



GEOLOGICAL AND GEOCHEMICAL REPORT

JOY AND AJAX CLAIM GROUPS, Y.T.

Watson Lake Mining District

Yukon Territory

Latitude : 62°41' N

Longitude : 130°06' W

N.T.S. 105-J-9

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

\$10,259.91

Resident Geologist or
Resident Mining Engineer

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

Commissioner of Yukon Territory

Field work covering the period
August 6th to September 15th, 1973

Report and Interpretation
November 1973

By:

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

DYNASTY EXPLORATIONS LIMITED

November, 1973

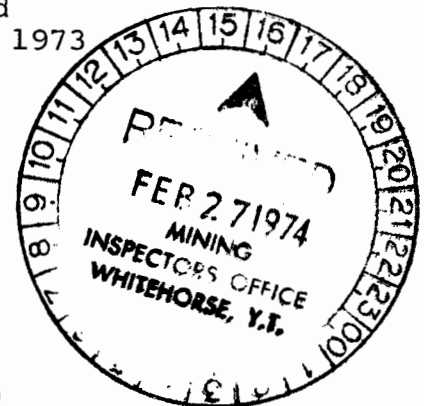


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IN POCKET BACK OF REPORT

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TABLE I
LIST OF CLAIMS

<u>Claim</u>	<u>Claim Number</u>	<u>Grant Number</u>	<u>Recording Date</u>
AJAX	1-14 inclusive	Y73760-Y73773	July 25, 1973
JOY	1	Y64580	July 24, 1972
	2-16 inclusive	Y72678-Y72692	March 26, 1973
	17-48 inclusive	Y73774-Y73805	July 25, 1973

TABLE II
PERSONS INVOLVED IN WORK PROGRAM

John D. Curry	B.Sc., P. Geol.	Apt. 904, 9909-104th St., Edmonton, Alberta
Colin Godwin	B.A.Sc., P.Eng.	330-355 Burrard Street, Vancouver, B.C.
R. Morris	Geological Asst.	c/o Tom Stokie, P.O. Box 92, Ferne, B.C.
L. Dellow	Assistant	1620 E.36th Avenue, Vancouver 15, B.C.
G. May	Assistant	1379 W.58th Avenue, Vancouver 15, B.C.
P. Sihota	Assistant	104- 2310 W. 2nd Vancouver, 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.

GEOLOGICAL AND GEOCHEMICAL REPORT JOY AND AJAX CLAIM GROUPS, Y.T.

INTRODUCTION

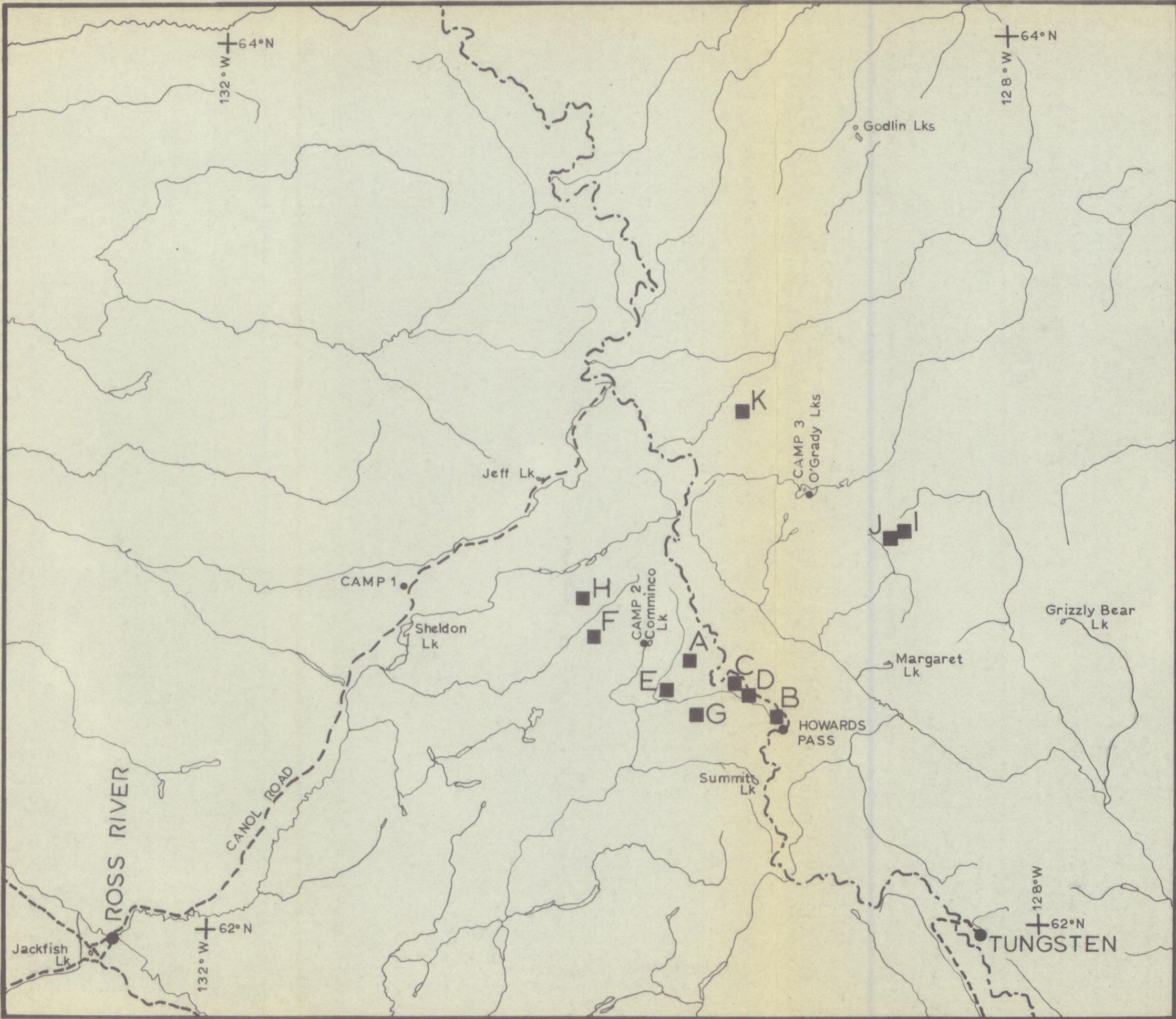
Location and Access

The 48 claim Joy and 14 claim Ajax Groups are located approximately 90 miles northeast of Ross River (see Figure 1) in Yukon Territory on N.T.S. map sheet 105-J-9 near $62^{\circ}41'N$, $130^{\circ}06' W$ (see Figure 2 and Table I). Map 1 is a blow-up print of air photo A12245-381 on a scale of 1 inch to $\frac{1}{4}$ mile with claim locations roughly superimposed on the photo.

The property is mainly from elevation 4500 feet to 6000 feet. Treeline is at approximately 5000 feet. A prominent hill formed from a granitic stock dominates the topography of the Joy Group.

Access to the property in 1973 was mainly by helicopter from Cominco Lake. This lake is about 17 miles east of the properties and can be utilized by float plane from about June 10th, when break-up occurred in 1973. Alternative access would be via Sheldon Lake on the North Canal Road, 32 miles to the west, or from Summit Lake, 35 miles to the southeast. A winter road to within 35 miles of the property, originating at Tungsten, N.W.T., was used by Placer Development Ltd. during the winter of 1972-73 and construction of an all-weather road between Tungsten and the Placer Howard's Pass property is likely.

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

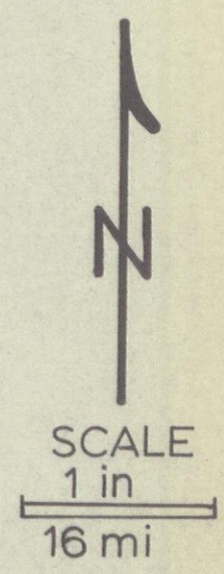
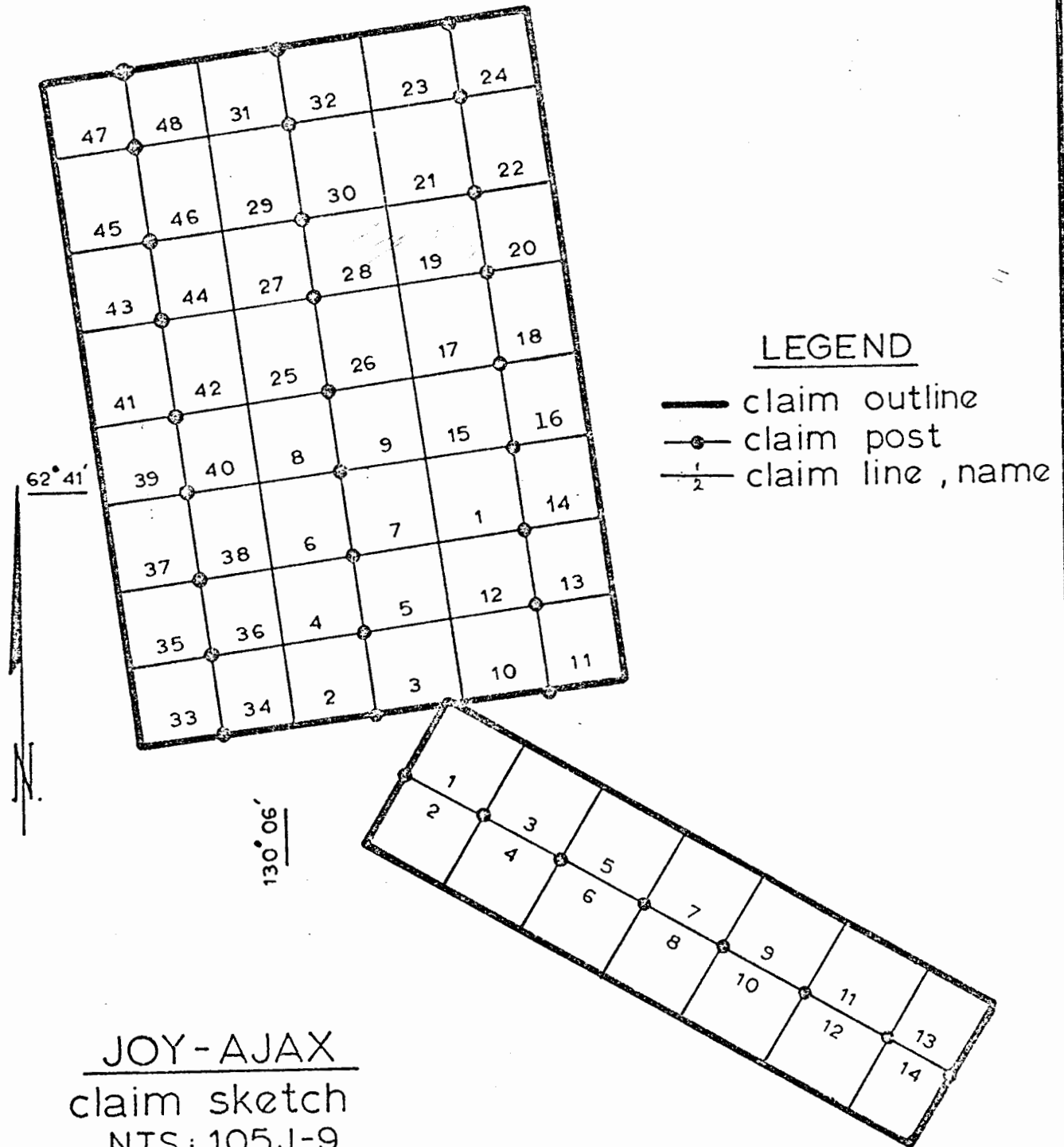


FIGURE 1:
Index Map
Claim Groups

DYNASTY EXPLORATIONS LTD. SELWYN PROJECT - 1973



JOY-AJAX
claim sketch
N.T.S.: 105J-9
Scale: 1 in. = 1/2 mi.

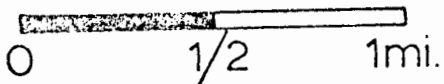


FIGURE: 2

General

Claims Joy 1 to Joy 16 were staked in July 1972 by J. Carson. The area had previously been staked July 1969 by Newmont as the Sean Group. Newmont conducted only preliminary surveys.

