GEOLOGICAL AND GEOCHEMICAL REPORT

PREVO CLAIM GROUP

Watson Lake Mining District
Yukon Territory

Longitude : 129° 40' W.
Latitude : 62° 37' N.

N.T.S. 105-I-12

Field Work covering the period
June 15th to August 6th, 1973

Report and Interpretation
October, 1973

By:

John D. Curry, P. Geol.

DYNASTY EXPLORATIONS LIMITED

October, 1973

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TABLE I

LIST OF CLAIMS

Claim	Claim Number	Grant Number	Recording Date
PREVO	1-42 inclusive	Y70635-Y70676	November 20, 1972

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 1, B.C.
D. McCune	Geological Assistant	4021 W.13th Avenue, Vancouver, B.C.
G. May	Assistant	1379 W.58th Avenue, Vancouver 14, B.C.
L. Dellow	Assistant	1620 E.36th Avenue, Vancouver 15, B.C.
S. Morris	Cook	c/o Tom Stokie, P.O. Box 92, Fernie, B.C.

TELEPHONE 685-4331

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

GEOLOGICAL AND GEOCHEMICAL REPORT
PREVO CLAIM GROUP

INTRODUCTION

Location and Access

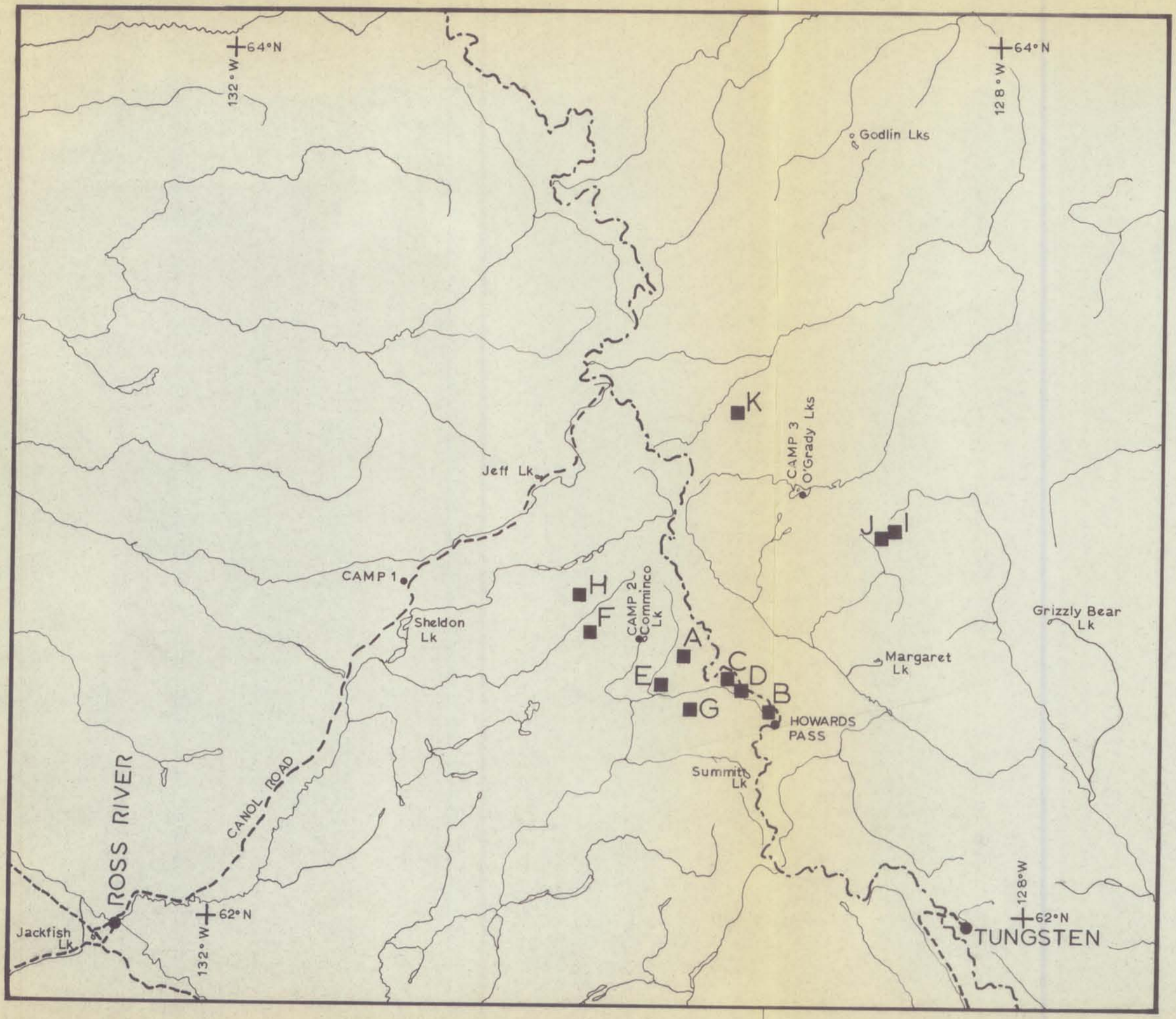
The Prevo Group is located approximately 105 miles east-northeast of Ross River, Y.T. (see Figure 1), on N.T.S. sheet 105-I-12 (see Figure 2). The property is at an elevation of approximately 5,500 feet and is 50 percent tree-covered.

Access to the property presently is by helicopter from one of the few lakes (i.e. Summit Lake, Cominco Lake) in the area that can be utilized by float planes. A winter road to within 20 miles of the property, originating at Tungsten, N.W.T., was used by Placer Development during the winter of 1972-73 and construction of an all-weather road between Tungsten and the Placer Howard's Pass property is likely.

General

Claims Prevo 1 to Prevo 42 inclusive were staked in October, 1972, in response to the Placer lead-zinc discoveries in the Howard's Pass area (see Table I - List of Claims).

Reconnaissance geochemical samples were collected over the 22 days from June 15th to July 6th, 1973 and the group was mapped on a scale of 1 inch to ¼ mile. For the 7 days from August 1st to 6th, 1973, two grids were established for an approximate total of 10 line-miles. Geochemical soil and a few silt samples were collected on these grids but only moderately anomalous sections were encountered. Table II is a list of persons involved in the work program.



