MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.: 092621
	PROSPECTUS		MINING DISTRICT: Whitehorse
	CONFIDENTIAL	X	TYPE OF WORK: Geochemical, geophysical
105 K 2,3	OPEN FILE		

REPORT FILED UNDER: Noranda Exploration Co. Ltd

DATE PERFORMED: 4 June-12 September, 1988 DATE FILED: 13 November, 1988

LOCATION: LAT.: 62 03'N AREA: Faro

LONG.:132 50'W VALUE $: 63 900.00

CLAIM NAME & NO.: CAN 1-149 (YB07880-YB08025)

WORK DONE BY: H. Copland

WORK DONE FOR: Mintel International Development Corp.

DATE TO GOOD STANDING		REMARKS: #88 GREW CREEK
		In 1988 an extensive till sampling program and magnetometer
		surveys were undertaken. The surveys outlined areas underlain
		by altered Tertiary rhyolites which are higher in Hg and less
		magnetic than surrounding rocks.

GEOLOGICAL, GEOPHYSICAL

and

GEOCHEMICAL REPORT

on the

CAN 1 - 94

CAN 101 - 110

CAN 113 - 147

CAN 149 CLAIMS

Whitehorse Mining District

Yukon Territory

N.T.S. : 105 K/2 & 3

Latitude: 62 03'N

Longitude: 132 50'W

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WHITEHORSE, Y.T.

092621

Owned By: Mintel International Development Corp.

Operated By: Noranda Exploration Company, Limited

H. Copland

Oct. 1988

Work performed between 4 June and 12 September, 1988

H. Copland (phoned)

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 $ 63 000.00.

J. J. Bremner

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

092S 90

SUMMARY

The CAN claims (140 claims) lie within the Tintina Trench between Ross River and Faro, Y.T.. Epithermal gold-silver mineralization similiar to the Grew Creek prospect which adjoins the claims is the target. In late 1987 and 1988 a program of soil, humus and till sampling, surficial and bedrock mapping, and ground magnetometer was conducted over the claims. The property is underlain by Paleozoic mafic volcanics, phyllite, chert and limestone with minor Tertiary rhyolite towards the west. Glacial overburden (tills, gravels, and glaciolacustrine sediments) cover the majority of the claim group.

This overburden hampers geochemistry and prospecting. No significant anomalies were detected and any further work should involve a detail examination of the Tertiary units.

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CHAPTER ONE: INTRODUCTION

1-1: Introductory Statement

The CAN claims lie within the Tintina Trench between Ross River and Faro Y.T.. The claims were staked in the fall of 1987 to cover ground adjacent to Noranda Exploration/Brenda Mines/Golden Nevada's Grew Creek Project. In 1987 a program of reconnaissance soil sampling was conducted. Follow-up work in 1988 consisted of till sampling, surficial and bedrock mapping and a ground magnetometer survey.

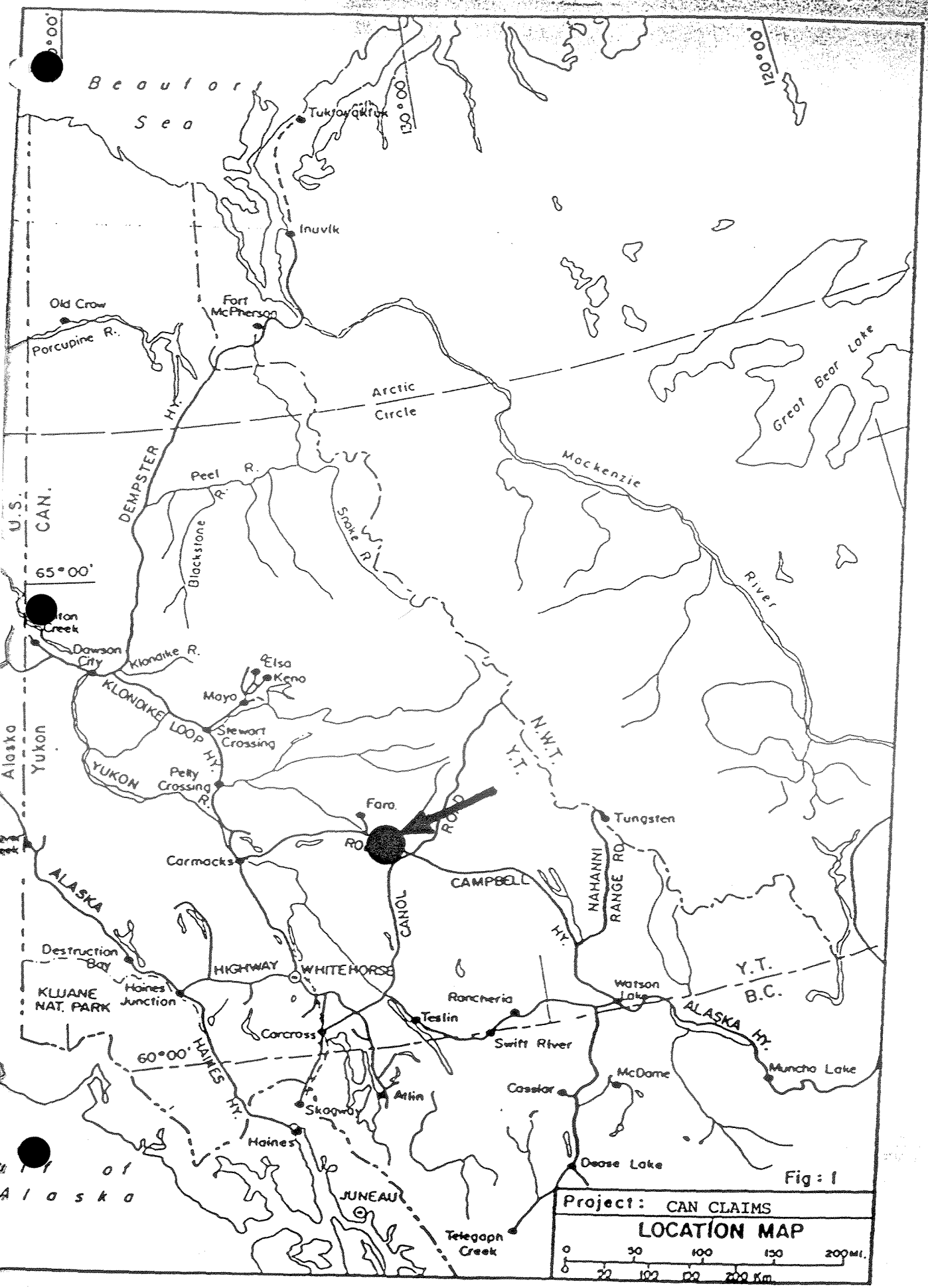
1-2: Location & Access

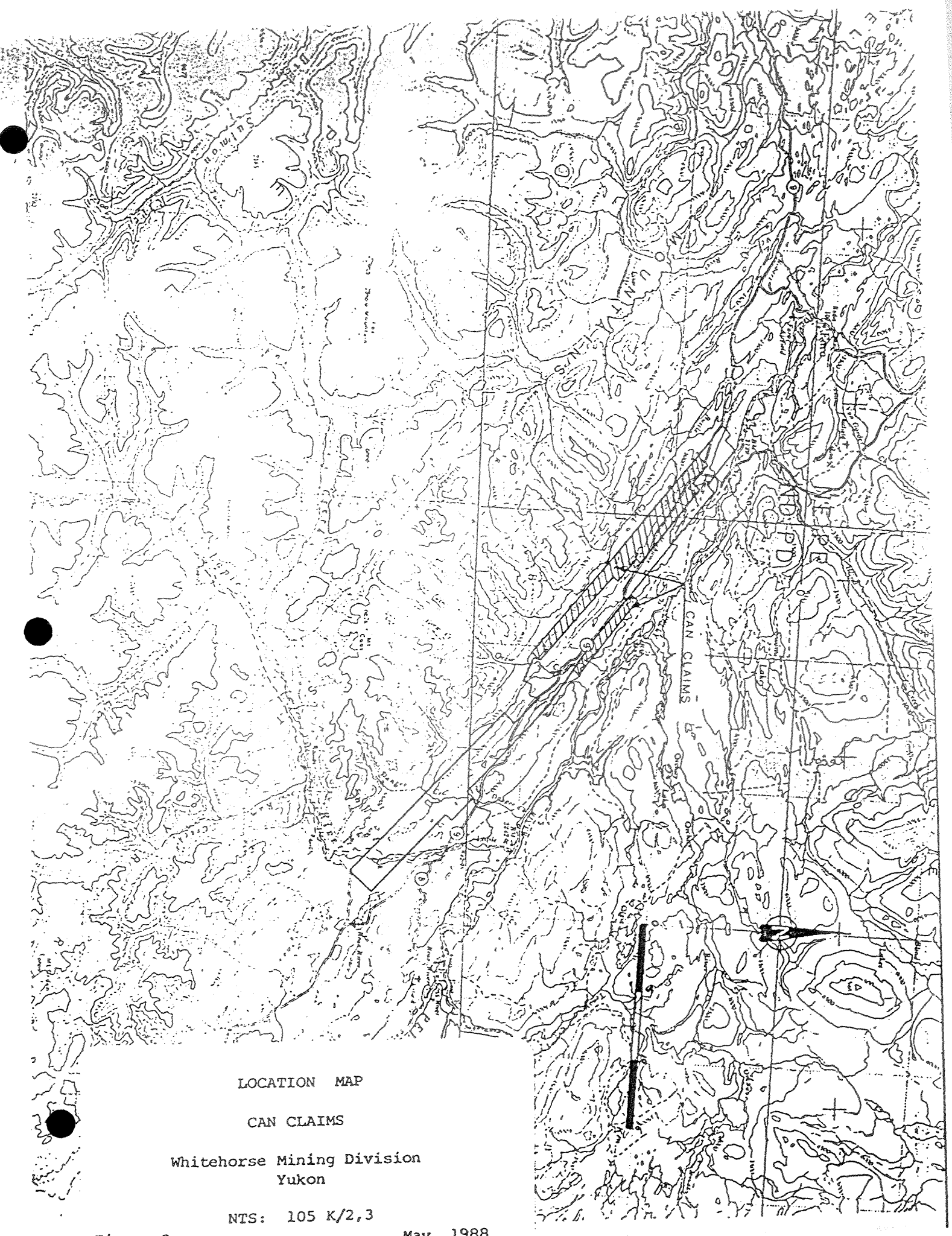
The property (NTS 105 K/2,3; Lat.: 62 03'N, Long.: 132 50'W) lies on both sides of the Robert Campbell Highway midway between Ross River and Faro Y.T. (see Figs. 1 & 2). The northeastern block of claims is easily accessible from the Robert Campbell Highway and several 4WD roads connect the southwestern block with the highway. A powerline connecting Ross River to the main grid from Whitehorse parallels the highway the length of the claims.

1-3: Topography & Vegetation

The claims lie along the southwestern edge of the Tintina Trench in the Pelly Mountains. Within the Tintina Trench topography is characterized by low rolling glacial features (drumlins, moraines, etc.) of low relief. Elevation on the property varies between 700 & 975 metres. A fire during the late 1960's destroyed most of the first growth on the claims and the area has been revegetated with poplar, birch and pine. Some mature stands of spruce and pine do remain.

Numerous small pothole lakes cover the property. Drainage by several small creeks is generally to the north into the Pelly River. Major creeks through the claims include Buttle, Grew, Rat, Danger Creek and the Lapie


Beaufort Sea
Tuktoyaktuk
Inuvik
Old Crow
Porcupine R.
Fort McPherson
Arctic Circle
Great Bear Lake
Mackenzie River
DEMPSTER HY.
Peel R.
Blackstone R.
Snake R.
U.S.
CAN.
65°00'
Dawson City
Klondike R.
Elsa
Keno
Mayo
KLONDIKE LOOP HY.
Stewart Crossing
YUKON
Pelly Crossing R.
Alaska
Yukon
N.W.T.
Y.T.
Faro
Tungsten
Carmacks
CANOL ROAD
CAMPBELL HY.
NAHANNI RANGE RD.
ALASKA HIGHWAY
WHITEHORSE
Destruction Bay
KLUANE NAT. PARK
Haines Junction
Rancheria
Watson Lake
Y.T.
B.C.
ALASKA HY.
Teslin
Swift River
Carcross
60°00'
HAINES HY.
Skagway
Atlin
Haines
Cassiar
McDame
Muncho Lake
Dease Lake
JUNEAU
Telegaph Creek
Fig : 1
Project: CAN CLAIMS
LOCATION MAP
0 50 100 150 200 mi.
0 50 100 150 200 Km.



LOCATION MAP

CAN CLAIMS

Whitehorse Mining Division
Yukon

NTS: 105 K/2,3

Figure 2

May, 1988

River.

1-4: History

Exploration in the area was first conducted in the late 1800's. Recorded instances of exploration in the area are not known until 1965 when the area east of Grew & Rat Creeks (Tarn Zone) was staked by General Enterprises. EM and IP surveys and three diamond drill holes were completed in that area in subsequent years. Small placer operations have been attempted on Grew Creek proper since the early 1980's. The first of what is now the Grew Creek property was staked by Whitehorse prospector Al Carlos in June 1983 and optioned by Hudson Bay Exploration and Development later that year. They performed numerous geophysical, geochemical, and geological surveys and diamond drilling (13 holes, 1732 metres), trenching and rotary holes (19 holes, 1660 metres) during the next 3 years. Drilling was concentrated on Grew Creek Main and Tarn zones, whereas other surveys covered the entire property. Hudson Bay dropped the option and it was picked up by Noranda Exploration Company Limited in June 1987.

No recorded instances of work are known for the bulk of the ground now covered by the CAN claims, although some of the claims have been staked in the past.

1-5: Claim Definition

This report covers the following claims.

Claim	Record No.	Record Date	Anniversary
CAN 1 - 94	YB 07880 - 7973	Sept. 9/87	March, 93
CAN 101 - 110	YB 07980 - 7989	"	"
CAN 113 - 147	YB 07990 - 8024	"	"
CAN 149	YB 08025	"	"

1-6: Work Program

During the period September 15 - October 12, 1987 a program of reconnaissance soil sampling was conducted over the claim group. A total of 2500 humus and soil samples were collected. The following people were involved in the program.

Hugh Copland	Project Geologist	Whitehorse
Randy Singh	Field Geologist	Vancouver
Murrell Trudzik	Field Geologist	Edmonton
Robert Copland	Field Assistant	Vancouver
Tim Daly	Field Assistant	Whitehorse
Glenn Dionne	Field Assistant	Whitehorse

This program was followed-up in 1988 with till sampling and humus sampling (388 samples) surficial and geological mapping, airborne geophysics and ground magnetometer (181 line - km). The following personnel were involved:

K. Galambos	Field Geologist	Whitehorse
H. Brown	Field Geologist	Thunder Bay
S. Reid	Field Geologist	Red Lake
L. Hoover	Field Assistant	Calgary
K. Rogers	Field Assistant	Peterborough
A. Plouffe	Quaternary Geologist	Ottawa
I. Poliquin	Quaternary Geologist	Ottawa
L. Gagnon	Quaternary Geologist	Ottawa
A. Lippert	Geophysical Field Assit.	Vancouver
S. Keizer	Field Geophysicist	Vancouver

CHAPTER TWO: GEOLOGY

2-1: Regional Geology (see fig. 3)

The CAN claims lie within the Tintina Trench, a large transcurrent Tertiary-Cretaceous fault system. The trench seperates two tectonic terraines the Pelly-Cassiar to the southwest, and the Anvil Allochton to the northeast. The terrane to the southwest consists of phyllite, argillite and chert of the Kechika Group. Across the trench metamorphosed mafic flows tuffs and recrystallized limestone dominate. (see Table of Formations) The Tintina Trench is composed of a number of subparallel faults (from west to east: Buttle Creek, Grew Creek, Danger Creek and Lapie River Faults). The trench forms a graben like structure in which basaltic to rhyolitic vulcanism occured during Eocene times. It is within these rocks that the Grew Creek deposit is situated.

2-2: Property Geology

2-2-1: Surficial Geology

The majority of the CAN Claims are covered by a thick blanket of glacial tills. A portion of these till have been mapped (figs. 7, 8, 9). Most of the tills in the area consist of gravels which have been subdivided further to include: 1) modern alluvium 2) terrace gravel 3) ice contact stratified drift and 4) supra-glacial gravels (Ploufee 1988).

True till is found in relatively few areas. The till is typically grey, calcareous, silty and compact where unleached. More oxidized material tends to be reddish to yellow in colour, non-calcareous and less compact. Most of the till was deposited during the McConnell glaciation.

2-2-2: Bedrock Geology (see figs. 4, 5, 6)

Bedrock underlying the Mintel claim blocks comprise all three terrains discussed under Regional Geology. The eastern end of the northern claim

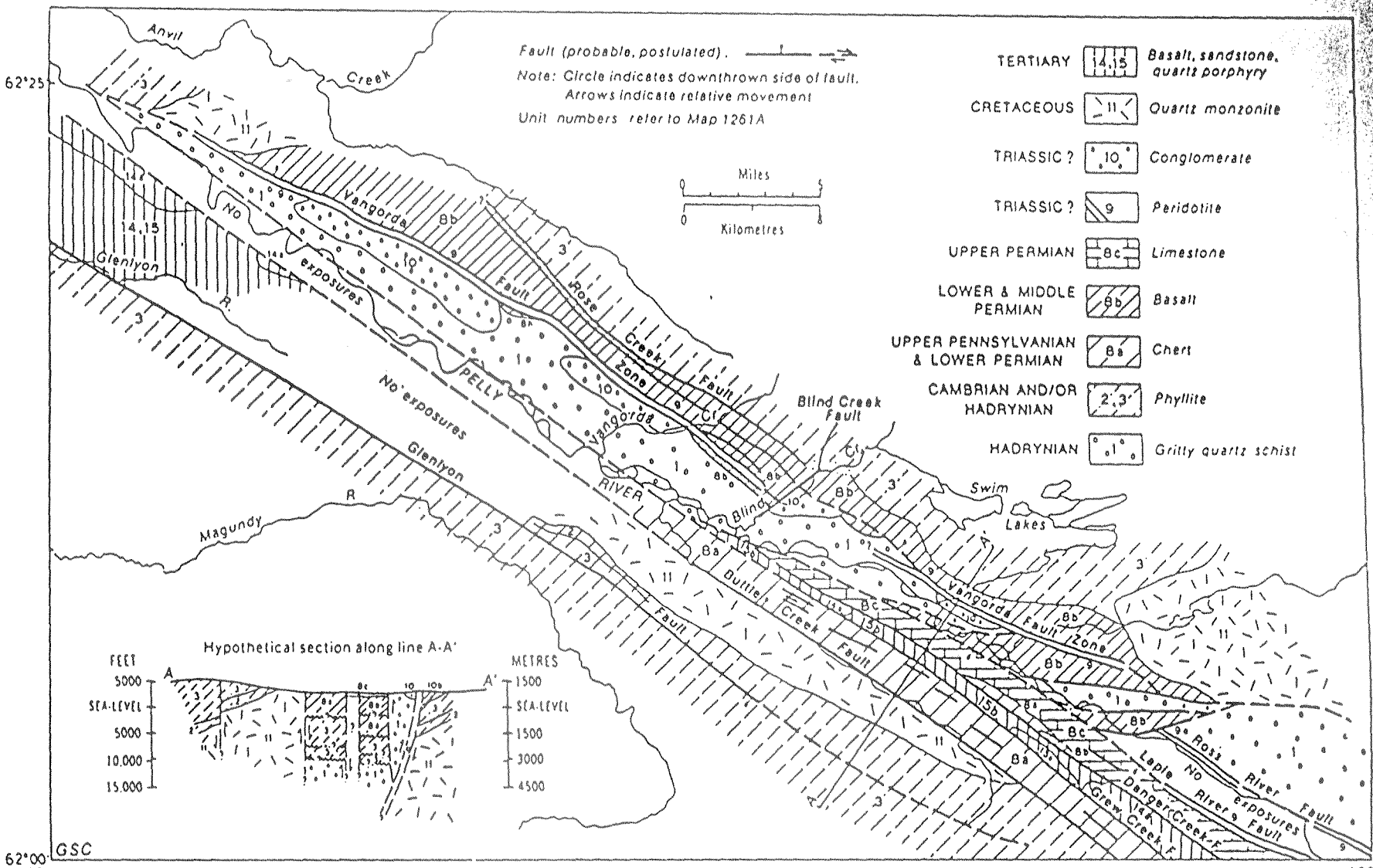


FIGURE 3 Sketch map of faults along Tintina Trench.

(taken from Tempelman-Kluit, 1972)

Era	Period or Epoch	Formation	Map-unit	Lithology	Thickness
CENOZOIC	Tertiary		15b	Conglomerate, sandstone, shale	unknown
			15a	Basalt	unknown
			14b	Rhyolitic tuff	unknown
			14a	Quartz-feldspar porphyry	
		RELATIONS NOT KNOWN			
	Cretaceous or Tertiary		13	Saussuritized porphyritic hornblende diorite	
		INTRUSIVE INTO UNITS 2, 3 and 11			
	Age unknown		12	Pyroxenite, hornblende diorite	
		INTRUSIVE INTO UNITS 2 and 3			
	Cretaceous	Anvil Batholith	11	Porphyritic biotite-quartz monzonite and granodiorite; muscovite-biotite-granodiorite; foliated equivalents	
		INTRUSIVE INTO UNITS 2, 3 and 8			
MESOZOIC	Lower or Middle Triassic		10	Conglomerate, shale, sandstone	±2,000
		UNCONFORMABLE ON UNIT 1			
	Upper Permian or Lower Triassic		9	Serpentinite, peridotite	
		FAULT BOUNDED			
	Upper Permian	Anvil Range Group	8c	Massive resistant recrystallized limestone	±300
	Lower Permian		8b	Basalt	±1,500
	Lower Permian and Upper Pennsylvanian		8a	Chert and siliceous tuff	±2,000
		UNCONFORMABLE ON UNITS 3, 4, 5, 6, 7			
	Upper Devonian and Mississippian		7	Slate, chert, greywacke, conglomerate, limestone	±10,000
		UNCONFORMABLE ON UNITS 3 and 4			
PALEOZOIC	Middle Devonian		6	Limestone and dolomite	0-100
	Silurian and Devonian		5	Medium-grained orthoquartzite	50
		CONFORMABLE			
	Ordovician and Silurian		4	Black slate, chert	+400
		UNCONFORMABLE ?			
PROTEROZOIC	Ordovician ? Cambrian ? and/or Hadrynian ?		3	Grey lustrous muscovite phyllite, quartzose phyllite, phyllitic schist, biotite-muscovite schist	4,000?
			3a	Andesitic greenstone, chloritic tuff	
		CONFORMABLE ?			
			2	Biotite-muscovite schist, banded quartz-diopside skarn, marble, amphibolite	+2,000?
		BASE NOT SEEN			
	Hadrynian	'Grit Unit'	1	Muscovite quartzite, graphitic quartzite	?
		BASE NOT SEEN			

TABLE 1
Stratigraphic Column of the
Faro - Ross River Area
(Tempelman-Kluit, 1972)

block is dominated by mafic volcanic flows (andesite to basalt), recrystallized limestones and minor cherts. These rocks belong to the Anvil Allochton Suite north of the Danger Creek fault.

The southern claim block is predominately in the Pelly-Cassiar terraine south of the Grew Creek fault. In this area the rocks tend to be exclusively folded phyllites and minor chert. A wedge of Tertiary volcanic rocks mainly feldspar porphyritic rhyolite with minor sediments occurs at the west end of the claim block. These Tertiary rocks appear to be preserved in a 700 metre wide graben between the Danger and Grew Creek faults. The faults trend approximately 120 - 140 degrees and are cut by a number of inferred northeasterly trending faults.

A brief description of the major units observed follows:

Tertiary

- Rhyolite (Ry) - typically fine grained, grey, weathering a tan to reddish tint. Subhedral feldspar phenocrysts are typically less than 5mm in size and comprise up to 40% of the rock. The unit is typically sericitic to argillically altered to a varying degree.

Paleozoic

- Phyllite (Ph) - this unit is typically grey to green weathering to a tan colour. Chloritic alteration is predominate with minor silicification locally

-Chert (C) - the chert is grey to red, fine grained, laminated, and locally weathering a buff colour

-Limestone (Lsc) - this unit is cream to grey in colour usually weathering to a lighter shade. Almost all the limestone on the property has been recrystallized to some extent and is locally brecciated and silicified

-Basalt, Andesite (Va, Vb) - this unit occurs as dark green cliffs and

knobs. The rocks have been metamorphosed to some extent and locally exhibit schistose textures. Minor silicification and carbonate alteration of this rock has occured.

CHAPTER THREE: GEOCHEMISTRY

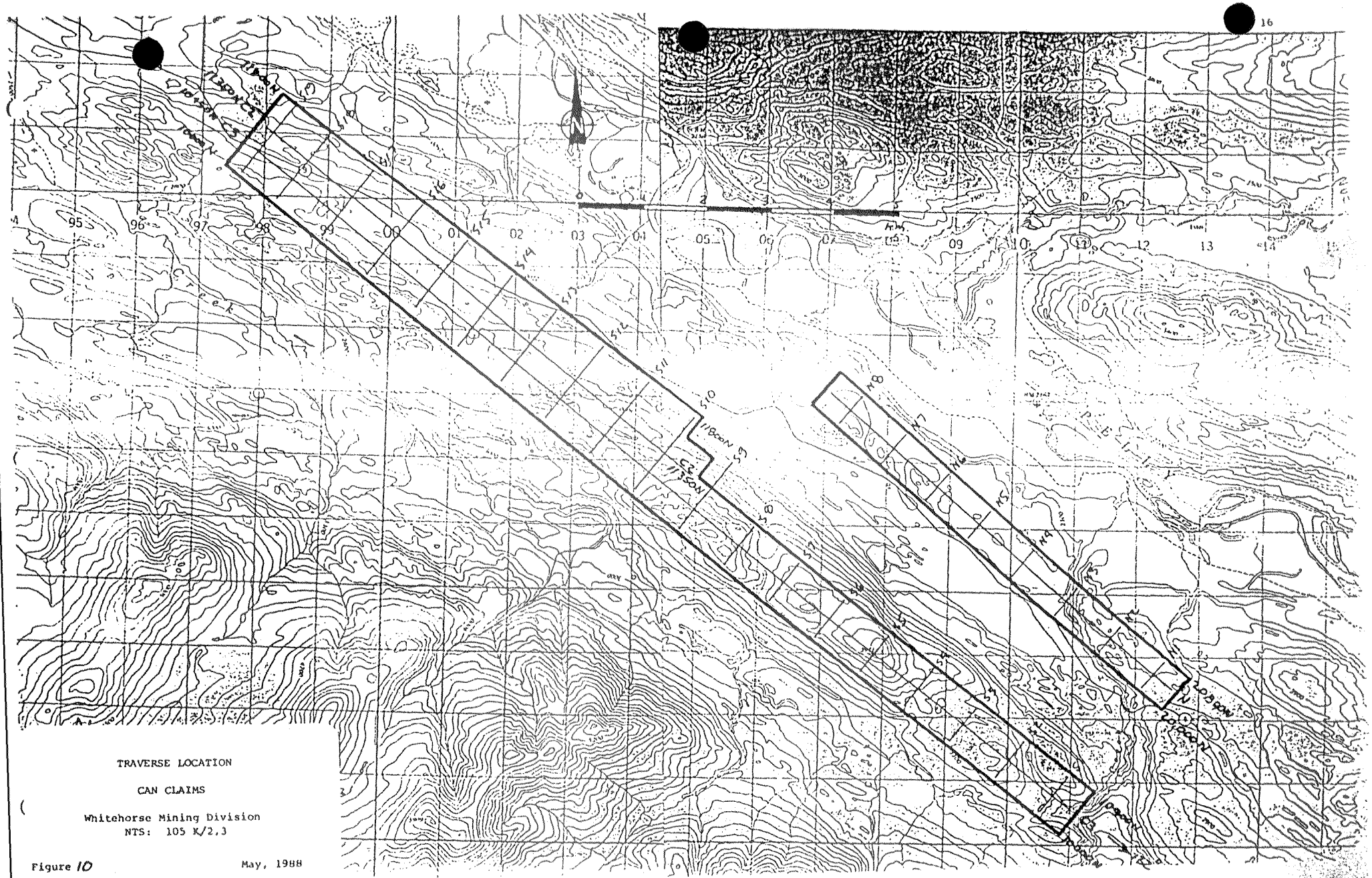
3-1: Procedures

Initial soil sampling in the Fall of 1987 utilized claim lines as a baseline with crosslines approximately every 900 metres. (see fig. 10). Samples were collected on a 50 metre spacing along baselines and every 25 metres on crosslines. In each location where possible both a humus sample and a 1 metre deep soil sample were collected. Soil was collected with the aid of a hand turned spoon type auger. Permafrost hampered sampling in some locations.

In 1988 a till sampling program was undertaken over portions of the property where some encouragement was obtained in 1987. Over the western portion of the claims till was sampled on 300 metre spaced lines with sample sites every 50 metres. Lines were 100 metres apart on the eastern zones. Samples of unleached and oxidized till were collected in hand dug pits at depths from 30 - 70cm. Approximately 1-2kg of material were collected at each site.

Gravel deposits were not sampled because they do not represent local bedrock, and enrichment of gold may occur due to the secondary processess which formed the gravels. Similiarily glaciolacustrine sediments and alluvial fans were not sampled because of problems in identifying sources. Gold in glaciolacustrine sediments is generally not useful due to its low content in any case. In 1987 a total of 1250 soil and 1250 humus samples were collected. In 1988 a total of 388 till and 70 rock samples were taken.

All samples were dried in the field and shipped to Acme Laboratories for preparation and analysis. Rocks, soils and humus were treated using standard (-80 mesh) geochemical procedures. Tills were sieved to -200 mesh (75/um) as previous work has shown gold to concentrate in the silt fraction of the tills. Samples were analysed for Au, Ag, As and Hg or a 30 element ICP analysis which includes the above four elements.



TRAVERSE LOCATION

CAN CLAIMS

Whitehorse Mining Division
NTS: 105 K/2,3

Figure 10 May, 1988

3-2: Results

Extensive soil sampling by Noranda Exploration on nearby properties in the area has given us a standard soil profile for the area summarized on Fig. 14. Mercury and arsenic have traditionally been the best pathfinder elements for Au - Ag mineralization in the area. 1987 soil results are plotted on Figs. 15 - 22 and 1988 results on Figs. 23 - 30. These are in the form of dot plots showing relative values of each element in either soil or humus. Complete numerical results have been included in the appendix.

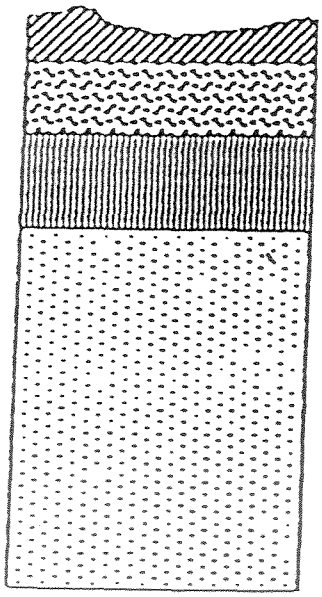
A statistical analysis of over 4000 samples collected in the area in 1987 has produced the following data:

ELEMENT	SOIL	HUMUS
Hg (ppb)		
mean	30	85
anomalous	125	175
As (ppm)		
mean	6.8	2.9
anomalous	20	10
Au (ppb)		
mean	1.3	1.2
anomalous	5	5
Ag (ppm)		
mean	0.16	0.16
anomalous	0.5	1.0

In general geochem results were disappointing. Initial results in 1987 outlined a broad area of anomalous mercury on the northwest end of the southern claim block. Till sampling later confirmed this generally elevated

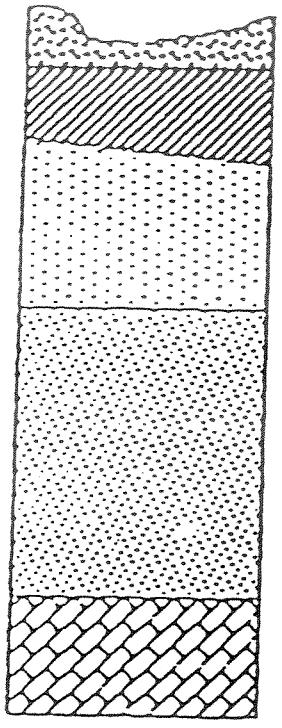
Figure 5 Soil Profiles

SAMPLE SITE: GCA
SOIL PROFILE



SAMPLE	DESCRIPTION
GCA-1	Forest Litter
GCA-2	A-Horizon: black decomposed humus
GCA-3	B-Horizon: brown-grey clay and sand
GAC-4	Ash: grey
GCA-5	Dark buff coloured with pebbles of altered volcanic. Clay rich. Till.
GCA-6	

SAMPLE SITE GCB
SOIL PROFILE



SAMPLE	DESCRIPTION
GCB-2	ASH: grey
GCB-3	HUMUS: black, dense, very varable thickness
GCB-4	TILL: grey pebbly. Rounded pebbles from 1 to 10cm long. Imbricate texture.
GCB-5	
GCB-6	WEATHERED BEDROCK: brown-grey rusty with angular 1 to 10cm pebbles. Blue grey clay patches.

mercury trend. Combined with geological mapping of the area the reason becomes evident that the Tertiary rhyolites are by nature higher in mercury than the surrounding phyllites and metavolcanics. Gold, silver and arsenic were all quite sporadic. Single anomalies cannot be relied upon without resampling. False anomalies can be produced by either secondary enrichment or during analytical procedures due to gold preconcentration in subsamples (Plouffe 1988). In the hypothetical case of a point in gold source below tills it would be expected that a fan of anomalous gold would be evident, expanding in width and decreasing in value down ice. This was not observed over any of the Mintel ground.

CHAPTER FOUR: GEOPHYSICS

4-1: Procedure

Ground magnetometer was carried out over approximately 180 line-km of the CAN claims. An EDA OMNI 4 instrument and base station were used. Line spacing over the survey area was 100 metres with readings taken every 12.5 metres. Data was filtered and plotted by Noranda's Vancouver office.

4-2: Results

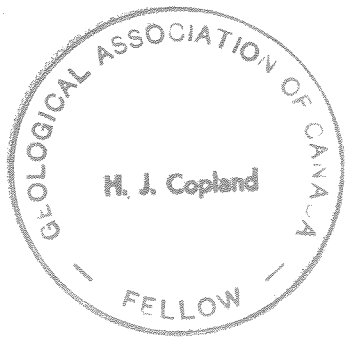
Contoured magnetometer data is plotted on Figs. 31 - 33. Magnetometer data was found to be most useful in determining gross lithologies under till covered regions. As seen on the maps northwest trends are most evident. The Mintel "B" mag survey shows a wedge of high values in the southeast quadrant of the grid. This roughly corressponds to the distinction between the phyllite-chert and the Tertiary rhyolite. The mag low over the rhyolites may be due in part to the argillic and sericitic alteration prevalent throughout this unit.

The Mintel "A" mag survey likewise is in all likely hood distinguishing between the mafic volcanics and the relatively low response limestones.

14 CHAPTER FIVE: CONCLUSIONS & RECOMMENDATIONS

Geochemical sampling, geophysics, and geological mapping was undertaken on the CAN claims in order to uncover "Grew Creek type" mineralization. This was hampered by the large blanket of overburden over the area. Geological mapping indicated the majority of the claim group lies outside the Tertiary graben hosting mineralization at Grew Creek. Magnetometer and geochem were useful in outlining the altered Tertiary units.

Detail prospecting probably remains as the best exploration method but the overburden cover makes this difficult. It is recommended that if any further work is completed on these claims it be limited to the area of Tertiary rocks outlined. Detail geochemistry and prospecting are recommended over this area.



Respectfully submitted by:

Hugh Copland

Project Geologist

STATEMENT OF COSTS - CAN CLAIMS

Labour				
Field	Geologists	50md X $150/day		$ 7,500.
	Assistants	200md X $100/day		20,000.
	Geophysicists	20md X $150/day		3,000.
Office	Geologist	10md X $150/day		1,500.
	Draftsmen	10md X $150/day		1,500.
	Secretarial	5 X $100/day		500.
	Geophysicists	2 X $150/day		300.
			SUBTOTAL	$34,300.
Geochemical				
1)	Soil humus, till samples (preparation Au, Ag, As, Hg geochem)	2,888 X $10/sample		$28,888.
2)	Rock (preparation + Au, Ag, As, Hg)	70 X $15/sample		1,050.
			SUBTOTAL	$29,930.
Transportation				
1)	Truck Rental	45 days X $45/day		$ 2,025.
2)	Fuel & Oil			800.
3)	Sample Freight			2,500.
			SUBTOTAL	$ 5,325.
Food & Accommodations		250 md X $60/day		$15,000.
Miscellaneous				
!)	Field & Office Supplies			$ 500.
2)	Computer Time			2,000.
			SUBTOTAL	$ 2,500.
			TOTAL	$87,000.