Claims Joy 17 to Joy 48 and Ajax 1 to 14 were recorded July 25, 1973. Dynasty Explorations Limited optioned the Joy and Ajax claim groups from J. Carson, Teslin, Y.T., in July and a formal agreement between the two parties was made on September 24, 1973.

Reconnaissance geochemical samples were collected over the 2 days from August 6 to August 7 1973, and the group was mapped on a scale of 1 inch to $\frac{1}{4}$ mile. Several days of detailed prospecting, on the Joy Group scheelite bearing tungsten stock and contacts, was also conducted.

For the 16 days from August 31 to September 15 1973, follow-up work consisting of soil geochemical sampling and geological mapping at a scale of 1 inch to 200 feet was done to test anomalous sections outlined at 1 inch to $\frac{1}{4}$ mile scale.

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

GEOLOGY

General

Map 2 is a print of an overlay from Map 1 and shows the general geology of the Joy and Ajax claim groups. Table III illustrates geological units on the group. These units are discussed in the following sections in more detail under the categories: intrusive stock, contact zone, and sedimentary rocks.

TABLE III: Geological Units-
Joy and Ajax Claim Groups

3	Intrusive; porphyritic quartz monzonite
2	Slightly skarnified limestone; argillite, silicified shales and minor hornfels
1b	Phyllite; possibly equivalent to 1 and 1a
1a	Unit 1 with dolomitic beds
1	Black-grey shale

Intrusive Stock

The prominent peak on the Joy property is a porphyritic quartz monzonite stock that is about ¼ mile in diameter (see Map 2) and mid-Cretaceous (Geol. Survey Canada, Map 12-1961) in age. The stock intrudes older shales, phyllites and minor carbonate rocks. Depth of sedimentary units over the stock may be shallow, particularly to the east and south; this is suggested by the position of the 58,800 gamma contour (see Map 2) from the aeromagnetic map of the Geological Survey of Canada (Map 4402G). Locally feldspar phenocrysts are poorly foliated.

A prominent joint set at approximately 010° and vertical is consistent over the entire stock and sub-parallel to the foliation of feldspar phenocrysts where the latter was noted. The joint faces are frequently greisenized (muscovite, quartz assemblage) for about $\frac{1}{4}$ inch into the wall rock and fracture space has often been filled with white vein quartz. Scheelite accompanies the vein quartz and greisen zones but was not noted in the fresh granitic rock. Since only altered and vein-filled joints are mineralized and because these are widely spaced and consistent over the stock, no reasonable large areas approaching economic grade were found or seem likely. Higher grade specimens of greisen selected in the field with an ultra-violet lamp ran 0.26% WO_3^* and 1.60% WO_3^* . A sample over approximately 30 feet taken to represent a zone of more closely spaced joints, greisen and quartz veins bearing scheelite ran 0.06% WO_3^* . Scheelite was rare beyond this zone. Tetrahedrite, found in scheelite-barren quartz vein float on the northeast face of the stock, yielded: Au trace* and Ag. 47.82 oz/ton*.

Contact Zone

Surrounding the stock is a minor zone of slightly rusty, hornfelsed shales and minor skarnified limestone beds. In the hornfelsed shales or argillite minerals noted include: up to 2 percent disseminated pyrrhotite; trace chalcopyrite and pyrite; trace fluorite. No scheelite was observed. On the northwest shoulder of the stock trace amounts of scheelite were found in association with diopsidic skarn and in $\frac{1}{2}$ inch quartz veins cutting the skarn. The amount of scheelite found was not encouraging.

A small zone of finely disseminated sphalerite was noted in a small area of altered and silicified rocks on claim Joy 5 (see Map 2 and Map 10). Analysis of a specimen of visually

* Whitehorse Assay Office Ltd., Whitehorse, Y.T.

higher grade material from this area yielded: 0.91% Pb, 2.42% Zn and 0.06 oz/ton Ag. (Acme Laboratories Ltd., 6455 Laurel Street, Burnaby 2, B.C.).

Sedimentary Rocks

Division of the sedimentary rocks is shown in Table III. The area is outcrop poor and, consequently, the geology of the sedimentary rocks is generalized to shale, shale with dolomitic beds and phyllite.

Locally the rocks are very phosphatic. Variscite, a relatively rare hydrated phosphate of aluminum and iron, has been tentatively identified by the writer on claims: Joy 17, Joy 18 and Joy 25. The gossan on claims Joy 19 and 20 is largely rusty vegetal matter. The gossan may be a result of annual decay and accumulation of anomalously abundant plant growth stimulated by nutritive, phosphatic waters draining the variscite area of Joy 17 and Joy 18. Analyses for vanadium in the variscite localities were erratically high (up to 1550 ppm). Values to 1600 ppm vanadium were also noted in the gossan.

Structural trends in the sedimentary units are northwest-southeast. Folds are gently plunging and attitudes of axial plane cleavage are generally steeply-dipping.

GEOCHEMISTRY

General

Table IV classifies the type and number of samples taken on the Joy and Ajax claim groups. Analyses were performed by Acme Analytical Laboratories Ltd., 6455 Laurel Street, Burnaby 2, B.C. Samples were routinely analyzed for copper, lead and zinc. Regional samples were additionally analyzed for tungsten. A few selected samples were analyzed for vanadium only.

TABLE IV: Classification of Joy & Ajax Samples

<u>Type</u>	<u>Approx. Area</u>	<u>Geochem: Cu, Pb, Zn.</u>			
		<u>Silt</u>	<u>Soil</u>	<u>Rock</u>	<u>Other</u>
Ajax Regional	(1.2 mi. ²)	36	1	1	
Ajax Detail	3400'x1040' = 3.5M ft. ²	0	567	10	
	Ajax-Total	36	568	11	
Joy Regional	(4.8 mi. ²)	43	40	23	17 ("v" only)
Joy Detail	4400'x6800'x 2400'x3200' = 37.7M. ft. ²	0	538	13	0
	Joy-Total	43	578	36	17

Integrated Value

An even number called here the integrated value for copper, lead and zinc is plotted at 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 V shows how an integrated metal value is calculated 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 V: 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.

Reconnaissance Geochemistry

Map 3 (scale 1 inch to $\frac{1}{4}$ mile) is a print of an overlay of Map 1 or Map 2. Sample locations for all reconnaissance samples are shown with sample name, type, pH (where applicable) and an integrated value that considers the combination of copper, lead, zinc and pH.

Map 3a shows stream worm diagrams and soil contours based on the values noted on Map 3. Values clearly increase toward the stock or toward the aeromagnetic anomaly to the south of the stock centre.

Map 4 shows the same site locations as Map 3 but results in ppm. for copper, lead, zinc and tungsten are plotted beside each site, except for a few rock samples that were analyzed only for vanadium and show the results in ppm in brackets.

Map 4a shows stream worm diagrams and soil contours based on copper results noted on Map 4. Maps 4b and 4c are similar to 4a only plots are for lead and zinc results.

All these maps point to metal sources from and/or peripheral to the granitic stock and related aeromagnetic anomaly. Possible exceptions from this source would appear to be slightly higher stream sediment values from the centre of the Ajax Group, and claims Joy 37 and Joy 39.

Detail Geochemistry - Ajax Group

Maps 6 to 9 show contours of value, copper, lead and zinc soil results respectively. Anomalous areas are generally spot highs and elongate anomalies which, in part, may be due to grid bias (lines 400 ft. apart, with samples every 200 ft. along lines).

An irregularly shaped, large 3000 ft. by 1400 ft. anomaly roughly centred at 24+00N and 4+00W, is outlined on Map 6. This anomaly occurs on claims Ajax 4 and Ajax 6 to Ajax 10. Results are erratic but the highest are shown in Table VI.

TABLE VI: Highest Results from Ajax Anomaly
Centred at 24+00N and 4+00W

<u>Value and Metal Character</u>	<u>P.P.M.</u>			<u>Claim</u>
	<u>Copper</u>	<u>Lead</u>	<u>Zinc</u>	
26 CPZ	140	130	9200	Ajax 8
24 CPZ	130	2100	1740	Ajax 10
22 PZ	92	370	1760	Ajax 7
20 CZ	140	30	5500	Ajax 9

The claim line crossing the Ajax anomaly was traversed with a Sharpe MF-1 magnetometer. No anomaly was detected, albeit, the highest geochemical sites were not covered in this reconnaissance. No systematic magnetometer coverage was undertaken.

Detail Geochemistry - Joy Group

Maps 11 to 14 show contours of value, copper, lead and zinc soil results respectively. The northwest portion of the grid is not anomalous. Most anomalies are spot highs and increase in size and number toward the intrusive stock.

The area of the sample (see Geology: Contact Zone) containing visible, disseminated zinc that assayed 0.01% Pb, 2.42% Zn and 0.06 oz/ton Ag. is surrounded by non-anomalous soil samples (all at least 100 feet distant) but two rock samples within 200 feet yielded 310 and 80 ppm Cu, 14 and 50 ppm Pb and 8400 and 265 ppm Zn. Although these rock samples are slightly anomalous, the area appears small and of marginal interest.

An irregular large, 2000 ft. by 600 ft. anomaly roughly centred at 4+00S and 18+00E is outlined on Map 11. This anomaly occurs on claims: Joy 3, Joy 4 and Joy 34. Results are variable but the highest are shown in Table VII.

TABLE VII: Highest Results from Joy Anomaly
Centred at 4+00S and 18+00E

<u>Value and Metal Character</u>	<u>P.P.M.</u>			<u>Claim</u>
	<u>Copper</u>	<u>Lead</u>	<u>Zinc</u>	
20 PZ	96	270	1520	Joy 4
18 CZ	162	20	6100	Joy 4
18 CZ	130	20	7600	Joy 4

SUMMARY


A porphyritic quartz monzonite stock intruded shale and phyllite units with minor beds of limestone and dolomite. Scheelite in minor, apparently non-economic amounts, has been noted in the intrusive itself along quartz-veined and greisenized joints, and in minor skarn surrounding the stock. Argillite and hornfelsed shales and phyllites have not yielded any scheelite.

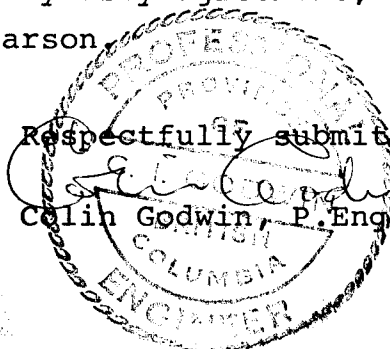
Geochemical anomalies are mainly erratic and spot highs, unless sites are close to the periphery of the stock or the magnetic anomaly marking the stock. Two possible exceptions exist: the Ajax anomaly centred at 24+00N, 4+00W, and the Joy anomaly centred at 4+00S, 18+00E. Results for both of these anomalies tend to be erratic in copper, lead and zinc. The integrated value maps tends to smooth these differences to produce a coherent anomaly much larger than if only individual metals are considered one at a time. This is not an attractive feature because black shales, skarns and hornfels or argillites in the area appear to be erratically mineralized with only traces of economic minerals. Locally mineralized quartz veins may be factors contributing to the spot high nature of many of the anomalies.

A stratigraphic environment analogous to the Placer Howard's Pass lead-zinc property was not recognized.

RECOMMENDATIONS

The Joy and Ajax anomalies are marginally attractive and at this time merit only detailed magnetometer and further soil geochemical analysis. Since this type of program is not within the framework allowed by the Carson-Dynasty agreement, the property should be returned to J. Carson.