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

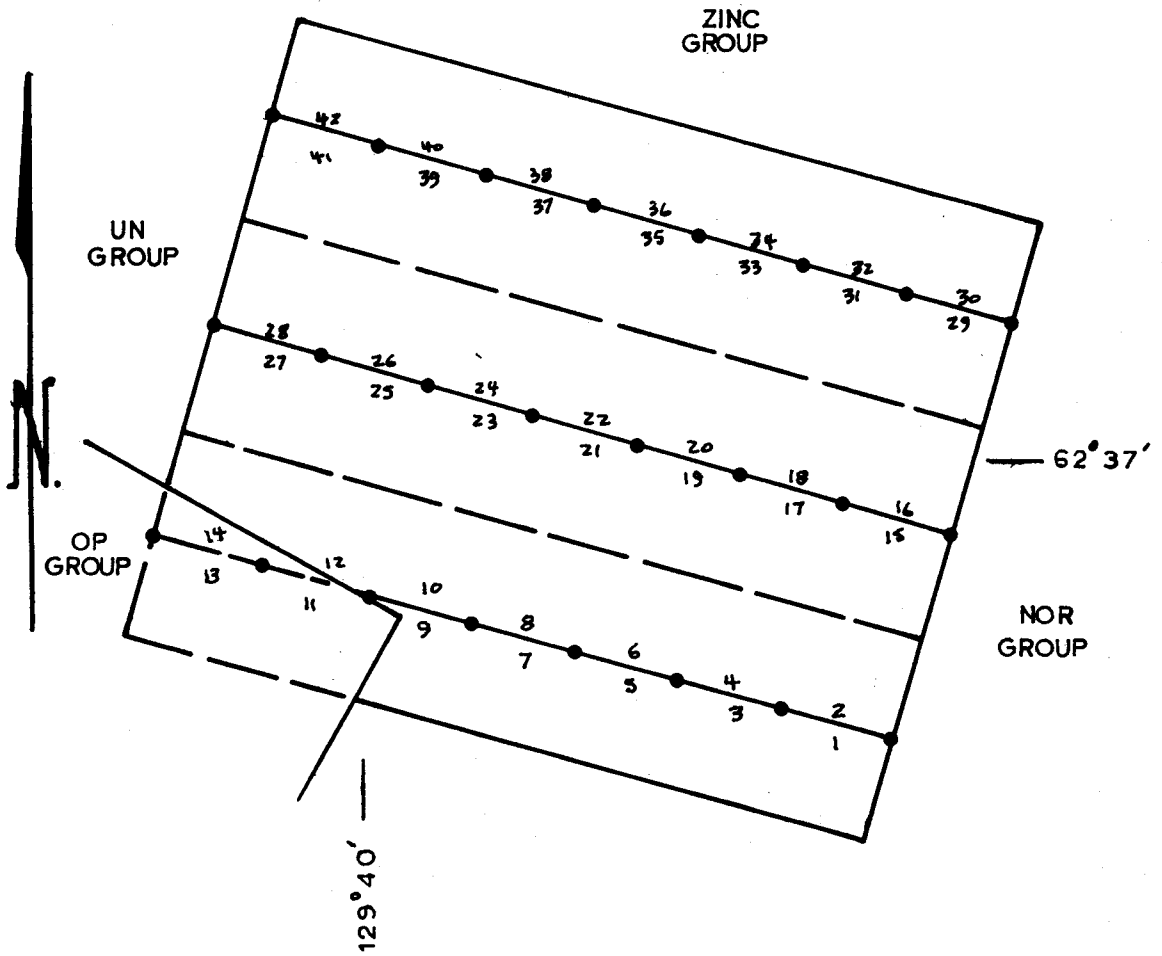
K: Kee

N

SCALE
1 in
16 mi

FIGURE 1: Index Map Claim Groups

DYNASTY EXPLORATIONS LTD.



PREVO GROUP

claim sketch

scale: 1 in. = 1/2 mi.

0 1/2 1 mi.

LEGEND

- CLAIM LINE
- CLAIM POST
- 1/2 CLAIM NAME

FIGURE: 2

(N.T.S.: 105 I-12)

GEOCHEMISTRY

General

Table III classifies the type and number of samples taken on the Prevo Group. Analyses for copper, lead and zinc were performed by Acme Analytical Laboratories Ltd., 6455 Laurel Street, Burnaby 2, B.C. Analysis was by atomic absorption on perchloric acid digestion of a minus 80 mesh sample.

TABLE III: CLASSIFICATION OF PREVO SAMPLES

Type	Approx. Area	Goechem: Cu, Pb, Zn. Soil	Rock	Silt
Regional	2.2 sq. miles	96	12	50
Detail A	1300 ft. x 5000 ft. 6.5 M. sq. ft. 6 line-miles	449	0	9
Detail B	2000 ft. x 2000 ft. 4 M. sq. ft. 4 line-miles	240	0	2
TOTALS		785	12	61

One sample from a rusty micaceous quartz vein in the north-central sector of Prevo 19 assayed only trace gold (Acme Analytical Laboratories Ltd., 6455 Laurel Street, Burnaby 2, B.C.).

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 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

Metal	Red (925)	Green (909)	Blue (903)
Copper	$\geq$ 120	90 - 119	70 - 89
Lead	$\geq$ 50	40 - 49	30 - 39
Zinc	$\geq$ 1000	600 - 999	300 - 599
Value	6	4	2

Notes:

(a) Adjustment for pH

if pH $\leq$ 5.0:

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

(b) Bonus for High Results

Bonus	Copper	Lead	Zinc
2	240-359	100-149	2000-2999
4	360-479	150-199	3000-3999
6	$\geq$ 480	$\geq$ 200	$\geq$ 4000

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

Value	Colour		Interpretation
$\geq$ 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 $\geq$ 6.

Reconnaissance Geochemistry

Map 1 is a blow-up print of air photo A12281-62 on a scale of 1 inch to ¼ mile. Map 3 is a print of an overlay of Map 1. Sample locations for all reconnaissance samples are shown with sample name, type, pH (where applicable) and an integrated metal value for copper, lead and zinc. Map 4 is a print of an overlay for Map 1 and shows copper, lead and zinc values for reconnaissance geochemistry results. Moderately interesting results were obtained in the extreme southeast part of the group (see:Map 1, Grid A: Maps 5 to 8) and the extreme northwest sector of the group (see: Map 1, Grid B: Maps 9 to 12).