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STATEMENT OF QUALIFICATIONS

I, Hugh Copland of the City of Whitehorse, Yukon, do herby certify that:

1. I have been an employee of Noranda Exploration Company Limited (NPL) in Whitehorse since May, 1985.

2. I am a graduate of the University of British Columbia with a B.Sc. in Geology and of McMaster University, Hamilton, Ontario with a B.Eng..

3. I am a member of the Yukon Professional Geoscientist Society, and a fellow of the Geological Association of Canada.

4. I supervised work on the CAN Claims during 1988.

Hugh Copland
Project Geologist

GEOLOGICAL ASSOCIATION OF CANADA
H. J. Copland
FELLOW

APPENDIX 1

Rock Description

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105K-3

PROPERTY MINTEL "B"

DATE JUNE 21 - ~~JULY~~ 26

ROCK SAMPLE REPORT

PROJECT 333

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
	BLIND CREEK ROAD TRENCH											
R39501	GREY + MAROON, HEMATITE STAINED Q-PORPH DACITE?	2-3%	CHIP	20cm								K.G.
R39502	BLEACHED, SILICIFIED, LIMONITE STAINED Q-PORPH. Py LEACHED LEAVING CUBIC VUGS	<1	CHIP	20cm								
R39503	SERICITE + CLAY ALT'D ROCK	<1	CHIP	30cm								
R39504	ORANGE BROWN CLAY + SERICITE ALT'D ROCK											
R39505	1m SHEAR ZONE IN CHERT											
R39506	BANDED WHITE + LIGHT GREY QTZ ~~CHERT~~ (E.G. + COCKSCOMB) + BUFF FELDSPAR VEINING UP TO 2cm. IN CHERT WITH MINOR CARBONATE ALT'N.	<1	GRAB									
R39507	BANDED QTZ CALCITE VEINING WITH Py. IN CHERT	1-2%	GRAB	10cm								

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105K-3

PROPERTY MINTEL "B"

DATE JUNE 21 - ~~JULY~~ 26

ROCK SAMPLE REPORT

PROJECT ~~MAITE~~ 333

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39508	SHEAR ZONES CONTAINING SILICIFIED FAULT BX + QTZ VEINING. IN META-SEDS.	<1	CHIP	60cm								KG.
R39509	CALCAREOUS SHEAR CONTAINING FAULT BX. (CALCITE CEMENTED) IN META SEDIMENTS	<1	GRAB	15cm								
R39510	FRESH QTZ-FELD-Bi PORPH (QTZ-DIOR.?) WITH MINOR LIMONITE STAINING ON FRACTURES CUBIC Py AT ~588E 10625N	1-2%	GRAB									
R39511	HEMATITE+LIMONITE STAINED FAULT GOUGE WITH QTZ VEINING		CHIP	35cm								
R39512	RUSTY SILICEOUS ZONE IN QTZ-DIOR?											
R39513	SILICIFIED META SED WITH MINOR QTZ VEINING AT ~628OE, 1025ON		GRAB									
R39514	RHLT? BX DYKE ~612SE, 980ON		GRAB	8cm								

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY MINTO 'B'

N.T.S. 105K-3

DATE JUNE 21-26

PROJECT 333

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39515	SILICIFIED L.S. (CHERT?)		GRAB									
R39516	SILICIFIED L.S. (CHERT?)		CHIP	20cm								
R39517	SHEARED WHITE QTZ IN L.S.		CHIP	50cm								
R39518	CARBONATE ALTD QTZ BX? (CALCAREOUS CHERT?)		GRAB									

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Mintel "A"

N.T.S. 105 K/2

DATE June /88

PROJECT 333

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☒ Au	G☐ A☒ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
39678	L20+930E, 21+75N: Moderately brecciated, sericitized + slightly sheared zone in limestone	<1%	Grab		✓	✓						H. Brown
39679	L20+930E, 21+75N: Same as 39678	<1%	Grab		✓	✓						H. Brown
39680	L21+040E, 21+65N: Fe oxidized, slightly brecciated limestone	<1%	Grab		✓	✓						H. Brown
39681	L21+060E, 20+07N: Slightly sheared chloritic schist	<1%	Grab		✓	✓						H. Brown
39682	L21+200E, 19+65N: Silicified green phyllite (chloritic schist)	<1%	Grab		✓	✓						A. Plouffe
39683	L21+065E, 19+90N: Chloritic phyllite with reddish cherty bands	<1% minor	Grab		✓	✓						H. Brown
39684	L21+280E, 20+70N: Limestone with probable sericitic + chloritic alt + hematite	<1%	Grab		✓	✓						H. Brown
39685	L21+280E, 21+07N: Limestone with milky white qrtz veins	<<1%	Grab		✓	✓						H. Brown
39686	L21+225E, 21+75N: Limestone with variable clay alt.	<<1%	Grab		✓	✓						H. Brown
39687	L21+700E, 21+75N: Limestone with pods of milky white qrtz	<<1%	Grab		✓	✓						H. Brown
39688	L21+685E, 21+25N: Brecciated qrtz in rusted + fractured limestone	<<1%	Grab		✓	✓						H. Brown
39689	L21+700E, 20+75N: Phyllitic, chloritic cherty limestone	<1%	Grab		✓	✓						H. Brown
39690	L21+700E, 18+70N: Rusty grey limestone	<1%	Grab		✓	✓						H. Brown
39691	L21+650E, 18+75N: Phyllitic, chloritic green + red chert	<<1%	Grab		✓	✓						H. Brown
39692	L21+780E, 17+90N: Locally rusted + magnetic basalt	1%	Grab		✓	✓						H. Brown
39693	L21+920E, 21+65N: Chloritic, phyllitic limestone	<1%	Grab		✓	✓						H. Brown
39694	L21+890E, 18+40N: White qrtz vein in rusted basalt	1%	Grab		✓	✓						H. Brown
39695	L21+900E, 17+60N: Rusty basalt	1%	Grab		✓	✓						L. Gagnon
39701	L22+005E, 21+40N: coarse grained, med. grey possibly massive recrystallized limestone silicified	<1%	Grab		✓	✓						L Hosmer
39702	L22+010E / 22+00N: med. grey coarse grained massive recrystallized limestone	<1%	Grab		✓	✓						L Hosmer
39703	L22+100E, 18+75N: Weakly magnetic, dark green massive basalt with calcite veins	<1%	Grab		✓	✓						L Hosmer
39704	L22+100E, 18+40N: dark green massive basalt, weakly magnetic	<1%	Grab		✓	✓						L Hosmer
39705	L22+00E, 19+30N: Slightly magnetic, lt brown weathering recrystallized basaltic flow	<1%	Grab		✓	✓						L Hosmer

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105K-3

PROPERTY MINTEL

DATE

ROCK SAMPLE REPORT

PROJECT 333

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39519	RUSTY WEATHERING, BLEACHED Q-DIORITE? WITH MINOR QTZ VEINING + STOCKWORK		GRAB									
R39520	AS ABOVE WITH MINOR QTZ VEINLETS:		GRAB	10cm								
R39521	RUSTY STAINED, BLEACHED SHEAR ZONE IN Q-DIOR?		CHIP	40cm								
R39522	BLEACHED SILICIFIED Q-DIOR? MINOR Q-VEINLETS		CHIP	2cm								
R39523	ANGULAR FLOAT. WHITE QTZ + BLEACHED, SILICIFIED Q-DIOR WITH CUBIC VUGS		GRAB									
R39524	SHEARED Q-VEINING IN META-SEDIMENTS AT 6700E, 10355N (FROM RIPPER TRENCH) MINOR BLACK SULPHIDE MINERAL		GRAB									
R39525	MANGANESE STAINED Q-DIOR? FROM HAND TRENCH ~~#1~~ 1		CHIP	50cm								

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY _____ DATE _____

PROJECT _____

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39526	LIMONITE STAINED SILICIFIED +											
	VEINED, BLEACHED + CLAY ALT'D		CHIP	≈80cm								
	ZONE IN HAND TRENCH 1											
R39527	HEMATITE STAINED Q-DIOR?		CHIP	20cm								
	FROM HAND TRENCH 1											
R39528	LIMONITE STAINED + VEINED, ~~&~~		CHIP	2m								
	SILICIFIED Q-DIOR											
R39529	< 3cm QTZ-CARB VEIN IN		GRAB									
	CALCAREOUS PHYLITES											
	~6510E 10085N											
R39530	SHEAR ZONE WITH LIGHT BROWN -		CHIP	1.5cm								
	ORANGE QTZ-CARB (FELDSPAR?)											
	VEINING UP TO 1.5 cm @ AT											
	≈ 6590E 10120N											
R39531	MINOR QTZ-CARB Bx VEINING IN		GRAB									
	CHERT AT ~ 7575E, 10375N											
R39532	RUSTY PHYLLITE WITH MINOR QTZ-		GRAB									
	CARB ALT'N AT 5700E, 9575N											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY _____ DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39533	QTZ-FELDSPATHIC VEINING											
	IN SHEAR ZONE UP TO 1m WIDE.		GRAB									
	VEINING (1-2cm) IN BANDED											
	CHERTS + PHYLLITES											
R39534	CALCITE VEINING 1-2cm		GRAB									
	IN PHYLLITES + CHERT											
R39535	TERTIARY CGL IN Km 400		CHIP	1m								
	AREA											
R39536	RUSTY MED-DARK GREEN											
	SILICIFIED PHYLLITES		GRAB									
R39537	JOINTING IN BUFF CHERT WITH		CHIP	30cm								
	TR Py											
R39538	STRONGLY WEATHERED TERTIARY		GRAB									
	Cgl											
R39539	GREY GREEN CHERT		GRAB									

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

5/5

N.T.S. _____

PROPERTY _____ DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39547	DARK GREY FOLIATED SILICEOUS		GRAB									
	MATRIX WITH WHITE FELDSPAR											
	NODULES META SEDIMENT ?											

G = GEOCHEM A = ASSAY

APPENDIX 2

Results

NORANDA VANCOUVER LABORATORY

****

RTY/LOCATION:GREW CK. CODE :8710-023

roject No. :336 Sheet:1 of 7 Date rec'd:OCT.05

aterial :337 SOILS Geol.:R.S. Date compl:OCT.14

emarks :

Values in PPM, except where noted.

T.	SAMPLE No.	Ag	As	PPB Au
9	C2 - 38550E	0.2	4	10
	38600	0.2	2	10
	38650	0.2	4	10
	38750	0.2	2	10
	38800	0.2	1	10
	38850	0.2	1	10
	38900	0.2	1	10
	38950	0.2	1	10
	39000	0.2	4	10
	39050	0.2	4	10
	39100	0.2	1	10
	39150	0.2	2	10
	39200	0.2	1	10
	39250	0.2	1	10
	39300	0.2	1	10
	39350	0.2	1	10
	39400	0.2	1	10
	39450	0.2	1	10
	39500	0.2	1	10
	39550	0.2	6	10
	39650	0.2	8	10
	39700	0.2	6	10
	39750	0.2	2	10
	39800	0.2	4	10
	39950	0.2	10	10
	40100	0.2	8	10
	40250	0.2	2	10
	40300	0.2	12	10
	40450	0.2	10	10
	40500	0.2	4	10
	40550	0.6	8	10
	40600	0.2	4	10
	40650	0.2	2	10
	40800	0.2	1	10
	40850	0.2	6	10
	40900	0.2	2	10
	41000	0.2	2	10
	41050	0.2	4	10
	41100	0.2	2	10
	41150	0.2	1	10
	41200	0.2	4	10
	41350	0.2	8	10
	41400	0.2	4	10
	41450	0.2	2	10
	41500	0.2	1	10
	41700	0.2	2	10
	42150	0.2	4	10
C2 -	42200E	0.2	8	10

SAMPLE No.	Ag	As	PPB Au
C2 - 42300E	0.2	4	10
C2 - 42350E	0.2	6	10
C3 - 36500E	0.2	1	10
36550	0.2	4	10
36600 Mn	0.2	1	10
36750	0.2	4	10
36800	0.2	1	10
36950	0.2	4	10
37100	0.2	1	10
37150	0.2	6	10
37250	0.2	8	10
37300	0.2	6	10
37350	0.2	1	10
37400	0.2	1	10
37450	0.2	1	10
37500	0.2	8	10
37550	0.2	1	10
37650	0.2	4	10
37700	0.2	6	10
37750	0.2	1	10
37800	0.2	4	10
37850	0.2	1	10
37900	0.2	12	10
37950	0.2	4	10
38000	0.2	1	10
38100	0.2	1	10
38150	0.2	1	10
38200	0.2	8	10
38300	0.2	1	10
38350	0.2	6	10
38550	0.2	1	10
38600	0.2	6	10
38650	0.2	6	10
38700	0.2	1	10
38750	0.2	1	10
38800	0.2	4	10
38850	0.2	4	10
38900	0.2	10	10
38950	0.2	6	10
39000	0.2	4	10
39050	0.2	4	10
39150	0.2	10	10
39200	0.2	16	10
39300	0.2	10	10
39350	0.2	12	10
39400	0.2	6	10
39450	0.2	6	10
39500	0.2	1	10
39650	0.4	1	10
39700	0.2	1	10
39800	0.2	1	10
39850	0.2	6	10
39900	0.2	6	10
39950	0.2	2	10
40150	0.4	4	10
40200	0.2	4	10
C3 - 40450E	0.2	4	10

SAMPLE No.		Ag	As	PPB Au
C3 - 40500E		0.4	6	10
40550		0.2	8	10
40650		0.2	10	20
40700		0.2	10	10
40750		0.4	8	10
40800		0.2	4	10
41050		0.2	6	10
41100		0.2	10	10
41150		0.2	2	10
41250		0.8	6	10
41300		0.2	4	20
41400		1.0	4	10
41450		0.2	4	10
41500		0.2	4	10
41550		0.2	4	10
41600		0.2	1	10
41650		0.2	4	10
41700		0.2	8	10
41750		0.2	6	10
41800		0.2	12	10
41850		0.2	6	10
41900		0.2	12	10
41950		0.4	2	10
42000		0.2	6	10
CREEK NL-5		1.4	60	-
42050		0.4	1	10
42100		0.2	2	20
42150	HUMUS?	0.2	4	10
42200	HUMUS?	0.2	1	10
42800		0.2	2	180
42250		0.2	1	10
42300		0.2	1	10
42350		0.4	1	10
42500		0.2	1	10
42550		0.2	1	10
42600		0.2	6	10
42650		0.2	1	10
42700		0.2	1	10
42750		0.2	4	10
42850		0.2	4	10
42900		0.6	8	10
43000		0.2	1	10
43050		0.2	4	10
43100		0.2	12	10
43150		0.2	8	10
43200		0.2	10	10
43300		0.2	1	10
43350		0.2	1	10
43400		0.2	1	10
43600		0.2	2	10
43650		0.2	1	10
43850		0.8	16	10
43900		0.6	10	10
43950		0.8	4	10
44100		0.2	2	10
44150		0.2	1	10
C3 - 44200E		0.2	10	10

SAMPLE No.	Ag	As	PPB Au
C3 - 44250E	0.6	4	10
44400	0.2	16	10
44500	0.2	6	10
44550	0.2	10	10
44650	0.2	1	10
44700	0.6	4	10
44750	0.2	4	10
44800	0.2	6	10
44850	0.2	8	10
44900	0.2	10	10
44950	0.2	26	10
45000	0.2	18	10
C3 - 45050E	0.2	16	10
S7 - 10000N	0.2	20	10
10050	0.2	26	10
10100	0.2	12	10
10150	0.2	10	10
10200	0.4	12	10
10250	0.4	6	10
10350	0.2	4	10
10450	0.2	8	10
10500	0.4	8	10
10550	0.2	22	10
10600	0.2	2	10
10700	0.2	4	10
10750	0.6	8	10
10800	0.2	8	10
10850	0.2	6	10
S7 - 10900N	0.2	14	10
S8 - 10000N	0.2	4	20
10050	0.4	20	10
10100	0.4	12	10
10150	0.2	16	10
10200	0.2	14	10
10250	0.4	16	10
10350	0.2	16	10
10400	0.2	18	10
10450	0.2	18	10
10500	0.2	26	10
S8 - 10600N	0.2	16	10
S9 - 10150N	0.2	14	10
10200	0.4	12	10
10250	0.2	10	10
10300	0.2	14	10
10350	0.4	6	10
10400	0.2	6	10
10500	0.4	2	10
10600	0.2	4	10
10650	0.4	8	10
10800	0.2	14	10
10950	0.2	16	10
11000	0.4	4	10
11150	0.2	4	10
11200	0.4	2	10
11250	0.2	2	10
11300	0.4	8	10
S9 - 11350N	0.2	6	10

SAMPLE No.	Ag	As	PPB Au
S10 - 10000N	0.2	2	10
10050	0.4	2	10
10200	0.2	6	10
10250	0.2	12	10
10300	0.2	16	10
10350	0.2	2	10
10400	0.2	4	10
10500	0.2	2	10
10650	0.2	2	10
10750	0.4	2	10
10800	0.2	1	10
10850	0.2	1	10
11000	0.2	4	10
11100	0.2	2	10
11200	0.2	1	10
11250	0.4	1	10
S10 - 11350N	0.4	1	10
S11 - 10000N	0.4	1	10
10100	0.2	12	10
10150	0.2	4	10
10200	0.2	8	10
10250	0.4	6	10
10300	0.4	2	10
10400	0.2	1	10
10450	0.2	1	10
10500	0.2	1	10
10800	0.2	1	10
10850	0.2	1	10
10900	0.2	1	10
10950	0.2	1	10
11050	0.2	1	10
11100	0.2	1	10
11200	0.2	1	10
11350	0.2	1	10
11400	0.2	1	10
11450	0.4	1	10
11500	0.2	6	10
11550	0.2	4	10
S11 - 11600N	0.2	2	10
S12 - 10000N	0.2	2	10
10050	0.2	1	10
10100	0.2	1	10
10150	0.2	1	10
10200	0.4	1	10
10300	0.6	24	10
10350	0.2	1	10
10400	0.2	1	10
10450	1.8	1	10
10500	0.2	1	10
10550	0.4	1	10
10600	0.4	1	10
10650	0.2	1	10
10700	0.2	1	10
10775	0.2	1	10
10850	0.2	1	10
10900	0.2	1	10
S12 - 10950N	0.2	1	10

T.	SAMPLE No.	Ag	As	PPB Au
	S12 - 11000N	0.2	1	10
O	CHECK NL-5	1.4	54	-
1	11050	0.2	1	10
2	11200	0.2	1	10
3	11250	0.2	1	10
4	11350	0.2	2	10
5	11400	0.2	2	10
6	11450	0.2	2	10
7	11500	0.4	1	10
8	11550	0.4	1	10
9	11650	0.4	8	10
0	11700	0.2	6	10
1	S12 - 11750N	0.2	6	10
2	S13 - 10000N	0.2	1	10
3	10100	0.4	1	10
4	10150	0.2	1	10
5	10200	0.2	4	10
6	10250	0.2	1	10
7	10400	0.2	6	10
8	10450	0.4	1	10
9	10500	0.2	4	10
0	10550	0.2	4	60
	10600	0.4	2	10
	11350	0.2	2	10
	11400	0.2	4	10
	11500	0.2	4	10
	11550	0.2	2	10
	S13 - 11800N	0.4	2	10
	S14 - 10150N	0.2	6	10
	10200	0.2	4	10
	10300	0.4	4	10
	10350	0.2	2	10
	10400	0.2	2	10
	S14 - 10450N	0.4	6	10
	S15 - 10050N	0.2	4	10
	10100	0.2	2	10
	10150	0.2	2	10
	10300	0.4	2	10
	10500	0.4	2	10
	10650	0.2	4	10
	10900	0.4	6	10
	11000	0.2	4	10
	11050	0.4	2	10
	11100	0.4	2	10
	11150	0.4	2	10
	11200	0.4	4	10
	11300	0.4	2	10
	S15 - 11350N	0.2	2	10
	S12 - 10700N	0.4	2	10
	10750	0.2	6	10
	10800	0.2	4	10
ECK	NL-5	1.4	60	-
	10900	0.4	2	10
	10950	0.2	4	10
	11000	0.2	2	10
	11150	0.2	4	10
	S12 - 11200N	0.2	4	10

T.	SAMPLE No.	Ag	As	PPB Au	8710-023 Pg. 7 of 7
	S12 - 10650N	0.2	2	10	
7	10700	0.2	4	10	
8	10750	0.2	2	10	
9	10900	0.2	2	10	
0	11050	0.2	2	10	
1	11150	0.4	2	10	
2	11200	0.4	4	10	
3	S12 - 11350N	0.2	2	10	

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION:GREW CK. CODE :8710-007

Project No. :331 Sheet:1 of 4 Date rec'd:SEP.28
Material :207 SOILS Geol.:R.S. Date compl:OCT.06
Remarks :

Values in PPM, except where noted.

T. o.	SAMPLE No.	Ag	As	PPB Au
52	S2 - 10050N	0.6	1	10
53	10100	0.2	1	10
54	10225	0.2	1	10
55	10250	0.6	1	10
56	10275	0.2	2	10
57	10300	0.4	1	10
58	10325	0.2	1	10
59	10375	0.4	1	10
60	10400	0.4	1	10
61	10425	1.0	8	10
62	S2 - 10450N	0.4	10	10
63	S4 - 10500N	0.2	8	10
64	10550	0.8	4	10
65	10600	0.4	1	10
66	10700	0.2	1	10
	10750	0.2	1	10
68	10800	0.2	6	10
69	S4 - 10900N	0.2	1	10
70	S1 - 10025N	0.2	1	10
71	10100	0.8	1	10
72	10125	0.6	2	10
73	10150	0.6	1	10
74	10175	0.2	1	10
75	10200	0.4	1	10
76	10225	0.2	2	10
77	10250	0.6	1	10
78	10275	0.2	1	10
79	10300	0.6	1	10
80	10325	0.2	2	10
81	10350	0.4	4	10
82	10375	0.6	12	10
83	10400	0.2	2	10
84	10425	0.4	4	10
85	10450	0.2	10	10
	S1 - 10475N	0.2	1	10
	C3 - 48650E	0.4	1	10
	48700	1.0	1	10
	48750	0.2	2	10
	48800	0.6	4	10
	48850	0.4	1	10
	C3 - 48950E	0.6	2	10
	S5 - 10500E	0.2	1	10
	10550	0.2	1	10
	10600	0.2	1	10
	10700	0.2	1	10
	10775	0.4	1	10
	10800	0.4	1	10
	S5 - 10850E	0.2	1	10

Hg to follow

Humus to follow

SAMPLE No.	Ag	As	PPB Au
CHECK NL-5	1.4	58	-
S3 - 10000N	0.4	4	10
10025	0.2	6	10
10050	0.2	10	10
10075	0.2	4	10
10100	0.4	1	10
10125	0.4	6	10
10150	0.2	6	10
10175	0.2	6	10
10200	0.2	1	10
10225	0.2	1	10
10250	0.2	1	10
10275	0.4	1	10
10300	0.2	1	10
10325	0.4	1	10
10400	0.4	1	10
10525	0.2	1	10
10550	0.6	1	10
10575	0.4	1	10
10650	0.6	2	10
10675	0.6	2	10
10700	0.2	1	10
10725	0.6	2	10
10750	0.4	1	10
10775	0.2	1	10
10800	0.4	1	10
S3 - 10825N	0.4	1	10
S2 - 10500N	0.2	1	10
10525	0.4	2	10
10550	0.2	1	10
10575	0.2	1	10
10600	0.2	1	10
10625	0.2	1	10
10650	0.2	1	10
10675	0.2	4	10
10700	0.2	2	10
10725	0.2	1	10
S2 - 10750N	0.2	1	10
C3 - 46700E	0.2	1	10
46750	0.2	1	10
46800	0.2	1	10
46850	0.2	1	10
46900	0.2	1	10
46950	0.2	1	10
47000	0.2	1	10
47100	0.2	1	10
47150	0.2	1	10
47200	0.4	1	10
47300	0.4	1	10
47350	0.2	1	10
47400	0.4	1	10
47450	0.2	1	10
47500	0.8	2	10
47550	0.2	1	10
47600	0.4	1	10
47650	0.2	1	10

T	SAMPLE No.	Ag	As	PPB Au
9	C3 - 47850E	0.2	2	10
0	47900	0.2	1	10
1	47950	0.2	4	10
2	48000	0.2	6	10
3	48050	0.4	4	10
4	48100	0.2	2	10
5	48150	0.2	2	10
6	48200	0.2	1	10
7	48250	0.2	1	10
8	48300	0.4	1	10
9	48350	0.2	1	10
0	48400	0.2	1	10
1	48450	0.2	1	10
2	48500	0.2	1	10
3	48550	0.2	1	10
4	48600	0.2	2	10
5	C3 - 48650E	0.2	1	10
6	S6 - 10000N	0.6	20	10
7	10050	0.2	52	10
8	10100	0.4	6	10
9	10150	0.2	1	10
0	10200	0.2	1	10
1	10250	0.2	4	10
2	10300	0.2	1	10
	10350	0.2	1	10
4	10400	0.2	2	10
5	10500	0.2	2	10
6	10550	0.2	1	10
7	10600	0.2	16	10
8	10650	0.2	6	10
9	10700	0.2	10	10
0	10750	0.2	1	10
	10800	0.2	10	10
1	S6 - 10900N	0.2	1	10
2	S4 - 10000N	0.2	6	10
	10050	0.2	12	10
	10100	0.2	1	10
	10150	0.4	20	10
	10250	0.6	6	10
	10300	0.6	2	10
	10350	0.2	4	10
	10400	0.2	4	10
	S4 - 10450N	0.2	1	10
	C3 - 49100E	0.2	1	10
	49150	0.4	1	10
	49200	0.2	1	10
	49250	0.2	1	10
	49300	0.2	1	10
	49500	0.4	1	10
	49550	0.2	1	10
	49600	0.2	1	10
	49650	0.2	1	10
	49700	0.2	1	10
	49750	0.2	1	10
	C3 - 49800E	0.2	1	10
	S5 - 10000N	0.4	6	10
	S5 - 10050N	0.2	42	10

T	SAMPLE No.	Ag	As	PPB Au	8710-007 Pg. 4 of 4
6	S5 - 10100N	0.6	1	10	
7	10150	0.4	1	10	
8	10200	0.4	1	10	
9	10250	0.4	1	10	
0	10300	0.6	1	10	
1	10350	0.2	4	10	
2	10400	0.4	10	10	
3	S5 - 10450N	0.2	4	10	
4	S1 - 10500N	0.2	1	10	
5	10525	0.2	1	10	
6	10550	0.2	1	10	
7	10575	0.4	1	10	
8	10600	0.2	1	10	
9	10625	0.2	1	10	
0	10650	0.2	1	10	
1	10675	0.2	1	10	
2	10700	0.2	1	10	
3	10725	0.4	1	10	
4	10750	0.4	1	10	
5	10775	0.2	1	10	
6	10800	0.2	1	10	
7	10825	0.2	6	10	
8	10850	0.2	6	10	
9	S1 - 10900N	0.2	1	10	
	C3 - 45200E	0.2	8	10	
	45250	0.2	1	10	
	45500	0.2	120	10	
	45550	0.2	16	10	
	45600	0.2	1	10	
	45650	0.2	6	10	
	45700	0.2	1	10	
	45750	0.2	4	10	
	45800	0.2	1	10	
	45850	0.2	1	10	
	CHECK NL-5	1.2	58	-	
	45900	0.2	1	10	
	45950	0.2	4	10	
	46000	0.2	1	10	
	46100	0.4	6	10	
	46200	0.2	4	10	
	46350	0.2	1	10	
	46400	0.4	1	10	
	46450	0.4	1	10	
	46500	0.2	1	10	
	46550	0.6	1	10	
	46600	0.8	1	10	
	C3 - 46650E	0.4	1	10	

Grow Cr (KS) 8710-023

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 5 1987
DATE REPORT MAILED: Oct 19/87

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: HUMUS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-023.336 File # 87-4725 Page 1

