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GEOLOGY AND GEOCHEMISTRY REPORT, 1985

on the

ROW 1-24 CLAIMS

VICTORIA MOUNTAIN PROJECT

Whitehorse Mining District

N.T.S. 115 I/3

Latitude 62°10'N

Longitude 137°05'W

Author: M.P. Webster

Owner: Noranda Exploration Company, Limited
(No Personal Liability)

Date: January, 1986

091787

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 2,400.00.

19 March 1986

Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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SUMMARY

The ROW claims consist of 24 Yukon Quartz claims located on the north side of Victoria Mountain, 40 kilometres west of Carmacks. A program of soil and silt sampling, trenching, geological mapping and prospecting was conducted in June, 1985.

Seven trenches were excavated by hand and blasting methods on selected soil geochemical Pb-Zn-Ag and isolated Ag anomalies. Bedrock was not encountered in the trenches because of extensive overburden (>2 metres deep) and permafrost ground conditions. A source for these anomalies has not been identified and a more intensive trenching program using heavy equipment must be undertaken in order to fully evaluate these anomalies. The moderate level of Pb-Zn-Ag anomalies and the lack of gold anomalies recovered in the 1984-85 work programs does not warrant the expense of a large scale trenching program. No further work is recommended on this property at this time.

CHAPTER ONE: INTRODUCTION

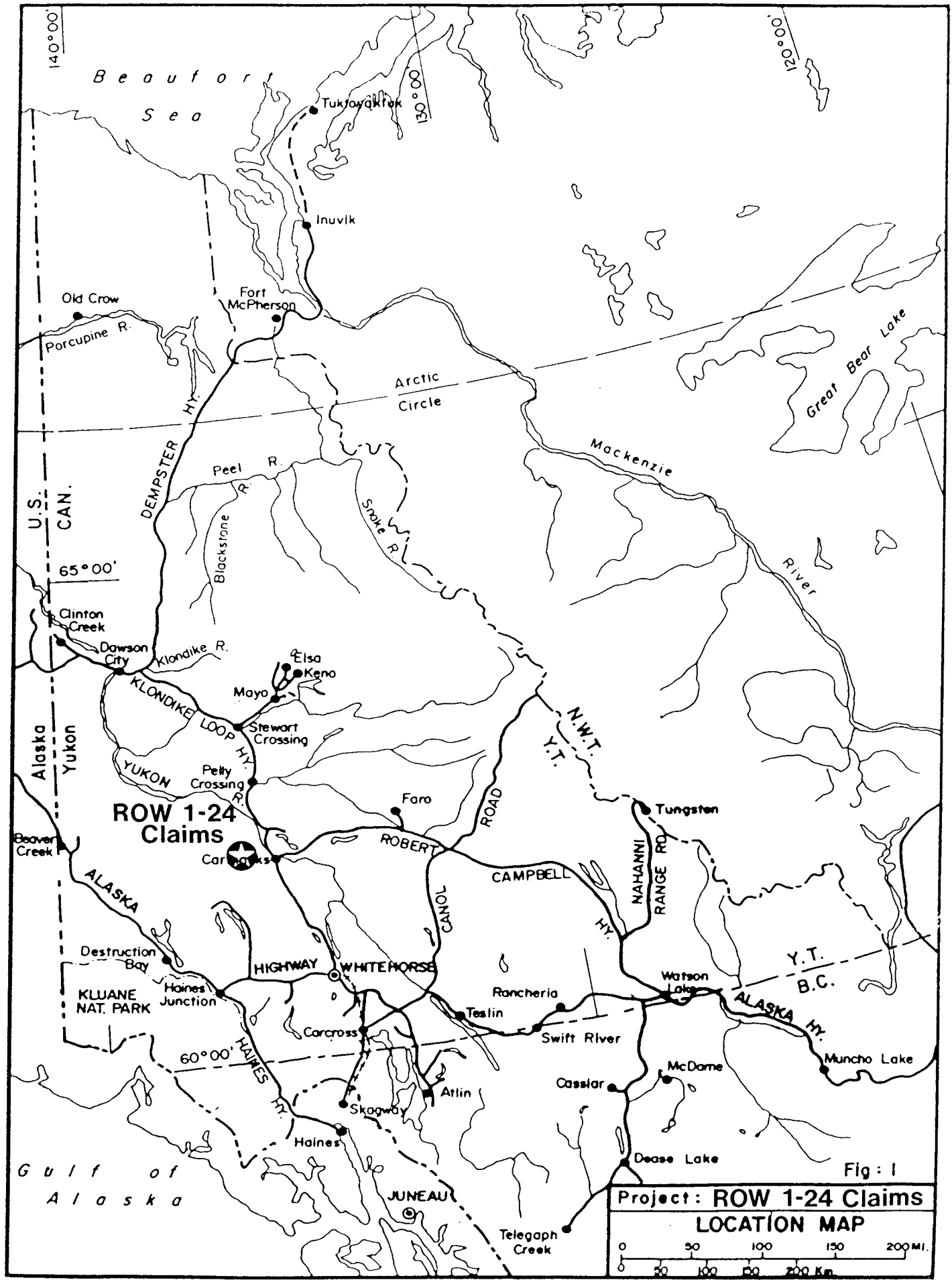
1-1: INTRODUCTORY STATEMENT

The ROW 1-24 claims are located 40 kilometres west of Carmacks, Yukon. The claims are wholly owned by Noranda Exploration Company, Limited (No Personal Liability). The claims were staked on May 17, 1984 to cover anomalous Pb/Zn levels in silts and soils from a 1979 reconnaissance program. The claims are situated between Mt. Nansen and Mt. Freegold, which are known to host significant Au-Ag-Pb-Zn possibly epithermal vein occurrences.

1-2: LOCATION AND ACCESS

The ROW 1-24 claims are situated at 62°10'N latitude and 137°05'W longitude on N.T.S. mapsheet 115 I/3 (Figure 1), 40 kilometres west of Carmacks.

For this program, access to the property was with TNTA's 206B helicopter based in Carmacks. There is a four-wheel drive road, the Blue Ribbon Trail, 6 kilometres west of the property however some stretches of this road are in poor condition. There are several cat tracks leading from this road towards the property along Rowlinson Creek and to the south of the property along Nansen Creek, Back Creek and Summit Creek.



VANCAL 11826

1-3: PHYSIOGRAPHY AND VEGETATION

The ROW claims are located within the Dawson Range of the Yukon Plateau. The mountains in the area are well rounded and all areas of the claim group are easily accessible. The highest point is the summit of Mt. Victoria at 6,136 feet. The valley bottom is at about 4,500 feet.

On the ridges the vegetation consists of alpine grasses with the occasional small stand of pine trees. The valley bottoms have alder bush and in places are very swampy.

1-4: HISTORY OF THE CLAIMS

The ROW 1-24 claims were staked on May 17, 1984 as a follow-up to a 1979 silt and soil reconnaissance sampling program (Figure 2). They were recorded on May 24th, 1984 and were given the grant numbers YA81968 to YA81991. The ROW 1-24 claims are wholly owned by Noranda Exploration Company, Limited (No Personal Liability). Upon acceptance of this report, the claims will be in good standing until November 24, 1988.

1-5: WORK PROGRAM

From June 26 to July 1, 1985 eighteen mandays were spent working on the ROW 1-24 claims.

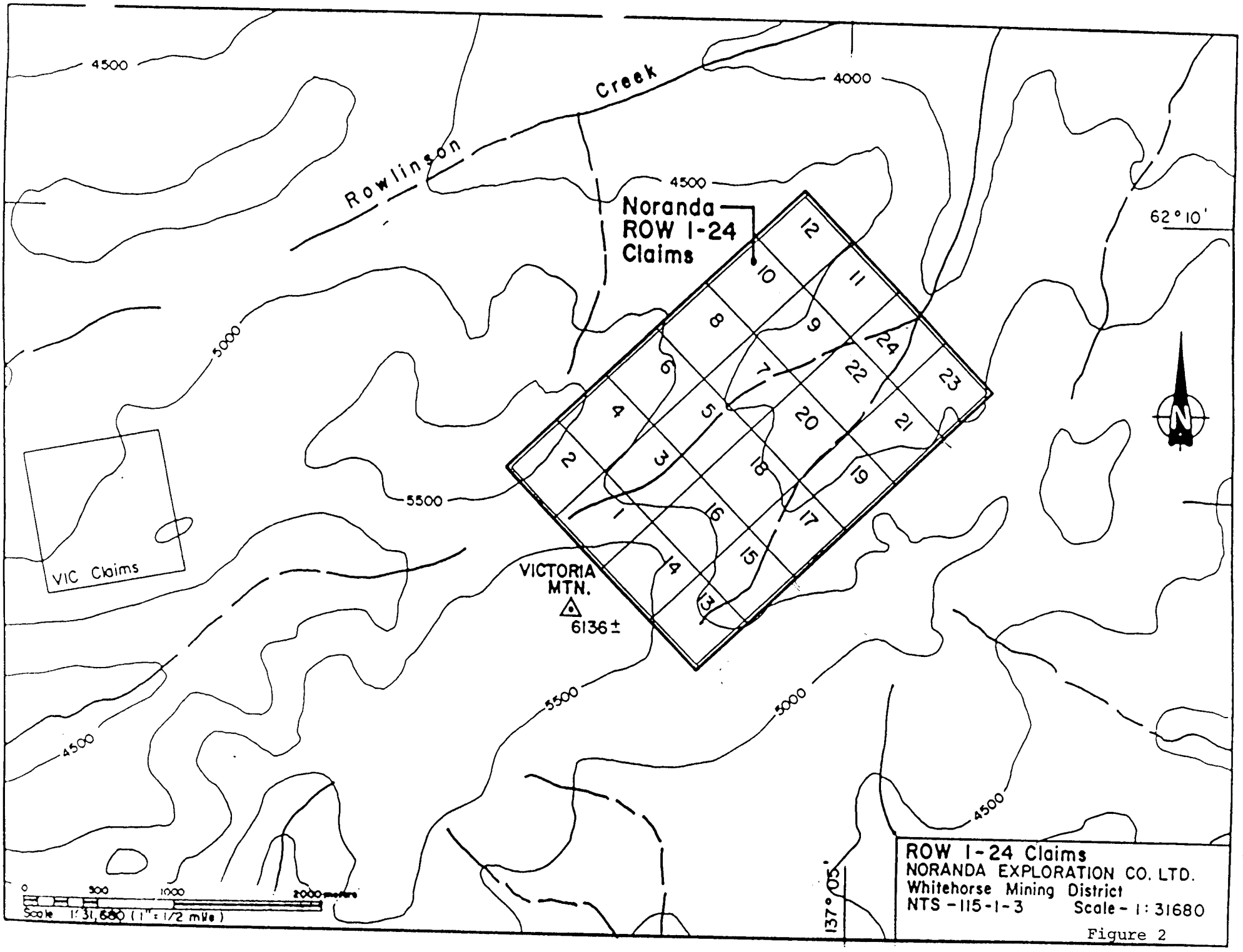

4500
4000
Rowlinson Creek
4500
Noranda
ROW 1-24
Claims
62°10'
5000
5500
VIC Claims
VICTORIA
MTN.
6136±
5500
5000
4500
4500
137°05'
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
N
0 300 1000 2000 meters
Scale 1:31,680 (1" = 1/2 mile)
ROW 1-24 Claims
NORANDA EXPLORATION CO. LTD.
Whitehorse Mining District
NTS - 115-1-3 Scale - 1:31680

Figure 2

The crew consisted of:

M.P. Webster	Party Chief
H. Copland	Senior Assistant
M. Cross	Junior Assistant

The work program entailed infilling and extending of the 1984 soil grid, hand and blast trenching, soil and rock sampling, detailed soil profile and geological mapping. A total of 420 soil, 24 silt and 18 rock samples were taken.