Detail Geochemistry

Map 5 shows contoured integrated metal values for the A grid. Maps 6, 7 and 8 show the contoured results for copper, lead and zinc respectively on the A grid. Zinc is the principal anomalous element on this grid (up to 3600 ppm) with important amounts of lead (up to 210 ppm) and minor copper (up to 170 ppm).

Map 9 shows contoured metal values for the B grid. Maps 10, 11 and 12 show the contoured results for copper, lead and zinc respectively for the same area. Again, zinc is the most important anomalous element on the B grid (up to 6200 ppm), with copper (up to 162 ppm) and lead (up to 110 ppm) contributing only in a minor way to the anomalies.

While both grids contain anomalous sections, there are no obvious strong targets.

GEOLOGY

Reconnaissance Geology

Map 2 is a print of an overlay for Map 1 and shows the general geology of the Prevo Group. Table V illustrates geological formations on the group. 'Wavy-bedded' limestone consisting of grey to brown-weathering dolomitic rock with grey-weathering limestone pebbles and bands is the lowest member of the sequence outcropping on the Prevo group. Grey weathering black shales, seen mainly in talus or float, overlie the carbonate rocks. No 'transitional rock' of the type seen in the Howard's Pass region was noted. The shale is overlain by buff-weathering, pyrite-rich, sometimes dolomitic and/or calcareous argillite. Black shales overlie the argillite which in turn grades into a sequence of interbedded chert-pebble conglomerate, chert greywacke and black shale.

A west-northwesterly trending anticline traverses the southern portion of the group while the northern sector is traversed by a synclinal structure (see: Map 2: Section AA'). Plunges on the fold appear to be shallow to the east-southeast.

There is only very minor outcrop in the detail areas and no detail geological mapping was done.

TABLE V: GEOLOGICAL FORMATIONS

8	Chert pebble conglomerate, chert greywacke, minor black shale
6	Black (calcareous) shale
5	Buff to orange weathering argillite with black streaks, sometimes dolomitic and calcareous; disseminated pyrite, pyrite blebs
4	Black shale, party calcareous; cherty shale; some pyrite
2	Transitional rock; thinly laminated buff and black weathering dolomitic rock
1	Wavy-bedded limestone: transitional rock plus grey limestone pebbles, bands.

SUMMARY

Moderately anomalous zinc, lead and copper values were obtained from soils and silts in the extreme southeasterly and extreme northwesterly sectors of the Prevo Group. Detail grids A and B did not effectively define strong targets, although anomalous areas were outlined. Geologically, the Prevo Group is similar to the Howard's Pass area where lead-zinc mineralization occurs in black calcareous shale and siliceous mudstone overlying carbonate rocks which are similar to Unit 1. This shale at Howard's Pass is in turn overlain by dolomitic argillite similar to Unit 5 on the Prevo claims. Unit 4, therefore, would appear to be a favourable host for lead-zinc mineralization and it should be noted that both detail grids A and B are underlain chiefly by this unit.

RECOMMENDATIONS

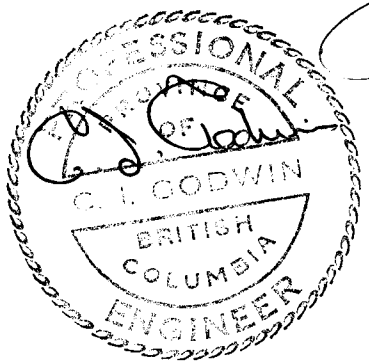
No strong targets have emerged from work conducted on the Prevo Group to date. The fact that there is a comparable geological section between Howard's Pass and the Prevo Group is encouraging. Sufficient work has been done in order to hold the claims at least until November 20th, 1974. No further work is recommended at this time, although the geology of the region may be better understood in the near future and additional work might then be considered.

Respectfully submitted,

John D. Curry

John D. Curry, P. Geol.

October, 1973



Appendix I
Schedule "A"

DYNASTY EXPLORATIONS LIMITED
SUMMARY OF COSTS
TO OCTOBER 31, 1973
PREVO CLAIM GROUP

	Schedule No.	Wages	Expenditures	Total
Geology	"B"	$ 2,135.60	$	
Geochemistry	"C"	1,013.53		
Assays	"C"		1,413.96	
Camp	"D"	72.26	1,275.28	
Miscellaneous freight and transportation	"E"		328.00	
Rotary Wing	"E"		1,542.29	
Fixed Wing	"E"		305.85	
	Note (1)	$ 3,221.39	$ 4,865.38	$8,086.77
District Expense	6%			485.20
				$8,571.97
Administration	10%			857.20
		TOTAL		$9,429.17

Note: (1) Receipts attached for all expenditures over $200.00; Receipts for lesser amounts provided upon request.

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DYNASTY EXPLORATIONS LIMITED

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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 - Prevo Group) is both correct and true.

Colin Godwin

Colin Godwin

16 November 1973

Date

A Notary Public for
British Columbia.

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

NTS: 105I-12

Scale: 1in. = 1/4mi.

0 1/8 1/4 1/2 1mi.