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C2 38300E	.2	3	1	60
C2 38350E	.5	12	1	70
C2 38400E	.1	3	1	80
C2 38450E	.1	4	2	30
C2 38500E	.1	2	1	20
C2 38550E	.3	2	1	20
C2 38600E	.3	2	1	30
C2 38650E	.3	4	1	40
C2 38700E	.2	4	1	20
C2 38750E	.2	2	1	40
C2 38800E	.2	3	1	30
C2 38850E	.3	2	1	30
C2 38900E	.1	4	1	40
C2 38950E	.2	2	1	120
C2 39000E	.3	2	2	70
C2 39050E	.3	3	1	90
C2 39150E	.2	2	1	50
C2 39700E	.2	2	1	150
C2 39750E	.3	9	1	80
C2 39800E	.2	4	1	20
C2 39850E	.1	2	2	20
C2 39900E	.2	5	1	60
C2 39950E	.2	4	1	40
C2 40100E	.1	2	1	50
C2 40200E	.2	5	1	60
C2 40250E	.2	2	1	130
C2 40300E	.3	8	1	60
C2 40350E	.6	28	1	40
C2 40400E	.1	5	1	50
C2 40450E	.3	8	1	10
C2 40500E	.1	4	1	20
C2 40550E	.1	3	1	20
C2 40600E	.1	2	1	40
C2 40650E	.1	2	1	30
C2 40700E	.1	2	2	10
C2 40750E	.2	2	1	20
STD C/AU-S	7.4	41	49	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C2 40800E	.2	2	2	20
C2 40850E	.2	3	1	10
C2 40900E	.1	10	1	5
C2 40950E	.1	7	4	50
C2 41000E	.1	4	2	5
C2 41050E	.1	3	1	10
C2 41100E	.1	2	1	5
C2 41150E	.1	6	3	10
C2 41200E	.4	5	3	90
C2 41300E	.1	4	1	30
C2 41350E	.1	7	1	10
C2 41400E	.3	3	4	10
C2 41450E	.1	3	3	20
C2 41500E	.2	3	1	30
C2 41550E	.1	2	1	10
C2 41650E	.1	2	1	20
C2 41700E	.1	4	2	60
C2 41750E	.3	2	1	30
C2 41900E	.1	2	1	20
C2 41950E	.1	3	1	60
C2 42050E	.1	2	1	20
C2 42100E	.1	2	1	30
C2 42150E	.2	6	3	30
C2 42200E	.1	4	1	20
C2 42250E	.1	2	2	20
C2 42300E	.1	3	1	50
C3 37850E	.3	2	1	40
C3 37900E	.3	2	2	30
C3 37950E	.1	5	1	30
C3 38000E	.2	2	2	50
C3 38050E	.1	2	1	60
C3 38100E	.2	3	1	40
C3 38150E	.5	2	1	30
C3 38200E	.1	2	1	20
STD C/AU-S	7.2	42	49	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3 38250E	.1	2	1	10
C3 38300E	.1	3	1	30
C3 38350E	.1	2	1	20
C3 38400E	.1	2	1	30
C3 38450E	.1	2	1	40
C3 38500E	.1	2	1	40
C3 38550E	.1	2	1	10
C3 38600E	.1	2	1	20
C3 38650E	.1	2	1	20
C3 38700E	.1	2	2	30
C3 38750E	.5	3	1	80
C3 38850E	.1	2	1	30
C3 38900E	.2	3	1	40
C3 39000E	.2	2	1	50
C3 39050E	.1	2	1	10
C3 39100E	.1.	2	1	30
C3 39200EB	.1	2	1	20
C3 39300E	.1	5	3	10
C3 39300EB	.1	6	1	20
C3 39350E	.1	7	1	10
C3 39350EB	.1	6	1	20
C3 39400E	.2	2	2	10
C3 39400EB	.1	5	4	10
C3 39450E	.1	3	1	30
C3 39450EB	.2	2	1	20
C3 39500E	.2	2	1	10
C3 39500EB	.1	6	1	10
C3 39550E	.2	8	1	50
C3 39600E	.1	2	1	70
C3 39600EB	.1	7	1	60
C3 39650E	.2	2	1	50
C3 39650EB	.2	2	1	40
C3 39700E	.2	2	2	10
C3 39750E	.1	2	1	10
C3 39800E	.1	4	1	20
C3 39850E	.4	2	1	30
STD C/AU-S	7.3	36	48	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3 39900E	.1	3	1	10
C3 39950E	.1	4	1	10
C3 40000E	.1	2	1	30
C3 40050E	.1	2	1	20
C3 40100E	.1	2	1	10
C3 40150E	.2	5	1	20
C3 40200E	.1	3	1	30
C3 40250E	.1	2	1	10
C3 40300E	.1	2	1	10
C3 40350E	.1	2	2	60
C3 40400E	.1	2	2	5
C3 40450E	.1	2	1	10
C3 40500E	.1	6	1	20
C3 40550E	.1	5	1	20
C3 43300E	.3	3	1	40
C3 43350E	.2	2	1	90
C3 43400E	.7	3	1	70
C3 43450E	.3	2	1	60
C3 43500E	.6	2	2	70
C3 43550E	.3	2	1	40
C3 43600E	.2	2	1	50
C3 43650E	.1	4	1	140
C3 43700E	.1	3	1	40
C3 43750E	.2	4	1	130
C3 43800E	.1	2	1	30
C3 43850E	.5	2	1	150
C3 43900E	.4	2	1	70
C3 43950E	.5	3	1	80
C3 44000E	.4	3	1	40
C3 44050E	.1	2	1	20
C3 44100E	.6	2	4	70
C3 44150E	.3	2	1	130
C3 44250E	1.0	18	2	100
C3 44300E	.1	3	1	50
C3 44350E	.7	14	3	180
C3 44450E	.2	2	1	60
STD C/AU-S	6.9	39	49	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3 44500E	.3	4	1	100
C3 44600E	.1	2	1	80
C3 44650E	.1	2	1	110
C3 44700E	.1	2	2	60
C3 44750E	.3	2	1	40
C3 44800E	.5	2	1	80
C3 44850E	.6	2	1	20
C3 44900E	.6	2	1	10
C3 44950E	.6	2	1	10
C3 45000E	1.0	2	1	110
C3 45050E	.8	2	1	90
LC3 36500E	.1	2	1	30
LC3 36550E	.1	2	1	50
LC3 36600E	.1	6	2	10
LC3 36650E	.1	2	1	90
LC3 36700E	.1	2	1	80
LC3 36750E	.1	6	1	10
LC3 36800E	.1	8	1	40
LC3 36850E	.1	2	1	70
LC3 36900E	.1	2	1	60
LC3 37000E	.1	2	1	40
LC3 37050E	.1	2	1	50
LC3 37100E	.1	5	1	10
LC3 37150E	.2	8	1	40
LC3 37200E	.1	2	1	50
LC3 37250E	.1	14	1	20
LC3 37300E	.1	7	1	10
LC3 37350E	.1	4	1	20
LC3 37400E	.1	2	1	40
LC3 37450E	.1	6	1	10
LC3 37500E	.1	2	1	30
LC3 37550E	.1	5	1	10
LC3 37600E	.1	2	1	40
LC3 37700E	.1	2	1	5
LC3 37750E	.1	7	1	20
LC3 37800E	.1	7	1	10
STD C/AU-S	7.1	39	51	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
LC3 40600E	.1	10	1	50
LC3 40650E	.1	16	1	10
LC3 40750E	.1	4	1	40
LC3 40800E	.3	4	1	50
LC3 40850E	.1	2	1	60
LC3 40900E	.1	3	1	50
LC3 40950E	.1	4	1	40
LC3 41000E	.3	9	2	80
LC3 41150E	.1	2	1	50
LC3 41200E	.1	2	1	30
LC3 41250E	1.5	17	2	200
LC3 41300E	.6	3	1	80
LC3 41350E	.2	6	1	90
LC3 41400E	.9	10	1	50
LC3 41450E	.4	2	1	90
LC3 41500E	1.2	5	2	110
LC3 41550E	.1	3	1	30
LC3 41650E	.1	2	1	60
LC3 41750E	.2	3	1	70
LC3 41800E	.1	2	1	100
LC3 41850E	.2	6	2	80
LC3 41900E	.1	2	1	90
LC3 41950E	.1	11	88	30
LC3 42000E	.1	5	1	10
LC3 42050E	.1	2	1	20
LC3 42100E	.2	2	1	30
LC3 42150E	.1	11	1	40
LC3 42200E	.1	14	1	20
LC3 42250E	.1	11	1	10
LC3 42300E	.1	17	1	10
LC3 42350E	.2	2	2	80
LC3 42400E	.3	2	1	90
LC3 42450E	.1	2	1	50
LC3 42500E	.1	3	2	70
LC3 42550E	.1	9	1	20
LC3 42600E	.3	11	1	20
STD C/AU-S	7.2	38	51	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
LC3 42650E	.1	3	6	110
LC3 42700E	.1	13	9	5
LC3 42750E	.1	12	13	10
LC3 42800E	.1	16	7	5
LC3 42850E	.3	11	4	10
LC3 42900E	.1	9	1	10
LC3 42950E	.1	2	1	70
LC3 43000E	.2	2	1	90
LC3 43050E	.1	10	1	20
LC3 43100E	.1	9	1	10
LC3 43150E	.1	12	1	5
LC3 43200E	.6	2	1	130
LS12 10000N	.1	10	1	5
LS12 10050N	.2	8	22	10
LS12 10100N	.1	5	1	5
LS12 10200N	.1	5	1	20
LS12 10250N	.2	2	1	40
LS12 10350N	.1	13	2	10
LS12 10400N	.1	8	1	5
LS12 10450N	1.8	10	1	140
LS12 10500N	.1	15	1	5
LS12 10550N	.3	14	1	10
LS12 10650N	.1	12	1	10
LS12 10700N	.1	10	1	5
LS12 10750N	.1	13	1	5
LS12 10800N	.1	8	1	80
LS12 10850N	.2	2	1	40
LS12 10900N	.2	2	2	60
LS12 10950N	.1	6	1	5
LS12 11000N	.1	9	1	10
LS12 11050N	.2	2	1	50
LS12 11100N	.1	2	1	70
LS12 11150N	.2	2	1	60
LS12 11200N	.1	14	1	10
LS12 11250N	.3	2	1	60
S7 10000N	.3	27	1	20
STD C/AU-S	7.1	38	50	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S7 10150N	.2	9	6	20
S7 10200N	.1	12	3	10
S7 10350N	.1	10	1	20
S7 10400N	.1	6	4	70
S7 10550N	.1	13	1	10
S7 10600N	.1	15	1	5
S7 10650N	.1	14	1	10
S7 10700N	.1	12	3	10
S7 10750N	.3	3	1	60
S7 10800N	.2	4	1	30
S7 10850N	.1	2	1	30
S8 10000N	.1	11	4	20
S8 10050N	.4	10	1	20
S8 10100N	.2	16	1	30
S8 10150N	.1	7	1	5
S8 10250N	.1	8	1	20
S8 10300N	.4	10	1	20
S8 10350N	.1	3	1	10
S8 10400N	.1	7	1	30
S8 10450N	.1	14	8	20
S8 10500N	.1	8	1	10
S8 10550N	.2	3	1	40
S8 10650N	.1	4	1	30
S8 10700N	.1	7	1	20
S8 10750N	.1	11	1	20
S9 10100N	.1	3	1	90
S9 10250N	.3	2	1	80
S9 10300N	.1	5	1	60
S9 10350N	.1	3	1	80
S9 10400N	.1	2	1	100
S9 10500N	.1	2	1	130
S9 10550N	.2	5	1	20
S9 10600N	.3	2	1	50
S9 10650N	.1	5	2	60
S9 10700N	.2	6	1	70
S9 10750N	.1	3	1	30
STD C/AU-S	7.1	41	48	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S9 10850N	.1	3	19	140
S9 10900N	.1	2	1	110
S9 10950N	.2	4	1	160
S9 11000N	.2	4	1	120
S9 11050N	.1	2	1	40
S9 11200N	.1	11	1	20
S9 11250N	.2	5	1	20
S9 11300N	.1	5	1	20
S9 11350N	.1	5	1	110
S10 10000N	.2	3	1	100
S10 10050N	.5	5	2	50
S10 10100N	.1	2	1	70
S10 10150N	.1	4	1	60
S10 10200N	.4	4	2	70
S10 10300N	.3	4	1	50
S10 10350N	.2	4	1	40
S10 10400N	.3	3	2	50
S10 10450N	.1	2	1	50
S10 10500N	.3	3	1	90
S10 10550N	.2	2	1	70
S10 10600N	.1	8	1	80
S10 10650N	.1	3	2	70
S10 10700N	.1	2	1	50
S10 10750N	.2	3	1	60
S10 10800N	.1	2	2	60
S10 10850N	.1	3	1	40
S10 10900N	.1	5	3	70
S10 10950N	.1	2	1	30
S10 11000N	.1	2	1	60
S10 11050N	.1	3	1	50
S10 11100N	.1	2	1	30
S10 11150N	.1	2	1	50
S10 11200N	.2	3	2	60
S10 11250N	.4	3	1	40
S10 11300N	.3	2	1	70
S10 11350N	.1	4	2	60
STD C/AU-S	7.6	42	49	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S11 10050N	.2	2	1	60
S11 10150N	.5	2	1	70
S11 10250N	.4	3	1	80
S11 10300N	.3	2	1	30
S11 10350N	.2	2	1	80
S11 10450N	.2	4	1	20
S11 10500N	.1	2	2	60
S11 10550N	.1	2	2	50
S11 10600N	.1	2	1	70
S11 10650N	.1	2	2	20
S11 10800N	.1	3	2	40
S11 10900N	.2	2	2	130
S11 10950N	.1	3	1	320
S11 11000N	.1	2	2	50
S11 11050N	.1	3	2	130
S11 11100N	.1	6	1	50
S11 11150N	.1	5	1	40
S11 11200N	.4	2	1	120
S11 11250N	.2	2	1	100
S11 11300N	.1	4	1	90
S11 11350N	.3	3	2	60
S11 11400N	.2	2	1	70
S11 11450N	.1	9	1	80
S11 11500N	.1	8	1	30
S11 11550N	.1	2	2	50
S11 11650N	.1	2	1	120
S11 11700N	.1	2	1	100
S11 11750N	.1	5	1	20
S12 11400N	.1	6	4	10
S12 11500N	.2	6	2	20
S12 11600N	.2	2	1	90
S12 11650N	.1	5	1	10
S12 11700N	.1	2	1	20
S12 11750N	.1	2	1	10
S12 11800N	.1	3	1	80
S13 10000N	.1	6	1	10
STD C/AU-S	7.1	41	47	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S13 10050N	.2	3	1	50
S13 10100N	.1	2	1	60
S13 10150N	.1	2	1	50
S13 10200N	.1	3	1	5
S13 10250N	.1	7	2	10
S13 10300N	.3	5	1	70
S13 10350N	.1	2	2	40
S13 10400N	.1	8	1	10
S13 10450N	.2	10	1	30
S13 10550N	.2	7	1	20
S13 10600N	.1	2	2	20
S13 10650N	.3	2	1	50
S13 10700N	.1	5	1	10
S13 10750N	.1	3	1	20
S13 10800N	.1	5	1	20
S13 10850N	.2	2	2	10
S13 10900N	.1	7	1	10
S13 10950N	.1	4	1	30
S13 11000N	.1	2	2	10
S13 11050N	.2	268	1	40
S13 11100N	.1	10	1	30
S13 11150N	.1	19	2	10
S13 11200N	.1	5	1	5
S13 11250N	.2	2	1	40
S13 11300N	.1	2	1	30
S13 11350N	.1	2	2	20
S13 11350NB	.1	2	1	30
S13 11400N	.1	2	1	110
S13 11450N	.5	2	2	40
S13 11500N	.2	2	1	160
S13 11550N	.2	3	4	50
S13 11600N	.2	88	1	50
S13 11650N	.1	2	1	30
S13 11700N	.1	2	1	80
S13 11750N	.1	3	1	60
S14 10050N	.1	6	2	20
STD C/AU-S	7.6	43	47	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S14 10150N	.1	13	1	20
S14 10200N	.1	5	3	10
S14 10250N	.1	2	1	30
S14 10300N	.3	6	1	20
S14 10350N	.1	7	1	10
S14 10400N	.2	3	1	10
S14 10450N	.1	2	1	5
S14 10550N	.1	2	2	40
S14 10600N	.1	3	1	70
S14 10650N	.1	4	1	5
S14 10700N	.1	2	1	5
S14 10750N	.1	7	2	10
S14 10800N	.2	2	1	100
S14 10850N	.1	3	1	50
S14 10900N	.1	7	1	10
S14 10950N	.1	13	1	20
S14 11000N	.1	4	1	30
S14 11100N	.2	2	1	30
S14 11150N	.1	7	2	60
S14 11200N	.2	2	1	10
S14 11350N	.1	2	3	30
S15 10000N	.1	2	2	90
S15 10050N	.1	2	1	20
S15 10100N	.1	2	1	10
S15 10150N	.3	2	1	50
S15 10200N	.1	2	1	60
S15 10250N	.1	2	1	70
S15 10300N	.2	2	2	60
S15 10350N	.1	3	1	40
S15 10400N	.2	2	2	60
S15 10450N	.3	2	1	50
S15 10500N	.1	3	1	40
S15 10550N	.3	2	2	20
S15 10600N	.4	2	1	60
S15 10650N	.1	2	1	40
S15 10700N	.1	2	1	50
STD C/AU-S	7.3	43	48	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S15 10750N	.1	2	12	40
S15 10800N	.1	2	1	30
S15 10850N	.1	2	1	20
S15 10900N	.1	2	1	40
S15 10950N	.1	2	1	50
S15 11000N	.1	2	1	70
S15 11050N	.1	2	1	40
S15 11100N	.1	5	1	80
S15 11150N	.1	2	1	30
S15 11200N	.1	8	1	70
S15 11250N	.1	3	1	100
S15 11300N	.1	2	1	90
S15 11350N	.1	2	1	80
STD C/AU-S	7.1	42	48	1300

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011
DATE RECEIVED: SEPT 28 1987
DATE REPORT MAILED: Oct 11/87

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 LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: HUMUS AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.
HG ANALYSIS BY FLAMELESS AA.

Grw G (RG) 8710-007

ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-007-331 File # 87-4560

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3 45200E	.8	2	1	90
C3 45250E	.3	2	1	30
C3 45300E	.3	3	1	70
C3 45350E	.3	3	1	60
C3 45400E	.3	3	1	50
C3 45450E	.3	2	2	60
C3 45500E	.4	2	1	40
C3 45550E	.4	16	1	50
C3 45600E	.2	4	1	20
C3 45650E	.3	2	1	90
C3 45700E	.6	6	1	70
C3 45750E	1.3	2	1	90
C3 45800E	1.4	2	1	120
C3 45850E	.8	2	1	80
C3 45900E	.6	2	1	60
C3 45950E	1.2	2	1	70
C3 46000E	.4	9	1	20
C3 46050E	.5	26	1	30
C3 46100E	.3	5	1	10
C3 46150E	.2	11	1	20
C3 46200E	.1	7	1	30
C3 46250E	.5	6	1	10
C3 46350E	.3	10	1	30
C3 46400E	.3	4	2	5
C3 46450E	.3	13	1	40
C3 46500E	.5	11	1	50
C3 46550E	.2	4	1	30
C3 46600E	.2	10	1	30
C3 46650E	.3	10	1	80
C3 46700E	.3	5	1	20
C3 46750E	.2	5	1	30
C3 46800E	.3	2	1	20
C3 46850E	.1	7	1	10
C3 46900E	.3	8	1	30
C3 46950E	.2	11	1	10
C3 47000E	.3	13	1	20
STD C/AU-S	7.2	38	52	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3 47050E	.2	9	2	20
C3 47100E	.1	7	1	10
C3 47150E	.1	8	1	20
C3 47200E	.3	11	1	40
C3 47300E	.2	7	1	80
C3 47350E	.1	3	1	60
C3 47400E	.3	6	1	70
C3 47450E	.2	3	1	60
C3 47500E	.3	7	3	50
C3 47550E	.1	2	1	20
STD C/AU-S	6.9	38	50	1400
C3 47600E	.3	9	1	60
C3 47650E	.2	11	1	50
C3 47700E	.3	6	1	70
C3 47750E	.1	2	1	20
C3 47800E	.1	2	1	30
C3 47850E	.1	2	1	20
C3 47900E	.3	4	2	50
C3 47950E	.1	3	1	20
C3 48000E	.1	3	1	40
C3 48050E	.2	4	1	10
C3 48100E	.2	3	1	20
C3 48150E	.1	5	1	10
C3 48500E	.2	3	1	20
C3 49100E	.1	2	1	30
C3 49150E	.2	2	2	40
C3 49200E	.1	6	1	30
C3 49250E	.1	2	1	10
C3 49300E	.4	4	3	30
C3 49350E	.1	3	1	40
C3 49400E	.2	2	1	30
C3 49450E	.3	2	1	20
C3 49500E	.1	3	1	20
C3 49550E	.3	5	1	20
C3 49650E	.4	8	1	30
C3 49700E	.1	6	1	40
C3 49750E	.1	5	1	30

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S1 10900N	.4	2	4	50
S1 10875N	1.3	2	6	60
S1 10850N	.3	2	1	5
S1 10800N	.3	2	2	10
S1 10775N	.2	2	1	10
S1 10725N	.5	2	1	30
S1 10600N	.1	2	1	50
S1 10575N	.8	3	1	40
S1 10550N	.1	2	4	10
S1 10525N	.4	4	1	30
S1 10500N	.2	2	1	40
S1 10475N	.2	2	1	30
S1 10450N	.1	2	1	50
S1 10425N	.1	2	2	20
S1 10400N	.2	2	1	30
S1 10375N	.3	2	2	20
S1 10350N	.2	2	1	50
S1 10325N	.4	2	1	50
S1 10300N	.2	2	1	20
S1 10275N	.4	2	1	40
S1 10250N	.1	2	1	20
S1 10225N	.1	2	7	60
S1 10200N	.1	2	1	50
S1 10175N	.1	2	1	30
S1 10150N	.1	4	1	40
S1 10125N	.2	8	1	70
S1 10100N	.1	2	1	10
S1 10075N	.2	2	1	40
S1 10050N	.1	2	37	20
S1 10025N	.1	2	1	50
S1 10000N	.1	2	1	30
S2 10750N	.1	2	2	40
S2 10725N	.2	3	1	10
S2 10700N	.2	2	1	10
S2 10675N	.1	3	1	5
S2 10650N	.2	2	1	20
STD C/AU-S	7.2	39	52	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S2 10625N	.1	3	1	10
S2 10600N	.1	3	1	5
S2 10575N	.1	4	4	30
S2 10550N	.2	11	2	20
S2 10525N	.1	6	2	10
S2 10500N	.1	9	1	10
S2 10475N	.1	6	1	5
S2 10450N	.2	6	1	5
S2 10425N	.2	2	1	10
S2 10400N	.1	8	1	20
S2 10300N	.1	3	1	5
S2 10250N	.1	4	1	5
S2 10225N	.2	2	1	10
S2 10175N	.1	2	1	5
S2 10150N	.1	6	2	10
S2 10125N	.3	6	1	10
S2 10100N	.1	2	1	10
S2 10025N	.2	12	1	40
S3 10900N	.1	2	1	60
S3 10875N	.1	2	1	80
S3 10850N	.1	2	1	30
S3 10825N	.2	2	1	40
S3 10800N	.5	7	1	60
S3 10775N	.1	4	1	40
S3 10750N	.1	4	1	50
S3 10725N	.3	5	2	70
S3 10700N	.5	2	1	30
S3 10675N	1.3	2	1	50
S3 10650N	.1	5	1	20
S3 10625N	.1	2	1	30
S3 10600N	.1	4	2	40
S3 10575N	.2	4	1	30
S3 10550N	.3	10	1	50
S3 10525N	.2	2	1	30
S3 10500N	.3	5	1	50
S3 10475N	.2	2	1	60
STD C/AU-S	7.6	40	49	1500

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S3 10450N	.1	2	1	40
S3 10425N	.1	2	1	30
S3 10400N	.1	2	1	30
S3 10375N	.1	2	1	40
S3 10350N	.1	2	1	30
S3 10325N	.4	2	2	50
S3 10300N	.3	2	1	40
S3 10275N	.9	2	1	50
S3 10250N	1.3	2	1	20
S3 10125N	.2	4	1	30
S3 10100N	.6	3	1	60
S3 10075N	1.3	3	1	10
S3 10000N	.4	3	1	30
S4 10900N	.1	10	1	20
S4 10800N	.1	10	1	5
S4 10750N	.1	2	1	10
S4 10650N	.2	8	1	20
S4 10600N	.1	9	2	10
S4 10550N	.7	7	1	10
S4 10500N	.2	2	1	20
S4 10450N	.8	2	1	30
S4 10400N	.3	2	2	5
S4 10300N	.1	2	1	10
S4 10250N	.1	4	1	50
S4 10200N	.1	6	1	20
S4 10150N	.3	2	2	30
S5 10850N	.1	9	1	30
S5 10800N	.2	2	1	50
S5 10750N	.1	2	1	10
S5 10700N	.1	8	1	1
S5 10650N	.1	6	2	1
S5 10600N	.1	12	1	10
S5 10550N	.1	6	2	20
S5 10500N	.1	10	3	5
S5 10450N	.4	2	1	40
S5 10400N	.5	2	1	20
STD C/AU-S	7.4	40	47	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S5 10350N	.3	10	1	40
S5 10250N	.1	3	4	60
S5 10150N	.9	4	1	50
S5 10000N	.2	21	1	10
LS6 10+900N A	.2	5	2	40
LS6 10+850N A	.1	60	1	60
LS6 10+800N A	.2	8	1	30
LS6 10+750N A	.2	2	1	30
LS6 10+700N A	.3	2	1	90
LS6 10+650N A	.8	2	1	40
LS6 10+600N A	.3	2	1	50
LS6 10+550N A	.8	2	1	60
LS6 10+500N A	.4	2	1	40
LS6 10+400N A	.3	2	1	60
LS6 10+350N A	.1	2	1	50
LS6 10+300N A	.3	2	2	70
LS6 10+250N A	.1	2	1	90
LS6 10+200N A	.1	2	2	70
LS6 10+000N A	.3	2	1	50
STD C/AU-S	7.2	39	52	1300

NORANDA VANCOUVER LABORATORY

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(TY/LOCATION:GREW CK. CODE :8710-044

oject No. :336 Sheet:1 of 5 Date rec'd:OCT.13

terial :229 SOILS Geol.:M.T. Date compl:OCT.23

marks :

Values in PPM, except where noted.

SAMPLE No.	Ag	As	PPB Au
C2 - 33100E	0.2	6	20
33200	0.2	10	10
33250	0.2	1	10
33350	0.2	2	10
33400	0.2	2	10
33450	0.2	6	10
33500	0.2	4	10
33550	0.2	2	10
33600	0.2	2	10
33650	0.2	1	10
33700	0.2	1	10
33750	0.2	1	10
33800	0.2	1	10
33850	0.2	1	10
33900	0.2	1	10
33950	0.2	1	10
34000	0.2	1	10
34050	0.2	1	10
34100	0.2	1	10
34150	0.2	1	10
34200	0.2	1	10
34250	0.2	1	10
34300	0.2	1	10
34350	0.2	1	10
34450	0.2	1	10
34500	0.2	2	10
34550	0.2	1	10
34650	0.4	8	10
35600	0.4	2	10
35650	0.2	2	10
35700	0.2	2	10
35750	0.2	2	10
35800	0.2	2	10
35850	0.2	2	10
35900	0.2	2	10
36000	0.2	2	10
36050	0.2	2	10
36100	0.2	2	10
36150	0.2	2	10
36250	0.2	4	10
36300	0.2	4	10
36350	0.2	2	10
36400	0.4	8	10
36450	0.2	2	10
36500	0.2	2	10
36650	0.4	2	10
36700	0.2	1	10
C2 - 36750E	0.2	4	10

SAMPLE No.	Ag	As	PPB Au
C2 - 36800E	0.2	2	10
36850	0.2	2	10
36900	0.2	4	10
37000	0.2	6	10
37050	0.2	1	10
37100	0.2	1	10
37300	0.2	1	10
37400	0.2	1	10
37400 DUP?	0.2	1	10
37450	0.2	1	10
37500	0.2	1	10
37550	0.2	1	10
37600	0.4	1	10
37750	0.4	1	10
37800	0.2	1	10
37850	0.4	1	10
38150	0.2	1	10
C2 - 38250E	0.2	1	10
C3 - 31550E	0.2	1	10
31800	0.2	1	10
31850	0.2	6	10
31950	0.2	4	10
32000	0.2	1	10
32050	0.6	2	10
32100	0.6	4	10
32200	0.2	10	10
32250	0.2	2	10
32350	0.2	2	10
32400	0.2	2	10
32450	0.2	6	10
32500	0.2	2	10
32550	0.2	1	10
32600	0.2	1	10
32650	0.2	1	10
32700	0.2	2	10
32750	0.2	4	10
32800	0.2	4	10
32850	0.4	2	10
32900	0.4	8	10
32950	0.2	1	10
33000	0.2	1	10
33050	0.2	2	10
33100	0.2	2	10
33150	0.4	1	10
33200	0.2	1	10
33250	0.2	1	10
33300	0.2	8	10
33700	0.2	10	10
33800	0.2	4	10
34100	0.2	2	10
NL-5	1.4	56	-
34150	0.2	2	10
34200	0.2	2	10
34250	0.4	4	10
34300	0.2	2	10
34350	0.2	1	10
C3 - 34400E	0.2	1	10

SAMPLE No.	Ag	As	PPB Au
C3 - 34450E	0.2	1	10
34500	0.2	2	10
34600	0.2	1	10
34700	0.2	1	10
34750	0.6	6	10
34800	0.2	2	10
34850	0.2	2	10
34900	0.2	6	10
34950	0.2	2	10
35050	0.2	2	10
35100	0.2	1	10
35150	0.2	1	10
35200	0.4	1	10
35250	0.2	1	10
35300	0.2	1	10
35350	0.2	1	10
35400	0.2	2	10
35450	0.2	2	10
35500	0.2	2	10
35550	0.2	2	10
35600	0.2	6	10
35650	0.4	2	10
35700	0.4	2	10
35750	0.2	4	10
35800	0.2	1	10
35850	0.2	1	10
35900	0.2	10	10
36200	0.2	1	10
36300	0.2	1	10
C3 - 36450E	0.2	4	10
S14 - 11400N	0.2	2	10
S14 - 11500N	0.4	2	10
S15 - 11400N	0.2	8	10
11450	0.2	6	10
11500	0.2	2	10
11600	0.2	4	10
11700	0.2	8	10
11750	0.2	6	10
S15 - 11800N	0.2	4	10
S16 - 11400N	0.2	4	10
11450	0.2	2	10
11550	0.2	6	10
11600	0.2	2	10
11650	0.2	1	10
11700	0.2	1	10
S16 - 11750N	0.2	1	10
S17 - 10000N	0.2	1	10
10050	0.2	4	10
10100	0.2	1	10
10200	0.2	1	10
10250	0.2	1	10
10300	0.2	2	10
10350	0.2	1	10
10400	0.2	6	10
10450	0.2	2	10
10500	0.2	1	10
S17 - 10550N	0.2	2	10

SAMPLE No.	Ag	As	PPB Au	8710-044 Pg. 4 of 5
S17 - 10600N	0.2	1	10	
10750	0.2	4	10	
10800	0.2	6	10	
10900	0.2	2	10	
10950	0.2	6	10	
11000	0.2	1	10	
11050	0.2	1	10	
11100	0.2	1	10	
11150	0.2	1	10	
11200	0.2	1	10	
11250	0.2	4	10	
11300	0.2	6	10	
11350	0.2	1	10	
11400	0.2	4	10	
11450	0.2	1	10	
11500	0.2	2	10	
11550	0.2	2	10	
11600	0.2	6	10	
S17 - 11700N	0.2	4	10	
S18 - 10000N	0.2	2	10	
10050	0.2	1	10	
10100	0.2	1	10	
10200	0.2	2	10	
10250	0.2	1	10	
10300	0.2	1	10	
10400	0.2	1	10	
10450	0.2	1	10	
10500	0.2	1	10	
10550	0.2	1	10	
10600	0.2	1	10	
10650	0.2	1	10	
10700	0.2	1	10	
10750	0.2	6	10	
10800	0.2	2	10	
10850	0.2	1	10	
11000	0.2	1	10	
11050	0.2	2	10	
11250	0.2	1	10	
11300	0.2	1	10	
11350	0.2	1	10	
11400	0.2	1	10	
11450	0.2	1	10	
11500	0.2	1	10	
11600	0.2	1	10	
11650	0.2	1	10	
S18 - 11700N	0.2	4	10	
S19 - 10000N	0.2	4	10	
10100	0.2	2	10	
10150	0.2	1	10	
10200	0.2	6	10	
10250	0.2	1	10	
10300	0.2	4	10	
10400	0.2	6	10	
10500	0.2	4	10	
10600	0.2	4	10	
S19 - 10650N	0.2	1	10	
S21 - 10000N	0.2	2	10	

SAMPLE No.	Ag	As	PPB Au
S21 - 10050N	0.2	1	10
10100	0.2	1	10
10150	0.2	1	10
10250	0.2	2	10
10400	0.2	2	10
10450	0.2	1	10
10700	0.2	1	10
10750	0.2	1	10
10800	0.2	2	10
10850	0.2	1	10
S21 - 10900N	0.2	1	10

Grid C6 (LS) 8710-044

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 13 1987
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: Oct. 23/87.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-11 HUMUS P12-13 SOIL P14-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-044 336 File # 87-4831 Page 1

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C2-33050E	.1	14	1	60
C2-33100E	.1	3	2	40
C2-33200E	.3	9	1	90
C2-33250E	.1	2	1	40
C2-33300E	.1	5	1	50
C2-33350E	.1	2	1	40
C2-33400E	.2	2	1	60
C2-33450E	.1	3	2	90
C2-33500E	.2	2	1	80
C2-33550E	.1	2	2	50
C2-33600E	.1	2	1	60
C2-33700E	.1	4	2	40
C2-33750E	.1	3	1	70
C2-33800E	.2	2	1	80
C2-33850E	.1	3	1	90
C2-33900E	.1	2	2	80
C2-33950E	.1	4	1	50
C2-34000E	.2	6	1	70
C2-34050E	.2	3	3	80
C2-34100E	.1	2	2	40
C2-34150E	.1	3	1	50
C2-34200E	.1	3	3	30
C2-34250E	.1	3	3	30
C2-34300E	.2	4	5	40
C2-34350E	.1	2	3	50
C2-34400E	.1	5	1	60
C2-34450E	.1	6	2	70
C2-34500E	.1	2	1	20
C2-34550E	.1	2	1	40
C2-34600E	.1	5	3	30
C2-34650E	.1	3	2	20
C2-34700E	.1	4	1	50
C2-34750E	.1	3	1	40
C2-34800E	.1	3	1	50
C2-34850E	.1	2	2	30
C2-34900E	.1	3	1	40
STD C/AU-S	7.2	40	49	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C2-34950E	.2	2	3	60
C2-35000E	.5	2	2	50
C2-35050E	.1	4	3	40
C2-35100E	.3	2	3	50
C2-35150E	.9	3	3	30
C2-35200E	.1	5	2	50
C2-35250E	.1	3	3	30
C2-35300E	.1	6	2	20
C2-35350E	.3	2	1	30
C2-35400E	.2	4	3	60
C2-35500E	.1	4	4	50
C2-35550E	.1	4	5	40
C2-35600E	.1	3	4	50
C2-35650E	.1	3	5	60
C2-35700E	.2	7	4	40
C2-35800E	.4	2	2	50
C2-35850E	.1	2	3	40
C2-35900E	.1	2	2	20
C2-35950E	.1	3	2	50
C2-36000E	.2	2	4	60
C2-36050E	.1	5	3	20
C2-36100E	.1	5	2	50
C2-36150E	.3	5	1	80
C2-36250E	.2	5	4	70
C2-36300E	.2	2	2	80
C2-36350E	.1	5	3	100
C2-36450E	.1	2	4	40
C2-36500E	.1	2	1	50
C2-36550E	.4	8	3	110
C2-36650E	.3	9	4	120
C2-36700E	.4	11	12	100
C2-36750E	.2	10	2	130
C2-36800E	.1	4	2	70
C2-36850E	.1	11	3	90
C2-36900E	.1	5	4	60
C2-37000E	.2	2	2	30
STD C/AU-S	7.5	39	51	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C2-37050E	.1	7	1	50
C2-37100E	.1	2	2	90
C2-37150E	.1	2	1	60
C2-37200E	.1	2	1	70
C2-37250E	.1	2	2	30
C2-37300E	.1	4	1	40
C2-37350E	.1	6	1	20
C2-37400E A	.1	2	1	30
C2-37400E	.1	2	1	20
C2-37500E	.2	2	1	70
C2-37550E	.1	2	2	50
C2-37600E	.3	2	1	60
C2-37650E	.1	4	2	70
C2-37700E	.1	2	1	40
C2-37750E	.2	2	2	50
C2-37800E	.1	2	1	60
C2-37850E	.1	2	1	50
C2-37900E	.1	5	1	40
C2-37950E	.1	2	1	30
C2-38000E	.1	3	1	40
C2-38050E	.1	2	1	30
C2-38100E	.2	3	2	60
C2-38150E	.1	6	1	60
C2-38200E	.1	3	1	70
C2-38250E	.1	2	1	40
C3-31550E	.1	3	1	70
C3-31600E	.1	2	1	80
C3-31650E	.1	3	1	90
C3-31700E	.1	2	3	60
C3-31750E	.3	2	1	50
C3-31800E	.2	3	1	60
C3-31850E	.1	3	2	40
C3-31900E	.4	5	1	70
C3-31950E	.1	6	1	20
C3-32000E	.1	8	1	20
C3-32050E	.4	2	1	50
STD C/AU-S	7.3	45	52	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3-32100E	.2	2	1	60
C3-32200E	.1	3	1	50
C3-32250E	.2	2	1	40
C3-32300E	.4	2	2	40
C3-32350E	.1	21	1	20
C3-32450E	.1	13	1	10
C3-32500E	.1	6	1	20
C3-32550E	.2	8	1	20
C3-32600E	.1	9	14	10
C3-32650E	.1	8	1	20
C3-32700E	.1	2	1	60
C3-32750E	.2	6	1	30
C3-32800E	.2	9	1	20
C3-32850E	.1	8	1	30
C3-32900E	.1	7	1	30
C3-32950E	.1	13	1	20
C3-33000E	.1	10	1	10
C3-33050E	.1	6	1	20
C3-33100E	.1	10	1	30
C3-33150E	.1	16	1	30
C3-33200E	.1	11	1	20
C3-33250E	.1	8	1	20
C3-33300E	.2	4	1	60
C3-33350E	.1	2	1	70
C3-33400E	.1	2	1	50
C3-33450E	.3	2	1	40
C3-33500E	.1	2	1	60
C3-33550E	.1	2	1	70
C3-33600E	.1	2	1	40
C3-33650E	.1	15	1	30
C3-33700E	.2	4	2	100
C3-33750E	.2	2	1	80
C3-33800E	.1	2	1	40
C3-33850E	.1	2	1	60
C3-33900E	.1	2	1	50
C3-33950E	.1	2	1	60
STD C/AU-S	7.2	41	48	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3-34000E	.1	4	4	30
C3-34050E	.1	4	1	50
C3-34100E	.3	2	1	60
C3-34150E	.1	4	1	20
C3-34200E	.1	2	1	60
C3-34250E	.1	3	1	40.
C3-34300E	.2	6	6	60
C3-34350E	.1	2	4	10
C3-34400E	.1	2	1	20
C3-34450E	.1	5	1	5
C3-34500E	.1	4	4	10
C3-34650E	.1	2	1	50
C3-34700E	.1	2	1	5
C3-34750E	.1	3	5	20
C3-34800E	.1	2	1	40
C3-34850E	.1	2	1	20
C3-34900E	.1	4	4	10
C3-35000E	.1	2	1	80
C3-35050E	.1	2	1	70
C3-35100E	.1	8	1	110
C3-35150E	.3	11	2	80
C3-35200E	.1	5	1	20
C3-35250E	.1	15	1	80
C3-35300E	.1	4	1	20
C3-35350E	.1	4	1	10
C3-35400E	.1	2	1	20
C3-35450E	.1	2	1	50
C3-35500E	.4	2	2	120
C3-35550E	.1	2	1	70
C3-35650E	.2	3	1	10
C3-35700E	.1	2	1	80
C3-35750E	.1	2	1	70
C3-35800E	.1	2	1	10
C3-35850E	.1	7	2	20
C3-35900E	.1	7	1	50
C3-35950E	.1	2	1	70
STD C/AU-S	7.4	40	49	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3-36000E	.1	4	1	70
C3-36050E	.1	4	3	40
C3-36100E	.2	4	1	70
C3-36150E	.1	7	1	60
C3-36200E	.1	4	1	80
C3-36250E	.1	5	1	90
C3-36350E	.2	7	1	30
C3-36400E	.1	2	1	40
C3-36450E	.1	5	1	50
S14-11800N	.1	2	5	30
STD C/AU-S	7.3	44	49	1300
S14-11750N	.1	3	1	50
S14-11700N	.1	2	1	20
S14-11650N	.2	2	1	30
S14-11600N	.2	4	1	30
S14-11550N	.1	2	1	40
S14-11500N	.1	3	1	30
S14-11450N	.1	4	4	60
S14-11400N	.2	2	1	50
S15-11800N	.1	8	1	60
S15-11750N	.2	2	1	30
S15-11700N	.1	3	1	40
S15-11600N	.4	8	1	80
S15-11550N	.1	4	1	10
S15-11500N	.3	3	1	30
S15-11450N	.1	6	1	20
S15-11400N	.2	4	1	10
S16-11800N	.1	7	1	70
S16-11750N	.2	2	1	60
S16-11700N	.3	4	6	80
S16-11600N	.3	6	11	40
S16-11550N	.1	2	1	10
S16-11500N	.1	2	1	60
S16-11450N	.3	2	1	50
S16-11400N	.1	2	1	30
S16-11300N	.1	5	1	60
S16-11200N	.2	2	3	10

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S16-11250N	.1	2	1	40
S16-11150N	.1	2	1	30
S16-11100N	.1	5	1	60
S16-11050N	.3	9	1	50
S16-11000N	.1	4	2	30
S16-10950N	.2	3	1	80
S16-10900N	.1	3	1	50
S16-10850N	.1	5	1	50
S16-10800N	.1	3	1	20
S16-10750N	.1	2	1	10
S16-10700N	.1	2	2	30
S16-10650N	.1	2	3	40
S16-10600N	.1	2	1	60
S16-10550N	.1	2	1	90
S16-10500N	.1	2	1	50
S16-10350N	.1	2	1	40
S16-10300N	.1	3	2	40
S16-10250N	.1	2	2	30
S16-10150N	.1	4	1	80
S16-10100N	.1	3	3	40
S16-10050N	.1	2	1	70
S16-10000N	.1	2	2	60
S17-11800N	.1	2	1	40
S17-11750N	.1	3	2	30
S17-11700N	.1	2	1	30
S17-11650N	.2	4	1	20
S17-11600N	.1	2	1	50
S17-11550N	.2	5	2	50
S17-11500N	.1	3	4	70
S17-11450N	.1	3	2	40
S17-11350N	.1	7	2	20
S17-11300N	.4	4	1	40
S17-11200N	.1	8	1	20
S17-11150N	.2	2	1	110
S17-11050N	.4	2	2	30
S17-10900N	.1	2	1	20
STD C/AU-S	6.8	42	48	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S17-10850N	.1	2	1	50
S17-10800N	.1	2	1	100
S17-10750N	.1	2	1	40
S17-10700N	.1	2	1	50
S17-10650N	.2	6	1	40
S17-10600N	.2	2	1	80
S17-10550N	.1	5	1	20
S17-10500N	.2	4	1	50
S17-10450N	.1	7	2	60
S17-10400N	.1	14	1	20
S17-10300N	.1	8	1	20
S17-10250N	.1	8	1	10
S17-10150N	.1	2	1	30
S17-10050N	.1	6	2	10
S17-10000N	.2	9	1	20
S18-11800N	.1	9	1	50
S18-11750N	.1	4	1	40
S18-11700N	.4	2	1	70
S18-11650N	.2	7	1	60
S18-11600N	.1	6	1	80
S18-11550N	.1	2	1	60
S18-11450N	.2	8	1	70
S18-11400N	.1	3	1	50
S18-11350N	.1	3	1	70
S18-11300N	.3	11	1	130
S18-11200N	.1	5	1	80
S18-11150N	.2	9	1	120
S18-11100N	.1	5	1	70
S18-11050N	.1	5	1	50
S18-11000N	.2	8	2	90
S18-10950N	.1	2	1	30
S18-10900N	.1	2	1	80
STD C/AU-S	7.4	40	51	1300
S18-10850N	.1	4	1	10
S18-10800N	.1	5	1	30
S18-10750N	.2	2	1	50

