86-934-15465

A&M exploration ltd. GEOLOGY • GEOPHYSICS MINING ENGINEERING

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TELEPHONE (604) 681-0191 V6C 1E1

GEOCHEMICAL REPORT

on the

PRIOR CLAIM

Cariboo Mining Division - British Columbia

Lat. 52° 36' N. Long. 121° ~~40'~~ 39.5' W.

N.T.S. 93A/12E

for

Owner: RIDEAU RESOURCES CORPORATION

Operator: A & M Exploration Ltd.

by

J. Gravel, B.Sc., M.Sc.
D. G. Allen, P. Eng. (B C.)

August 18, 1986 Vancouver, B.C.

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SUMMARY

Rideau Resources Corporation holds title to the PRIOR claims, a 16 unit claim block located in the Cariboo Mining Division of central British Columbia. The property lies 70 kilometres southeast of Quesnel and is directly accessible from Williams Lake by a good gravel road.

The PRIOR claim is strategically located along the Quesnel Basin fault, 11 kilometres southeast of the QR and QR West deposits and 4 kilometres northwest of the Cariboo Bell copper-gold deposit. Other important discoveries in the area include Dome's Maud Lake prospect and Mt. Calvery's Spanish Mountain occurrence, 20 kilometres to the northwest and 12 kilometres to the east, respectively. Significant geochemical and geophysical anomalies have been found on Golden Lake Explorations' property 7 kilometres northwest of the claim.

The aforementioned properties lie within the Quesnel Trough, a northwest trending belt of dominantly Lower Mesozoic volcanic and volcanically derived sedimentary rocks. The QR and Cariboo Bell deposits are associated with complex alkalic intrusions that are coeval to the enclosing volcanics. Both discoveries are based on geochemically and geophysically derived drill targets.

Approximately 16.2 kilometres of grid lines were established over the southeastern two-thirds of the claim block. A total of 165 "B" horizon soil samples were collected at 100 metre intervals on lines spaced 200 metres apart. Modest copper and zinc geochemical anomalies were obtained.

A program of additional soil sampling, magnetic and VLF-electromagnetic surveys is proposed.

CONCLUSION

Continued positive results by various companies in the Quesnel River area indicate that the area will continue to be one of intense exploration activity. The PRIOR claim is strategically located in terms

of proximity to known deposits and positioned along favourable structures and geology. Good accessibility and moderate to thin glacial drift promote cost effective exploration.

Preliminary soil geochemical sampling has revealed two multielement anomaly trends. One seems to define an underlying mafic rock unit, and the other possibly suggests sulphide mineralization along the contact of the mafic unit. Gold levels are low, however, three samples obtained from the edges of the claim have anomalous concentrations.

RECOMMENDATIONS

A two phase program is proposed to fully evaluate the mineral potential of the PRIOR claim. Phase I consists of further geochemical sampling at 50 metre by 100 metre spacing to better define two multielement zones. Magnetic, VLF-electromagnetic and induced polarization surveys are recommended for these zones, to locate sulphide concentrations. Should results of Phase I be positive, a Phase II program comprising trenching and follow-up diamond drilling is recommended. Estimated costs of Phase I and Phase II are $26,000.00 and $70,0000.00, respectively, for a grand total of $96,000.00.

ESTIMATED COSTS OF RECOMMENDATIONS

PHASE I Geochemical soil sampling, geological mapping, VLF-EM, Magnetometer and Induced Polarization surveys.

Salaries

Geologist	12 days @ $200/day	$ 2,400
4 Assistants	48 days @ $100/day	4,800
Induced Polarization Survey	5 kilometres @ $1000 (all incl.)	5,000
Geochemical Analysis	250 samples @ $12	3,000
Room and Board	75 man days @ $35	2,625
Vehicle Rental		1,000
Material, Camp Supplies		1,000
Instrument Rental		1,000
Report and maps		2,500
	Subtotal	$23,325
	Contingencies	$ 2,675
	TOTAL PHASE I	**$26,000**

PHASE II Follow-up trenching and diamond drilling.

Salaries

Geologist	1 month @ $6,000	$ 6,000
Assistant	1 month @ $3,000	3,000
Room and Board	60 man days @ $35	2,100
Vehicle Rental		1,000
Backhoe for trenching	75 hours @ $75/hr.	5,625
Bulldozer for drill site preparation	25 hrs. @ $80/hr.	2,000
Drilling	1000 feet @ $35/ft	35,000
Geochemical Analysis	250 samples @ $12	3,000
Material and Supplies		3,000
Report and Maps		2,500
	Subtotal	$63,225
	Contingencies	6,775
	TOTAL PHASE II	**$70,000**
	GRAND TOTAL	**$96,000**

INTRODUCTION

Rideau Resources Corporation holds the PRIOR claim, a 16 unit block which was staked based on its favourable geology, structure and position relative to several substantial gold discoveries in the Cariboo-Quesnel Gold belt. The property lies 11 kilometres southeast of Dome Mines' QR (950,000 tons grading 0.21 oz/ton Au) and QR West deposits, and 4 kilometres northwest of E and B Exploration's Cariboo Bell copper-gold deposit and 12 kilometres west of Mt Calvery's Spanish Mountain deposit. Golden Lake Explorations Ltd. has identified geophysical and geochemical targets on their property immediately to the west of the PRIOR claims (Saunders, 1985).

This report summarizes results of preliminary geochemical soil sampling carried out on the more accessible parts of the claim block by D. Sorenson and B. Schmucker during the period July 1 and 4, 1986. Also summarized is the geology of the QR, QR West, Maud and other exploration targets in the Cariboo-Quesnel gold belt.

LOCATION, ACCESS, PHYSIOGRAPHY

The PRIOR claim is situated 70 kilometres southeast of Quesnel, British Columbia (Figure 1), on a broad hill top between Polley and Little Lakes (Figure 2). The area is part of the Quesnel Highlands of the Interior Plateau. Low rolling hills separated by boggy creeks are the principal physiographic features of the area. The hills are typically covered by a thin veneer of glacial till which varies from less than one metre to several tens of metres thick. Maximum relief in the area is 160 metres.

Forest cover consists of mature growth of lodgepole pine, balsam, fir, spruce and poplar with undergrowth of alder and willow. The property is within one kilometre of a good gravel road. A rough 4 wheel-drive road provides access to the northeastern corner of the claim.

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

LOCATION MAP

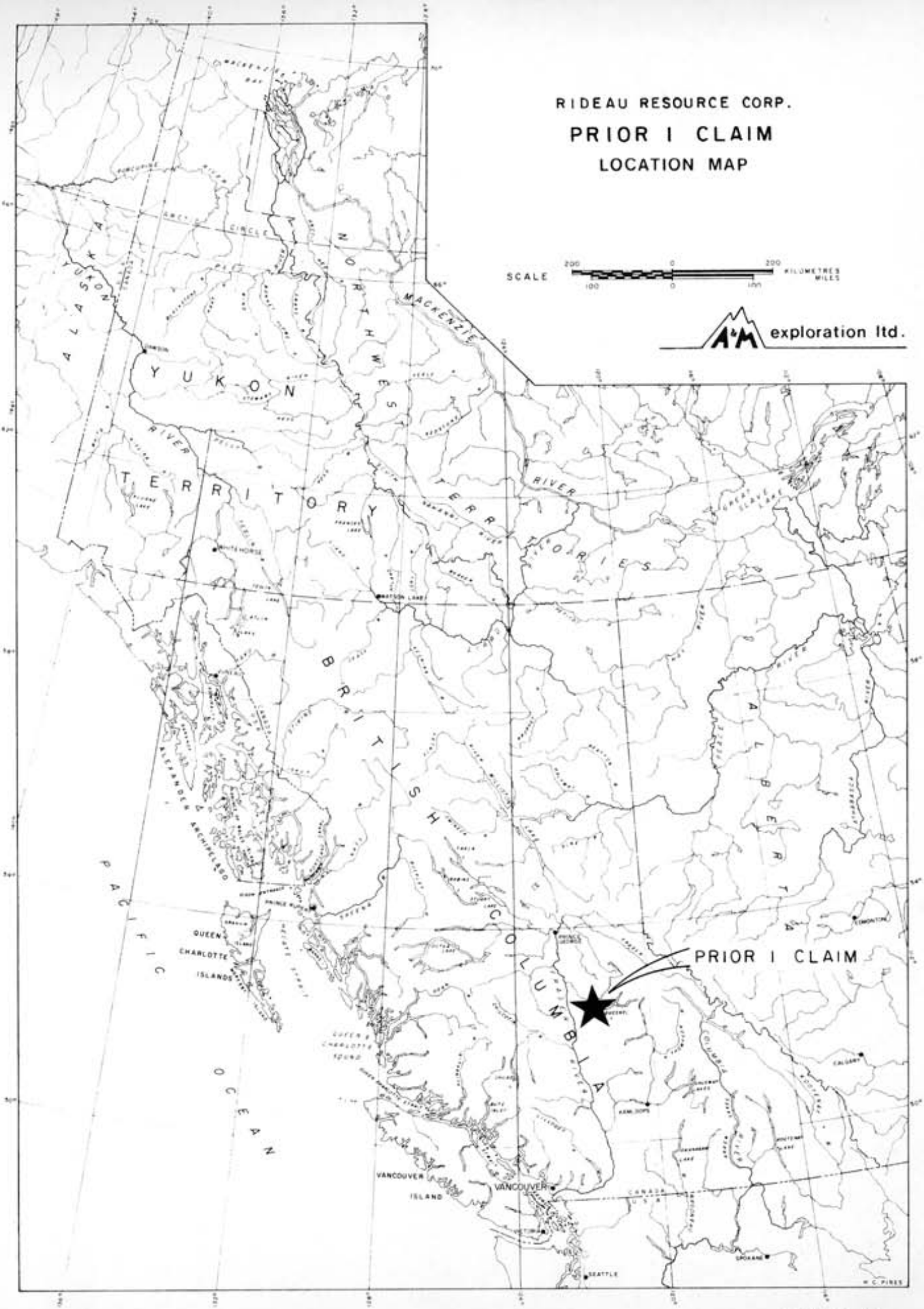
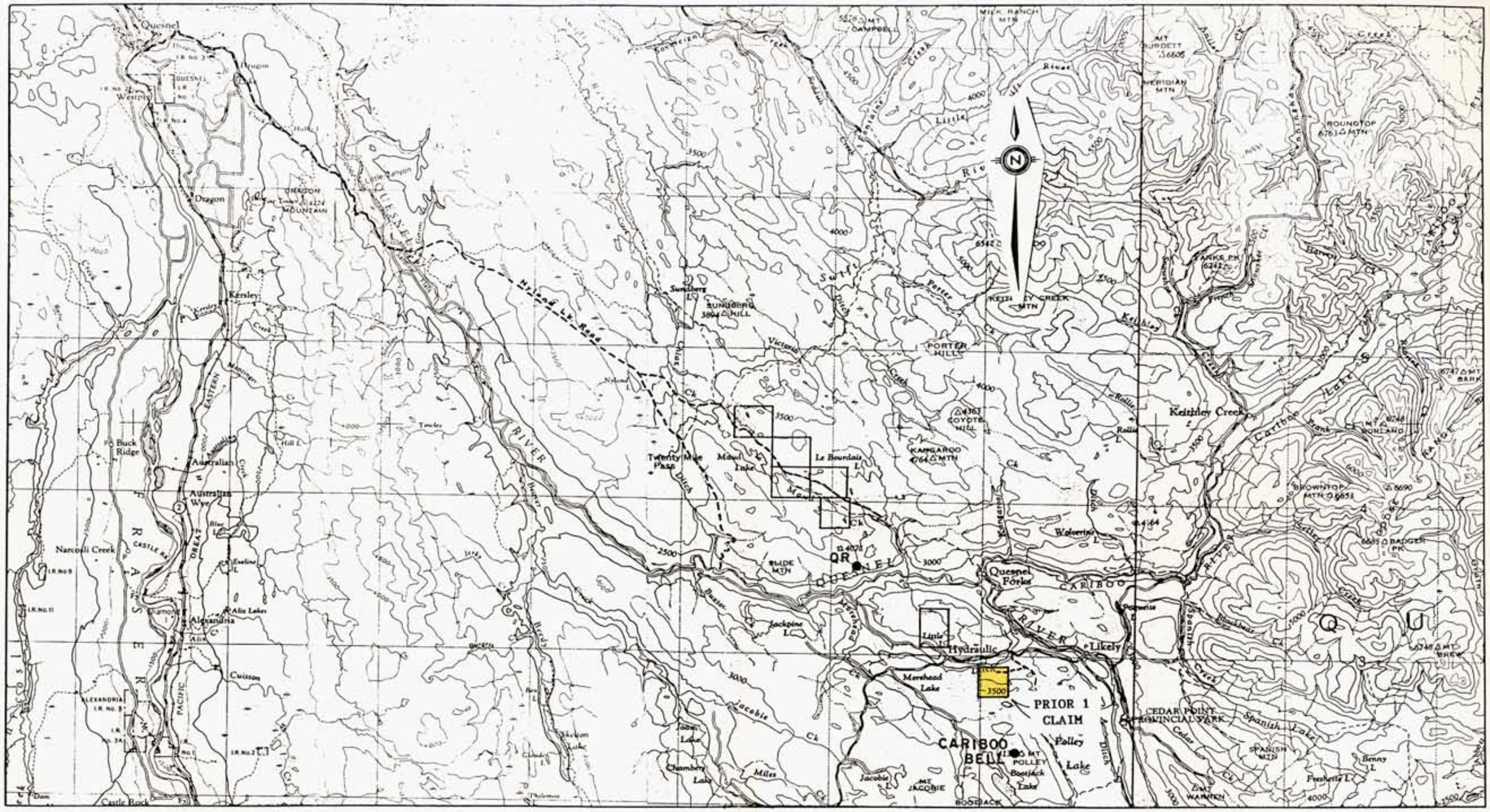


FIGURE – 1



N.T.S. 93 A, B

SCALE 5 0 5 KILOMETRES / 5 0 5 MILES

1 : 250,000

RIDEAU RESOURCE CORP.

ACCESS MAP

PRIOR 1 CLAIM

Cariboo Mining Division - British Columbia

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Figure 2

CLAIM DATA

The PRIOR claim is registered in the name of Peter Osha and has been transferred to Rideau Resources Corp. The Claim Record Number is 7246 and expiry date is December 27, 1986. Claim boundaries are shown on (Figure 3).

GEOLOGY

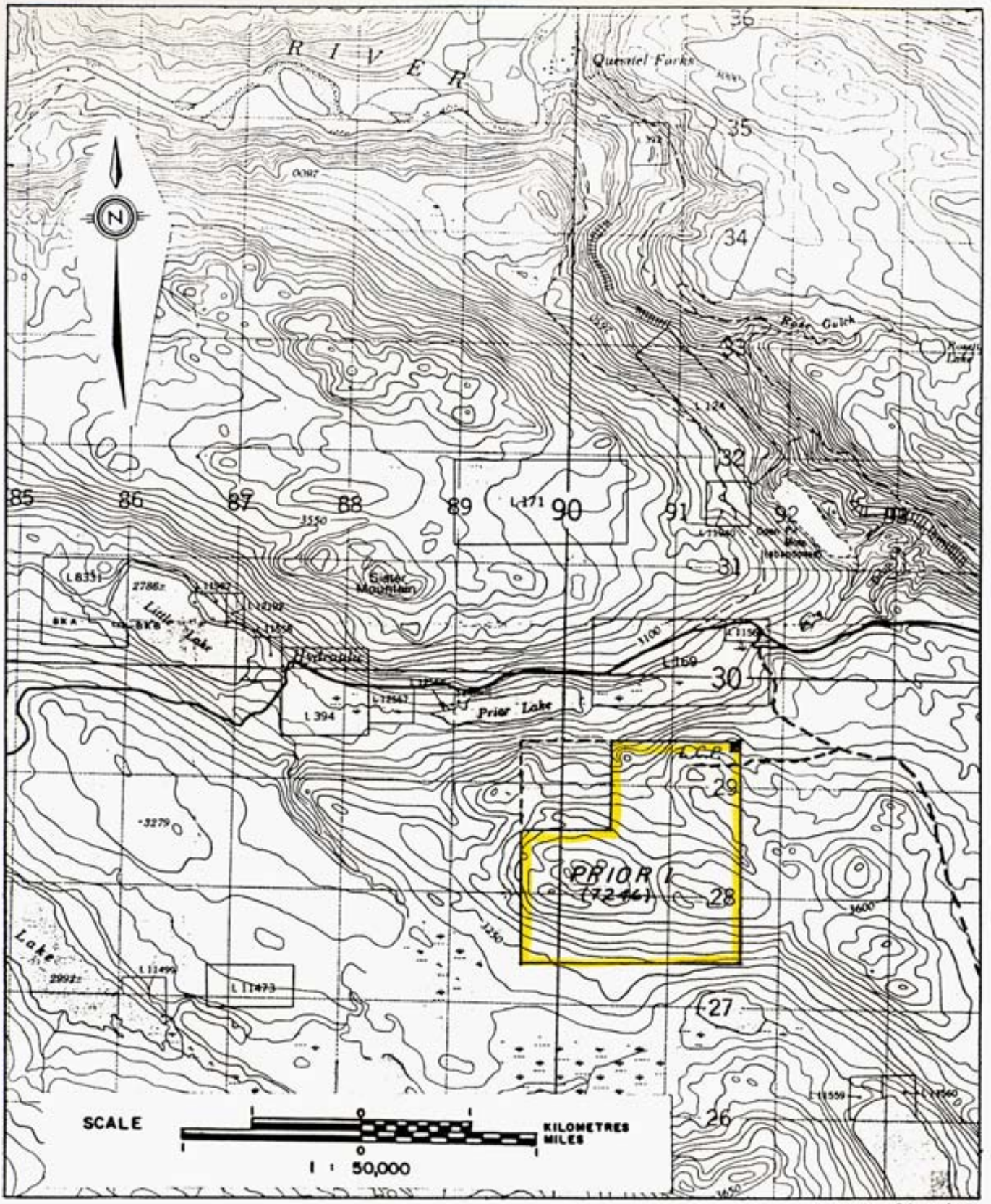
Regional Geology

The area of interest is underlain by a thick sequence of mainly Upper Triassic and Lower Jurassic volcaniclastic and sedimentary rocks that lie in a fault bounded structure termed the Quesnel Trough (Campbell and Tipper, 1970). It is a northwesterly trending feature about 35 kilometres wide (Figure 4a) which is flanked on the east by Proterozoic and Paleozoic strata of the Omineca geanticline and on the west by Upper Paleozoic rocks of the Pinchi geanticline. Intrusive rocks in the trough fall into two age groups. Those grouped as 200 m.y. $\pm$ include two types: (1a) plutons and batholiths such as the Takomkane batholith, which vary in composition from granodiorite to quartz diorite and (1b) small alkalic stocks that are apparently coeval with enclosing volcanic rocks and vary in composition from syenite through diorite to pyroxenite; (2) plutons of the 100 m.y. $\pm$ age group are primarily biotite quartz monzonite and granodiorite and are commonly porphyritic - one such intrusion outcrops in the Quesnel River valley 13 kilometres west of the claim area and another unmapped intrusion lies about 5 kilometres northwest of Maud Lake.

Property Geology

Because relief in the PRIOR claim area is subdued, outcrops are few. Outcrops are confined to some of the higher ridges on the northeast corner of the property.

The main rock types in the immediate area as described by Bailey (1976) are as follows:



N.T.S. 93 A/12

RIDEAU RESOURCE CORP.