Respectfully submitted,

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



November 1973

SUMMARY OF COSTS
JOY-AJAX CLAIM GROUPS

	<u>Schedule Number</u>	<u>Wages</u>	<u>Expenditures</u>	<u>Total</u>
Geology	"B"	1,204.74		
Geochemistry	"C"	729.13		
Assays	"C"		2,135.64	
Camp & Field Expense	"D"	92.11	1,056.05	
Misc. Freight & Transpt.	"E"		257.56	
Rotary Wing	"E"		3,079.33	
Fixed Wing	"E"		244.68	
		<u>2,025.98</u>	<u>6,773.26</u>	<u>\$ 8,799.24</u>
District Expense	6%			<u>\$ 527.95</u>
				<u>\$ 9,327.19</u>
Administration	10%			<u>\$ 932.72</u>
				<u>\$10,259.91</u>
	TOTAL			


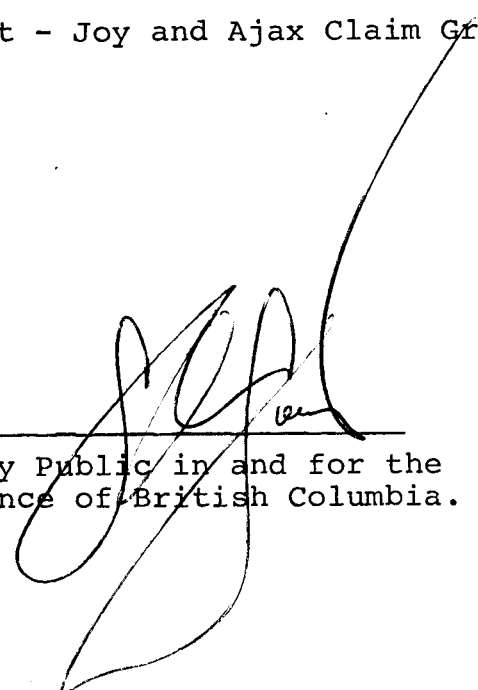
Note: Receipts attached for all expenditures over \$200.00; Receipts for lesser amounts provided upon request.

DYNASTY EXPLORATIONS LIMITED

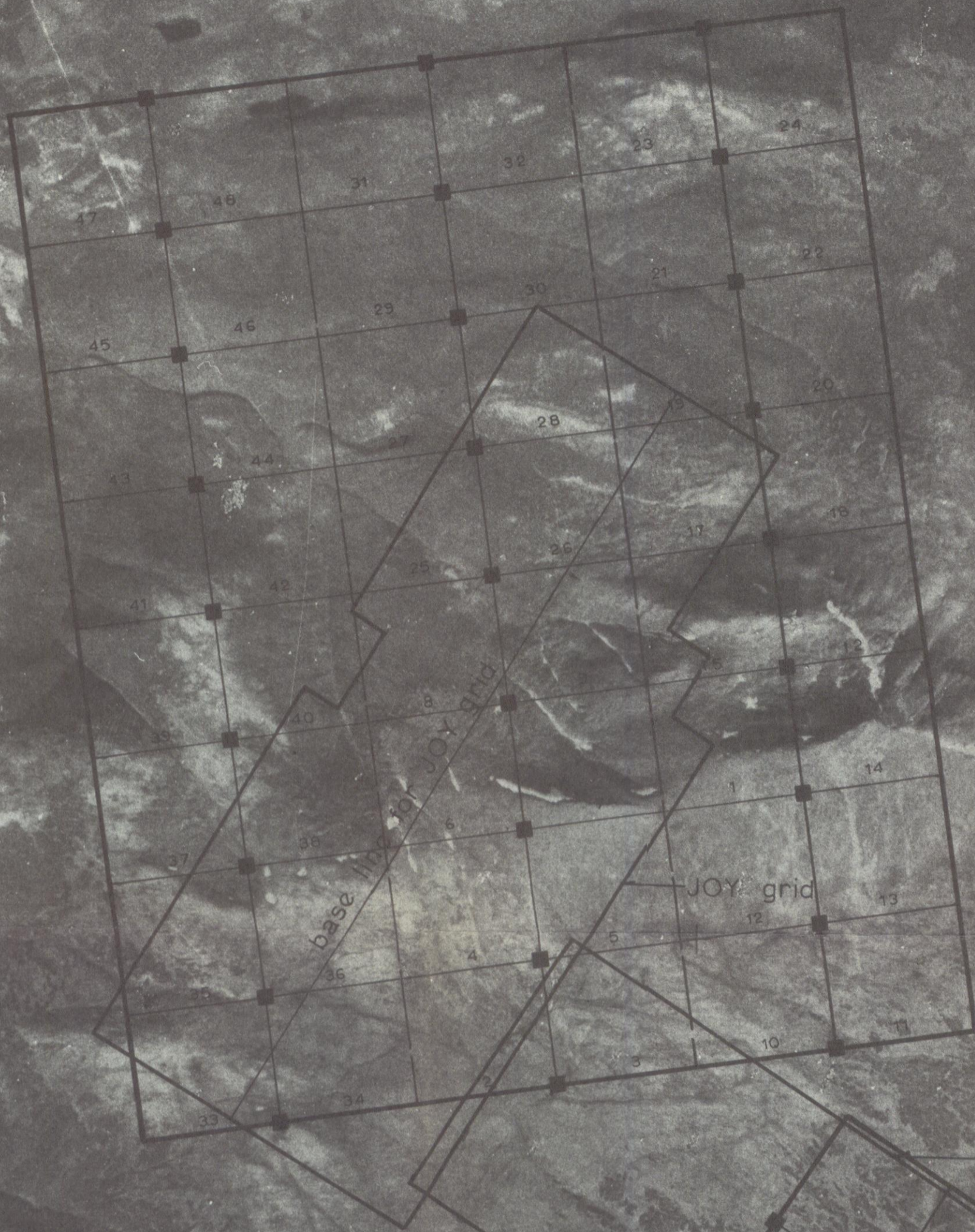
330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B. C.

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

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


Colin Godwin
4 February 1974
Date

Notary Public in and for the
Province of British Columbia.



LEGEND

- claim outline
- claim line
- claim post
- claim name

AJAX grid



DYNASTY EXPLORATIONS LTD.

SILWYN PROJECT-1973

JOY-AJAX

NTS: 105J-9

Scale: 1in = 1/4mi.



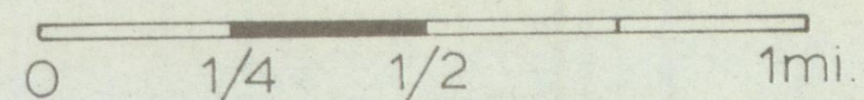
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JOY-AJAX

JOY - AJAX

N.T.S.: 105J-9

Scale: 1 in = 1/4 mi.



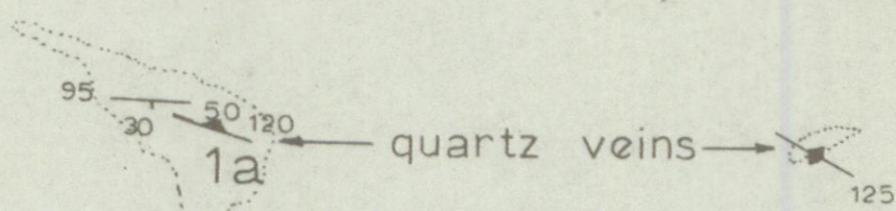
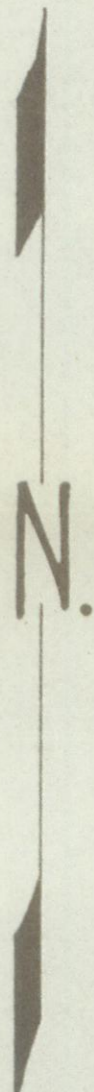
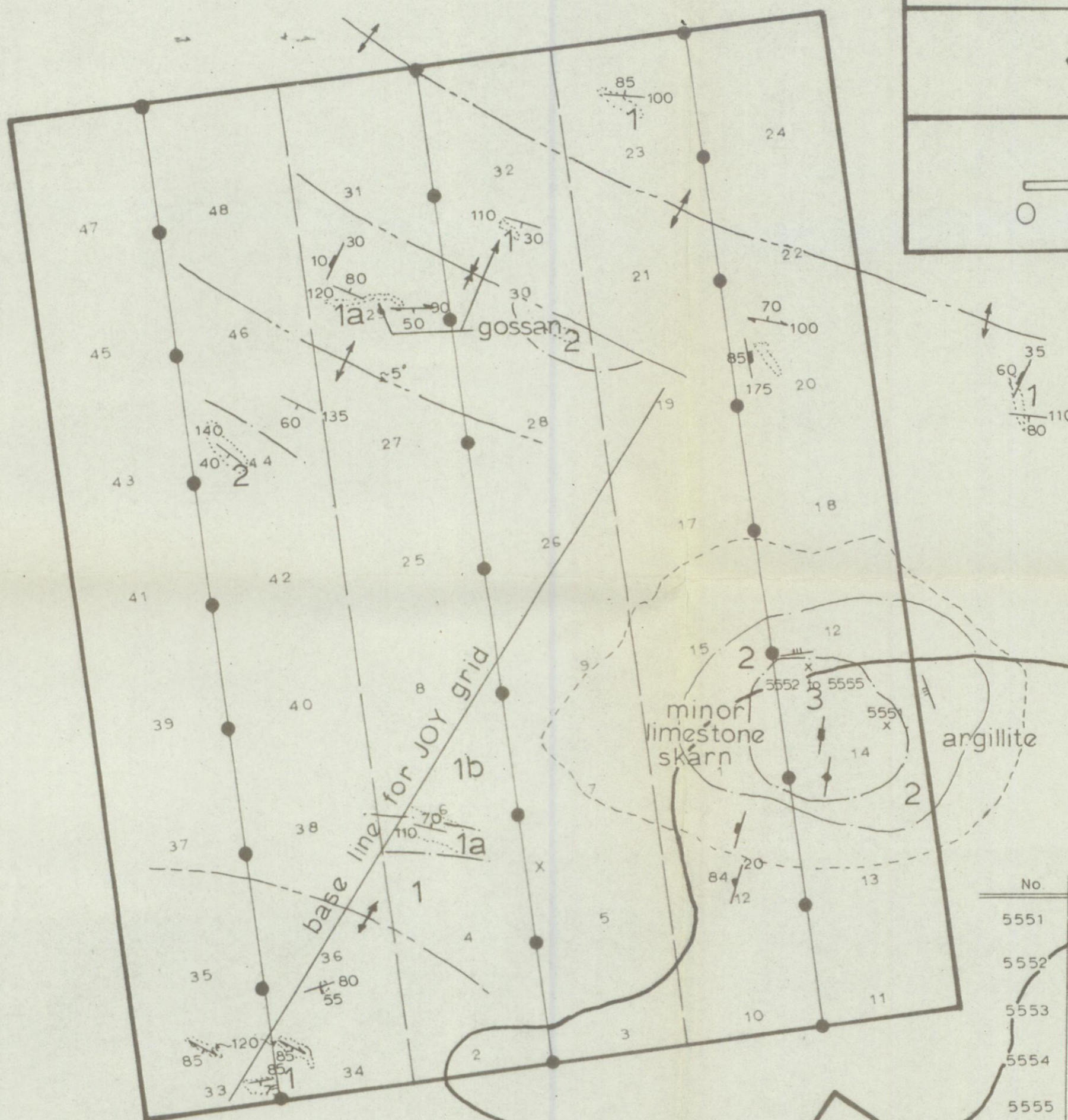
LEGEND

- claim line, post, name
- bedding: vert, dipping, hor.
- axial cleavage: vert, dipping
- lineation
- joint (AC): vert, dipping
- horizontal trace of anticlinal, synclinal axes; plunging
- outcrop
- talus, float
- contact
- fault