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S18-10700N	.1	7	1	40
S18-10650N	.1	3	1	30
S18-10600N	.2	2	1	70
S18-10550N	.4	4	1	110
S18-10500N	.3	2	1	60
S18-10450N	.1	2	2	30
S18-10400N	.1	3	1	40
S18-10350N	.1	4	1	70
S18-10300N	.2	3	1	80
S18-10250N	.3	2	1	110
S18-10200N	.1	3	1	80
S18-10150N	.2	3	1	50
S18-10100N	.3	11	1	40
S18-10050N	.1	7	1	30
S18-10000N	.3	2	2	70
S19-11800N	.1	4	1	50
S19-11750N	.3	3	1	80
S19-11600N	.2	3	1	40
S19-11500N	.2	5	1	40
S19-11450N	.1	7	1	70
S19-11400N	.2	4	1	60
S19-11350N	.3	3	2	40
S19-11300N	.1	2	1	80
S19-11250N	.1	2	1	60
S19-11200N	.1	2	1	70
S19-11150N	.2	2	1	60
S19-11050N	.1	7	1	30
S19-11000N	.1	4	1	70
S19-10950N	.1	3	1	30
S19-10900N	.2	4	1	60
S19-10850N	.1	3	1	60
S19-10800N	.2	4	1	50
S19-10750N	.1	2	1	80
S19-10700N	.1	2	1	60
S19-10650N	.1	2	1	40
S19-10600N	.2	3	1	70
STD C/AU-S	7.4	40	47	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S19-10550N	.1	4	1	60
S19-10500N	.1	2	1	40
S19-10450N	.1	2	1	50
S19-10350N	.1	2	1	60
S19-10300N	.4	5	1	90
S19-10250N	.3	2	1	60
S19-10150N	.4	2	1	40
S19-10100N	.1	2	1	20
S19-10050N	.1	5	1	90
S19-10000N	.1	2	2	50
S20-10900N	.1	3	1	70
S20-10850N	.1	2	1	60
S20-10800N	.1	3	1	50
S20-10750N	.1	3	1	60
S20-10700N	.1	3	1	70
S20-10650N	.1	7	1	10
S20-10600N	.1	2	1	60
S20-10550N	.1	2	1	50
S20-10500N	.6	2	1	60
S20-10400N	.1	2	1	60
S20-10350N	.1	2	1	50
S20-10300N	.1	2	1	40
S20-10250N	.1	4	1	40
S20-10200N	.4	2	1	50
S20-10150N	.1	2	1	80
S20-10100N	.1	6	1	50
S20-10050N	.1	3	1	70
S20-10000N	.1	2	4	50
S21-10900N	.1	9	1	20
S21-10850N	.2	2	1	80
S21-10800N	.1	8	1	70
S21-10700N	.4	10	1	40
S21-10650N	.1	6	1	40
S21-10600N	.1	4	1	90
S21-10550N	.1	5	1	80
S21-10500N	.1	3	1	70
STD C/AU-S	7.5	38	50	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
S21-10450N	.1	3	1	80
S21-10400N	.1	7	1	60
S21-10350N	.1	2	1	40
S21-10300N	.1	2	1	50
S21-10250N	.1	5	1	40
S21-10200N	.2	2	1	60
S21-10150N	.1	2	1	40
S21-10100N	.1	2	1	80
S21-10050N	.1	9	1	10
S21-10000N	.1	2	1	20
STD C/AU-S	7.7	43	47	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
P-C2 34700E	.2	4	1	50
P-C2 34800E	.2	14	1	120
P-C2 34850E	.3	6	1	80
P-C2 34900E	.4	10	1	30
P-C2 34950E	.1	11	1	40
P-C2 35000E	.1	5	2	30
P-C2 35050E	.2	12	1	90
P-C2 35100E	.1	13	1	30
P-C2 35150E	.1	9	1	10
P-C2 35200E	.4	5	1	100
P-C2 35250E	.2	14	1	70
P-C2 35300E	.6	13	1	50
P-C2 35350E	.1	9	1	120
P-C2 35400E	.5	12	1	160
P-C2 35450E	.4	11	1	150
P-C2 35500E	.4	8	1	160
P-C2 35550E	.3	9	1	90
P-S16 11200N	.1	3	1	20
P-S16 11150N	.2	10	1	80
P-S16 11100N	.3	10	1	70
P-S16 11050N	.3	11	1	180
P-S16 11000N	.2	9	20	110
P-S16 10950N	.3	7	1	120
P-S16 10800N	.1	4	1	30
P-S16 10750N	.1	2	1	10
P-S16 10600N	.1	7	2	70
P-S16 10450N	.1	3	1	5
P-S16 10400N	.1	5	1	20
P-S16 10200N	.2	4	1	30
P-S16 10050N	.2	11	1	50
P-S18 11550N	.2	12	3	80
P-S19 11800N	.2	11	1	110
P-S19 11750N	.2	16	2	30
P-S19 11700N	.2	8	1	20
P-S19 11650N	.1	13	1	70
P-S19 11600N	.1	15	1	80
P-S19 11550N	.1	10	1	40
STD C/AU-S	7.4	42	52	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
P-S19 11500N	.1	20	6	90
P-S19 11350N	.3	18	1	40
P-S19 11300N	.1	14	1	30
P-S19 11250N	.1	9	1	20
P-S19 11150N	.1	11	1	50
P-S19 11100N	.1	15	1	20
P-S19 11050N	.2	13	1	750
P-S19 10850N	.1	17	1	60
P-S19 10800N	.1	13	1	80
P-S20 10900N	.1	26	1	90
P-S20 10750N	.1	15	1	60
P-S20 10700N	.1	15	3	100
P-S20 10650N	.1	18	1	70
P-S20 10550N	.4	11	1	90
P-S20 10500N	.1	10	1	80
P-S20 10450N	.1	11	2	30
P-S20 10400N	.1	9	1	40
P-S20 10350N	.2	8	1	40
P-S20 10300N	.2	15	1	180
P-S20 10250N	.1	8	1	50
P-S20 10200N	.1	6	1	20
P-S20 10100N	.2	11	1	90
P-S20 10050N	.2	3	1	30
P-S20 10000N	.1	5	3	10
STD C/AU-S	7.6	40	50	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
RX 20306	.1	40	6	20
RX 20696	.3	20	1	10
RX 20697	.1	15	1	5
RX 20698	.1	28	1	5

Grey 6 (RS) 8710-007

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE (604)253-3158 FAX (604)253-1716

DATE RECEIVED: OCT 2 1987
DATE REPORT MAILED: Oct 14/87

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 LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: HUMUS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-007 331 File # 87-4660

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C3 48650E	.4	6	1	10
C3 48700E	.5	2	2	10
C3 48750E	.5	5	1	20
C3 48800E	.3	11	1	40
C3 48850E	.3	9	1	50
C3 48900E	.2	7	4	30
C3 48950E	.5	15	3	70

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 9 1987
DATE REPORT MAILED: Oct. 19/87.

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp HG ANALYSIS BY FLAMLESS AA.

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-007 331 File # 87-4816

SAMPLE#	HG ppb
C3-45200E	120
C3-45250E	50
C3-45500E	10
C3-45550E	20
C3-45600E	10
C3-45650E	10
C3-45700E	30
C3-45750E	20
C3-45800E	20
C3-45850E	30
C3-45900E	20
C3-45950E	10
C3-46000E	10
C3-46100E	20
C3-46200E	10
C3-46350E	20
C3-46400E	20
C3-46450E	20
C3-46500E	10
C3-46550E	70
C3-46600E	50
C3-46650E	40
C3-46700E	10
C3-46750E	20
C3-46800E	10
C3-46850E	5
C3-46900E	10
C3-46950E	10
C3-47000E	20
C3-47100E	10
C3-47150E	5
C3-47200E	50
C3-47300E	70
C3-47350E	60
C3-47400E	60
C3-47450E	50

SAMPLE#	HG ppb
C3-47500E	110
C3-47550E	30
C3-47600E	50
C3-47650E	20
C3-47700E	40
C3-47850E	20
C3-47900E	30
C3-47950E	60
C3-48000E	30
C3-48050E	20
C3-48100E	10
C3-48150E	20
C3-48200E	10
C3-48250E	20
C3-48300E	70
C3-48350E	10
C3-48400E	10
C3-48450E	20
C3-48500E	10
C3-48550E	20
C3-48600E	30
C3-48650E	40
C3-48650EA	20
C3-48700E	30
C3-48750E	40
C3-48800E	80
C3-48850E	70
C3-48950E	100
C3-49100E	60
C3-49150E	80
C3-49200E	50
C3-49250E	60
C3-49300E	40
C3-49500E	50
C3-49550E	80
C3-49600E	70

SAMPLE#	HG ppb
C3-49650E	90
C3-49700E	60
C3-49750E	60
C3-49800E	30
S1-10900N	30
S1-10850N	20
S1-10825N	10
S1-10800N	10
S1-10775N	10
S1-10750N	20
S1-10725N	10
S1-10700N	5
S1-10675N	5
S1-10650N	5
S1-10625N	20
S1-10600N	10
S1-10575N	80
S1-10550N	20
S1-10525N	5
S1-10500N	5
S1-10475N	30
S1-10450N	60
S1-10425N	70
S1-10400N	20
S1-10375N	50
S1-10350N	70
S1-10325N	40
S1-10300N	70
S1-10275N	30
S1-10250N	120
S1-10225N	70
S1-10200N	80
S1-10175N	50
S1-10150N	110
S1-10125N	90
S1-10100N	60

SAMPLE#	HG ppb
S1-10025N	40
S2-10750N	30
S2-10725N	5
S2-10700N	5
S2-10675N	20
S2-10650N	20
S2-10625N	30
S2-10600N	10
S2-10575N	30
S2-10550N	20
S2-10525N	5
S2-10500N	5
S2-10450N	20
S2-10425N	60
S2-10400N	80
S2-10375N	10
S2-10325N	10
S2-10300N	5
S2-10275N	10
S2-10250N	30
S2-10225N	5
S2-10100N	5
S2-10050N	5
S3-10825N	70
S3-10800N	60
S3-10775N	60
S3-10750N	70
S3-10725N	110
S3-10700N	80
S3-10675N	10
S3-10650N	40
S3-10575N	30
S3-10550N	40
S3-10525N	30
S3-10400N	40
S3-10325N	30

SAMPLE#	HG ppb
S3-10300N	30
S3-10275N	10
S3-10250N	5
S3-10225N	10
S3-10200N	5
S3-10175N	5
S3-10150N	20
S3-10125N	30
S3-10100N	90
S3-10075N	5
S3-10050N	10
S3-10025N	10
S3-10000N	20
S4-10900N	10
S4-10800N	5
S4-10750N	20
S4-10700N	5
S4-10600N	40
S4-10550N	40
S4-10500N	20
S4-10450N	30
S4-10400N	50
S4-10350N	30
S4-10300N	60
S4-10250N	80
S4-10150N	30
S4-10100N	10
S4-10050N	5
S4-10000N	5
S5-10850N	5
S5-10800N	40
S5-10750N	30
S5-10700N	10
S5-10600N	5
S5-10550N	30
S5-10500N	5

SAMPLE#	HG ppb
S5-10450N	20
S5-10400N	10
S5-10350N	20
S5-10300N	40
S5-10250N	20
S5-10200N	20
S5-10150N	10
S5-10100N	20
S5-10050N	10
S5-10000N	5
S6-10900N	30
S6-10800N	5
S6-10750N	5
S6-10700N	20
S6-10650N	5
S6-10600N	50
S6-10550N	20
S6-10500N	60
S6-10400N	60
S6-10350N	20
S6-10300N	90
S6-10250N	70
S6-10200N	20
S6-10150N	10
S6-10100N	30
S6-10050N	20
S6-10000N	30

Grid C 8710-062

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: NOV 16 1987
DATE REPORT MAILED: Nov. 19/87

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp HG ANALYSIS BY FLAMLESS AA.

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-062 336 File # 87-5650

SAMPLE#	HG ppb
C1-42800E	30
C1-42850E	10
C1-42900E	5
C1-42950E	40
C1-43000E	90
C1-43050E	20
C1-43100E	180
C1-43150E	5
C1-43200E	40
C1-43250E	5
C1-43300E	120
C1-43350E	110
C1-43400E	20
C1-43450E	10
C1-43500E	50
C1-43550E	70
C1-43600E	30
C1-43650E	5
C1-43700E	5
C1-43750E	10
C1-43800E	40
C1-44050E	30
C1-44100E	5
C1-44150E	10
C1-44200E	5
C1-44250E	5
C1-44350E	30
C1-44400E	10
C1-44500E	5
C1-44550E	5
C1-44600E	5
C1-44650E	5
C1-44700E	5
C1-44750E	5
C1-44800E	10
C1-44850E	20

SAMPLE#	HG ppb
C1-44900E	5
C1-44950E	30
C1-45050E	20
C1-45100E	40
C1-45150E	20
C1-45200E	60
C1-45250E	30
C1-45300E	10
C1-45350E	5
C1-45400E	20
C1-45450E	5
C1-45500E	10
C1-45550E	5
C1-45600E	5
C1-45650E	20
C1-45700E	10
C1-45750E	5
C1-45800E	5
C1-45850E	50
C1-45900E	20
C1-45950E	5
C1-46000E	10
C1-46050E	10
C1-46100E	5
C1-46150E	50
C1-46200E	5
C1-46250E	5
C1-46300E	5
C1-46350E	5
C1-46400E	5
C1-46450E	30
C1-46500E	20
C1-46550E	130
C1-46600E	20
C1-46650E	110
C1-46700E	10

SAMPLE#	HG ppb
C1-46750E	40
C1-46850E	5
C1-46950E	20
C1-47000E	10
C1-47050E	30
C1-47100E	60
C1-47150E	5
C1-47200E	20
C1-47250E	20
C1-47300E	10
C1-47450E	5
C1-47500E	5
C1-47550E	5
C1-47600E	5
C1-47650E	5
C1-47700E	5
C1-47750E	5
C1-47800E	30
C1-47900E	20
C1-47950E	5
C1-48000E	30
C1-48050E	100
C1-48100E	320
C1-48250E	210
C1-48300E	60
C1-48350E	40
C1-48400E	90
C1-48450E	40
C1-48500E	5
C1-48550E	5
C1-48600E	90
C1-48650E	5
C1-48700E	40
C1-48750E	5
C1-48800E	20
C1-48850E	50

SAMPLE#	HG ppb
C1-48900E	110
C1-48950E	320
C1-49000E	20
C1-49050E	30
C1-49100E	5
C1-49100EA	10
C1-49150E	40
C1-49200E	20
C1-49250E	180
C1-49300E	30
C1-49350E	60
C1-49400E	5
C1-49450E	5
C1-49500E	20
C1-49600E	90
C1-49650E	50
C1-49700E	70
C1-49750E	10
C1-49800E	110
C1-49850E	350
C1-49900E	40
C1-49950E	160
C1-50000E	20
N1-20900N	220
N1-20850N	180
N1-20800N	80
N1-20750N	40
N1-20700N	40
N1-20650N	20
N1-20550N	5
N1-20500N	5
N1-20450N	10
N1-20400N	20
N1-20350N	70
N1-20300N	20
N1-20250N	10

SAMPLE#	HG ppb
N1-20200N	20
N1-20150N	110
N1-20100N	290
N1-20050N	90
N2-20900N	5
N2-20850N	30
N2-20800N	40
N2-20750N	20
N2-20700N	5
N2-20650N	80
N2-20600N	5
N2-20550N	5
N2-20500N	5
N2-20400N	30
N2-20350N	70
N2-20300N	50
N2-20250N	10
N2-20200N	5
N3-20800N	5
N3-20750N	5
N3-20700N	5
N3-20600N	20
N3-20550N	270
N3-20500N	10
N3-20400N	10
N3-20350N	30
N3-20300N	50
N3-20250N	40
N3-20200N	170
N3-20150N	5
N3-20100N	90
N3-20050N	30
N3-20000N	50
N4-20900N	30
N4-20850N	10
N4-20750N	20

SAMFLE#	HG ppb
N4-20700N	10
N4-20650N	5
N4-20600N	5
N4-20550N	30
N4-20500N	5
N4-20400N	210
N4-20300N	320
N4-20250N	30
N4-20200N	10
N4-20150N	5
N4-20100N	5
N4-20050N	10
N4-20000N	40
N5-20900N	5
N5-20850N	5
N5-20800N	5
N5-20750N	5
N5-20700N	5
N5-20650N	5
N5-20600N	5
N5-20550N	5
N5-20500N	5
N5-20400N	5
N5-20350N	10
N5-20300N	10
N5-20250N	40
N5-20200N	30
N5-20150N	5
N5-20100N	5
N5-20050N	5
N5-20000N	5
N6-20900N	60
N6-20850N	40
N6-20800N	90
N6-20750N	80
N6-20700N	20

SAMPLE#	HG ppb
N6-20650N	60
N6-20600N	10
N6-20550N	20
N6-20500N	10
N6-20400N	20
N6-20350N	30
N6-20300N	90
N6-20250N	10
N6-20200N	5
N6-20100N	10
N6-20050N	220
N6-20000N	450
N7-20900N	50
N7-20850N	5
N7-20800N	5
N7-20750N	5
N7-20700N	5
N7-20650N	40
N7-20600N	5
N7-20550N	5
N7-20500N	5
N7-20400N	5
N7-20350N	30
N7-20300N	20
N7-20250N	20
N7-20200N	30
N7-20150N	60
N7-20100N	180
N7-20050N	150
N7-20000N	80
N8-20900N	10
N8-20850N	20
N8-20800N	40
N8-20750N	50
N8-20700N	90
N8-20650N	60

SAMPLE#	HG ppb
N8-20600N	5
N8-20550N	10
N8-20500N	10
N8-20450N	70
N8-20400N	10
N8-20300N	5
N8-20250N	40
N8-20200N	5
N8-20100N	5
N8-20050N	5
N8-20000N	20

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION:GREW CK. CODE :8710-062

Project No. :336 Sheet:1 of 5 Date rec'd:OCT.20

Material :263 SOILS Geol.:M.T. Date compl:NOV.02

Remarks :

Values in PPM, except where noted.

T.	SAMPLE No.	Ag	As	PPB Au
	C1 - 42800E	0.2	24	10
	42850	0.2	10	10
	42900	0.2	6	10
	42950	0.2	1	10
	43000	0.2	1	10
	43050	0.2	2	10
	43100	0.4	1	10
	43150	0.2	1	10
	43200	0.2	1	10
	43250	0.2	2	10
	43300	0.2	1	10
	43350	0.4	4	10
	43400	0.2	1	10
	43450	0.2	1	10
	43500	0.2	2	10
	43550	0.2	2	10
	43600	0.2	2	10
	43650	0.2	1	10
	43700	0.2	1	10
	43750	0.2	6	10
	43800	0.2	1	10
	44050	0.4	1	10
	44100	0.2	4	10
	44150	0.2	2	10
	44200	0.2	1	10
	44250	0.2	1	10
	44350	0.4	1	10
	44400	0.4	4	10
	44500	0.2	4	10
	44550	0.2	1	10
	44600	0.2	1	10
	44650	0.2	1	10
	44700	0.2	4	10
	44750	0.2	1	10
	44800	0.2	1	10
	44850	0.2	1	10
	44900	0.2	1	10
	44950	0.2	8	10
	45050	0.4	4	10
	45100	0.2	6	10
	45150	0.2	2	10
	45200	0.6	1	10
	45250	0.2	1	10
	45300	0.2	1	10
	45350	0.2	1	10
	45400	0.2	1	10
	45450	0.2	1	10
	C1 - 45500E	0.2	2	10

SAMPLE No.	Ag	As	PPB Au
C1 - 45550E	0.2	2	10
45600	0.2	4	10
45650	0.2	1	10
45700	0.2	8	10
45750	0.2	8	10
45800	0.2	4	10
45850	0.2	8	10
45900	0.2	6	10
45950	0.2	8	10
46000	0.2	12	10
46050	0.2	10	10
46100	0.2	2	10
46150	0.2	4	10
46200	0.2	8	10
46250	0.2	1	10
46300	0.2	1	10
46350	0.2	4	10
46400	0.2	8	10
46450	0.2	6	10
46500	0.2	10	10
46550	0.2	18	10
46600	0.2	4	10
46650	0.4	6	10
46700	0.2	8	10
46750	0.2	2	10
46850	0.2	1	10
46950	0.2	12	10
47000	0.2	10	10
47050	0.2	12	10
47100	0.2	12	10
47150	0.2	24	10
47200	0.2	12	10
47250	0.2	14	10
47300	0.2	1	10
47450	0.2	6	10
47500	0.2	1	10
47550	0.2	1	10
47600	0.2	12	10
47650	0.2	10	10
47700	0.2	6	10
47750	0.2	1	10
47800	0.2	10	10
47900	0.2	1	10
47950	0.2	4	10
48000	0.2	12	10
48050	0.6	14	10
48100	0.6	10	10
48250	0.6	18	10
48300	0.2	1	10
48350	0.2	10	10
48400	0.2	28	10
48450	0.2	30	10
48500	0.2	46	10
48550	0.2	1	10
48600	0.2	10	10
48650	0.2	1	10
C1 - 48700E	0.4	1	10

SAMPLE No.		Ag	As	PPB Au
C1 - 48750E		0.2	6	10
48800		0.2	8	10
48850		0.2	22	10
48900		0.2	50	50
48950	Mn	0.2	18	10
49000		0.2	22	10
49050		0.2	14	10
49100		0.2	14	10
49100	DUP?	0.2	8	10
49150		0.2	16	10
49200		0.2	14	10
49250		0.8	24	10
49300		0.4	20	10
49350		0.2	10	10
49400		0.2	8	10
49450		0.2	2	10
49500	Fe?	0.2	2	10
49600		0.2	6	10
49650		0.2	14	10
49700		0.2	4	10
49750		0.2	1	10
49800		0.2	1	10
49850		0.2	1	10
49900		0.2	1	10
49950		0.4	1	10
C1 - 50000E		0.2	1	10
N1 - 20900N		0.2	1	10
20850		0.2	1	10
20800		0.2	4	10
20750		0.2	1	10
20700		0.2	2	10
20650		0.2	2	10
20550		0.2	12	10
20500		0.2	22	10
20450		0.2	14	10
20400		0.2	1	10
20350		0.2	4	10
20300		0.2	24	10
20250		0.2	16	10
20200		0.2	24	10
20150		0.2	20	10
CHECK NL-5		1.2	54	-
20100		0.6	28	10
N1 - 20050N		0.6	34	10
N2 - 20200N		0.2	20	10
20250	Fe?	0.2	4	10
20300		0.4	18	10
20350		0.2	20	10
20400		0.4	10	10
20500		0.2	10	10
20550		0.2	6	10
20600		0.2	4	10
20650		0.4	2	10
20700		0.2	10	10
20750		0.2	16	10
20800		0.2	24	10
N2 - 20850N		0.2	24	10

SAMPLE No.	Ag	As	PPB Au
N2 - 20900N	0.2	8	10
N3 - 20000N	0.6	16	10
20050	0.4	8	10
20100	0.2	12	10
20150	0.2	20	10
20200	0.6	10	10
20250	0.2	18	10
20300	0.4	22	10
20350	0.2	16	10
20400	0.2	10	10
20500	0.2	18	10
20550	0.2	1	10
20600	0.2	10	10
20700	0.2	8	10
20750	0.2	4	10
N3 - 20800N	0.2	1	10
N4 - 20900N	0.2	6	10
20850	0.2	2	10
20750	0.2	4	10
20700	0.2	16	10
20650	0.2	1	10
20600	0.2	4	10
20550	0.2	4	10
20500	0.2	6	10
20400	0.2	4	10
20300	0.4	1	10
20250	0.2	2	10
20200	0.4	20	10
20150	0.2	12	10
20100	0.2	8	10
20050	0.2	6	10
N4 - 20000N	0.2	8	10
N5 - 20000N	0.2	6	10
20050	0.2	2	10
20100	0.2	8	10
20150	0.2	1	10
20200	0.8	10	10
20250	0.2	10	10
20300	0.2	12	10
20350	0.2	8	10
20400	0.2	4	10
20500	0.2	10	10
20550	0.2	1	10
20600	0.2	1	10
20650	0.2	4	10
20700	0.2	10	10
20750	0.2	8	10
20800	0.2	1	10
20850	0.2	8	10
- 20900N	0.2	6	10
N6 - 20000N	0.6	6	10
20050	0.2	8	10
20100	0.4	8	10
20200	0.2	20	10
20250	0.2	6	10
20300	2.4	12	10
N6 - 20350N	0.8	12	10

SAMPLE No.	Ag	As	PPB Au
N6 - 20400N	0.6	10	10
20500	0.2	14	10
20550	0.2	14	10
20600	0.2	12	10
20650	1.6	18	10
20700	0.2	8	10
20750	0.2	12	10
20800	0.2	14	10
20850	0.2	14	10
N6 - 20900N	0.8	14	10
N7 - 20000N	0.2	14	10
20050	0.2	10	10
20100	0.2	16	10
20150	0.2	18	10
20200	0.2	10	10
20250	0.2	12	10
20300	0.2	20	10
20350	0.2	16	10
20400	0.2	8	10
20500	0.2	12	10
20550	0.2	20	10
20600	0.2	30	10
20650	0.6	8	10
20700	0.4	8	10
20750	0.2	4	10
20800	0.2	4	10
20850	0.4	14	10
N7 - 20900N	0.4	16	10
N8 - 20000N	0.2	6	10
20050	0.2	2	10
20100	0.2	1	10
20200	0.2	1	10
20250	0.6	10	10
20300	0.2	4	10
20400	0.2	4	10
20450	0.2	10	10
20500	0.2	14	10
20550	0.2	2	10
20600	0.2	10	10
20650	0.2	6	10
20700	0.4	16	10
20750	0.4	12	10
20800	0.6	10	10
20850	0.2	4	10
N8 - 20900N	0.4	10	10

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 21 1987
DATE REPORT MAILED: Nov. 4/87

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: HUMUS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

Geol G (RS) 8710-062

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION PROJECT-8710-062 336 File # 87-5198 Page 1

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C1 42800E	.1	7	6	20
C1 42850E	.1	9	3	20
C1 42900E	.1	6	2	5
C1 42950E	.1	9	1	30
C1 43000E	.1	12	5	20
C1 43050E	.1	6	1	10
C1 43100E	.1	12	2	30
C1 43150E	.1	11	1	5
C1 43200E	.1	4	1	20
C1 43250E	.1	5	2	10
C1 43300E	.3	2	1	40
C1 43350E	.1	9	2	20
C1 43400E	.1	9	2	10
C1 43450E	.1	4	1	10
C1 43500E	.1	6	1	5
C1 43550E	.1	4	2	20
C1 43600E	.1	4	3	5
C1 43650E	.1	6	1	5
C1 43800E	.1	6	3	80
C1 44050E	.1	2	1	30
C1 44100E	.3	2	1	40
C1 44150E	.2	2	1	60
C1 44200E	.5	2	2	80
C1 44250E	.6	2	1	70
C1 44300E	.2	2	3	50
C1 44350E	.2	2	1	40
C1 44400E	.1	2	1	70
C1 44450E	.1	2	1	50
C1 44500E	.3	2	1	80
C1 44550E	.3	4	2	70
C1 44600E	.2	2	3	40
C1 44650E	.1	17	1	5
C1 44700E	.1	12	1	5
C1 44750E	.1	7	3	5
C1 44800E	.1	6	1	5
C1 44850E	.2	2	2	70
STD C/AU-S	7.7	43	49	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C1 44900E	.1	3	1	60
C1 44950E	.3	2	1	40
C1 45000E	.2	5	1	50
C1 45050E	.7	5	1	10
C1 45100E	.2	3	1	40
C1 45150E	.2	10	1	5
C1 45200E	.1	9	2	5
C1 45250E	.2	10	1	5
C1 45300E	.2	15	1	5
C1 45350E	.1	6	1	5
C1 45400E	.1	7	1	5
C1 45450E	.1	8	4	5
C1 45500E	.1	12	1	5
C1 45550E	.1	8	1	5
C1 45600E	.2	14	1	50
C1 45650E	.1	2	1	40
C1 45700E	.1	8	1	5
C1 45750E	.1	12	1	5
C1 45800E	.2	12	1	5
C1 45850E	.1	11	1	5
C1 45900E	.1	9	1	5
C1 45950E	.1	7	1	5
C1 46000E	.3	10	1	5
C1 46050E	.1	8	1	5
C1 46100E	.5	2	1	40
C1 46150E	.2	2	2	90
C1 46200E	.1	7	1	5
C1 46250E	.1	2	1	70
C1 46300E	.2	2	1	60
C1 46350E	.1	4	5	5
C1 46400E	.1	4	2	5
C1 46450E	.1	2	1	20
C1 46500E	.3	2	1	30
C1 46550E	.2	4	1	30
C1 46600E	.1	2	2	40
C1 46650E	.1	3	1	30
STD C/AU-S	7.2	42	47	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C1 46750E	.1	6	2	20
C1 46800E	.2	2	1	60
C1 46850E	.1	2	4	40
C1 46900E	.2	3	1	50
C1 46950E	.2	2	1	60
C1 47000E	.1	3	1	50
C1 47050E	.1	2	1	40
C1 47100E	.1	2	2	50
C1 47150E	.3	2	1	30
C1 47200E	.2	3	2	20
C1 47250E	.1	2	2	10
C1 47300E	.1	2	1	40
C1 47350E	.3	2	1	70
C1 47400E	.1	8	1	20
C1 47450E	.1	2	1	40
C1 47500E	.2	2	3	20
C1 47600E	.3	2	1	60
C1 47650E	.3	3	1	60
C1 47700E	.1	2	1	70
C1 47750E	.1	2	2	40
C1 47800E	.1	2	1	20
C1 47850E	.2	7	1	130
C1 48300E	.1	2	1	30
C1 48350E	.1	7	1	20
C1 48450E	.1	20	1	5
C1 48500E	.1	29	1	10
C1 48550E	.1	6	2	5
C1 48600E	.4	4	1	60
C1 48650E	1.6	2	1	20
C1 48700E	.9	7	1	10
C1 48850E	.3	40	2	40
C1 48900E	.4	7	1	30
C1 48950E	.3	6	1	60
C1 49000E	.1	42	2	30
C1 49050E	.2	3	1	10
C1 49150E	.1	4	1	20
STD C/AU-S	7.7	43	48	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
C1 49200E	.1	14	4	5
C1 49300E	.1	6	1	10
C1 49350E	.3	13	1	10
C1 49400E	.3	4	1	5
C1 49450E	.1	10	2	10
C1 49600E	.1	5	1	30
C1 49650E	.4	26	1	10
C1 49700E	.2	11	1	90
C1 49750E	.1	6	1	5
C1 49800E	.2	5	1	20
C1 49850E	.1	4	1	30
C1 49900E	.2	10	1	10
C1 49950E	.3	11	1	30
C1 50000E	.2	14	1	70
N1 20850N	.2	7	1	80
N1 20750N	.4	2	2	20
N1 20650N	.3	2	1	40
N1 20600N	.1	2	1	30
N1 20550N	.2	2	1	50
N1 20450N	.2	3	1	60
N1 20250N	.2	8	1	10
N1 20200N	.6	5	3	40
N2 20850N	.2	2	1	30
N2 20800N	.1	10	1	80
N2 20750N	.1	4	1	60
N2 20650N	.2	2	1	50
N2 20350N	.3	12	1	10
N3 20800N	.1	12	1	10
N3 20750N	.1	8	2	5
N3 20700N	.1	10	1	5
N3 20650N	.1	2	1	40
N3 20600N	.1	11	1	5
N3 20550N	.2	6	1	50
N3 20500N	.1	9	1	5
N3 20400N	.1	2	1	60
N3 20350N	.1	2	1	30
STD C/AU-S	7.1	41	50	1300

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
N3 20300N	.1	4	1	20
N3 20200N	.4	7	4	140
N3 20150N	.1	11	4	5
N3 20100N	.5	10	2	150
N3 20050N	.1	10	4	5
N3 20000N	.1	9	1	5
N4 20900N	.1	2	3	50
N4 20850N	.2	2	2	60
N4 20800N	.1	2	4	30
N4 20650N	.3	2	1	20
N4 20600N	.4	2	5	10
N4 20550N	.2	2	1	50
N4 20500N	.1	2	3	40
N4 20400N	.1	2	2	30
N4 20350N	.1	2	1	20
N4 20300N	.1	2	2	40
N4 20250N	.1	2	1	5
N4 20100N	.3	2	2	30
N4 20000N	.1	2	1	10
N5 20900N	.1	7	1	5
N5 20850N	.1	7	2	5
N5 20800N	.1	3	1	5
N5 20750N	.1	7	3	5
N5 20700N	.1	8	2	5
N5 20650N	.1	10	3	5
N5 20600N	.1	6	1	5
N5 20500N	.1	7	3	5
N5 20350N	.1	7	2	5
N5 20300N	.1	13	2	5
N5 20250N	.4	5	2	40
N5 20150N	.1	9	1	5
N5 20100N	.1	8	1	5
N5 20050N	.1	9	1	5
N5 20000N	.1	10	1	5
N6 20900N	.1	10	1	5
N6 20850N	.1	9	2	10
STD C/AU-S	7.0	41	52	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
N6 20800N	.1	6	1	20
N6 20750N	.1	3	3	10
N6 20700N	.2	11	1	5
N6 20650N	.2	13	4	5
N6 20600N	.5	5	1	30
N6 20500N	.1	2	1	40
N6 20400N	.4	2	1	20
N6 20350N	.1	8	5	5
N6 20300N	.1	10	1	5
N6 20250N	.1	7	2	5
N6 20200N	.1	5	1	5
N6 20100N	.2	2	1	40
N6 20050N	.1	2	2	50
N6 20000N	.1	9	5	60
N7 20900N	.7	2	2	50
N7 20850N	.5	2	6	40
N7 20800N	.4	2	1	60
N7 20750N	.2	2	1	50
N7 20700N	.3	2	3	60
N7 20600N	.2	4	1	40
N7 20550N	.1	2	4	50
N7 20500N	.2	10	1	30
N7 20400N	.1	3	3	40
N7 20350N	.1	2	5	80
N7 20300N	.1	2	3	40
N7 20250N	.1	2	2	30
N7 20200N	.3	8	1	30
N7 20150N	.1	2	4	60
N7 20100N	.1	2	1	70
N7 20050N	.1	2	3	50
N7 20000N	.1	2	1	20
N8 20900N	.3	2	4	60
N8 20850N	.1	2	1	50
N8 20800N	.2	3	3	20
N8 20750N	.2	3	4	40
N8 20700N	.2	2	1	40
STD C/AU-S	6.9	42	48	1400

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
N8 20650N	.1	2	1	60
N8 20600N	.4	2	1	40
N8 20550N	.4	2	1	50
N8 20500N	.2	6	1	30
N8 20450N	.6	2	1	60
N8 20400N	.4	3	2	90
N8 20350N	.3	3	2	60
N8 20300N	.4	4	1	40
N8 20250N	.4	6	1	50
N8 20200N	.3	2	1	40
STD C	7.6	41	-	1300

Grid 6

8710-044

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 27 1987
DATE REPORT MAILED: Nov. 10/87

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp HG ANALYSIS BY FLAMLESS AA.

ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-044 336 File # 87-5277

SAMPLE#	HG ppb
C2-33100E	110
C2-33200E	50
C2-33250E	10
C2-33350E	100
C2-33400E	110
C2-33450E	290
C2-33500E	30
C2-33550E	210
C2-33600E	90
C2-33650E	20
C2-33700E	10
C2-33750E	40
C2-33800E	20
C2-33850E	30
C2-33900E	10
C2-33950E	110
C2-34000E	70
C2-34050E	90
C2-34100E	90
C2-34150E	80
C2-34200E	150
C2-34250E	20
C2-34300E	100
C2-34350E	90
C2-34450E	120
C2-34500E	80
C2-34550E	110
C2-34650E	100
C2-35600E	140
C2-35650E	30
C2-35700E	40
C2-35750E	70
C2-35800E	60
C2-35850E	90
C2-35900E	50
C2-36000E	70

SAMPLE#	HG ppb
C2-36050E	50
C2-36100E	120
C2-36150E	20
C2-36250E	140
C2-36300E	120
C2-36350E	5
C2-36400E	120
C2-36450E	40
C2-36500E	90
C2-36650E	100
C2-36700E	80
C2-36750E	90
C2-36800E	20
C2-36850E	60
C2-36900E	50
C2-37000E	20
C2-37050E	40
C2-37100E	100
C2-37300E	30
C2-37400E	40
C2-37400EA	20
C2-37450E	70
C2-37500E	20
C2-37550E	80
C2-37600E	10
C2-37750E	120
C2-37800E	10
C2-37850E	100
C2-38150E	80
C2-38250E	50
C3-31550E	60
C3-31800E	70
C3-31850E	60
C3-31950E	5
C3-32000E	5
C3-32050E	60

SAMPLE#	HG ppb
C3-32100E	30
C3-32200E	20
C3-32250E	40
C3-32350E	20
C3-32400E	90
C3-32450E	20
C3-32500E	10
C3-32550E	100
C3-32600E	20
C3-32650E	20
C3-32700E	60
C3-32750E	70
C3-32800E	30
C3-32850E	100
C3-32900E	60
C3-32950E	10
C3-33000E	30
C3-33050E	5
C3-33100E	120
C3-33150E	70
C3-33200E	10
C3-33250E	20
C3-33300E	80
C3-33700E	10
C3-33800E	50
C3-34100E	70
C3-34150E	90
C3-34200E	80
C3-34250E	100
C3-34300E	110
C3-34350E	10
C3-34400E	100
C3-34450E	20
C3-34500E	80
C3-34600E	140
C3-34700E	40

SAMPLE#	HG ppb
C3-34750E	230
C3-34800E	100
C3-34850E	50
C3-34900E	30
C3-34950E	80
C3-35050E	130
C3-35100E	100
C3-35150E	50
C3-35200E	90
C3-35250E	30
C3-35300E	60
C3-35350E	20
C3-35400E	30
C3-35450E	40
C3-35500E	40
C3-35550E	80
C3-35600E	130
C3-35650E	120
C3-35700E	40
C3-35750E	260
C3-35800E	90
C3-35850E	80
C3-35900E	170
C3-36200E	20
C3-36300E	60
C3-36450E	130
S14-11500N	40
S14-11400N	20
S15-11800N	10
S15-11750N	30
S15-11700N	30
S15-11600N	20
S15-11500N	50
S15-11450N	60
S15-11400N	30
S16-11750N	20

SAMPLE#	HG ppb
S16-11700N	50
S16-11650N	20
S16-11600N	60
S16-11550N	120
S16-11450N	20
S16-11400N	10
S17-11700N	120
S17-11600N	40
S17-11550N	90
S17-11500N	100
S17-11450N	50
S17-11400N	180
S17-11350N	30
S17-11300N	80
S17-11250N	150
S17-11200N	190
S17-11150N	140
S17-11100N	160
S17-11050N	130
S17-11000N	20
S17-10950N	210
S17-10900N	5
S17-10800N	150
S17-10750N	70
S17-10600N	90
S17-10550N	160
S17-10500N	100
S17-10450N	200
S17-10400N	40
S17-10350N	20
S17-10300N	40
S17-10250N	20
S17-10200N	50
S17-10100N	20
S17-10050N	40
S17-10000N	30

SAMPLE#	HG ppb
S18-11700N	220
S18-11650N	160
S18-11600N	120
S18-11500N	90
S18-11450N	80
S18-11400N	70
S18-11350N	90
S18-11300N	70
S18-11250N	10
S18-11050N	120
S18-11000N	40
S18-10850N	10
S18-10800N	5
S18-10750N	10
S18-10700N	10
S18-10650N	40
S18-10600N	30
S18-10550N	10
S18-10500N	30
S18-10450N	40
S18-10400N	5
S18-10300N	120
S18-10250N	10
S18-10200N	100
S18-10100N	70
S18-10050N	10
S18-10000N	60
S19-10650N	80
S19-10600N	20
S19-10500N	50
S19-10400N	30
S19-10300N	5
S19-10250N	10
S19-10200N	30
S19-10150N	10
S19-10100N	30

SAMPLE#	HG ppb
S19-10000N	30
S21-10900N	90
S21-10850N	40
S21-10800N	50
S21-10750N	30
S21-10700N	20
S21-10450N	50
S21-10400N	40
S21-10250N	40
S21-10150N	30
S21-10100N	40
S21-10050N	20
S21-10000N	20

Mintec "A" (H8) 8807-023

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: JUNE 30 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: July 7/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT-8807-023 333 File # 88-2379

SAMPLE#	Ag PPM	As PPM	Au* PPB	Hg PPB
R 39678	.2	1	1	60
R 39679	.1	1	2	70
R 39680	.1	1	1	90
R 39681	.1	1	4	80
R 39682	.1	1	3	10
R 39683	.1	1	1	80
R 39684	.1	1	3	40
R 39685	.1	1	3	20
R 39686	.5	1	1	30
R 39687	.6	1	1	20
R 39688	.1	1	1	20
R 39689	.1	2	2	30
R 39690	.2	8	4	30
R 39691	.3	1	7	20
R 39692	.4	3	1	20
R 39693	.1	1	1	40
R 39694	.3	1	1	5
R 39695	.1	1	1	10
R 39701	.1	1	2	40
R 39702	.1	1	1	10
R 39703	.2	1	1	5
R 39704	.4	1	1	5
R 39705	.4	4	1	20
STD C/AU-R	6.6	42	510	1300

Minnie "B" 8807-040

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JULY 07 1988 DATE REPORT MAILED: July 12/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT-8807-040 333 File # 88-2523

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	Au* PPB	Hg PPB
R 39519	4	5	38	103	.3	1	2	397	2.93	2	5	ND	7	6	1	2	4	1	.14	.013	40	1	.04	29	.01	8	.21	.01	.17	1	8	5
R 39520	2	7	28	68	.4	2	1	113	2.57	42	5	ND	9	4	1	3	2	1	.06	.011	43	2	.02	19	.01	10	.20	.01	.14	1	13	5
R 39521	3	7	36	71	.1	1	1	173	2.59	95	5	ND	6	25	1	2	2	1	.10	.013	34	1	.02	60	.01	7	.15	.02	.17	1	7	5
R 39522	5	6	25	91	.1	1	1	308	3.11	52	5	ND	10	4	1	3	9	1	.03	.019	40	2	.05	52	.01	3	.29	.01	.12	1	27	9
R 39523	1	4	16	5	.1	1	1	37	.47	18	5	ND	2	4	1	2	2	1	.02	.004	16	1	.01	46	.01	6	.12	.01	.13	1	14	5
R 39524	1	18	11	23	.1	9	2	356	1.33	2	5	ND	1	59	1	2	2	11	2.54	.017	10	12	.50	17	.01	6	.61	.01	.05	1	1	5
R 39525	4	7	18	132	.1	1	1	930	3.22	21	5	ND	15	3	1	2	2	1	.02	.016	35	3	.03	23	.01	2	.24	.01	.12	1	2	5
R 39526	5	5	25	63	.1	1	1	190	2.09	67	5	ND	9	4	1	2	2	1	.02	.008	29	1	.01	51	.01	4	.19	.02	.19	1	22	5
R 39527	4	9	22	119	.1	1	1	651	3.06	24	5	ND	17	4	1	3	2	1	.02	.016	39	1	.02	23	.01	10	.31	.02	.11	1	3	5
R 39528	4	4	22	44	.2	1	1	130	1.37	34	5	ND	7	6	1	2	4	1	.02	.007	33	1	.01	46	.01	6	.18	.01	.14	1	7	5
R 39529	1	18	18	31	.1	8	3	918	3.31	4	5	ND	6	455	1	2	2	12	13.83	.019	15	9	4.02	55	.01	11	.40	.02	.08	1	1	5
R 39530	1	17	7	46	.1	20	6	1045	4.70	4	5	ND	6	352	1	2	2	19	12.28	.015	24	12	3.92	100	.01	9	.65	.03	.09	2	1	5
R 39531	1	15	23	63	.1	29	8	626	3.30	2	5	ND	8	71	1	2	2	24	2.04	.040	28	28	1.26	31	.01	5	1.78	.01	.08	1	1	5
R 39532	1	19	40	56	.1	19	4	265	2.00	6	5	ND	17	21	1	3	2	11	.33	.012	37	11	.27	73	.01	4	.44	.01	.13	1	1	5
R 39533	1	5	7	33	.1	1	2	991	2.63	2	5	ND	6	416	1	2	2	11	10.43	.011	12	1	3.78	44	.01	2	.28	.02	.09	1	2	5
R 39534	1	6	6	40	.2	1	2	779	2.44	2	5	ND	2	432	1	2	2	17	19.90	.017	11	1	2.23	42	.01	3	.45	.02	.12	1	1	5
R 39535	1	2	4	10	.1	1	1	36	.26	3	5	ND	1	12	1	2	2	5	.07	.006	8	3	.04	101	.01	5	.11	.01	.04	1	1	10
R 39536	1	29	14	59	.1	23	8	513	3.43	4	5	ND	8	35	1	2	2	29	1.28	.032	22	30	1.11	21	.01	5	1.65	.01	.09	1	1	5
R 39537	3	4	14	40	.1	1	1	250	1.06	2	5	ND	26	3	1	2	2	3	.06	.013	30	1	.03	16	.01	12	.17	.02	.07	2	1	5200
R 39538	1	1	8	10	.1	3	1	40	.32	2	5	ND	2	13	1	2	2	7	.02	.006	9	5	.02	112	.01	3	.13	.01	.04	2	1	30
R 39539	1	15	18	29	.2	6	2	401	1.31	3	5	ND	25	31	1	2	8	7	.87	.018	33	5	.28	29	.01	6	.48	.01	.08	1	3	10
R 39540	1	1	5	10	.1	5	1	34	.37	7	5	ND	1	14	1	2	2	13	.04	.010	7	5	.02	125	.01	12	.15	.01	.03	1	2	20
R 39541	1	7	8	10	.1	1	1	114	.61	2	5	ND	14	2	1	2	4	2	.02	.007	11	2	.06	14	.01	3	.24	.02	.04	1	2	5
R 39542	1	10	19	40	.1	14	5	412	2.32	2	5	ND	19	7	1	2	2	14	.46	.026	34	17	.65	42	.03	5	1.06	.02	.08	2	1	5
R 39543	1	11	10	45	.1	2	6	554	2.88	2	5	ND	4	11	1	2	4	37	.45	.027	9	8	.73	67	.06	6	1.21	.03	.16	2	1	5
R 39544	1	4	11	5	.1	1	1	79	.44	2	6	ND	11	4	1	2	7	1	.30	.011	10	2	.10	15	.01	5	.18	.02	.06	1	1	5
R 39545	1	3	6	14	.1	1	1	105	.87	2	5	ND	18	2	1	2	6	2	.11	.034	21	2	.10	11	.01	11	.33	.02	.09	1	1	5
R 39546	1	34	13	49	.1	21	9	377	2.80	4	5	ND	15	9	1	2	2	30	.45	.028	15	34	1.04	61	.14	2	1.40	.02	.16	2	2	5
R 39547	1	11	17	64	.3	5	6	341	2.79	2	5	ND	14	6	1	2	3	44	.22	.030	35	48	1.14	76	.16	2	1.49	.03	.90	1	1	5
STD C/AU-R	18	58	38	132	6.7	67	27	1056	4.29	40	14	8	36	47	18	17	20	57	.47	.083	38	57	.92	173	.06	32	1.99	.06	.14	12	490	1400

13 Jun Ho

Mineral (KG) "B"

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUNE 28 1988

DATE REPORT MAILED: July 7/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT-8807-011 333 File # 88-2334

SAMPLE#	Ag PPM	As PPM	Au* PPB	Hg PPB
R 39501	.1	26	10	10
R 39502	.1	20	8	10
R 39503	.1	23	7	5
R 39504	.1	18	9	5
R 39505	.2	2	1	5
R 39506	.1	2	1	5
R 39507	.1	2	1	5
R 39508	.2	2	1	10
R 39509	.1	2	1	5
R 39510	.1	2	2	20
R 39511	.1	24	8	5
R 39512	.1	12	1	5
R 39513	.1	2	1	5
R 39514	.1	2	1	10
R 39515	.1	2	2	100
R 39516	.1	11	1	880
R 39517	.1	2	11	120
R 39518	.2	2	2	60
STD C/AU-R	6.8	40	475	1300

Mintec 8807-024

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUNE 30 1988
DATE REPORT MAILED: July. 7/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMLESS AA.
-200 MESH

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT-8807-024 333 File # 88-2383 Page 1

SAMPLE#	Ag PPM	As PPM	Au* PPB	Hg PPB
15900 1850	.6	11	6	240
15900 1950	.4	12	1	180
15900 2075	.4	14	1	60
15900 2250	.4	10	1	110
15900 2350	.3	17	1	10
15900 2475	.4	11	1	60
15900 2550	.3	12	1	100
15900 2650	.3	12	3	50
16000 1800	.4	11	1	180
16000 1900	.2	21	1	30
16000 2000	.2	11	2	120
16000 2100	.4	12	1	110
16000 2200	.5	21	5	190
16000 2300	.4	14	2	40
16000 2400	.3	11	1	50
16000 2500	.1	22	1	10
16000 2600	.2	17	1	50
16000 2700	.1	15	1	60
16100 1875	.1	7	2	180
16100 1950	.3	12	6	170
16100 2125	.4	14	4	250
16100 2225	.1	19	1	30
16100 2325	.1	7	1	110
16100 2425	.3	12	1	220
16100 2525	.1	19	1	100
16100 2625	.5	20	5	80
16100 2725	.8	25	8	70
16200 1785	.1	16	6	130
16200 1850	.4	31	8	260
16200 1950	.1	10	7	190
16200 2050	.1	15	1	50
16200 2150	.1	10	1	70
16200 2250	.1	11	2	350
16200 2350	.4	10	5	200
16200 2475	.2	9	3	160
16200 2575	.8	15	2	180
STD C/AU-S	7.1	33	47	1300

SAMPLE#	Ag PPM	As PPM	Au* PPB	Hg PPB
16200 2675	.3	21	1	30
1-1 MTA	.4	16	5	350
1-2 MTA	.4	13	1	380
1-3 MTA	.5	13	2	280
2-1 MTA	.5	23	15	1000
2-2 MTA	.3	28	17	740
21600 2000	.3	20	1	80
21700 1900	.5	10	1	60
21700 2000	.3	13	1	220
21700 2100	.3	7	1	70
21800 1850	.4	22	1	50
21800 2000	.1	19	1	50
21800 2100	.3	11	1	150
21800 2175	.6	26	4	110
21800 2300	.8	21	5	110
21900 1800	.2	15	1	20
21900 1925	.1	15	2	60
21900 2000	.2	10	1	90
21900 2100	.3	21	1	20
21900 2200	1.4	48	9	100
21900 2300	1.1	22	4	100
22000 1785	.1	15	1	10
22000 1915	.1	2	1	10
22000 2000	.5	13	1	200
22000 2100	.3	33	7	120
22000 2275	1.1	48	1	100
22100 1900	.3	16	4	110
22100 2100	.2	10	1	30
22100 2200	.5	16	2	340
22100 2275	.2	12	1	80
22200 1800	.1	12	1	5
22200 2000	.1	62	1	180
22200 2100	.5	21	9	140
22200 2300	.1	11	2	240
22300 1875	.3	2	1	40
22300 2000	.1	62	10	50
STD C/AU-S	6.8	42	50	1300

SAMPLE#	Ag PPM	As PPM	Au* PPB	Hg PPB
22300 2130	1.2	21	1	170
22300 2200	.3	11	1	30
22300 2325	1.4	26	1	240
22400 1775	.6	15	1	90
22400 1800	.1	11	1	110
22400 1900	.3	2	1	80
22400 2000	.1	7	1	140
22400 2100	.3	21	3	280
22400 2200	.1	17	1	60
22400 2300	.3	13	1	100
22500 1900	.1	15	1	60
22500 2000	.6	28	1	80
22500 2100	.4	16	1	250
22500 2200	.1	24	1	70
22500 2300	.1	13	1	30
STD C/AU-S	6.5	40	47	1400

MINTEL (A.P.)

8807-067

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

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- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

-200 MESH

DATE RECEIVED: JUL 18 1988 DATE REPORT MAILED: July 27/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 8807-067-333 File # 88-2834 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	Au* PPB	Hg PPB
9000 10400	1	53	17	74	.2	51	12	512	3.41	14	5	ND	6	33	1	2	2	46	.41	.019	31	43	.53	337	.01	3	1.61	.01	.11	1	3	240
9000 10500	1	46	17	65	.5	41	9	373	2.30	11	5	ND	1	112	1	2	2	36	7.88	.084	18	32	.86	437	.04	6	1.15	.01	.12	1	1	150
9000 10600	2	21	18	74	.2	34	10	348	3.14	10	7	ND	5	37	1	2	2	46	.68	.029	20	35	.59	506	.02	3	1.89	.02	.10	1	1	30
9000 10675	1	37	15	89	.4	32	8	372	2.69	13	5	ND	3	119	1	2	2	33	4.44	.068	16	27	1.01	507	.03	6	1.06	.02	.10	1	1	120
9100 9825	2	38	18	73	.2	35	9	353	3.54	7	5	ND	7	54	1	2	2	54	1.21	.020	34	43	.84	273	.05	3	2.21	.02	.15	1	3	100
9100 9900	1	33	16	69	.1	33	9	285	3.36	8	5	ND	10	23	1	2	2	54	.31	.013	30	42	.66	276	.05	4	2.23	.01	.09	1	5	50
9100 9950	6	42	18	80	.1	43	13	610	3.73	8	5	ND	8	58	1	2	2	55	.63	.042	36	45	.78	312	.02	8	2.08	.02	.11	1	1	70
9100 10050	2	32	14	111	.2	37	11	338	3.72	8	5	ND	5	42	1	2	2	54	.71	.052	33	42	.69	363	.02	4	2.04	.02	.10	1	7	80
9100 10165	1	37	18	108	.2	43	13	583	3.20	9	5	ND	8	128	1	2	2	39	4.95	.066	26	35	1.11	339	.02	6	1.50	.01	.14	1	2	160
9100 10200	1	32	17	91	.1	44	10	330	3.66	12	5	ND	7	39	1	3	2	48	.50	.026	32	45	.84	367	.02	7	1.85	.02	.15	2	1	100
9100 10275	1	21	14	64	.1	27	9	261	3.12	10	5	ND	8	22	1	2	2	38	.26	.012	42	32	.47	183	.03	2	1.45	.02	.06	1	1	40
9100 10350	1	34	18	79	.2	46	10	399	3.59	10	5	ND	9	34	1	2	2	49	.45	.018	44	43	.80	389	.03	4	1.92	.02	.11	1	11	120
9100 10600	1	45	18	82	.1	51	12	260	3.51	14	5	ND	13	28	1	2	2	47	.34	.014	59	44	.59	307	.02	6	1.74	.01	.09	1	15	80
9100 10725	1	36	15	80	.4	40	9	413	2.26	11	5	ND	2	80	1	2	2	34	4.79	.062	17	31	.76	446	.02	2	1.15	.01	.11	1	4	160
9100 10775-1	1	31	10	93	.2	41	8	406	2.36	8	5	ND	3	83	1	2	2	32	2.78	.068	17	30	.80	420	.02	18	1.01	.01	.15	1	1	130
9100 10775-2	1	32	18	91	.3	39	9	446	2.32	10	5	ND	3	82	1	2	2	32	2.96	.069	16	30	.86	419	.02	7	1.02	.01	.14	1	14	170
9100 10875	1	30	10	67	.3	42	7	299	2.93	12	5	ND	3	36	1	2	2	34	.55	.037	23	36	.39	434	.01	8	1.13	.01	.08	6	1	100
9100 10975	1	32	12	88	.3	38	9	409	2.11	10	5	ND	3	85	1	2	2	27	3.35	.063	17	25	.86	425	.02	9	.98	.01	.13	1	1	140
9100 11025	1	22	15	67	.2	34	8	222	2.77	9	5	ND	6	23	1	2	2	41	.36	.017	30	34	.56	557	.02	2	1.62	.01	.09	1	3	90
9100 11075	1	46	19	88	.3	56	12	403	2.70	11	5	ND	4	68	1	2	2	29	1.39	.047	23	32	.47	524	.01	2	1.38	.01	.11	1	3	190
9100 11125	1	36	16	76	.3	37	9	366	2.62	11	5	ND	1	41	1	2	2	35	1.48	.033	23	29	.61	439	.02	2	1.19	.01	.10	1	1	180
9100 11200	1	38	17	100	.2	51	11	391	2.71	14	5	ND	5	80	1	2	2	28	1.84	.063	22	33	.73	437	.01	3	1.16	.01	.14	1	1	140
9100 11250	1	30	11	74	.1	35	8	400	2.03	12	5	ND	2	114	1	2	2	30	4.80	.075	17	25	.97	449	.03	11	.88	.01	.10	1	1	120
9500 10325	1	34	16	101	.1	37	9	525	3.24	13	5	ND	5	82	1	2	2	41	3.35	.074	30	30	.83	330	.02	7	1.53	.02	.11	1	1	170
9500 10375	1	34	20	94	.3	34	9	514	3.03	12	5	ND	4	82	1	2	2	37	3.32	.072	30	30	.82	339	.02	4	1.52	.03	.10	1	1	190
9500 10425	1	35	19	84	.4	44	9	464	2.98	13	5	ND	5	86	1	2	2	39	2.88	.059	26	38	.96	308	.02	2	1.58	.02	.10	1	2	180
9500 10475	1	42	21	98	.4	46	13	587	3.39	26	5	ND	5	102	1	2	2	38	3.30	.072	20	38	1.00	351	.02	7	1.18	.01	.13	1	3	230
9500 10525	1	38	18	84	.2	44	10	481	2.56	20	6	ND	7	72	1	5	2	36	3.14	.060	23	36	.71	290	.01	6	1.00	.01	.01	2	1	160
9500 10600	1	35	17	105	.2	48	11	535	2.81	12	5	ND	4	91	1	3	2	38	3.46	.074	19	34	.96	448	.02	13	1.24	.01	.15	1	1	150
9500 10650	2	34	16	79	.1	49	10	499	3.38	12	6	ND	7	28	1	2	4	49	.41	.029	38	48	.59	516	.02	6	1.90	.01	.15	1	1	170
9500 10700	1	33	10	96	.2	44	8	457	2.53	8	5	ND	4	81	1	2	2	37	3.26	.073	20	35	.86	365	.02	5	1.26	.01	.16	1	1	120
9500 10750	1	34	14	95	.4	45	9	485	2.52	10	5	ND	4	81	1	2	3	38	3.58	.073	20	34	.85	404	.02	6	1.23	.01	.17	1	1	140
9500 10800	1	30	13	83	.2	41	9	543	2.52	7	5	ND	2	66	1	2	5	37	2.78	.066	20	32	.75	449	.02	4	1.29	.01	.13	1	1	230
9500 10850	1	40	11	70	.4	36	8	418	2.26	10	5	ND	1	133	1	3	2	32	9.15	.068	15	30	.93	510	.01	3	1.07	.01	.09	1	1	200
9500 10925	1	32	8	77	.3	36	7	400	2.17	10	5	ND	2	76	1	2	2	31	3.99	.075	17	26	.72	396	.02	2	1.00	.01	.09	2	3	160
9500 10975	1	28	10	80	.2	46	9	407	2.81	7	5	ND	4	31	1	3	3	44	.51	.029	29	36	.62	525	.03	6	1.75	.01	.11	1	1	100
STD C/AU-S	18	58	41	132	6.7	66	29	1045	4.05	37	17	8	36	48	17	16	21	57	.46	.088	39	56	.92	173	.06	34	2.00	.06	.13	11	49	1400

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	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	Au* PPB	Hg PPB
9500 11025	1	33	17	78	.1	45	8	396	2.95	11	5	ND	3	41	1	2	2	21	.50	.048	19	23	.34	264	.01	2	.36	.01	.05	1	2	110
9500 11075	1	46	10	60	.2	34	6	480	2.34	7	5	ND	1	39	1	2	2	19	.58	.038	17	18	.29	313	.01	6	.81	.01	.06	1	1	90
9500 11200	1	43	10	77	.3	44	7	285	2.26	8	7	ND	3	42	1	2	2	31	1.37	.043	18	31	.64	358	.02	6	1.06	.01	.08	1	1	200
9900 9765	1	23	18	70	.1	32	7	217	3.35	6	5	ND	6	33	1	2	2	48	.55	.054	27	44	.30	523	.04	3	1.89	.02	.06	1	1	40
9900 9950	2	14	12	63	.1	21	6	197	2.95	7	5	ND	4	21	1	2	2	51	.49	.026	18	35	.51	142	.03	4	1.31	.01	.09	1	1	20
9900 10325	1	34	12	83	.4	35	9	390	3.34	12	5	ND	5	80	1	3	4	40	2.94	.074	25	32	.88	321	.02	4	1.39	.02	.08	1	2	120
9900 10375	1	38	28	89	.4	41	9	519	3.36	8	5	ND	5	86	1	2	2	40	2.93	.062	27	34	1.01	394	.01	10	1.49	.02	.09	1	1	150
9900 10425	1	38	11	84	.1	39	8	454	2.89	8	5	ND	2	73	1	2	2	32	3.39	.071	19	28	.66	272	.01	11	.94	.01	.07	1	1	190
9900 10475	1	32	13	89	.2	44	10	465	3.27	8	5	ND	3	40	1	4	3	38	.76	.060	22	34	.53	294	.01	7	1.07	.01	.07	1	1	220
9900 10525	1	33	14	93	.3	46	10	583	2.94	11	5	ND	4	71	1	2	2	33	2.74	.069	18	29	.67	326	.02	3	.97	.01	.09	1	1	160
9900 10560	1	37	13	77	.2	42	8	497	2.73	10	5	ND	2	160	1	3	2	31	8.72	.068	15	31	1.09	365	.01	6	.97	.02	.07	1	1	170
9900 10600	1	39	14	85	.2	51	9	541	3.30	9	5	ND	3	51	1	2	2	37	1.52	.048	23	33	.59	394	.01	6	1.17	.01	.07	1	2	190
9900 10650	1	34	17	93	.3	43	10	507	3.01	10	5	ND	4	103	1	2	2	37	4.63	.066	22	31	.78	371	.01	3	1.21	.01	.09	1	1	160
9900 10700	1	40	22	111	.3	48	10	535	3.23	10	5	ND	6	82	1	2	2	37	3.28	.076	23	34	.85	347	.01	6	1.26	.01	.11	1	1	180
9900 10750-1	1	33	12	97	.3	39	8	438	2.35	10	5	ND	5	82	1	2	3	31	3.29	.072	17	30	.90	392	.02	11	.99	.01	.12	1	1	150
9900 10750-2	1	29	10	93	.4	39	7	421	2.29	10	5	ND	5	83	1	2	2	29	3.30	.074	17	27	.90	401	.02	7	.91	.01	.12	1	2	170
9900 10750-3	1	32	15	101	.4	40	8	443	2.49	8	5	ND	4	89	1	3	3	32	3.46	.073	17	30	.96	412	.02	9	.99	.01	.14	1	4	160
9900 10825	1	34	13	99	.1	44	8	494	2.51	9	5	ND	5	85	1	2	2	34	3.57	.072	18	32	.95	435	.02	3	1.11	.02	.12	1	1	140
9900 10850	1	35	16	96	.3	47	8	559	2.68	9	5	ND	4	100	1	2	2	36	3.09	.066	19	33	.88	424	.02	4	1.17	.02	.12	1	1	130
9900 10975	1	37	11	59	.5	36	6	286	1.80	9	5	ND	1	118	1	2	2	22	6.74	.071	11	22	.84	345	.01	8	.70	.02	.07	1	1	230
9900 11025	1	43	15	82	.3	46	7	379	2.45	9	5	ND	2	59	1	2	2	36	2.85	.056	18	31	.71	457	.01	7	1.17	.02	.09	1	1	200
9900 11075	1	19	13	56	.1	27	6	229	2.10	8	5	ND	4	19	1	3	2	32	.31	.019	14	27	.40	405	.02	3	1.18	.01	.07	1	2	40
10200 9875	1	22	16	62	.1	34	9	296	3.13	5	5	ND	9	29	1	2	2	46	.38	.020	29	43	.68	354	.02	5	2.25	.01	.09	1	1	20
10200 9925	1	24	16	70	.1	44	11	373	3.82	4	5	ND	6	35	1	2	3	54	.60	.069	22	53	.84	396	.01	3	2.53	.02	.09	1	1	110
10200 9950	1	25	12	74	.2	35	8	789	2.64	12	5	ND	1	81	1	2	2	33	1.81	.047	20	28	.64	401	.02	6	1.12	.02	.09	1	2	70
10200 10050	1	24	11	54	.1	28	7	167	3.11	8	6	ND	9	16	1	2	2	42	.18	.009	28	37	.56	176	.02	2	1.94	.01	.05	1	1	20
10200 10325	1	44	23	91	.1	47	11	541	3.78	8	5	ND	8	28	1	2	3	51	.48	.013	44	39	.73	324	.03	6	1.94	.02	.08	1	1	130
10200 10425	1	34	20	90	.1	46	11	568	3.85	10	5	ND	10	32	1	2	2	47	.59	.017	34	44	.70	289	.01	6	1.83	.01	.09	1	1	100
10200 10475	1	40	18	114	.1	46	11	697	3.68	10	5	ND	7	63	1	2	2	40	2.10	.089	27	32	.80	263	.01	4	1.33	.02	.10	1	1	130
10200 10525	1	45	24	132	.1	53	15	550	4.41	12	5	ND	8	71	1	2	2	46	2.28	.081	32	41	1.03	210	.01	7	1.77	.02	.11	1	1	110
10200 10600	1	40	15	118	.2	57	12	392	4.37	14	5	ND	7	56	1	2	2	52	.93	.086	30	48	.95	285	.02	5	1.76	.02	.11	1	11	120
10200 10725	1	33	18	103	.3	39	10	546	3.09	7	5	ND	5	107	1	2	2	36	4.56	.077	24	29	.97	317	.02	10	1.23	.02	.09	1	1	160
10200 10775	1	33	15	85	.3	40	9	540	2.85	6	5	ND	4	114	1	2	2	34	6.04	.079	19	28	.90	367	.01	3	1.03	.01	.08	1	1	200
10200 10825	1	50	19	73	.4	39	10	432	2.75	13	5	ND	2	107	1	2	2	34	6.26	.068	15	27	.84	468	.02	4	1.02	.01	.07	2	3	170
10200 10900	1	33	10	77	.1	38	7	463	2.40	9	5	ND	4	100	1	2	2	32	5.16	.071	16	28	.88	461	.02	2	1.05	.01	.09	1	1	150
10200 11075	1	22	16	83	.1	39	9	504	3.12	11	5	ND	5	31	1	2	2	39	.73	.036	24	33	.71	356	.02	6	1.39	.01	.08	1	1	100
10200 11125	1	34	11	73	.4	40	8	353	2.79	11	5	ND	3	46	1	2	2	38	1.07	.028	21	27	.71	248	.04	3	1.13	.02	.09	1	2	180
STD C/AU-S	17	57	40	132	7.1	67	29	1038	4.08	37	21	7	36	47	17	17	18	57	.46	.084	39	56	.92	171	.06	39	1.99	.06	.13	12	50	1400

37

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	Au* PPB	Hg PPB
10200 11175	1	42	19	69	.3	53	9	420	3.37	13	5	ND	7	25	1	4	2	48	.40	.019	32	43	.59	575	.01	5	1.84	.01	.10	1	1	130
10200 11225	1	19	15	64	.1	27	6	247	2.66	10	5	ND	6	16	1	2	2	34	.28	.022	23	30	.53	464	.03	5	1.38	.01	.08	1	7	60
10600 9725	1	43	21	73	.1	42	9	382	4.11	5	5	ND	8	40	1	2	2	56	.48	.013	32	45	.92	261	.03	3	2.08	.02	.11	1	4	40
10600 9850	1	33	14	59	.1	39	9	373	3.08	5	6	ND	5	22	1	2	4	46	.35	.024	33	41	.65	244	.03	4	1.77	.02	.09	1	5	30
10600 10000	1	27	17	66	.4	39	10	391	4.41	6	5	ND	9	63	1	2	2	69	.80	.035	35	56	1.48	351	.05	5	2.60	.04	.11	1	2	40
10600 10150	1	41	18	80	.3	36	8	449	3.63	9	5	ND	5	78	1	2	3	42	3.17	.084	26	34	.83	269	.01	2	1.52	.02	.09	1	6	80
10600 10215	1	57	18	100	.3	51	10	484	4.47	13	5	ND	8	28	1	2	2	52	.50	.036	48	44	.73	385	.03	3	1.92	.02	.08	1	1	240
10600 10275	1	31	16	59	.1	27	8	392	3.31	2	6	ND	7	23	1	2	4	38	.36	.013	30	28	.61	234	.04	4	1.66	.02	.09	1	1	40
10600 10475	3	49	20	76	.3	51	10	551	4.20	9	5	ND	12	27	1	3	2	49	.57	.014	37	44	.75	226	.01	2	1.97	.01	.10	1	2	60
10600 10550	1	35	16	62	.3	34	7	291	3.26	9	5	ND	6	27	1	2	4	37	.74	.023	37	31	.72	308	.02	4	1.33	.02	.05	1	4	130
10600 10600	1	37	14	92	.2	45	10	541	3.50	10	5	ND	5	78	1	2	3	41	2.96	.078	24	41	.89	196	.02	5	1.42	.02	.09	1	2	80
10600 10850	1	20	14	65	.3	27	7	322	2.58	7	5	ND	5	30	1	2	2	31	.44	.065	20	30	.52	187	.02	2	1.13	.01	.08	1	1	50
10600 11050	1	31	8	53	.3	28	5	311	1.75	7	5	ND	2	104	1	2	2	24	7.83	.050	12	23	.68	449	.01	2	.83	.01	.08	2	1	100
10600 11100	1	15	17	74	.4	26	8	230	2.67	8	6	ND	3	25	1	2	5	43	.51	.024	21	30	.55	520	.02	2	1.68	.01	.06	1	1	30
STD C/AU-S	17	58	38	129	6.7	67	28	1092	4.15	36	23	8	36	47	17	17	23	57	.46	.087	39	56	.92	174	.06	32	1.95	.06	.14	12	52	1400

Minfel "B" (AP)

8807-044

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
-200 MESH

DATE RECEIVED: JULY 08 1988 DATE REPORT MAILED: July 14/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