CLAIM MAP

PRIOR 1 CLAIM

Cariboo Mining Division - British Columbia

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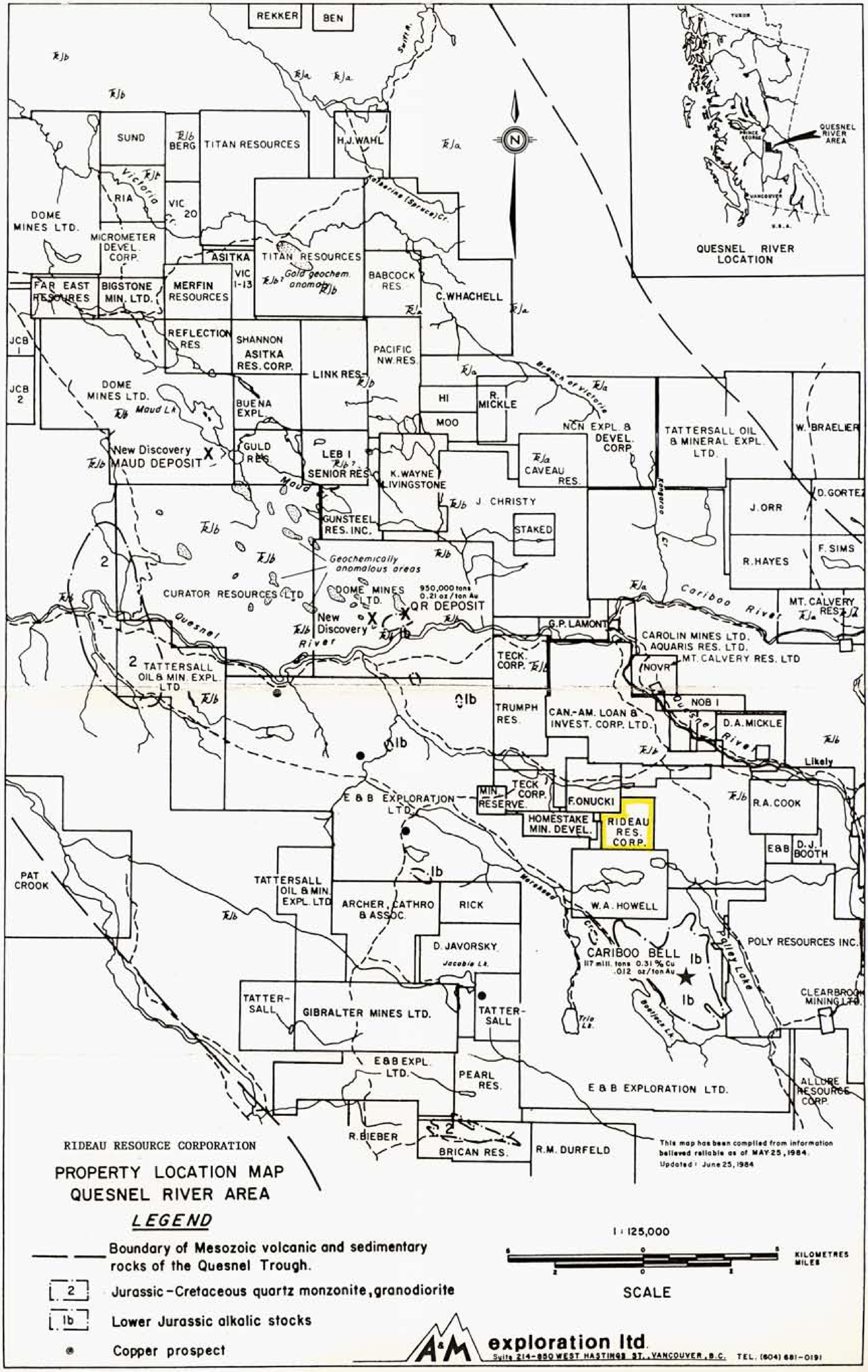
Figure 3



REKKER
BEN
Swift R.
SUND
BERG
TITAN RESOURCES
H.J.WAHL
Victoria
RIA
VIC 20
Cr.
DOME MINES LTD.
MICROMETER DEVEL. CORP.
Kafaerine (Spruce) Cr.
ASITKA
TITAN RESOURCES
VIC 1-13
Gold geochem. anomaly
BABCOCK RES.
C.WHACHELL
FAR EAST RESOURES
BIGSTONE MIN. LTD.
MERFIN RESOURCES
REFLECTION RES.
SHANNON
ASITKA RES. CORP.
PACIFIC NW.RES.
LINK RES.
JCB 1
JCB 2
DOME MINES LTD.
Maud Lk
BUENA EXPL.
HI
R. MICKLE
MOO
Branch of Victoria
NCN EXPL. & DEVEL. CORP.
TATTERSALL OIL & MINERAL EXPL. LTD.
W. BRAELIER
New Discovery
MAUD DEPOSIT
GULD RES.
LEB I
SENIOR RES.
K. WAYNE LIVINGSTONE
CAVEAU RES.
Kangaroo Cr.
D.GORTEZ
J. CHRISTY
J.ORR
Maud
GUNSTEEL RES. INC.
STAKED
F. SIMS
R.HAYES
Geochemically anomalous areas
CURATOR RESOURCES LTD
DOME MINES LTD.
950,000 tons
0.21 oz/ton Au
QR DEPOSIT
Cariboo River
MT. CALVERY RES.
New Discovery
Quesnel River
G.P. LAMONT
CAROLIN MINES LTD.
AQUARIS RES. LTD.
MT. CALVERY RES. LTD
2
TATTERSALL OIL & MIN. EXPL. LTD.
TECK. CORP.
NOVR
NOB I
Quesnel River
D.A. MICKLE
TRUMPH RES.
CAN.-AM. LOAN & INVEST. CORP. LTD.
Ib
Likely
E & B EXPLORATION LTD.
MIN. RESERVE.
TECK CORP.
F.ONUCKI
R.A. COOK
HOMESTAKE MIN. DEVEL.
RIDEAU RES. CORP.
E&B
D.J. BOOTH
PAT CROOK
TATTERSALL OIL & MIN. EXPL. LTD
ARCHER, CATHRO & ASSOC.
RICK
Morehead Cr.
W.A. HOWELL
D. JAVORSKY
Jacobie Lk.
POLY RESOURCES INC.
CARIBOO BELL
117 mill. tons 0.31 % Cu
.012 oz/ton Au
Polley Lake
Bootjack Lk.
Trio Lk.
TATTER-SALL
GIBRALTER MINES LTD.
TATTER-SALL
CLEARBROOK MINING LTD.
E&B EXPL. LTD.
PEARL RES.
E & B EXPLORATION LTD.
ALLURE RESOURCE CORP.
R. BIEBER
BRICAN RES.
R.M. DURFELD
QUESNEL RIVER AREA
PRINCE GEORGE
VANCOUVER
YUKON
U.S.A.
QUESNEL RIVER LOCATION
RIDEAU RESOURCE CORPORATION
PROPERTY LOCATION MAP
QUESNEL RIVER AREA
This map has been compiled from information believed reliable as of MAY 25, 1984.
Updated: June 25, 1984
LEGEND
Boundary of Mesozoic volcanic and sedimentary rocks of the Quesnel Trough.
2 Jurassic-Cretaceous quartz monzonite, granodiorite
Ib Lower Jurassic alkalic stocks
Copper prospect
1:125,000
KILOMETRES
MILES
SCALE
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FIGURE 4a

Unit 2a - (Upper Triassic ?) Green and gray hornblende - diopside andesite autobrecciated flows, hornblende-diopside andesite laharic deposits; minor basic sandstone and argillite.

Unit 3a - (Lower Jurassic) - Gray and maroon polylithologic laharic breccias containing clasts of felsic, intermediate, and basic volcanic and intrusive material, in matrix of variable composition; minor felsic flow material.

Unit 4 - (Lower Jurassic) - Maroon amygdaloidal diopside - analcite, diopside - analcite - plagioclase basaltic andesite autobrecciated flows, minor laharic deposits.

MINERAL OCCURRENCES OF THE AREA

In addition to the well known placer gold deposits, two significant mineral deposits occur in the Quesnel River area. The QR prospect is a gold discovery currently being explored by Dome Mines Ltd. Reserves reported by Dome are 950,000 tons grading 0.21 oz/ton gold (1981 Dome Mines Annual Report). The Cariboo Bell deposit is a large tonnage low grade copper-gold deposit currently being explored by E and B Exploration. Mineable open pit reserves are 117 million tons grading between 0.04 and 0.05 oz/ton gold (North American Gold Mining News, January 15, 1984). In addition, recent discoveries in the area have been made by Dome Mines - the QR West and Maud deposits (Figure 4a).

Exploration by E and B Exploration Inc. on the LL claims (August 1, 1985, prospectus report for Golden Lake Explorations Inc.), immediately west of the PRIOR property has outlined an area of anomalous gold geochemistry (16-25ppb, with spot highs) in conjunction with a major fault and an airborne magnetic anomaly.

Mt. Calvery Resources have announced a new gold discovery on Spanish Mountain 12 kilometres to the east. Gold occurs associated with pyrite in phyllites and graphitic phyllites with values to 0.1 oz/ton Au over widths up to 15 metres (see Mt. Calvery Resources various news releases).

Copper ± gold mineralization is widespread in the Quesnel Trough. A number of copper prospects are shown on Figures 4a and 4b. Bailey (1976) recognizes five types of copper deposits in the Morehead Lake are (93A/12):

1. Copper associated with amygdaloidal basalt - infillings of vesicles and breccia interstices; common but small and erratic occurrences.
2. Stratiform deposits - one occurrence near Morehead Lake.
3. Alkalic porphyry, e.g., Cariboo Bell and small showing north of Morehead Lake.
4. Copper in hornblende diorite and monzonite - numerous small showings in diorite - monzonite complex between Likely and west of Quesnel Lakes.
5. Copper and molybdenum in quartz monzonite, e.g., Gavin Lake stock.

QR Deposit

Geological data of the QR deposit has not been published; however, a brief description of the property prior to the discovery of the gold deposit was made by Richardson (1978). According to Richardson:

> "Dark grey alkali basalts and layers of unstratified basaltic autobreccia form outcrops on the west part of the property. Poorly bedded volcanic wackes, sedimentary grits, and stock comprising augite diorite, biotite monzodiorite and minor coarse grained syenite outcrop on steep slopes of the Quesnel River valley. The stock is exposed along the valley side for some 1100 metres. The east and north part of the stock is highly fractured and altered to K-feldspar veinlets and irregular patches of epidote. Pyrite is abundant and forms disseminated grains and thin films on fractures. Magnetite forms disseminated aggregates and small stockwork zones associated with K-feldspar and epidote."

Gold mineralization, according to Saleken and Simpson (1984) after Fox (1983), is associated with a pyrite-epidote alteration zone flanking the zoned stock.

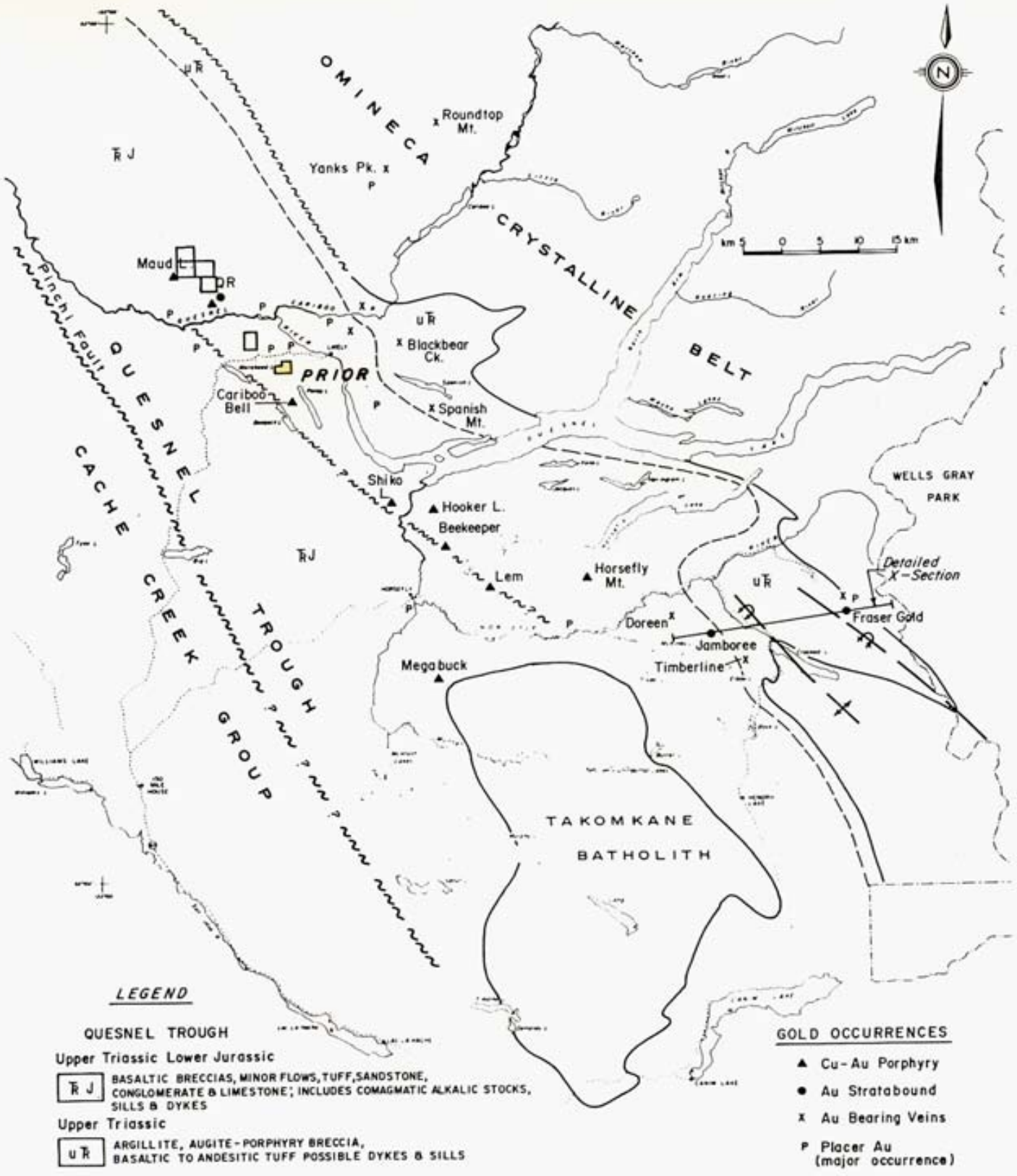


Figure 4b QUESNEL GOLD BELT - TECTONIC FEATURES AND GOLD OCCURRENCES

After Saleken and Simpson (1984)

Cariboo Bell

The Cariboo Bell deposits have been described by Hodgson et al (1976) and by Simpson and Saleken (1983). The deposits occur in an alkalic syenite complex which intrudes the upper part of thick sequence of Upper Triassic trachybasalts and volcaniclastic strata. Volcanic conglomerate and sandstone form a thick unit at the base of the sequence. Volcanic flows in the sequence are of two types: (1) porphyritic augite trachybasalts with pillow basalt and aquagene tuff; and (2) andesite trachybasalt. Crystal and lapilli tuff and polymictic volcanic breccias occur locally. This volcanic assemblage is intruded by a coeval subvolcanic laccolith consisting of six phases. These phases include syenodiorite, monzonite, porphyry, intrusion breccia, pyroxenite-gabbro, and pseudoleucite syenite lenses. Magnetite, chalcopyrite and pyrite occur as disseminations, fracture fillings and cavity fillings in the intrusion breccias near the top of the laccolith. Potash feldspar-biotite-diopside alteration surrounded by garnet-epidote alteration zones occur within the breccia zones.

Frasergold Prospect

The Frasergold deposit, as described by Belik (1983), appears to be a stratabound gold deposit. Gold mineralization occurs within an iron-carbonate-rich member of a phyllite sequence of Upper Triassic age. Gold occurs both within the phyllite and in quartz-carbonate "sweats".

1986 WORK PROGRAM

A soil geochemical survey was undertaken to provide a preliminary evaluation of the mineral potential of the PRIOR claim block. Line 64N was tied into the PRIOR legal claim post in the northeast claim corner. The baseline (BL 50+00E) has a bearing of 135°. The crosslines having an orientation of 045°, are perpendicular to the regional structural and lithological trend. A total of 165 soil samples were collected over 16.2 line kilometres of grid in 8 man days by D. Sorenson and B. Schmucker from July 1 to 4, 1986. Sample spacing is 100 metres on lines 200 metres apart. Soil material sampled consisted mainly of glacial till taken at depths greater than 20 centimetres.

Sampling procedures, analytical methods, statistical interpretation and a listing of results is given in Appendix I. Sample sites and numbers are plotted on Figure 5. Samples results are plotted on Figures 5a to 5p.

ANALYTICAL RESULTS

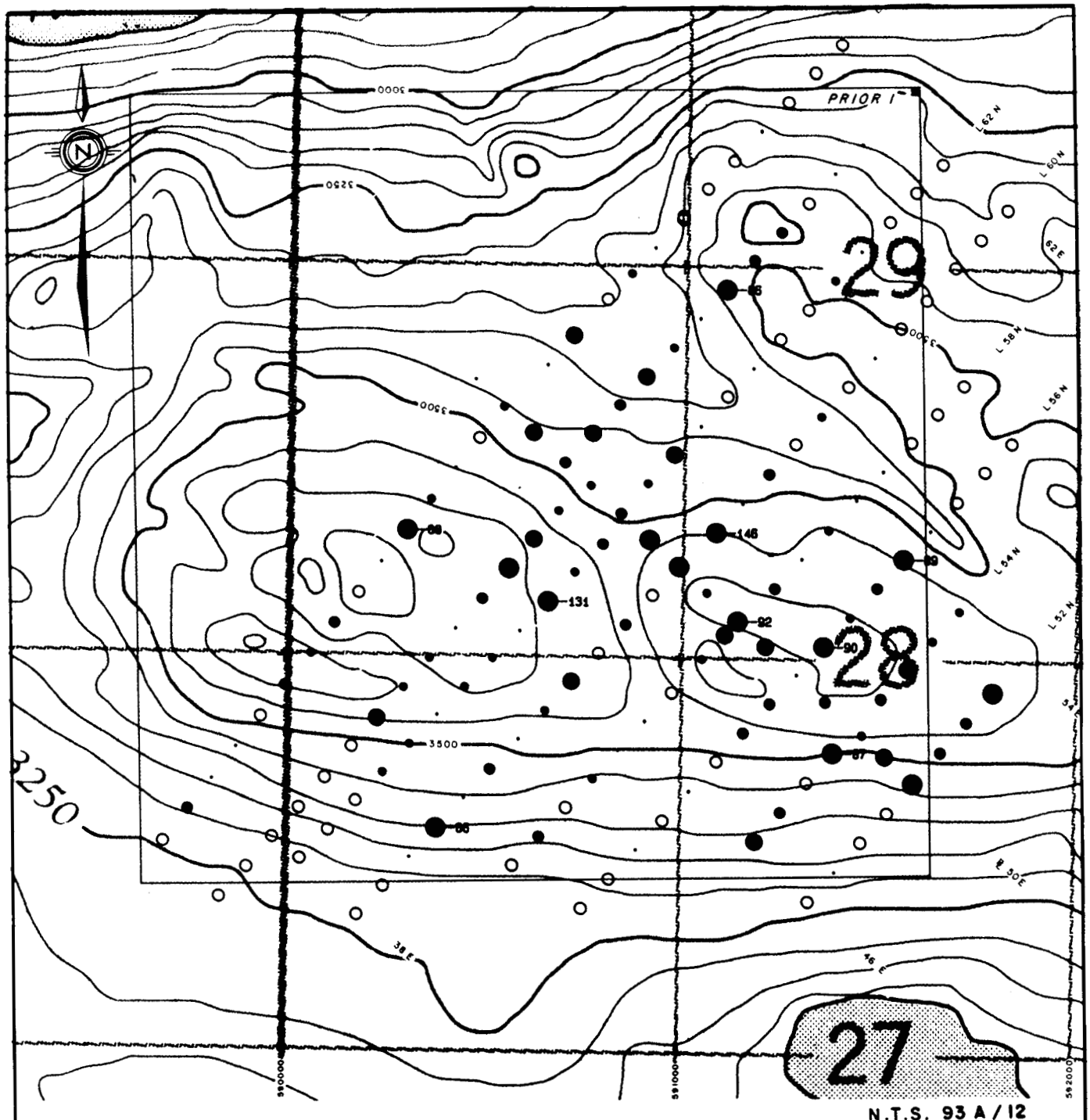
Gold concentrations on the PRIOR claim are, in general, low. Five samples returned values exceeding the detection limit of 5 ppb (parts per billion). Three samples are considered having anomalous concentrations ranging in value from 35 ppb to 80 ppb. Peak values are found in the southwest claim corner and the northeast claim corner.

Seventeen other element plots were examined. Two principal multielement anomaly trends have been defined. The first anomaly trend (1 on Figure 6) is best defined by copper (Figure 5a), having a maximum concentration of 146 ppm (parts per million) and chromium up to 105 ppm. The zone of enrichment lies along the baseline 50E from 52N to 64N. Other elements that show this pattern are: lead (Figure 5b) up to 12 ppm, cobalt (Figure 5f) up to 20 ppm, iron (Figure 5h) up to 5.29%, and to a lesser extent, calcium (Figure 5k) up to 1.41%, titanium (Figure 5o) up to 0.12%, and aluminum up to 4.15%. The anomaly patterns

and element associations suggest a mafic unit of the Nicola volcanic sequence underlies the first trend.

The second anomaly (2 on Figure 6) trend exhibited best by zinc (Figure 5c) with a maximum value of 214 ppm and arsenic (Figure 5f) up to 13 ppm. The second multielement zone lies peripheral to the first multielement trend. Highest values are found on lines 56N to 64N from 300 to 500 metres northeast of the baseline. Similar trends are observed for iron (Figure 5h) up to 5.79%, phosphorus (Figure 5l up to 52%, barium (Figure 5n) up to 196 ppm and aluminum (Figure 5p) up to 4.95%. The element patterns and associations could be an indication of iron-zinc sulphide mineralization lying along the contact between the central mafic unit and the surrounding unit.

Donald F Allen



LEGEND

Copper (ppm)

SELECTION 1

- > 85
- >80 TO 85
- >70 TO 80
- >60 TO 70
- >50 TO 60
- >40 TO 50
- 0 TO 40

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

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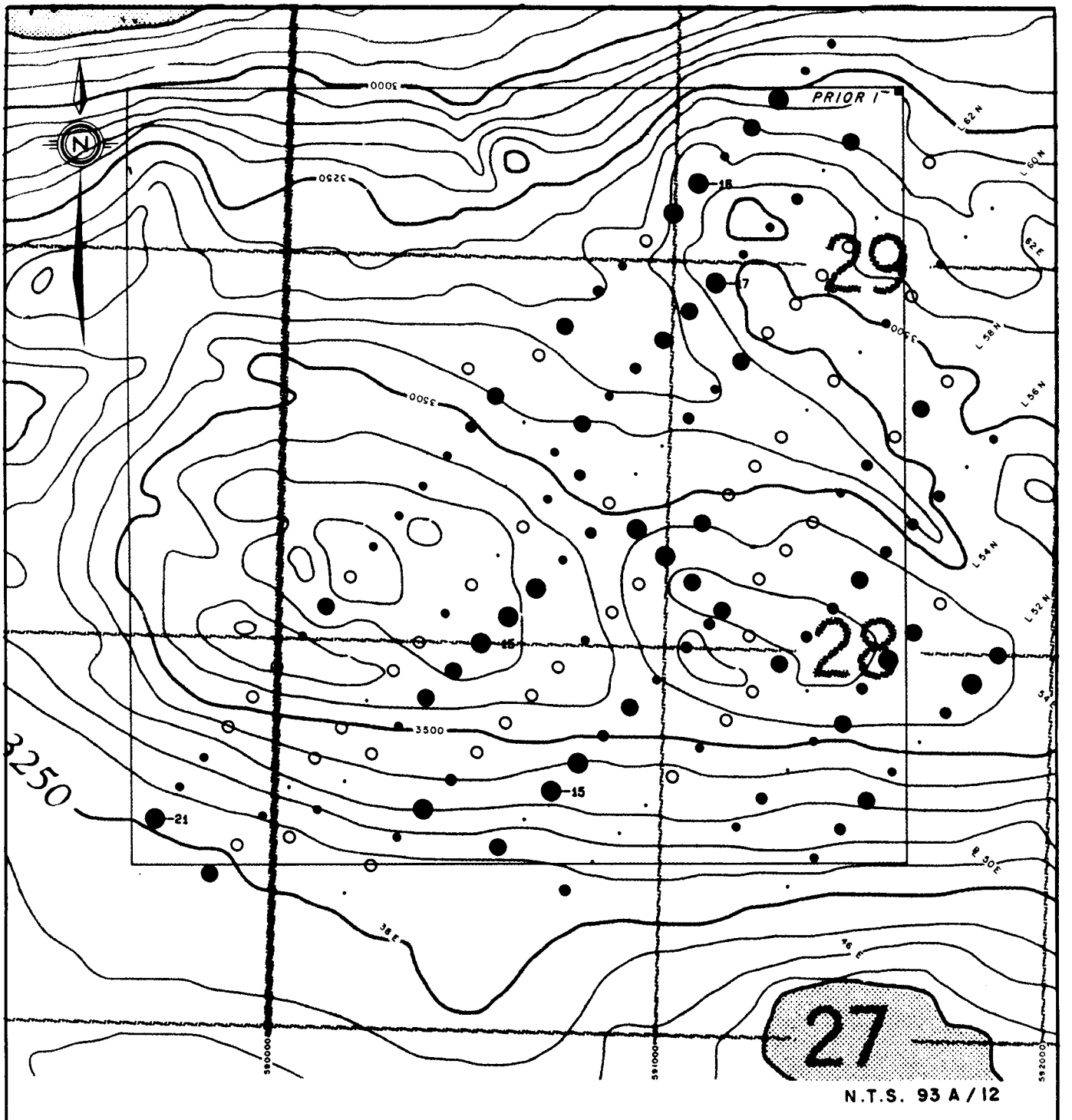
Aug., 1986.