As follow-up work to this program, S.A. MacKenzie directed C and M Exploration of Whitehorse during October, 1985 in hand and blast trenching three anomalies found on the 1985 soil grid. Bedrock was not exposed in the seven exploration pits excavated during both work programs.

SUMMARY for 1985 WORK PROGRAM

		June	October	Total
Mandays		18	6	24
Samples:	Silt	24	0	24
	Soil	420	3	423
	Rock	12	5	17
	Total	456	8	464
Exploration pits		4	3	7
Grid lines		10.3 km		10.3 km

CHAPTER TWO: GEOLOGY

2-1: REGIONAL GEOLOGY

Most of the area is underlain by metamorphic rocks of the Yukon Group. Some isotope studies done in the area suggest that they are probably Paleozoic or Precambrian. According to Dirk Tempelman-Kluit (1974), regional metamorphism of these rocks is of upper green schist to middle amphibolite facies.

The Yukon Group Metasediments have been intruded by plutonic rocks ranging in age from the Mesozoic to the Tertiary. Of interest within the area adjacent to the ROW claims are Triassic(?) hornblende granodiorites, quartz diorites, syenites and porphyritic quartz monzonites (Bostock, 1936).

Although not seen on the claims themselves, the Eocene(?) Mt. Nansen group overlie the older rocks in the area. This group consists of felsic to intermediate volcanics.

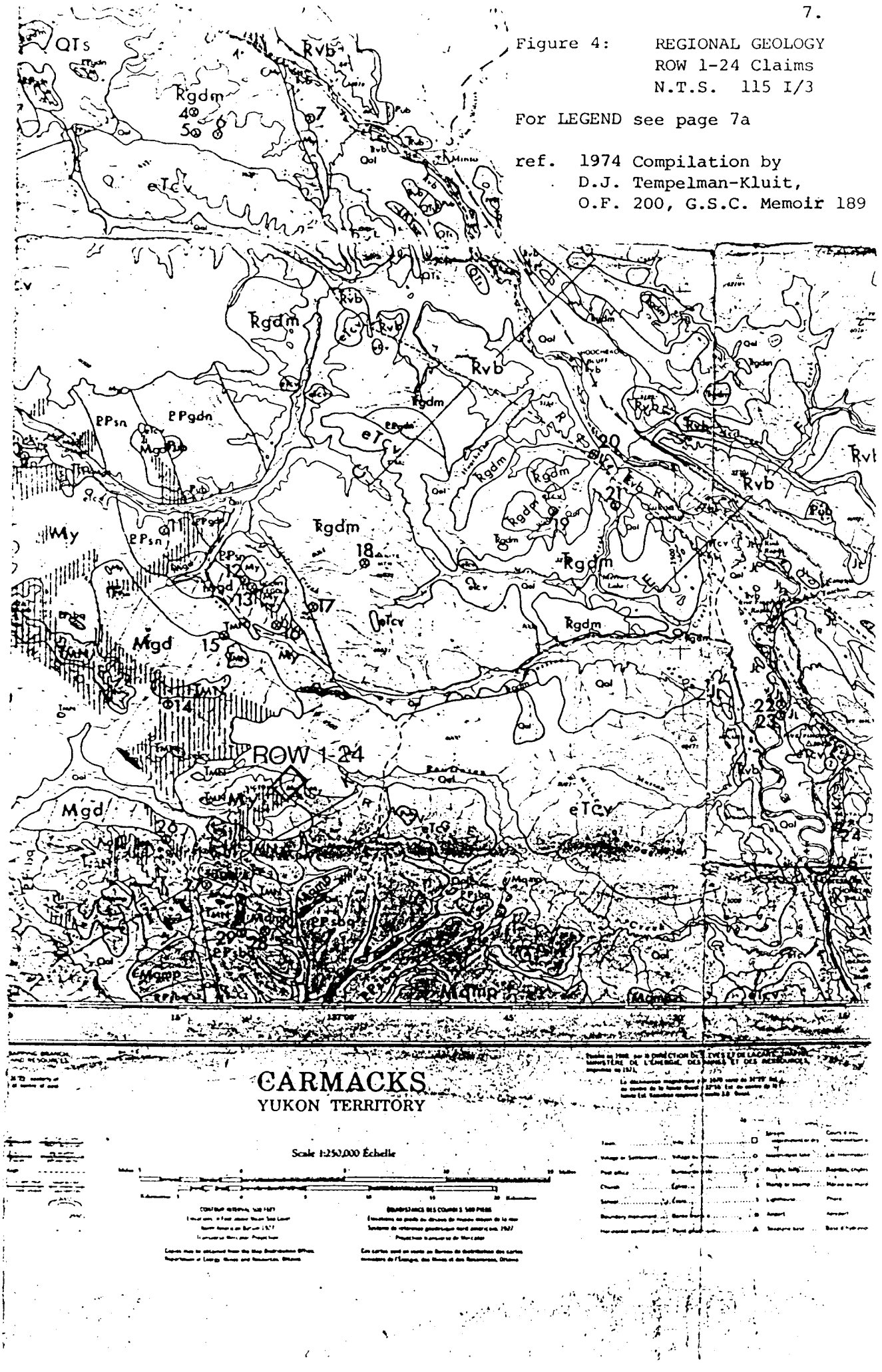
Unconformably overlying all other formations is the Carmacks Group of basalt and andesite flows and flow breccias (Bostock, 1936).

No glacial tills have been noted in the area, but the valley bottoms contain Quaternary alluvium.

Figure 4: REGIONAL GEOLOGY
ROW 1-24 Claims
N.T.S. 115 I/3

For LEGEND see page 7a

ref. 1974 Compilation by
D.J. Tempelman-Kluit,
O.F. 200, G.S.C. Memoir 189



LEGEND

CENOZOIC

RECENT

Qal ALLUVIUM:

PLEISTOCENE

QTs SELKIRK SERIES: Black, dark blue-green or brown augite basalt and andesite flows, breccias and tuffs.

EOCENE or YOUNGER

eTcv CARMACKS GROUP: Brown-weathering basalt and andesite flows and flow-breccias.

eTcg SANDSTONE AND CONGLOMERATE: Poorly indurated immature coarse conglomerate with minor brown-weathering andesitic tuff, tuffaceous sandstone, and carbonaceous shale.

EOCENE (?)

TMN MOUNT NANSEN GROUP: Black-weathering (blocky talus) dark green-grey, red or purple acid to intermediate aphanitic, massive tuff and tuff breccia.

Tfp FELDSPAR PORPHYRY: Medium- to fine-grained quartz porphyry, fine-grained granite porphyry or granophyre; may include Tgal undifferentiated. Where these rocks form numerous dykes and irregular bodies, they are represented by a lined pattern.

NISLING RANGE ALASKITE: Leucocratic, fine-grained miarolitic granite.

MESOZOIC

JURASSIC and CRETACEOUS
LOWER CRETACEOUS and/or UPPER JURASSIC

TKt TANTALUS FORMATION: Chert pebble conglomerate with interbedded sandstone and shale; minor coal.

LOWER and MIDDLE JURASSIC

Jl LABERGE GROUP: Poorly sorted, buff-weathering massive to thick bedded sandstone and conglomerate with interbedded tuff and shale.

Mgdb NISLING RANGE GRANODIORITE: Medium- to coarse-grained equigranular hornblende biotite granodiorite; mottled green and mauve. Contains diagnostic euhedral biotite. Ag

Mgd GRANODIORITE: Undifferentiated granodiorite and quartz monzonite. Includes Tgdm and Mqmp. Age unknown

TRIASSIC (?)

Mqmp PORPHYRITIC QUARTZ MONZONITE: Light grey or pinkish, coarse-grained, porphyritic (K-feldspar) biotite quartz monzonite. Age unknown

My SYENITE: Grey coarse-grained melanocratic, porphyritic (K-feldspar) syenite: may includ and Mqmp undifferentiated. Age unknown

Tgdm HORNBLENDE GRANODIORITE: Dark grey weathering, coarse-grained, equigranular biotite hornblende granodiorite to quartz diorite; generally shows foliation by alignment o mafics. Age uncertain

PROTEROZOIC and/or PALEOZOIC

TRIASSIC
UPPER TRIASSIC

TLRX LEWES RIVER GROUP: Massive, impure, grey limestone and undifferentiated brown-weathering tuffaceous sandstone and breccia.

Tvb MASSIVE GREEN VOLCANICS: Dark green, typically porphyritic epidotized basalt; minor flow breccia, argillite and tuff. Locally includes hornblende chlorite schist. Age u

PALEOZOIC and/or MESOZOIC

Pub DIORITE: Dark green, coarse-grained diorite, hornblende diorite, gabbro and pyroxenite, and altered equivalents.

PPsbq BIOTITE SCHIST: Brown-grey weathering quartz biotite schist and undifferentiated white or blue-grey, thin bedded, graphitic micaceous quartzite; minor banded gneiss, marble and skarn.

PPc MARBLE: Light grey to white, finely crystalline, thin bedded marble.

PPsn SCHIST GNEISS: Banded hornblende gneiss, and gometiferous amphibolite with chlorite quartz schist; minor graphitic schist.

PPgd PELLY GNEISS: Strongly foliated muscovite chlorite biotite granodiorite gneiss; minor augen gneiss; aplite and pegmatite dykes common.

2-2: PROPERTY GEOLOGY

The property is underlain by Precambrian Yukon Group biotite schist with some quartz sericite schistose and gneissic subunits. The southern half of the property consists largely of a Mesozoic probably Triassic intrusion comprised of hornblende diorite and monzonites. Andesite and basalt units, belonging to the Eocene Carmacks Volcanics, are the youngest rocks on the property (Figure 4).

The Yukon Group metasediments include fine-grained, light-grey to brown biotite schists with minor pyrite, granitic gneisses which are medium-grained and light grey-brown in colour, and muscovite-biotite-quartz-feldspar gneisses with well developed compositional banding. A fine to medium-grained sericitic quartzite occurs north of the biotite schist. The metasediments generally strike E-W with a horizontal or gentle dip to the south.

