

GEOCHEMICAL REPORT

MS CLAIM GROUP



Watson Lake Mining District
Yukon Territory

ms 65.64

Latitude : 62°46' N
Longitude : 130°11' W

N.T.S. 105-J-16

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of \$ 7565.54

D.R. Craig

Resident Geologist or
Resident Mining Engineer

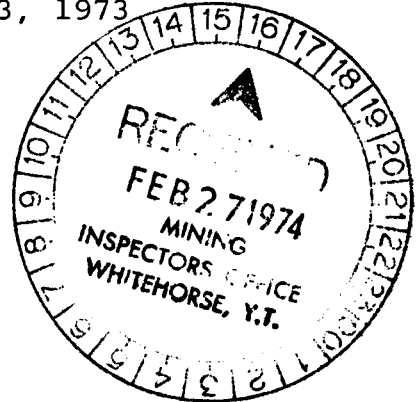
Considered as representation work under
Section 53 (4) Yukon Quartz Mining Act.

[Signature]

Commissioner of Yukon Territory

Field work mainly during period:
July 24 to 26 and August 1 to 3, 1973

Report and Interpretation:
November and December 1973



By:

Colin I. Godwin, P.Eng. (B.C.)

DYNASTY EXPLORATIONS LIMITED

December 1973

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IN POCKETS BACK OF REPORT

| | |
|---------------------------------------|----------|
| Map 1 - MS Group Geochem - Value | 1"= 500' |
| Map 2 - MS Group Geochem - Copper | 1"= 500' |
| Map 3 - MS Group Geochem - Lead | 1"= 500' |
| Map 4 - MS Group Geochem - Zinc | 1"= 500' |
| Map 5 - MS Group Geochem - Tungsten | 1"= 500' |
| Map 6 - MS Group Geochem - Molybdenum | 1"= 500' |

TABLE I
LIST OF CLAIMS

| <u>Claim</u> | <u>Claim Number</u> | <u>Grant Number</u> | <u>Recording Date</u> |
|--------------|---------------------|---------------------|-----------------------|
| MS | 10-21 | Y73710-Y73721 | July 25, 1973 |
| MS | 30-41 | Y73722-Y73733 | July 25, 1973 |
| MS | 60-73 | Y73734-Y73747 | July 25, 1973 |
| MS | 90-101 | Y73748-Y73759 | July 25, 1973 |

TABLE II
PERSONS INVOLVED IN WORK PROGRAM

| | | |
|--------------|----------------------|--|
| Colin Godwin | B.Sc. P.Geol. | 330-355 Burrard St., Vancouver, B.C. |
| L. Dellow | Assistant | 1620 E. 36th Avenue, Vancouver, B.C. |
| G. Lishy | Prospector | Atlin, B.C. |
| R. Morris | Geological Assistant | c/o Tom Stokie, P.O. Box 92, Ferne. B.C. |
| G. May | Assistant | 1379 W. 58th Avenue, Vancouver 14, B.C. |
| S. Morris | Cook | c/o Tom Stokie, P.O. Box 92, Ferne, B.C. |

DYNASTY EXPLORATIONS LIMITED

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

GEOCHEMICAL REPORT MS CLAIM GROUP, Y.T.

INTRODUCTION

Location and Access

The 50-claim MS Group is located approximately 92 miles northeast of Ross River (see Figure 1) in Yukon Territory on N.T.S. Sheet 105-J-16, near $62^{\circ}46'N$ and $130^{\circ}11'W$ (see Figure 2 and Table I). The property, almost entirely below treeline and 50 percent swampy meadow, is at an average elevation of approximately 4,000 feet.

Access to the property in 1973 was by helicopter from Cominco Lake, 12 miles to the southeast, where a base camp was established because this lake could be utilized by float planes. Access would also be convenient from Itsi Lake, a large lake 5 miles to the north. Sheldon Lake is approximately 30 miles east-southeast of the property and has the advantage of being on the North Canal road about 70 miles northeast of Ross River.

General

The MS Group was staked by Dynasty Explorations Limited on July 7th, 1973. Staking was in response to the discovery by prospector, G. Lishy, Atlin, B.C., of minor copper showings.

The MS group is tied on to the Fox Group staked January 1973 by Spartan Explorations Ltd. and optioned in March 1973 by Placer Development Ltd. Pyrrhotite, scheelite, chalcopyrite, sphalerite and soil anomalies in zinc and molybdenum have been reported from Fox Group.

DYNASTY EXPLORATIONS
 SELWYN PROJECT-1973

CLAIM GROUPS:

- A: Prevo
- B: Pas
- C: Gull and Dyn
- D: Dea
- E: Tam
- F: Joy and Ajax
- G: Tap
- H: Ms
- I: Sand
- J: Gun
- K: Kee

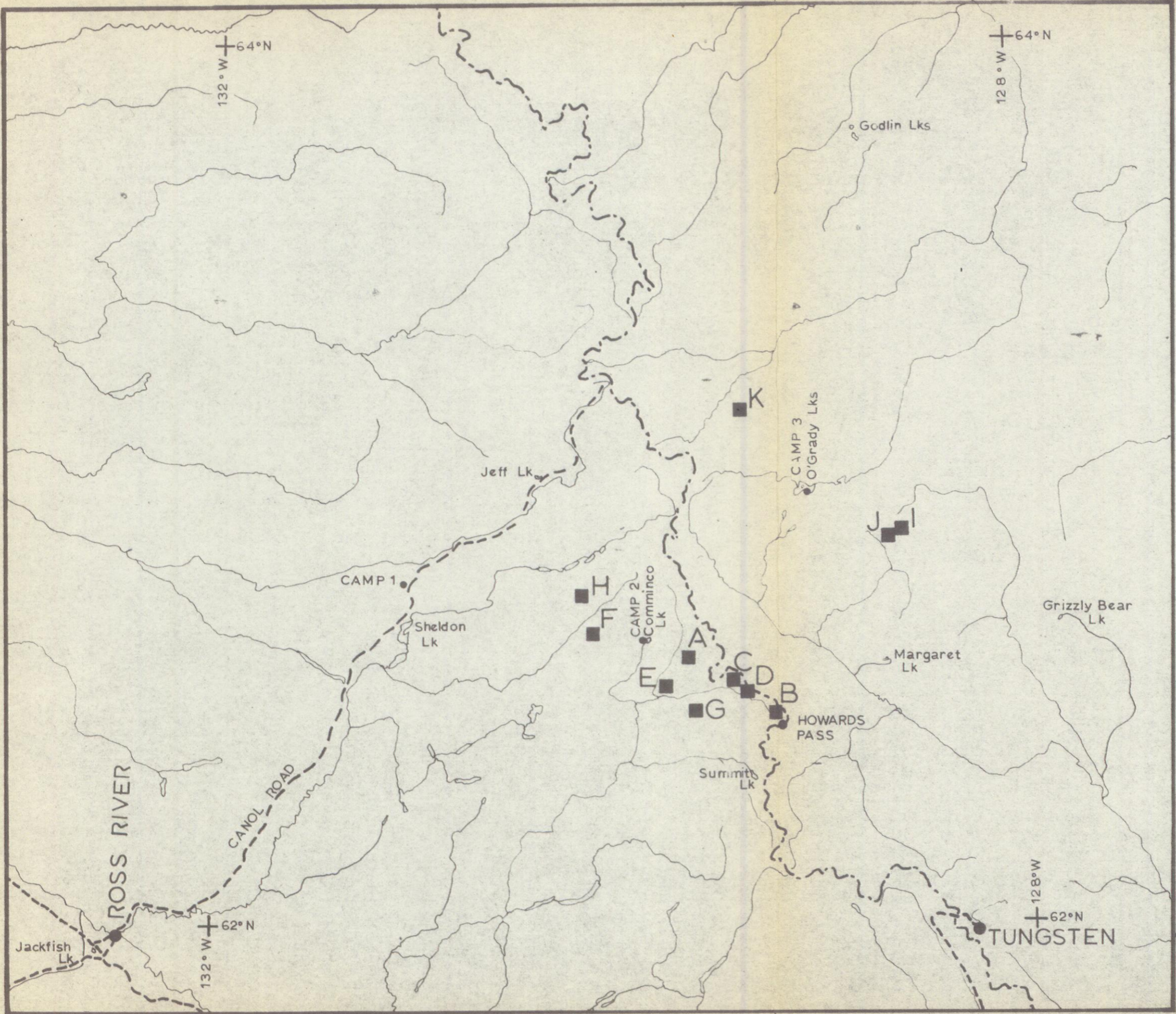
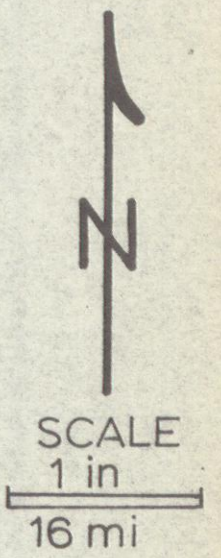
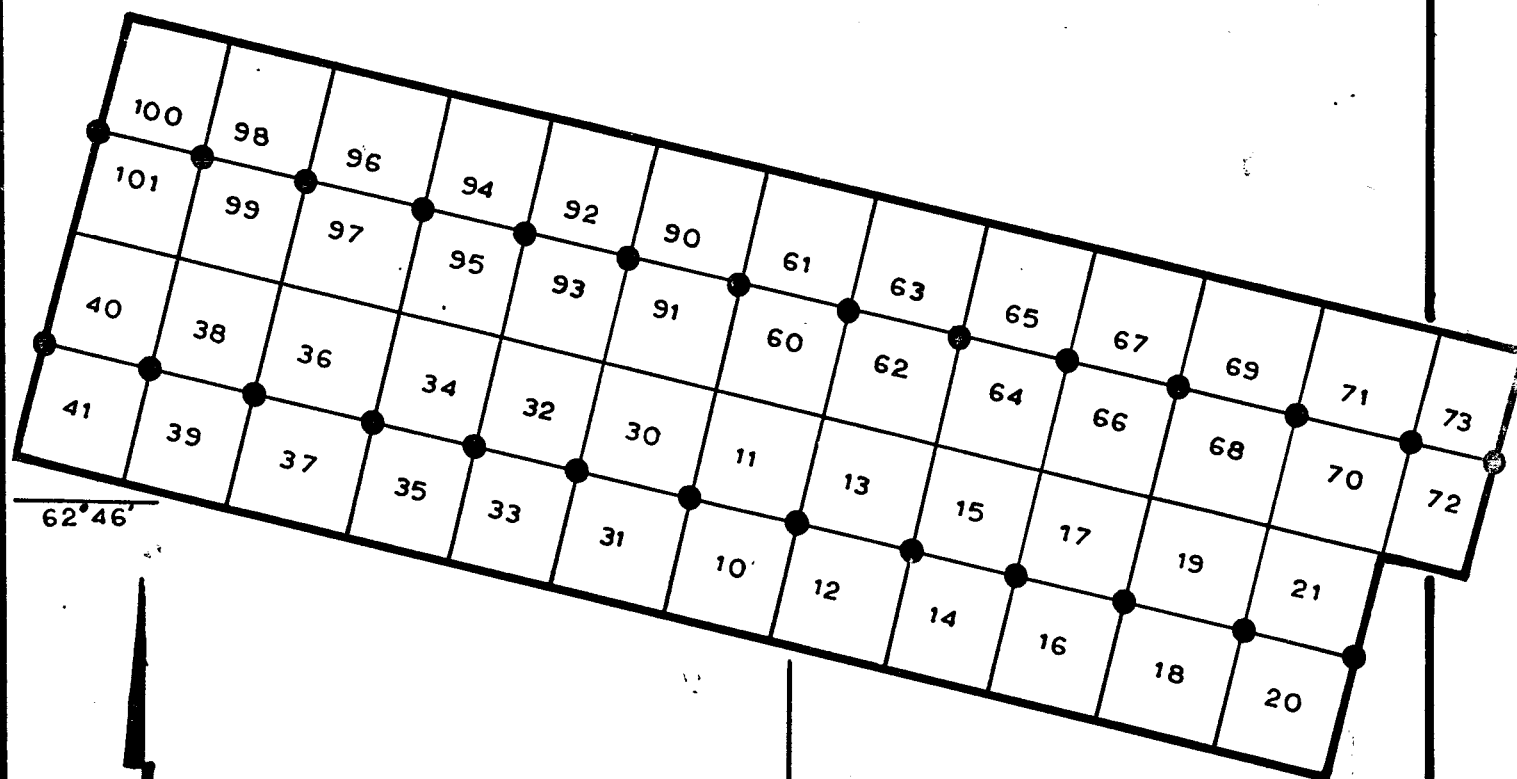