ASSAYS FOR THE JOY GROUP STOCK

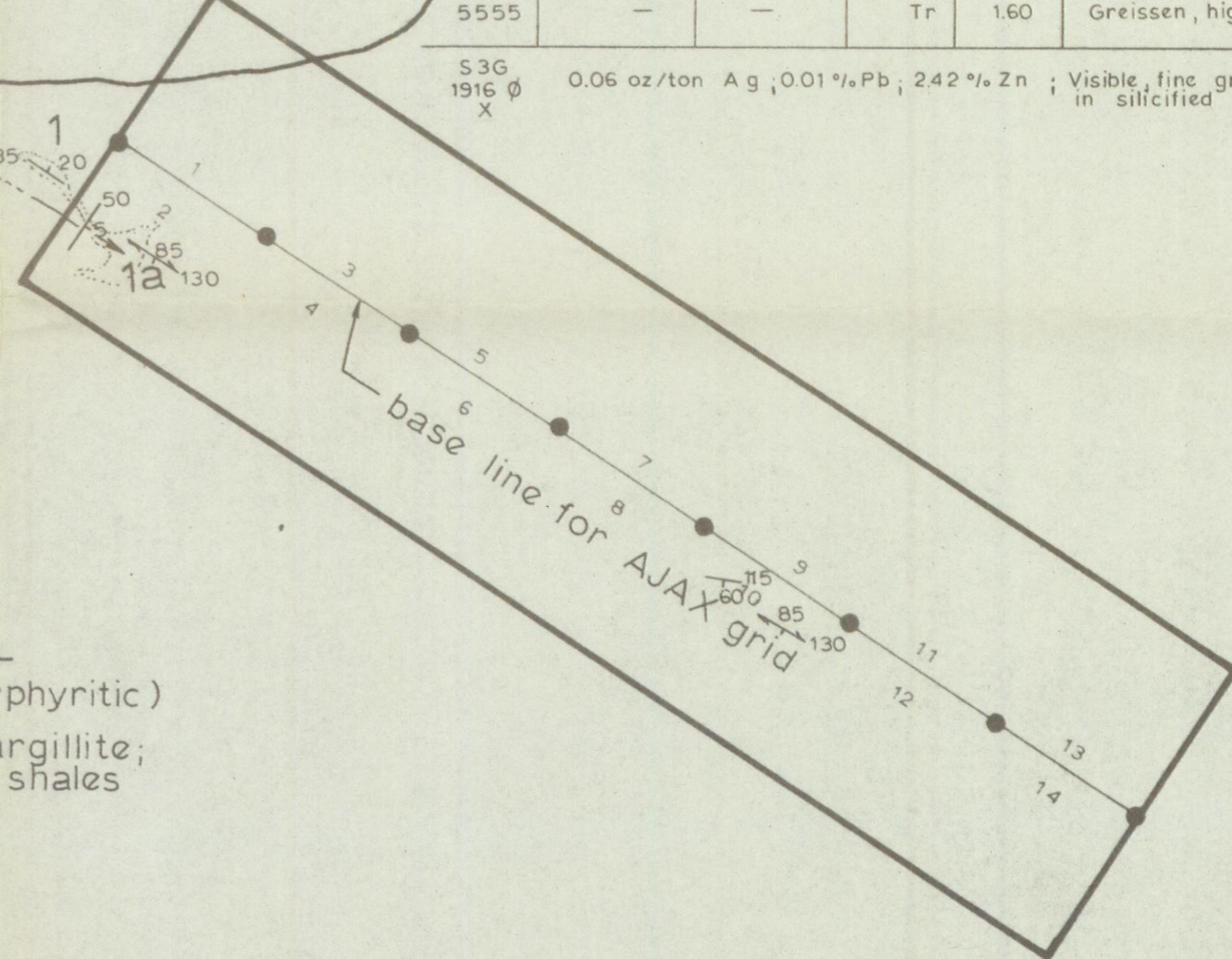
No.	Au (oz/ton)	Ag (oz/ton)	Sn (%)	WO ₃ (%)	DESCRIPTION
5551	Tr	47.82	Tr	Tr	Tetrahedrite in quartz veins (minor)
5552	—	—	Tr	Tr	Quartz stockwork
5553	—	—	Tr	0.065	Quartz stockwork, representative grade, over 30' width
5554	—	—	Tr	0.26	Greissen
5555	—	—	Tr	1.60	Greissen, high grade

536
1916 ϕ
X 0.06 oz/ton Ag; 0.01% Pb; 2.42% Zn; Visible, fine grained sphalerite in silicified rock.



GEOLOGICAL UNITS

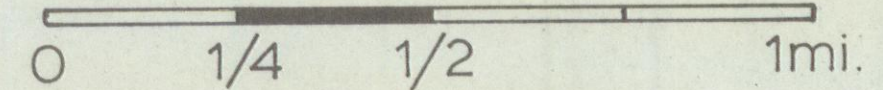
- 3 intrusive; quartz monzonite (porphyritic)
- 2 slightly skarnified limestone, argillite; minor hornfels and silicified shales
- 1b phyllitic equivalent of 1&1a
- 1a unit 1 with dolomitic beds
- 1 black-grey shale



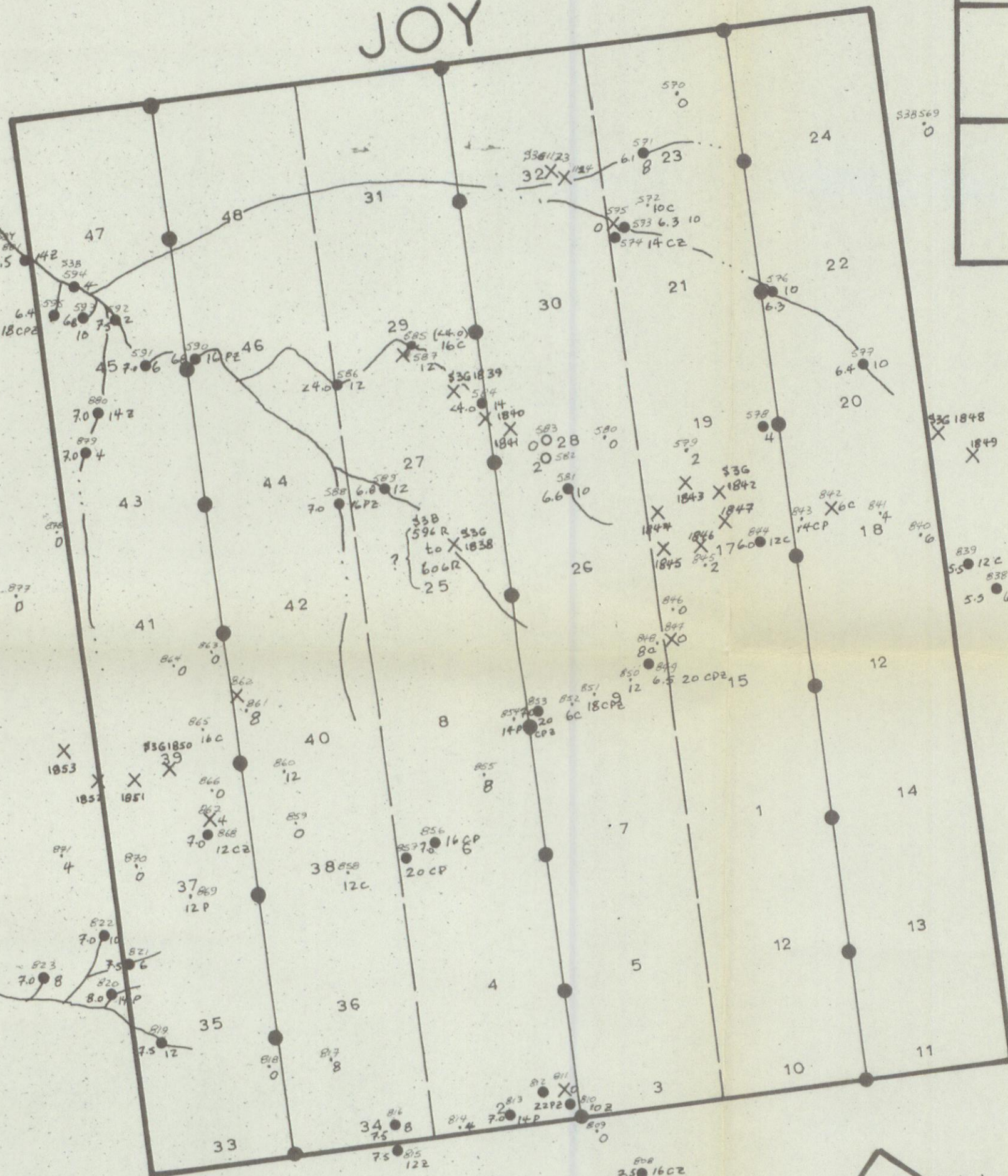
JOY - AJAX

N.T.S.: 105J-9

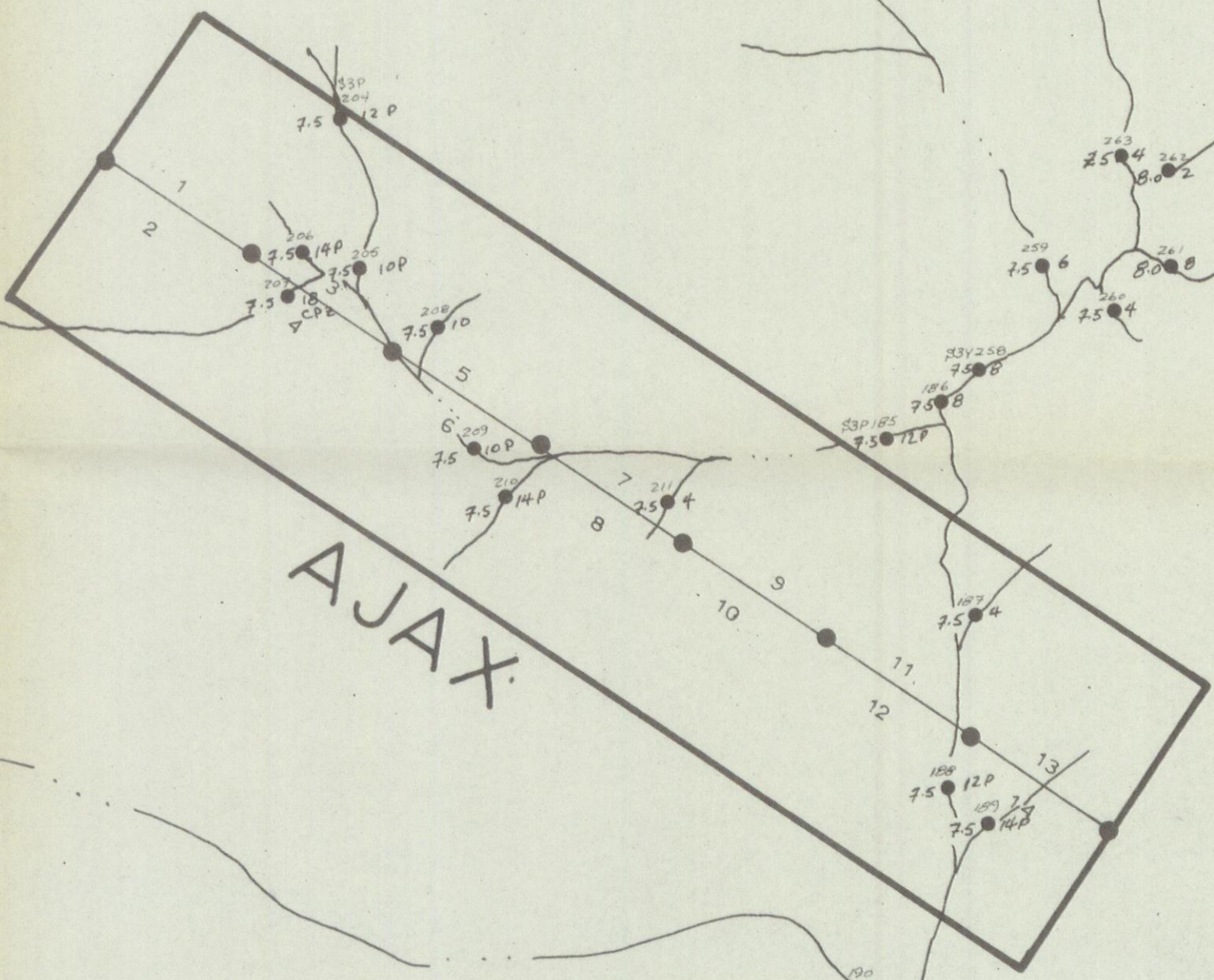
Scale: 1 in = 1/4 mi.