The G.S.C. has mapped the intrusion as being a "Triassic(?) grey coarse-grained melanocratic, porphyritic (K-feldspar) syenite" (Bostock, 1936). There are however, many phases within this intrusion, but the dominant phases appear to be green-grey feldspar porphyry monzonite and medium-grained hornblende diorite. Other phases include foliated hornblende granodiorite, pink biotite syenite, and possibly light grey brown, fine-grained felsic dykes. The intrusions seem to be in fault contact with the older metamorphic rocks in certain areas.

The youngest rocks on the property belong to the Eocene Carmacks Group. On the ROW claims, this is represented by a massive green grey weathering basalt with pyroxene phenocrysts at the north end of the property. The Carmacks volcanics unconformably overlie the Triassic intrusions and Yukon Group metasediments.

TABLE 1

TABLE OF FORMATIONS

PERIOD	FORMATION	DESCRIPTION
Eocene	Carmacks Group	massive green grey weathering basalt with pyroxene phenocrysts
Triassic(?)		green-grey, feldspar porphyry monzonites and medium-grained hornblende diorites
Paleozoic or Precambrian	Yukon Group	Biotite schists; light grey-brown, muscovite-biotite-quartz-feldspar gneisses with well developed compositional banding; minor sericite-quartzites

CHAPTER THREE: GEOCHEMISTRY

A total of 464 samples were taken for geochemical analysis. Four hundred twenty-three soil samples were taken over 10.3 kilometres of grid lines and from soil profiles mapped in seven trenches. Seventeen rock samples were taken from talus at the base of the trenches and during mapping traverses. Twenty-four silt samples were taken and the geochemistry statistics were compiled by Noranda's computing section in Vancouver for the soil samples (Table 2). The soil and silt samples were analysed in Vancouver for Cu, Pb, Zn, Mo, As, Ag and Au using a perchloric-nitric acid decomposition and Atomic Absorption analysis methods.

3-1: STREAM SAMPLING PROGRAM

The two creeks draining the NE side of Mt. Victoria were sampled in an attempt to better define the 1979 and 1984 anomalies. Generally the silts were coarse with a minor fine silt fraction. The highest silt values were 44 ppm As/130 ppm Zn in S-35385 and 30 ppb Au in S-35394 (Figure 6).

3-2: SOIL SAMPLING PROGRAM

A one kilometre long baseline trending 135^{o} was established on the property in 1984. In 1985, the baseline was extended 200 metres to the east

and west and grid lines were run perpendicular to this at 100 metre intervals. The soil sample interval was 25 metres and a total of 405 soil samples were taken to complete the 1.0 x 1.2 square km grid. Residual soil development is generally good and most soils were taken from the B1 or B2 horizon above the permafrost layer. A layer of White River volcanic ash was found over most of the soil grid immediately below the A2 organic layer. Soil samples were taken below this ash horizon.

The highest copper value on the soil grid was found on L-26+50N, 24+25E and ran 140 ppm cu. The remainder of the samples ran less than 75 ppm Cu. A coincident Ag-Pb-Zn anomaly was located on L-31+00N, 16+00 to 17+25E. The values ranged from 120 to 240 ppm Pb, 1.0 to 1.2 ppm Ag and up to 440 ppm Zn. The anomaly trends west with values up to 200 ppm Pb and 190 ppm Zn occurring on L-32+00N, 16+00 to 16+25N. Zinc anomalies ranging from 130 to 320 ppm Zn and 92 to 600 ppm Zn occur on L-26+00N, 17+50 to 19+75E and L-25+00N, 16+25 to 19+25E respectively with slight lead/silver anomalies within these parameters. Lead ranges from 150 to 300 ppm Pb with up to 0.8 ppm Ag on L-25+00N at stations 18+00 and 18+25E. On L-26+00N at stations 17+50 and 17+75E, lead ranges from 100 to 120 ppm Pb with low silver values of 0.4 ppm Ag. No significant molybdenum or gold anomalies were found and only isolated arsenic anomalies ranging up to 20 ppm As were located on L-27+00N, 21+00E and L-31+00N, 24+50E.

The seven best soil geochemical anomalies were trenched (including 1984 soil targets) and the results of this program are discussed in the Trenching

Program (section 3-3) of this report.

The soil samples were analysed for Cu, Pb, Zn, Mo, Ag, As and Au by the Noranda laboratory in Vancouver. Table 2 is a summary of statistical data. Threshold values are calculated by adding the logarithmic mean and one standard deviation. The secondary threshold value represents an area of enrichment in geochemical metal values, rather than an actual statistical anomaly which is usually calculated to be two standard deviations above the mean.

TABLE 2

STATISTICAL SUMMARY OF SOIL SAMPLES

	Cu	Pb	Zn	Ag	Mo	As	Au
Range (ppm)	2-140	1-300	14-600	0.2-3.0	1-14	1-22	10-20
Log mean (ppm)	19.5	9.9	67.7	0.24	1.0	1.2	10.1
Log Stand. Dev.	.218	.461	.219	.188	.095	.255	.032
Threshold (ppm)	53.22	82.73	185.61	0.57	1.55	3.88	11.70
Secondary Threshold	32.21	28.62	112.10	0.37	1.25	2.16	10.87

Threshold = antilog (log of logarithmic mean + 2x logarithmic std. dev.)

Secondary Threshold = antilog (log of logarithmic mean + logarithmic std. dev.)

3-3: TRENCHING PROGRAM

Seven trenches were excavated by hand and blasting during the June and October, 1985 exploration programs. The trenches are located as follows:

Trench	Line	Station	Soil Anomaly (ppm)	Samples
#1	20+00E	20+75N	130 Zn, 1.0 Ag	P70876-82
#2	26+00E	17+50N	320 Zn, 0.4 Ag, 120 Pb	P70883-85, R70886-88
#3	26+00E	16+50N	3.0 Ag	P70890-91, R70889
#4	28+00E	21+00N	1.0-1.4 Ag	P70892-94
#5	25+00E	18+00N	600 Zn, 0.8 Ag, 300 Pb, 8 As	P70458, R70457, 59
#6	29+00E	18+25N	2.2 Ag	P70462, R70460-61
#7	31+00E	17+00N	270 Zn, 1.2 Ag, 240 Pb	P70464, R70463

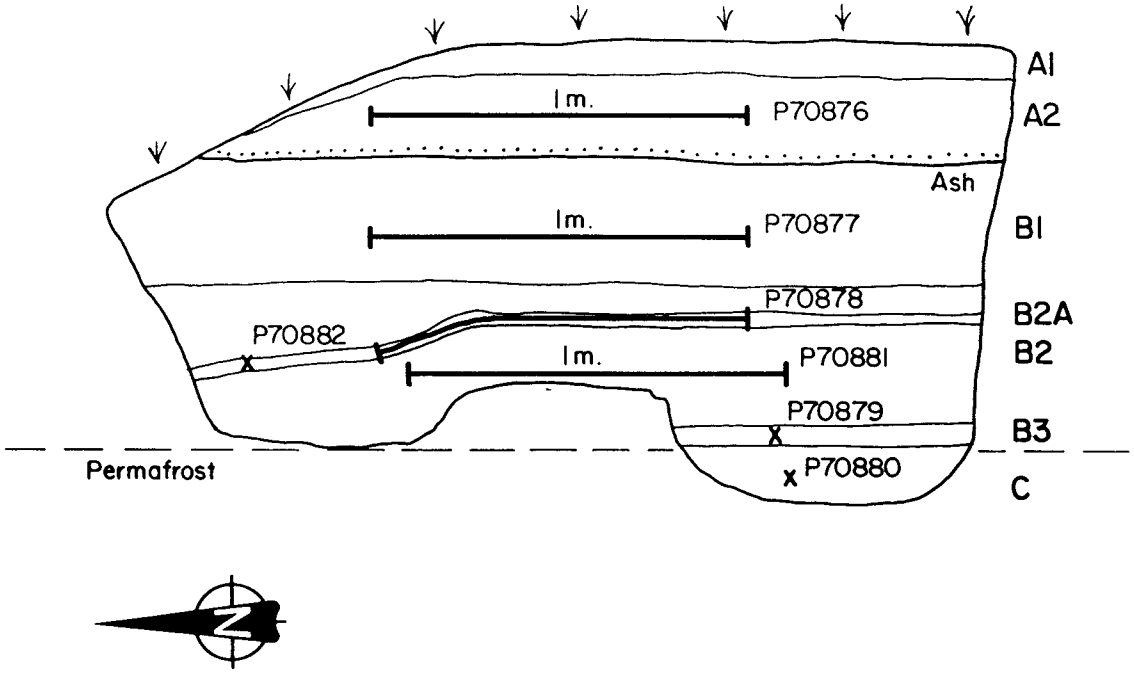
Soil profiles and sample locations are plotted on Figures 5a-5d and Figure 6.

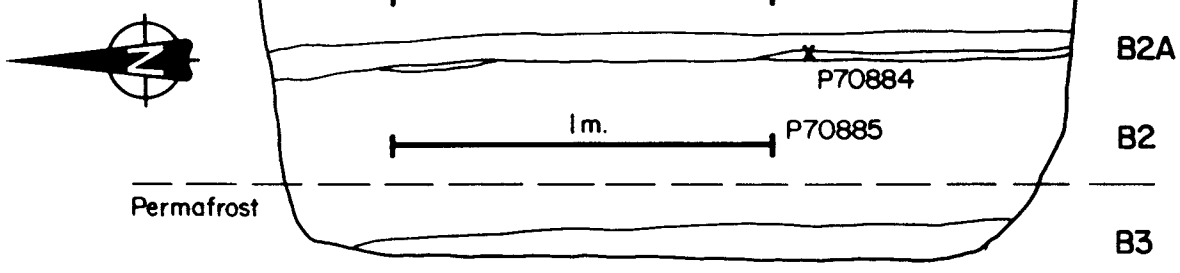
A thin layer of white volcanic ash is frequently found at the base of the A soil horizon and sampling was done in general below this level. The soil horizons are described below.