ZINC GROUP

grid B
maps 9-12

UN GROUP

OP GROUP

OP GROUP

NOR GROUP

LEGEND

Prevo claim posts

claim line, name

claim boundary

MAP 1

42281-62

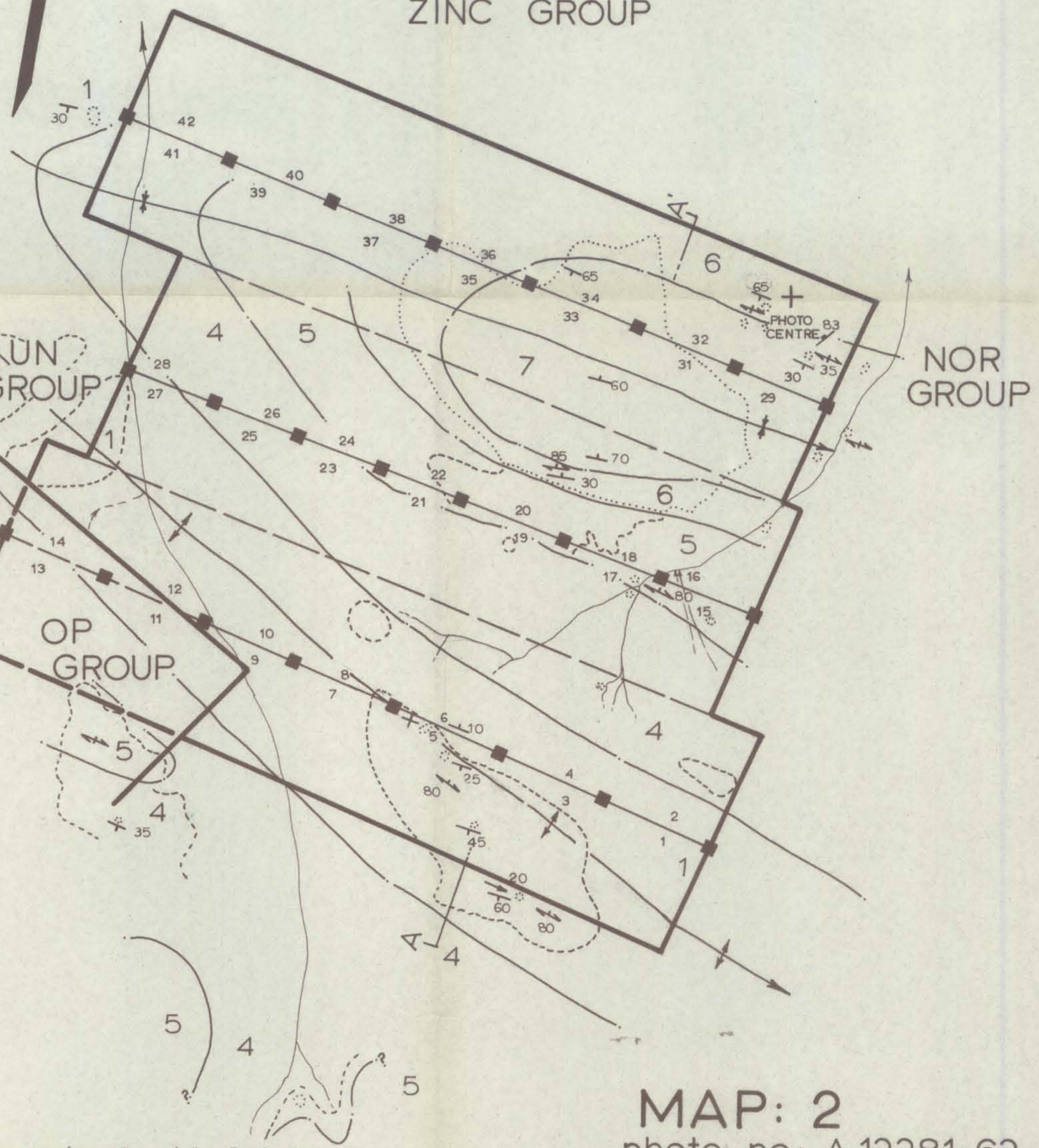
DYNASTY EXPLORATIONS LTD.

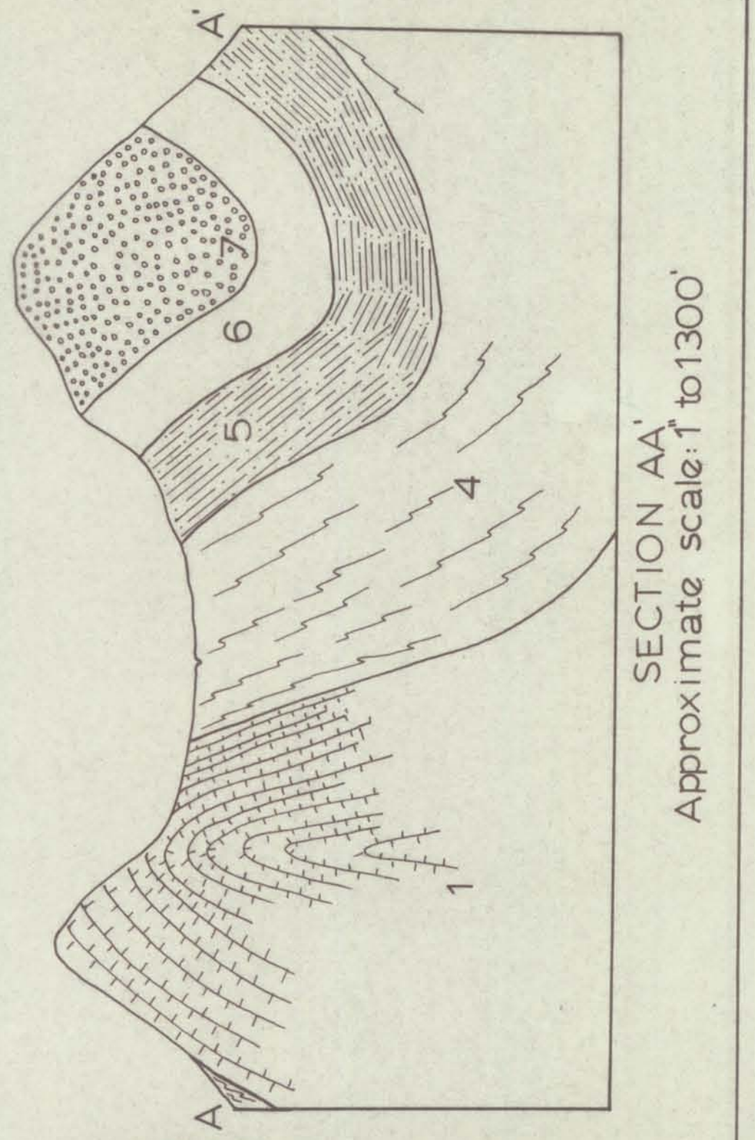
PREVO GROUP GEOLOGY

Scale: 1 in. = 1/4 mi.

0 1/4 1/2 1 mi.

ZINC GROUP





LEGEND

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

GEOLOGICAL UNITS

- 8 — chert pebble conglomerate, chert greywacke
- 6 — black calcareous shale
- 5 — buff to orange weathering argillite with black streaks, sometimes dolomitic and calcareous; disseminated pyrite, pyrite blebs
- 4 — black shale, partly calcareous; cherty shale; some pyrite
- 1 — wavey-bedded limestone: transitional rock plus grey limestone pebbles, bands

geology by: John D. Curry

MAP: 2

photo no.: A 12281-62 (N.T.S.: 105 I-12)

DYNASTY EXPLORATIONS LTD.

PREVO GROUP GEOCHEMISTRY

Scale 1 in. = 1/4 mi.

0 1/4 1/2 1 mi.

