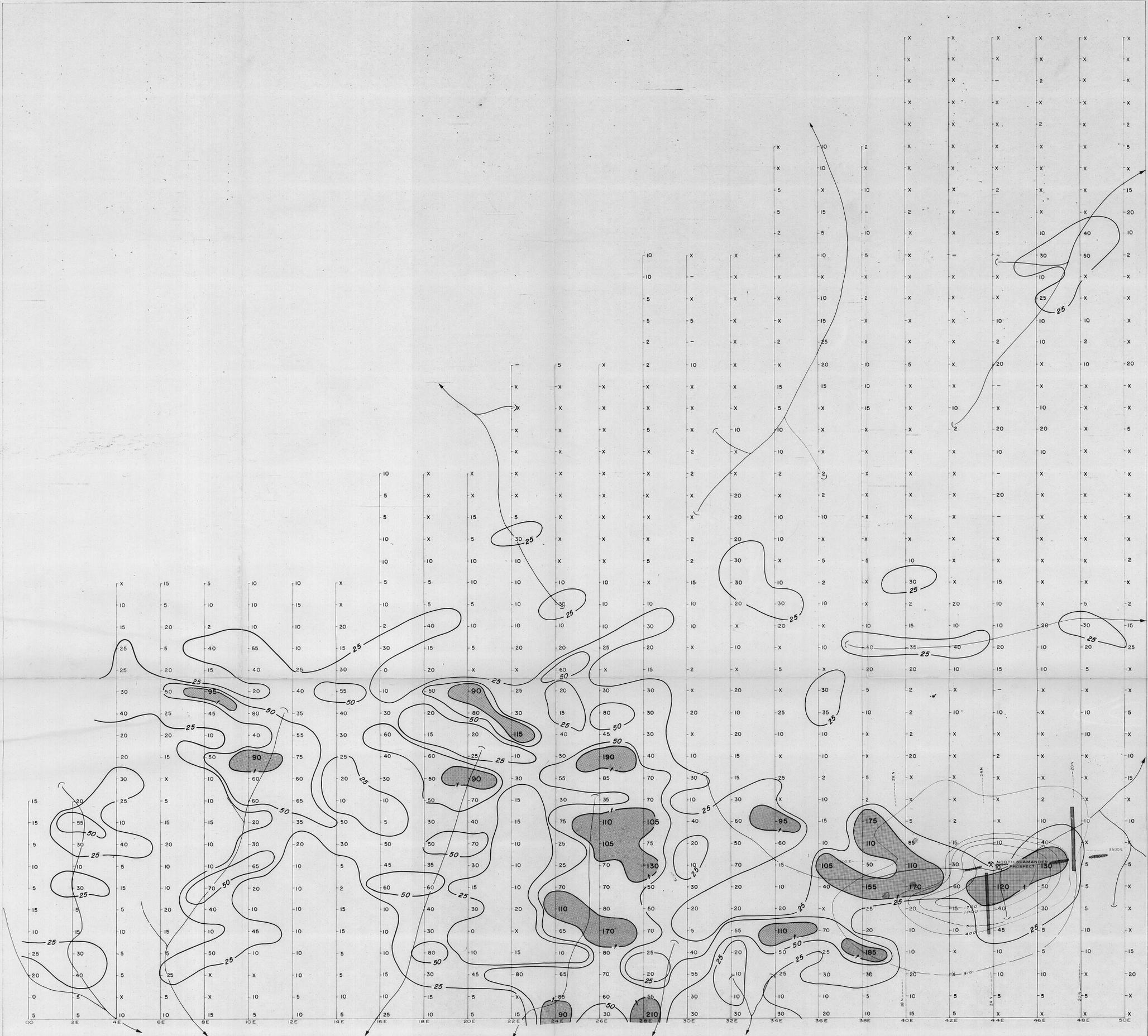
EL 6/68 NORTH EAST TASMANIA

NORTH SCAMANDER GRID

Geology

1984

PROJECT: 6/68 AUTHOR: A. Johnston DATE: August, 1973 DWS: N/A 192

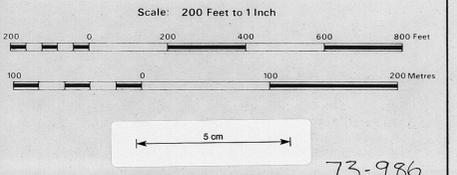
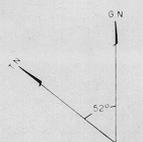


LEGEND

- E2 Geophysical Survey (1960-61)
- Grid
- Magnetic intensity contour (gammas)
- IP anomaly
- ▨ Definite E.M. conductor
- ▨ Possible E.M. conductor