FIGURE 5a



LEGEND

Lead (ppm)

SELECTION 1

- > 15
- >13 TO 15
- >11 TO 13
- >9 TO 11
- >7 TO 9
- >5 TO 7
- 0 TO 5

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

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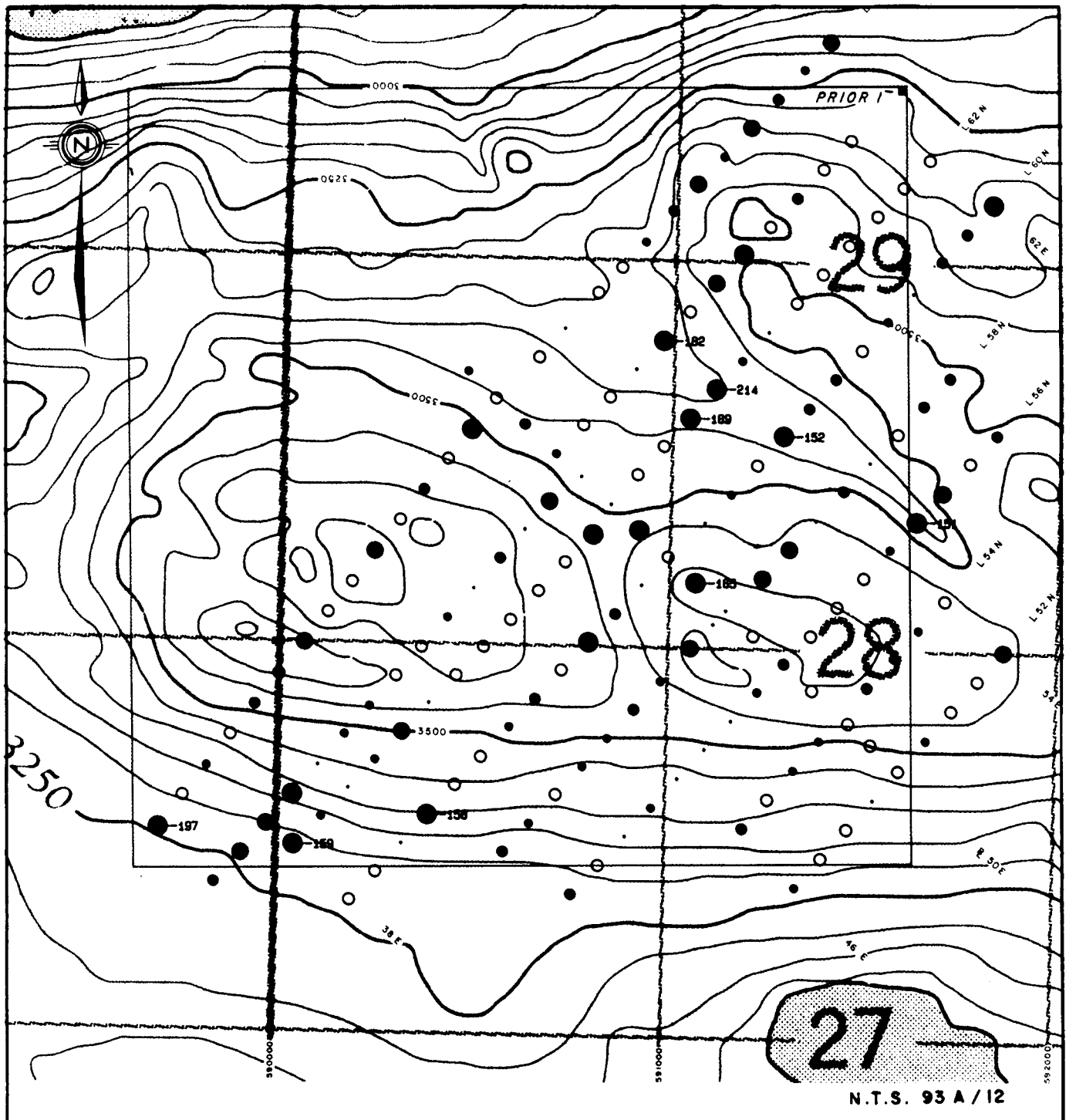
Aug., 1986.

FIGURE 5b



LEGEND

Zinc (ppm)

SELECTION 1

150

> 150
>125 TO 150
>110 TO 125
>100 TO 110
>90 TO 100
>80 TO 90
0 TO 80

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

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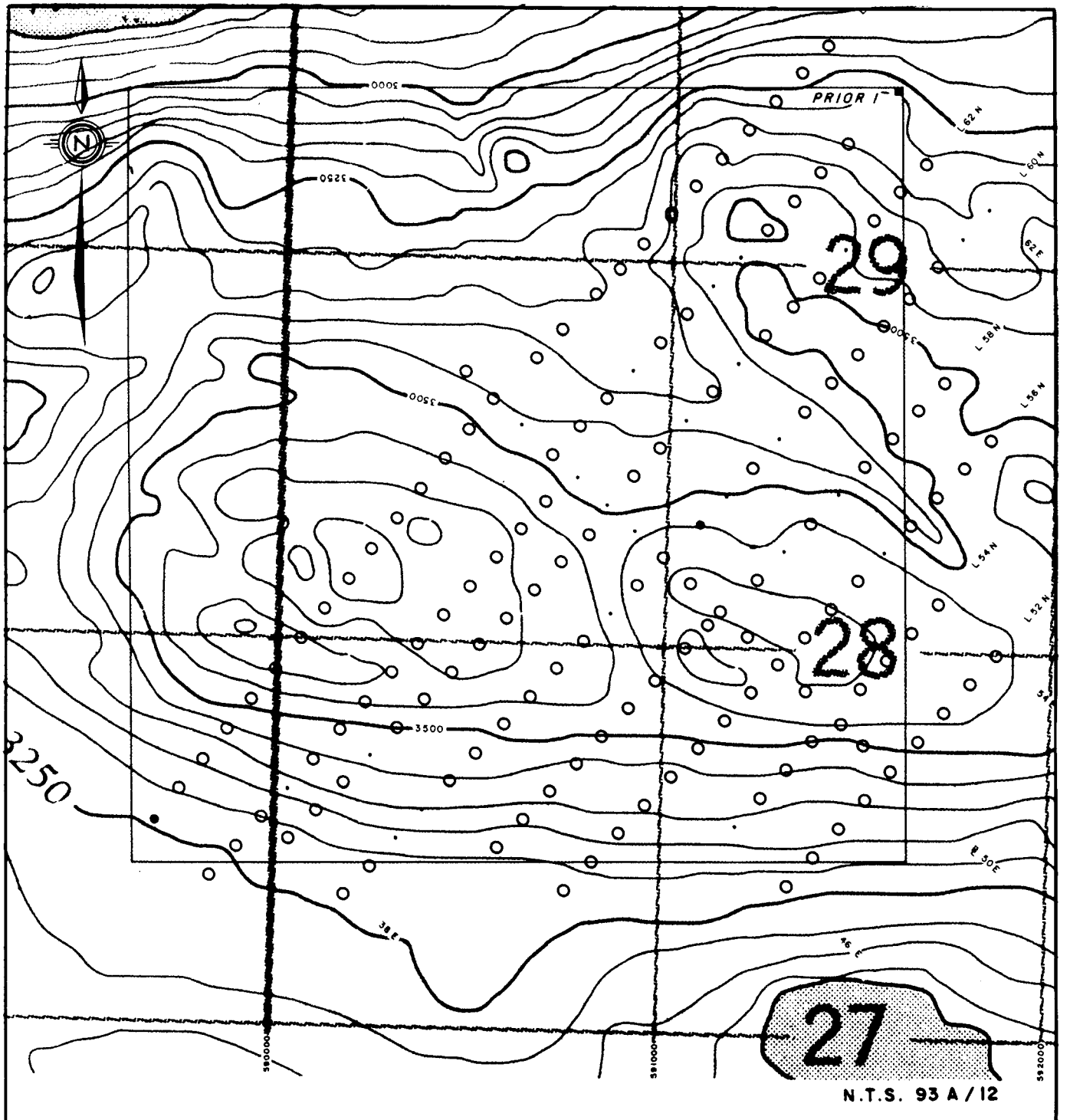
Aug., 1986.

FIGURE 5c



LEGEND

Silver (ppm)

SELECTION 1

1.2

- > 1.2
- >1 TO 1.2
- >.8 TO 1
- >.6 TO .8
- >.4 TO .6
- >.2 TO .4
- 0 TO .2

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

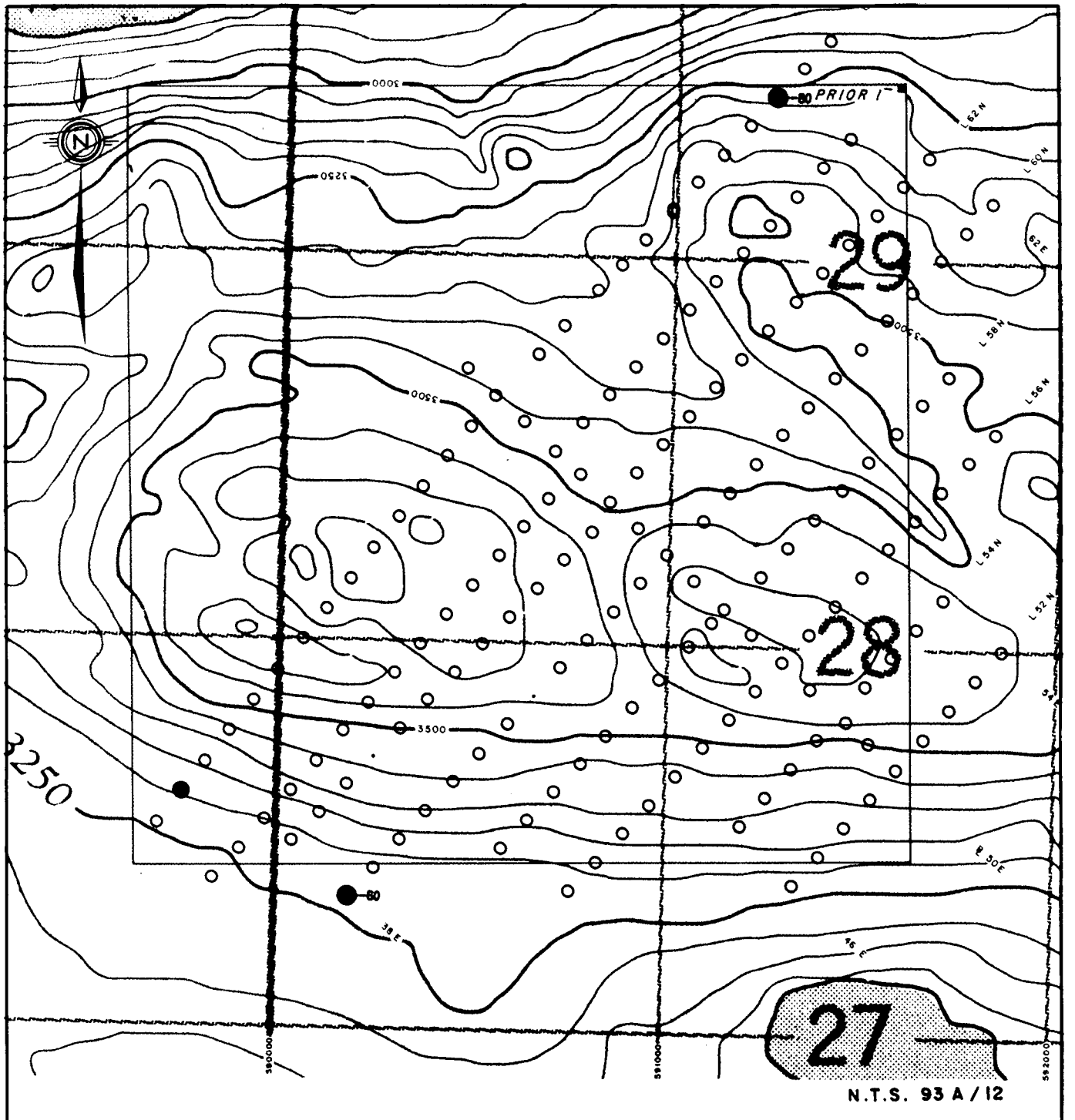
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5d



LEGEND

Gold (ppb)

SELECTION 1

- > 50
- >35 TO 50
- >25 TO 35
- >15 TO 25
- >10 TO 15
- >5 TO 10
- 0 TO 5

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PRIOR I CLAIM

GEOCHEMICAL MAP

SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

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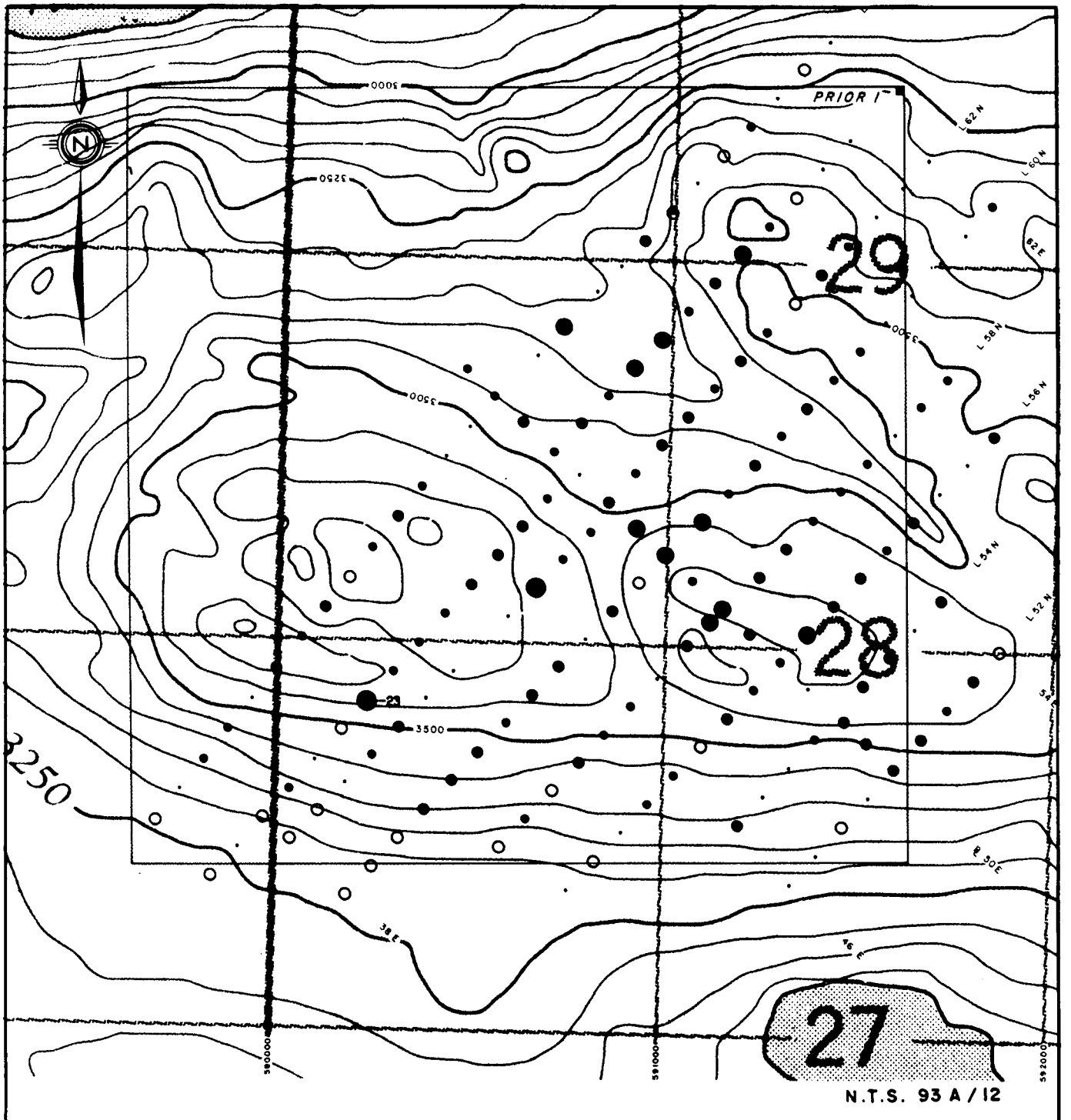
FIGURE 5e



LEGEND

Cobalt (ppm)

SELECTION 1

- > 22
- >20 TO 22
- >18 TO 20
- >16 TO 18
- >14 TO 16
- >12 TO 14
- 0 TO 12

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

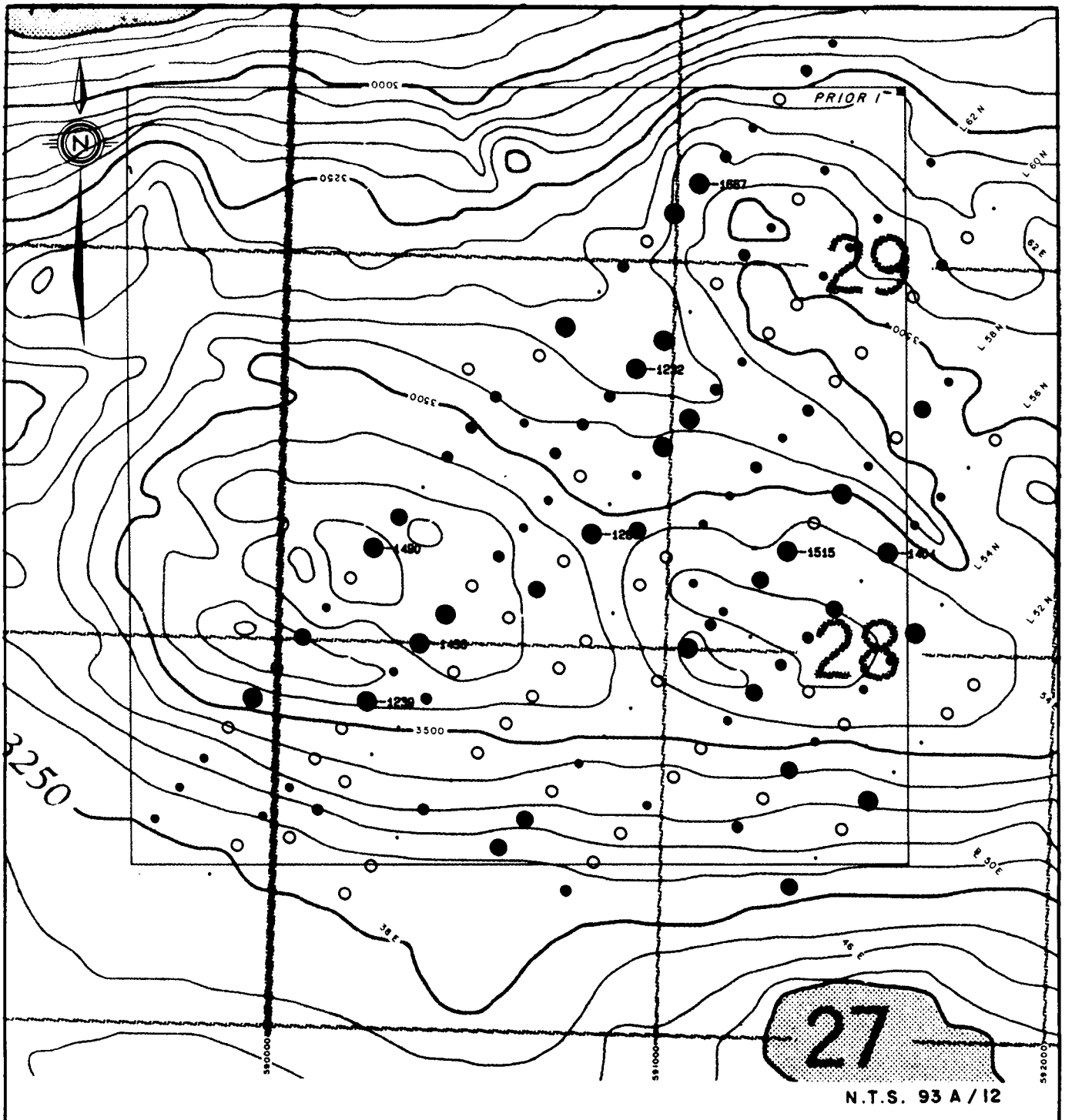
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5f



N.T.S. 93 A / 12

LEGEND

Manganese (ppm)

SELECTION 1

1200

> 1200
>950 TO 1200
>800 TO 950
>650 TO 800
>550 TO 650
>500 TO 550
0 TO 500

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

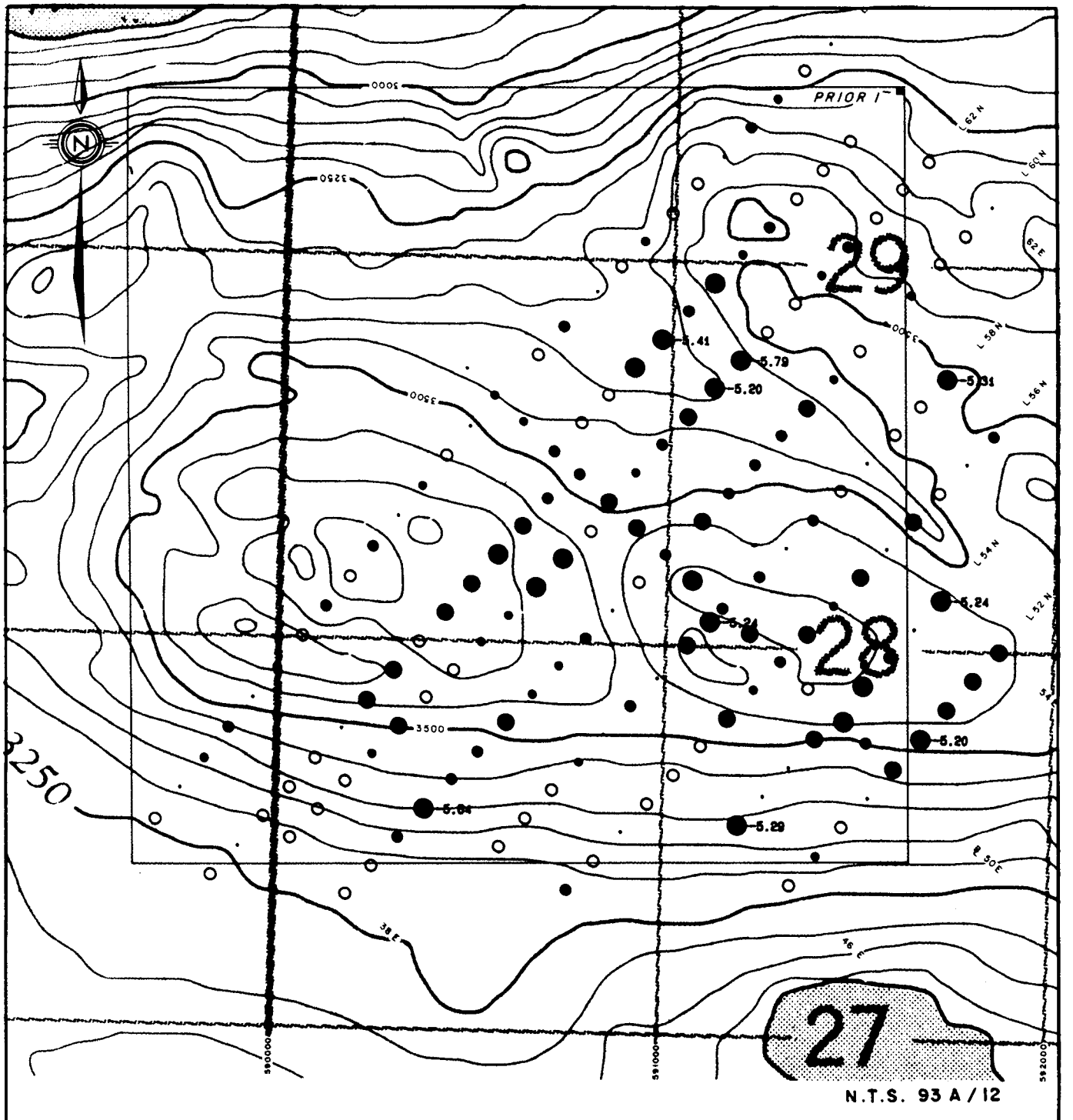
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5g