FIGURE 1:
 Index Map
 Claim Groups



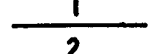
DYNASTY EXPLORATIONS LTD.

MS GROUP

105J - 16



LEGEND

-  claim outline
-  claim post
-  claim line, name

Scale: 1 in. = 1/2 mi.

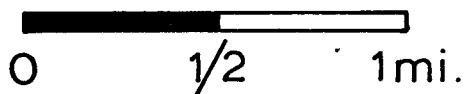


FIGURE: 2

A small granitic stock marked by an aeromagnetic anomaly (Geol. Survey of Canada, Map 4403G) is centred on the MS Group (see Map 1) but the southern edge of the stock occurs on the Fox Group. The stock intrudes shale-chert units. Several gossans occur on the MS Group.

The bulk of the investigation on the MS Group consisted of soil and silt sampling on a reconnaissance grid over the claim group over the 6 days from 24th to 26th July and 1st to 3rd September, 1973.

Table II is a list of persons involved in the work program.

GEOCHEMISTRY

General

Table III classifies the type and number of samples taken on MS Group. The mapping scale for this sampling was 1 inch = 500 ft. All analyses were by Acme Analytical Laboratories Ltd., 6455 Laurel Street, Burnaby 2, B.C. Analysis for copper, lead and zinc was by atomic absorption on perchloric acid digestion of minus 80 mesh samples. Analysis for tungsten is colourimetric of the leach from a fused sample; molybdenum analysis is by atomic absorption of the leach from the fused sample.

TABLE III: Classification of MS Samples

| <u>Approximate Area</u> | <u>Geochem: Cu, Pb, Zn, W, Mo,</u> | | |
|--|--|-------------|-------------|
| | <u>Soil</u> | <u>Silt</u> | <u>Rock</u> |
| 18,750 ft. x 6,000 ft. = 112.5 M. ft. ² (50 claims) | 323 | 107 | 22 |

Integrated Value

An even number called here the integrated value for copper, lead and zinc is plotted on each sample site with a letter (C for copper, P for lead and Z for zinc) that defines the abundant metal(s) or metal characteristic(s) at the site.

Table IV shows how to calculate an integrated metal value for a site. The purpose of this scheme is to provide a summary map that will ensure that no anomalies from a single or additive geochemical result are lost. Zoning of metals should become apparent from progressions in metal characteristics.

TABLE IV: CALCULATION OF INTEGRATED VALUE AND METAL CHARACTERISTIC

A geochemical interpretation scheme for a total value representing copper + lead + zinc with pH taken into account.

RANGE (PPM) AND COLOUR

| <u>Metal</u> | <u>Red (925)</u> | <u>Green (909)</u> | <u>Blue (903)</u> |
|--------------|------------------|--------------------|-------------------|
| Copper | ≥ 120 | 90 - 119 | 70 - 89 |
| Lead | ≥ 50 | 40 - 49 | 30 - 39 |
| Zinc | ≥ 1000 | 600 - 999 | 300 - 599 |
| Value | 6 | 4 | 2 |

Notes:

(a) Adjustment for pH

if pH ≤ 5.0:

Copper, multiply ppm by 2
 Lead, do not change
 Zinc, multiply ppm by 5

(b) Bonus for High Results

| <u>Bonus</u> | <u>Copper</u> | <u>Lead</u> | <u>Zinc</u> |
|--------------|---------------|-------------|-------------|
| 2 | 240-359 | 100-149 | 2000-2999 |
| 4 | 360-479 | 150-199 | 3000-3999 |
| 6 | ≥ 480 | ≥ 200 | ≥ 4000 |

(c) Colour code for total value: Copper + Lead + Zinc

| <u>Value</u> | <u>Colour</u> | <u>Interpretation</u> |
|--------------|---------------|-----------------------|
| ≥ 18 | Red (925) | High anomaly |
| 12 to 16 | Orange (918) | Intermediate anomaly |
| 8 & 10 | Green (909) | Low anomaly |
| 6 | Blue (903) | High threshold |
| 4 | Purple (931) | Low threshold |
| 2 & 0 | Blank | Background |

(d) Metal character noted for copper, lead and zinc by: C, P, Z, respectively, only if value for each metal is ≥ 6.

Geochemical Interpretation

Tabulation of geochemical data from the MS Group is shown in Tables V to XI. Lognormal probability plots based on these tables are shown in Figures 3 to 7. From the lognormal probability plots interpretations based on population distributions is possible; resulting conclusions are summarized in Table XII.

Map 1 is the interpretation of data based on the "value" system. Contours and worm intervals in Maps 2 to 6 are based on Table XII.