JOY



AJAX



LEGEND

- claim outline
- claim line, post, name
- sample type: x=rock, •=soil
- =silt, ○=other
- pH: (6.5)
- integrated metal value: 12
- metal characteristic: C=Cu, P=Pb, Z=Zn.
- sample name: S3C126

GEOCHEMISTRY; MAP: 3

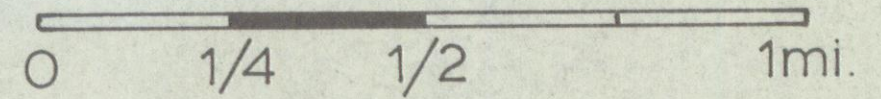
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SELWYN PROJECT - 1973

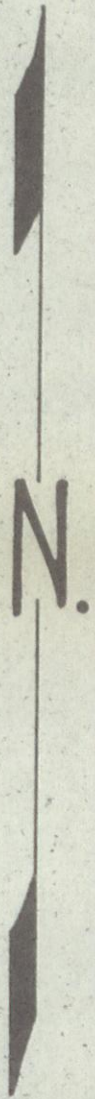
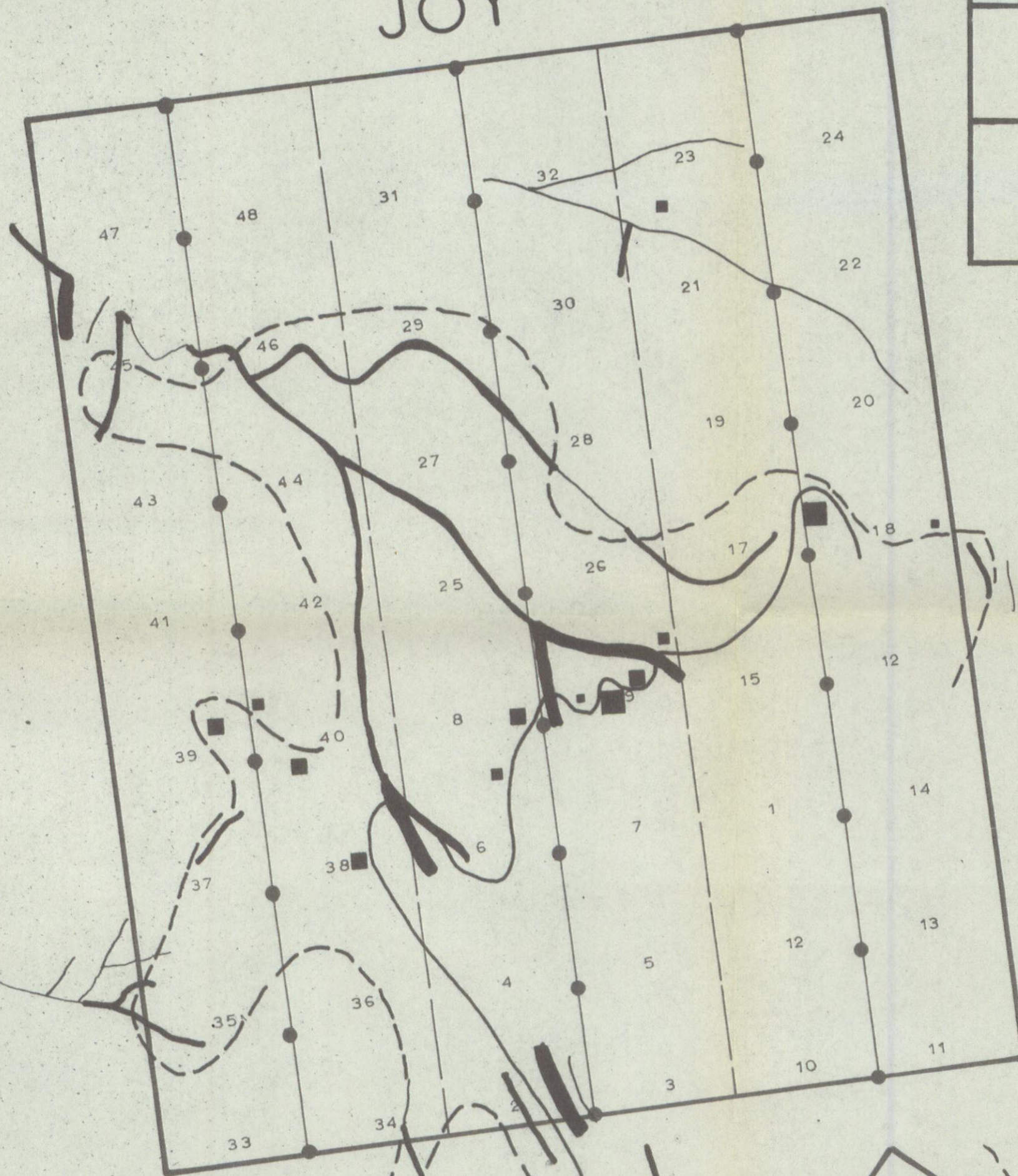
JOY - AJAX

N.T.S.: 105J-9

Scale: 1 in = 1/4 mi.



JOY



AJAX

LEGEND

—●— claim line, post, name

SOIL	SILT	CONTOURS	ANOMALY DESCRIPTION
■	▬	—	high anomaly
■	▬	- - -	intermediate anomaly
■	▬	—	low anomaly
■	▬	⋯	high threshold

GEOCHEMISTRY

CONTOURS ; VALUE

MAP: 3a.

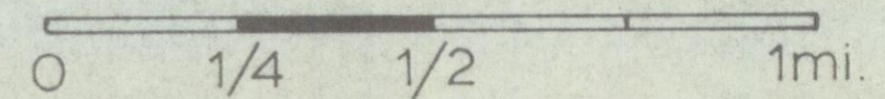
DYNASTY EXPLORATIONS LTD.

SELWYN PROJECT - 1973

JOY - AJAX

N.T.S.: 105J-9

Scale: 1 in = 1/4 mi.



JOY

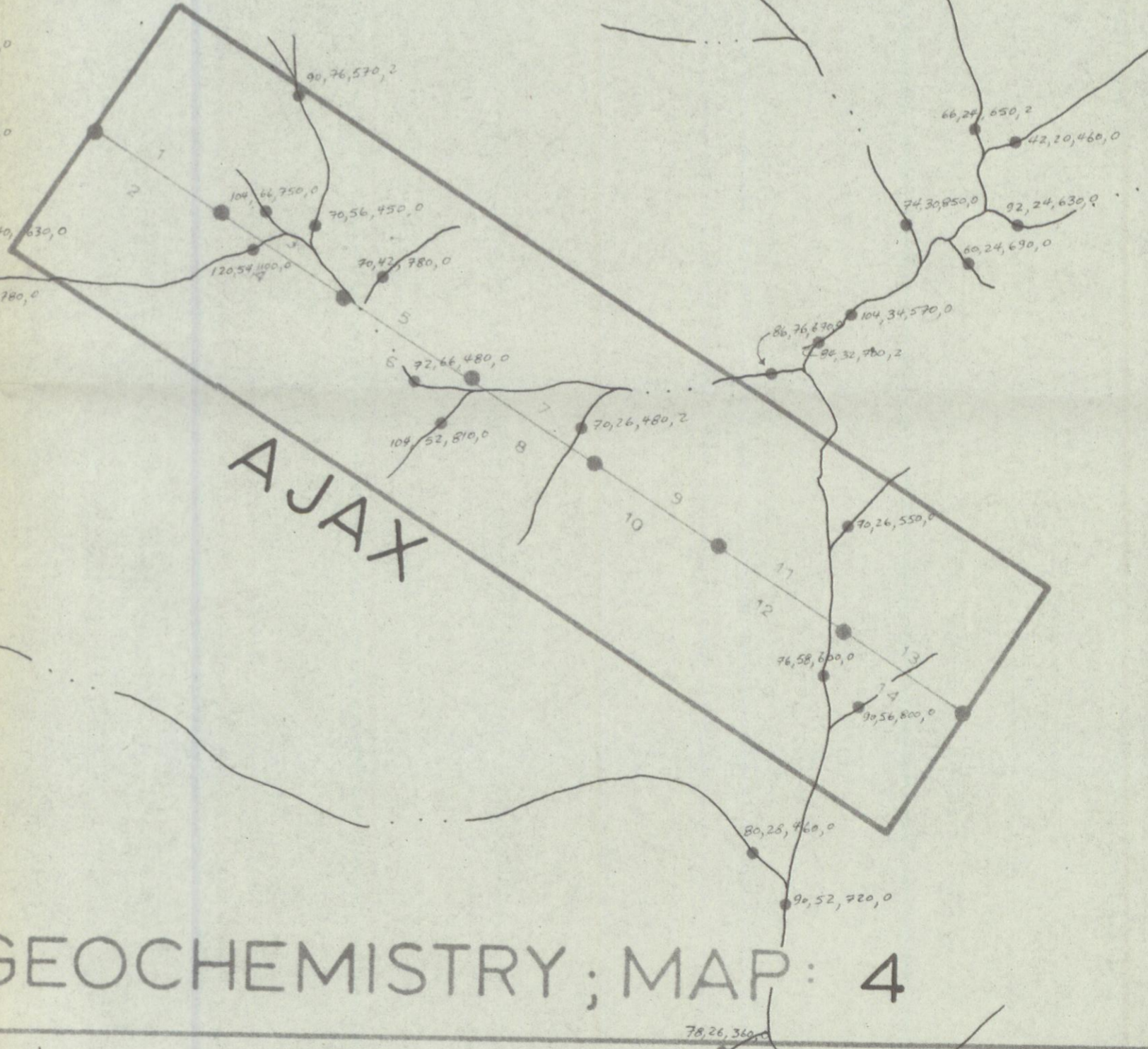


general
42 location

S3B596-606

	Cu	Pb	Zn	W
596 R	8	14	10	0
597 R	10	6	66	0
	72	34	34	0
	600	40	510	0
	32	10	34	2
	3400	40	1780	0
	70	44	1040	0
	210	38	560	0
	22	46	325	0
	1400	64	1260	0
606 R	950	64	2300	0

AJAX



LEGEND

- claim outline
- claim line, post, name
- analysis in ppm.: Cu, Pb, Zn, W, (V)
- sample type: x rock
- silt
- soil
- o other

GEOCHEMISTRY; MAP: 4

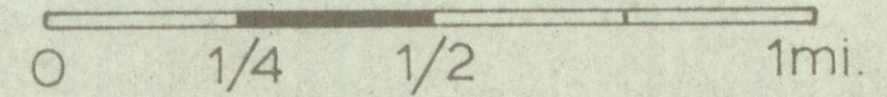
DYNASTY EXPLORATIONS LTD.

SELWYN PROJECT - 1973

JOY - AJAX

N.T.S.: 105J-9

Scale: 1 in = 1/4 mi.