N

ZINC GROUP

UN GROUP

OP GROUP

NOR GROUP

PHOTO CENTRE

LEGEND

1/3 ■ 2/4 claim line, post, name

sample type: x rock
● silt
· soil
o other

sample name: S3C567

pH: (6.5)

integrated metal value: 12

metal character: C=Cu, P=Pb, Z=Zn

MAP: 3

photo no.: A 12281-62 (N.T.S. 105 I-12)

DYNASTY EXPLORATIONS LTD.

PREVO GROUP GEOCHEMISTRY

Scale 1 in. = 1/4 mi.

0 1/4 1/2 1 mi.

N

ZINC GROUP

UN GROUP

OP GROUP

NOR GROUP

PHOTO CENTRE

LEGEND

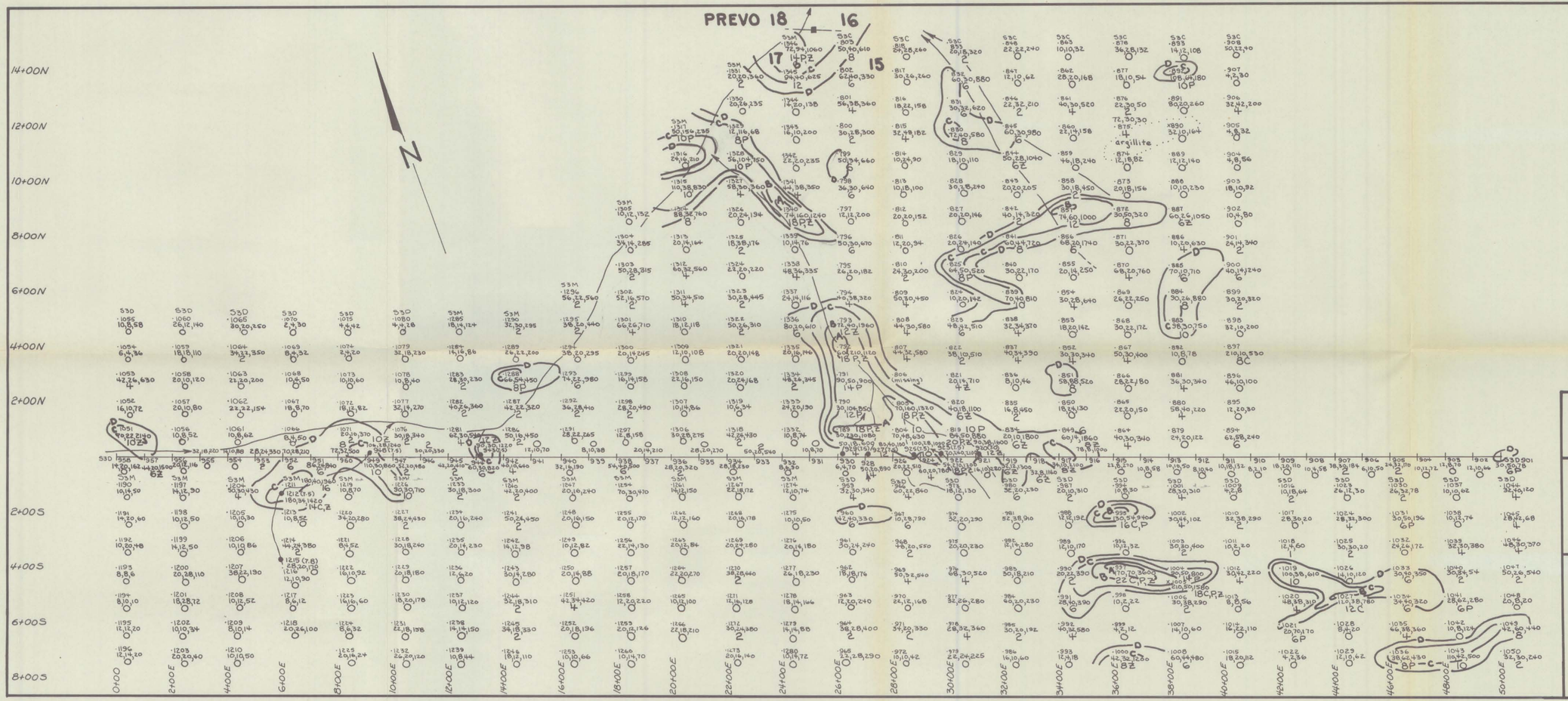
1 2 / 3 4 claim line, post, name

sample type: x rock
● silt
· soil
o other

analysis in ppm: Cu, Pb, Zn = 123, 45, 1256

MAP: 4

photo no: A 12281-62 (N.T.S. 105 I-12)