Table XIII summarizes the claims involved in anomalous areas outlined on Maps 1 to 6. The density of sampling is not sufficient to properly define anomalous zones. Two general areas that merit follow-up are apparent:

1. Area 1: MS Claims 30, 31, 32, 33, 10 and 11.
2. Area 2: MS Claims 36, 37, 38, 39 and eastern halves of 40 and 41.

The swamp area is not evaluated by the geochemical sampling to date. Anomalous sites flanking the swamp may reflect organic or manganese metal collection in these samples. On Map 2 an alignment of high copper geochemistry over claims MS 98 and MS 97 coincides with a gossanous area near the main creek. These features may represent a fault.

TABLE V: MS Group Data: Copper Geochem

(see Figure 3)

| SOILS | | | | | SILTS | | | | |
|---------------|----------|-----|-------|-------|---------------|----------|-----|-----|-------|
| Int. Ctre. | Interval | No. | % | Cum.% | Int. Ctre. | Interval | No. | % | Cum.% |
| | 190 | 1 | .5 | 100.0 | | | | | |
| 185 | 180-189 | 3 | 1.0 | 99.5 | | | | | |
| 175 | 170-179 | 0 | - | - | | | | | |
| 165 | 160-169 | 1 | .5 | 98.5 | | | | | |
| 155 | 150-159 | 1 | .5 | 98.0 | | | | | |
| 145 | 140-149 | 6 | 2.0 | 97.5 | | | | | |
| 135 | 130-139 | 4 | 1.0 | 95.5 | | | | | |
| 125 | 120-129 | 5 | 1.5 | 94.5 | | | | | |
| 115 | 110-119 | 4 | 1.0 | 93.0 | | 220 | 0 | | |
| 105 | 100-109 | 2 | 1.0 | 92.0 | 210 | 200-219 | 3 | 3 | 100 |
| 95 | 90-99 | 10 | 3.0 | 91.0 | 190 | 180-199 | 2 | 2 | 97 |
| 85 | 80-89 | 7 | 2.0 | 88.0 | 170 | 160-179 | 2 | 2 | 95 |
| 75 | 70-79 | 18 | 6.0 | 86.0 | 150 | 140-159 | 12 | 11 | 93 |
| 65 | 60-69 | 21 | 6.5 | 80.0 | 130 | 120-139 | 11 | 10 | 82 |
| 55 | 50-59 | 19 | 6.0 | 73.5 | 110 | 100-119 | 15 | 14 | 72 |
| 45 | 40-49 | 21 | 6.5 | 67.5 | 90 | 80-99 | 20 | 19 | 58 |
| 35 | 30-39 | 38 | 12.0 | 61.0 | 70 | 60-79 | 25 | 23 | 39 |
| 25 | 20-29 | 73 | 22.0 | 49.0 | 50 | 40-59 | 11 | 10 | 16 |
| 15 | 10-19 | 73 | 22.0 | 27.0 | 30 | 20-39 | 4 | 4 | 6 |
| 5 | 0-9 | 16 | 5.0 | 5.0 | 10 | 0-19 | 2 | 2 | 2 |
| TOTALS | | 323 | 100.0 | - | TOTALS | | 107 | 100 | - |

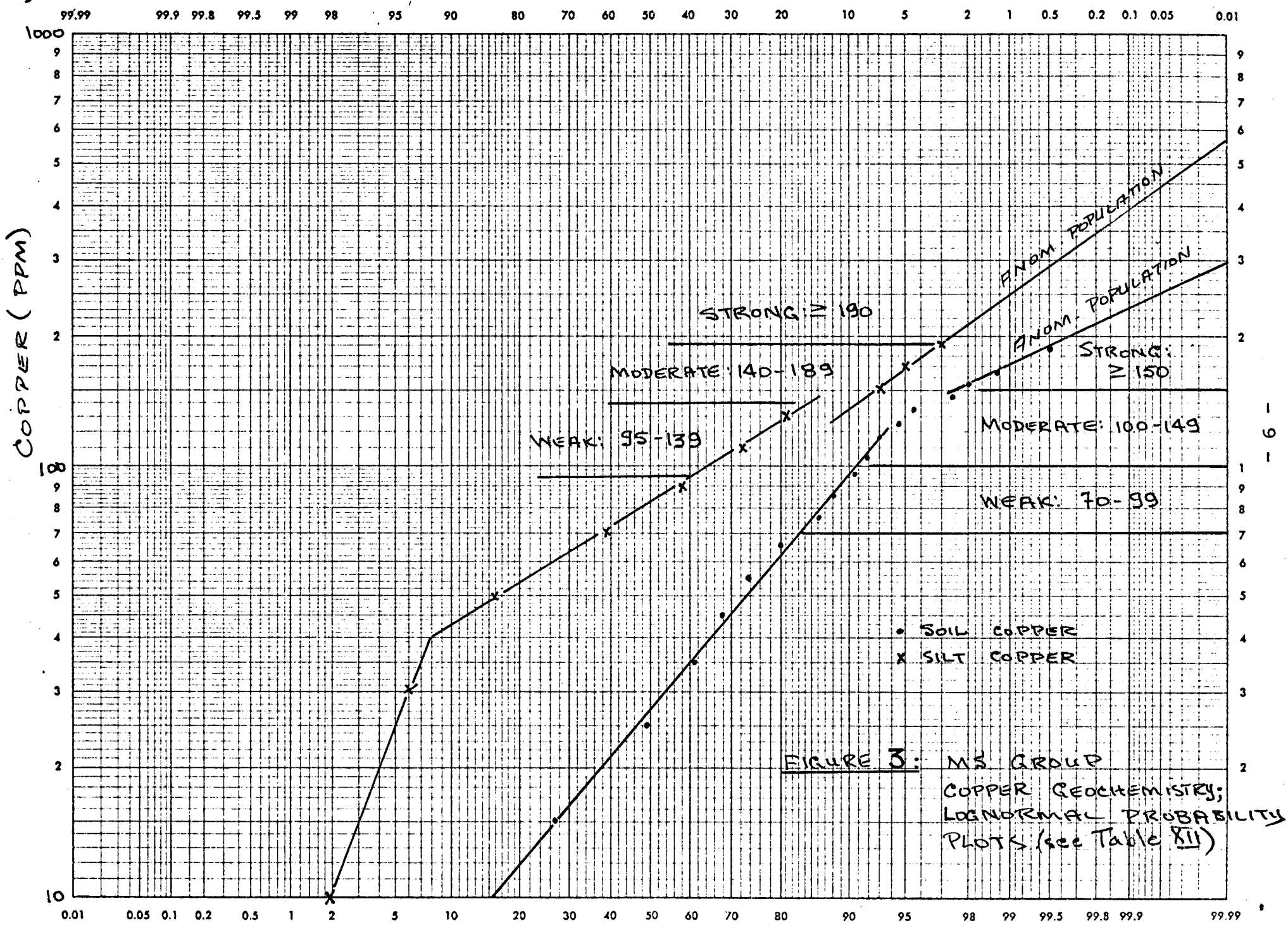


TABLE VI: MS Group Data; Lead Geochem

(see Figure 4)

| <u>Centre of Int.</u> | <u>Soils</u> | | | | <u>Silts</u> | | |
|---------------------------|-----------------|------------|--------------|--------------|--------------|--------------|--------------|
| | <u>Interval</u> | <u>No.</u> | <u>%</u> | <u>Cum.%</u> | <u>No.</u> | <u>%</u> | <u>Cum.%</u> |
| | 65 | 0 | - | - | 0 | - | - |
| 62 | 60-64 | 0 | - | - | 3 | 3.0 | 100.0 |
| 57 | 55-59 | 0 | - | - | 0 | - | - |
| 52 | 50-54 | 4 | 1.0 | 100.0 | 2 | 2.0 | 97.0 |
| 47 | 45-49 | 2 | .5 | 99.0 | 0 | - | - |
| 42 | 40-44 | 2 | .5 | 98.5 | 1 | 1.0 | 95.0 |
| 37 | 35-39 | 5 | 1.5 | 98.0 | 1 | 1.0 | 94.0 |
| 32 | 30-34 | 9 | 3.0 | 96.5 | 12 | 11.0 | 93.0 |
| 27 | 25-29 | 12 | 3.5 | 93.5 | 23 | 22.0 | 82.0 |
| 22 | 20-24 | 69 | 21.0 | 90.0 | 48 | 45.0 | 60.0 |
| 17 | 15-19 | 41 | 13.0 | 69.0 | 9 | 8.5 | 15.0 |
| 12 | 10-14 | 90 | 28.0 | 56.0 | 6 | 5.5 | 6.5 |
| 7 | 5-9 | 67 | 21.0 | 28.0 | 0 | - | - |
| 2 | 0-4 | <u>22</u> | <u>7.0</u> | <u>7.0</u> | <u>1</u> | <u>1.0</u> | <u>1.0</u> |
| | TOTALS | <u>323</u> | <u>100.0</u> | <u>-</u> | <u>106</u> | <u>100.0</u> | <u>-</u> |