DEPTH (cm)	SOIL HORIZON	DESCRIPTION
0-20	A1	black organics, minor sand, 80% organic matter, 10% clay, 10% sand, moist, sand particles subangular, medium to fine-grained, organic stain, abundant roots, loose packed, porous
10-40	A2	black-brown, 60% organic matter, <5% rounded, gravels 1-3 cm diameter, 25% brown-black sands, most hair-like roots terminate at base of this horizon, loose packed, moist, porous
20-60	B1	medium brown, 40% clay, 40% sand, 15% organic matter/ roots, <5% rounded gravels, water saturated, moderately compact, semi-porous

DEPTH (cm)	SOIL HORIZON	DESCRIPTION
60-100	B2	medium brown, 50% clay, 40% sand, 10% organic matter, 10% gravel, water saturated, compact, angular rock fragments 2 cm x 3 cm, schist and clay altered diorite, local invasion of permafrost, semi-porous
50-56 70-76	B2A	red to brown-black, irregular boundaries, iron oxides, fine-grained sands and clays, minor organic matter, no visible sulphides, saturated, friable to compact
90-110	B3	medium brown to reddish (as B2) except slight colour change
>110	C	light grey, 50% clay, 40% sand, 1% organics, minor gravels, 3 cm x 3 cm angular rock fragments, permafrost, compact, semi-porous, water saturated or melting

In Trench #1, a slight zinc-silver anomaly which ranges from 160 ppm to 200 ppm Zn and 0.4 ppm to 1.0 ppm Ag was found in the lower A and B soil horizons (P70876-79). Trench #2 carried up to 160 ppm Zn in horizon B2 and the remainder of analyzed elements were not anomalous. Trench #3 recovered weak Zn-Pb anomalies in two samples taken from A1 and B2 soil horizons which ran 180 ppm Zn and up to 180 ppm Pb (P70890-91). Trench #4 has moderate Pb-Zn anomalies in the B1 and B2 soil horizons which ran up to 210 ppm Zn and 330 ppm Pb (P70892-93). Trench #5 ran up to 354 ppm Zn, 16 ppm As and 0.4 ppm Ag in soil sample P70458 and up to 204 ppm Zn in rock sample R70457 taken from intrusive float material at the bottom of the trench. Trench #6 recovered no significantly anomalous results from the two rock samples and one soil sample taken. Trench #7 ran up to 362 ppm Zn and 218 ppm Pb in soil sample P70464 taken from the bottom of the trench.





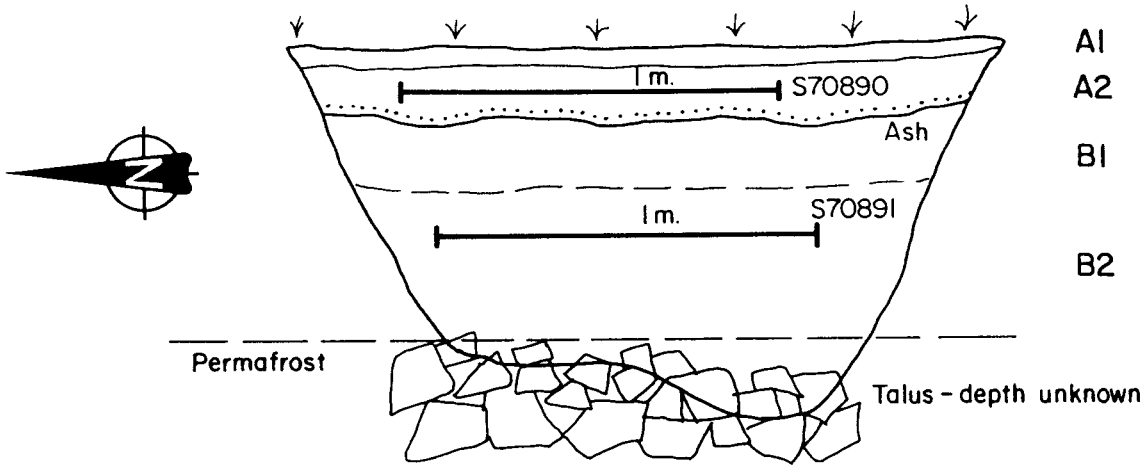
Rock Samples 70886-88 taken from float boulders at bottom of trench.

ROW 1-24 Claims

Fig. 5a – Trench 1
Line 20 00E – 20.75N
Facing East

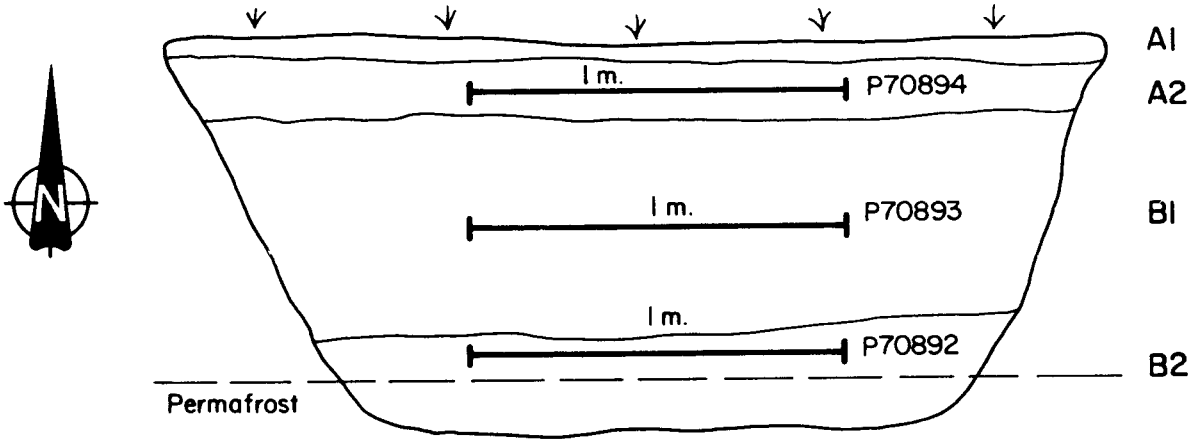
0 20 40 60 80 100 cm.
Scale 1:20

Fig. 5b – Trench 2
Line 26 00E – 17 50N
Facing East



Rock Sample 70889 taken from float boulders at bottom of trench.

Fig. 5c - Trench 3
Line 26 00E - 16 50N
Facing East



ROW 1-24 Claims

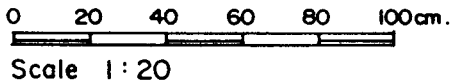


Fig. 5d - Trench 4
Line 28 00N - 21 00E
Facing North

CHAPTER FOUR: MINERALIZATION

The two modes of weak mineralization described in 1984 as galena-chalcopyrite sulphides within a biotite schist roof pendant and hematite-pyrite-galena within narrow shear zones were resampled. The "roof pendant" contains a 1 metre square zone of quartz breccia with angular quartz fragments and abundant quartz stringers. Limonite and Fe-Mn oxides coat and fill small vugs with very few visible sulphides; this sample (R-35397) ran 450 ppm Cu, 56 ppm Pb, 2.6 ppm Ag and 10 ppb Au (Figure 6). Three narrow shear zones mapped along the central north draining creek on the property returned only very low base and precious metal values (R-70895-97). One float sample (R-35386) of limonite stained glassy quartz ran 0.6 ppm Ag, 28 ppm As and 250 ppb Au. One quartz vein was resampled (R-70898), but was again proven to be barren in base and precious metals.

Float samples of biotite-schist (R-70886-89) taken from the bottom of trenches 2 and 3 proved slightly anomalous in zinc with values ranging from 140 to 210 ppm Zn but the remainder of elements analyzed in these samples were subanomalous.

CHAPTER FIVE: CONCLUSIONS AND RECOMMENDATIONS

The ROW 1-24 claims have been extensively soil and silt sampled. Coincident Pb-Zn-Ag and isolated Ag anomalies have been hand and blast trenched without reaching bedrock or identifying an immediate source of these anomalies. No significant gold anomalies were located in soil, silt or outcrop rock samples taken during the 1984 and 1985 work programs. One quartz float boulder ran 250 ppb Au, however a source has not yet been identified on or in close vicinity to the claim block. Overburden on the property is >2 metres deep and permafrost occurs at depths as shallow as 1.0 metres. Trenching by backhoe or small cat may be the next exploration step, however at this time no further work is recommended on the property.

Respectfully submitted,

Mary P. Webster
Field Geologist

VICTORIA MOUNTAIN PROJECT 98

STATEMENT OF COST

June		
Labour	18 mandays x $120 per day	2,160.00
Food and Accommodation	18 x $30 per day	540.00
Vehicles		
Truck Rental/gas		678.43
Helicopter		1,106.00
Geochem Costs		
Soils	420 x 8.50	3,570.00
Silts	24 x 8.50	204.00
Rocks	12 x 10.00	120.00
Data Entry	456 x 1.10	501.60
Shipping costs		312.42
October		
Labour/blasting supplies		1,594.96
Geochem Costs		
Soils	6 x 8.50	51.00
Rocks	3 x 10.00	30.00
Data Entry	9 x 1.10	9.90
Shipping costs		50.00
Report writing & drafting		480.00
	TOTAL COST	$7043.65

STATEMENT OF QUALIFICATIONS

I, Mary P. Webster, of the City of Whitehorse, Yukon Territory do hereby certify that:

1. I have been employed as a Geologist by Noranda Exploration Company, Limited (No Personal Liability) since May 1984.

2. I am a graduate of McMaster University, Hamilton, Ontario with a B.Sc. in Geology.

3. I am a member of the Prospector's and Developers Association and the B.C. and Yukon Chamber of Mines.

4. I supervised and carried out part of the work described in this report.

Mary P. Webster
Field Geologist
Noranda Exploration Co. Ltd.
(No Personal Liability)