LEPeltier SYSTEM

N = 808
 Cu = 86 ppm
 b = 114 ppm



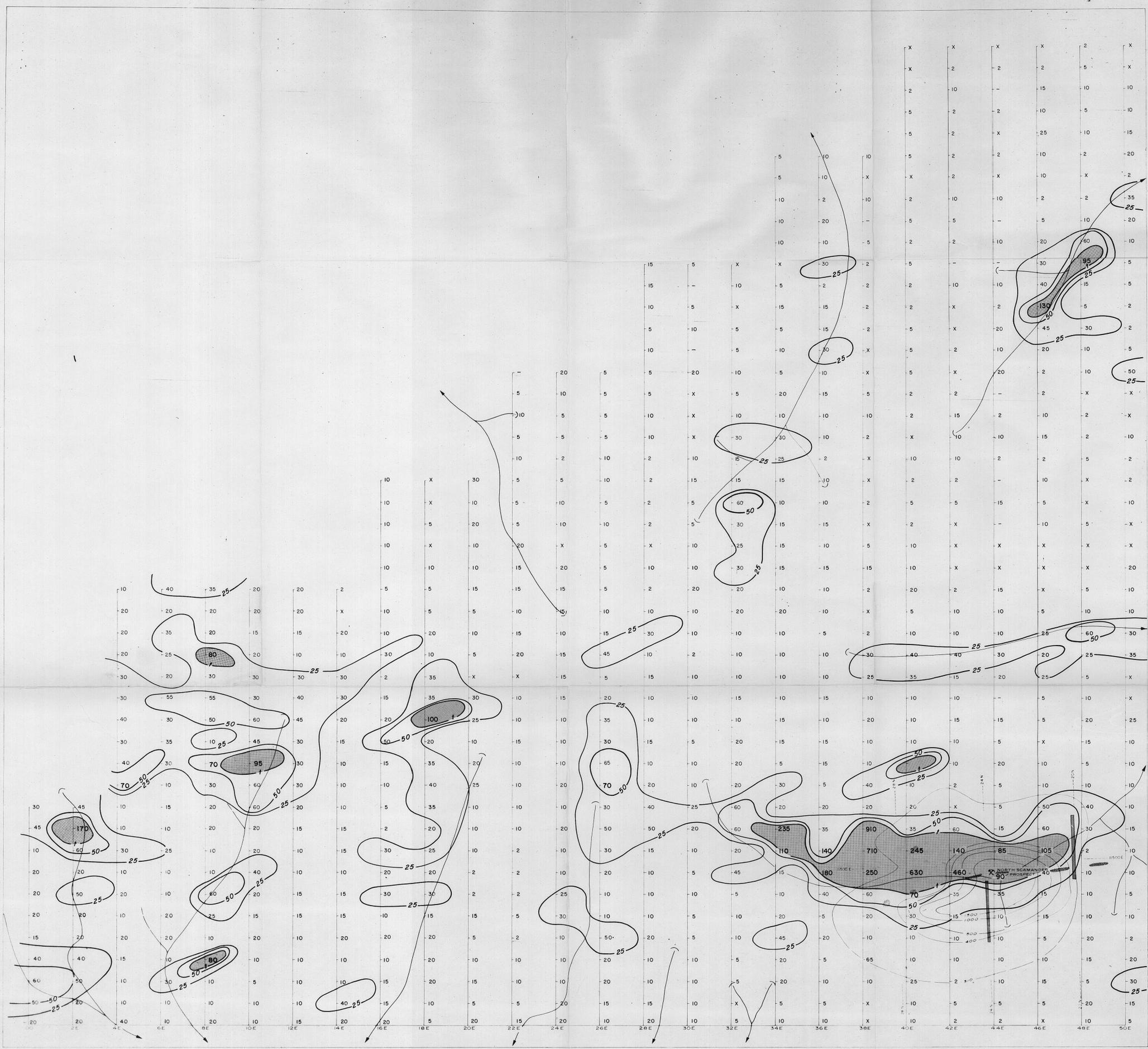
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 EL 6/68 NORTH EAST TASMANIA

NORTH SCAMANDER GRID
 Soil Geochemistry
 Copper Values in ppm

1985

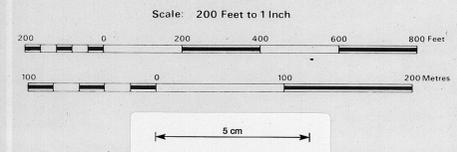
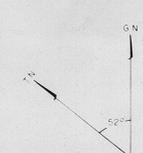


LEGEND

- 20N 00.7
- Magnetic Intensity contour (gamma)
- IP anomaly
- Definite EM conductor
- Possible EM conductor

LEPeltier SYSTEM

Zn { N = 808
t = 70ppm
b = 12.2ppm



73-986

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EL 6/68 NORTH EAST TASMANIA

NORTH SCAMANDER GRID



Soil Geochemistry
 Zinc Values in ppm
 648049

1997