N.T.S. 93 A / 12

LEGEND

Iron (%)

SELECTION 1

- > 5.2
- >5 TO 5.2
- >4.8 TO 5
- >4.6 TO 4.8
- >4.4 TO 4.6
- >4.2 TO 4.4
- 0 TO 4.2

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

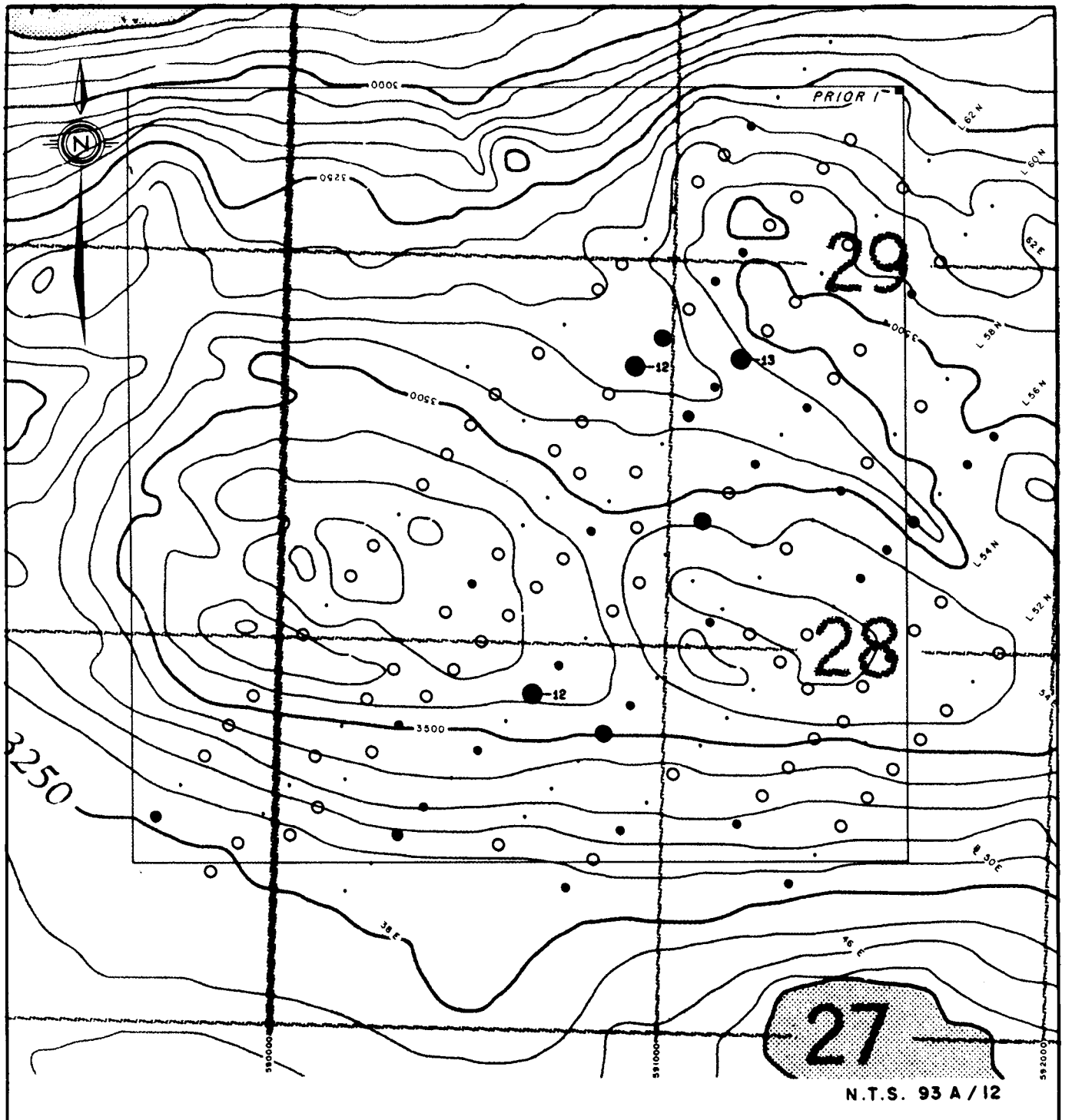
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5h



LEGEND

Arsenic (ppm)

SELECTION 1

12
- > 12
- >10 TO 12
- >8 TO 10
- >6 TO 8
- >4 TO 6
- >2 TO 4
- 0 TO 2

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

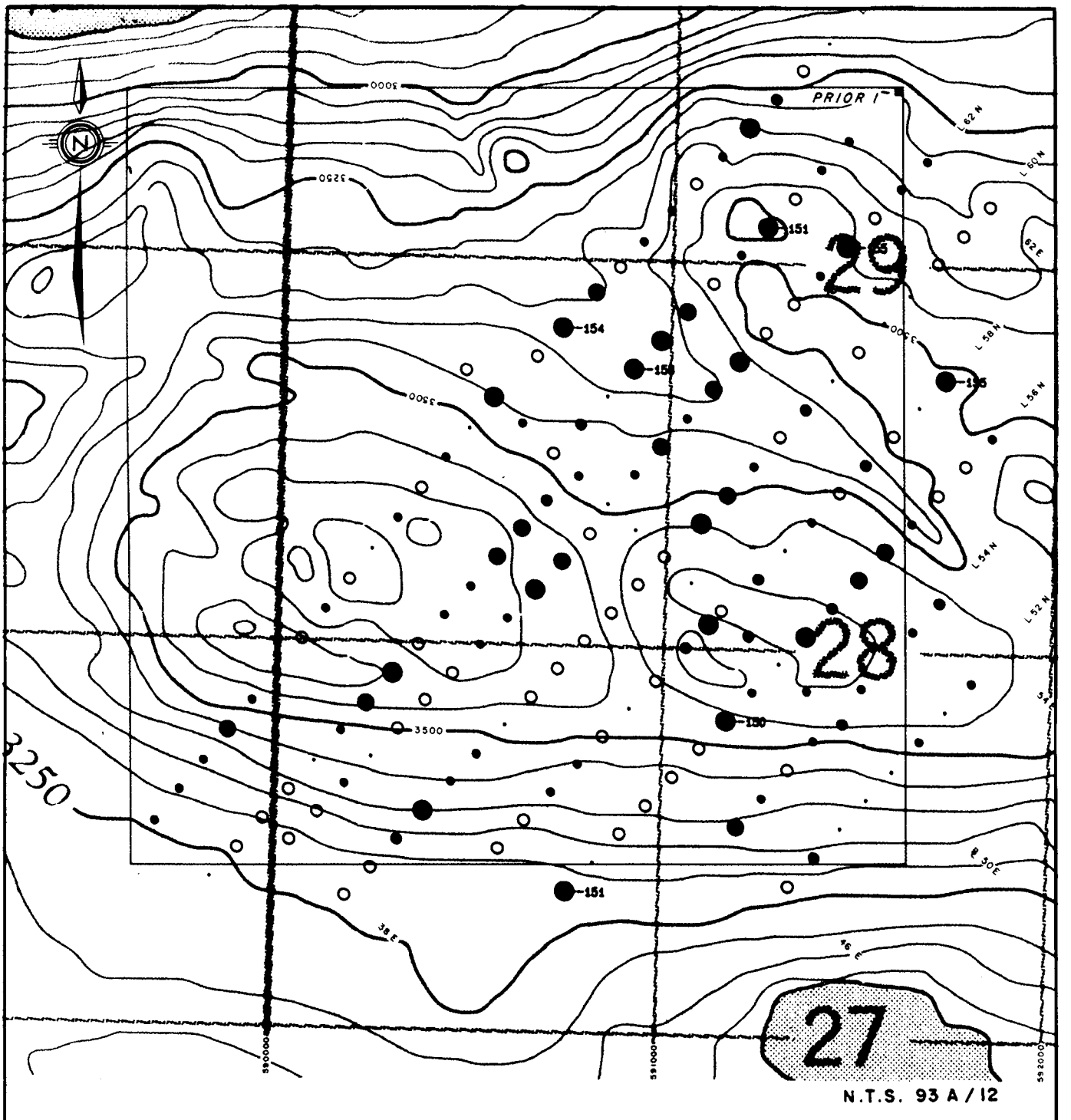
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5i



N.T.S. 93 A / 12

LEGEND

Vanadium (ppm)

SELECTION 1

150

- > 150
- >140 TO 150
- >135 TO 140
- >130 TO 135
- >120 TO 130
- >115 TO 120
- 0 TO 115

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

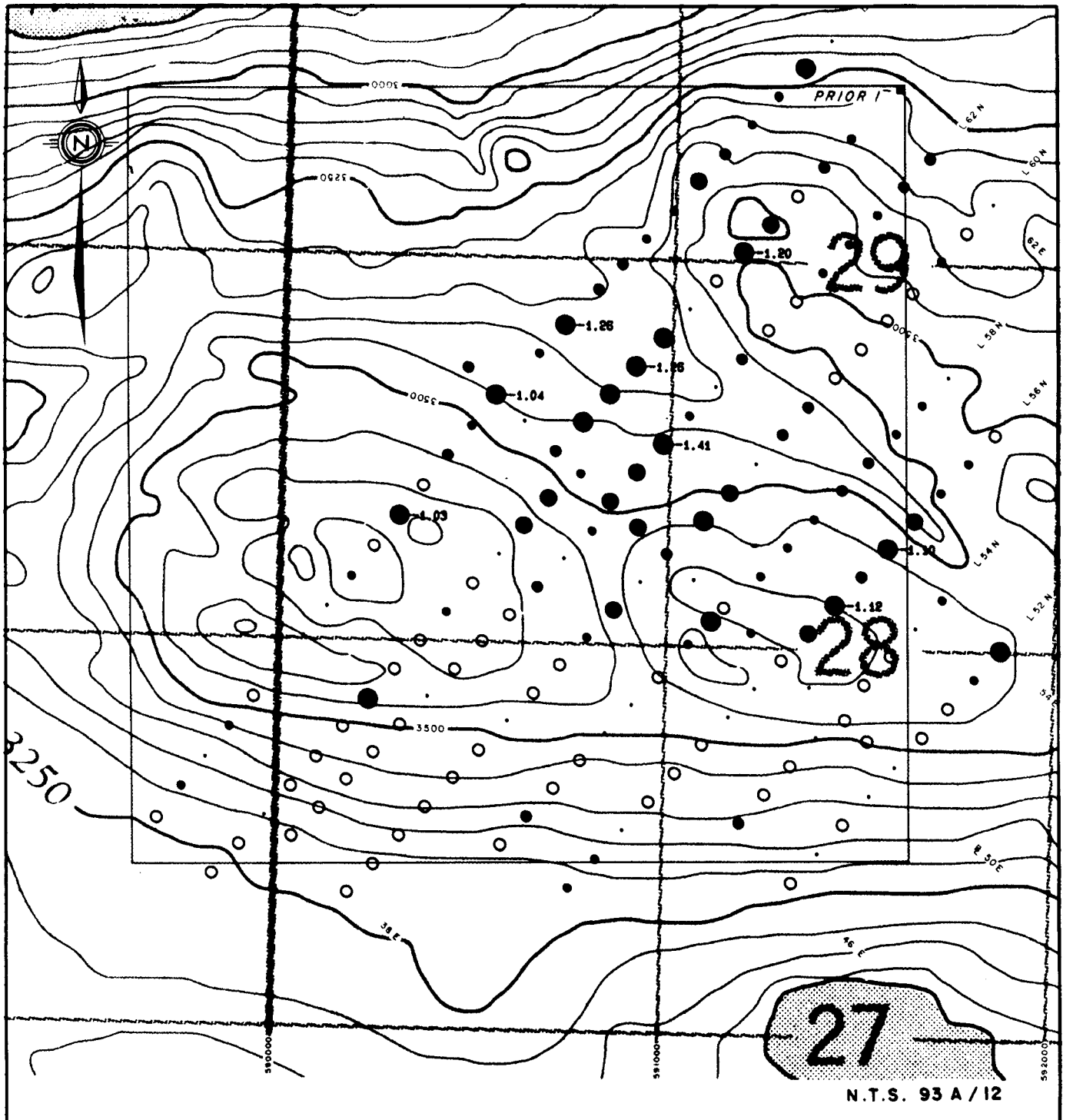
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5j



LEGEND

Calcium (%)

SELECTION 1

●	> 1
●	>.92 TO 1
●	>.85 TO .92
•	>.73 TO .85
•	>.66 TO .73
·	>.58 TO .66
	0 TO .58

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

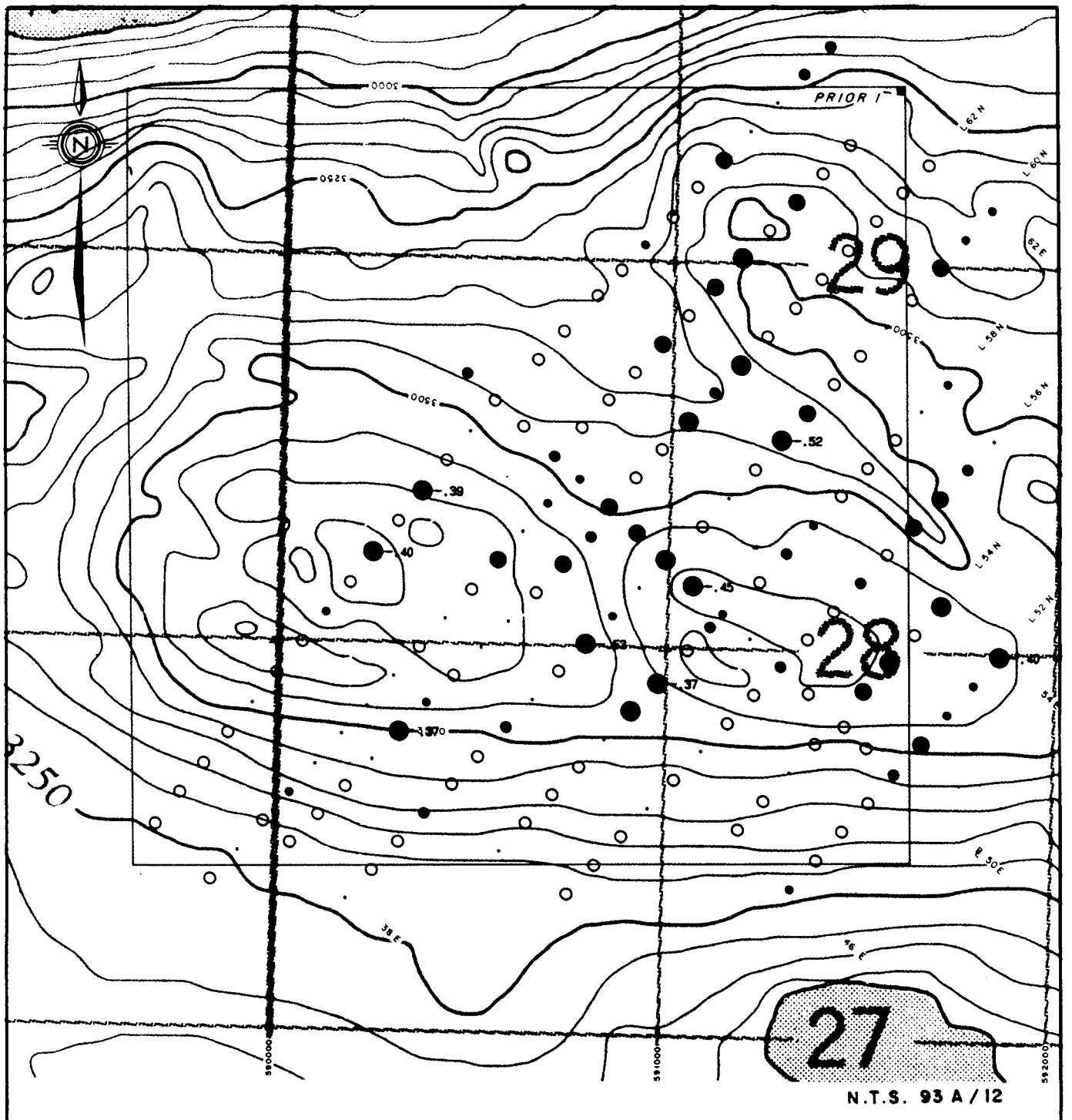
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5k



LEGEND

Phosphorus (ppm)

SELECTION 1

.36

- > .36
- >.3 TO .36
- >.24 TO .3
- >.2 TO .24
- >.17 TO .2
- >.13 TO .17
- 0 TO .13

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

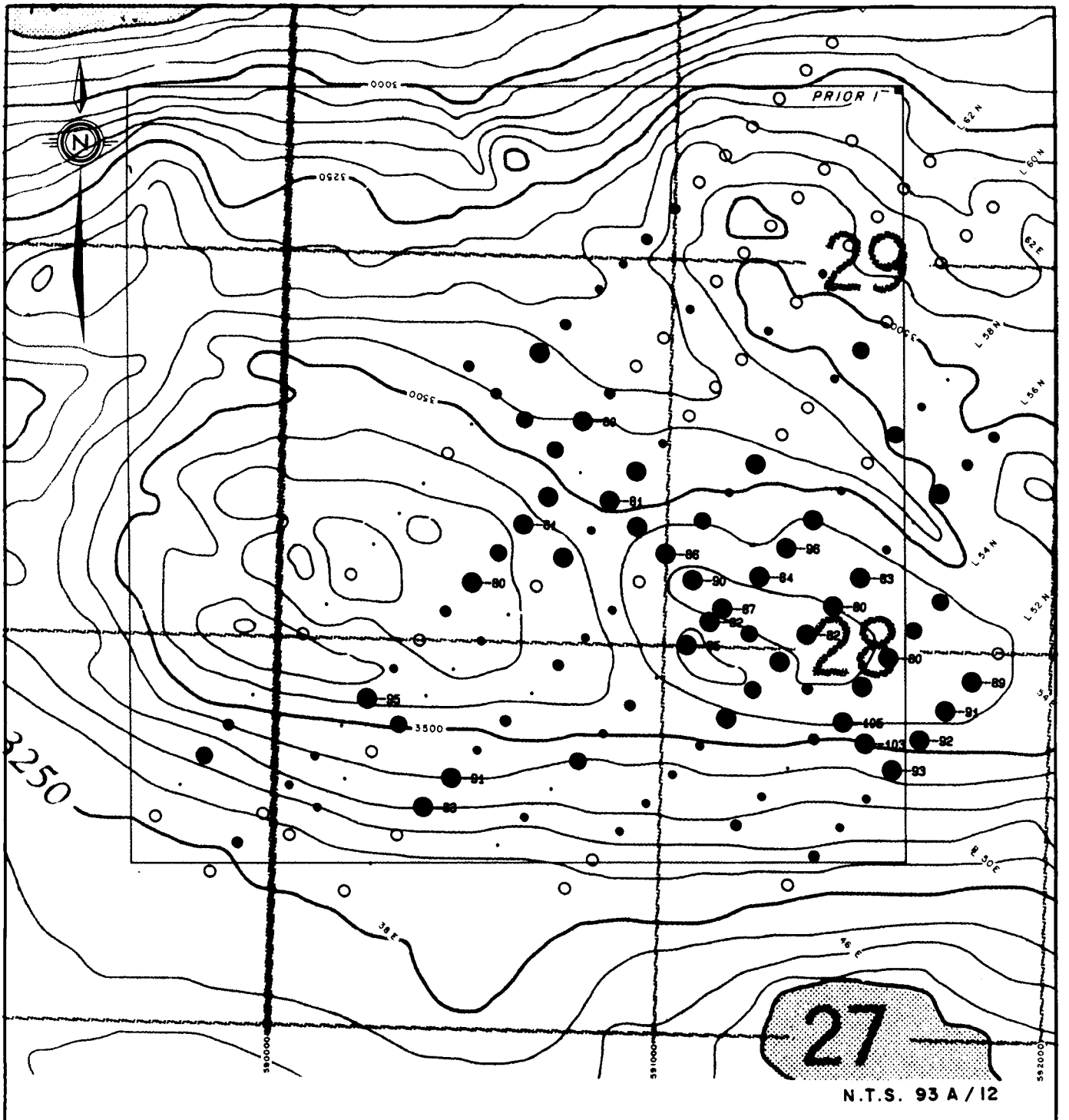
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 51



N.T.S. 93 A / 12

LEGEND

Chromium (ppm)