REFERENCES

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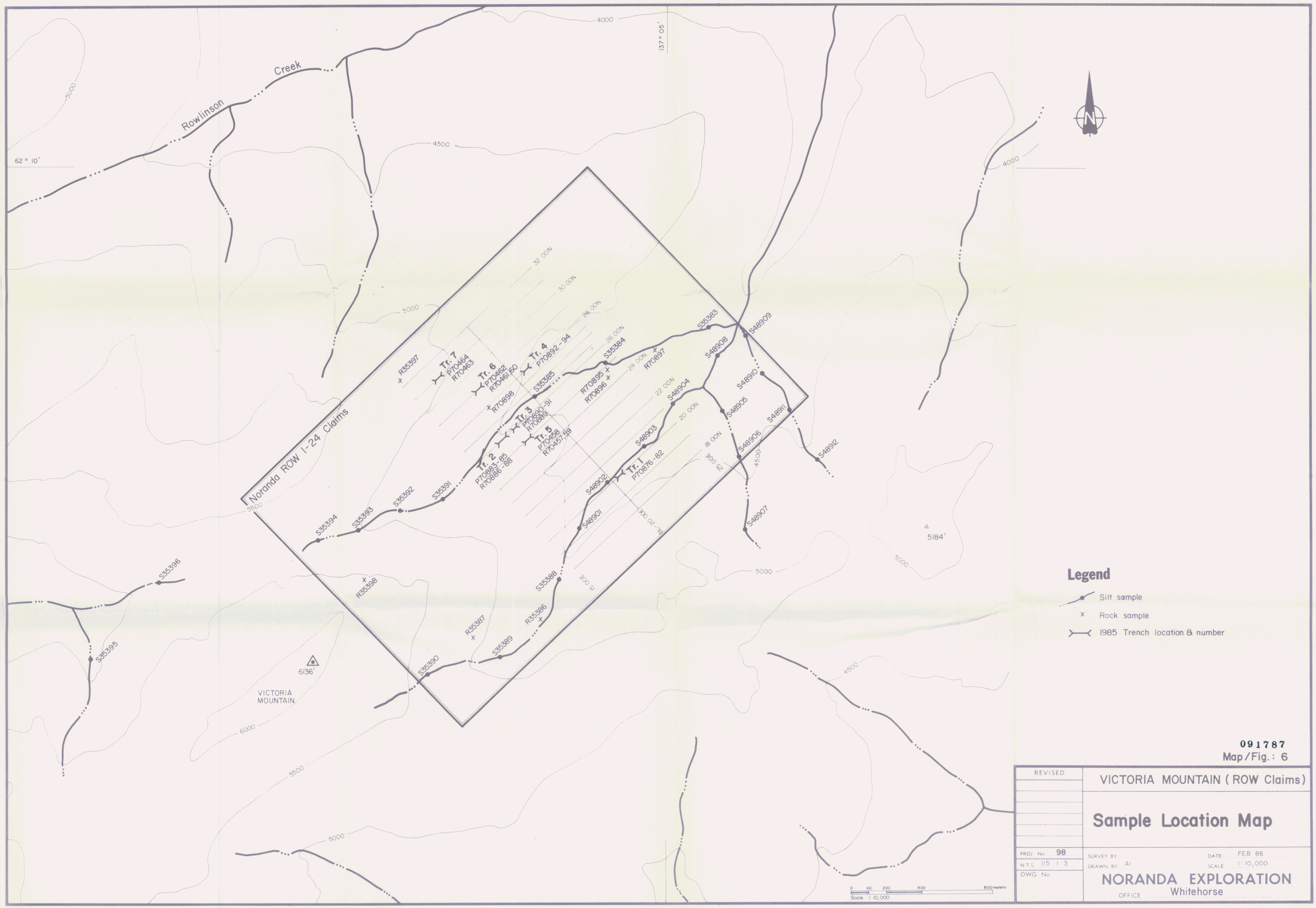
Rowlinson Creek
62° 10'
137° 05'
4000
4500
5000
5500
6000
Noranda ROW 1-24 Claims
32 00N
30 00N
28 00N
26 00N
24 00N
22 00N
20 00N
18 00N
Basalt dyke
Talus
Longrass/Lichen
Tallgrass/Bushes
Grass, Low Brush, Cariboo moss cover
Tall Grass, Bush cover
Creek forms approx contact between units 1,2 inclusions of unit 2 in Paleozoic schists
Large boulders possible outcrop
Qtz float
Qv
5184'
6136'
VICTORIA MOUNTAIN
Legend
EOCENE and YOUNGER
3 Carmacks Group Volcanics: Brown weathering (a) basalt, (b) andesite flows and flow-breccias, (c) diabase dykes
TRIASSIC and JURASSIC
2 Undifferentiated green and brownish pink porphyritic quartz monzonite and syenite ± granodiorite.
(a.) hornblende granodiorite – foliated.
MESOZOIC and/or PALEOZOIC
1 Biotite schist – often grading to granitic gneiss – cut by numerous quartz veins at various orientations.
(a.) micaceous quartzite
Symbols
Outcrop
Geological contact; defined, assumed
Shear
Bedding ; strike & dip
Foliation ; " "
Jointing ; " "
Shear foliation
Scale 1:10,000
0 100 200 400 800 meters
091787
Map/Fig.: 4
REVISED
VICTORIA MOUNTAIN (ROW Claims)
Geology
PROJ. No. 98
N.T.S. 115 I 3
DWG. No.
SURVEY BY
DRAWN BY AI
DATE FEB 86
SCALE 1:10,000
NORANDA EXPLORATION
OFFICE Whitehorse

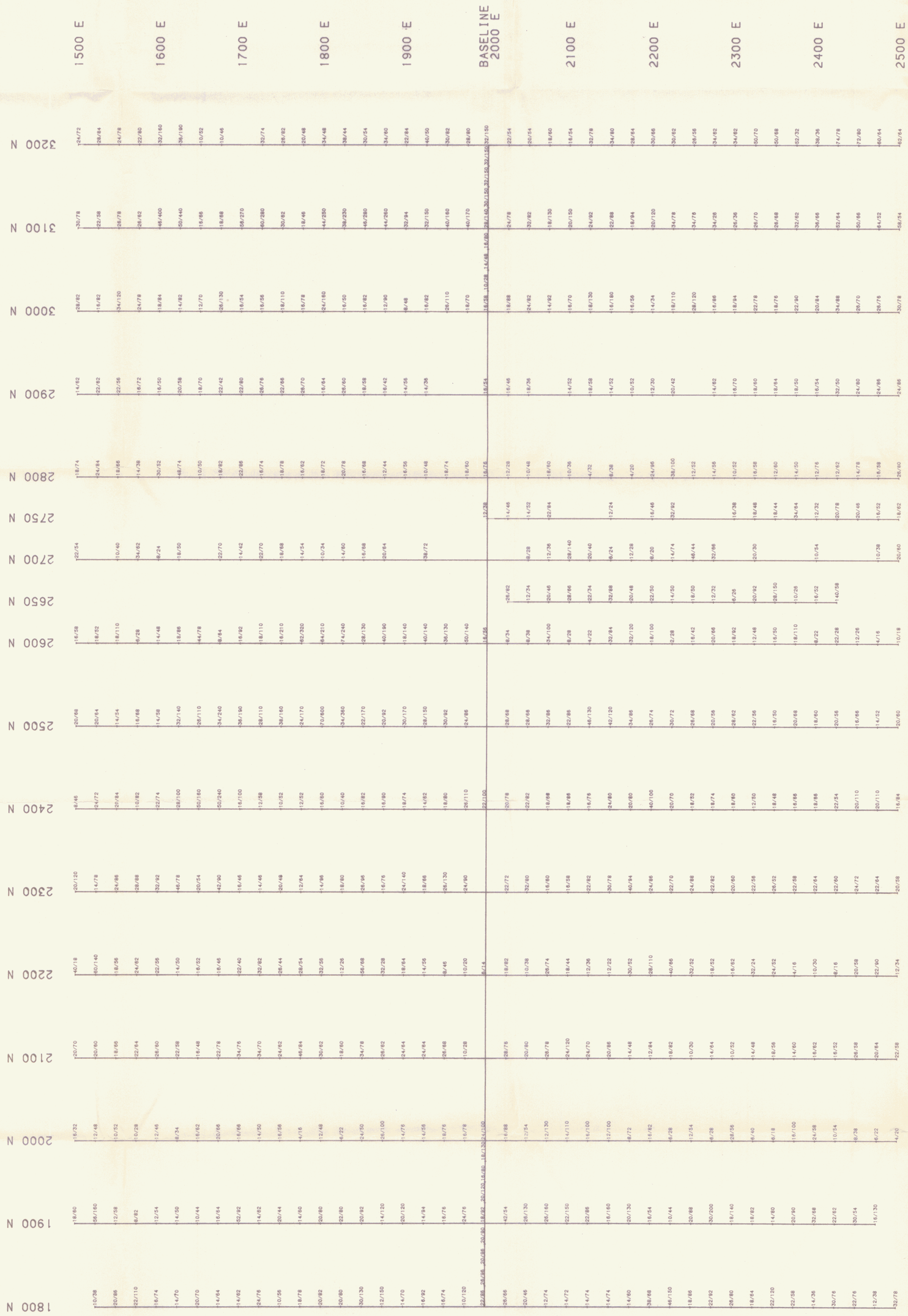


Legend

- Silt sample
- Rock sample
- 1985 Trench location & number

091787
Map/Fig.: 6

REVISED	VICTORIA MOUNTAIN (ROW Claims)
	Sample Location Map
PROJ. No. 98	SURVEY BY
N.T.S. 115 I 3	DRAWN BY AI
DWG. No.	DATE: FEB 86
	SCALE: 1:10,000
	NORANDA EXPLORATION
	OFFICE Whitehorse



091787

Map / Fig. : 7

REVISED

MOUNT VICTORIA

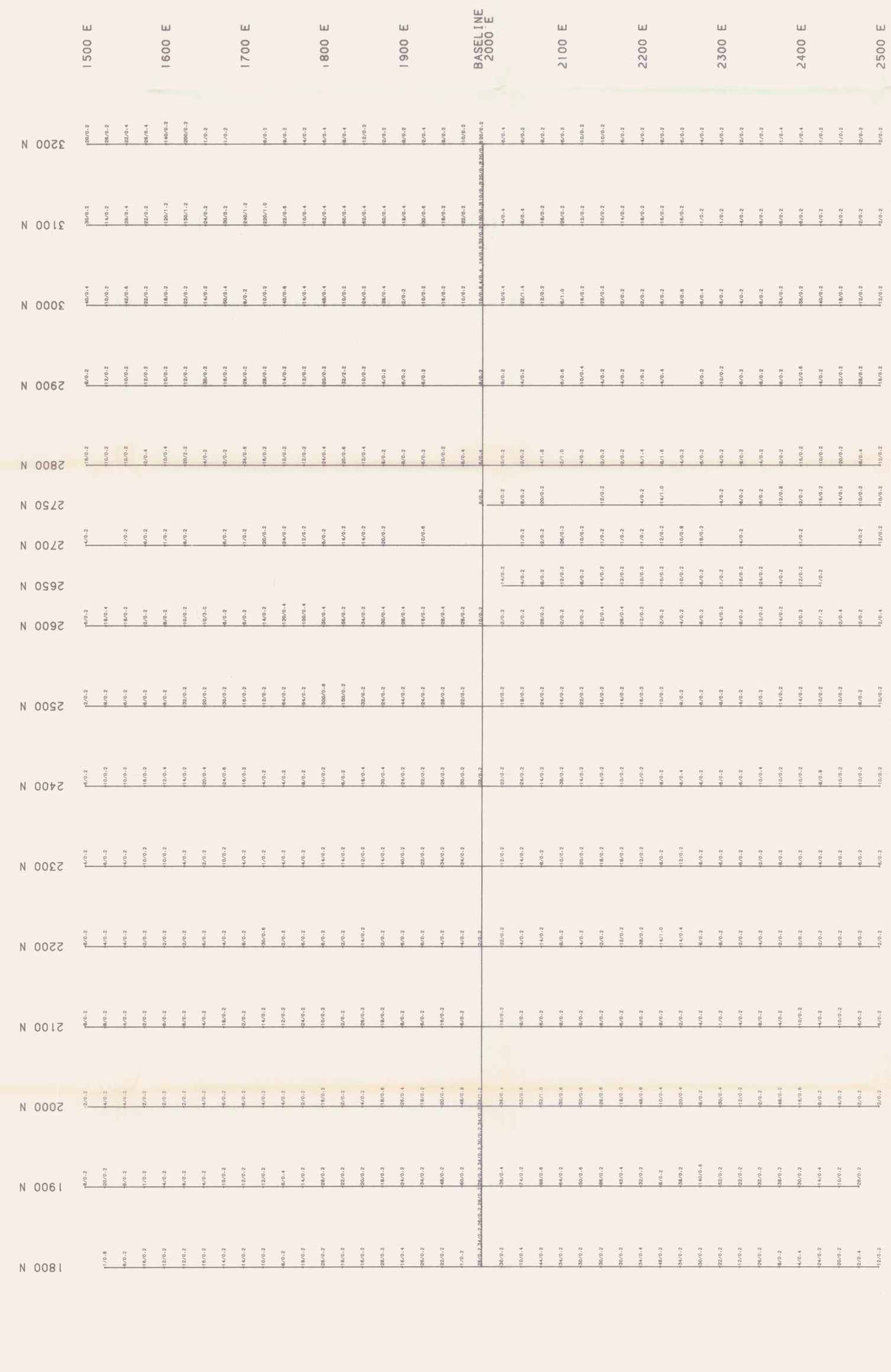
SOIL GEOCHEMISTRY CU, ZN IN PPM.