LEGEND

1 3 / 2 4 claim line, post, name

SAMPLE TYPE: x rock
· soil
● silt
o other

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

(7.0) pH

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

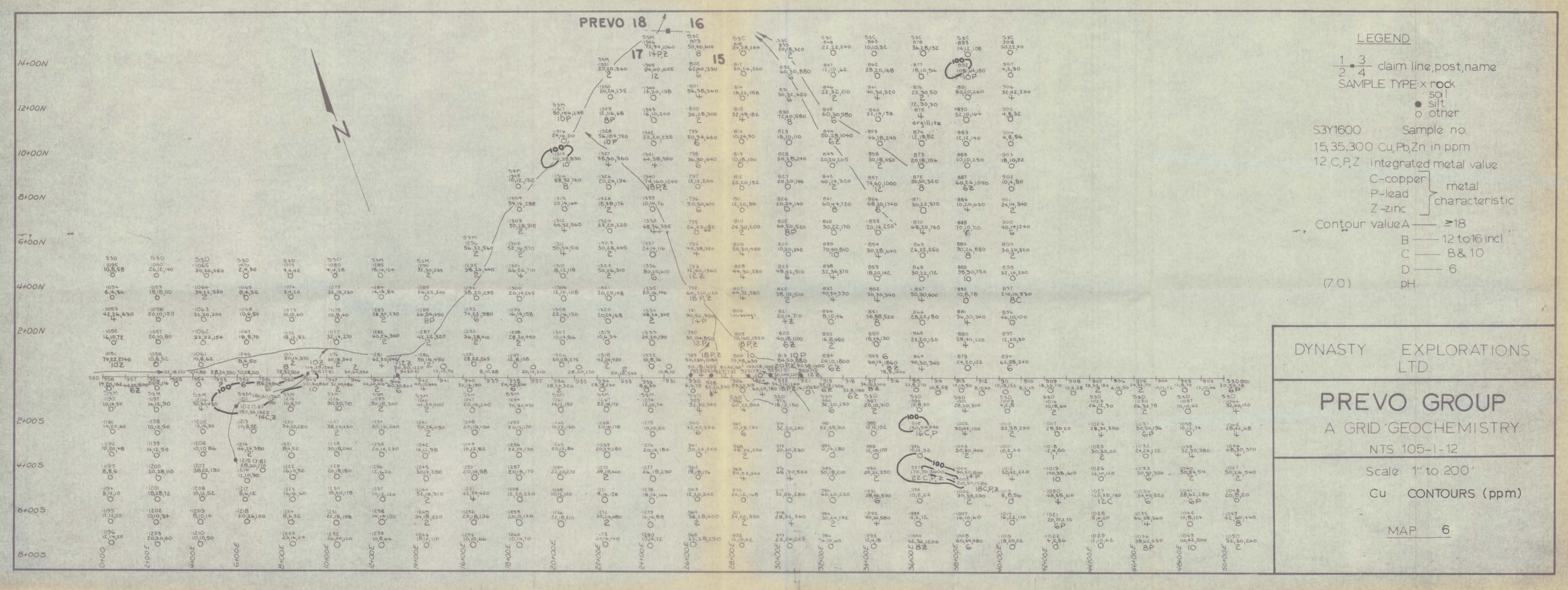
A GRID GEOCHEMISTRY

NTS 105-I-12

Scale: 1" to 200'

INTEGRATED METAL VALUE CONTOURS

MAP 5



LEGEND

1/2 • 3/4 claim line, post, name

SAMPLE TYPE: x rock
• soil
silt
o other

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

(7.0) pH

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

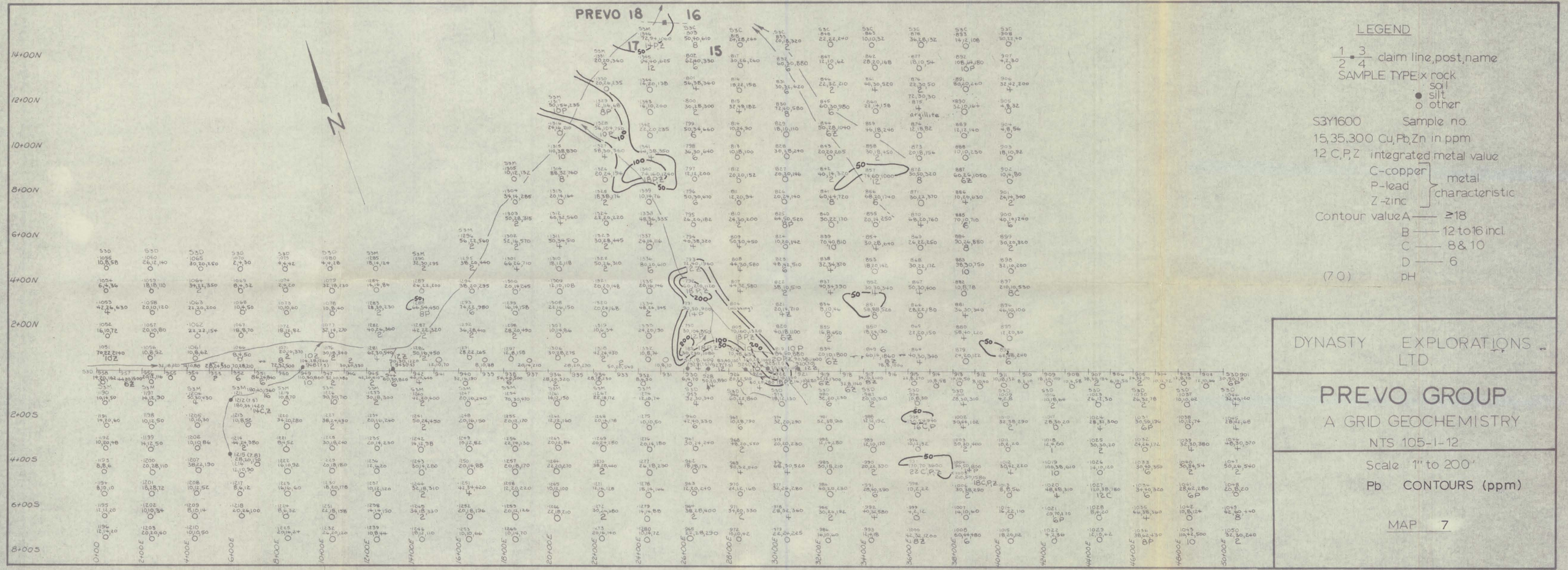
A GRID GEOCHEMISTRY

NTS 105-I-12

Scale 1" to 200'

Cu CONTOURS (ppm)