SELECTION 1

90

- > 90
- >80 TO 90
- >75 TO 80
- >70 TO 75
- >65 TO 70
- >55 TO 65
- 0 TO 55

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

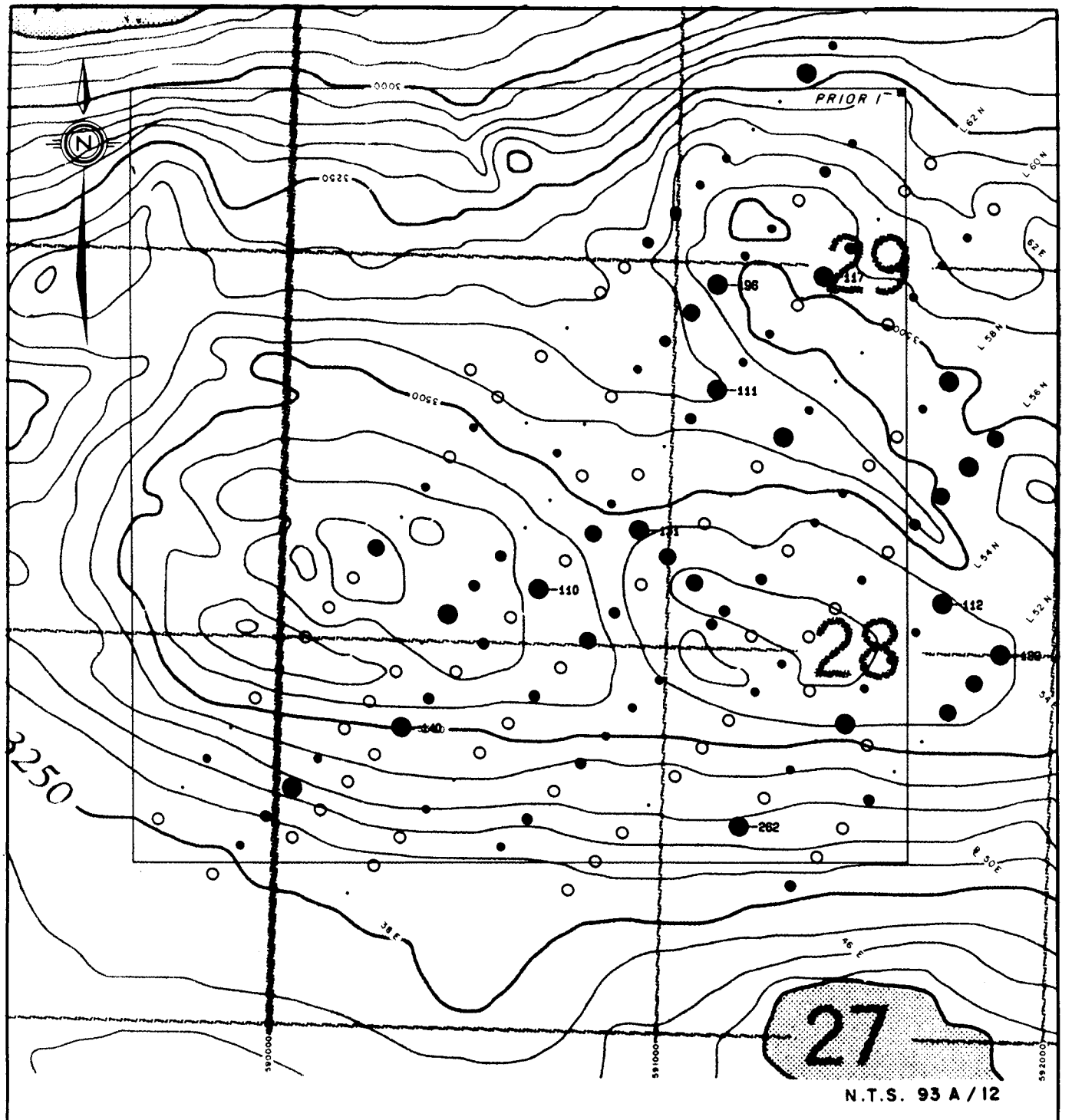
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd

Aug., 1986.

FIGURE 5m



LEGEND

Barium (ppm)

SELECTION 1

110

> 110
>100 TO 110
>90 TO 100
>80 TO 90
>70 TO 80
>65 TO 70
0 TO 65

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

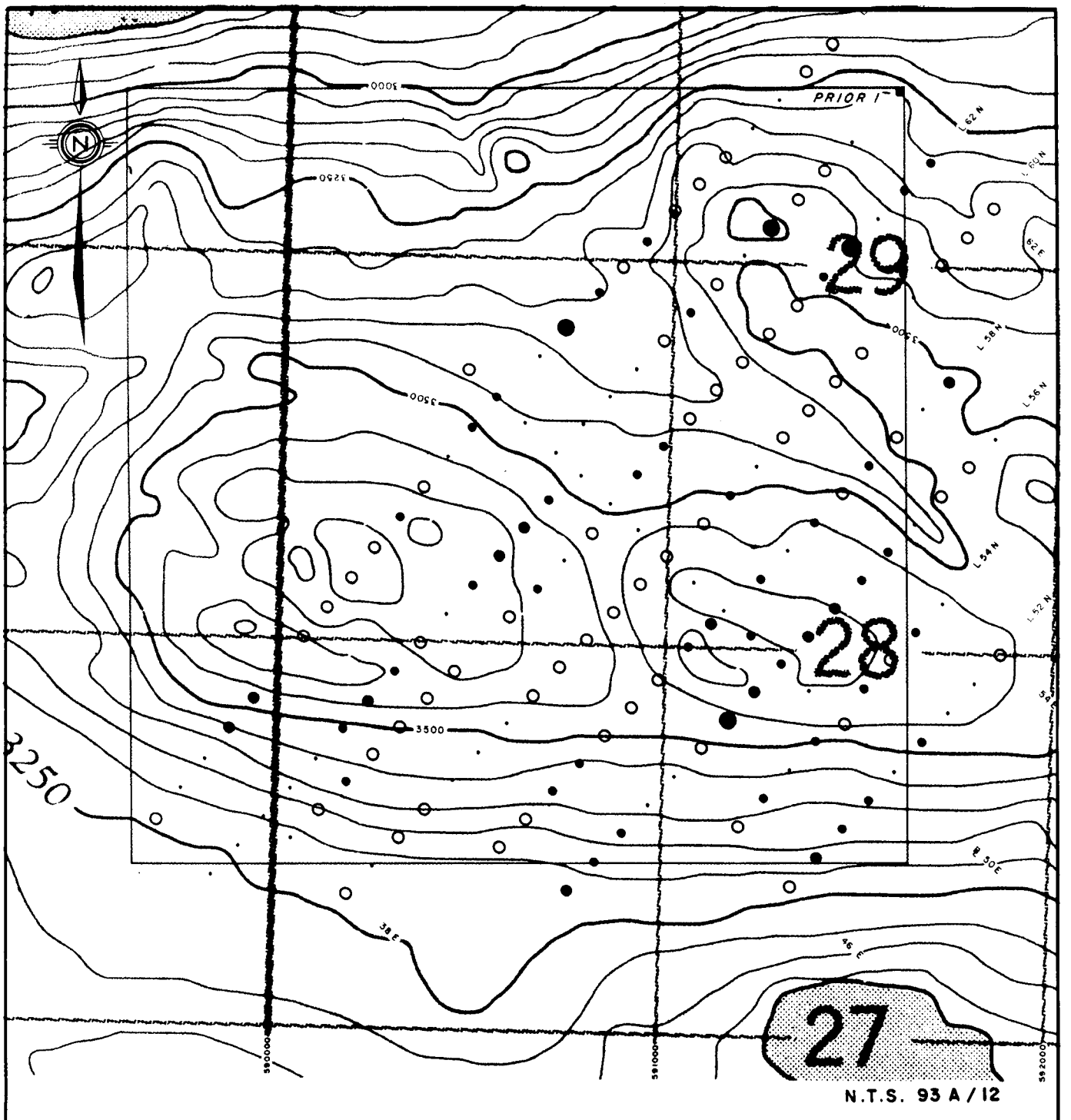
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A&M exploration ltd.

Aug., 1986.

FIGURE 5n



LEGEND

Titanium (ppm)

SELECTION 1

.26

> .26
>.24 TO .26
>.22 TO .24
>.2 TO .22
>.18 TO .2
>.16 TO .18
0 TO .16

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

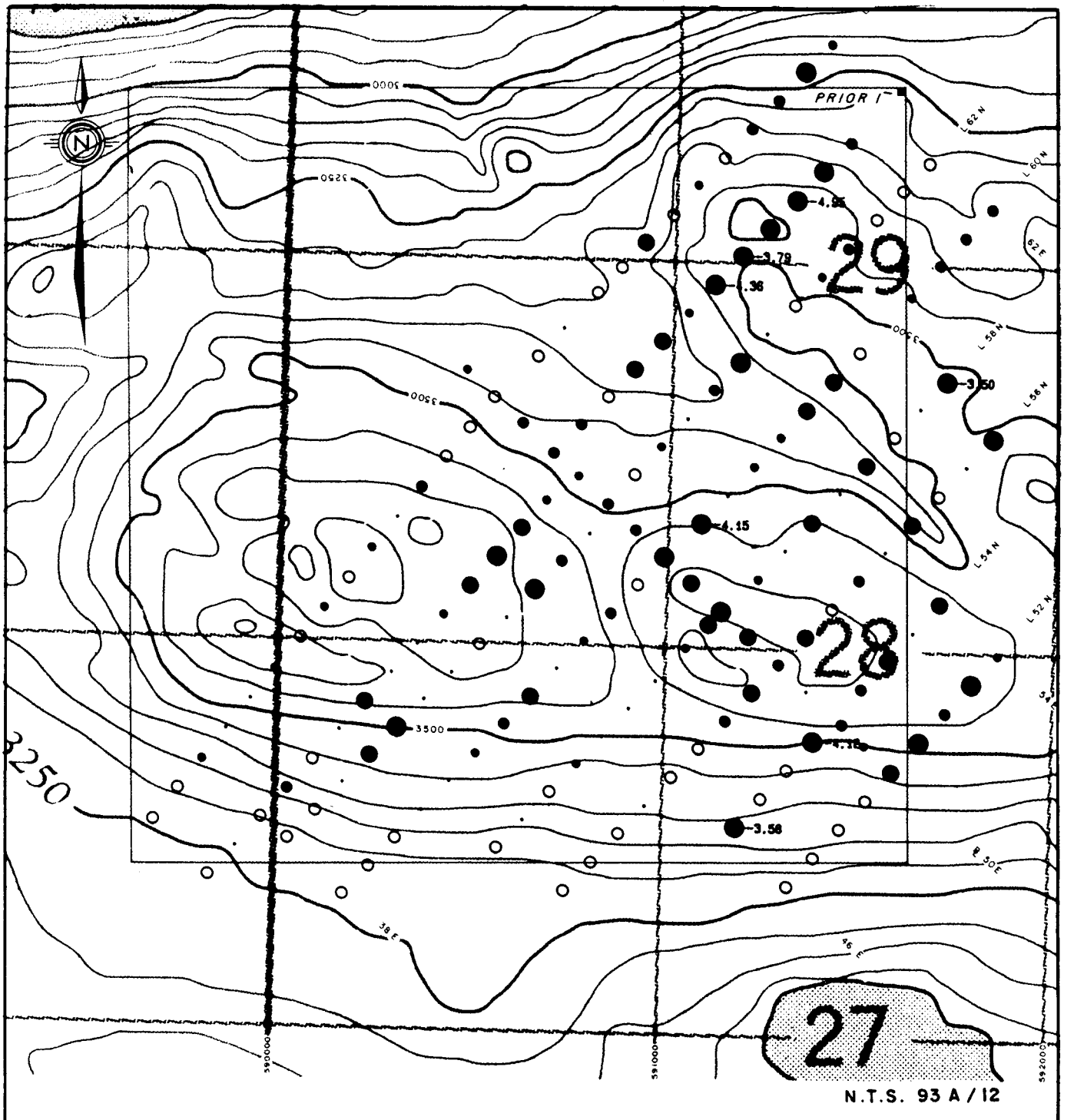
GEOCHEMICAL MAP

SCALE 450 0 450 METRES FEET
1500 0 1500
1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 50



N.T.S. 93 A / 12

LEGEND

Aluminum (%)

SELECTION 1

3.5

- > 3.5
- >3.1 TO 3.5
- >2.8 TO 3.1
- >2.6 TO 2.8
- >2.4 TO 2.6
- >2.1 TO 2.4
- 0 TO 2.1

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

GEOCHEMICAL MAP

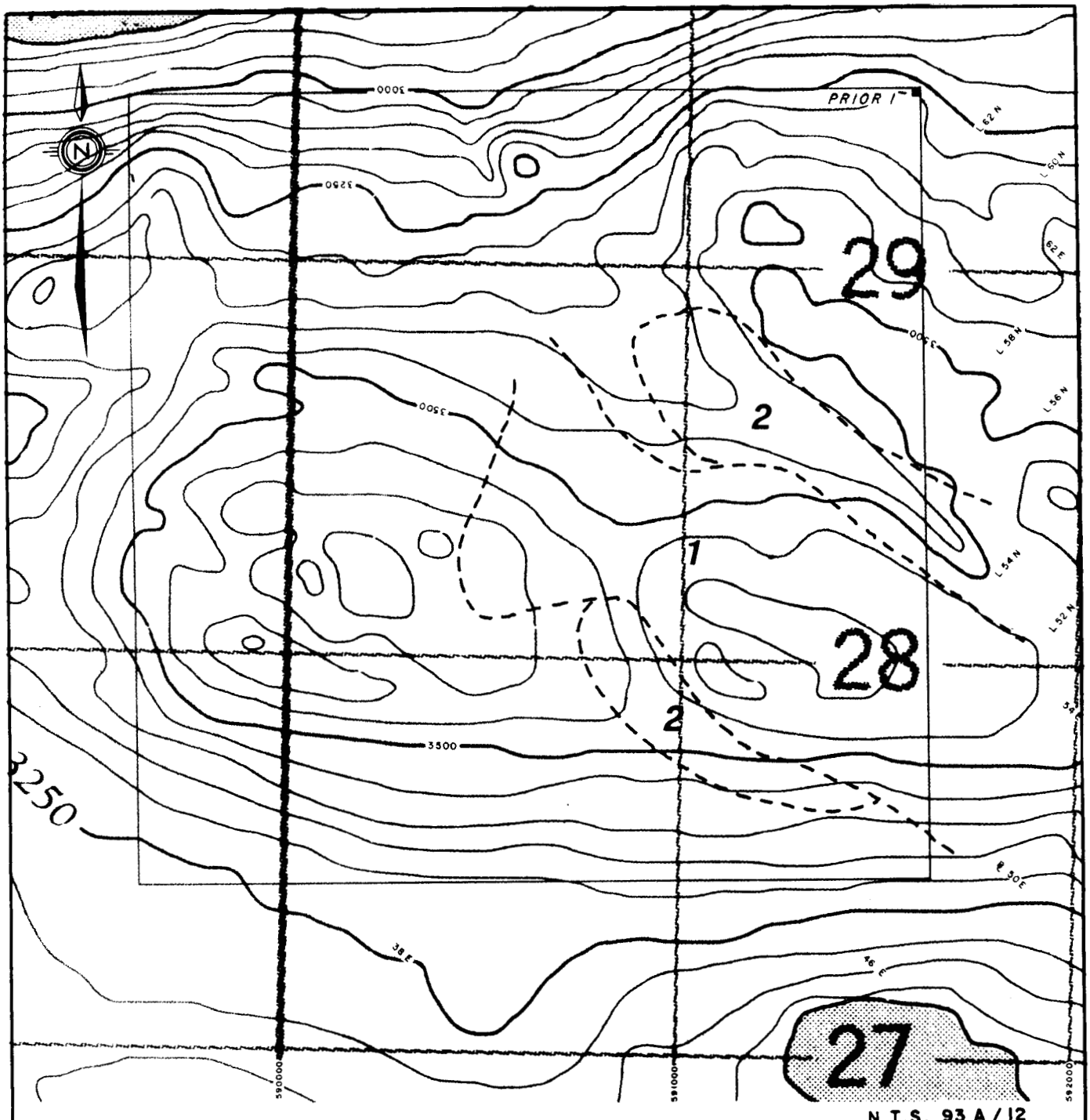
SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 5p



N.T.S. 93 A / 12

LEGEND

Geochemical anomaly

1 Anomalous Cu, Cr, Ti.

2 " Zn, As.

RIDEAU RESOURCE CORP.

PRIOR I CLAIM

COMPILATION MAP

SCALE 450 0 450 METRES
1500 0 1500 FEET

1 : 15,000

A·M exploration ltd.

Aug., 1986.

FIGURE 6

REFERENCES

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Saleken, L. W. and Simpson, R. G. (1984). Cariboo Quesnel Gold Belt: A Geological Overview. Western Miner, April, 1984, pp. 15-20.

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Simpson, R. and Saleken, L. W. (1983). Cariboo Bell Deposit in G.A.C.-M.A.C. Field Trip No. 4, Guidebook, pp. 13-21.

Troup, A. G. (1984). Report on the Victoria Creek Gold Prospect in Titan Resources Ltd. Statement of Material Facts, dated May 23, 1984.

CERTIFICATE

I, John Gravel, certify that:

1. I am a Consulting Geologist and Geochemist, of GHS Geochemical Services with offices at Suite 311, 1930 West 3rd Avenue, Vancouver, British Columbia.

2. I am a graduate of McGill University with degrees in Geology (B.Sc., 1979) and Mineral Exploration (M.Sc., 1985).

3. I have practised my profession of exploration geologist/geochemist since 1979 in British Columbia.

4. I am a member in good standing of the Association of Exploration Geochemists and a member of the Geological Association of Canada.

5. This report is based on information listed under References, and fieldwork carried out by D. Sorenson and B. Schmucker during the period July 1 and 4, 1986.

6. This report is based on information listed under References, and fieldwork carried out by J. Gravel, D. Sorenson and B. Schmucker during the period July 1 and 4, 1986.

7. I hold no interest, nor do I expect to receive any, in the PRIOR claim or in Rideau Resources Corportation.

August 18, 1986
Vancouver, B.C.

John Gravel,
B.Sc., M.Sc.

CERTIFICATE

I, Donald G. Allen, certify that:

1. I am a Consulting Geological Engineer, at A & M Exploration Ltd., with offices at Suite 614, 850 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).

3. I have been practising my profession since 1964 to the present in British Columbia, the Yukon, Alaska and various parts of the Western United States.

4. I am a member in good standing of the Association of Professional Engineers of British Columbia.

5. This report is based mainly on information listed under References and fieldwork carried out by B. Schmucker and D. Sorenson, during the period July 1 to 4, 1986.

6. I hold no interest, nor do I expect to receive any, in the PRIOR claim or in Rideau Resources Corporation.

7. I consent to the use of this report in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

Donald G. Allen

August 18, 1986
Vancouver, B.C.

Donald G. Allen,
P. Eng. (B.C.)

APPENDIX I

SAMPLING PROCEDURE, ANALYTICAL PROCEDURES,
STATISTICS AND DATA LISTINGS

SAMPLING PROCEDURES

A flagged grid was established to provide the best intersection of the structural, lithological, and glacial trend. Soil samples were collected at 100 metre x 100 or 200 metre spacing depending on proximity to known geophysical targets.

A shovel was used to sample the B horizon at a depth varying from 20 to 60 centimetres. Approximately ½ to 1 kilogram of soil is placed in a Kraft paper bag and allowed to dry at ambient temperature prior to shipment to the laboratory.

ANALYTICAL PROCEDURES

Samples were sent to Rossbacher Laboratory Ltd. in Burnaby, British Columbia, for sample preparation and gold analyses. Soil samples were oven dried at 80^{o} then desiccated and sieved to -80 mesh. Rock samples are crushed and pulverized to -100 mesh.

Ten grams of the fine mesh fractions are ashed at 520^{o} and leached by hot aqua regia. Gold is extraced from the acid solution by MIBK and the concentration is determined by atomic absorption spectrometry.

Several grams of the -80 mesh fraction were shipped to Acme Analytical Laboratories Ltd. for 30 element ICP analyses. A 0.5 gram split of the sample pulp is digested in aqua regia and aspirated into the ICP spectrometer. Results are outputted to a micro computer for hard copy printout and reproduction on a floppy disk.

STATISTICAL ANALYSIS

Sample concentrations are analysed using simple univariate statistics. Histograms are calculated and printed out using the UBC Amdal computer. Class intervals for the histograms are set to 1/4 standard deviation. This is used for both arithmetic and logarithmic histograms. Concentration intervals, represented by varying dot sizes used in the element plots, are based on a combination of percentiles (i.e., 35th, 50th, 65th, 80th, 90th, 95th percentile) and estimated divisions between families in multimodal populations.

DATA LISTINGS

A printout of field site observations, UTM coordinates and analytical results is given at the end of Appendix II.

Field site parameters lie in column 1-80, UTM coordinates are in columns 19-31 and analytical results are in columns 81 to 256. A coding guide to field site parameters precedes the data listing.

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: 332
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86206
INVOICE#: 6464
DATE ENTERED: 86-07-11
FILE NAME: A&M86206
PAGE # : 1

PREFIX	SAMPLE NAME	-40 MESH	PPB Au
S	50 332 602350		5
S	602351		5
S	602352		5
S	602353		5
S	602354		5
S	602355		5
S	602356		5
S	602357		5
S	602358		5
S	602359		5
S	602360		5
S	602361		5
S	602362		5
S	602363		5
S	602364		5
	602365		5
S	602366		5
S	602367		5
S	602368		5
S	602369		5
S	602370		5
S	602371		5
S	602372		5
S	602373		5
S	602374		5
S	602375		5
S	602376		5
S	602377		5
S	602378		5
S	602379		5
S	602380		5
S	602381		5
S	602382		5
S	602383		5
S	602384		5
S	602385		5
S	602386		5
S	602387		5
S	602388		5
S	602389		5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE#: 86206
INVOICE#: 6464
DATE ENTERED: 86-07-11
FILE NAME: A&M86206
PAGE # : 2

PRE FIX	SAMPLE NAME	-40 MESH	PPB Au
S	50 332 602390		5
S	602391		5
S	602392		5
S	602393		5
S	602394		5
S	602395		5
S	602396		5
S	602397		5
S	602398		5
S	602399		5
S	602400		5
S	602401		5
S	602402		5
S	602403		5
	602404		5
	602405		5
S	602406		5
S	602407		5
S	602408		5
S	602409		10
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S	602412		5
S	602413		5
S	602414		5
S	602415		5
S	602416		60
S	602417		5
S	602418		5
S	602419		5
S	602420		10
S	602421		5
S	602422		5
S	602423		5
S	602424		5
S	602425		5
S	602426		5
S	602427		5
S	602428		5
S	602429		5

CERTIFIED BY : J. Rossbach

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CERTIFICATE#: 86206
INVOICE#: 6464
DATE ENTERED: 86-07-11
FILE NAME: A&M86206
PAGE # : 3

PRE FIX	SAMPLE NAME	-40 MESH	PPB Au
S	50 332 602430		5
S	602431		5
S	602432		5
S	602433		5
S	50 332 609001		5
S	609002		5
S	609003		5
S	609004		5
S	609005		5
S	609006		5
S	609007		5
S	609008		5
S	609009		5
S	609010		5
S	609011		5
	609012		5
S	609013		5
S	609014		5
S	609015		80
S	609016		5
S	609017		5
S	609018		5
S	609019		5
S	609020		5
S	609021		5
S	609022	*	5
S	609023		5
S	609024		5
S	609025		5
S	609026		5
S	609027		5
S	609028	*	5
S	609029		30
S	609030		5
S	609031		5
S	609032		5
S	609033		5
S	609034		5
S	609035		5
S	609036		5

CERTIFIED BY : F. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

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614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: 332
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86206
INVOICE#: 6464
DATE ENTERED: 86-07-11
FILE NAME: A&M86206
PAGE # : 4

PRE FIX	SAMPLE NAME	-40 MESH	PPB Au
S	50 332 609037	*	5
S	609038		5
S	609039		5
S	609040	*	5
S	609041		5
S	609042		5
S	609043		5
S	609044	*	5
S	609045		5
S	609046	*	5
S	609047		5
S	609048	*	5
S	609049		5
S	609050		5
	609051		5
	609052		5
S	609053		5
S	609054		5
S	609055		5
S	609056		5
S	609057		5
S	609058		5
S	609059		5
S	609060		5
S	609061		5
S	609062		5
S	609063		5
S	609064		5
S	609065		5
S	609066		5
S	609067		5
S	609068		5
S	609069		5
S	609070		5
S	609071		5
S	609072		5
S	609073		5
S	609074		5
S	609075		5
S	609076		5

CERTIFIED BY : F. Rossbach

ROSSBACHER LABORATORY LTD.