PROJ. No. 850698
N.T.S.
DWG. No.

SURVEY BY: M.W. DATE: FEB. 07, 1986.
DRAWN BY: EDP/VAN SCALE: 1:2500

NORANDA EXPLORATION

OFFICE: WHITEHORSE



091787
Map/Fig. : 8

REVISED
PROJ. No. 850698
N.T.S.
DWG. No.

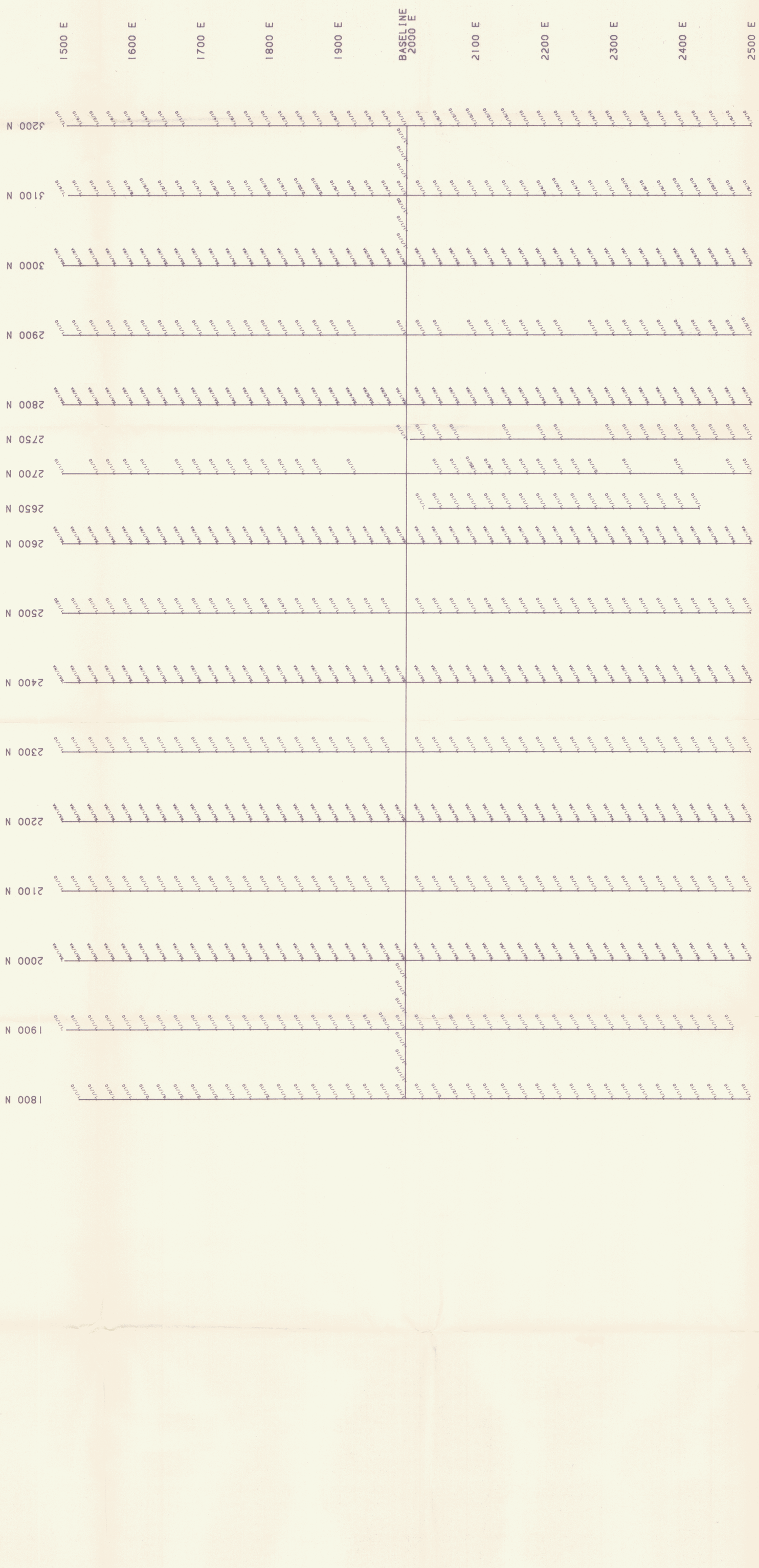
MOUNT VICTORIA

SOIL GEOCHEMISTRY PB, AG IN PPM.

SURVEY BY: M.W. DATE: FEB. 02, 1986.
DRAWN BY: EDP/VAN SCALE: 1:2500

NORANDA EXPLORATION

OFFICE: WHITEHORSE



091787

Map/Fig.: 9

REVISED

MOUNT VICTORIA

SOIL GEOCHEMISTRY
MO, AS IN PPM. AU IN PPB.

PROJ. No. 850698
N.T.S.
DWG. No.

SURVEY BY: M.W. DATE: FEB. 07, 1986.
DRAWN BY: EDP/VAN SCALE: 1:2500

NORANDA EXPLORATION

OFFICE: WHITEHORSE

APPENDIX A

ROCK SAMPLE DESCRIPTIONS

APPENDIX A

ROCK SAMPLE DESCRIPTIONS

SAMPLE NO.	TYPE	DESCRIPTION
R-35386	Grab Float 5x3x2 cm	White, glassy quartz with minor limonite filled vugs 0.5 cm diam., 5% blebby to dissem. py, Fe-Mn stain on surface
R-35387	Grab Float	Metamorphosed chlorite, dark green to tan horn-felsic, chl. alteration, 5-10% mt, relic feldspar crystals up to 1 cm long
R-35397	Grab	Quartz breccia 1 m x 1 m in biotite schist, white to light grey angular quartz fragments, qtz stringers, strong limonite and Fe-Mn oxides infilling 1 cm vugs. Country rock chl. altered diorite.
R-35398	Grab	Biotite-schist: up to 20% blebs and disseminated pyrite. Iron oxide stains, 20% quartz, 10% biotite. Moderate foliation, and cross-cutting quartz stringers.
R-70886	Grab Float Trench 2	Biotite Schist: chlorite alteration up to 40%, chl laths up to 1 cm long, 10% epidote, up to 5% po, 5% hematite, 5% pyrite dissem.
R-70887	Grab Float Trench 2	Diorite chlorite rich up to 20%, 10% dissem. py, 5% po, Fe-Mn stain, medium-grained
R-70888	Grab Float Trench 2	Rock-Soil sample from below permafrost layer. Rock fragments 1-10 cm diam. Biotite schist, chl rich with minor py, Fe-Mn stain dominant. Soil grey green fine with weathered intrusive probably dioritic fines. No visible sulphides.
R-70889	Grab Float Trench 3	Rock-Soil sample as R-70888.

SAMPLE NO.	TYPE	DESCRIPTION
R-70895	Grab	Shear Zone in Quartz-Seracite schist, 2% hematite, minor py, limonite and clays up to 15% across .8 m wide zone.
R-70896	Grab	As R-70895, minor fine-grained grey sulphide in qtz vugs, possibly py.
R-70897	Grab	Shear Zone in Biotite schist, Fe oxides and Mn stain, minor py zone 0.8-1.0 m wide, chl along margins 1.0 cm wide.
R-70898	Grab L28+00N 17+75E	Q.V. white, massive quartz in biotite schist 0.2-0.5 m wide, length <5 m, <1% dissem py and minor hematite stain

APPENDIX B

GEOCHEMICAL RESULTS

APPENDIX B: GEOCHEMICAL RESULTS
ROW 1-24 Claims

SAMPLE NO.	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Mo ppm	As ppm	Au ppb
25N-15.0E	20	68	2	.2	1	1	20
15.25	20	64	8	.2	1	1	10
25N-15.5E	14	54	6	.2	1	1	10
32N-25.0E	62	64	2	.2	1	4	10
48901	24	90	14	.2	1	1	10
48902	26	76	16	.2	1	1	10
48903	18	74	16	1.2	8	56	10
NL-5	26	68	74	.2	1	1	10
48904	24	82	10	.2	1	1	10
48905	22	70	4	.2	1	1	10
48906	22	52	8	.2	1	1	10
48907	20	64	4	.2	1	1	10
48908	20	74	6	.2	1	1	10
48909	30	72	26	.2	1	1	10
48910	26	90	16	.2	1	1	10
48911	26	88	18	.2	1	1	10
48912	26	90	18	.2	1	4	10
35383	38	120	20	.2	1	40	10
35384	36	130	20	.2	1	40	10
35385	34	130	18	.2	1	44	10
35386	90	16	12	.6	1	28	250
35387	28	80	1	.2	1	2	10
35388	22	64	4	.2	1	12	10
35389	24	90	8	.2	1	12	10
35390	24	90	4	.2	1	8	10
35391	14	60	2	.2	1	1	10
35392	16	56	4	.2	1	1	10
35393	14	58	2	.2	1	1	10
35394	20	78	6	.2	1	8	30
35395	24	120	4	.2	1	18	10
35396	26	80	2	.2	1	1	10
35397	450	66	56	2.6	44	120	10
35398	14	12	1	.2	4	12	10
70876	22	170	72	1.0	1	8	10
70877	20	180	80	1.0	1	10	10
70878	20	160	170	.6	1	6	10
70879	26	200	120	1.0	1	10	10
70880	18	140	44	.4	1	1	10
70881	18	170	64	.8	1	2	10
70882	28	180	200	.8	1	30	10
70883	56	130	6	.2	1	1	10
70884	22	58	2	.2	1	1	10
70885	44	160	4	.2	1	4	10
70886	12	140	2	.2	2	2	10
70887	14	150	2	.2	2	2	10
70888	10	140	2	.2	2	2	10
70889	40	210	4	.2	1	2	10
70890	18	120	68	.2	1	1	10
70891	20	180	180	.2	1	1	10
70892	34	180	330	.4	1	1	10
70893	30	210	170	.2	1	1	10
70894	22	180	54	.2	1	1	10
70895	8	42	4	.2	1	2	10
70896	14	52	4	.2	1	2	10
70897	10	28	6	.2	1	2	10
70898	18	26	1	.2	2	2	10