MAP 6



LEGEND

1/2 • 3/4 claim line, post, name

SAMPLE TYPE: x rock
soil
● silt
o other

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

(7.0) pH

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

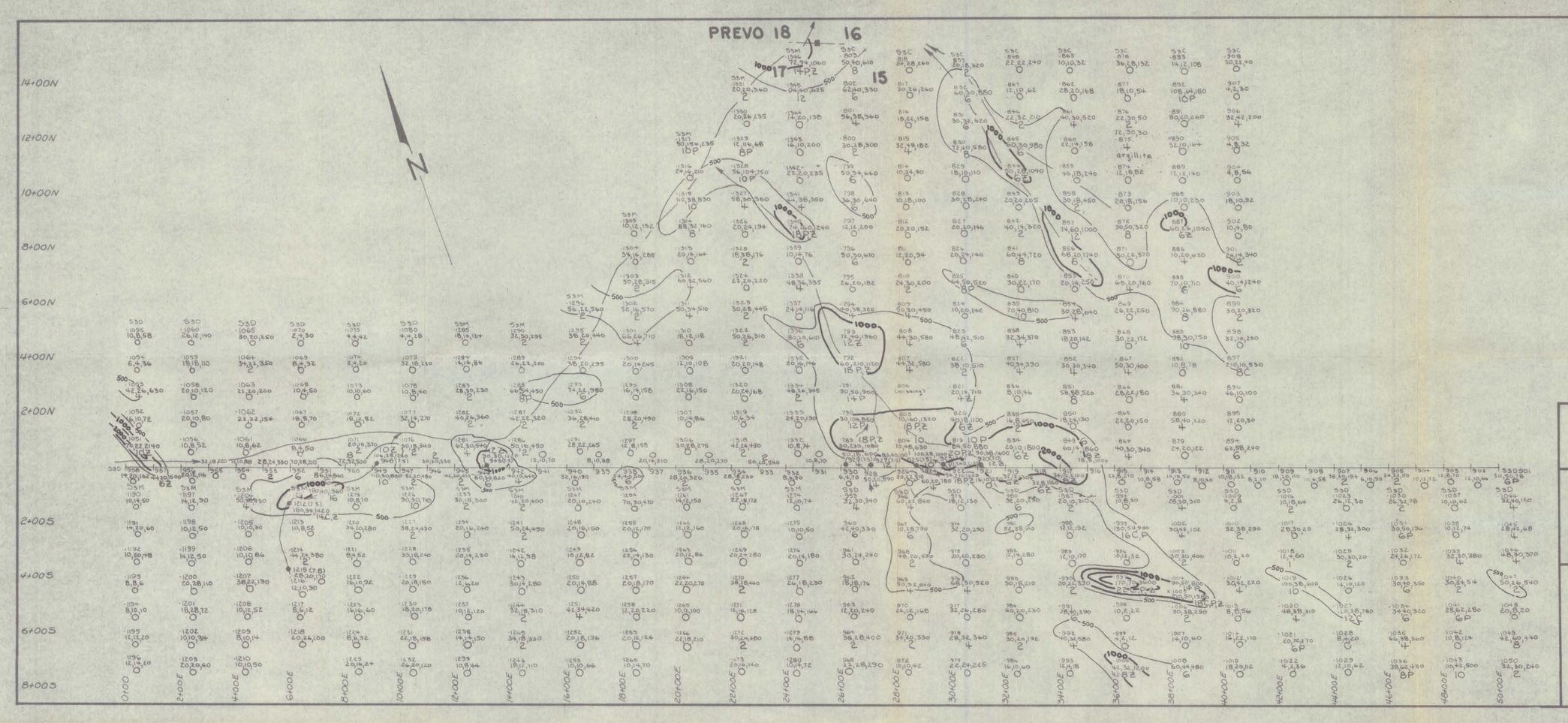
A GRID GEOCHEMISTRY

NTS 105-1-12

Scale 1" to 200'

Pb CONTOURS (ppm)

MAP 7



LEGEND

1/2 • 3/4 claim line, post, name

SAMPLE TYPE x rock
soil
• silt
o other

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

(7.0) pH

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

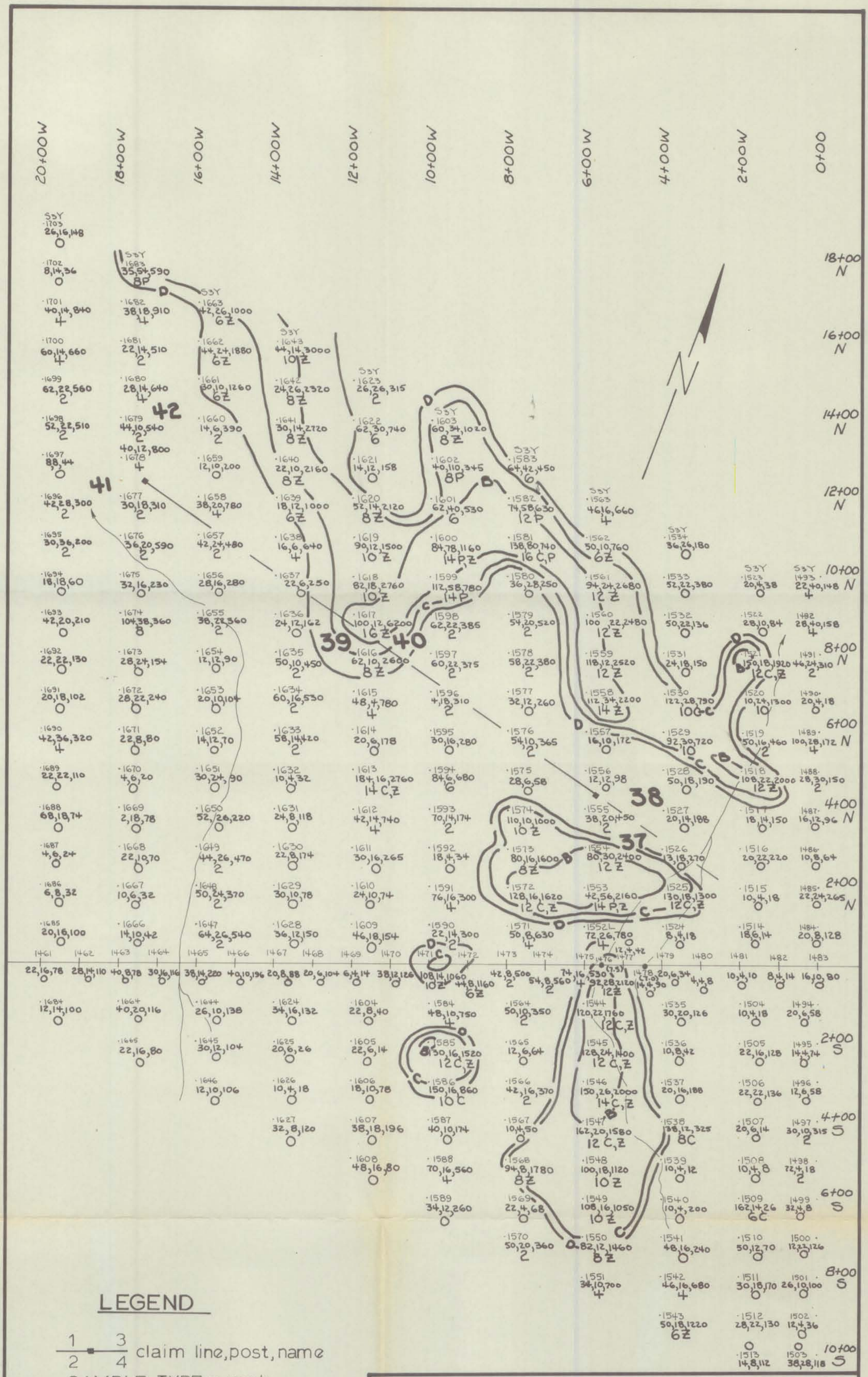
A GRID GEOCHEMISTRY

NTS 105-I-12

Scale 1" to 200'

Zn CONTOURS (ppm)