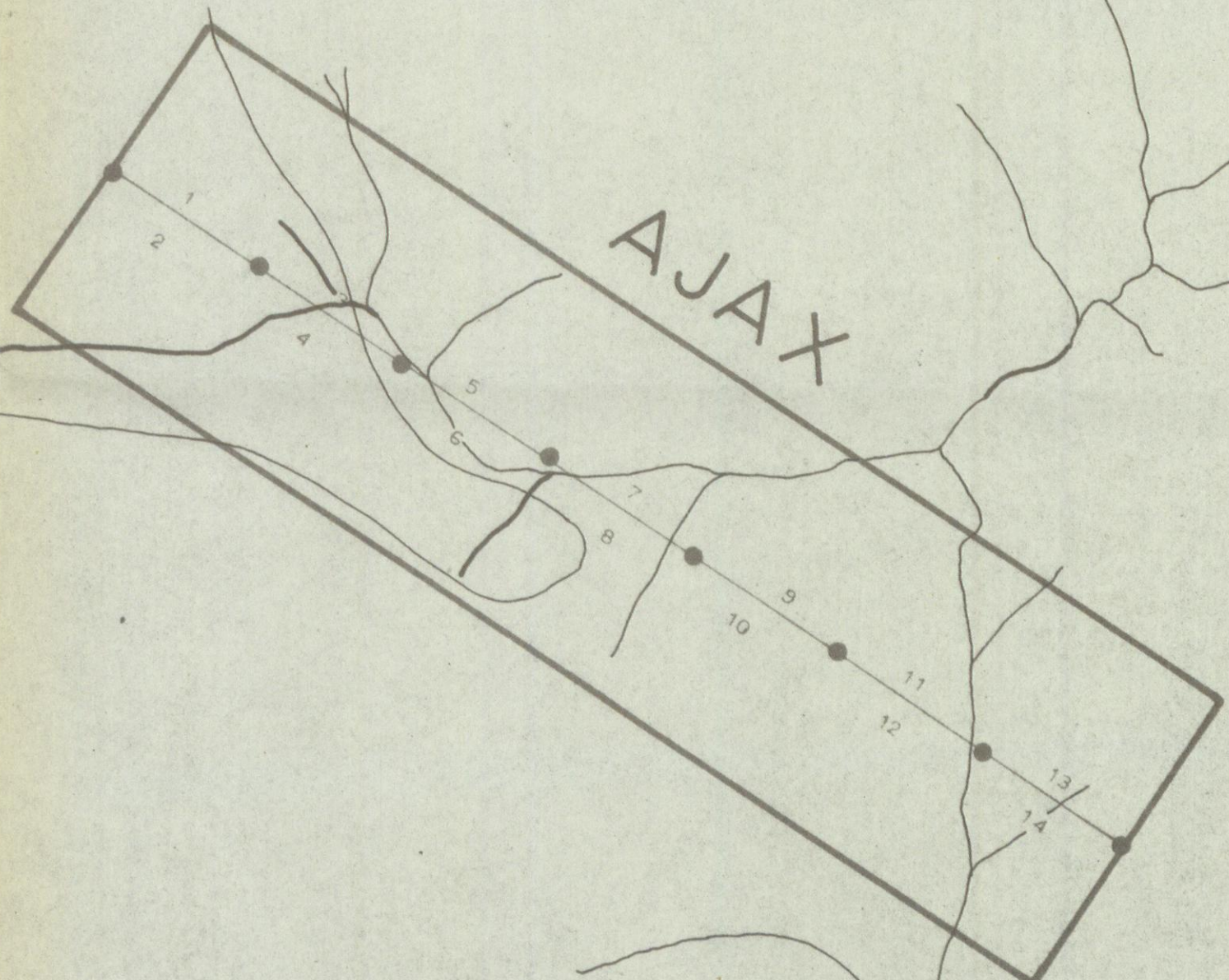


JOY



N.

AJAX



LEGEND

- claim line, post, name
- X Vanadium ≥ 500 ppm.
- O Tungsten ≥ 10 ppm.

SOIL	SILT	CONTOURS	ANOMALY DESCRIPTION
■	▬	—	high anomaly
■	▬	- - -	intermediate anomaly
■	▬	—	low anomaly
■	▬	⋯	high threshold

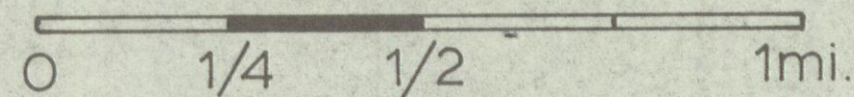
GEOCHEMISTRY
CONTOURS, ppm Cu

MAP: 4 a.

DYNASTY EXPLORATIONS LTD.
SELWYN PROJECT - 1973

JOY - AJAX
N.T.S.: 105J-9

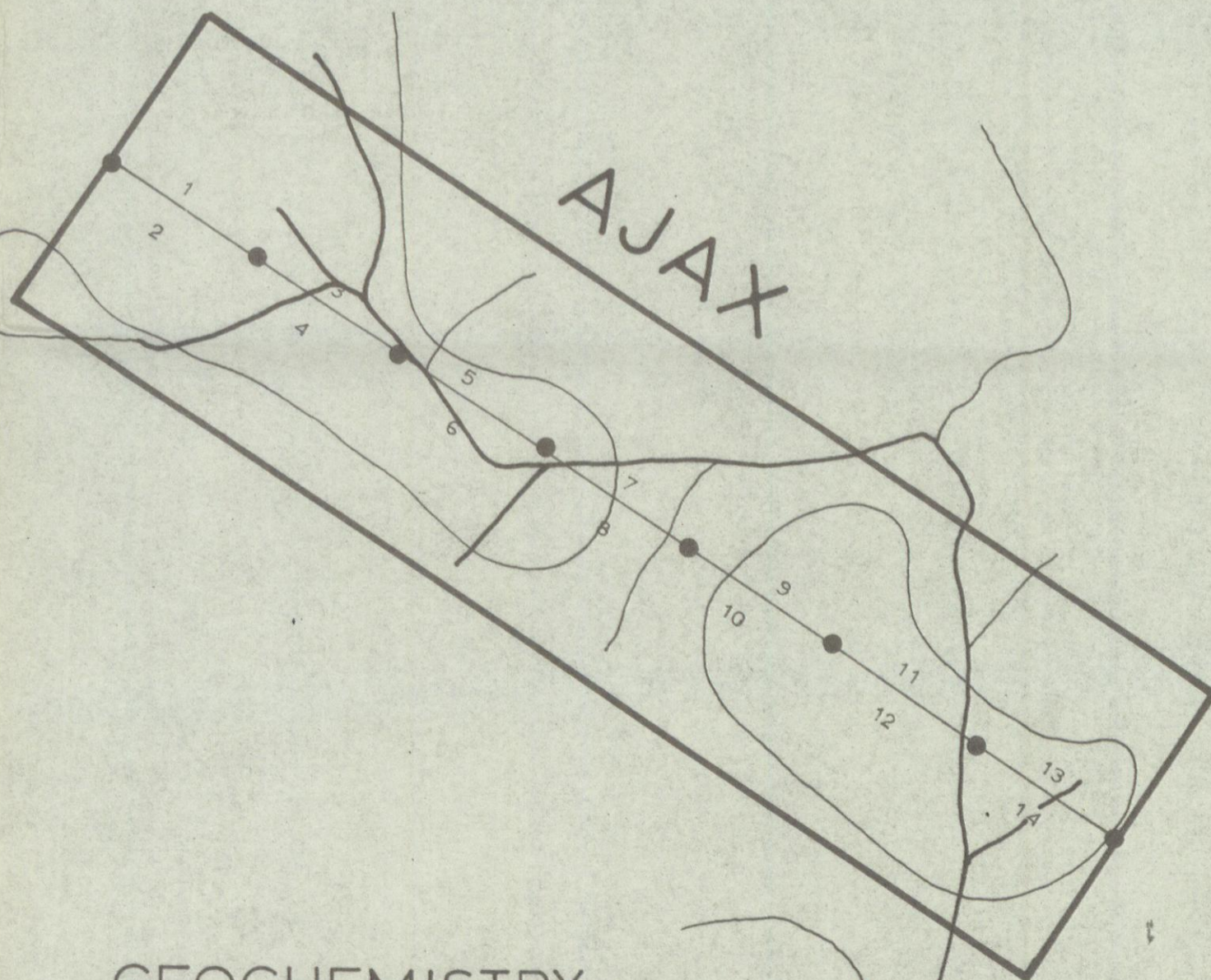
Scale: 1 in = 1/4 mi.



JOY



AJAX



LEGEND

$\frac{1}{2}$ ● $\frac{3}{4}$ claim line, post, name

SOIL	SILT	CONTOURS	ANOMALY DESCRIPTION
■	—	—	high anomaly
■	—	- - -	intermediate anomaly
■	—	—	low anomaly
■	—	⋯	high threshold

GEOCHEMISTRY
CONTOURS, ppm Pb

MAP: 4 b.

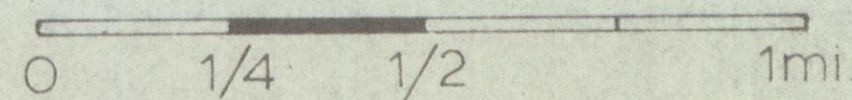
DYNASTY EXPLORATIONS LTD.

SELWYN PROJECT - 1973

JOY - AJAX

N.T.S.: 105J-9

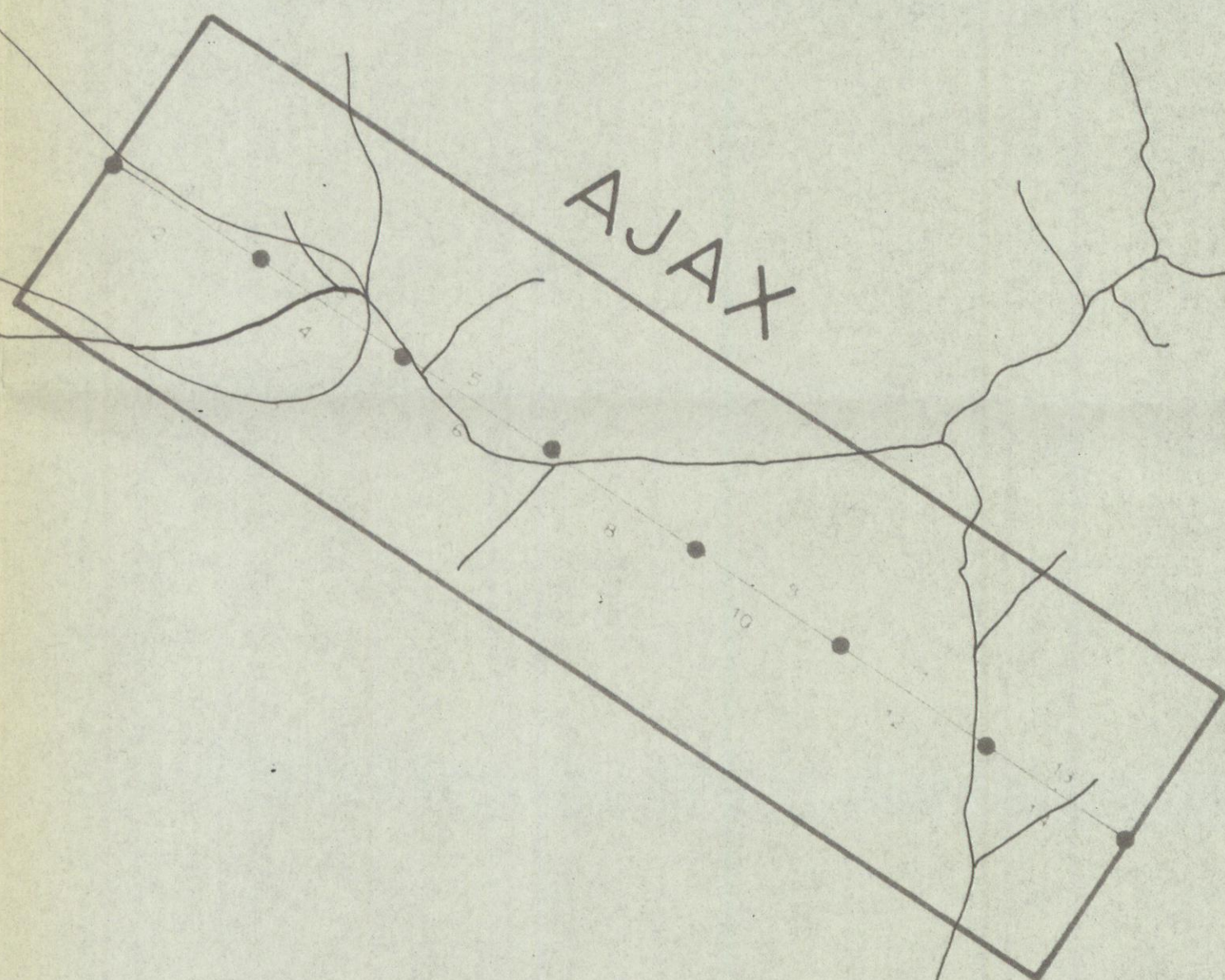
Scale: 1 in = 1/4 mi.