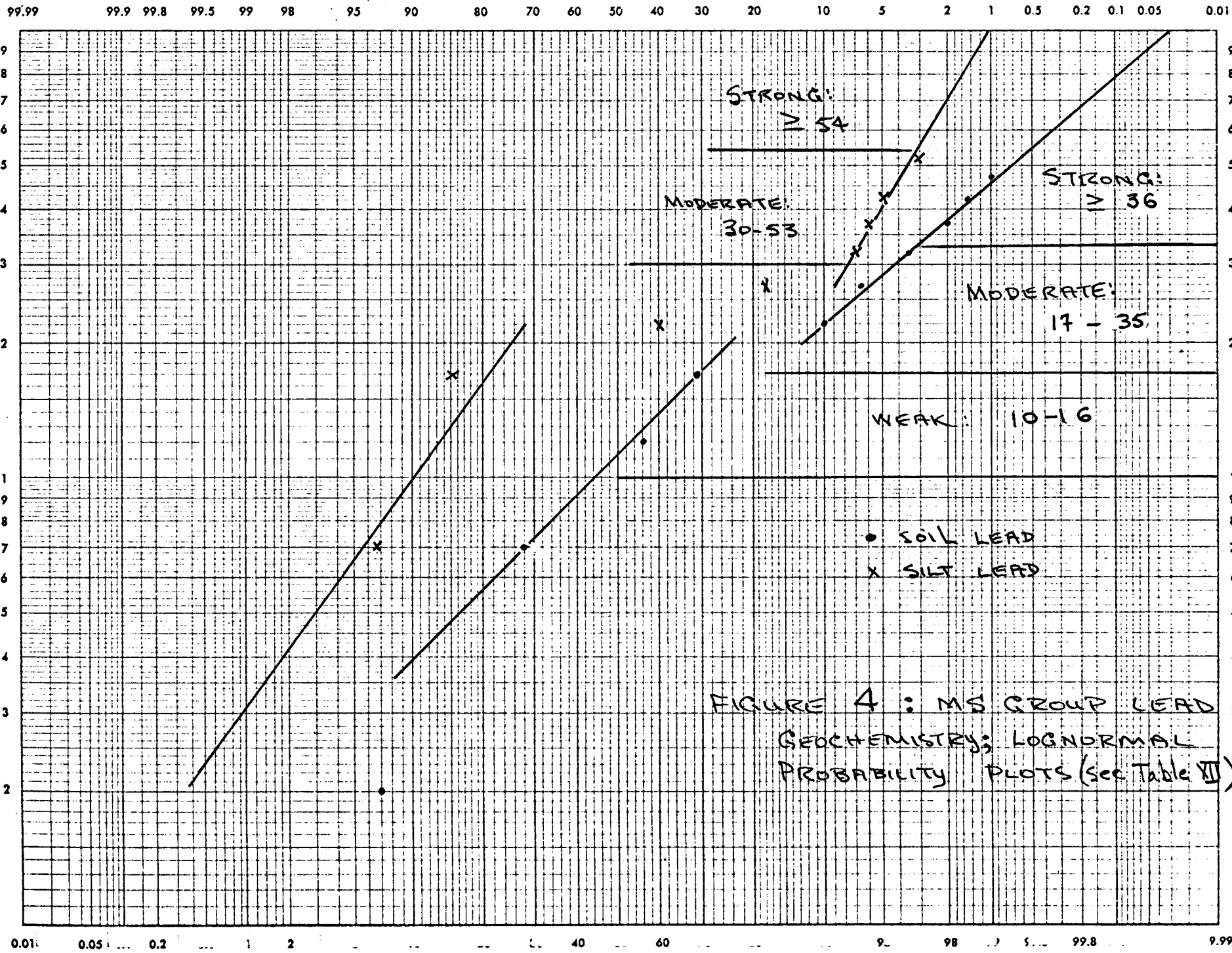


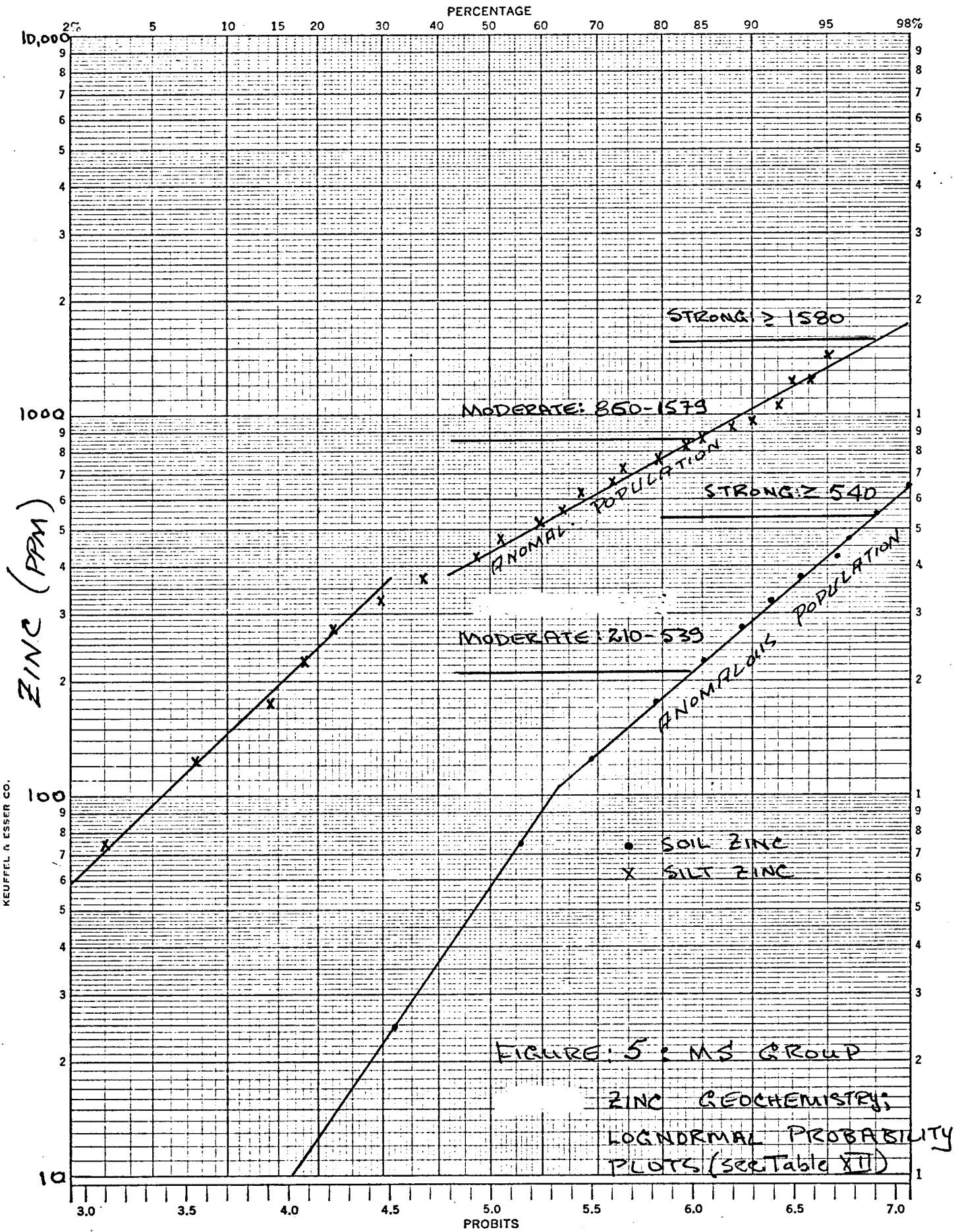
FIGURE 4 : MS GROUP LEAD
GEOCHEMISTRY; LOGNORMAL
PROBABILITY PLOTS (See Table II)

11 -
LEAD (PPM)