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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	Au* PPB	Hg PPB
MTB-1-1	2	24	25	117	.1	36	10	906	2.70	16	5	ND	4	96	1	3	2	27	3.64	.073	23	24	.72	374	.01	4	.98	.01	.14	1	3	150
MTB-1-2	2	24	23	124	.1	34	10	947	3.07	16	5	ND	5	113	1	2	2	27	4.02	.075	24	22	.75	341	.01	3	1.03	.01	.16	1	4	160
MTB-1-3	2	25	29	126	.1	32	10	802	3.20	21	5	ND	5	105	1	2	2	27	3.46	.076	25	19	.76	332	.01	3	1.04	.01	.16	1	8	140
MTB-1-4	2	27	26	121	.3	33	10	705	3.30	26	5	ND	5	105	1	2	2	28	4.04	.069	20	22	.80	398	.01	3	1.08	.01	.16	1	10	190
MTB-2-1	1	37	14	107	.1	40	8	436	2.51	16	5	ND	2	86	1	2	2	22	2.51	.075	18	24	.84	414	.01	7	.95	.01	.09	1	1	100
MTB-2-2	1	37	17	112	.1	44	11	507	2.67	20	5	ND	3	88	1	2	2	25	2.72	.073	19	26	.92	397	.01	2	1.07	.01	.11	1	1	140
MTB-2-3	1	33	19	104	.3	37	10	502	2.68	20	5	ND	3	91	1	2	2	24	2.84	.074	19	23	.85	399	.01	5	.98	.01	.11	1	4	130
MTB 5200-9525	1	42	15	83	.5	48	10	502	2.93	6	5	ND	2	68	1	2	6	42	2.85	.070	22	43	1.09	397	.07	6	1.55	.01	.08	1	2	180
MTB 5200-9575	1	28	9	75	.1	38	7	408	2.39	10	5	ND	1	105	1	2	2	27	5.46	.065	16	28	.94	398	.02	7	.92	.01	.07	1	2	140
MTB 5200-9650	1	46	17	63	.6	37	6	356	2.31	10	5	ND	1	106	1	2	2	22	6.33	.051	19	20	.62	359	.01	2	.77	.01	.06	1	2	220
MTB 5200-9700	1	40	13	78	.3	43	9	398	2.63	9	5	ND	1	69	1	2	2	30	3.66	.066	16	31	.71	339	.01	5	1.11	.01	.08	1	1	170
MTB 5200-9750	2	36	14	52	.1	34	8	260	2.82	11	5	ND	6	21	1	2	2	35	.37	.012	25	42	.57	346	.02	4	1.40	.01	.07	1	1	50
MTB 5200-9800	2	34	22	121	.2	37	9	441	2.85	18	5	ND	4	78	1	3	2	32	3.42	.093	22	27	1.17	680	.03	5	1.02	.01	.08	1	1	40
MTB 5200-9875	1	79	27	81	.1	48	10	529	3.88	13	5	ND	8	21	1	2	2	48	.34	.015	31	46	.74	332	.02	2	1.85	.01	.10	1	2	150
MTB 5200-9935	2	68	31	77	.3	47	11	763	3.30	15	5	ND	4	34	1	2	2	37	.81	.068	26	35	.76	336	.01	2	1.41	.01	.07	1	1	120
MTB 5200-10000	2	33	23	111	.1	32	8	417	2.79	16	5	ND	1	60	1	2	4	20	2.28	.068	14	19	.57	238	.01	2	.89	.01	.06	2	1	90
MTB 5400-9475	1	29	13	83	.3	45	8	513	2.78	10	5	ND	5	36	1	2	2	32	.87	.071	20	34	.70	231	.02	12	1.10	.01	.10	1	1	80
MTB 5400-9675	1	45	18	89	.2	60	11	883	3.57	18	5	ND	9	23	1	3	2	39	.31	.026	38	37	.56	335	.02	2	1.35	.01	.08	1	1	140
MTB 5400-9850	1	25	16	88	.2	27	7	425	2.41	14	5	ND	3	130	1	2	2	29	4.55	.076	20	23	1.20	564	.03	7	.94	.01	.08	1	3	40
MTB 5400-9900	1	45	14	71	.2	35	7	407	2.33	12	5	ND	1	65	1	2	2	32	2.74	.092	19	22	.88	264	.02	4	.96	.01	.06	2	1	80
MTB 5400-9975	4	49	25	171	.2	37	9	523	2.53	12	5	ND	2	165	1	2	2	27	7.36	.063	17	25	.89	308	.01	6	.96	.01	.08	1	1	70
MTB 5600-9775	1	46	21	83	.1	52	9	373	3.47	17	5	ND	7	22	1	5	2	38	.36	.022	36	38	.56	376	.01	3	1.51	.01	.08	1	3	130
MTB 5600-9825	1	38	19	76	.1	49	10	524	3.03	12	5	ND	4	24	1	2	2	34	.38	.035	25	35	.52	365	.01	3	1.25	.01	.08	1	1	110
MTB 5600-9875	1	50	28	94	.4	58	12	924	3.46	11	5	ND	8	25	1	2	3	42	.64	.028	35	44	.94	307	.02	5	1.61	.01	.11	1	1	100
MTB 5600-10000	3	19	18	133	.1	32	9	284	3.14	11	5	ND	5	19	1	2	2	45	.33	.019	21	37	.55	468	.03	2	1.77	.01	.06	2	1	50
MTB 5600-10050	1	41	16	102	.3	30	7	353	2.63	12	5	ND	1	70	1	3	2	21	2.76	.074	15	21	.62	230	.01	4	.80	.01	.05	1	3	120
MTB 5600-10250	1	39	16	74	.5	27	7	289	2.63	14	5	ND	1	59	1	3	2	24	2.70	.054	18	22	.51	329	.01	4	.90	.01	.06	1	3	180
MTB 5600-10300	1	24	22	85	.1	25	7	260	2.80	17	5	ND	5	13	1	2	2	26	.20	.014	26	24	.36	211	.01	2	1.07	.01	.05	1	1	60
MTB 5600-10400	2	14	12	79	.1	19	5	316	2.49	16	5	ND	7	14	1	2	2	15	.17	.020	31	16	.27	154	.01	3	.82	.01	.08	1	2	20
MTB 5600-10475	1	33	18	102	.1	30	8	489	2.70	18	5	ND	3	69	1	3	2	20	1.93	.067	21	23	.63	210	.01	5	.94	.01	.09	1	4	60
MTB 5600-10525	1	16	13	86	.1	24	7	345	2.27	11	5	ND	5	36	1	2	4	19	.59	.068	18	19	.43	188	.01	7	.66	.01	.08	1	1	50
MTB 5600-10650	1	34	19	82	.3	37	8	425	2.44	14	5	ND	4	156	1	3	2	31	5.55	.076	17	26	1.05	524	.02	4	1.01	.02	.08	2	5	90
MTB 5600-10700	1	36	19	75	.2	30	8	384	2.44	28	5	ND	1	151	1	3	2	25	7.95	.066	14	24	.88	440	.01	5	.96	.02	.08	1	2	150
MTB 5800-9500	1	24	8	56	.1	29	7	304	2.39	14	5	ND	5	18	1	2	2	29	.52	.026	24	32	.52	383	.02	3	.92	.01	.06	1	1	200
MTB 5800-9550	1	30	13	67	.2	45	10	607	2.82	12	5	ND	3	25	1	3	2	37	.51	.055	29	37	.64	449	.02	2	1.23	.01	.07	1	1	140
MTB 5800-9625	1	24	15	60	.1	27	7	234	2.61	12	5	ND	4	26	[illegible]	2	2	31	.49	.079	26	28	.53	321	.02	2	1.09	.01	.06	1	[illegible]	50
STD C/AU	17	57	38	132	7.1	68	30	1042	4.08	40	18	8	36	47	[illegible]	16	18	56	.46	.089	36	57	.92	174	.06	33	1.91	.06	.13	12	52	1300

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	Au* PPB	Hg PPB
MTB 5800 9675	1	37	15	69	.2	36	8	330	2.82	10	5	ND	4	78	1	2	2	32	3.21	.048	25	35	.81	302	.02	5	1.24	.02	.06	1	1	110
MTB 5800 9775	1	33	14	92	.2	41	9	515	2.69	11	5	ND	4	113	1	2	2	29	3.97	.067	19	26	1.25	335	.02	7	1.00	.02	.10	1	1	120
MTB 5800 9825	1	36	20	85	.2	50	12	554	3.33	13	5	ND	6	37	1	3	2	35	.79	.030	22	36	.61	364	.01	6	1.37	.01	.08	1	5	120
MTB 5800 9875	1	65	20	80	.3	50	8	409	3.17	20	5	ND	2	39	1	3	2	31	1.12	.064	24	36	.68	344	.01	2	1.05	.01	.06	1	7	150
MTB 5800 9950	2	33	18	63	.3	34	8	316	2.67	14	5	ND	4	35	1	2	2	35	.61	.050	22	30	.64	394	.02	6	1.22	.01	.05	1	4	130
MTB 5800 10075	1	23	18	62	.1	27	8	245	2.74	12	5	ND	5	16	1	2	2	40	.36	.012	16	37	.63	229	.03	3	1.67	.02	.06	1	1	30
MTB 5800 10525	2	36	17	115	.4	40	7	442	2.45	12	5	ND	3	82	1	2	2	36	3.16	.080	17	34	.89	493	.02	6	1.05	.01	.13	1	4	120
MTB 5800 10575	2	25	14	115	.2	33	5	441	2.58	17	5	ND	5	67	1	3	2	27	2.43	.067	21	25	.71	385	.01	3	.96	.01	.12	1	4	80
MTB 5800 10625	1	29	25	83	.1	32	8	847	2.33	9	5	ND	3	44	1	2	2	20	1.02	.070	16	23	.54	294	.01	2	.97	.01	.09	2	3	60
MTB 5800 10700	2	19	25	85	.1	24	7	629	2.25	16	5	ND	4	43	1	3	2	17	.67	.060	24	20	.42	212	.01	2	.99	.02	.11	1	2	40
MTB 6100 9350	2	33	15	98	.2	41	9	399	3.33	10	5	ND	6	34	1	2	2	41	.49	.067	24	38	.64	317	.02	2	1.37	.01	.10	2	3	170
MTB 6100 9400	1	36	17	66	.1	51	9	486	2.85	11	5	ND	6	19	1	2	2	35	.32	.016	24	36	.53	405	.02	4	1.21	.01	.05	1	7	190
MTB 6100 9500	1	41	14	59	.5	36	6	389	2.25	8	5	ND	2	123	1	2	2	29	7.18	.055	16	28	.90	514	.02	13	1.00	.01	.07	1	30	220
MTB 6100 9550	1	11	10	40	.1	18	5	159	1.96	5	5	ND	4	9	1	3	2	29	.11	.012	16	26	.41	136	.02	2	1.15	.01	.03	1	4	20
MTB 6100 9600	1	45	15	71	.1	52	10	477	3.02	12	5	ND	6	33	1	2	2	40	.49	.018	27	43	.70	382	.03	4	1.67	.02	.07	1	2	120
MTB 6100 9700	1	37	16	59	.1	48	9	392	3.06	12	5	ND	6	24	1	2	2	36	.47	.012	44	45	.52	290	.01	5	1.24	.01	.07	1	3	110
MTB 6100 9750	1	43	13	80	.3	52	10	465	3.35	12	5	ND	7	23	1	2	2	41	.41	.036	33	43	.64	457	.02	2	1.59	.01	.08	1	3	210
MTB 6100 9875	1	25	9	73	.2	30	6	282	2.29	7	5	ND	4	56	1	2	2	27	2.15	.073	17	27	.72	303	.03	4	.81	.01	.06	1	13	120
MTB 6100 10075	1	26	21	67	.2	37	8	439	3.00	14	5	ND	4	24	1	2	4	36	.43	.015	24	33	.57	392	.01	3	1.43	.01	.08	1	2	90
MTB 6100 10400	2	29	20	112	.5	34	8	566	2.81	17	5	ND	6	80	1	2	2	21	2.44	.066	18	23	.80	320	.01	4	.82	.01	.12	1	10	130
MTB 6100 10500	1	21	13	73	.1	38	6	258	2.73	11	5	ND	5	19	1	2	2	33	.34	.044	23	36	.53	330	.03	2	1.40	.01	.08	1	2	50
MTB 6400 9400	1	30	14	91	.2	37	8	498	2.88	11	5	ND	6	63	1	2	2	34	2.95	.069	19	38	.81	281	.03	4	1.13	.01	.13	1	2	100
MTB 6400 9500	1	59	14	63	.9	47	7	360	2.32	7	5	ND	1	102	1	2	2	32	6.53	.071	14	48	.95	395	.03	4	1.10	.01	.07	1	6	260
MTB 6400 9575	1	28	16	61	.1	39	8	522	2.74	9	5	ND	5	23	1	3	2	38	.45	.019	28	35	.51	427	.02	3	1.47	.01	.07	1	2	150
MTB 6400 9675	1	38	12	56	.3	45	7	407	2.47	7	5	ND	4	29	1	2	2	31	.60	.039	20	33	.54	320	.02	2	1.15	.01	.06	1	3	180
MTB 6400 9725	1	26	14	67	.1	28	6	276	2.30	7	5	ND	4	20	1	2	3	32	.37	.020	21	30	.46	365	.02	2	1.28	.01	.07	1	1	50
MTB 6400 9775	1	58	17	65	.2	58	9	829	2.85	9	5	ND	5	28	1	3	2	39	.57	.048	30	44	.64	384	.02	5	1.37	.01	.08	1	2	140
MTB 6400 9825	1	19	14	58	.1	27	6	135	2.72	10	5	ND	7	8	1	2	2	38	.08	.013	26	35	.47	121	.02	2	1.55	.01	.06	1	1	20
MTB 6400 9900	1	28	14	56	.2	33	8	236	2.70	10	5	ND	6	13	1	2	2	32	.17	.013	28	35	.37	155	.01	3	1.10	.01	.05	1	2	120
MTB 6400 10000	1	29	16	60	.2	33	8	276	2.99	12	5	ND	9	15	1	3	2	31	.19	.010	27	28	.46	218	.01	2	1.17	.01	.06	2	5	50
MTB 6400 10100	1	31	15	92	.2	37	8	327	2.79	9	5	ND	5	32	1	2	2	28	.73	.071	21	33	.65	227	.02	6	.89	.01	.07	1	1	90
MTB 6400 10175	1	24	17	90	.1	35	8	456	2.44	11	5	ND	3	68	1	4	2	19	2.37	.062	13	25	.59	243	.01	2	.56	.01	.07	1	3	130
MTB 6400 10275	3	51	16	72	.4	34	8	337	2.42	19	5	ND	4	84	1	2	2	26	3.33	.096	19	28	1.16	664	.02	3	.82	.01	.06	1	2	60
MTB 6400 10650	2	17	16	141	.1	26	7	314	2.55	13	5	ND	3	32	1	2	2	28	.54	.058	21	30	.49	360	.02	6	.94	.01	.07	1	1	30
MTB 6400 10750	1	19	18	63	.2	25	6	265	2.66	25	5	ND	5	13	1	2	2	24	.22	.015	34	26	.38	244	.01	2	1.11	.01	.07	1	4	60
MTB 6400 10800	1	32	15	102	.2	41	8	407	2.74	15	5	ND	4	90	1	2	2	25	3.81	.065	16	28	.86	365	.01	2	1.12	.01	.09	1	4	130
STD C/AU-S	17	58	42	132	7.1	68	28	1051	4.11	41	17	7	36	47	17	15	21	56	.46	.088	38	57	.91	171	.06	33	1.95	.06	.13	12	52	1300

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	Au* PPB	Hg PPB
MTB 6700 9475	1	27	15	67	.1	23	8	233	3.05	8	5	ND	11	11	1	2	2	45	.11	.021	29	38	.67	141	.03	2	1.82	.01	.08	1	2	40
MTB 6700 9650	1	45	18	88	.1	52	11	618	3.25	11	5	ND	4	39	1	2	3	41	1.02	.031	26	40	.69	411	.01	5	1.37	.01	.09	1	6	210
MTB 6700 9700	1	37	12	76	.2	30	6	238	2.52	12	5	ND	2	79	1	3	2	33	3.11	.068	19	27	.97	640	.02	6	1.11	.02	.07	2	3	110
MTB 6700 9750	1	33	29	94	.1	40	11	344	3.18	12	5	ND	8	21	1	2	2	47	.32	.020	31	50	.52	490	.02	2	1.74	.01	.08	2	1	120
MTB 6700 9800	1	38	12	69	.1	35	7	315	2.54	8	5	ND	3	26	1	2	2	33	.75	.042	21	27	.59	493	.02	7	1.09	.01	.07	1	1	220
MTB 6700 10075	1	42	9	53	.1	28	6	147	2.28	9	5	ND	3	25	1	3	2	32	.76	.032	20	29	.68	420	.02	2	1.25	.01	.05	2	2	130
MTB 6700 10375	2	80	35	126	.1	62	16	603	4.20	13	5	ND	8	64	1	2	2	50	2.42	.067	23	76	1.40	269	.01	6	1.82	.01	.07	1	1	50
MTB 6700 10475	1	29	12	99	.1	31	8	420	2.34	10	5	ND	1	81	1	2	2	21	3.30	.066	14	22	.78	349	.01	3	.70	.01	.08	1	1	80
MTB 6700 10525	1	34	12	91	.1	36	8	487	2.40	10	5	ND	1	66	1	2	2	26	2.96	.070	15	25	.64	399	.01	3	.92	.01	.09	1	2	130
MTB 6700 10625	1	46	10	63	.4	31	5	295	1.95	9	5	ND	1	80	1	3	2	20	7.18	.064	10	21	.51	455	.01	3	.81	.01	.06	1	1	150
MTB 6700 10675	1	29	16	68	.1	31	9	382	3.20	12	5	ND	6	18	1	4	2	36	.39	.013	39	33	.45	320	.02	2	1.39	.01	.08	1	3	80
MTB 6700 10750	1	20	10	55	.1	22	6	215	2.42	17	5	ND	7	12	1	2	3	21	.18	.012	29	22	.32	233	.01	4	.93	.01	.06	1	4	30
MTB 6700 10800	1	22	11	58	.1	23	7	598	2.46	13	5	ND	3	26	1	2	2	28	.57	.029	19	29	.47	308	.02	4	1.17	.02	.07	1	1	100
MTB 6700 10875	1	16	15	66	.1	24	9	413	3.13	12	5	ND	1	40	1	4	2	35	.71	.053	15	28	.64	227	.05	2	1.10	.01	.12	1	1	70
MTB 6700 11000	1	38	12	71	.3	31	6	290	2.10	9	5	ND	1	118	1	3	2	26	5.72	.065	13	25	.89	392	.01	10	.93	.01	.07	1	2	150
MTB 6700 11075	1	38	13	71	.2	47	8	275	2.84	15	5	ND	5	19	1	3	2	31	.32	.034	19	31	.51	655	.01	2	1.22	.01	.08	1	1	160
MTB 6700 11125	1	33	16	71	.1	35	10	329	2.77	15	5	ND	4	14	1	3	6	29	.25	.024	23	29	.43	287	.01	2	1.13	.01	.09	1	1	100
MTB 6700 11175	1	16	11	60	.1	27	7	226	2.47	11	5	ND	4	15	1	2	2	27	.27	.027	14	26	.39	307	.01	5	1.07	.01	.07	1	1	70
MTB 6975 10775	1	22	14	57	.1	27	6	197	2.64	13	5	ND	5	11	1	3	4	24	.14	.008	25	24	.30	184	.01	4	.92	.01	.08	1	1	70
MTB 7000 9450	1	43	24	82	.1	41	11	538	4.27	13	5	ND	16	21	1	2	2	57	.24	.012	51	46	.82	269	.03	3	2.33	.01	.08	1	1	90
MTB 7000 9510	1	38	16	81	.2	44	11	548	2.98	10	5	ND	3	72	1	3	2	36	3.25	.057	21	34	.78	341	.02	6	1.25	.02	.09	1	14	200
MTB 7000 9625	2	35	19	73	.1	37	10	404	3.54	14	5	ND	8	39	1	3	2	44	.46	.017	28	37	.66	341	.02	4	1.64	.02	.11	1	1	60
MTB 7000 9700	1	46	14	71	.1	42	9	456	3.19	12	5	ND	6	25	1	2	3	41	.40	.031	25	32	.57	361	.03	9	1.33	.02	.06	1	2	110
MTB 7000 9750	1	28	18	75	.3	39	10	484	2.95	9	5	ND	6	25	1	2	5	38	.47	.032	22	38	.57	433	.01	6	1.45	.01	.08	1	1	120
MTB 7000 9850	1	40	14	64	.2	31	8	837	2.38	6	5	ND	1	110	1	2	2	33	5.65	.049	17	23	.67	348	.02	4	1.21	.01	.10	1	1	50
MTB 7000 9925	1	38	18	67	.3	41	9	496	2.99	13	5	ND	5	26	1	3	3	38	.54	.040	24	32	.61	429	.03	2	1.28	.01	.07	1	3	110
MTB 7000 9975	1	36	15	67	.1	48	8	597	3.04	13	5	ND	7	24	1	2	2	40	.46	.035	32	47	.74	356	.03	6	1.27	.02	.06	1	2	130
MTB 7000 10025	1	56	22	97	.1	53	11	490	3.37	12	5	ND	6	35	1	2	2	44	.60	.043	24	52	.75	386	.02	7	1.61	.02	.15	1	1	150
MTB 7000 10100	2	18	6	64	.1	28	7	318	2.26	7	5	ND	3	27	1	2	3	25	.49	.055	13	27	.42	168	.02	9	.74	.01	.06	1	1	100
MTB 7000 10200	1	42	19	63	.1	40	8	242	3.29	8	5	ND	13	18	1	3	2	40	.21	.011	64	39	.59	198	.01	5	1.73	.01	.06	1	2	100
MTB 7000 10250	1	24	8	66	.1	30	6	319	2.42	10	5	ND	1	25	1	2	2	24	.38	.027	16	22	.33	366	.01	3	.94	.01	.05	1	1	70
MTB 7000 10300	1	29	15	84	.1	37	9	477	2.89	16	5	ND	4	38	1	2	4	32	1.20	.047	18	26	.55	354	.02	2	1.09	.01	.08	2	2	110
MTB 7000 10350	1	17	17	69	.3	24	6	213	2.63	13	5	ND	3	57	1	2	2	30	.72	.056	21	23	.64	314	.02	4	1.03	.01	.06	2	1	450
MTB 7000 10500	1	32	15	96	.1	39	8	450	2.54	11	5	ND	1	99	1	2	4	26	4.24	.068	16	25	.79	348	.02	5	.88	.01	.09	1	1	130
MTB 7000 10600	1	32	16	72	.5	39	8	393	2.72	11	5	ND	3	36	1	2	2	33	.92	.058	19	27	.77	378	.02	3	1.11	.01	.07	1	1	150
MTB 7000 10650	2	17	21	95	.1	25	8	178	3.03	20	5	ND	5	34	1	2	2	35	.63	.044	22	25	.54	217	.03	10	1.17	.01	.06	1	1	40
STD C/AU-S	17	57	38	132	7.1	67	27	1041	4.06	43	15	8	36	47	17	16	20	56	.46	.086	38	56	.91	173	.06	33	1.91	.06	.14	13	50	1300

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	Au* PPB	Hg PPB
MTB 7000-10700	1	21	12	67	.1	38	11	423	2.74	15	5	ND	4	31	1	2	2	36	.47	.052	23	30	.63	414	.03	4	1.24	.01	.07	1	1	50
MTB 7000-10750	1	26	10	49	.1	34	7	343	1.82	8	5	ND	2	37	1	2	2	27	1.05	.079	16	23	.66	461	.03	10	.85	.01	.06	2	4	40
MTB 7000-10825	1	26	14	66	.2	28	8	334	2.61	14	5	ND	6	13	1	2	4	29	.22	.015	21	27	.40	359	.01	6	1.24	.01	.07	1	3	30
MTB 7000-10850	2	36	21	106	.3	42	11	500	3.30	18	5	ND	5	34	1	2	2	30	.53	.033	34	32	.61	356	.01	2	1.31	.01	.08	1	6	110
MTB 7000-10875	2	38	21	137	.3	37	8	415	3.18	19	5	ND	5	73	1	2	3	27	2.89	.071	25	29	.80	368	.02	6	1.12	.01	.09	1	12	100
MTB 7000-10900	2	32	21	119	.2	37	9	412	3.64	19	5	ND	11	17	1	2	2	32	.31	.025	30	33	.55	366	.01	3	1.34	.01	.10	1	3	60
MTB 7000-10925	1	27	14	76	.2	41	10	560	2.50	9	5	ND	3	43	1	2	2	33	1.23	.082	23	37	.83	364	.03	2	1.13	.01	.08	1	5	200
MTB 7000-11075	1	38	14	94	.5	51	10	403	2.63	13	5	ND	3	143	1	2	2	25	5.37	.061	12	28	1.14	356	.01	3	1.20	.03	.09	1	4	160
MTB 7000-11125	1	28	11	80	.1	40	9	333	3.09	13	5	ND	6	13	1	2	2	30	.26	.017	20	36	.49	270	.02	2	1.25	.01	.11	1	1	60
MTB 7000-11175	1	28	14	73	.1	37	8	290	2.48	8	5	ND	3	15	1	2	2	31	.23	.036	22	31	.52	287	.01	2	1.23	.01	.08	1	4	140
MTB 7000-11225	1	53	12	79	.3	52	9	285	2.72	13	5	ND	3	24	1	2	2	34	.49	.040	22	33	.56	510	.01	2	1.35	.01	.10	1	5	200
MTB 7275-9800	1	30	14	54	.1	27	8	228	2.65	11	5	ND	7	18	1	2	2	36	.19	.011	17	31	.38	236	.01	2	1.33	.01	.04	1	1	50
MTB 7300-9425	2	29	19	66	.1	28	8	280	2.98	13	5	ND	14	19	1	2	2	40	.23	.027	26	37	.66	240	.02	2	1.86	.01	.10	1	3	30
MTB 7300-9500	3	16	13	69	.1	24	9	419	2.73	9	5	ND	5	26	1	2	2	37	.46	.027	20	32	.61	436	.03	2	1.60	.02	.07	1	1	20
MTB 7300-9675	1	33	7	62	.2	31	8	385	2.15	7	5	ND	1	171	1	3	2	26	8.61	.059	12	22	1.04	364	.02	13	.77	.04	.07	1	1	160
MTB 7300-9900	2	42	15	73	.1	40	11	440	3.12	16	5	ND	7	21	1	5	2	37	.33	.017	32	35	.58	250	.03	5	1.27	.01	.08	1	1	50
MTB 7300-9950	1	40	8	55	.5	25	6	295	2.08	8	5	ND	2	86	1	2	2	28	5.05	.080	16	21	.77	341	.02	3	.98	.01	.08	1	2	150
MTB 7300-10000	1	17	11	53	.1	25	6	183	2.20	6	5	ND	5	14	1	2	2	35	.21	.032	18	29	.52	280	.02	2	1.49	.01	.05	2	5	20
MTB 7300-10125	1	44	13	87	.2	57	11	497	3.10	13	5	ND	5	29	1	2	2	34	.50	.031	21	34	.49	500	.01	7	1.33	.01	.09	1	7	160
MTB 7300-10325	1	9	10	55	.1	20	7	127	2.37	10	5	ND	5	9	1	2	2	35	.08	.008	18	21	.39	149	.02	2	1.28	.01	.03	1	1	10
MTB 7300-10600	1	30	10	76	.3	33	9	388	2.08	11	5	ND	3	72	1	2	2	22	2.63	.065	13	20	.76	360	.02	7	.62	.01	.07	1	1	100
MTB 7300-10625	1	26	8	86	.2	32	7	394	2.24	12	5	ND	2	77	1	2	2	23	2.68	.066	13	19	.73	407	.02	2	.64	.01	.08	1	4	110
MTB 7300-10700	1	33	12	89	.2	36	9	425	2.39	14	5	ND	2	91	1	2	2	23	4.55	.070	15	23	.78	422	.01	2	.80	.01	.07	1	3	130
MTB 7300-10750	1	34	12	97	.1	41	9	474	2.59	10	5	ND	3	85	1	2	2	27	4.31	.071	17	25	.76	348	.01	5	.98	.01	.10	1	4	160
MTB 7300-10875	1	12	11	49	.1	20	5	206	1.94	9	5	ND	4	14	1	2	2	24	.23	.015	27	21	.33	260	.01	2	.98	.01	.05	2	4	40
MTB 7300-11000	1	11	12	62	.1	21	5	285	2.48	10	5	ND	4	22	1	2	2	31	.35	.016	20	26	.37	300	.01	6	1.36	.01	.06	1	1	20
MTB 7300-11200	1	52	11	96	.5	52	10	391	2.55	12	5	ND	2	113	1	2	2	32	3.87	.065	13	32	1.08	573	.01	2	1.23	.01	.11	1	5	360
MTB 7300-11250	1	46	10	95	.6	51	10	384	2.52	10	5	ND	4	88	1	2	2	29	3.12	.061	14	30	.93	468	.01	3	1.12	.01	.11	1	2	180
MTB 7300-11300	1	33	15	82	.1	41	8	250	2.81	12	5	ND	4	18	1	2	2	24	.38	.013	18	23	.44	243	.01	2	.93	.01	.04	1	4	130
MTB 7600-9675	1	36	16	97	.3	41	11	628	3.18	10	5	ND	7	57	1	2	2	39	2.32	.062	24	34	.80	291	.02	9	1.43	.01	.10	1	4	80
MTB 7600-9775	4	23	14	83	.1	21	9	328	2.58	8	5	ND	5	32	1	2	2	34	.55	.067	26	28	.61	286	.02	6	1.27	.01	.06	1	1	50
MTB 7600-9925	1	40	13	108	.5	41	10	521	2.81	13	5	ND	6	116	1	2	2	34	3.88	.074	20	29	1.19	413	.02	5	1.09	.02	.12	1	3	110
MTB 7600-10025	2	25	13	48	.2	26	7	139	2.44	7	5	ND	6	18	1	2	2	33	.27	.018	25	31	.50	270	.02	2	1.36	.01	.06	2	1	20
MTB 7600-10150	1	36	11	63	.1	61	9	178	2.80	20	5	ND	5	21	1	3	2	47	.38	.017	18	71	.69	260	.03	7	1.59	.01	.07	2	1	30
MTB 7600-10200	1	29	14	73	.1	41	10	390	3.09	13	5	ND	6	25	1	2	2	39	.30	.020	23	38	.49	421	.01	2	1.42	.01	.11	1	1	70
MTB 7600-10250	1	14	10	53	.1	26	7	209	2.35	9	5	ND	4	18	1	3	2	31	.22	.021	18	32	.45	379	.01	2	1.23	.01	.08	2	3	40
STD C/AU-S	17	58	38	132	7.1	68	29	1041	4.07	40	19	7	37	47	17	16	21	57	.46	.085	39	55	.92	174	.06	33	1.93	.06	.13	13	47	1300

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	Au* PPB	Hg PPB
MTB 7600-10325	1	23	19	50	.2	30	6	218	2.54	10	5	ND	5	24	1	2	7	34	.40	.043	20	35	.50	451	.02	2	1.60	.01	.07	1	6	40
MTB 7600-10450-1	1	30	10	95	.2	35	8	425	2.34	7	5	ND	3	61	1	2	4	18	2.01	.060	14	20	.63	355	.01	3	.53	.01	.05	1	2	120
MTB 7600-10450-2	1	27	9	97	.1	33	7	397	2.19	11	5	ND	3	64	1	2	3	16	2.03	.060	13	18	.56	321	.01	4	.45	.01	.04	1	4	130
MTB 7600-10450-3	1	44	25	101	.4	43	10	471	2.68	11	5	ND	5	74	1	2	2	23	1.88	.059	14	28	.76	484	.01	2	.90	.01	.10	1	2	150
MTB 7600-10500	1	30	10	93	.2	31	8	351	2.44	9	5	ND	4	61	1	2	5	18	2.06	.060	14	21	.64	294	.01	2	.51	.01	.04	1	1	120
MTB 7600-10575	1	37	19	111	.1	44	9	418	2.75	11	5	ND	4	75	1	2	3	26	2.31	.059	16	30	.75	441	.01	3	1.06	.01	.11	1	6	140
MTB 7600-10725	1	36	9	114	.3	45	7	453	2.75	11	5	ND	5	31	1	2	2	29	.53	.076	17	28	.56	338	.02	5	.96	.01	.10	1	3	110
MTB 7600-10850	1	29	15	82	.1	31	7	292	2.21	10	5	ND	3	59	1	2	2	21	1.92	.066	14	24	.56	414	.01	5	.70	.01	.07	1	6	90
MTB 7600-10900	1	30	19	73	.2	37	8	334	2.40	6	5	ND	3	82	1	2	2	16	3.05	.050	17	28	.57	336	.01	2	1.05	.01	.10	1	2	120
MTB 7600-10950	1	25	16	67	.2	29	9	251	2.59	9	5	ND	4	31	1	4	4	28	.55	.044	18	28	.55	287	.02	4	.96	.01	.07	1	1	80
MTB 7600-11000	1	13	12	84	.2	24	8	234	2.43	9	5	ND	3	39	1	3	2	24	.82	.082	16	24	.63	218	.02	12	.76	.02	.06	1	3	40
MTB 7600-11100	1	43	14	90	.2	40	8	427	2.39	9	5	ND	4	81	1	2	2	29	3.76	.076	17	28	.95	407	.03	4	.94	.01	.10	1	2	120
MTB 7600-11175	1	20	15	94	.1	35	9	402	2.73	10	5	ND	4	50	1	2	2	33	1.62	.090	22	31	.99	522	.03	7	1.09	.01	.10	1	1	60
MTB 7900 9525	2	42	26	80	.1	50	11	553	3.81	14	5	ND	10	26	1	2	2	45	.52	.021	41	42	.66	415	.02	4	1.71	.01	.10	1	1	50
MTB 7900 9625	1	22	14	52	.4	22	4	144	2.28	6	5	ND	3	30	1	2	5	28	.62	.039	23	25	.54	370	.01	4	1.15	.01	.05	2	1	70
MTB 7900 10075	1	27	13	79	.1	40	9	420	2.23	8	5	ND	3	116	1	2	4	26	4.65	.064	14	31	.96	327	.02	2	.85	.01	.07	1	1	90
MTB 7900 10150	1	33	19	67	.1	36	10	304	3.19	8	5	ND	6	28	1	2	2	39	.58	.021	21	37	.54	433	.02	5	1.53	.01	.08	1	1	60
MTB 7900 10250	1	36	15	66	.1	39	7	309	2.69	8	5	ND	4	22	1	2	2	32	.39	.019	22	31	.49	306	.01	6	1.10	.01	.07	1	3	120
MTB 7900 10300	1	31	21	73	.1	40	10	295	3.28	13	5	ND	5	24	1	3	2	38	.34	.021	23	36	.45	466	.01	2	1.48	.01	.07	1	1	80
MTB 7900 10350	1	37	14	77	.1	46	9	283	2.99	11	5	ND	5	21	1	3	2	31	.30	.021	23	29	.43	368	.01	3	1.15	.01	.07	1	1	130
MTB 7900 10400	1	26	19	92	.1	35	8	330	3.00	9	5	ND	5	22	1	2	2	36	.29	.022	21	35	.48	494	.01	4	1.58	.01	.09	1	2	60
MTB 7900 10450	1	28	14	62	.1	32	7	165	2.81	7	5	ND	4	27	1	2	6	34	.42	.022	20	35	.50	605	.01	2	1.63	.02	.08	1	1	70
MTB 7900 10500	1	63	20	94	.1	45	10	453	2.47	11	5	ND	3	79	1	2	2	27	3.67	.066	16	27	.74	431	.01	14	1.02	.01	.10	1	2	140
MTB 7900 10600	1	37	17	79	.4	50	10	498	2.66	9	5	ND	2	60	1	2	3	37	2.02	.072	18	35	.79	448	.01	8	1.31	.02	.09	1	3	220
MTB 7900 10700	1	40	18	111	.1	51	10	380	2.69	11	5	ND	4	61	1	2	2	30	1.80	.064	17	31	.75	486	.01	2	1.20	.01	.12	1	1	150
MTB 7900 10750	2	30	22	82	.1	52	11	356	3.05	9	5	ND	5	35	1	2	2	36	.36	.024	20	41	.69	443	.01	2	1.40	.01	.12	1	1	170
MTB 7900 10900	1	20	13	61	.2	30	8	392	2.59	8	5	ND	1	23	1	2	2	35	.46	.015	16	32	.54	336	.02	2	1.32	.01	.06	1	1	60
MTB 7900 10950	1	20	13	67	.4	30	7	286	2.77	9	5	ND	5	44	1	2	2	30	.42	.027	16	30	.53	244	.01	6	1.12	.01	.08	1	1	50
MTB 7900 11000	1	19	16	61	.2	24	8	311	2.61	8	5	ND	2	29	1	2	2	28	.45	.038	17	26	.52	289	.01	2	1.00	.01	.05	1	1	90
MTB 7900 11050	1	32	17	93	.3	37	10	445	2.80	11	5	ND	4	41	1	2	3	29	.61	.068	19	30	.60	341	.01	2	1.08	.01	.09	1	4	100
MTB 7900 11150	1	24	13	87	.1	32	8	355	2.54	10	5	ND	4	28	1	2	3	24	.44	.078	18	26	.47	271	.02	2	.77	.01	.07	1	1	130
MTB 7900 11225	1	28	19	111	.1	40	9	366	2.84	11	5	ND	4	53	1	2	2	33	1.81	.088	22	28	1.04	557	.03	3	1.06	.01	.09	1	1	80
MTB 8000 10650	1	40	20	114	.1	50	11	475	2.88	11	5	ND	4	68	1	3	2	38	2.31	.070	18	37	.87	565	.01	2	1.39	.01	.15	1	1	160
MTB 8300 9875	1	21	13	45	.3	22	5	134	2.06	3	5	ND	5	26	1	2	2	29	.49	.049	18	24	.53	280	.02	2	1.11	.02	.06	1	2	70
MTB 8300 9925	1	32	20	66	.1	33	11	337	3.51	8	5	ND	9	29	1	2	2	48	.54	.028	19	35	.89	459	.07	4	2.13	.03	.13	1	1	50
MTB 8300 9985	1	37	14	97	.1	46	10	550	3.14	7	5	ND	5	65	1	2	2	36	2.74	.065	22	35	.70	298	.02	4	1.21	.01	.11	1	1	150
STD C/AU-S	18	58	42	132	7.2	70	29	1055	4.13	40	22	8	36	47	17	16	19	57	.46	.085	39	57	.92	173	.06	33	1.96	.06	.13	13	47	1400