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TEL : (604) 299 - 6910

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PROJECT: 332
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86206
INVOICE#: 6464
DATE ENTERED: 86-07-11
FILE NAME: A&M86206
PAGE # : 5

PRE FIX	SAMPLE NAME	-40 MESH	PPB Au
S	50 332 609077	*	5
S	609078		5
S	609079		5
S	609080		5
S	50 332 609081		5

CERTIFIED BY : J. Rossbacher

Prior claim

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP

DATE RECEIVED: JULY 11 1986 DATE REPORT MAILED: July 14/86 ASSAYER..D. Toye..DEAN TOYE. CERTIFIED B.C. ASSAYER.

A & M EXPLORATION PROJECT - 332 FILE # 86-1421 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
50332602-350	1	46	4	100	.2	22	15	487	4.39	4	5	ND	1	60	1	2	2	113	.85	.243	2	66	.87	62	.16	8	2.52	.02	.07	3
50332602-351	1	58	12	62	.1	15	15	753	4.51	2	5	ND	2	98	1	2	2	142	1.04	.072	3	68	.90	60	.19	10	2.06	.03	.05	2
50332602-352	1	73	6	102	.3	22	17	575	4.45	3	5	ND	1	59	1	2	2	121	.61	.067	4	72	.84	68	.17	11	2.68	.02	.07	3
50332602-353	1	52	11	83	.4	17	13	487	4.68	2	5	ND	1	71	1	2	4	129	.70	.199	2	60	.79	51	.18	10	2.41	.02	.07	3
50332602-354	1	65	5	84	.3	30	18	532	4.86	4	5	ND	1	88	1	2	2	117	.90	.286	3	81	1.02	75	.17	12	2.80	.02	.09	2
50332602-355	1	82	14	129	.3	25	20	949	4.98	2	5	ND	1	82	1	3	2	120	.87	.254	4	78	1.06	131	.17	6	2.78	.02	.11	2
50332602-356	1	84	14	67	.2	26	19	479	4.66	4	5	ND	1	109	1	2	2	111	.81	.313	4	86	1.01	91	.15	11	3.14	.02	.09	2
50332602-357	1	57	13	165	.1	27	16	551	5.02	3	5	ND	2	57	1	2	2	120	.60	.446	4	90	.94	96	.17	12	2.83	.02	.10	3
50332602-358	1	92	12	86	.1	30	19	581	4.69	3	5	ND	1	70	1	2	2	115	.57	.193	4	87	1.11	85	.17	7	3.16	.02	.09	3
50332602-359	1	71	5	74	.1	20	17	503	4.89	2	5	ND	1	68	1	2	3	135	.68	.142	4	74	1.02	55	.20	8	2.81	.02	.08	2
50332602-360	1	50	13	106	.1	22	16	725	4.77	2	5	ND	1	49	1	2	2	117	.54	.227	5	76	.87	76	.19	12	2.76	.02	.08	3
50332602-361	1	70	7	51	.1	19	14	459	3.95	2	5	ND	1	64	1	2	2	130	.64	.031	8	68	.89	46	.18	8	2.20	.03	.04	1
50332602-362	1	57	12	67	.1	30	18	385	5.01	2	5	ND	1	58	1	2	2	131	.53	.074	5	105	.92	109	.16	10	2.76	.02	.05	1
50332602-363	1	73	7	76	.1	28	17	512	4.69	3	5	ND	2	52	1	2	2	120	.55	.115	8	103	1.05	63	.18	8	2.47	.02	.08	1
50332602-364	1	81	8	71	.1	28	18	520	4.83	2	5	ND	2	51	1	2	2	120	.60	.228	6	93	1.15	67	.17	7	2.90	.03	.10	1
50332602-365	1	37	13	84	.1	11	13	967	4.31	2	5	ND	1	51	1	2	2	119	.60	.132	6	61	.59	81	.20	8	1.97	.01	.10	1
50332602-366	1	28	10	61	.1	9	10	436	4.06	2	5	ND	1	36	1	2	2	118	.51	.054	6	63	.51	34	.20	11	1.34	.02	.06	1
50332602-367	1	47	8	73	.1	15	13	507	4.54	4	5	ND	1	49	1	2	2	133	.64	.090	8	66	.74	49	.22	11	1.69	.02	.08	1
50332602-368	1	32	6	92	.1	12	13	844	3.68	5	5	ND	1	38	1	2	2	94	.55	.194	5	49	.59	89	.15	7	1.96	.02	.10	1
50332602-369	1	72	8	101	.3	28	18	789	5.29	5	5	ND	2	58	1	2	2	137	.79	.057	7	67	1.02	262	.16	10	3.58	.02	.09	2
50332602-370	1	62	10	58	.1	13	14	446	4.31	2	5	ND	2	56	1	2	2	127	.57	.081	9	63	.74	57	.19	4	2.10	.02	.09	1
50332602-371	1	40	7	99	.1	15	13	894	4.34	2	5	ND	1	47	1	2	2	110	.55	.161	8	60	.61	76	.17	8	1.96	.01	.08	1
50332602-372	1	87	8	93	.1	19	15	564	4.85	2	5	ND	1	210	1	2	2	128	.63	.131	7	68	.95	69	.20	5	4.12	.03	.11	1
50332602-373	1	67	11	104	.1	19	18	635	5.19	2	5	ND	1	68	1	2	2	130	.58	.246	8	76	.88	79	.20	8	2.73	.01	.08	1
50332602-374	1	71	14	98	.1	33	17	561	4.77	6	5	ND	1	46	1	2	2	117	.51	.323	8	80	1.03	76	.15	9	2.97	.02	.09	1
50332602-375	1	52	12	95	.1	20	14	962	4.34	2	5	ND	1	71	1	2	3	122	.63	.077	10	75	.90	73	.19	9	2.12	.02	.07	1
50332602-376	1	57	2	77	.1	25	18	534	5.24	2	5	ND	1	77	1	2	2	134	.72	.317	10	71	.93	112	.18	5	3.08	.02	.09	1
50332602-377	1	43	13	123	.1	7	11	512	4.81	2	5	ND	1	83	1	2	2	119	.96	.395	7	40	.67	122	.16	9	2.56	.02	.09	1
50332602-378	1	81	14	79	.1	36	18	469	4.97	3	5	ND	1	62	1	2	2	123	.68	.192	9	89	1.18	99	.17	7	3.26	.02	.12	1
50332602-379	1	68	10	74	.1	24	16	402	4.83	2	5	ND	1	48	1	2	2	117	.47	.192	10	91	.95	98	.18	9	2.73	.01	.08	1
50332602-380	1	63	7	100	.1	30	17	523	5.20	2	5	ND	1	54	1	2	2	126	.50	.270	9	92	1.11	69	.19	7	3.11	.02	.08	1
50332602-381	1	60	7	65	.1	14	15	602	4.47	2	5	ND	1	73	1	2	2	130	.88	.075	11	78	1.03	43	.19	10	1.79	.03	.06	1
50332602-382	1	76	7	62	.1	15	18	975	4.64	4	5	ND	2	132	1	2	2	140	1.41	.096	10	62	1.34	68	.20	12	2.41	.06	.09	1
50332602-383	1	50	11	189	.4	9	17	1119	4.85	7	5	ND	1	111	1	2	2	124	.71	.341	8	40	.81	83	.14	3	2.38	.02	.09	1
50332602-384	1	38	8	214	.1	10	15	778	5.20	6	5	ND	1	125	1	2	2	140	.64	.233	5	44	.91	111	.15	8	2.78	.02	.06	1
50332602-385	1	49	13	96	.3	10	17	608	5.79	13	5	ND	1	99	1	3	2	143	.75	.326	6	47	.76	75	.16	9	3.12	.02	.06	1
STD C	20	61	43	131	7.1	64	29	1112	3.95	35	19	7	33	47	16	15	19	64	.47	.104	36	61	.88	180	.08	37	1.71	.07	.13	13

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
50332602-386	1	36	2	83	.2	29	16	365	4.09	2	5	ND	2	53	1	2	2	96	.47	.129	10	65	.78	78	.14	5	2.28	.01	.09	2
50332602-387	1	25	4	62	.1	22	12	299	3.18	2	5	ND	3	53	1	2	2	76	.37	.045	12	47	.77	54	.11	4	1.80	.01	.05	1
50332602-388	1	56	2	69	.1	29	17	573	4.42	3	5	ND	2	159	1	2	3	123	.69	.082	8	65	1.10	117	.19	4	2.60	.02	.09	1
50332602-389	1	44	2	78	.3	18	16	577	4.70	2	5	ND	1	159	1	2	2	155	.69	.068	7	45	.91	89	.23	5	2.71	.02	.05	1
50332602-390	1	37	7	64	.1	21	14	573	3.61	3	5	ND	1	119	1	2	2	112	.67	.068	9	53	.84	70	.17	6	2.01	.03	.06	1
50332602-391	1	40	7	64	.2	20	13	518	3.79	2	5	ND	1	151	1	2	2	125	.82	.037	9	45	.75	48	.20	3	2.05	.03	.04	1
50332602-392	1	37	2	66	.1	17	13	610	3.81	3	5	ND	1	111	1	2	2	123	.81	.035	10	48	.77	61	.20	9	1.75	.04	.06	1
50332602-393	1	39	7	127	.3	27	16	525	4.24	4	5	ND	1	74	1	2	2	111	.63	.193	7	55	.76	64	.15	2	2.74	.02	.10	1
50332602-394	1	34	6	102	.3	25	13	488	4.09	4	5	ND	1	71	1	2	2	110	.58	.181	6	46	.65	73	.15	8	2.77	.01	.07	1
50332602-395	1	34	8	104	.1	20	13	666	4.14	2	5	ND	1	100	1	2	2	105	.69	.254	5	50	.77	73	.15	2	2.73	.01	.10	1
50332602-396	1	29	4	84	.2	21	14	426	4.43	5	5	ND	1	64	1	2	2	117	.42	.114	6	60	.64	79	.18	4	2.50	.02	.05	1
50332602-397	1	20	8	92	.2	16	13	531	4.33	3	5	ND	1	64	1	2	2	120	.53	.151	4	48	.59	63	.17	4	2.15	.01	.07	1
50332602-398	1	44	6	60	.1	26	15	425	4.03	2	5	ND	2	95	1	2	5	112	.53	.076	7	74	.90	67	.16	6	1.92	.02	.07	1
50332602-399	1	39	2	102	.2	30	16	486	4.48	2	5	ND	1	59	1	2	2	117	.58	.134	5	62	.91	69	.16	6	2.91	.02	.10	1
50332602-400	1	56	6	108	.1	16	18	755	4.99	5	5	ND	1	137	1	2	2	133	.76	.256	2	47	1.10	76	.13	3	3.00	.02	.05	1
50332602-401	1	29	5	152	.4	12	16	566	4.80	3	5	ND	1	93	1	2	2	106	.76	.522	3	48	.79	107	.14	5	2.55	.02	.09	1
50332602-402	1	63	4	67	.1	22	17	703	4.61	5	5	ND	1	87	1	2	2	130	.61	.088	5	77	1.04	65	.18	5	2.53	.02	.09	1
50332602-403	1	47	5	96	.3	18	15	551	4.69	2	5	ND	1	83	1	2	2	136	.88	.171	3	61	.85	66	.20	4	2.11	.02	.08	1
50332602-404	1	146	13	84	.6	31	19	552	4.99	10	5	ND	1	89	1	2	2	141	.99	.122	10	73	1.04	55	.15	5	4.15	.03	.08	1
50332602-405	1	32	2	87	.2	17	12	483	3.90	2	5	ND	1	55	1	2	2	101	.62	.166	4	54	.55	62	.13	2	1.85	.02	.06	1
50332602-406	1	61	2	105	.3	25	17	536	4.37	2	5	ND	1	62	1	2	2	108	.86	.180	6	64	.88	85	.16	5	2.77	.02	.09	1
50332602-407	1	27	9	130	.1	17	14	392	4.79	4	5	ND	2	56	1	2	2	96	.67	.532	4	61	.62	98	.14	7	2.59	.01	.10	2
50332602-408	1	73	2	68	.1	25	17	465	4.51	5	5	ND	2	40	1	2	3	114	.48	.095	8	68	.94	61	.16	4	2.36	.02	.10	1
50332602-409	1	56	5	109	.2	35	17	401	4.44	12	5	ND	2	39	1	2	3	97	.43	.156	7	57	.89	89	.13	7	2.94	.01	.12	3
50332602-410	1	49	2	93	.1	23	16	404	4.83	4	5	ND	1	46	1	2	2	120	.60	.219	5	67	.89	49	.17	2	2.70	.02	.10	1
50332602-411	1	67	4	75	.2	21	17	492	4.78	5	5	ND	2	44	1	2	4	128	.50	.126	8	65	.97	57	.18	6	2.59	.03	.11	1
50332602-412	1	46	10	79	.1	36	17	519	4.72	3	5	ND	2	43	1	2	3	129	.57	.120	7	91	1.08	66	.18	5	2.28	.02	.08	1
50332602-413	1	86	14	158	.4	18	17	683	5.64	6	5	ND	1	33	1	2	2	143	.38	.206	4	83	.86	71	.10	4	2.17	.02	.06	1
50332602-414	1	41	8	90	.3	15	12	502	4.79	8	5	ND	1	32	1	3	2	133	.48	.111	6	49	.61	40	.13	4	1.58	.01	.09	1
50332602-415	1	25	3	64	.1	15	12	459	3.95	4	5	ND	1	38	1	2	2	112	.49	.056	6	57	.64	37	.18	3	1.59	.01	.10	1
50332602-416	1	26	6	72	.1	12	11	495	3.93	3	5	ND	1	40	1	2	3	105	.43	.159	7	49	.48	67	.14	7	1.72	.01	.06	1
50332602-417	1	19	2	159	.1	8	9	492	3.37	2	5	ND	1	41	1	2	2	103	.51	.048	6	43	.49	62	.17	7	1.46	.02	.06	1
50332602-418	1	31	9	97	.1	16	12	678	3.79	2	5	ND	1	42	1	2	2	102	.47	.101	6	61	.66	55	.16	3	1.62	.01	.07	1
50332602-419	1	35	6	90	.1	28	13	449	4.20	3	5	ND	1	45	1	2	2	126	.53	.089	6	59	.86	34	.20	3	2.12	.02	.06	1
50332602-420	1	33	5	97	.3	21	15	532	4.45	2	5	ND	1	32	1	2	2	117	.48	.157	5	52	.99	62	.16	2	2.83	.02	.10	1
50332602-421	1	58	8	122	.1	38	18	550	4.85	5	5	ND	2	44	1	2	2	110	.48	.370	6	71	1.12	140	.16	6	3.43	.02	.11	1
STD C	21	56	35	132	7.2	68	30	1100	3.94	37	16	7	33	48	17	16	21	64	.47	.105	36	62	.87	179	.08	41	1.72	.07	.14	14

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
50332602-422	1	47	12	89	.1	22	14	762	4.19	2	5	ND	1	56	1	2	2	105	.63	.186	7	56	.73	90	.14	4	2.25	.02	.07	1
50332602-423	1	52	12	68	.2	25	14	450	4.16	2	5	ND	2	47	1	2	2	109	.46	.089	8	59	.76	65	.15	2	2.17	.01	.08	1
50332602-424	1	51	15	75	.1	22	14	522	4.48	2	5	ND	1	46	1	2	2	127	.53	.148	7	63	.78	82	.17	2	2.06	.02	.08	1
50332602-425	1	49	14	74	.1	22	13	424	4.58	2	5	ND	2	43	1	2	2	123	.55	.163	8	60	.80	42	.16	5	2.34	.01	.08	1
50332602-426	1	131	14	75	.1	14	21	832	5.05	2	5	ND	1	183	1	2	2	148	.85	.130	6	43	1.44	110	.19	4	3.44	.04	.15	1
50332602-427	1	60	9	67	.1	29	16	488	5.11	2	5	ND	1	54	1	2	2	136	.60	.284	5	79	.87	58	.18	2	2.78	.01	.08	1
50332602-428	1	66	10	127	.1	20	16	1287	4.17	5	5	ND	1	67	1	2	3	111	.72	.205	6	65	.74	92	.13	2	2.27	.02	.08	1
50332602-429	1	38	10	66	.1	19	13	532	4.40	2	5	ND	1	90	1	2	2	137	.80	.054	6	61	.74	59	.19	4	1.96	.02	.05	1
50332602-430	1	52	8	74	.1	22	14	793	3.92	2	5	ND	1	73	1	2	2	112	.79	.072	10	62	.91	57	.16	3	2.08	.02	.08	1
50332602-431	1	40	7	106	.1	26	15	577	4.33	3	5	ND	1	92	1	2	2	121	.63	.150	8	66	.79	82	.16	3	2.37	.02	.07	1
50332602-432	1	35	16	114	.1	22	14	1667	3.35	2	5	ND	1	47	1	2	2	106	.92	.033	8	51	.80	79	.15	4	2.55	.06	.06	1
50332602-433	1	30	9	95	.1	16	12	759	4.28	2	5	ND	1	83	1	2	2	123	.76	.272	5	47	.63	72	.16	2	2.08	.01	.06	1
50332609-001	1	65	8	96	.1	28	16	686	4.61	2	5	ND	1	75	1	2	2	115	.78	.234	9	75	.99	75	.17	2	2.69	.02	.09	1
50332609-002	1	76	12	70	.2	28	17	699	4.11	2	5	ND	1	115	1	2	4	132	.94	.086	11	80	1.24	68	.18	2	2.69	.03	.07	1
50332609-003	1	62	9	57	.1	19	15	655	3.87	2	5	ND	1	90	1	2	2	116	.94	.053	10	69	1.05	55	.17	3	1.85	.04	.07	1
50332609-004	1	74	11	82	.3	14	20	1232	5.17	12	5	ND	1	166	1	2	2	158	1.26	.069	13	40	.99	75	.17	2	2.89	.02	.04	1
50332609-005	1	51	12	182	.2	18	19	1016	5.41	10	5	ND	1	162	1	2	2	145	.95	.280	8	45	1.09	85	.15	4	3.03	.02	.07	1
50332609-006	1	42	13	80	.1	23	15	525	4.71	2	5	ND	1	76	1	2	3	137	.62	.121	8	61	.86	95	.20	3	2.48	.02	.07	1
50332609-007	1	86	17	124	.4	30	18	398	5.09	5	5	ND	1	241	1	2	2	114	.36	.250	8	37	.64	196	.14	2	4.36	.02	.08	1
50332609-008	1	62	8	145	.3	20	19	697	4.60	6	5	ND	1	152	1	2	2	127	1.20	.307	7	22	.67	74	.18	2	3.79	.02	.08	1
50332609-009	1	69	8	67	.1	29	16	635	4.80	2	5	ND	2	174	1	2	2	151	.89	.062	10	53	1.10	74	.23	5	3.11	.02	.10	1
50332609-010	1	37	11	107	.2	14	11	436	3.97	2	5	ND	1	90	1	2	2	109	.40	.300	5	24	.61	41	.13	2	4.95	.02	.04	1
50332609-011	1	50	7	68	.1	19	14	562	4.10	2	5	ND	1	290	1	2	2	121	.82	.079	6	36	.89	83	.16	2	3.36	.05	.06	1
50332609-012	1	44	13	63	.1	21	14	506	3.98	2	5	ND	2	137	1	2	4	122	.70	.089	7	43	.82	79	.18	2	2.73	.03	.07	1
50332609-013	1	31	9	125	.2	19	13	597	4.36	3	5	ND	1	81	1	2	2	117	.65	.239	5	43	.67	72	.16	2	2.41	.02	.07	1
50332609-014	1	38	8	97	.1	20	12	746	3.69	4	5	ND	1	157	1	2	2	106	.98	.211	6	36	.79	108	.15	2	3.16	.02	.07	1
50332609-015	1	32	14	104	.1	18	14	482	4.46	4	5	ND	1	85	1	2	2	132	.67	.141	5	43	.77	66	.17	3	2.71	.02	.05	1
50332609-016	1	48	13	114	.1	21	16	583	4.79	5	5	ND	1	119	1	2	4	146	.73	.174	5	45	.84	67	.18	3	2.67	.02	.07	1
50332609-017	1	30	10	127	.2	13	13	742	4.27	2	5	ND	1	61	1	2	2	118	.69	.145	6	60	.68	76	.19	4	1.65	.02	.10	1
50332609-018	1	44	9	80	.1	13	13	699	3.93	2	5	ND	1	74	1	2	2	123	.81	.052	9	51	.68	60	.18	2	1.61	.02	.05	1
50332609-019	1	55	9	106	.2	18	15	533	4.56	2	5	ND	1	54	1	2	2	106	.57	.391	7	59	.70	79	.15	2	2.72	.02	.12	1
50332609-020	1	88	8	75	.1	18	17	888	4.37	4	5	ND	2	103	1	2	2	129	1.03	.118	12	59	.93	68	.19	9	2.17	.04	.12	1
50332609-021	1	49	9	113	.1	15	15	1490	4.66	2	5	ND	1	53	1	2	2	118	.55	.401	8	60	.46	100	.14	2	2.51	.02	.09	1
50332609-022	1	36	2	25	.1	1	1	21	.20	2	5	ND	1	40	1	3	3	17	.69	.023	2	1	.07	9	.01	2	.30	.01	.01	1
50332609-023	1	61	12	77	.1	21	17	628	4.67	4	5	ND	2	59	1	2	2	128	.63	.200	8	59	.92	56	.16	4	2.57	.02	.09	1
50332609-024	1	60	9	124	.1	20	15	819	4.10	2	5	ND	1	50	1	2	2	112	.62	.084	10	54	.85	65	.16	4	2.01	.02	.08	1
STD C	20	56	40	131	7.0	67	30	1105	3.95	38	20	8	34	48	18	15	21	64	.47	.104	37	63	.88	180	.08	36	1.71	.07	.13	15