TABLE VII: MS Group Data: Zinc Geochem

(see Figure 5)

| Centre of Int. | Soils | | | | Silts | | |
|-------------------|-----------|------------|--------------|-------------|------------|--------------|------------|
| | Interval | No. | % | Cum.% | No. | % | Cum.% |
| | 1500 | 0 | - | - | 5 | 4.5 | 100.0 |
| 1475 | 1450-1455 | 0 | - | - | 1 | 1.0 | 95.0 |
| 1425 | 1400-1449 | 0 | - | - | 0 | - | - |
| 1375 | 1350-1399 | 0 | - | - | 0 | - | - |
| 1325 | 1300-1349 | 0 | - | - | 0 | - | - |
| 1275 | 1250-1299 | 0 | - | - | 1 | 1.0 | 94.0 |
| 1225 | 1200-1249 | 0 | - | - | 1 | 1.0 | 93.0 |
| 1175 | 1150-1199 | 0 | - | - | 0 | - | - |
| 1125 | 1100-1149 | 0 | - | - | 0 | - | - |
| 1075 | 1050-1099 | 0 | - | - | 2 | 2.0 | 92.0 |
| 1025 | 1000-1049 | 0 | - | - | 0 | - | - |
| 975 | 950-999 | 1 | .5 | 100.0 | 2 | 2.0 | 90.0 |
| 925 | 900-949 | 0 | - | - | 3 | 3.0 | 88.0 |
| 875 | 850-899 | 0 | - | - | 2 | 2.0 | 85.0 |
| 825 | 800-849 | 1 | .5 | 99.5 | 4 | 3.5 | 83.0 |
| 775 | 750-799 | 0 | - | - | 6 | 5.5 | 79.5 |
| 725 | 700-749 | 0 | - | - | 2 | 2.0 | 74.0 |
| 675 | 650-699 | 0 | - | - | 6 | 5.5 | 72.5 |
| 625 | 600-649 | 3 | 1.0 | 99.0 | 4 | 3.5 | 67.0 |
| 575 | 550-599 | 3 | 1.0 | 98.0 | 4 | 4.0 | 63.5 |
| 525 | 500-549 | 3 | 1.0 | 97.0 | 9 | 8.0 | 59.5 |
| 475 | 450-499 | 1 | .5 | 96.0 | 5 | 4.5 | 51.5 |
| 425 | 400-449 | 7 | 2.0 | 95.5 | 11 | 10.0 | 47.0 |
| 375 | 350-399 | 7 | 2.0 | 93.5 | 8 | 7.5 | 37.0 |
| 325 | 300-349 | 8 | 2.5 | 91.5 | 8 | 7.5 | 29.5 |
| 275 | 250-299 | 14 | 4.0 | 89.0 | 4 | 4.0 | 22.0 |
| 225 | 200-249 | 19 | 6.0 | 85.0 | 4 | 4.0 | 18.0 |
| 175 | 150-199 | 33 | 10.0 | 79.0 | 7 | 6.5 | 14.0 |
| 125 | 100-149 | 44 | 13.0 | 69.0 | 5 | 4.5 | 7.5 |
| 75 | 50-99 | 77 | 24.0 | 56.0 | 1 | 1.0 | 3.0 |
| 25 | 0-49 | <u>101</u> | <u>32.0</u> | <u>32.0</u> | <u>2</u> | <u>2.0</u> | <u>2.0</u> |
| TOTALS | | <u>322</u> | <u>100.0</u> | <u>-</u> | <u>107</u> | <u>100.0</u> | <u>-</u> |



PROBABILITY
X CYC
KEUFFEL & ESSER CO.
46 8080
S.A.

TABLE VIII: Frequency and cumulative frequency data for TUNASTEN SOILS - M_S GROUP (see Fig. 6)

| Arithmetic Interval | Logarithmic Interval | Tally - Histogram | Frequency | Percent | Accumulative Percent |
|---------------------|----------------------|-------------------|-----------|---------|----------------------|
| 1,000 | 3.0 | | | | |
| 794 | 2.9 | | | | |
| 631 | 2.8 | | | | |
| 501 | 2.7 | | | | |
| 398 | 2.6 | | | | |
| 316 | 2.5 | | | | |
| 251 | 2.4 | | | | |
| 200 | 2.3 | | | | |
| 158 | 2.2 | | | | |
| 126 | 2.1 | | | | |
| 100 | 2.0 | | | | |
| 79 | 1.9 | | | | |
| 63 | 1.8 | | | | |
| 50 | 1.7 | | | | |
| 40 | 1.6 | | | | |
| 32 | 1.5 | | | | |
| 25 | 1.4 | | | | |
| 20 | 1.3 | | 1 | 0.4 | 100.0 |
| 16 | 1.2 | | | | |
| 13 | 1.1 | | | | |
| 10 | 1.0 | | 1 | 0.4 | 99.6 |
| 8 | 0.9 | | | | |
| 6 | 0.8 | | | | |
| 5 | 0.7 | | 8 | 2.3 | 99.2 |
| 4 | 0.6 | | | | |
| 3 | 0.5 | | | | |
| 2.5 | 0.4 | | | | |
| 2 | 0.3 | | 37 | 12.5 | 96.4 |
| 1.6 | 0.2 | | | | |
| 1.3 1.0 | 0.1 1.0 | | 3 | 1.0 | 83.9 |
| < 1.0 | < 0.0 | | 246 | 82.9 | 82.9 |
| TOTALS | | | 299 | 100.0 | |

TUNGSTEN - PPM

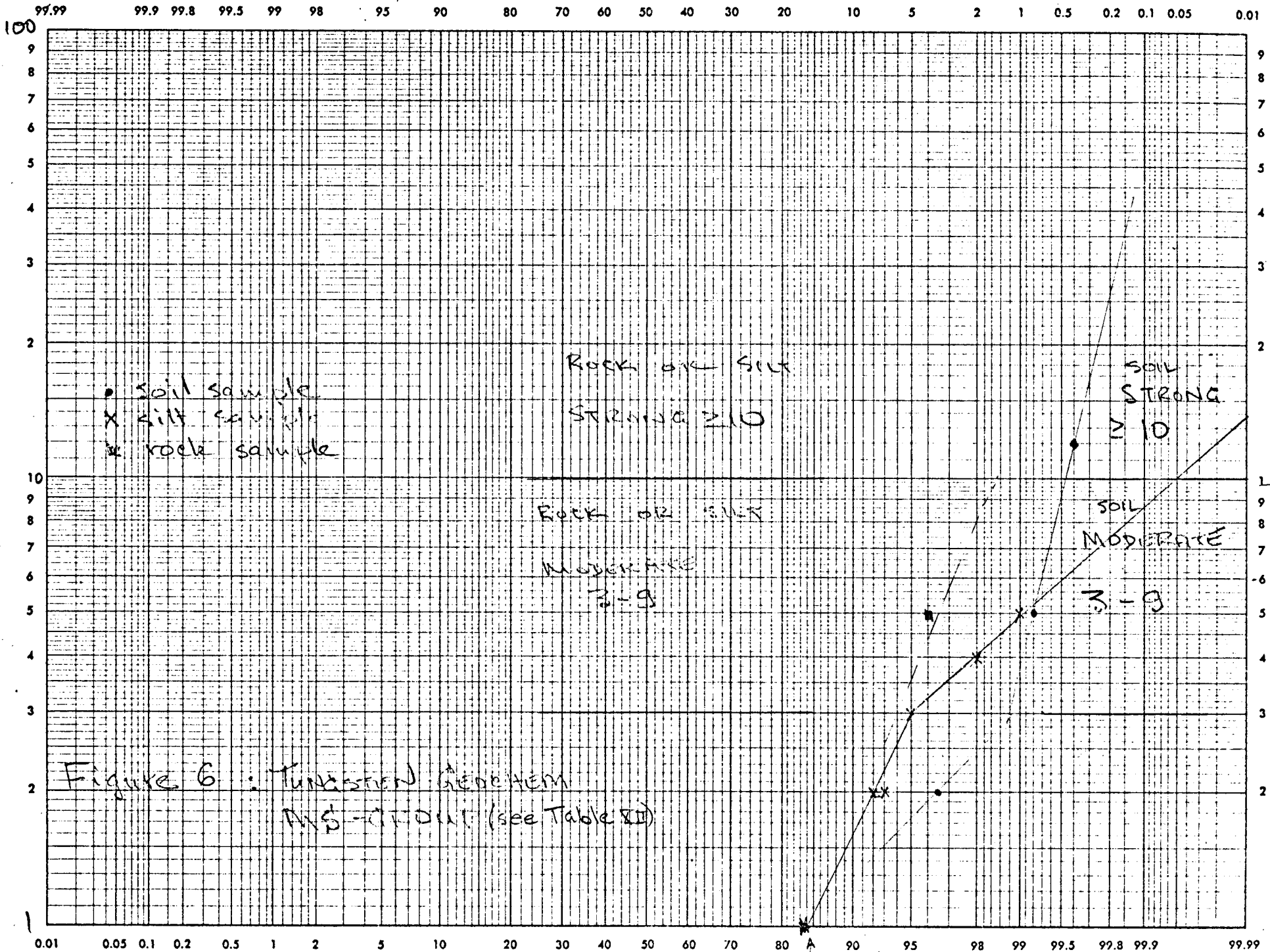


Figure 6 : Tungsten distribution
 MS - 11011 (see Table II)