JOY



AJAX



LEGEND

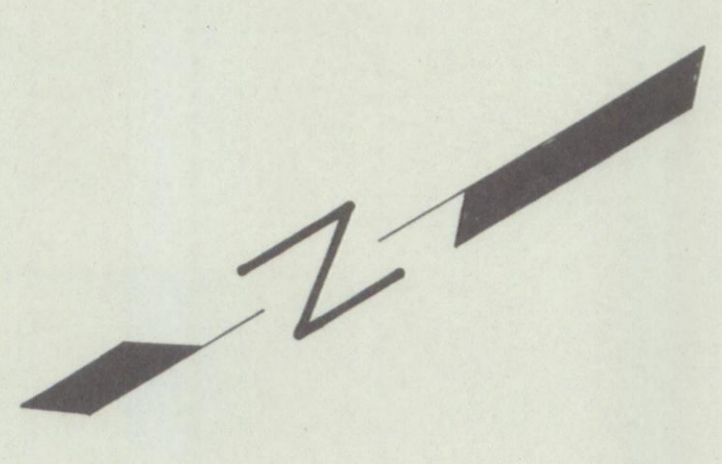
$\frac{1}{2}$ ● $\frac{3}{4}$ claim line, post, name

SOIL	SILT	CONTOURS	ANOMALY DESCRIPTION
■	—	—	high anomaly
■	—	- - -	intermediate anomaly
■	—	—	low anomaly
■	—	high threshold

GEOCHEMISTRY
CONTOURS, ppm Zn

MAP: 4 c.

18 W 16 W 14 W 12 W 10 W 8 W 6 W 4 W 2 W 2 E 4 E 6 E 8 E 10 E 12 E



geology by John D. Curry

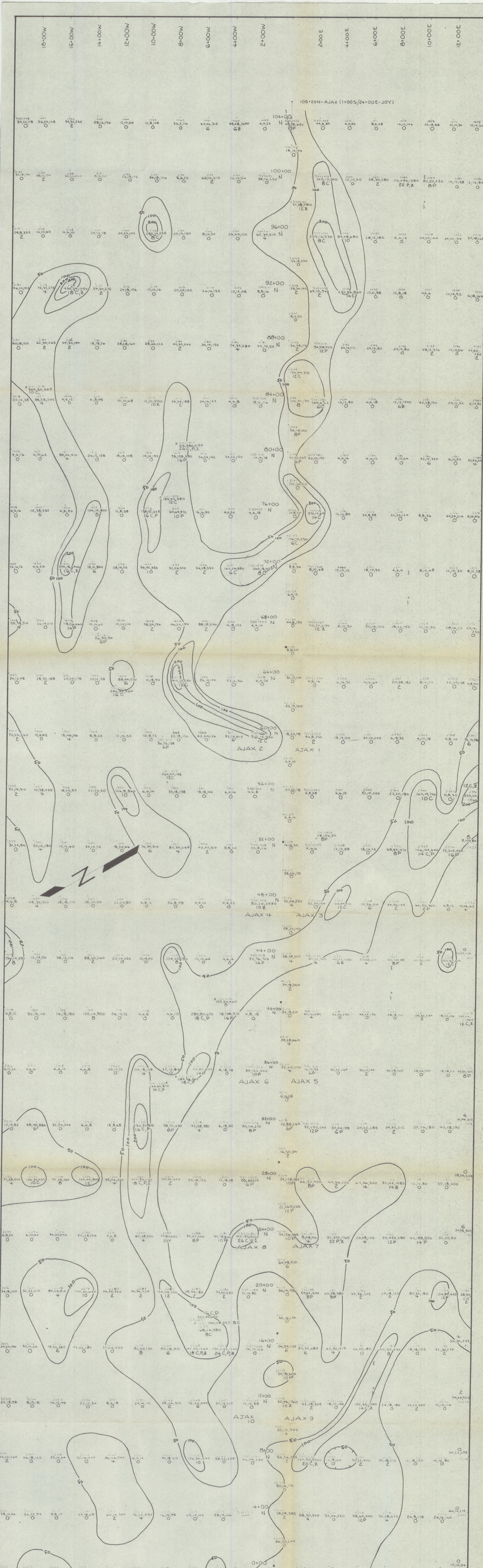
LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> AJAX 1 — claim line, post, name X / X — bedding: vert, dipping, hor — / — — axial cleavage: vert, dipping — — — — — lineation — — — — — joint (AC): vert, dipping — — — — — horizontal trace of antinodal, synclinal axis; plunging ○ — outcrop ○ — talus, float — — — — — drainage | <ul style="list-style-type: none"> — — — — — contact — — — — — fault <p>GEOLOGICAL UNITS</p> <ul style="list-style-type: none"> 1a — Unit 1 with dolomitic beds < 2 feet thick. 1 — Black to grey weathering shale; partly pyritic, graphitic. |
|---|--|

DYNASTY EXPLORATIONS LTD.

AJAX GROUP
A GRID GEOLOGY
NTS 105-J-9

SCALE 1 inch to 200 feet
MAP 5
GEOLOGY



LEGEND		CONTOUR VALUE	
1	claim line, post, name	A	≥18
2	SAMPLE TYPE - x rock	B	12 to 16 incl
3	soil	C	8 & 10
4	S3Y1600 SAMPLE NO	D	5
	15, 35, 300 Cu, Pb, Zn in ppm		pH
	12 C, P, Z integrated metal value		
	C - copper		
	P - lead		
	Z - zinc		
	metal characteristic		

DYNASTY EXPLORATIONS LTD

AJAX GROUP

A GRID GEOCHEMISTRY DETAIL

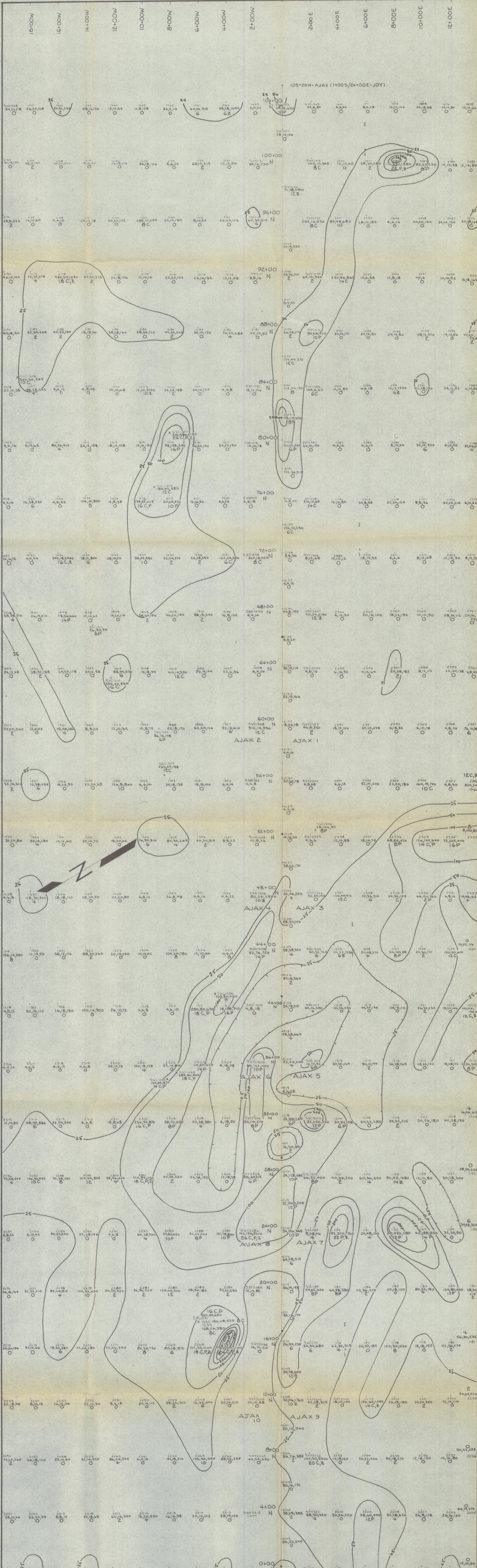
NTS 105-J-9

SCALE 1 inch to 200 feet

MAP 7

GEOCHEMISTRY COPPER

CONTOURS PPM CU: 50, 100, 200, 400

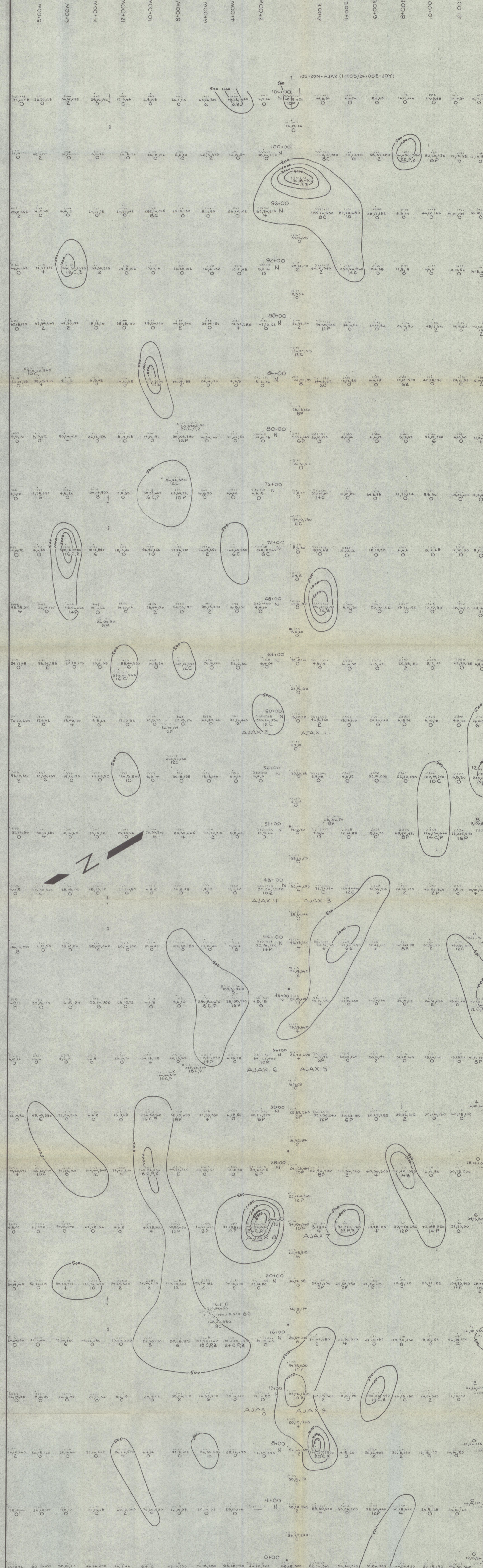


LEGEND		CONTOUR VALUE	
$\frac{1}{2}$ — $\frac{3}{4}$	claim line, post, name	A — ≥ 18	
\circ	SAMPLE TYPE: x rock soil	B — 12 to 16 incl	
S3Y1600	SAMPLE NO.	C — 8 & 10	
15, 35, 300	Cu, Pb, Zn in ppm	D — 6	
12 C, P, Z	integrated metal value	(7.0)	pH
C — copper] metal characteristic	CONTOURS PPM PB: 25, 50, 100, 200, 400, 800, 1600	
P — lead			
Z — zinc			

DYNASTY EXPLORATIONS LTD.