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
50332609-025	1	65	5	79	.1	36	18	500	4.44	4	5	ND	1	67	1	2	2	122	.70	.126	14	65	1.01	78	.19	4	2.55	.02	.12	1
50332609-026	1	38	4	101	.1	24	14	994	4.39	2	5	ND	1	37	1	2	2	121	.52	.148	12	60	.66	60	.21	3	2.28	.02	.11	1
50332609-027	1	48	3	80	.1	31	15	497	4.73	2	5	ND	2	69	1	2	2	139	.69	.128	12	68	.87	66	.21	2	2.40	.02	.09	1
50332609-028	1	49	8	99	.1	37	15	608	4.50	2	5	ND	1	72	1	2	2	124	.62	.124	9	74	1.00	72	.18	6	2.52	.02	.10	1
50332609-029	1	67	9	78	.1	18	14	563	4.26	3	5	ND	1	74	1	2	2	129	.72	.088	11	56	.69	68	.17	4	1.90	.02	.11	1
50332609-030	1	25	21	197	.5	11	11	622	4.06	8	5	ND	1	46	1	2	2	122	.42	.065	8	31	.48	65	.06	2	1.98	.02	.05	1
50332609-031	1	29	12	109	.1	16	10	512	3.90	2	5	ND	1	49	1	2	2	116	.56	.098	11	47	.46	56	.17	4	1.43	.02	.08	2
50332609-032	1	32	5	111	.1	26	13	427	4.23	2	5	ND	1	69	1	2	2	112	.54	.135	10	67	.73	75	.17	3	2.27	.02	.11	1
50332609-033	1	30	9	125	.1	17	11	556	3.55	4	5	ND	1	50	1	2	2	112	.66	.078	8	46	.53	89	.18	5	1.82	.02	.08	1
50332609-034	1	33	7	143	.3	39	15	562	4.01	3	5	ND	2	49	1	2	2	98	.56	.197	9	61	.82	104	.17	2	2.68	.02	.12	1
50332609-035	1	35	3	87	.1	27	13	462	4.18	2	5	ND	2	55	1	2	2	119	.56	.160	10	64	.67	77	.18	4	2.01	.02	.09	1
50332609-036	1	27	2	91	.2	24	12	434	4.33	4	5	ND	1	42	1	2	2	124	.42	.140	9	60	.67	59	.19	4	2.21	.02	.10	1
50332609-037	1	73	6	94	.2	106	23	1239	4.87	2	5	ND	1	71	1	2	2	140	.93	.169	11	95	2.28	60	.22	3	2.86	.02	.10	1
50332609-038	1	60	5	74	.1	25	16	560	4.88	2	5	ND	2	51	1	2	2	141	.58	.144	10	62	.86	64	.20	2	2.39	.02	.09	1
50332609-039	1	54	2	78	.1	22	15	1436	3.74	4	5	ND	1	47	1	2	2	110	.57	.057	13	55	.75	68	.15	2	2.29	.03	.08	1
50332609-040	1	50	9	99	.1	24	16	1147	4.81	2	5	ND	1	59	1	2	2	130	.69	.150	10	66	.81	106	.17	2	2.43	.02	.08	1
50332609-041	1	68	2	85	.1	45	17	437	4.90	6	5	ND	2	43	1	2	3	127	.48	.109	12	80	.94	88	.19	2	2.95	.02	.11	1
50332609-042	1	82	7	106	.1	32	18	653	5.01	2	5	ND	1	56	1	2	2	136	.44	.243	10	75	1.04	90	.21	5	3.16	.02	.13	2
50332609-043	1	79	2	83	.1	27	18	599	4.87	3	5	ND	1	88	1	2	2	138	.87	.158	9	81	.99	67	.21	4	2.86	.02	.10	1
50332609-044	1	57	9	115	.2	25	16	601	4.74	3	5	ND	1	71	1	2	3	134	.92	.201	9	79	.87	66	.20	4	2.53	.02	.09	1
50332609-045	1	49	2	76	.2	27	13	474	3.79	2	5	ND	1	76	1	2	3	110	.73	.053	11	77	1.00	44	.18	4	1.92	.03	.07	1
50332609-046	1	76	12	81	.2	24	19	1143	4.62	4	5	ND	1	121	1	2	2	154	1.26	.084	12	67	1.16	68	.23	3	2.35	.04	.10	1
50332609-047	1	48	2	99	.1	34	17	460	4.55	3	5	ND	1	80	1	2	2	129	.68	.181	8	66	.91	88	.19	5	2.97	.02	.10	1
50332609-048	1	28	14	82	.2	17	12	1051	3.82	4	5	ND	1	97	1	2	2	118	.71	.069	7	60	.60	85	.19	2	1.61	.02	.09	2
50332609-049	1	36	3	109	.1	27	15	611	5.31	4	5	ND	1	93	1	3	2	155	.66	.182	7	57	.80	101	.21	2	3.50	.02	.08	1
50332609-050	1	36	12	109	.2	23	15	806	4.04	2	5	ND	1	81	1	2	2	117	.71	.143	8	62	.68	75	.18	3	2.13	.02	.08	1
50332609-051	1	29	3	60	.1	25	13	390	3.46	3	5	ND	2	72	1	2	2	98	.69	.089	8	71	.76	45	.16	4	1.63	.02	.06	2
50332609-052	1	47	10	90	.1	25	15	638	4.37	2	5	ND	1	116	1	3	2	135	.78	.059	5	51	.91	65	.19	2	2.82	.02	.08	1
50332609-053	1	46	9	102	.3	24	15	996	3.87	5	5	ND	1	65	1	2	2	106	.79	.113	8	62	.80	79	.14	6	2.17	.02	.11	1
50332609-054	1	60	5	82	.1	33	16	476	4.73	4	5	ND	1	90	1	2	2	127	.73	.203	7	77	1.03	79	.20	2	2.82	.02	.13	1
50332609-055	1	49	5	115	.3	27	17	1515	4.27	2	5	ND	1	54	1	2	2	118	.73	.206	5	96	.78	65	.17	9	2.15	.02	.08	1
50332609-056	1	63	4	120	.1	28	18	937	4.66	3	5	ND	1	70	1	2	2	131	.69	.132	5	84	.96	90	.20	6	2.54	.02	.09	1
50332609-057	1	64	2	98	.1	27	15	902	4.54	3	5	ND	2	76	1	3	3	126	.59	.134	6	72	.90	71	.21	2	2.87	.02	.12	1
50332609-058	1	62	2	81	.2	27	17	598	4.98	3	5	ND	2	76	1	2	2	150	.65	.096	7	79	.90	65	.23	6	2.64	.02	.09	2
50332609-059	1	33	8	90	.2	28	12	430	3.73	3	5	ND	2	39	1	2	4	93	.46	.151	12	63	.72	62	.15	6	1.74	.02	.10	1
50332609-060	1	50	5	82	.1	27	15	500	4.06	2	5	ND	2	50	1	2	2	112	.58	.123	8	61	.74	65	.18	6	2.10	.02	.10	1
STD C	22	57	39	134	7.0	76	30	1133	3.95	40	16	8	34	49	17	16	20	65	.47	.104	36	63	.88	185	.09	38	1.72	.07	.13	14

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
50332609-061	1	34	7	98	.1	24	15	554	4.02	3	5	ND	2	44	1	2	2	107	.53	.173	8	61	.74	66	.18	3	2.17	.02	.09	1
50332609-062	1	42	6	90	.1	24	14	434	4.22	5	5	ND	2	45	1	2	2	115	.62	.121	8	64	.80	60	.19	5	2.10	.02	.09	1
50332609-063	1	39	7	68	.1	17	11	443	3.63	2	5	ND	1	60	1	2	2	116	.70	.043	14	50	.60	45	.19	5	1.58	.02	.06	1
50332609-064	1	34	11	106	.1	14	13	758	4.61	6	5	ND	1	53	1	2	2	151	.69	.039	10	52	.69	50	.22	8	1.56	.03	.06	1
50332609-065	1	33	12	109	.1	27	12	940	3.91	2	7	ND	1	43	1	2	2	101	.55	.168	7	59	.63	78	.16	5	2.07	.02	.09	1
50332609-066	1	68	7	93	.2	33	15	867	4.07	4	6	ND	2	51	1	2	2	105	.80	.038	12	62	.94	86	.16	5	2.15	.03	.10	1
50332609-067	1	30	15	72	.1	15	11	488	3.94	4	5	ND	2	48	1	2	2	121	.56	.063	10	60	.57	44	.20	6	1.41	.02	.06	1
50332609-068	1	58	14	95	.1	26	17	618	4.56	4	5	ND	2	58	1	2	2	125	.57	.118	8	72	.94	84	.20	2	2.57	.02	.09	1
50332609-069	1	45	10	93	.1	28	16	539	4.40	9	5	ND	2	47	1	2	2	108	.59	.152	10	64	.75	73	.16	4	2.30	.02	.12	1
50332609-070	1	43	13	104	.1	25	16	535	4.70	6	5	ND	2	53	1	2	2	117	.60	.309	10	70	.62	79	.16	4	2.39	.02	.11	1
50332609-071	1	27	8	92	.2	17	13	447	4.39	4	5	ND	2	42	1	2	2	107	.48	.365	9	56	.47	72	.16	2	2.14	.02	.09	1
50332609-072	1	51	11	113	.1	25	17	1047	4.86	4	5	ND	1	54	1	2	2	131	.69	.095	9	85	.92	69	.19	6	2.42	.02	.09	1
50332609-073	1	72	10	88	.1	32	19	683	5.24	6	5	ND	2	94	1	2	2	144	.95	.205	8	82	1.08	82	.22	5	2.93	.02	.11	1
50332609-074	1	90	10	73	.1	30	20	698	4.98	2	5	ND	2	97	1	2	2	145	.89	.098	9	82	1.22	63	.21	6	2.86	.03	.10	1
50332609-075	1	56	11	63	.1	23	17	811	4.46	3	6	ND	2	103	1	2	2	135	1.12	.066	10	80	1.07	62	.21	4	1.98	.06	.09	1
50332609-076	1	67	12	79	.1	30	18	542	4.84	5	5	ND	1	90	1	2	2	137	.80	.205	9	83	1.02	73	.19	5	2.77	.02	.09	1
50332609-077	1	89	11	94	.3	23	16	1404	4.29	5	5	ND	1	77	1	2	2	137	1.10	.061	16	63	.91	62	.19	4	2.38	.03	.08	1
50332609-078	1	44	11	151	.1	26	17	628	4.91	7	5	ND	1	91	1	2	3	121	.88	.248	8	58	.92	89	.17	2	3.00	.02	.12	1
50332609-079	1	32	10	114	.1	22	13	648	3.97	4	5	ND	1	56	1	2	2	95	.73	.250	9	78	.53	100	.15	4	1.90	.02	.10	1
50332609-080	1	35	7	77	.1	29	14	515	4.30	6	6	ND	2	88	1	2	2	109	.70	.236	8	68	.84	102	.16	4	2.39	.02	.09	1
50332609-081	1	36	9	110	.2	39	17	444	4.79	5	5	ND	2	56	1	2	2	124	.51	.164	9	69	.93	93	.18	6	3.32	.02	.10	1
STD C	21	56	41	131	7.0	70	29	1103	3.93	39	18	7	33	48	17	17	19	64	.47	.101	37	63	.87	181	.08	41	1.72	.07	.13	15

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 16.960/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CU

INTERVAL PPM		%	C%	
4.01		0.0	0.0	
8.25		0.0	0.0	
12.49		0.0	0.0	
16.73	*	1.2	1.2	
20.97	*	1.8	3.0	
25.21	******	6.1	9.1	
29.45	********	8.5	17.6	
33.69	**********	10.3	27.9	
37.93	*******	7.9	35.8	
42.17	******	6.7	42.4	
46.41	**********	11.5	53.9	
50.65	*****	5.5	59.4	****M***
54.89	*******	7.3	66.7	
59.13	********	8.5	75.2	
63.37	*****	5.5	80.6	
67.61	****	4.2	84.8	
71.85	******	6.1	90.9	
76.09		0.6	91.5	
80.33	***	3.0	94.5	
84.57	**	2.4	97.0	
88.81	*	1.8	98.8	
93.05		0.0	98.8	
97.29		0.0	98.8	
101.53		0.0	98.8	
105.77				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.146/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CU

INTERVAL PPM		%	C%
17.69		0.6	0.6
19.24		0.6	1.2
20.93		0.0	1.2
22.77		0.0	1.2
24.76	**	2.4	3.6
26.94	*****	5.5	9.1
29.30	***	3.6	12.7
31.87	*******	7.3	20.0
34.67	*******	7.9	27.9
37.71	******	6.7	34.5
41.02	*****	5.5	40.0
44.62	******	6.7	46.7
48.53	**********	11.5	58.2
52.79	******	6.7	64.8
57.42	********	8.5	73.3
62.46	*******	7.3	80.6
67.94	*******	7.9	88.5
73.91	***	3.0	91.5
80.39	****	4.8	96.4
87.45	**	2.4	98.8
95.12		0.0	98.8
103.47		0.0	98.8
112.54		0.0	98.8
122.42		0.6	99.4
133.16			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 3.741/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

PB

INTERVAL PPM		%	C%	
0.60		0.0	0.0	
1.54	**********	12.1	12.1	
2.47	***	3.0	15.2	
3.41	****	4.2	19.4	
4.35	*******	7.3	26.7	
5.28	*****	5.5	32.1	
6.22	**********	10.3	42.4	
7.15	**********	10.9	53.3	
8.09	*********	9.7	63.0	****M***
9.02		0.0	63.0	
8.96	*******	7.3	70.3	
10.89	******	6.1	76.4	
11.83	********	8.5	84.8	
12.76	******	6.1	90.9	
13.70	******	6.1	97.0	
14.63	*	1.2	98.2	
15.57		0.6	98.8	
16.50		0.6	99.4	
17.44		0.0	99.4	
18.37		0.0	99.4	
19.31		0.0	99.4	
20.24		0.6	100.0	
21.18		0.0	100.0	
22.11		0.0	100.0	
23.05				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.177/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

PB

INTERVAL PPM		%	C%
2.48		0.0	12.1
2.74	***	3.0	15.2
3.04		0.0	15.2
3.36		0.0	15.2
3.72	****	4.2	19.4
4.12		0.0	19.4
4.57	*******	7.3	26.7
5.05		0.0	26.7
5.60	*****	5.5	32.1
6.20		0.0	32.1
6.86	**********	10.3	42.4
7.60	**********	10.9	53.3
8.41	*********	9.7	63.0
9.31	*******	7.3	70.3
10.31	******	6.1	76.4
11.42	********	8.5	84.8
12.64	******	6.1	90.9
14.00	*******	7.3	98.2
15.50	*	1.2	99.4
17.16		0.0	99.4
19.00		0.6	100.0
21.04		0.0	100.0
23.30		0.0	100.0
25.79		0.0	100.0
28.56			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 19.462/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

ZN

INTERVAL PPM		%	C%
31.66		0.0	0.6
36.52		0.0	0.6
41.39		0.0	0.6
46.25		0.6	1.2
51.12		0.0	1.2
55.99	**	2.4	3.6
60.85	******	6.1	9.7
65.72	*******	7.9	17.6
70.58	********	8.5	26.1
75.45	*********	9.1	35.2
80.31	********	8.5	43.6
85.18	******	6.1	49.7
90.05	******	6.1	55.8 ****M***
94.91	*********	9.7	65.5
99.78	*******	7.3	72.7
104.64	*******	7.9	80.6
109.51	****	4.2	84.8
114.37	*	1.2	86.1
119.24	***	3.0	89.1
124.10	***	3.0	92.1
128.97	*	1.2	93.3
133.84		0.0	93.3
138.70		0.6	93.9
143.57		0.6	94.5
148.43			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.097/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

ZN

INTERVAL PPM		%	C%
45.50		0.0	0.6
48.13		0.0	0.6
50.91		0.6	1.2
53.85		0.0	1.2
56.95	**	2.4	3.6
60.24	***	3.6	7.3
63.72	******	6.7	13.9
67.40	****	4.2	18.2
71.29	*******	7.9	26.1
75.40	*******	7.3	33.3
79.75	*********	9.7	43.0
84.36	***	3.6	46.7
89.23	*********	9.1	55.8
94.38	*********	9.7	65.5
99.82	*******	7.9	73.3
105.58	********	8.5	81.8
111.68	****	4.2	86.1
118.12	***	3.0	89.1
124.94	****	4.2	93.3
132.15		0.0	93.3
139.78	*	1.2	94.5
147.85	*	1.2	95.8
156.38	*	1.8	97.6
165.41		0.0	97.6
174.96			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.069/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AG

INTERVAL PPM		%	C%	
0.00				
0.02		0.0	0.6	
0.04		0.0	0.6	
0.06		0.0	0.6	
0.07		0.0	0.6	
0.09		0.0	0.6	
0.11	**********	67.3	67.9	
0.12		0.0	67.9	
0.14		0.0	67.9	
0.16		0.0	67.9	****M****
0.18		0.0	67.9	
0.19		0.0	67.9	
0.21	**********	17.6	85.5	
0.23		0.0	85.5	
0.24		0.0	85.5	
0.26		0.0	85.5	
0.28		0.0	85.5	
0.30		0.0	85.5	
0.31	**********	10.9	96.4	
0.33		0.0	96.4	
0.35		0.0	96.4	
0.36		0.0	96.4	
0.38		0.0	96.4	
0.40		0.0	96.4	
0.42	***	3.0	99.4	

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.175/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AG

INTERVAL PPM		%	C%
0.04		0.0	0.0
0.04		0.0	0.0
0.05		0.0	0.0
0.05		0.0	0.0
0.06		0.0	0.0
0.06		0.0	0.0
0.07		0.0	0.0
0.08		0.0	0.0
0.09		0.0	0.0
0.10	**********	67.3	67.3
0.11		0.0	67.3
0.12		0.0	67.3
0.13		0.0	67.3
0.14		0.0	67.3
0.16		0.0	67.3
0.17		0.0	67.3
0.19	**********	17.6	84.8
0.21		0.0	84.8
0.24		0.0	84.8
0.26		0.0	84.8
0.29	**********	10.9	95.8
0.32		0.0	95.8
0.35		0.0	95.8
0.39	***	3.0	98.8
0.43			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.554/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AU

INTERVAL PPM		%	C%	
3.40				
3.54		0.0	1.2	
3.68		0.0	1.2	
3.82		0.0	1.2	
3.95		0.0	1.2	
4.09		0.0	1.2	
4.23		0.0	1.2	
4.37		0.0	1.2	
4.51		0.0	1.2	
4.65		0.0	1.2	
4.78		0.0	1.2	
4.92		0.0	1.2	
5.06	**********	97.0	98.2	
5.20		0.0	98.2	****M****
5.34		0.0	98.2	
5.48		0.0	98.2	
5.62		0.0	98.2	
5.75		0.0	98.2	
5.89		0.0	98.2	
6.03		0.0	98.2	
6.17		0.0	98.2	
6.31		0.0	98.2	
6.45		0.0	98.2	
6.58		0.0	98.2	
6.72		0.0	98.2	

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.033/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AU

INTERVAL PPM		%	C%
4.00			
4.08		0.0	0.0
4.16		0.0	0.0
4.24		0.0	0.0
4.32		0.0	0.0
4.41		0.0	0.0
4.49		0.0	0.0
4.58		0.0	0.0
4.67		0.0	0.0
4.76		0.0	0.0
4.85		0.0	0.0
4.95		0.0	0.0
5.04	**********	97.0	97.0
5.14		0.0	97.0
5.24		0.0	97.0
5.34		0.0	97.0
5.45		0.0	97.0
5.55		0.0	97.0
5.66		0.0	97.0
5.77		0.0	97.0
5.88		0.0	97.0
6.00		0.0	97.0
6.12		0.0	97.0
6.23		0.0	97.0
6.36		0.0	97.0

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 2.271/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CO

INTERVAL PPM		%	C%
8.38		0.0	0.6
8.95		0.6	1.2
9.52	*	1.2	2.4
10.08		0.0	2.4
10.65	****	4.2	6.7
11.22		0.0	6.7
11.79	******	6.7	13.3
12.35		0.0	13.3
12.92	**********	13.9	27.3
13.49	*********	10.9	38.2
14.06		0.0	38.2
14.62	**********	15.8	53.9
15.19		0.0	53.9 ****M***
15.76	**********	12.7	66.7
16.33		0.0	66.7
16.90	**********	16.4	83.0
17.46	*********	9.7	92.7
18.03		0.0	92.7
18.60	****	4.2	97.0
19.17		0.0	97.0
19.73	*	1.8	98.8
20.30		0.0	98.8
20.87		0.6	99.4
21.44		0.0	99.4
22.00			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.071/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CO

INTERVAL PPM		%	C%
9.21		0.0	1.2
9.60		0.0	1.2
10.00	*	1.2	2.4
10.42		0.0	2.4
10.85	****	4.2	6.7
11.30		0.0	6.7
11.77	******	6.7	13.3
12.26		0.0	13.3
12.77	**********	13.9	27.3
13.31		0.0	27.3
13.86	*********	10.9	38.2
14.44	**********	15.8	53.9
15.04		0.0	53.9
15.67	**********	12.7	66.7
16.32	**********	16.4	83.0
17.00		0.0	83.0
17.71	*********	9.7	92.7
18.45	****	4.2	97.0
19.22	*	1.8	98.8
20.02		0.0	98.8
20.85		0.6	99.4
21.72		0.0	99.4
22.63		0.6	100.0
23.57		0.0	100.0
24.55			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 171.731/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

MN

INTERVAL PPM		%	C%
89.03		0.0	0.6
131.97		0.0	0.6
174.90		0.0	0.6
217.83		0.0	0.6
260.76		0.6	1.2
303.70		0.0	1.2
346.63	*	1.2	2.4
389.56	******	6.7	9.1
432.49	**********	10.9	20.0
475.43	***************	15.2	35.2
518.36	**************	14.5	49.7
561.29	**********	10.3	60.0
604.22	******	6.7	66.7 ****M***
647.16	****	4.8	71.5
690.09	***	3.6	75.2
733.02	****	4.2	79.4
775.96	***	3.0	82.4
818.89	*	1.8	84.2
861.82	**	2.4	86.7
904.75	*	1.2	87.9
947.69	**	2.4	90.3
990.62	*	1.8	92.1
1033.55	*	1.2	93.3
1076.48		0.6	93.9
1119.42			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.124/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