- 16
 x

soil, silt & rock

TABLE X: Frequency and cumulative frequency data for
MS SOILS: MO (adjusted to acid digestion)
 (see Fig. 7)

| Arithmetic Interval | Logarithmic Interval | Tally - Histogram | Frequency | Percent | Accumulative Percent |
|---------------------|----------------------|-------------------|-----------|---------|----------------------|
| 1,000 | 3.0 | | | | |
| 794 | 2.9 | | | | |
| 631 | 2.8 | | | | |
| 501 | 2.7 | | | | |
| 398 | 2.6 | | | | |
| 316 | 2.5 | | | | |
| 251 | 2.4 | | | | |
| 200 | 2.3 | | | | |
| 158 | 2.2 | | | | |
| 126 | 2.1 | | | | |
| 100 | 2.0 | | | | |
| 79 | 1.9 | | | | |
| 63 | 1.8 | | | | |
| 50 | 1.7 | | | | |
| 40 | 1.6 | | | | |
| 32 | 1.5 | | 1 | .3 | 99.9 |
| 25 | 1.4 | | 1 | .3 | 99.6 |
| 20 | 1.3 | | 1 | .4 | 99.3 |
| 16 | 1.2 | | 3 | .9 | 98.9 |
| 13 | 1.1 | | 3 | .9 | 98.0 |
| 10 | 1.0 | | 11 | 3.4 | 97.1 |
| 8 | 0.9 | | 27 | 8.1 | 93.7 |
| 6 | 0.8 | | 21 | 6.5 | 85.6 |
| 5 | 0.7 | | 39 | 12.0 | 79.1 |
| 4 | 0.6 | | 0 | - | - |
| 3 | 0.5 | | 70 | 21.6 | 67.1 |
| 2.5 | 0.4 | | | | |
| 2 | 0.3 | | 147 | 45.5 | 45.5 |
| 1.6 | 0.2 | | | | |
| 1.3 | 0.1 | | | | |
| 1.0 | 0.0 | | | | |
| TOTALS | | | 324 | 99.9 | |

TABLE XI : Frequency and cumulative frequency data for
M.S. SILTS (Mo/adjusted to acid digestion)
 (see Fig. 7)

| Arithmetic Interval | Logarithmic Interval | Tally - Histogram | Frequency | Percent | Accumulative Percent |
|---------------------|----------------------|------------------------------|-----------|---------|----------------------|
| 1,000 | 3.0 | | | | |
| 794 | 2.9 | | | | |
| 631 | 2.8 | | | | |
| 501 | 2.7 | | | | |
| 398 | 2.6 | | | | |
| 316 | 2.5 | | | | |
| 251 | 2.4 | | | | |
| 200 | 2.3 | | | | |
| 158 | 2.2 | <i>R</i> | | | |
| 126 | 2.1 | <i>R</i> | | | |
| 100 | 2.0 | | | | |
| 79 | 1.9 | <i>100</i> <i>4</i> <i>1</i> | | | |
| 63 | 1.8 | | | | |
| 50 | 1.7 | | | | |
| 40 | 1.6 | | | | |
| 32 | 1.5 | | | | |
| 25 | 1.4 | | | | |
| 20 | 1.3 | | | | |
| 16 | 1.2 | <i>96</i> <i>4</i> <i>1</i> | 1 | 1 | 100 |
| 13 | 1.1 | | | | |
| 10 | 1.0 | | | | |
| 8 | 0.9 | | | | |
| 6 | 0.8 | | | | |
| 5 | 0.7 | | | | |
| 4 | 0.6 | | | | |
| 3 | 0.5 | | | | |
| 2.5 | 0.4 | | | | |
| 2 | 0.3 | | | | |
| 1.6 | 0.2 | | | | |
| 1.3 | 0.1 | | | | |
| 1.0 | 0.0 | | | | |
| TOTALS | | | 104 | 100 | |

PPM Mo (adjusted to acid digestion)

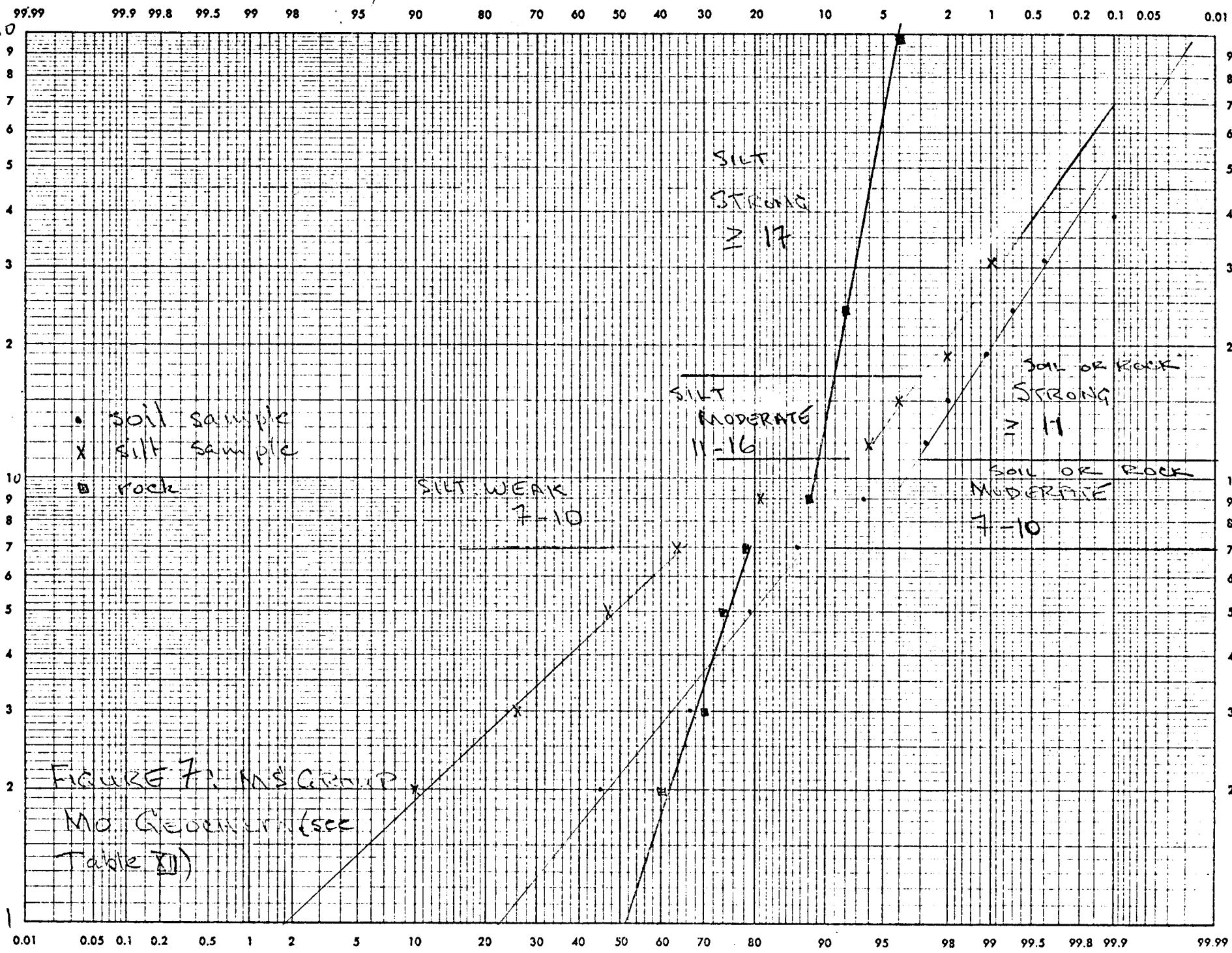


TABLE XII: MS Group, Anomaly Interpretation

COPPER (PPM)

| | <u>Strong</u> | <u>% of Dist.</u> | <u>Moderate</u> | <u>% of Dist.</u> | <u>Weak</u> | <u>% of Dist.</u> | <u>Reference</u> |
|-------|---------------|-------------------|-----------------|-------------------|-------------|-------------------|----------------------|
| Soils | 150 | 3% | 100-149 | 6% | 70-99 | 6% | Table V and Figure 3 |
| Silts | 190 | 3% | 140-189 | 13% | 95-139 | 27% | |

LEAD (PPM)

| | | | | | | | |
|-------|----|----|-------|-----|-------|-----|-----------------------|
| Soils | 36 | 3% | 17-35 | 13% | 10-16 | 38% | Table VI and Figure 4 |
| Silts | 54 | 3% | 30-53 | 5% | - | - | |

ZINC (PPM)

| | | | | | | | |
|-------|------|----|----------|-----|---|---|------------------------|
| Soils | 540 | 3% | 210-539 | 13% | - | - | Table VII and Figure 5 |
| Silts | 1580 | 3% | 860-1579 | 13% | - | - | |

TUNGSTEN (PPM)

| | | | | | | | |
|-------|----|----------------|-----|------------|---|---|-------------------------------|
| Soils | 10 | .5% | 3-9 | 1% | - | - | Tables IX and X, and Figure 6 |
| Silts | 10 | .05% (1.5%) | 3-9 | 5% (6%) | - | - | |