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	Au* PPB	Hg PPB
MTB 8300-10050	1	20	11	71	.1	35	7	300	2.80	10	5	ND	5	40	1	2	2	38	.76	.077	24	36	.62	229	.05	2	1.30	.03	.08	1	1	80
MTB 8300-10125	5	37	13	123	.1	48	11	517	3.52	8	5	ND	7	46	1	3	5	45	.71	.091	28	39	.61	327	.03	7	1.52	.02	.13	1	4	110
MTB 8300-10225	2	41	19	137	.2	41	8	489	3.40	11	5	ND	7	82	1	2	2	44	2.87	.089	29	31	.92	492	.02	13	1.54	.02	.17	1	4	150
MTB 8300-10375	1	32	12	80	.4	43	8	428	2.57	10	5	ND	4	98	1	2	2	35	3.63	.053	19	29	.98	472	.02	9	1.20	.02	.14	1	2	130
MTB 8300-10425	1	33	12	73	.1	40	7	275	2.85	8	5	ND	7	28	1	3	4	42	.36	.042	29	35	.54	385	.02	10	1.53	.01	.11	1	1	140
MTB 8300-10475	1	30	16	78	.1	44	9	372	3.28	11	5	ND	7	31	1	2	3	51	.42	.019	31	45	.57	545	.01	2	1.98	.01	.13	1	3	90
MTB 8300-10525	1	25	17	59	.1	38	6	176	2.87	11	5	ND	7	33	1	6	3	43	.41	.017	27	40	.54	472	.01	12	1.68	.02	.10	1	1	100
MTB 8300-10575	1	41	17	82	.1	46	8	324	3.14	11	5	ND	6	35	1	2	2	43	.53	.026	27	40	.61	529	.01	5	1.64	.02	.09	1	2	170
MTB 8300-10625	1	41	18	95	.1	56	10	418	3.18	14	5	ND	4	40	1	2	5	43	.63	.038	23	39	.67	532	.01	8	1.76	.01	.13	1	3	180
MTB 8300-10675	1	42	14	87	.4	41	9	424	2.58	10	5	ND	4	91	1	2	2	34	4.73	.068	18	31	.85	533	.01	6	1.26	.01	.11	1	2	160
MTB 8300-10750	1	39	20	131	.2	55	12	555	3.02	10	5	ND	6	94	1	4	2	45	3.54	.070	22	40	1.10	586	.01	11	1.74	.02	.21	1	1	140
MTB 8300-10800	1	45	17	90	.2	57	9	475	3.07	12	5	ND	5	44	1	2	2	41	.68	.063	25	41	.59	549	.01	8	1.57	.01	.12	1	2	160
MTB 8300-10875	1	32	18	77	.1	45	9	407	3.18	11	5	ND	5	43	1	2	5	38	.47	.036	28	42	.47	592	.01	5	1.56	.01	.15	1	2	80
MTB 8300-10925	1	38	13	96	.3	49	9	437	2.47	12	5	ND	4	81	1	2	2	29	1.99	.066	19	32	.66	441	.01	7	1.16	.02	.14	2	6	110
MTB 8300-11025	1	39	14	116	.3	39	9	497	2.47	10	5	ND	4	166	1	3	5	34	10.04	.073	17	28	1.10	462	.02	9	1.26	.02	.12	1	1	170
MTB 8300-11075	1	34	21	90	.2	40	8	365	2.86	14	5	ND	5	77	1	5	2	35	2.73	.088	21	29	.90	412	.03	10	1.22	.02	.10	1	1	120
MTB 8700-9800	1	28	16	84	.1	28	6	220	3.00	9	5	ND	6	33	1	2	2	44	.48	.063	25	35	.61	298	.03	5	1.62	.03	.09	1	2	40
MTB 8700-9850	2	32	17	109	.3	35	9	396	3.64	12	5	ND	6	53	1	2	2	49	.70	.080	33	38	.69	450	.02	6	1.82	.02	.10	1	2	100
MTB 8700-9925	1	39	23	115	.1	48	10	601	3.55	9	5	ND	10	53	1	2	2	45	1.49	.079	31	40	.80	278	.02	5	1.68	.02	.16	1	2	140
MTB 8700-10000	2	21	18	83	.1	33	11	367	3.81	11	5	ND	7	43	1	2	3	51	.60	.038	27	40	.67	388	.02	8	2.02	.02	.09	1	1	50
MTB 8700-10150	1	32	20	82	.1	47	11	417	3.99	12	5	ND	9	32	1	2	2	55	.39	.020	31	48	.65	498	.02	10	2.22	.01	.12	1	1	110
MTB 8700-10275	1	40	23	83	.1	49	12	536	3.50	11	5	ND	8	33	1	3	3	46	.59	.016	29	43	.62	271	.02	6	1.62	.02	.09	1	4	200
MTB 8700-10325	2	48	29	92	.1	47	12	532	4.05	12	5	ND	12	34	1	2	2	55	.39	.025	44	47	.54	477	.02	5	2.09	.01	.11	1	2	150
MTB 8700-10375	1	51	24	86	.3	50	11	579	3.25	10	5	ND	8	70	1	2	4	46	3.24	.045	31	47	.85	478	.03	8	1.69	.01	.11	1	5	190
MTB 8700-10425	2	26	23	85	.2	38	12	504	3.55	11	5	ND	9	36	1	3	2	58	.58	.024	27	45	.63	713	.02	6	2.40	.01	.14	1	2	60
MTB 8700-10525	1	38	15	82	.3	41	8	406	2.43	9	5	ND	4	106	1	2	2	34	4.84	.065	16	31	.88	599	.02	6	1.18	.02	.13	1	4	180
MTB 8700-10575	1	35	17	70	.1	46	8	333	3.21	12	5	ND	6	33	1	2	3	48	.49	.020	32	43	.53	538	.02	6	1.73	.01	.10	1	4	130
MTB 8700-10625	1	33	13	74	.1	42	7	294	2.88	9	5	ND	5	31	1	2	2	42	.52	.028	29	34	.58	463	.02	7	1.54	.01	.10	1	3	120
MTB 8700-10675	1	38	18	86	.3	50	10	613	2.97	13	5	ND	3	54	1	3	2	43	1.85	.061	25	38	.76	486	.02	7	1.55	.01	.13	1	7	190
MTB 8700-10725	1	41	19	115	.1	59	12	437	2.89	11	5	ND	6	73	1	2	2	38	2.07	.056	21	42	.98	629	.01	6	1.72	.01	.19	1	3	170
MTB 8700-10850	1	57	24	95	.1	76	12	1053	3.79	13	5	ND	6	44	1	2	2	42	.50	.028	26	48	.50	563	.01	5	1.74	.01	.14	1	5	150
MTB 8700-10900	1	56	15	88	.1	59	8	362	3.15	12	5	ND	4	43	1	2	2	40	.69	.028	35	36	.57	532	.01	4	1.63	.01	.12	1	4	200
MTB 8700-10950	1	34	20	81	.1	40	12	618	3.12	8	5	ND	4	52	1	2	2	42	.48	.032	23	39	.64	553	.01	7	1.75	.01	.21	1	2	40
MTB 8700-11000	1	46	18	104	.1	57	10	438	3.24	15	5	ND	5	49	1	2	2	35	.60	.046	25	35	.54	489	.01	5	1.35	.01	.12	1	6	180
STD C/AU-S	18	60	43	132	7.1	68	30	1052	4.12	40	18	8	36	47	17	16	23	56	.46	.087	38	56	.92	172	.06	31	1.94	.06	.13	13	49	1400

MINTEL 'A' GEOLOGY
LEGEND

- **Lsa** — Recrystallized grey limestone, locally brecciated
- **Lsc / Lsb** — Fragmented Limestone: Cherty and argillaceous limestone
- **Va** — Basaltic to andesitic volcanics
- **Vb** — Brecciated basaltic to andesitic volcanic
- **Bs** — Sedimentary breccia (equivalent to Grew Creek Conglomerate?)
- **C** — Chert, reddish and/or green
- foliation
- bedding
- jointing
- Area of outcrop
- R39683 Rock sample location
- fg fault gouge

GREW CREEK

Silicified Sediments

SHEET INDEX

8 7 6 5 4 3 2 1

PRELIMINARY RECONNAISSANCE TYPE MAPPING. SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

REF. NO. 11530

THE McELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-8521

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1967 AT AN APPROXIMATE SCALE OF 1:15,000

MAP SCALE 1:10,000	CONTOUR INTERVAL 10 METRE
DATE COMPILED 10 MARCH 1988	SHEET NUMBER 4 OF 8

REVISED	CAN CLAIMS
	EAST 092621
PROJ. NO. 105-12	SURVEY BY HR DATE June/88
DWG. NO. 4	DRAWN BY HR SCALE 1:10,000
	NORANDA EXPLORATION
	OFFICE Whitehorse

332

GREW CREEK FAULT

MINTEL 'B' GEOLOGY (MAP 2)

LEGEND

- R_y — TERTIARY VOLCANICS, SEDIMENTS (PLUTONICS?)
- P_h — META-SEDIMENTS (CHERT, PHYLLITE)
- Lsc — LIMESTONE, CALCAREOUS CHERT
- FAULT
- X — ROCK SAMPLE LOCATION

8 7 6 5 4 3 2 1
SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

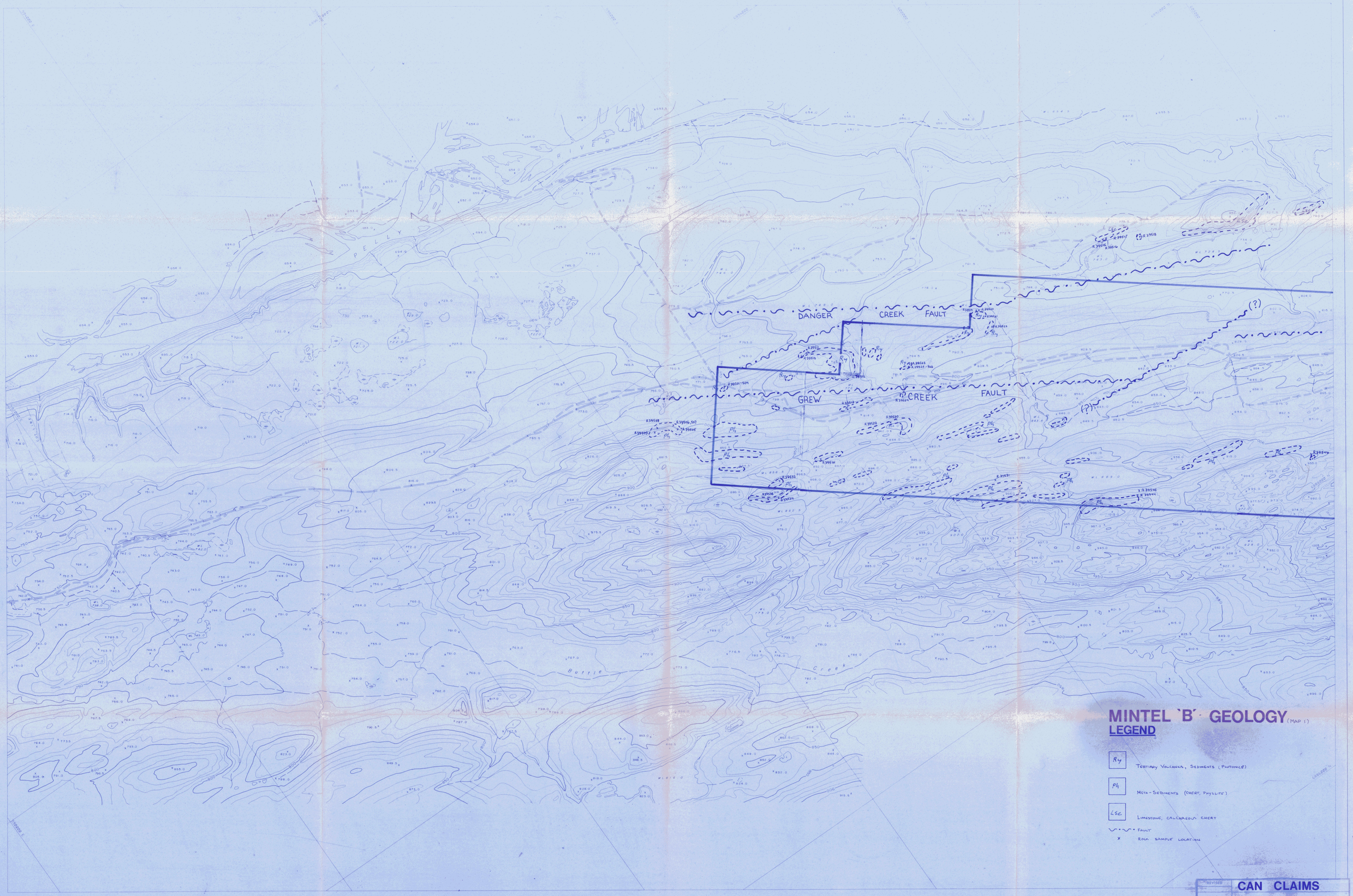
THE MCELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. V6E 3Z3

REF. NO. 11530-

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1961
AT AN APPROXIMATE SCALE OF 1:15000

MAP SCALE 1:10,000	CONTOUR INTERVAL 10 METRE
DATE COMPILED 10-MARCH 1988	SHEET NUMBER 5 OF 8

REVISED	CAN CLAIMS 092621 CENTRAL
PROJ. NO.	
N.T.S. 105H/12	SURVEY BY HG, HB DATE July/88
DWG. NO. 5	DRAWN BY MR SCALE 1:10,000
	NORANDA EXPLORATION
	OFFICE Whitehorse



MINTEL 'B' GEOLOGY (MAP 1)

LEGEND

Ry	TERTIARY VOLCANICS, SEDIMENTS (PLUTONICS)
Ph	META-SEDIMENTS (CHERT, PHYLLITE)
Lsc	LIMESTONE, CALCAREOUS CHERT
∿·∿·	FAULT
x	ROCK SAMPLE LOCATION

8 7 6 5 4 3 2 1

SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

REF. NO. 11530-

THE MCELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-8521

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1967
AT AN APPROXIMATE SCALE OF 1:55000

MAP SCALE 1:10,000	CONTOUR INTERVAL 10 METRE
DATE COMPILED 10-MARCH 1988	SHEET NUMBER 6 OF 8

REVISED

CAN CLAIMS

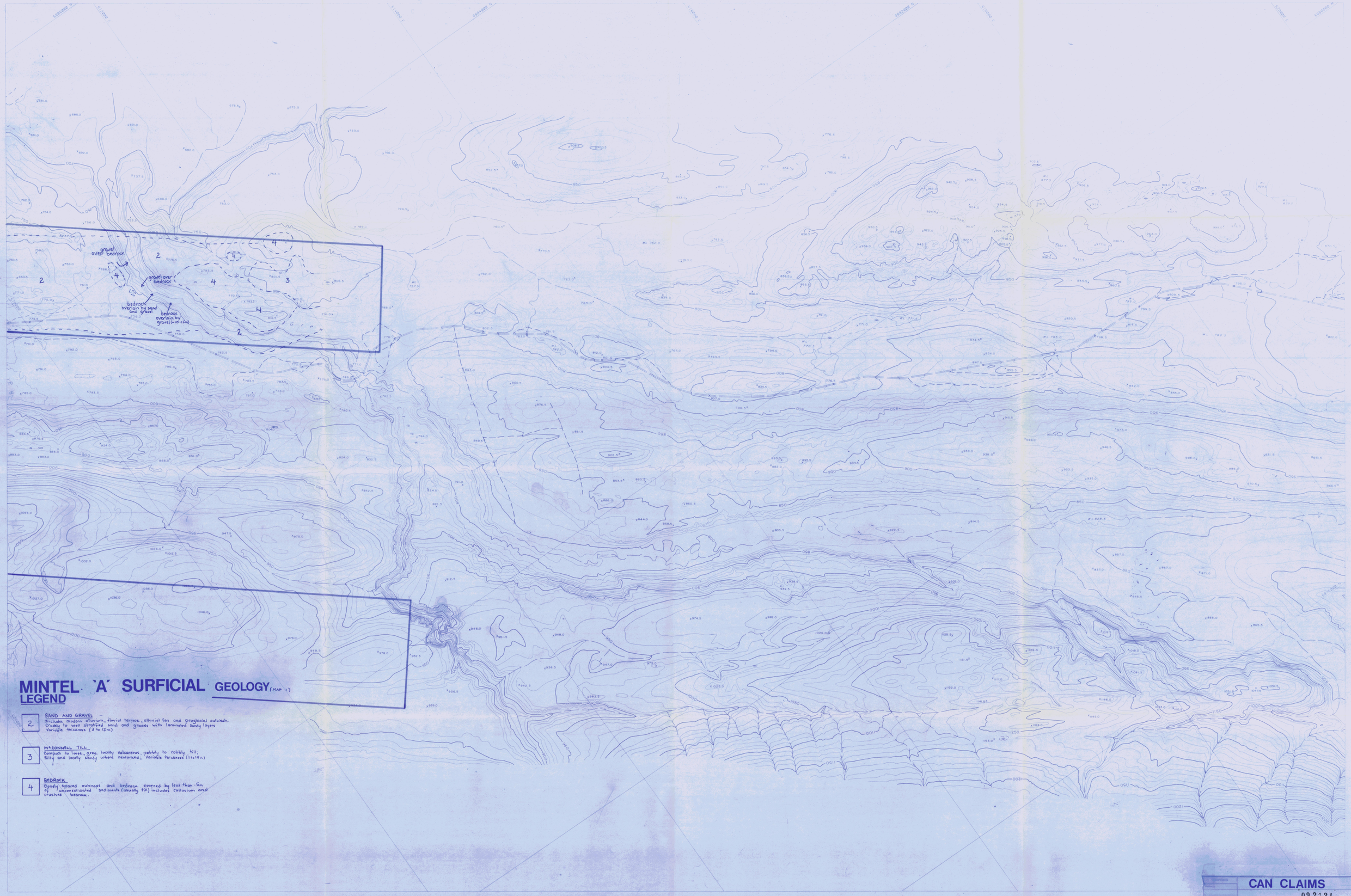
WEST 092621

PROJ. No.
N.T.S. 105H/2
DWG. No. 6

SURVEY BY A.R., I.R., L.G., M.G. DATE July 88
DRAWN BY KR SCALE 1:10,000

NORANDA EXPLORATION
OFFICE Whitehorse

334



MINTEL 'A' SURFICIAL GEOLOGY (MAP 1)

LEGEND

2 SAND AND GRAVEL
Includes modern alluvium, fluvial terrace, alluvial fan and proglacial outwash. Crudely to well stratified sand and gravels with laminated sandy layers Variable thickness (3 to 12m)

3 McCONNELL TILL
Compact to loose, grey, locally calcareous, pebbly to cobbly till; Silty and locally sandy where reworked; Variable thickness (1 to 15m)

4 BEDROCK
Closely spaced outcrops and bedrock covered by less than 5m of unconsolidated sediments (usually till) includes colluvium and crushed bedrock.

8	7	6	5	4	3	2	1

SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

REF. NO. 11530-

THE MCELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-8501

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1967 AT AN APPROXIMATE SCALE OF 1:55000

MAP SCALE 1:10,000	CONTOUR INTERVAL 10 METRE
DATE COMPILED 10-MARCH 1988	SHEET NUMBER 4 OF 8

CAN CLAIMS

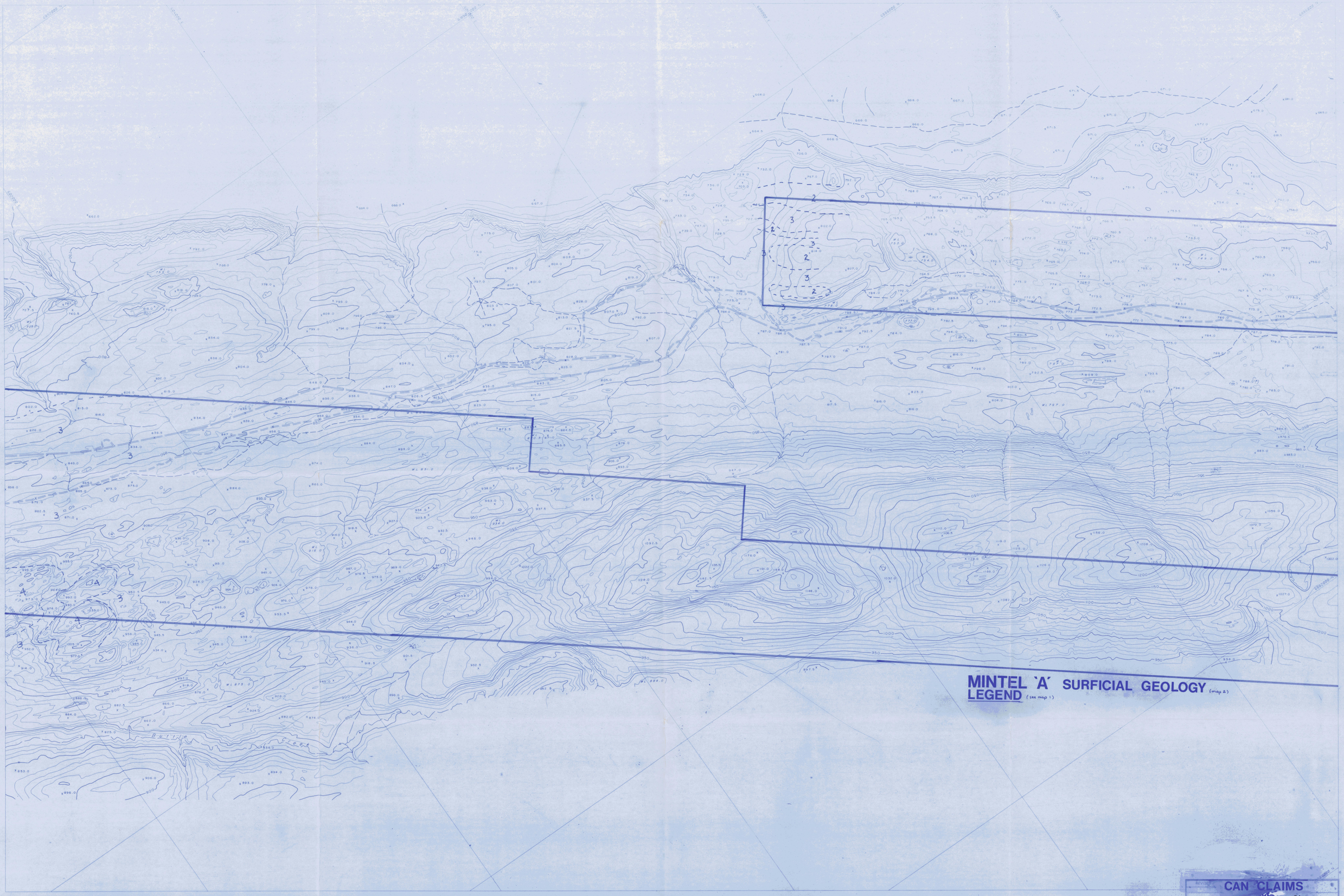
092 21

EAST

335

NTS 105 K/2	SURVEY BY AP, IP, LG DATE June/88
DWG. No. 7	DRAWN BY KR SCALE 1:10,000

NORANDA EXPLORATION
OFFICE Whitehorse



8 7 6 5 4 3 2 1
SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

REF. NO. 11530-

THE MCELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B C (604) 683-8

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1984
AT AN APPROXIMATE SCALE OF 1:55000

MAP SCALE	1:10,000	CONTOUR INTERVAL	10 METRE
DATE COMPILED	10-MARCH 1988	SHEET NUMBER	5 OF 8

REVISED

CAN CLAIMS
CENTRAL

092621
(336)

REQ. No.
SERIES 105M/2
DWG. No. 8

SURVEY BY: AP, IP, LB
DRAWN BY: MR
DATE: July /88
SCALE: 1:10,000

NORANDA EXPLORATION
OFFICE Whitehorse

MINTEL 'B' SURFICIAL GEOLOGY (MAP 1)

LEGEND

1 **PROGLACIAL LAKE SEDIMENT**
Laminated silt and clay; comprises sandy and gravelly layers several metres thick (approximately 3 to 25m).

2 **SAND AND GRAVEL**
Includes modern alluvium, Fluvial terrace, alluvial fan and proglacial outwash. Crudely to well-stratified sand and gravels with laminated sandy layers, variable thickness (3 to 12m)

3 **Mc CONNELL TILL**
Compact to loose, grey, locally calcareous, pebbly to cobbly till; silty and locally sandy (where reworked) variable thickness (1 to 15m).

4 **BEDROCK**
Closely spaced outcrops and bedrock covered by less than .5m of unconsolidated sediments (usually till); includes colluvium and crushed bedrock.

SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McELHANNEY

THE McELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-8521

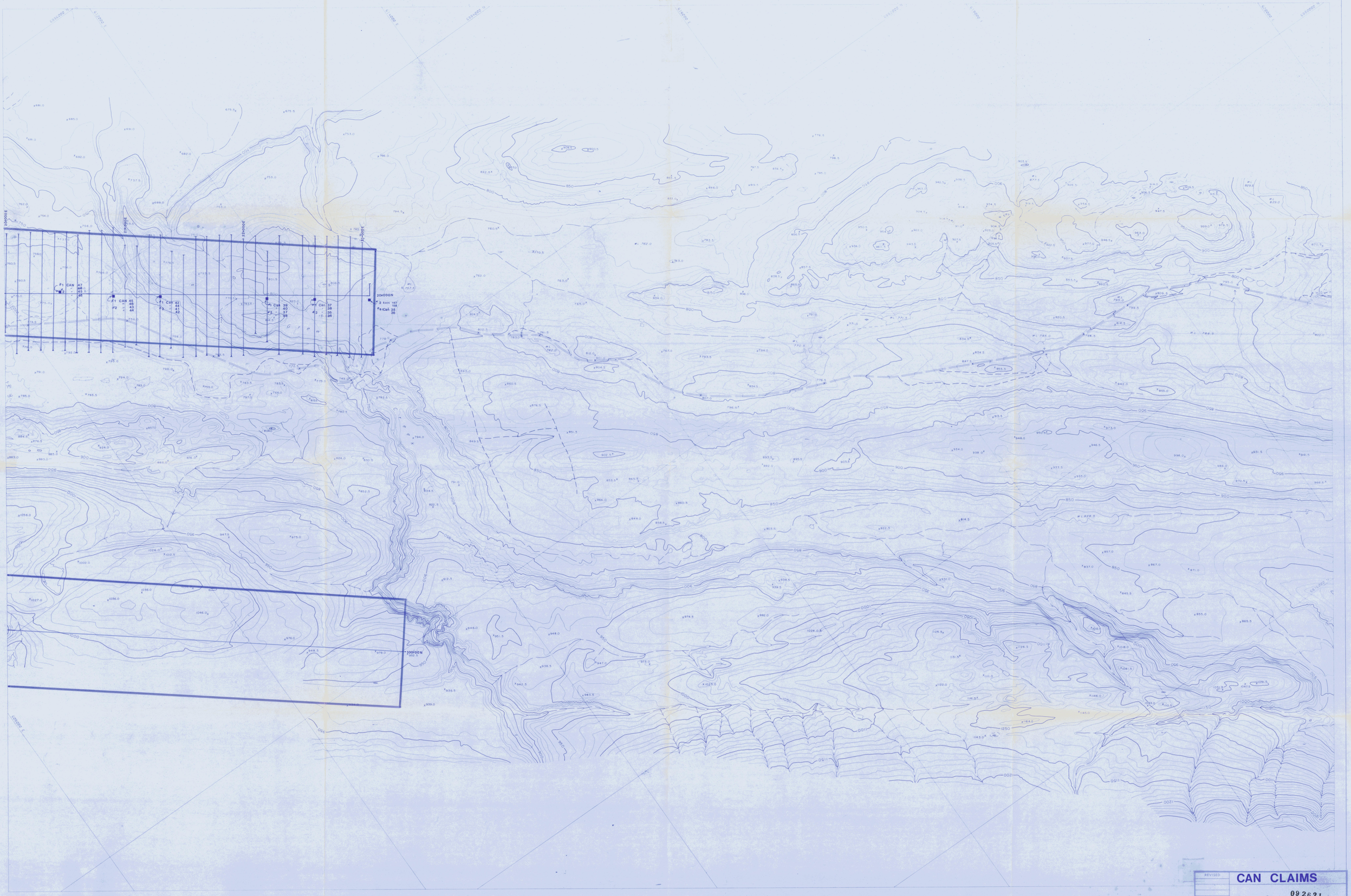
COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1967 AT AN APPROXIMATE SCALE OF 1:55000

MAP SCALE 1:10,000	CONTOUR INTERVAL 10 METRE
DATE COMPILED 10-MARCH 1988	SHEET NUMBER 6 OF 8

REF. NO. 11538-

REVISED:	CAN CLAIMS
	WEST 092621
PROJ. No.	
N.T.S. 105H/12	SURVEY BY: AP, IP, HG, LG DATE: July '88
DWG. No. 9	DRAWN BY: HR SCALE: 1:10000
	NORANDA EXPLORATION
	OFFICE: Whitehorse

337



8	7	6	5	4	3	2	1

SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

REF. NO. 11530-

THE MCELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-8521

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1967
AT AN APPROXIMATE SCALE OF 1:55000

MAP SCALE 1:10,000	CONTOUR INTERVAL 10 METRE
DATE COMPILED 10-MARCH 1988	SHEET NUMBER 4 OF 8

REVISED

CAN CLAIMS

092621

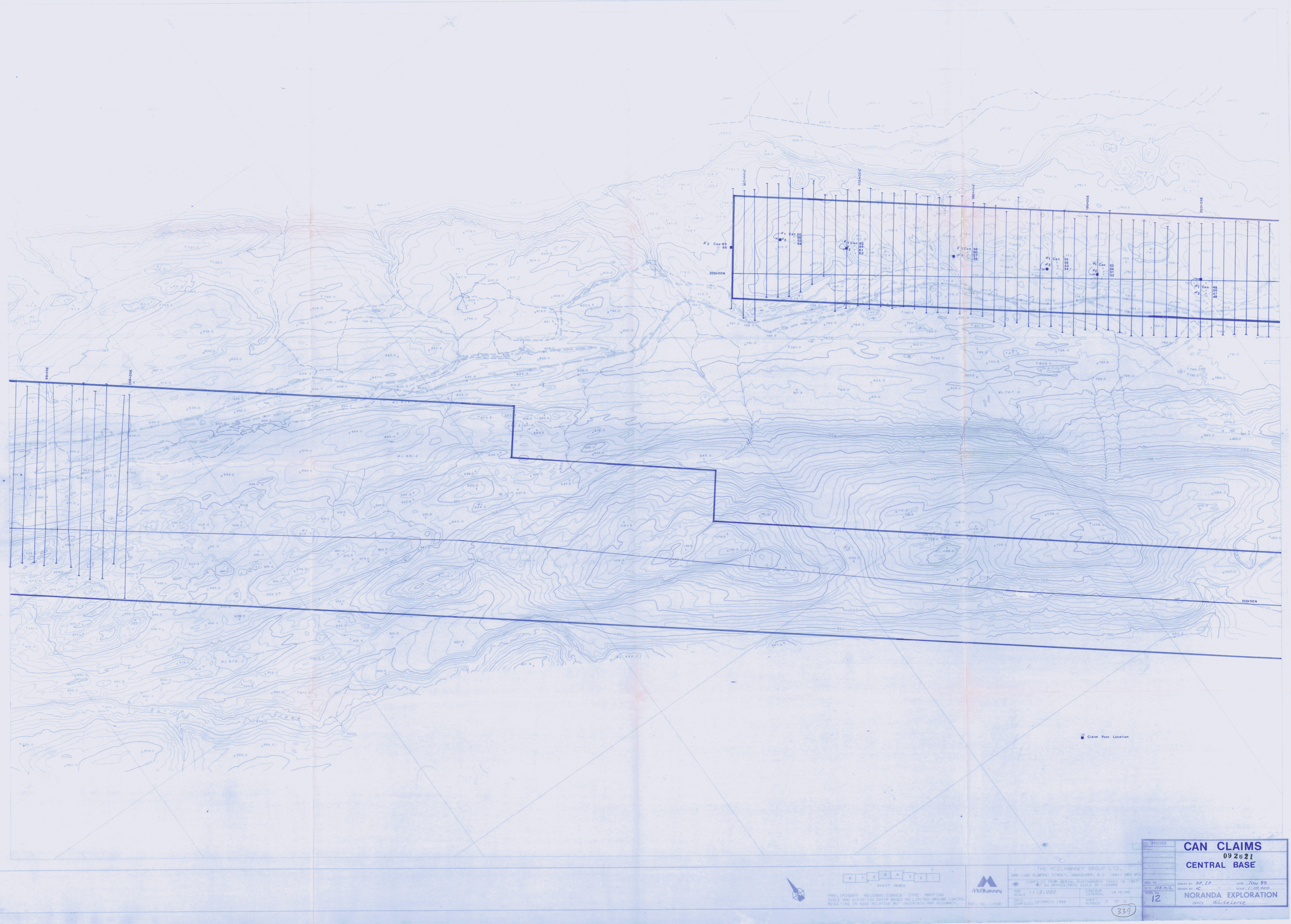
EAST BASE

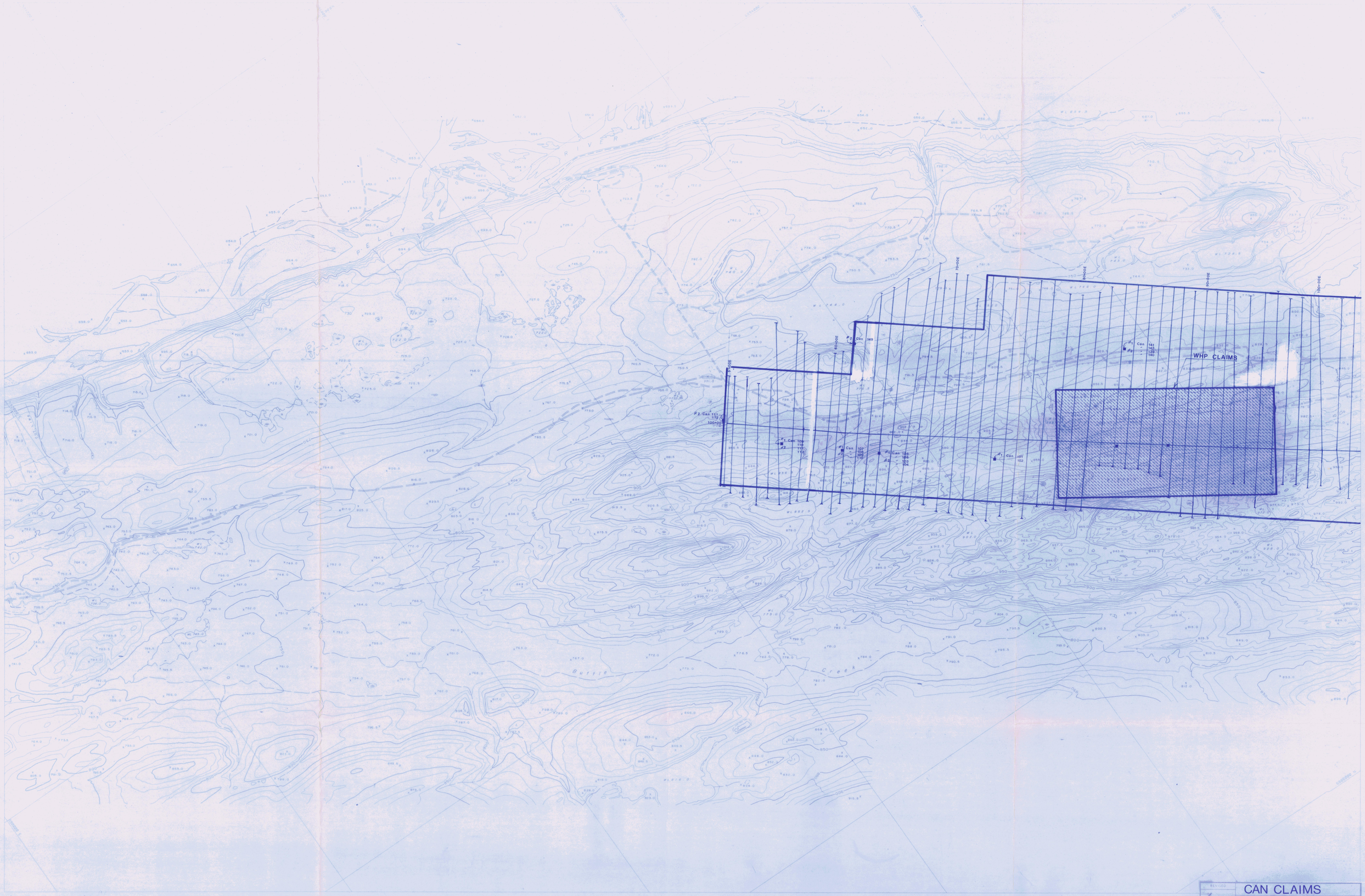
PROJ. No.
N.T.S. 105 H/2
DWG. No. 11

SURVEY BY AP, IP
DRAWN BY KC
DATE Oct. 88
SCALE 1:10,000

NORANDA EXPLORATION
OFFICE Whitehorse

338


160+00E
170+00E
180+00E
190+00E
200+00E
200+00N
100+00N
Claim Post Location
SHEET INDEX
PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN 6000 RELATIVE BUT UNCERTAIN MAP ACCURACY.
THE McELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-9521
COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1987
BY ON APPROXIMATE SCALE OF 1:55000
MAP SCALE 1:10,000
CONTOUR INTERVAL 10 METRE
DATE COMPILED 10 MARCH 1988
SHEET NUMBER 5 OF 8
REF. NO. 11538-
REVISED
CAN CLAIMS
092G21
CENTRAL BASE
PROJ. No. 105 M/2
SURVEY BY RP, IP
DATE Nov 88
DRAWN BY HC
SCALE 1:10,000
DWG. No. 12
NORANDA EXPLORATION
OFFICE Whitehorse
339