MN

INTERVAL PPM		%	C%
251.38		0.0	0.6
270.04		0.0	0.6
290.10		0.6	1.2
311.64		0.0	1.2
334.79		0.0	1.2
359.65	*	1.2	2.4
386.36	***	3.6	6.1
415.06	*******	7.3	13.3
445.88	*******	7.3	20.6
478.99	************	13.3	33.9
514.57	************	13.3	47.3
552.78	*********	9.7	57.0
593.83	*********	9.1	66.1
637.94	****	4.8	70.9
685.31	****	4.2	75.2
736.21	*****	5.5	80.6
790.88	***	3.6	84.2
849.62	**	2.4	86.7
912.71	***	3.6	90.3
980.50	***	3.0	93.3
1053.32		0.6	93.9
1131.54	*	1.2	95.2
1215.58	*	1.8	97.0
1305.85		0.0	97.0
1402.83			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.442/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

FE

INTERVAL PPM		%	C%	
3.12		0.6	1.8	
3.24		0.0	1.8	
3.35	*	1.2	3.0	
3.46	*	1.2	4.2	
3.57	*	1.2	5.5	
3.68	**	2.4	7.9	
3.79	****	4.2	12.1	
3.90	*******	7.3	19.4	
4.01	*******	7.9	27.3	
4.12	****	4.8	32.1	
4.23	********	8.5	40.6	
4.34	*********	9.1	49.7	
4.45	*******	7.9	57.6	****M***
4.56	******	6.7	64.2	
4.67	********	8.5	72.7	
4.78	**********	12.7	85.5	
4.89	****	4.8	90.3	
5.00	***	3.6	93.9	
5.12	**	2.4	96.4	
5.23	**	2.4	98.8	
5.34		0.6	99.4	
5.45		0.0	99.4	
5.56		0.6	100.0	
5.67		0.0	100.0	
5.78				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.047/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

FE

INTERVAL PPM		%	C%
3.21		0.0	1.2
3.30	*	1.2	2.4
3.39		0.6	3.0
3.48		0.6	3.6
3.58	*	1.2	4.8
3.67	**	2.4	7.3
3.77	****	4.2	11.5
3.88	*******	7.3	18.8
3.98	******	6.1	24.8
4.09	*****	5.5	30.3
4.20	******	6.7	37.0
4.32	*********	9.7	46.7
4.43	*********	9.1	55.8
4.56	*******	7.9	63.6
4.68	**********	12.1	75.8
4.81	**********	10.3	86.1
4.94	******	6.1	92.1
5.07	***	3.6	95.8
5.21	**	2.4	98.2
5.35		0.6	98.8
5.50		0.6	99.4
5.65		0.6	100.0
5.80		0.0	100.0
5.96		0.0	100.0
6.12			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 1.334/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AS

INTERVAL PPM		%	C%
0.13			
0.46		0.0	0.0
0.79		0.0	0.0
1.13		0.0	0.0
1.46		0.0	0.0
1.79		0.0	0.0
2.13	**********	45.5	45.5
2.46		0.0	45.5
2.79		0.0	45.5
3.13	**********	16.4	61.8
3.46		0.0	61.8 ****M****
3.79		0.0	61.8
4.13	**********	17.0	78.8
4.46		0.0	78.8
4.79		0.0	78.8
5.13	*******	9.7	88.5
5.46		0.0	88.5
5.79		0.0	88.5
6.13	*****	5.5	93.9
6.46		0.0	93.9
6.79		0.0	93.9
7.13	*	1.2	95.2
7.46		0.0	95.2
7.80		0.0	95.2
8.13	*	1.2	96.4

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.172/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AS

INTERVAL PPM		%	C%
0.88			
0.97		0.0	0.0
1.07		0.0	0.0
1.19		0.0	0.0
1.31		0.0	0.0
1.44		0.0	0.0
1.59		0.0	0.0
1.76		0.0	0.0
1.94		0.0	0.0
2.14	**********	45.5	45.5
2.37		0.0	45.5
2.61		0.0	45.5
2.88		0.0	45.5
3.18	**********	16.4	61.8
3.51		0.0	61.8
3.88		0.0	61.8
4.28	**********	17.0	78.8
4.72		0.0	78.8
5.21	*******	9.7	88.5
5.75		0.0	88.5
6.35	*****	5.5	93.9
7.01	*	1.2	95.2
7.74		0.0	95.2
8.54	*	1.2	96.4
9.43		0.6	97.0

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.050/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

V

INTERVAL PPM		X	C%
86.19		0.0	1.2
88.70		0.0	1.2
91.28		0.6	1.8
93.94	**	2.4	4.2
96.67	*	1.8	6.1
99.49	*	1.8	7.9
102.38	***	3.0	10.9
105.36	*****	5.5	16.4
108.43	******	6.7	23.0
111.59	******	6.7	29.7
114.83	************	12.7	42.4
118.18	*********	9.1	51.5
121.62	*********	9.7	61.2
125.16	******	6.7	67.9
128.80	*********	9.1	77.0
132.55	******	6.7	83.6
136.41	******	6.1	89.7
140.38	***	3.6	93.3
144.47	**	2.4	95.8
148.67	*	1.8	97.6
153.00	*	1.8	99.4
157.46		0.6	100.0
162.04		0.0	100.0
166.76		0.0	100.0
171.61			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 13.185/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

V

INTERVAL PPM		X	C%	
82.22		0.0	1.2	
85.52		0.0	1.2	
88.81		0.0	1.2	
92.11	*	1.8	3.0	
95.40	***	3.0	6.1	
98.70	*	1.2	7.3	
102.00	***	3.6	10.9	
105.29	*****	5.5	16.4	
108.59	******	6.7	23.0	
111.89	********	8.5	31.5	
115.18	**********	10.9	42.4	
118.48	*********	9.1	51.5	
121.77	*********	9.7	61.2	****M****
125.07	******	6.7	67.9	
128.37	*******	7.9	75.8	
131.66	****	4.2	80.0	
134.96	*******	7.3	87.3	
138.26	***	3.6	90.9	
141.55	**	2.4	93.3	
144.85	**	2.4	95.8	
148.15	*	1.8	97.6	
151.44		0.6	98.2	
154.74	*	1.8	100.0	
158.03		0.0	100.0	
161.33				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.094/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CA

INTERVAL PPM		%	C%
0.34		0.0	0.0
0.36	*	1.2	1.2
0.38		0.6	1.8
0.40	**	2.4	4.2
0.42	*	1.2	5.5
0.44	*	1.2	6.7
0.47	******	6.1	12.7
0.50	****	4.2	17.0
0.52	********	8.5	25.5
0.55	*********	9.1	34.5
0.58	******	6.1	40.6
0.61	*********	9.1	49.7
0.65	******	6.1	55.8
0.69	************	13.3	69.1
0.72	*****	5.5	74.5
0.76	****	4.8	79.4
0.81	****	4.2	83.6
0.85	****	4.8	88.5
0.90	***	3.6	92.1
0.95	***	3.0	95.2
1.00	*	1.2	96.4
1.06		0.6	97.0
1.12		0.6	97.6
1.18		0.6	98.2
1.24			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.148/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CA

INTERVAL PPM		%	C%
0.21		0.0	0.0
0.25		0.0	0.0
0.29		0.0	0.0
0.32		0.0	0.0
0.36	*	1.8	1.8
0.40	***	3.6	5.5
0.43	***	3.0	8.5
0.47	*****	5.5	13.9
0.51	*******	7.9	21.8
0.55	**********	12.7	34.5
0.58	*********	9.1	43.6
0.62	*******	7.3	50.9
0.66	**********	11.5	62.4 ****M****
0.70	*********	9.7	72.1
0.73	**	2.4	74.5
0.77	****	4.8	79.4
0.81	***	3.0	82.4
0.85	****	4.8	87.3
0.88	***	3.0	90.3
0.92	***	3.0	93.3
0.96	*	1.8	95.2
1.00		0.6	95.8
1.03		0.6	96.4
1.07		0.6	97.0
1.11			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.076/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

P

INTERVAL PPM		%	C%	
0.01	*	1.2	1.8	
0.03	*******	7.9	9.7	
0.05	**********	10.3	20.0	
0.07	*****	5.5	25.5	
0.09	*********	9.1	34.5	
0.11	*******	7.9	42.4	
0.13	*********	9.7	52.1	
0.15	*********	9.7	61.8	****M***
0.17	******	6.1	67.9	
0.18	******	6.7	74.5	
0.20	****	4.2	78.8	
0.22	****	4.2	83.0	
0.24	****	4.8	87.9	
0.26	*	1.2	89.1	
0.28	*	1.8	90.9	
0.30	**	2.4	93.3	
0.32	*	1.8	95.2	
0.34		0.6	95.8	
0.36	*	1.2	97.0	
0.37		0.6	97.6	
0.39	*	1.2	98.8	
0.41		0.0	98.8	
0.43		0.6	99.4	
0.45		0.0	99.4	
0.47				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.251/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

P

INTERVAL PPM		%	C%
0.02		0.0	0.6
0.03		0.6	1.2
0.03		0.0	1.2
0.04	***	3.0	4.2
0.04		0.0	4.2
0.05	****	4.8	9.1
0.06	****	4.2	13.3
0.07	******	6.1	19.4
0.08	*****	5.5	24.8
0.09	*********	9.1	33.9
0.10	**	2.4	36.4
0.12	**********	11.5	47.9
0.13	********	8.5	56.4
0.16	********	8.5	64.8
0.18	*********	9.1	73.9
0.21	******	6.7	80.6
0.24	*******	7.9	88.5
0.28	****	4.2	92.7
0.32	**	2.4	95.2
0.37	***	3.0	98.2
0.43		0.6	98.8
0.49	*	1.2	100.0
0.57		0.0	100.0
0.66		0.0	100.0
0.76			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 13.078/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CR

INTERVAL PPM		%	C%	
23.91				
27.18		0.6	3.0	
30.45		0.0	3.0	
33.72		0.6	3.6	
36.99	*	1.2	4.8	
40.26	**	2.4	7.3	
43.53	***	3.0	10.3	
46.80	****	4.2	14.5	
50.07	********	7.8	22.4	
53.34	****	4.2	26.7	
56.61	****	4.2	30.9	
59.88	******	6.1	37.0	
63.15	*******************	18.8	55.8	
66.42	********	8.5	64.2	****M***
69.69	*******	7.3	71.5	
72.95	****	4.2	75.8	
76.22	*****	5.5	81.2	
79.49	*****	5.5	86.7	
82.76	****	4.8	91.5	
86.03	***	3.0	94.5	
89.30	*	1.2	95.8	
92.57	**	2.4	98.2	
95.84	*	1.2	99.4	
99.11		0.6	100.0	
102.38		0.0	100.0	

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.100/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

CR

INTERVAL PPM		%	C%
31.22			
33.07		0.0	2.4
35.03		0.0	2.4
37.10	*	1.8	4.2
39.29		0.0	4.2
41.62	*	1.8	6.1
44.08	***	3.6	9.7
46.69	***	3.6	13.3
49.45	******	6.7	20.0
52.38	****	4.2	24.2
55.47	***	3.6	27.9
58.76	****	4.2	32.1
62.23	******************	19.4	51.5
65.91	********	8.5	60.0
69.81	**********	10.3	70.3
73.94	****	4.8	75.2
78.32	********	8.5	83.6
82.95	******	6.7	90.3
87.86	***	3.6	93.9
93.05	***	3.6	97.6
98.56	*	1.2	98.8
104.39		0.6	99.4
110.57		0.6	100.0
117.11		0.0	100.0
124.03		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 17.425/ 4.0 NO SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

BA

INTERVAL PPM		%	CX	
20.24		0.0	1.2	
24.59		0.0	1.2	
28.95		0.0	1.2	
33.31	*	1.8	3.0	
37.66	*	1.8	4.8	
42.02	***	3.6	8.5	
46.38	**	2.4	10.9	
50.73	***	3.6	14.5	
55.09	****	4.8	19.4	
59.44	**********	10.3	29.7	
63.80	*****************	17.0	46.7	
68.16	******	6.7	53.3	
72.51	**********	10.9	64.2	****M****
76.87	*******	7.9	72.1	
81.22	******	6.1	78.2	
85.58	****	4.8	83.0	
89.94	***	3.6	86.7	
94.29	**	2.4	89.1	
98.65	***	3.0	92.1	
103.01	*	1.8	93.9	
107.36	**	2.4	96.4	
111.72		0.6	97.0	
116.07		0.6	97.6	
120.43		0.6	98.2	
124.79				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.104/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

BA

INTERVAL PPM		%	CX
34.75		0.0	1.8
36.89		0.6	2.4
39.17	*	1.2	3.6
41.59	**	2.4	6.1
44.16	*	1.8	7.9
46.89	*	1.8	9.7
49.78	*	1.2	10.9
52.86	****	4.2	15.2
56.12	***	3.6	18.8
59.59	**********	10.3	29.1
63.26	************	12.7	41.8
67.17	********	8.5	50.3
71.32	**********	10.3	60.6
75.72	**********	10.3	70.9
80.40	******	6.7	77.6
85.37	******	6.7	84.2
90.64	***	3.0	87.3
96.23	****	4.2	91.5
102.18	**	2.4	93.9
108.49	**	2.4	96.4
115.19	*	1.2	97.6
122.30		0.0	97.6
129.85		0.6	98.2
137.87		0.6	98.8
146.38			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.023/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

TI

INTERVAL PPM		%	C%	
0.11		0.6	3.0	
0.11		0.0	3.0	
0.12		0.0	3.0	
0.12		0.0	3.0	
0.13	***	3.6	6.7	
0.13	*****	5.5	12.1	
0.14		0.0	12.1	
0.15	*********	9.7	21.8	
0.15		0.0	21.8	
0.16	*****************	16.4	38.2	
0.16		0.0	38.2	
0.17	**************	14.5	52.7	
0.18	**************	14.5	67.3	****M****
0.18		0.0	67.3	
0.19	************	13.3	80.6	
0.19		0.0	80.6	
0.20	**********	10.3	90.9	
0.20	****	4.8	95.8	
0.21		0.0	95.8	
0.22	**	2.4	98.2	
0.22		0.0	98.2	
0.23	**	2.4	100.6	
0.23		0.0	100.6	
0.24		0.0	100.6	

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.062/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

TI

INTERVAL PPM		%	C%
0.11		0.0	2.4
0.12		0.0	2.4
0.12		0.0	2.4
0.12		0.0	2.4
0.13	***	3.6	6.1
0.13		0.0	6.1
0.14	*****	5.5	11.5
0.14		0.0	11.5
0.15	*********	9.7	21.2
0.16	*****************	16.4	37.6
0.16		0.0	37.6
0.17	**************	14.5	52.1
0.17		0.0	52.1
0.18	**************	14.5	66.7
0.19	************	13.3	80.0
0.19		0.0	80.0
0.20	**********	10.3	90.3
0.21	****	4.8	95.2
0.21	**	2.4	97.6
0.22	**	2.4	100.0
0.23		0.0	100.0
0.24		0.0	100.0
0.25		0.0	100.0
0.26		0.0	100.0
0.27			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.486/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AL

INTERVAL PPM		%	C%	
0.96		0.0	0.6	
1.08		0.0	0.6	
1.21		0.0	0.6	
1.33	*	1.8	2.4	
1.45	*	1.2	3.6	
1.57	*****	5.5	9.1	
1.69	***	3.0	12.1	
1.81	****	4.2	16.4	
1.93	******	6.1	22.4	
2.06	**********	12.7	35.2	
2.18	*****	5.5	40.6	
2.30	*********	9.1	49.7	
2.42	******	6.1	55.8	****M****
2.54	******	6.1	61.8	
2.66	**********	13.3	75.2	
2.78	*******	7.3	82.4	
2.91	****	4.8	87.3	
3.03	***	3.6	90.9	
3.15	**	2.4	93.3	
3.27	*	1.2	94.5	
3.39	*	1.8	96.4	
3.51		0.6	97.0	
3.64		0.0	97.0	
3.76		0.6	97.6	
3.88				

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
ZEROS OMITTED
INTERVAL(STDV/F) 0.094/ 4.0 NO.SAMPLES 165
SOIL SAMPLES - PRIOR CLAIMS - QUESNEL RIVER PROJ. 332

AL

INTERVAL PPM		%	C%
1.26		0.0	0.6
1.33		0.6	1.2
1.40	*	1.8	3.0
1.48		0.6	3.6
1.56	****	4.2	7.9
1.65	*	1.8	9.7
1.74	***	3.0	12.7
1.83	***	3.6	16.4
1.94	*****	5.5	21.8
2.04	**********	10.3	32.1
2.16	******	6.1	38.2
2.28	*********	9.1	47.3
2.40	*******	7.9	55.2
2.53	*******	7.3	62.4
2.68	***************	15.2	77.6
2.82	********	8.5	86.1
2.98	****	4.8	90.9
3.15	**	2.4	93.3
3.32	***	3.0	96.4
3.50		0.6	97.0
3.70		0.6	97.6
3.90		0.0	97.6
4.12	*	1.2	98.8
4.35		0.6	99.4
4.59			

0 10 20 30 40 50 60 70 80 90 100
% OF SAMPLES IN CLASS INTERVAL

APPENDIX II

Affidavit of Expenses

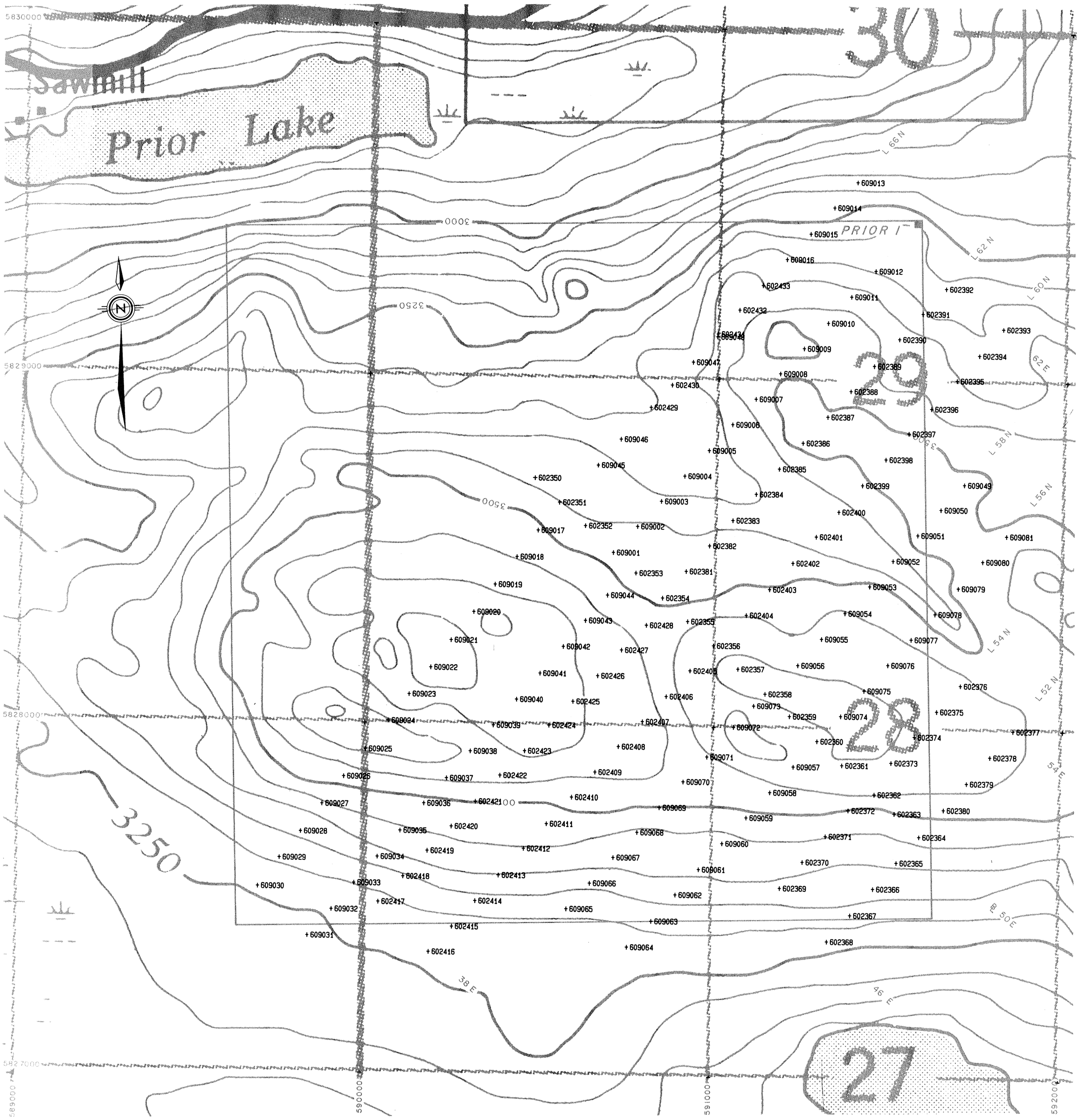
AFFIDAVIT OF EXPENSES

This will certify that geochemical soil sampling was carried out on July 1 to 4, 1986 on the PRIOR 1 claim, Prior Lake area, Cariboo Mining Division, B.C., to the value of the following:

Mobilization and Fieldwork

Salaries	
D. Sorenson	$ 480.00
B. Schmucker	480.00
Room and board	296.69
Vehicle rental, transportation	424.13
Telephone, stationery	71.58
Geochemical analyses	1,970.81
Field supplies	86.75
Report Preparation	
Computer processing	200.00
Engineering fees	
D. G. Allen	400.00
J. Gravel	600.00
Typing, draughting, compilation	586.74
Maps, photocopying	135.46
TOTAL	**$5,714.16**

Donald G. Allen



LEGEND

+609030 Soil
▽ Rock } sample sites, sample numbers.
◇ Silt

L 98 N — Survey grid line number.

Claim boundary, legal corner post.

3600 — Topographic contours, contour interval = 50 feet.

Lake, creek, swamp.

Logging road.

5839000 — U.T.M. grid line.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,465

RIDEAU RESOURCE CORP.

PRIOR 1 CLAIM

CARIBOO MINING DIVISION — BRITISH COLUMBIA

SAMPLE LOCATIONS

SCALE 200 0 200 METRES
500 0 500 FEET
1 : 5,000

A·M exploration ltd.

July, 1986 N.T.S. 93 A / 12

FIGURE 5