MOLYBDENUM (PPM)

| | | | | | | | |
|--------------|----|-------------|------|--------------|---|---|---------------------------------|
| Soils (Rock) | 11 | 3% (11%) | 7-10 | 10% (10%) | - | - | Tables XI and XII, and Figure 7 |
| Silts | | | | | | | |

TABLE XIII Main Anomalous Areas on MS Group

| <u>Anomaly</u> | | <u>MS Claims</u> | <u>Reference</u> | <u>Remarks</u> |
|----------------|-----|-----------------------------|------------------|-------------------------------|
| "Value" | I | Junction 30,31,32,33 | Map 1 | 1400 ft. long |
| "Value" | II | Junction 10,11,30,31 | Map 1 | 900 ft. long |
| "Value" | III | S.W. corner 10 | Map 1 | Open |
| Copper | I | 38,39,37 | Map 2 | 1400 ft. long |
| Copper | II | Junction 30,31,32,33 | Map 2 | 1400 ft. long |
| Copper | III | Southern part 30 | Map 2 | Poorly defined |
| Lead | I | Junction 34,35 | Map 3 | Weak |
| Lead | II | Junction 32,33,31 | Map 3 | Weak |
| Lead | III | Junction 39,37 | Map 3 | Weak |
| Zinc | I | Junction 40,41,38, 39,37 | Map 4 | Weak |
| Zinc | II | Mainly 30, Partly 32, 31 | Map 4 | Weak |
| Tungsten | I | Mainly 10,31 | Map 5 | Weak |
| Molybdenum | I | Mainly 30,31,10 11 | Map 6 | Strongest in rock analyses |
| Molybdenum | II | Mainly 34,37,36 | Map 6 | Poorly defined |
| Molybdenum | III | Mainly east half 40, 41 | Map 6 | Weak |
| Molybdenum | IV | Mainly 99 | Map 6 | Weak |

SUMMARY AND RECOMMENDATIONS

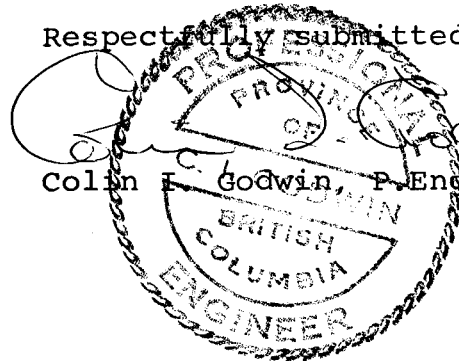
Two general areas that merit follow-up have been defined by soil and silt geochemistry. A continuing program should include:

1. Establishment of a grid over the two follow-up areas. Lines should be two hundred feet apart parallel to the claim line; samples should be at 100 ft. stations along these lines.
2. Detailed magnetometer survey of the grid (1 above).
3. Mapping of geology within grid area.
4. Reconnaissance magnetometer and geology over the claim area with coverage similar to that of Maps 1 to 6.

Respectfully submitted,


Colin F. Godwin, P. Eng. (B.C.)

December, 1973



SUMMARY OF COSTS
MS CLAIM GROUP
(to Dec. 31, 1973)

| | <u>Reference</u> | <u>Wages</u> | <u>Expenses</u> | <u>Total</u> |
|--------------------|------------------|-------------------|-------------------|-------------------|
| Staking | "B" | | | |
| Geology | "C" | 2,398.55 | - | |
| Geochem | "D" | 179.74 | 1,595.32 | |
| Camp | "E" | 72.26 | 361.77 | |
| Transportation | | | | |
| - Miscellaneous | "F" | | 130.92 | |
| - Rotary Wing | "F" | | 1,603.97 | |
| - Fixed Wing | "F" | _____ | 73.40 | |
| | | <u>\$2,650.55</u> | <u>\$3,765.38</u> | \$6,415.93 |
| District Expense | "H" | | | \$ <u>461.92</u> |
| | | | | \$6,877.85 |
| Administration 10% | | | | \$ <u>687.79</u> |
| | | | | <u>\$7,565.64</u> |

Note: Invoices for amounts over \$200.00 are included. Invoices for lesser amounts provided upon request.

DYNASTY EXPLORATIONS LIMITED


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

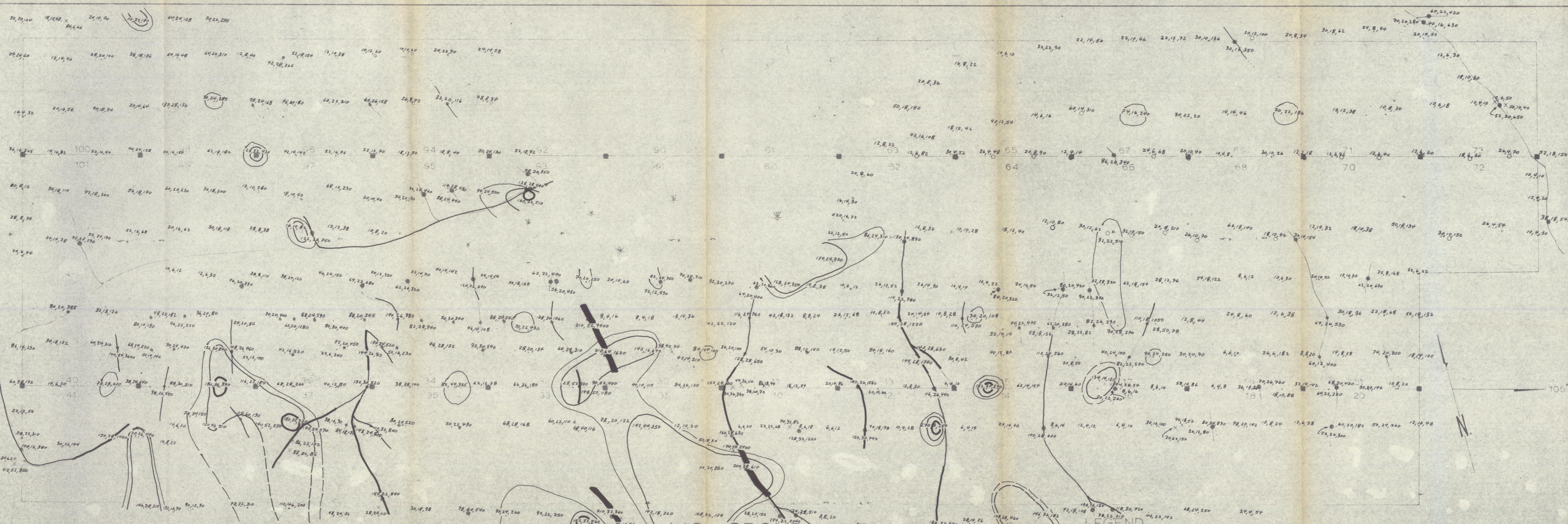
AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, COLIN I. GODWIN, Geologist, Dynasty Explorations Limited, of Vancouver, British Columbia, do hereby state that, to the best of knowledge and belief, the statement of costs presented in this report (Geochemical Report Sand and Gun Claim Groups) is both correct and true.


Colin I. Godwin

14 Feb. 1974
Date


Notary Public in and for the
Province of British Columbia.