NORANDA VANCOUVER LABORATORY

****

PROPERTY/LOCATION: Mt. Victoria — CODE: 8507-027

Project No. : 398 — Sheet: 1 — Date rec'd: July 4

Material : S&S ; Rock — Geol.: M.W. — Date compl: July 24

Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
2	18N-15.25E	10	38	1	0.8	1	1	10
3	15.50	20	86	6	0.2	1	1	10
4	15.75	22	110	16	0.2	1	2	10
5	16.00	16	74	12	0.2	1	1	10
6	16.25	14	70	12	0.2	2	1	10
7	16.50	20	70	16	0.2	4	1	10
8	16.75	14	64	14	0.2	2	1	10
9	17.00	14	62	14	0.2	2	1	10
10	17.25	24	76	10	0.2	2	1	10
11	17.50	10	56	8	0.2	1	1	10
12	17.75	18	78	18	0.2	1	1	10
13	18.00	20	82	28	0.2	2	1	10
14	18.25	20	80	18	0.2	1	1	10
15	18.50	30	130	16	0.2	1	1	10
16	18.75	12	150	28	0.2	1	1	10
17	19.00	14	70	16	0.4	1	1	10
18	19.25	16	92	26	0.2	1	1	10
19	19.50	16	74	22	0.2	1	1	10
20	19.75	10	120	1	0.2	1	1	10
21	20.00	22	86	28	0.2	1	1	10
22	20.25	26	66	30	0.2	1	1	10
23	20.50	20	46	10	0.4	2	1	10
24	20.75	12	74	44	0.2	1	2	10
25	21.00	14	72	34	0.2	1	1	10
26	21.25	14	74	30	0.2	1	1	10
27	21.50	14	74	30	0.2	1	1	10
28	21.75	14	60	30	0.2	1	1	10
29	22.00	38	68	34	0.4	1	1	10
30	22.25	46	150	48	0.2	1	1	10
31	22.50	18	86	34	0.2	1	1	10
32	22.75	22	92	30	0.2	1	1	10
33	23.00	26	80	22	0.2	1	1	10
34	23.25	18	64	12	0.2	1	1	10
35	23.50	22	120	26	0.2	1	1	10
36	23.75	22	58	8	0.2	1	1	10
37	24.00	14	36	4	0.4	1	1	10
38	24.25	30	76	24	0.2	1	1	10
39	24.50	22	76	20	0.2	1	1	10
40	24.75	12	38	2	0.4	1	1	10
41	18N-25.00E	32	78	12	0.2	1	1	10
42	19N-15.00E	18	60	8	0.2	1	1	10
43	15.25	56	160	20	0.2	1	1	I.S.
4	15.50	12	58	6	0.2	1	1	10
45	15.75	8	82	1	0.2	1	1	10
46	16.00	12	54	4	0.2	1	1	10
47	16.25	14	50	6	0.2	1	1	10
48	16.50	10	44	4	0.2	1	1	10
49	19N-16.75E	16	64	10	0.2	1	1	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
50	19N-17.00E	52	92	12	0.2	1	1	10
51	17.25	14	62	12	0.2	1	1	10
52	17.50	20	44	6	0.4	1	1	I.S.
53	17.75	14	60	14	0.2	1	1	10
54	18.00	20	80	28	0.2	1	1	10
55	18.25	22	80	22	0.2	1	1	10
56	18.50	20	92	20	0.2	1	1	10
57	18.75	14	120	18	0.2	1	1	10
58	19.00	20	120	24	0.2	1	1	10
59	19.25	14	94	34	0.2	1	1	10
60	19.50	16	76	48	0.2	1	2	I.S.
61	19.75	24	76	60	0.2	1	12	10
62	20.00	18	92	28	0.2	1	1	10
63	20.25	42	54	36	0.4	1	1	10
64	20.50	26	130	74	0.2	1	1	10
65	20.75	26	160	88	0.6	1	1	20
66	21.00	22	150	64	0.2	1	1	10
67	21.25	22	86	50	0.6	1	1	10
68	21.50	16	160	86	0.2	1	1	10
69	21.75	20	130	42	0.4	1	1	10
70	22.00	16	54	32	0.2	1	1	10
71	22.25	10	44	8	0.2	1	1	10
72	22.50	20	88	38	0.2	1	1	10
73	22.75	30	200	140	0.6	1	1	10
74	23.00	18	140	52	0.2	1	1	10
75	23.25	18	82	22	0.2	1	1	10
76	23.50	14	80	32	0.2	1	1	10
77	23.75	20	90	38	0.2	1	1	10
78	24.00	32	68	30	0.2	2	1	10
79	24.25	22	62	14	0.4	1	1	10
80	24.50	30	54	10	0.2	1	1	10
81	19N-24.75E	16	130	26	0.2	1	1	10
82	20N-18.25E	26	96	34	0.2	1	1	10
83	18.50	20	96	26	0.2	1	1	10
84	18.75	20	90	28	0.2	1	1	10
85	19.25	20	120	34	0.2	1	1	10
86	19.50	16	80	30	0.2	1	1	10
87	20N-19.75E	18	130	34	0.2	1	1	10
88	20N-30.25E	10	28	4	0.4	1	1	10
89	30.50	14	48	14	0.2	1	1	10
90	30.75	16	80	32	0.2	1	1	20
91	31.00	28	140	100	0.2	1	1	10
92	31.25	30	150	110	0.2	1	1	10
93	31.50	32	150	120	0.2	1	1	10
94	31.75	32	150	120	0.2	1	1	10
95	20N-32.00E	32	150	120	0.2	1	1	10
96	21N-15.00E	20	70	8	0.2	1	1	10
97	15.25	20	60	8	0.2	1	1	10
98	15.50	18	66	4	0.2	1	1	10
99	21N-15.75E	22	64	2	0.2	1	1	10
100	CHECK NL-5	26	66	76	1.2	10	58	10
101	21N-16.00E	26	60	6	0.2	1	1	10
102	16.25	22	58	6	0.2	1	1	10
103	16.50	16	48	4	0.2	1	1	10
104	16.75	22	78	18	0.2	1	1	10
105	17.00	34	76	2	0.2	1	1	10
106	21N-17.25E	34	70	14	0.2	1	1	20