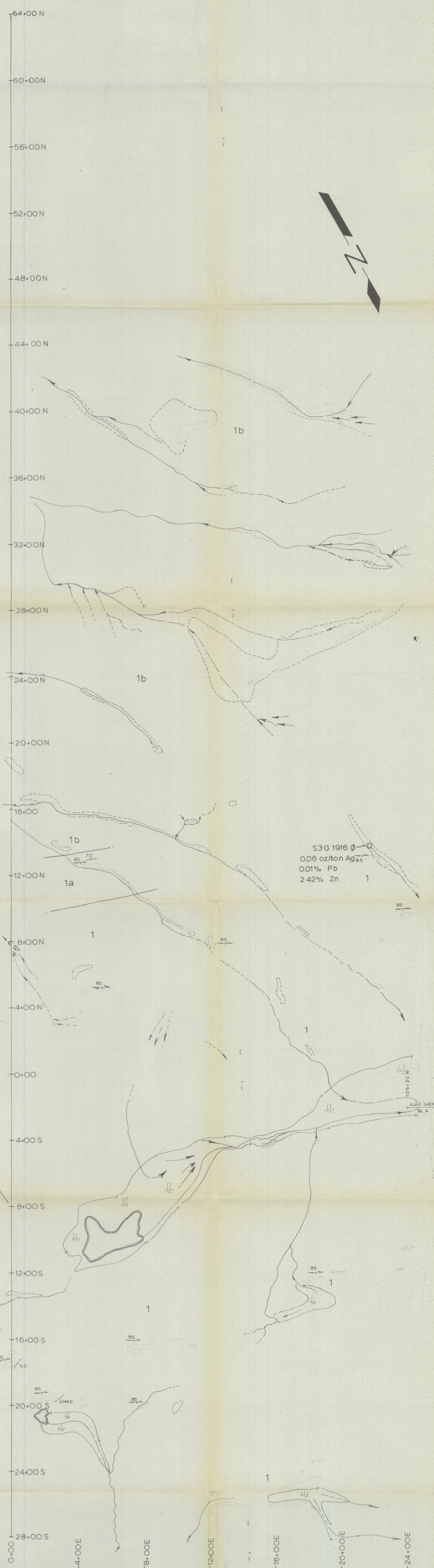
AJAX GROUP
A GRID GEOCHEMISTRY DETAIL
NTS 105-J-9

SCALE: 1 inch to 200 feet
MAP 8
GEOCHEMISTRY LEAD



LEGEND	
1	claim line, post, name
2	SAMPLE TYPE x rock soil
3	531600 SAMPLE NO 15,35,300 Cu,Pb,Zn in ppm
4	12C,P,Z integrated metal value
C	C-copper
P	P-lead
Z	Z-zinc
CONTOUR VALUE	A --- 218 B --- 12 to 16 in C --- 8 & 10 D --- 6 (70) pH
CONTOURS PPM ZN: 500, 1000, 2000, 4000, 8000	

DYNASTY EXPLORATIONS LTD
AJAX GROUP
 A GRID GEOCHEMISTRY DETAIL
 NTS 105J-9
 SCALE 1 inch to 200 feet
MAP 9
GEOCHEMISTRY ZINC



S3G 1916
 0.06 oz/ton Ag₈₅
 0.01% Pb
 2.42% Zn

LEGEND

GEOLOGICAL UNITS

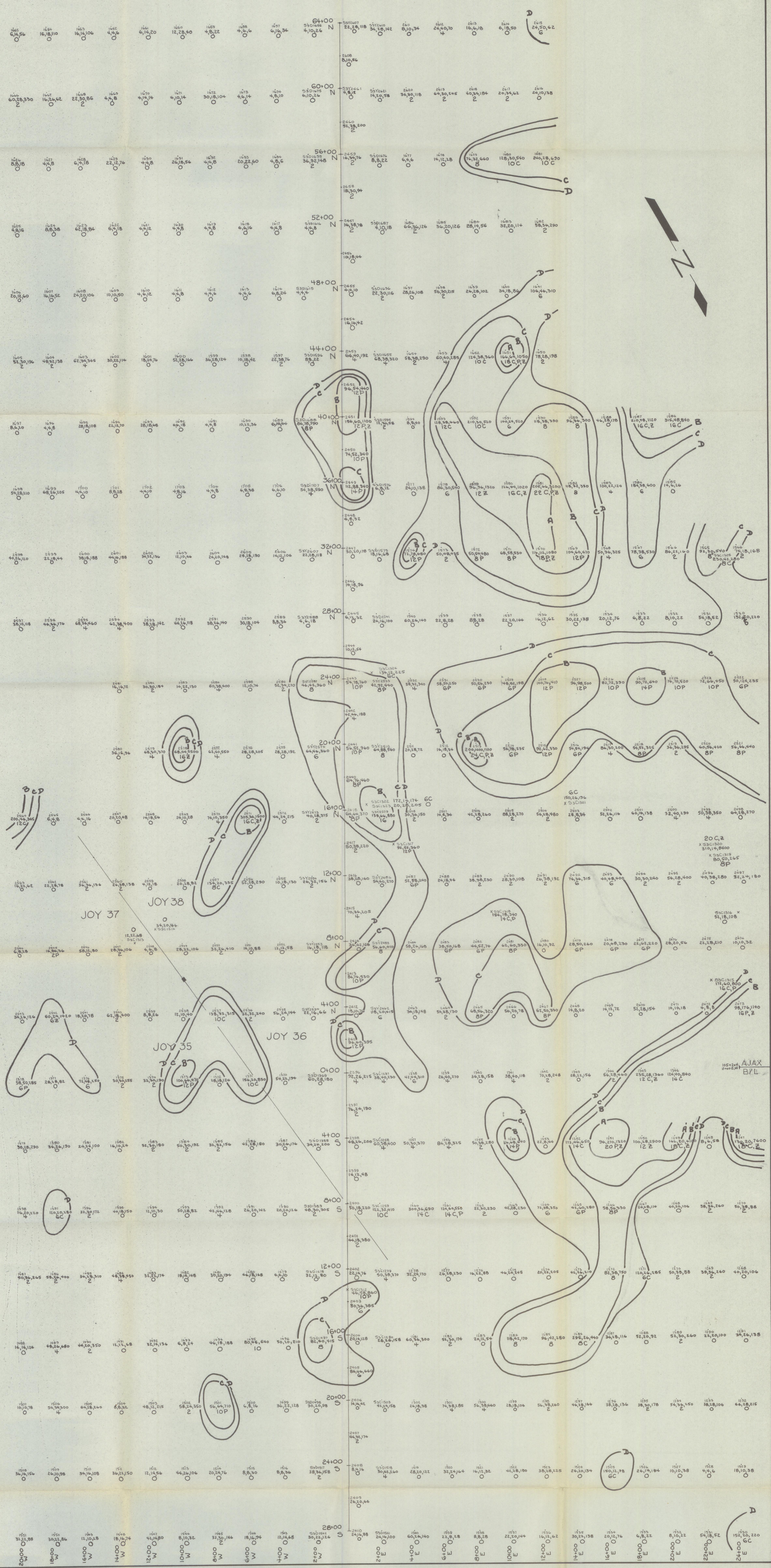
- JOY 36 claim line, post name
- bedding: vert., dipping, hor.
- axial cleavage: vert., dipping
- lineation
- joint (AC): vert., dipping
- horizontal trace of anticlinal, synclinal axis; plunging
- outcrop
- talus, float
- contact
- fault
- creek, intermittent
- swamp

- 1b Phyllitic equivalent of 1a
- 1a Unit 1 with dolomitic beds < 2 feet thick
- 1 Black to grey weathering shale; partly pyritic, graphitic

DYNASTY EXPLORATIONS LTD.

JOY GROUP
 B GRID GEOLOGY
 NTS 105J-9

SCALE: 1 inch to 200 feet
 MAP 10
 GEOLOGY

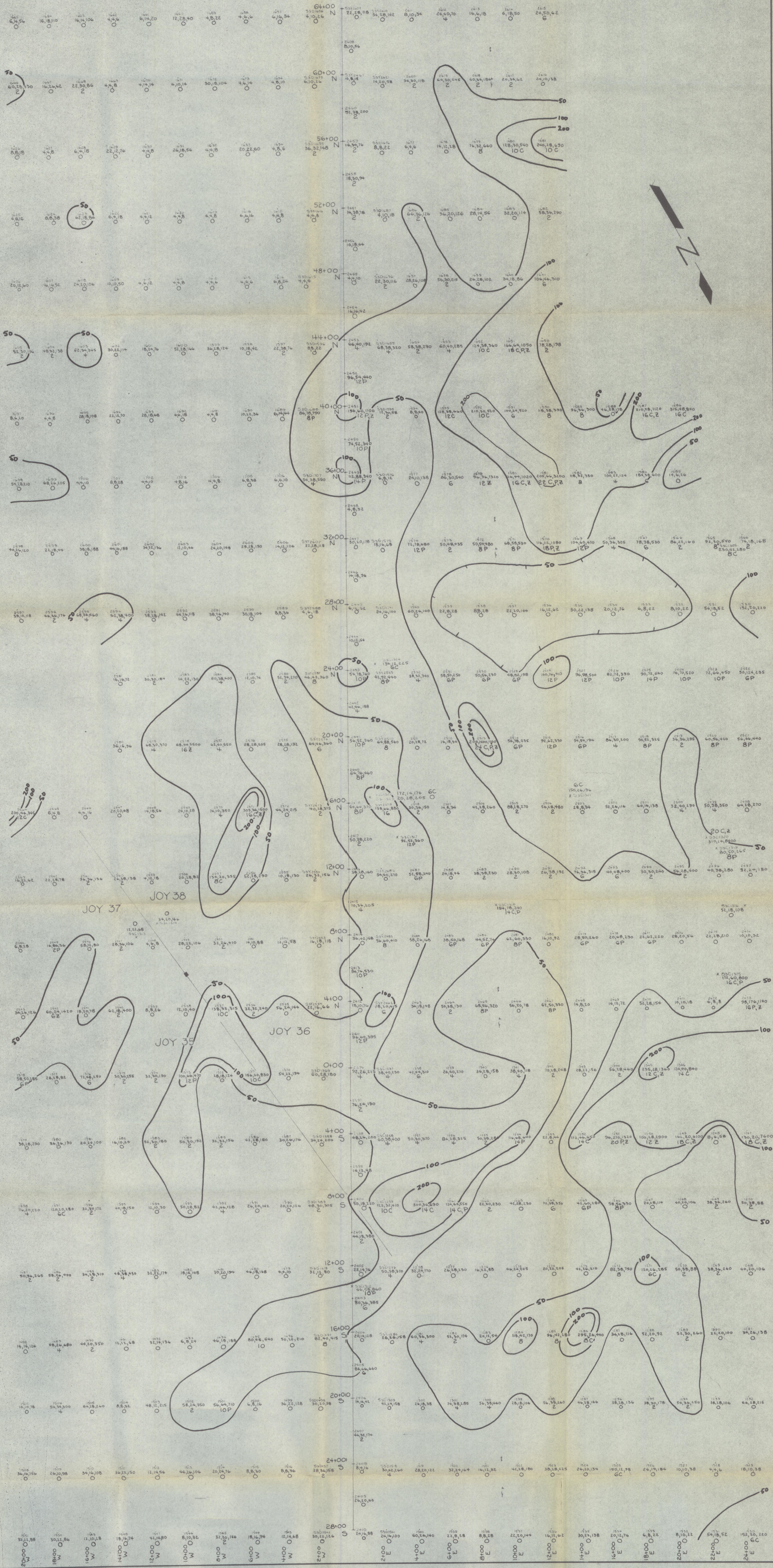


LEGEND

1/2 3/4
 claim line, post, name
 SAMPLE TYPE: x rock
 . soil
 S3Y1600 SAMPLE NO.
 15,35,300 Cu, Pb, Zn in ppm
 12 C, P, Z integrated metal value
 C-copper
 P-lead
 Z-zinc
 metal v
 characteristic

CONTOUR VALUE A — 18
 B — 12 to 16 incl.
 C — 8 & 10
 D — 6
 (7.0)
 pH

DYNASTY EXPLORATIONS LTD.	
JOY GROUP	
B GRID GEOCHEMISTRY DETAIL	
NTS 105-J-9	
SCALE 1 inch to 200 feet	
MAP 11	
VALUE & METAL CHARACTERISTIC	



LEGEND

1/2 3/4 claim line, post, name
 SAMPLE TYPE x rock
 O soil
 S3Y1600 SAMPLE NO
 15, 35, 300 Cu, Pb, Zn in ppm
 12 C,P,Z integrated metal value
 C-copper
 P-lead
 Z-zinc } metal characteristic

CONTOUR VALUE A = 18
 B = 12 to 16 incl
 C = 8 & 10
 D = 6
 pH (7.0)

DYNASTY EXPLORATIONS LTD
 JOY GROUP
 B GRID GEOCHEMISTRY DETAIL
 NTS 105-J-9
 SCALE 1 inch to 200 feet
 MAP 12
 Cu CONTOURS (ppm)