DYNASTY EXPLORATIONS LTD
SELWYN PROJECT - 1973

MS GROUP
NTS 105J-16

DETAILED GRID GEOCHEMISTRY

Cu

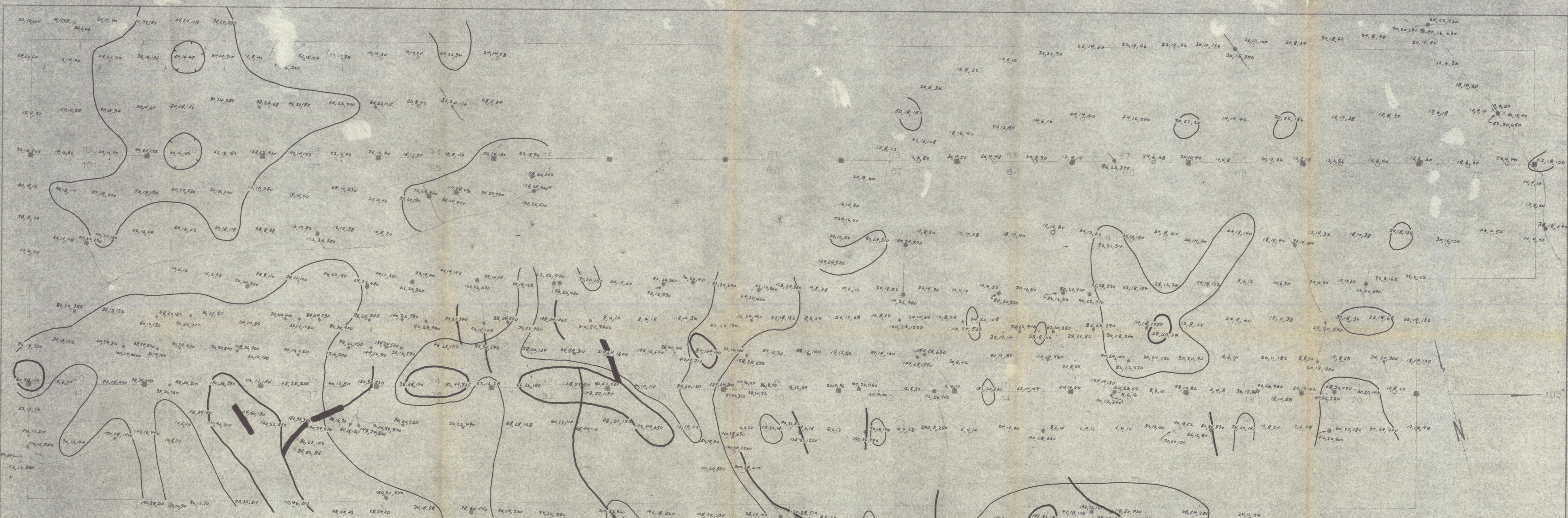
Scale 1 inch = 500 feet

LEGEND

- claim line, post name
- sample type: ● silt, ○ soil, × rock, other
- analysis in ppm: 109, 45, 674
Cu, Pb, Zn

| Silt worms | Interval ppm Cu | Soil contours |
|------------|-----------------|---------------|
| — | ≥ 190 | — ≥ 150 ppm |
| — | 140 - 189 | — = 100 |
| — | 95 - 139 | — = 70 |

Cu
MAP: 2



DYNASTY EXPLORATIONS LTD.
SELWYN PROJECT - 1973

MS GROUP
NTS 105J-16

DETAILED GRID GEOCHEMISTRY

Pb

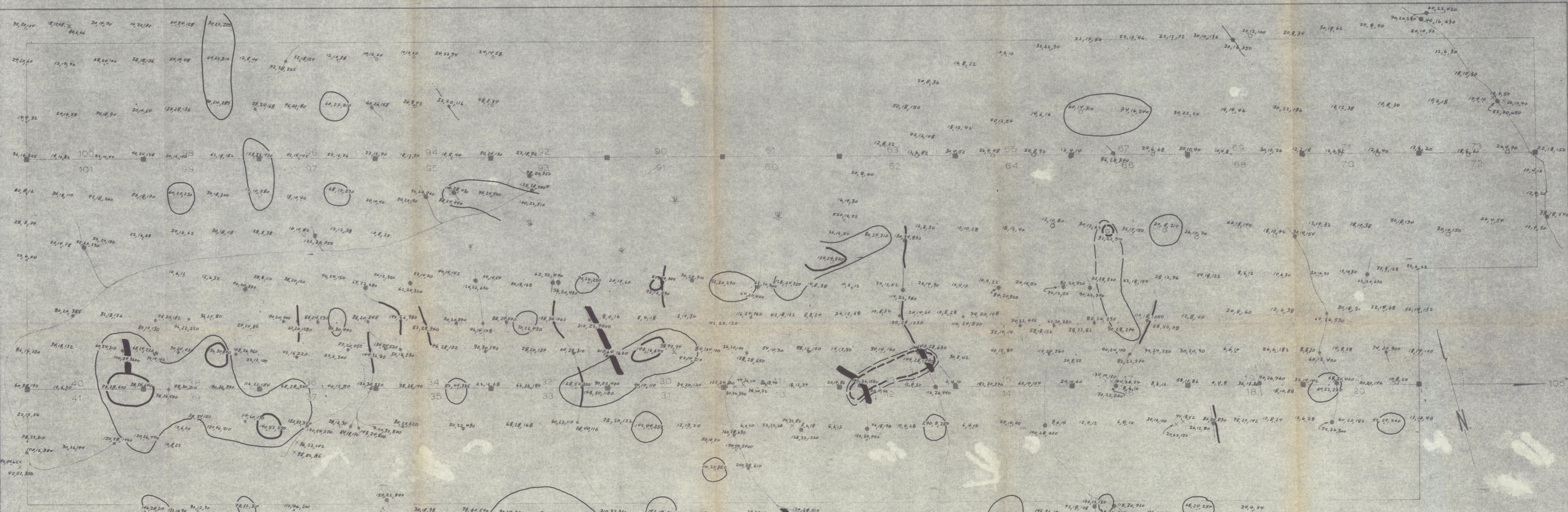
Scale: 1 inch = 500 feet

LEGEND

claim line post name
sample type ● silt ○ soil × rock ○ other
analysis in ppm: 109, 45, 674
Cu, Pb, Zn

| Silt worms | Interval | ppm Pb | Soil contours |
|------------|----------|--------|---------------|
| | 54 | | 36 ppm |
| | 30 53 | | 17 |

Pb
MAP: 3



DYNASTY EXPLORATIONS LTD.
SELWYN PROJECT - 1973

MS GROUP
NTS 105J-16
DETAILED GRID GEOCHEMISTRY

Zn

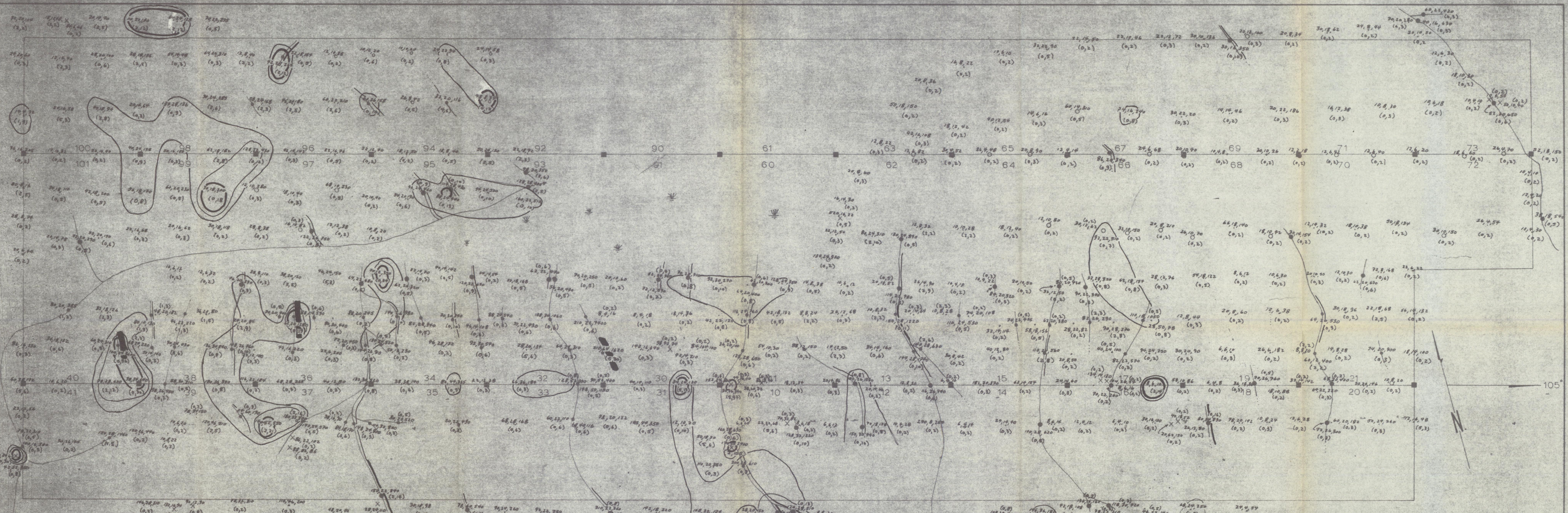
Scale 1 inch = 500 feet

LEGEND

- claim line, post name
- sample type: silt
- soil
- x rock
- o other
- analysis in ppm: 109, 45, 674
Cu, Pb, Zn

| Silt worms | Interval ppm Zn | Soil contours |
|------------|-----------------|---------------|
| | ≥ 1580 | — ≥ 540 ppm |
| | 860 - 1579 | — = 210 |

Zn
MAP: 4



DYNASTY EXPLORATIONS LTD.
SELWYN PROJECT - 1973

MS GROUP

NTS: 105J-16

DETAILED GRID GEOCHEMISTRY

Scale: 1 inch = 500 feet

LEGEND

- claim line, post, name
- silt soil
- rock other
- analysis in ppm: 109, 45, 674
Cu, Pb, Zn
(0.4) = W, Mo

| Silt worms | Interval | ppm Mo | Soil contours |
|------------|----------|---------|---------------|
| — | | 17 | 11 |
| — | | 11 - 16 | 7 - 10 |
| — | | 7 - 10 | |

Mo
MAP: 6