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
107	21N-17.50E	24	62	12	0.2	1	1	10
108	17.75	46	84	24	0.2	1	1	10
109	18.00	30	62	10	0.2	1	1	10
110	18.25	18	60	2	0.2	1	1	10
111	18.50	34	78	26	0.2	1	1	10
112	18.75	26	62	18	0.2	1	1	10
113	19.00	24	64	8	0.2	1	1	10
114	19.25	24	64	6	0.2	1	1	10
115	19.50	26	68	16	0.2	1	1	10
116	19.75	10	28	6	0.2	1	1	10
117	20.25	28	76	16	0.2	1	1	10
118	20.50	20	80	8	0.2	1	1	10
119	20.75	26	78	6	0.2	1	1	10
120	21.00	24	120	8	0.2	1	1	10
121	21.25	24	70	8	0.2	1	1	10
122	21.50	20	86	6	0.2	1	1	10
123	21.75	14	48	6	0.2	1	1	10
124	22.00	12	84	6	0.2	1	1	10
125	22.25	18	82	8	0.2	1	1	10
126	22.50	10	30	2	0.2	1	1	10
127	22.75	14	64	4	0.2	1	1	10
128	23.00	10	52	1	0.2	1	1	10
129	23.25	14	48	4	0.2	1	1	10
130	23.50	18	56	8	0.2	1	1	10
131	23.75	14	60	4	0.2	1	1	10
132	24.00	16	62	10	0.2	1	1	10
33	24.25	16	52	4	0.2	1	1	10
34	24.50	26	58	10	0.2	1	1	10
135	24.75	20	64	6	0.2	1	1	10
136	21N-25.00E	22	58	6	0.2	1	1	10
137	23N-15.00E	20	120	4	0.2	1	1	10
138	15.25	14	78	6	0.2	1	1	10
139	15.50	24	86	4	0.2	1	1	10
140	15.75	28	88	10	0.2	1	1	10
141	16.00	32	92	10	0.2	1	1	10
142	16.25	46	78	4	0.2	1	1	10
143	16.50	20	54	2	0.2	1	1	10
144	16.75	42	90	10	0.2	1	1	10
145	17.00	16	46	4	0.2	1	1	10
146	17.25	14	46	1	0.2	1	1	10
147	17.50	20	48	4	0.2	1	1	10
148	17.75	12	64	4	0.2	1	1	10
149	23N-18.00E	14	96	14	0.2	1	1	10
2	23N-18.25E	18	80	14	0.2	1	1	10
3	18.50	26	96	12	0.2	1	1	10
4	18.75	16	76	14	0.2	1	1	10
5	19.00	24	140	40	0.2	1	1	10
6	19.25	18	66	22	0.2	1	1	10
7	19.50	26	130	34	0.2	1	1	10
8	19.75	24	90	24	0.2	1	1	10
9	20.25	22	72	12	0.2	1	1	10
10	20.50	32	80	14	0.2	1	1	10
	20.75	16	60	8	0.2	1	1	10
12	21.00	16	58	10	0.2	1	1	10
13	21.25	22	82	20	0.2	1	1	10
14	21.50	30	78	18	0.2	1	1	10
15	23N-21.75E	40	94	18	0.2	1	1	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
16	23N-22.00E	24	86	12	0.2	1	1	10
17	22.25	22	70	8	0.2	1	1	10
18	22.50	24	88	12	0.2	1	1	10
19	22.75	22	82	8	0.2	1	1	10
20	23.00	20	60	6	0.2	1	1	10
21	23.25	22	56	6	0.2	1	1	10
22	23.50	26	52	2	0.2	1	1	10
23	23.75	22	58	8	0.2	1	1	10
24	24.00	22	64	6	0.2	1	1	10
25	24.25	22	60	4	0.2	1	1	10
26	24.50	24	72	8	0.2	1	1	10
27	24.75	22	64	6	0.2	1	1	10
28	23N-25.00E	20	58	6	0.2	1	1	10
29	25N-15.75E	16	68	6	0.2	1	1	10
30	16.00	14	58	6	0.2	1	1	10
31	16.25	32	140	32	0.2	1	1	10
32	16.50	26	110	20	0.2	1	1	10
33	16.75	34	240	30	0.2	1	1	10
34	17.00	36	190	16	0.2	1	1	10
35	17.25	28	110	12	0.2	1	1	10
36	17.50	38	160	64	0.2	1	1	10
37	17.75	24	170	94	0.2	1	1	10
38	18.00	70	600	300	0.8	1	8	10
39	18.25	34	360	150	0.2	1	4	10
40	18.50	22	170	32	0.2	1	1	10
41	18.75	20	92	24	0.2	1	1	10
42	19.00	30	170	44	0.2	1	1	10
43	19.25	28	150	24	0.2	1	1	10
44	19.50	30	92	28	0.2	1	1	10
45	19.75	24	86	22	0.2	1	1	10
46	20.25	28	68	16	0.2	1	1	10
47	20.50	28	66	18	0.2	1	1	10
48	20.75	32	86	24	0.2	1	1	10
49	21.00	22	86	16	0.2	1	1	10
50	21.25	46	130	22	0.2	1	2	10
51	21.50	42	120	16	0.2	1	1	10
52	21.75	34	86	14	0.2	1	1	10
53	22.00	26	74	16	0.2	1	1	10
54	22.25	30	72	10	0.2	1	1	10
55	22.50	26	68	8	0.2	1	1	10
56	22.75	20	56	6	0.2	1	1	10
57	23.00	28	62	8	0.2	1	1	10
58	23.25	22	56	4	0.2	1	1	10
59	23.50	16	50	2	0.2	1	1	10
60	23.75	20	68	14	0.2	1	1	10
61	24.00	18	60	14	0.2	1	1	10
62	24.25	20	56	10	0.2	1	1	10
63	24.50	16	66	10	0.2	1	1	10
64	24.75	14	52	8	0.2	1	1	10
65	25N-25.00E	20	60	10	0.2	1	1	10
66	26.5N-20.25E	26	82	14	0.2	1	1	10
67	20.50	12	34	4	0.2	1	1	10
	20.75	20	46	8	0.2	1	1	10
69	21.00	28	66	12	0.2	1	1	10
70	21.25	22	34	8	0.2	1	1	10
71	21.50	32	88	14	0.2	1	1	10
72	26.5N-21.75E	20	48	12	0.2	1	1	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
73	26.5N-22.00E	22	50	10	0.2	1	1	10
74	22.25	14	50	10	0.2	1	1	10
75	22.50	18	50	10	0.2	1	1	10
76	22.75	12	32	6	0.2	1	1	10
77	23.00	6	26	1	0.2	1	1	10
78	23.25	20	92	16	0.2	1	1	10
79	23.50	28	150	24	0.2	1	1	10
80	23.75	10	26	4	0.2	1	1	10
81	24.00	16	52	12	0.2	1	1	10
82	26.5N-24.25E	140	58	1	0.2	1	1	10
83	27N-15.00E	22	54	4	0.2	1	1	10
84	15.50	10	40	1	0.2	1	1	10
85	15.75	34	62	6	0.2	1	1	10
86	16.00	8	24	1	0.2	1	1	10
87	16.25	18	50	6	0.2	1	1	10
88	16.75	22	70	6	0.2	1	1	10
89	17.00	14	42	1	0.2	1	1	10
90	17.25	22	70	20	0.2	1	1	10
91	17.50	18	68	24	0.2	1	1	10
92	17.75	14	54	12	0.2	1	1	10
93	18.00	10	34	6	0.2	1	1	10
94	18.25	14	60	14	0.2	1	1	10
95	18.50	16	68	14	0.2	1	1	10
96	18.75	20	64	20	0.2	1	1	10
97	19.25	38	72	10	0.6	1	1	10
98	20.50	8	28	1	0.2	1	1	10
99	27N-20.75E	12	36	2	0.2	1	1	10
100	CHECK NL-5	26	64	70	1.2	10	58	10
101	27N-21.00E	28	140	26	0.2	1	20	10
102	21.25	20	40	10	0.2	1	8	10
103	21.50	6	24	1	0.2	1	1	10
104	21.75	12	28	1	0.2	1	1	10
105	22.00	8	20	1	0.2	1	1	10
106	22.25	14	74	12	0.2	1	1	10
107	22.50	46	44	10	0.8	1	1	10
108	22.75	32	66	18	0.2	2	1	10
109	23.25	20	30	4	0.2	1	1	10
110	24.00	10	54	1	0.2	1	1	10
111	24.75	10	38	4	0.2	1	1	10
112	27N-25.00E	20	60	12	0.2	1	1	10
113	27.5N-20.00E	12	38	6	0.2	1	1	10
114	20.25	14	46	6	0.2	1	1	10
115	20.50	14	52	8	0.2	1	1	10
116	20.75	22	84	20	0.2	1	1	10
117	21.50	12	24	12	0.2	1	1	10
118	22.00	16	46	4	0.2	1	1	10
119	22.25	32	92	14	1.0	1	1	10
120	23.00	16	38	4	0.2	1	1	10
121	23.25	18	48	6	0.2	1	1	10
122	23.50	18	44	6	0.2	1	1	10
123	23.75	34	64	12	0.8	1	1	10
124	24.00	12	32	2	0.2	1	1	10
125	24.25	20	78	16	0.2	1	1	10
126	24.50	20	46	14	0.2	1	1	10
127	24.75	16	52	10	0.2	1	1	10
128	27.5N-25.00E	18	62	10	0.2	1	1	10
129	29N-15.00E	14	62	8	0.2	1	1	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
130	29N-15.25E	22	62	12	0.2	1	1	10
31	15.50	22	56	10	0.2	1	1	10
132	15.75	16	72	12	0.2	1	1	10
133	16.00	16	50	10	0.2	1	1	10
134	16.25	20	58	12	0.2	1	1	10
135	16.50	18	70	30	0.2	1	1	10
136	16.75	22	42	16	0.2	1	1	10
137	17.00	22	80	26	0.2	1	1	10
138	17.25	26	76	28	0.2	1	1	10
139	17.50	22	66	14	0.2	1	1	10
140	17.75	26	70	12	0.2	1	1	10
141	18.00	16	64	20	0.2	1	1	10
142	18.25	26	60	32	2.2	1	1	10
143	18.50	18	58	10	0.2	1	1	10
144	18.75	16	42	4	0.2	1	1	10
145	19.00	14	56	6	0.2	1	1	10
146	19.25	14	36	6	0.2	1	1	10
147	20.00	16	54	8	0.2	1	1	10
148	20.25	16	46	8	0.2	1	1	10
149	29N-20.50E	18	36	4	0.2	1	1	10
2	29N-21.00E	14	52	6	0.6	1	1	10
3	21.25	18	58	10	0.4	1	1	10
4	21.50	14	52	4	0.2	1	1	10
5	21.75	10	52	4	0.2	1	1	10
6	22.00	12	30	1	0.2	1	1	10
7	22.25	20	42	4	0.4	1	1	10
8	22.75	14	62	6	0.2	1	1	10
9	23.00	16	70	10	0.2	1	1	10
10	23.25	18	60	6	0.2	1	1	10
11	23.50	18	64	6	0.2	1	1	10
12	23.75	18	50	6	0.2	1	1	10
13	24.00	16	54	12	0.6	1	4	10
14	24.25	32	50	4	0.2	1	1	10
15	24.50	24	80	22	0.2	1	2	10
16	24.75	24	86	28	0.2	1	8	10
17	29N-25.00E	24	86	16	0.2	1	12	10
18	31N-15.00E	30	78	30	0.2	1	4	10
19	15.25	22	58	14	0.2	1	1	10
20	15.50	26	78	28	0.4	1	4	10
21	15.75	26	62	22	0.2	1	1	10
22	16.00	46	400	120	1.2	8	4	10
23	16.25	50	440	150	1.2	14	6	10
24	16.50	16	66	24	0.2	1	2	10
25	16.75	18	68	30	0.2	1	4	10
26	17.00	56	270	240	1.2	1	4	10
27	17.25	60	280	220	1.0	2	6	10
28	17.50	30	62	22	0.6	1	2	10
29	17.75	18	46	10	0.4	1	1	10
30	18.00	44	250	62	0.4	2	16	10
31	18.25	38	230	60	0.4	1	18	10
32	18.50	46	280	62	0.4	2	22	10
33	18.75	44	260	60	0.4	2	20	10
,	19.00	32	94	18	0.4	1	6	10
35	19.25	32	150	30	0.6	1	6	10
36	19.50	40	160	18	0.2	1	4	10
37	19.75	40	170	22	0.2	1	4	10
38	31N-20.25E	24	78	4	0.4	1	1	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Mo	As	PPB Au
39	31N-20.50E	32	82	8	0.4	1	1	10
40	20.75	18	130	18	0.2	1	1	10
41	21.00	20	150	26	0.2	1	1	10
42	21.25	24	92	12	0.2	1	1	10
43	21.50	22	88	10	0.2	1	1	10
44	21.75	18	94	14	0.2	1	1	10
45	22.00	20	120	18	0.2	2	4	10
46	22.25	34	78	16	0.2	1	10	10
47	22.50	34	76	16	0.2	1	4	10
48	22.75	34	26	1	0.2	1	1	10
49	23.00	26	36	1	0.2	1	1	10
50	23.25	26	70	4	0.2	1	10	10
51	23.50	26	68	6	0.2	1	8	10
52	23.75	32	62	6	0.2	1	6	10
53	24.00	36	66	6	0.2	1	12	10
54	24.25	52	64	4	0.2	1	16	10
55	24.50	50	66	4	0.2	1	20	10
56	24.75	64	52	2	0.2	1	8	10
57	31N-25.00E	58	54	2	0.2	1	6	10
58	32N-15.00E	24	72	20	0.2	1	1	10
59	15.25	28	84	26	0.2	1	6	10
60	15.50	24	78	22	0.4	1	2	10
61	15.75	22	80	26	0.4	1	6	10
62	16.00	32	160	140	0.2	1	6	10
63	16.25	36	190	200	0.2	1	4	10
64	16.50	10	52	1	0.2	1	1	10
65	16.75	10	46	1	0.2	1	1	10
66	17.25	32	74	6	0.2	1	4	10
67	17.50	26	82	8	0.2	1	6	10
68	17.75	20	48	4	0.2	1	1	10
69	18.00	34	48	6	0.4	1	1	10
70	18.25	38	44	8	0.4	1	2	10
71	18.50	30	54	12	0.2	1	4	10
72	18.75	34	60	2	0.2	1	1	10
73	19.00	22	84	8	0.2	1	6	10
74	19.25	40	50	2	0.4	1	1	10
75	19.50	30	82	8	0.2	1	4	10
76	19.75	28	80	10	0.2	1	4	10
77	20.25	22	54	6	0.4	1	6	10
78	20.50	20	54	6	0.2	1	8	10
79	20.75	18	60	8	0.2	1	12	10
80	21.00	16	54	6	0.2	1	10	10
81	21.25	32	78	10	0.2	1	12	10
82	21.50	34	80	10	0.2	1	16	10
83	21.75	28	64	6	0.2	1	1	10
84	22.00	30	66	4	0.2	1	1	10
85	22.25	30	62	8	0.2	1	1	10
86	22.50	26	56	6	0.2	1	1	10
87	22.75	34	62	4	0.2	1	4	10
88	23.00	34	62	4	0.2	1	4	10
89	23.25	50	70	2	0.2	1	1	10
90	23.50	50	68	1	0.2	1	2	10
91	23.75	52	32	1	0.4	1	1	10
92	24.00	38	36	1	0.4	1	1	10
93	24.25	74	78	1	0.2	1	4	10
94	24.50	72	80	1	0.2	1	1	10
95	32N-24.75E	60	64	2	0.2	1	6	10