MAP 8



LEGEND

1 3 / 2 4 claim line, post, name

SAMPLE TYPE: x rock
· soil
● silt
o other

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

(7.0) pH

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

B GRID GEOCHEMISTRY

NTS 105-I-12

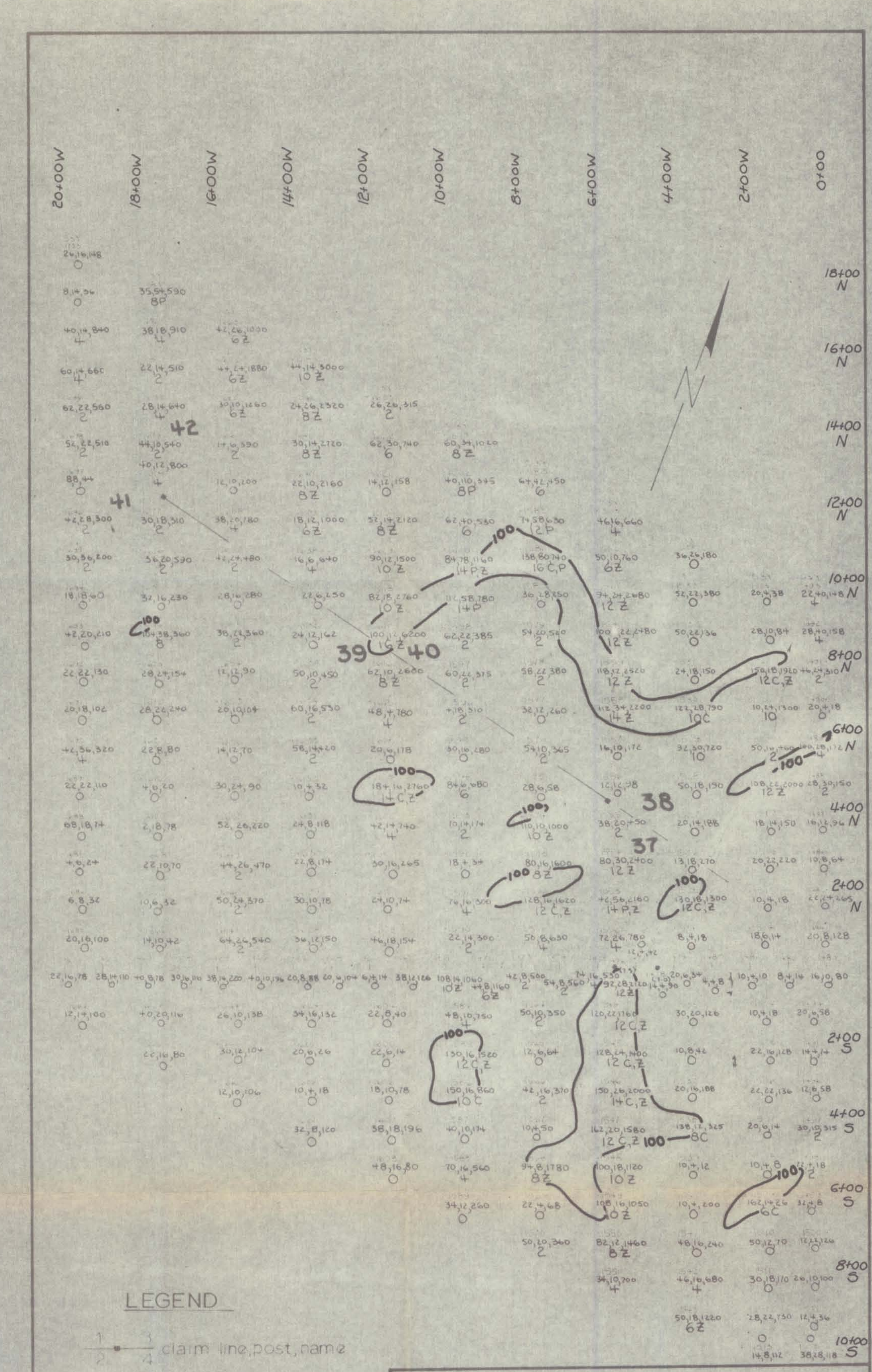
scale: 1" to 200'

INTEGRATED METAL VALUE CONTOURS

MAP 9

20+00W 18+00W 16+00W 14+00W 12+00W 10+00W 8+00W 6+00W 4+00W 2+00W 0+00

18+00 N
16+00 N
14+00 N
12+00 N
10+00 N
8+00 N
6+00 N
4+00 N
2+00 N
2+00 S
4+00 S
6+00 S
8+00 S
10+00 S



LEGEND

1 / 2 • 3 / 4 claim line, post, name

SAMPLE TYPE: x rock
· soil
• silt
o other

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

(70) pH

DYNASTY EXPLORATIONS LTD

PREVO GROUP

B GRID GEOCHEMISTRY

NTS 105-I-12

Scale 1" to 200'

Cu CONTOURS (ppm)

MAP 10

20+00W 18+00W 16+00W 14+00W 12+00W 10+00W 8+00W 6+00W 4+00W 2+00W 0+00

18+00 N
16+00 N
14+00 N
12+00 N
10+00 N
8+00 N
6+00 N
4+00 N
2+00 N
2+00 S
4+00 S
6+00 S
8+00 S
10+00 S

41 42 39 40 38 37

50 100 50

LEGEND

1 — 3 / 2 — 4 claim line, post, name

SAMPLE TYPE: x rock
' soil
• silt
o other

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

(70) pH

DYNASTY EXPLORATIONS LTD.

PREVO GROUP

B GRID GEOCHEMISTRY

NTS 105-I-12

Scale 1" to 200'

PbCONTOURS (ppm)

MAP 11

20+00W 18+00W 16+00W 14+00W 12+00W 10+00W 8+00W 6+00W 4+00W 2+00W 0+00

18+00 N
16+00 N
14+00 N
12+00 N
10+00 N
8+00 N
6+00 N
4+00 N
2+00 N
2+00 S
4+00 S
6+00 S
8+00 S
10+00 S

LEGEND

1/2 — 3/4 claim line, post, name

SAMPLE TYPE: x rock
soil
• silt
o other

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

(7.0) pH

DYNASTY EXPLORATIONS LTD

PREVO GROUP

B GRID GEOCHEMISTRY

NTS 105-I-12

Scale 1" to 200'

Zn CONTOURS (ppm)

MAP 12