8	7	6	5	4	3	2	1

SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

McElhanney

REF. NO. 11530-

THE MCELHANNEY GROUP LTD.
200-1166 ALBERNI STREET, VANCOUVER, B.C. (604) 683-0

COMPILED FROM AERIAL PHOTOGRAPHY TAKEN IN 1967
AT AN APPROXIMATE SCALE OF 1:55000

MAP SCALE	1:10,000	CONTOUR INTERVAL	10 METRE
DATE COMPILED	10-MARCH 1988	SHEET NUMBER	6 OF 9

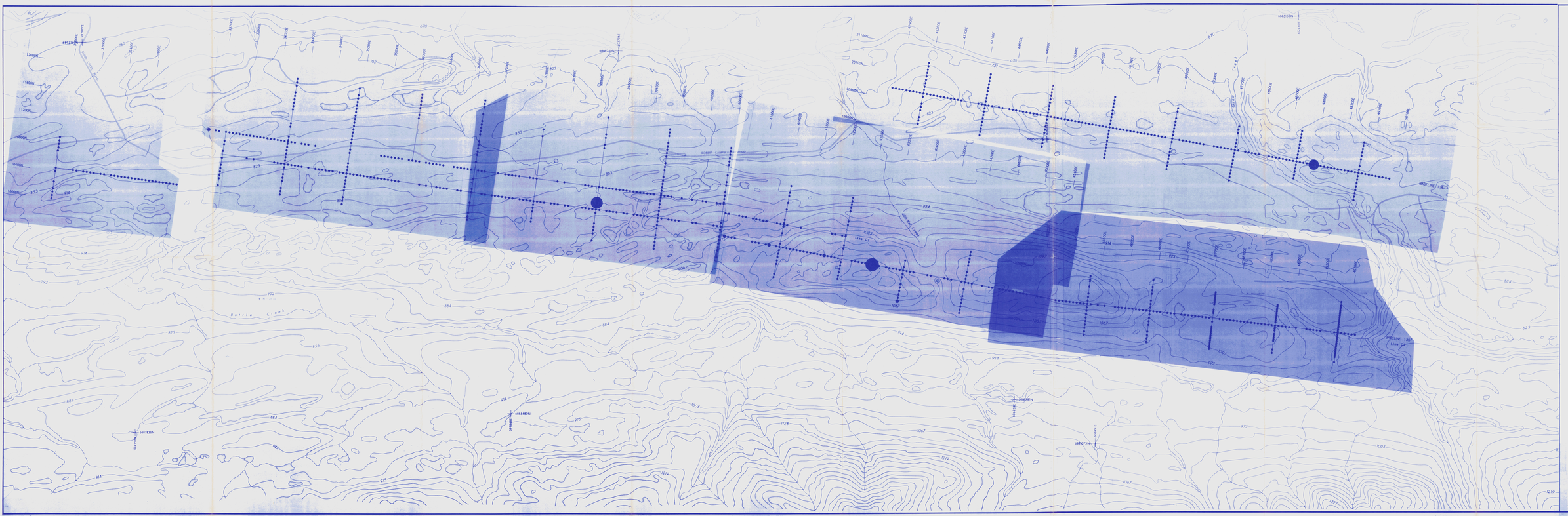
REVISED

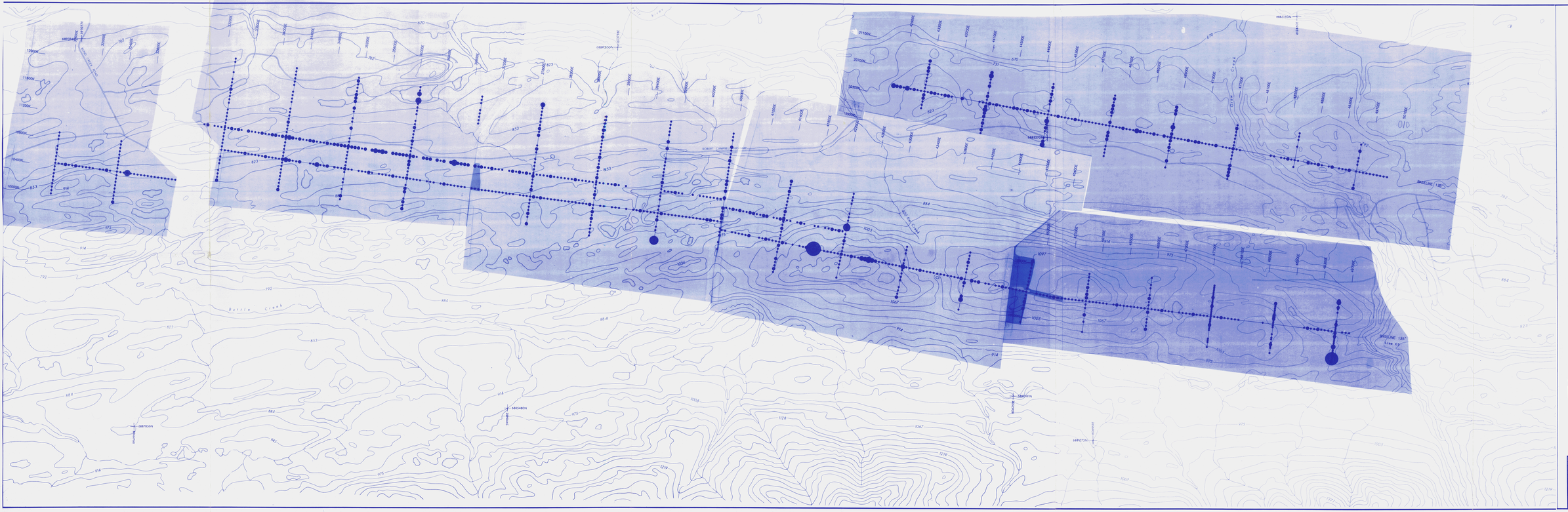
CAN CLAIMS
WEST BASE

09 26 21

PROJ. No.		SURVEY BY: AP, IP	DATE: Nov 88
N.T.S.	105h/3	DRAWN BY: KC	SCALE: 1:10,000
DWG. No.	13	NORANDA EXPLORATION	
		OFFICE: Whitehorse	

340


Battle Creek
Line 62
BASELINE 136
Line 64
BASELINE 136
Line 66
BASELINE 136
Line 68
BASELINE 136
Line 70
BASELINE 136
Line 72
BASELINE 136
Line 74
BASELINE 136
Line 76
BASELINE 136
Line 78
BASELINE 136
Line 80
BASELINE 136
Line



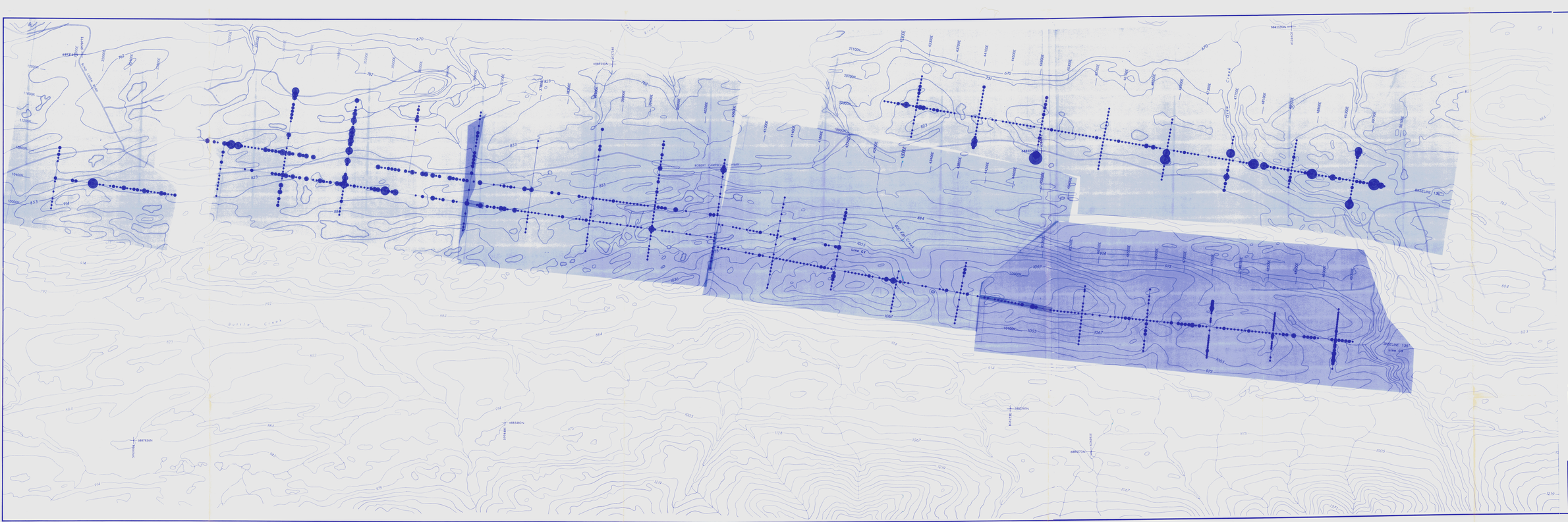
MAP SHEET INDEX (not to scale)

1 | 4

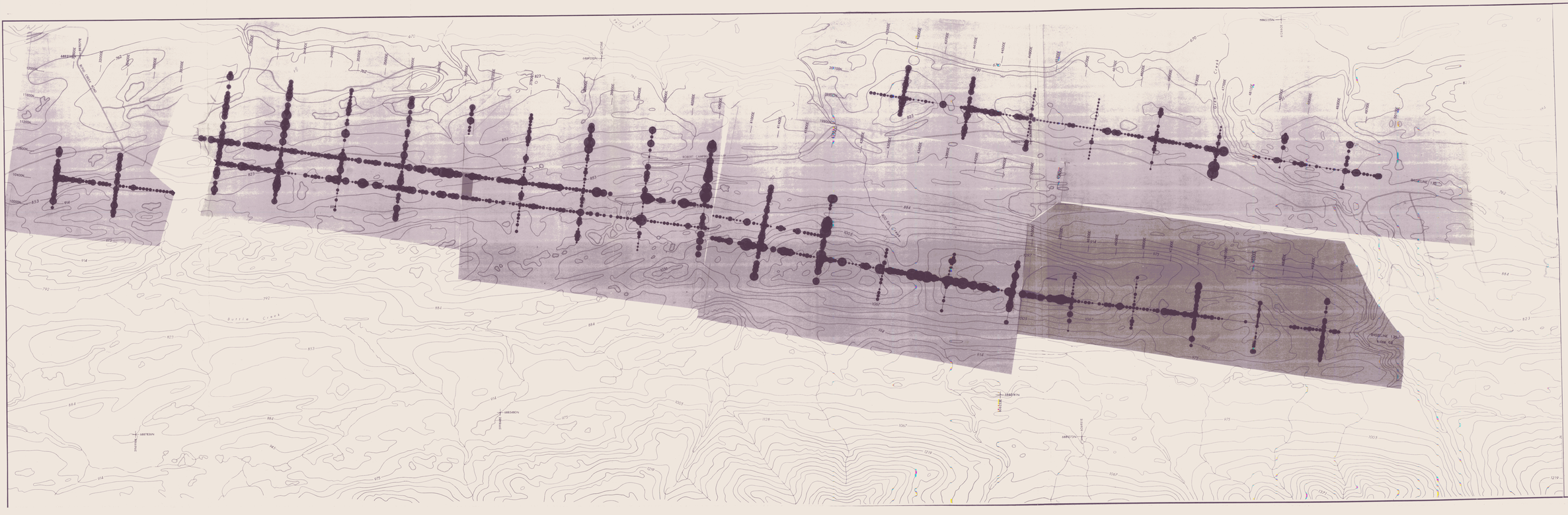
Metres 700 0 200 400 600 800 1000 Metres

REVISED	MINTEL J.V.
	SOIL SURVEY
	69 26 21
	Au (ppb) in Humus
PROJ. No. 3-33	SURVEY BY:
N.T.S.	DRAWN BY: F.J.A. & J. Serwin
DATE:	DATE: June/87
SCALE:	1:10,000
DRAWING No. 16	NORANDA EXPLORATION
	OFFICE: Vancouver

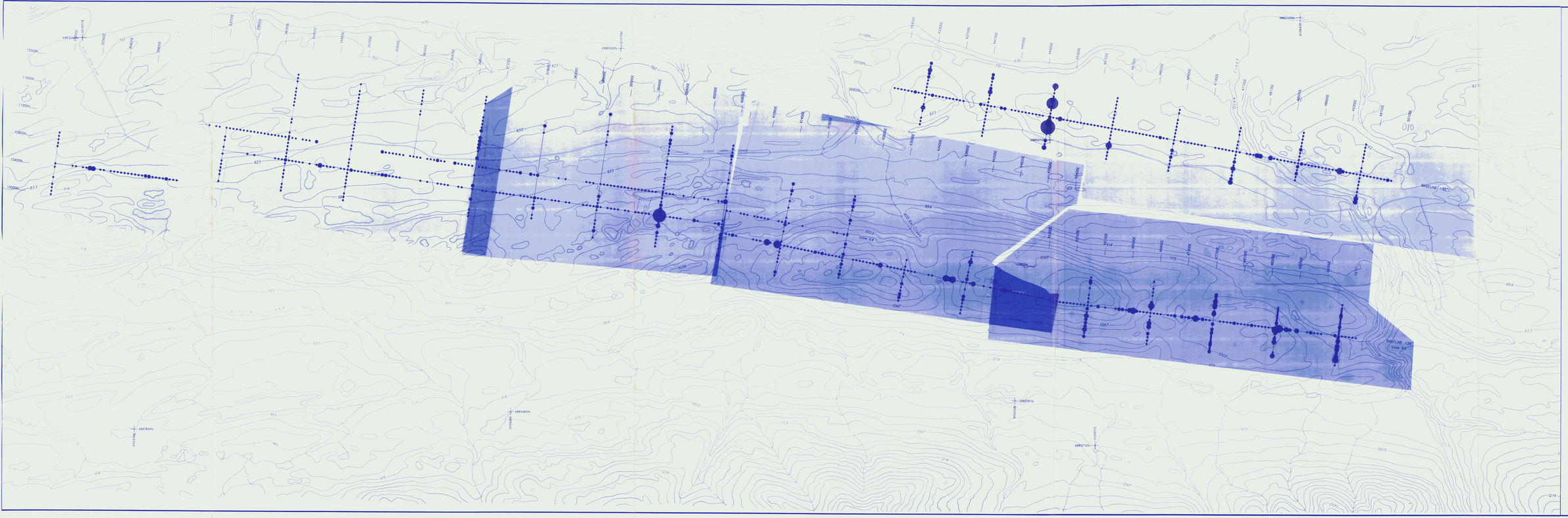
(342)



MAP SHEET INDEX (not to scale)
1
2
4
Metres 200 0 200 400 600 800 1000 Metres
REVISED
MINTEL J.V.
SOIL SURVEY
Hg (ppb) in Soils
09-2621
PROJ. No. 331
SURVEY BY
DATE June 1987
DRAWN BY F.A.B. / Sarah
SCALE 1:10,000
DWG. No. 77
NORANDA EXPLORATION
OFFICE Vancouver



MAP SHEET INDEX (not to scale)
1
4
Metres 200 0 200 400 600 800 1000 Metres
REVISED
MINTEL J.V.
SOIL SURVEY
Hg (ppb) in Humus
Map No. 333
Scale 1:1,000
NORANDA EXPLORATION
OFFICE Vancouver





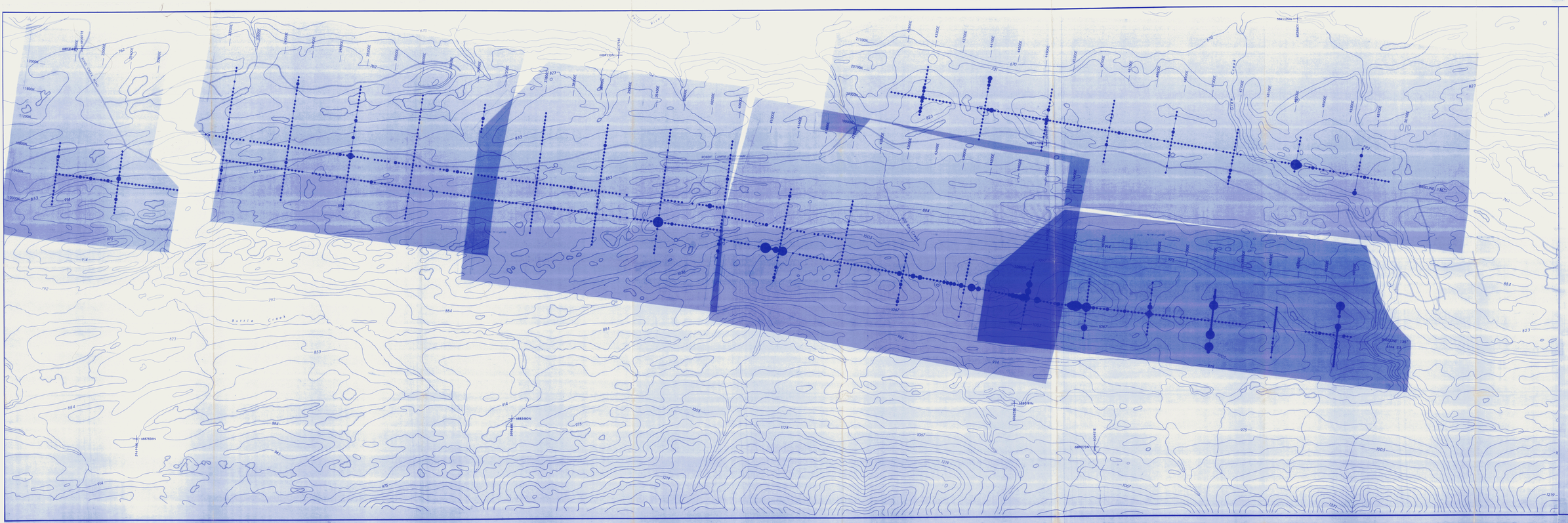
MAP SHEET INDEX (not to scale)

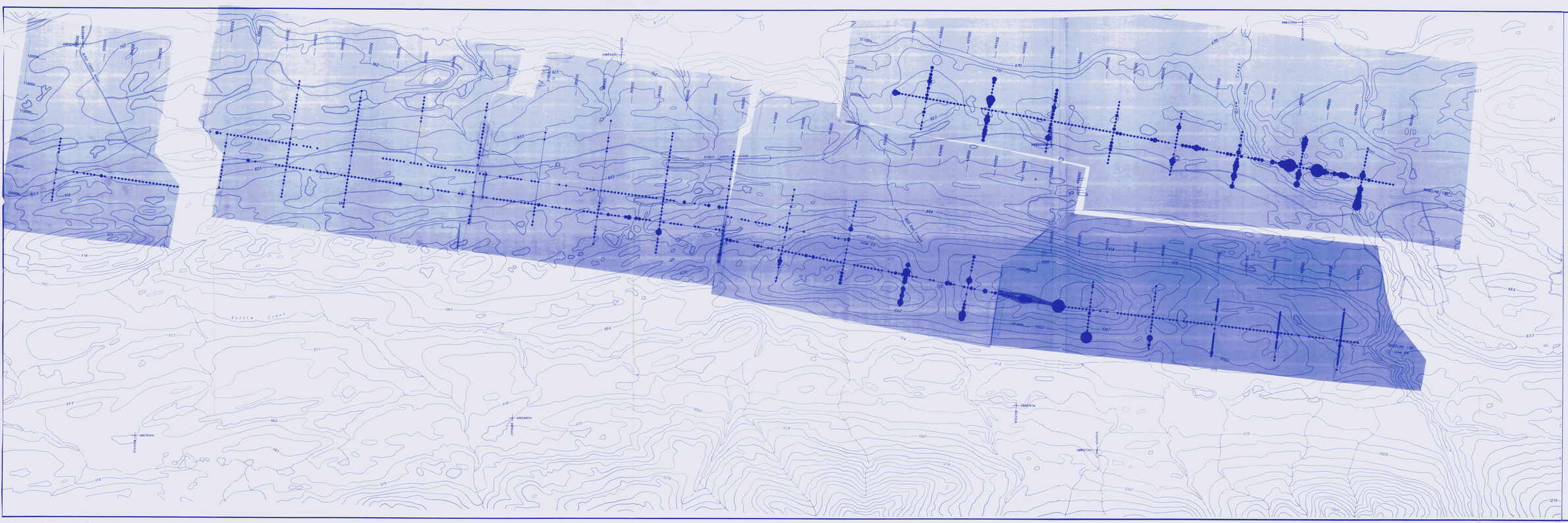


Metres 200 0 200 400 600 800 1000 Metres

REVISED	**MINTEL J.V.**
	SOIL SURVEY
	Ag(ppm) in Soils
	00 2 6 2 1
PROJ. No. 3.33	SURVEY BY:
N.T.S.	DRAWN BY: P.J.A. & J.Sarwin
DATE:	DATE: June/87
SCALE:	1:10,000
DWG. No. 19	**NORANDA EXPLORATION**
	OFFICE: Vancouver

SHT


Burnie Creek
Burnie Creek
Burnie Creek





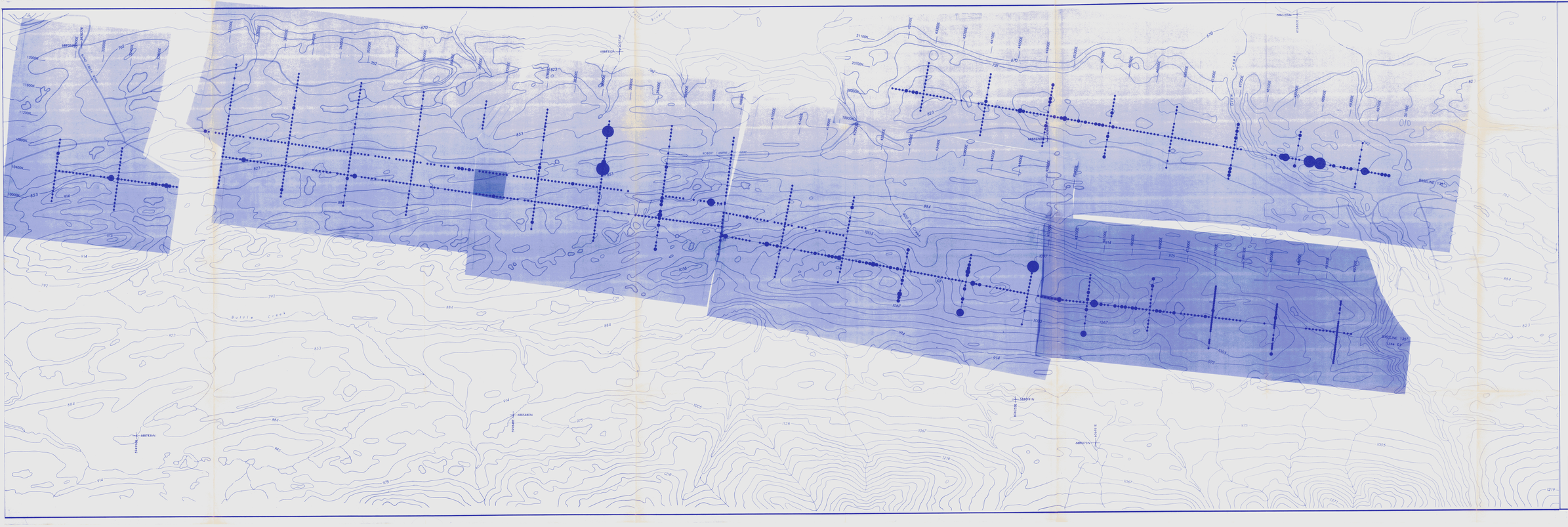


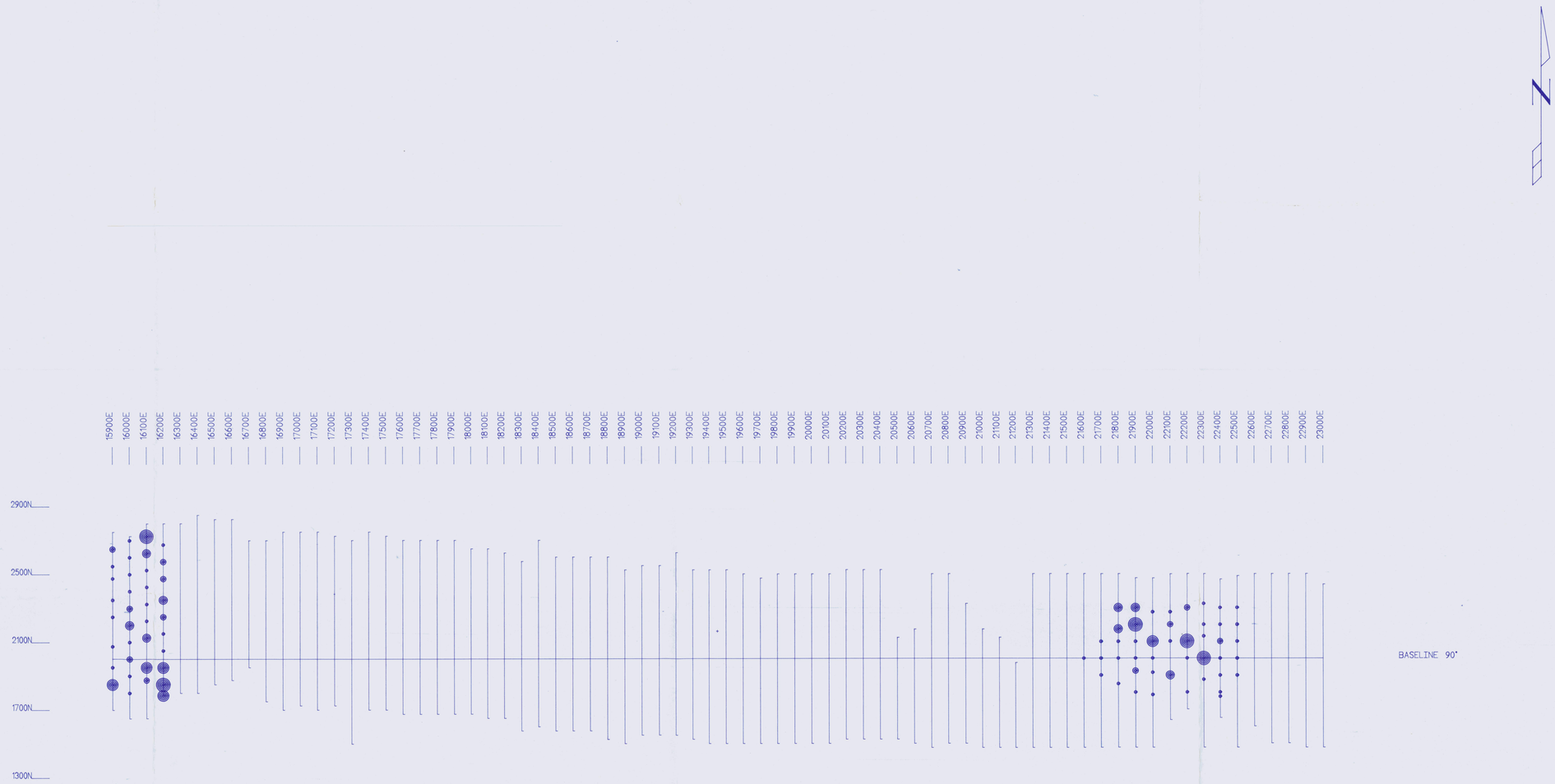
MAP SHEET INDEX (not to scale)

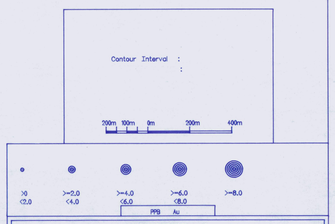


Metres 200 0 200 400 600 800 1000 Metres

REVISED	**MINTEL J.V.**
	SOIL SURVEY
	As (ppm) in Soils
PROJ. No. 333	SURVEY BY: DATE: June/82
N.T.S.	DRAWN BY: F.I.A. & J.Sarvan SCALE: 1:10,000
DWG. No. 21	**NORANDA EXPLORATION** OFFICE Vancouver


Burtle Creek
Burtle Creek
Burtle Creek
Line 69
BASELINE 135°
BASELINE 135°
BASELINE 135°





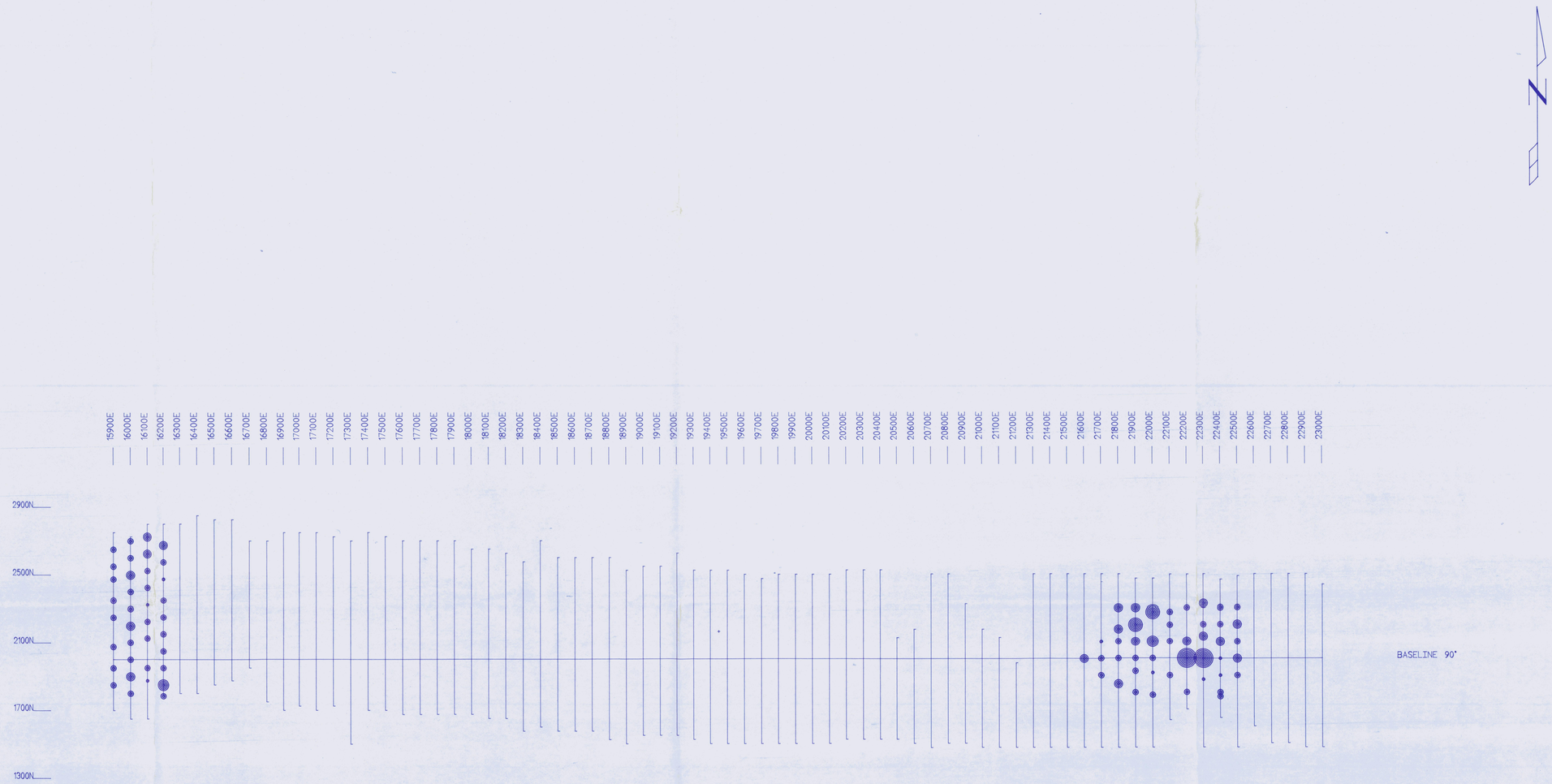
MINTEL A 092621

GEOCHEMICAL SURVEY
PPB Au
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 90 Deg.

SCALE = 1:10000 DATE : 10/ 1/88
SURVEY BY : AP NTS :
FILE: C333MINA
NORANDA EXPLORATION

Fig 23

(349)



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <10 | >=10 <20 | >=20 <30 | >=30 <40 | >=40 <50 | >=50 <60 | >=60

PPM As

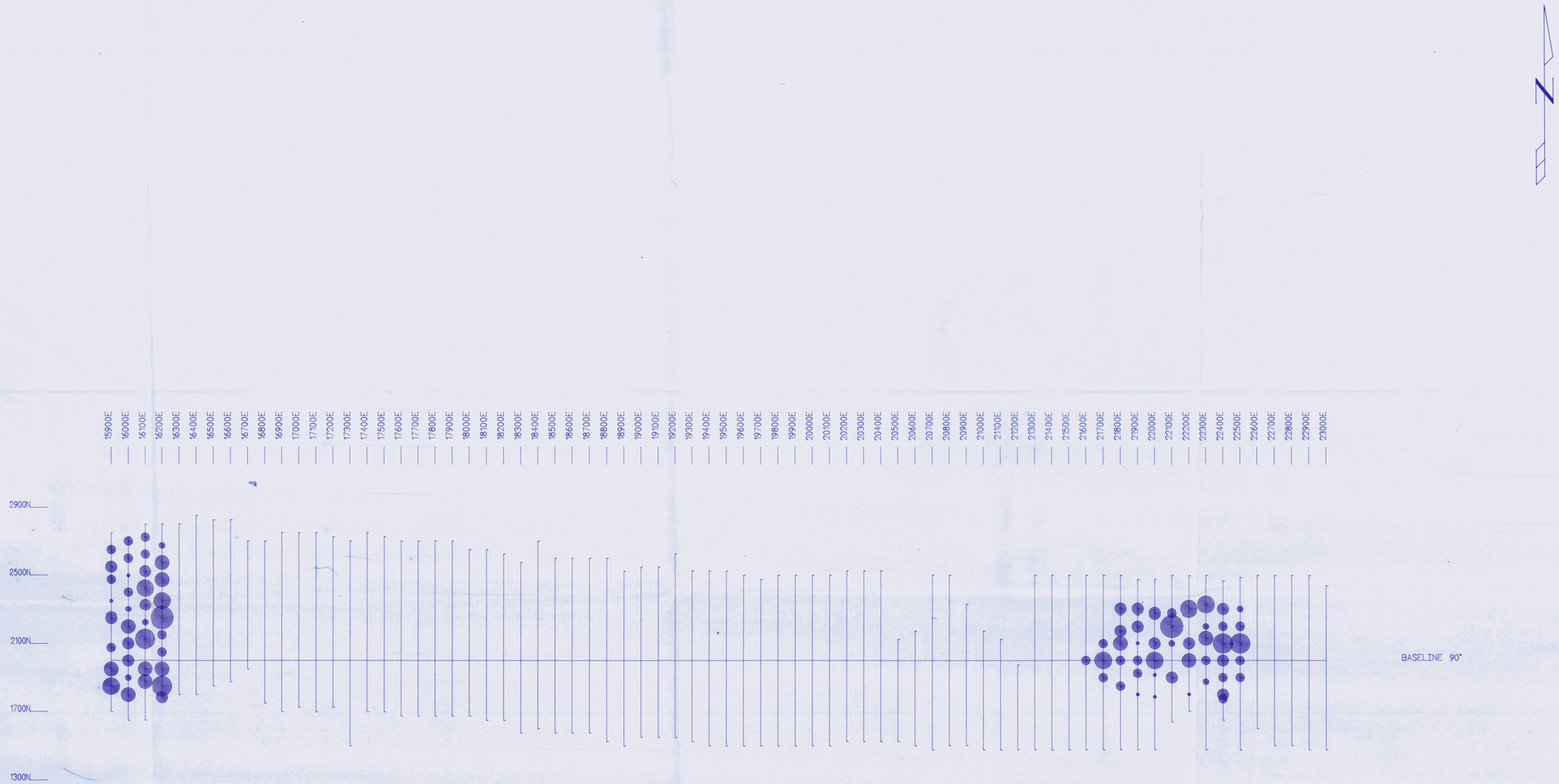
MINTEL A 092621

GEOCHEMICAL SURVEY
PPM As
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 90 Deg.

SCALE = 1:10000 DATE : 10/ 1/88
SURVEY BY : AP NTS :
FILE: C333MINA
NORANDA EXPLORATION

Fig 24

350



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <30 | >=30 <50 | >=50 <100 | >=100 <150 | >=150 <200 | >=200 <250 | >=250 <300 | >=300

PPB Hg

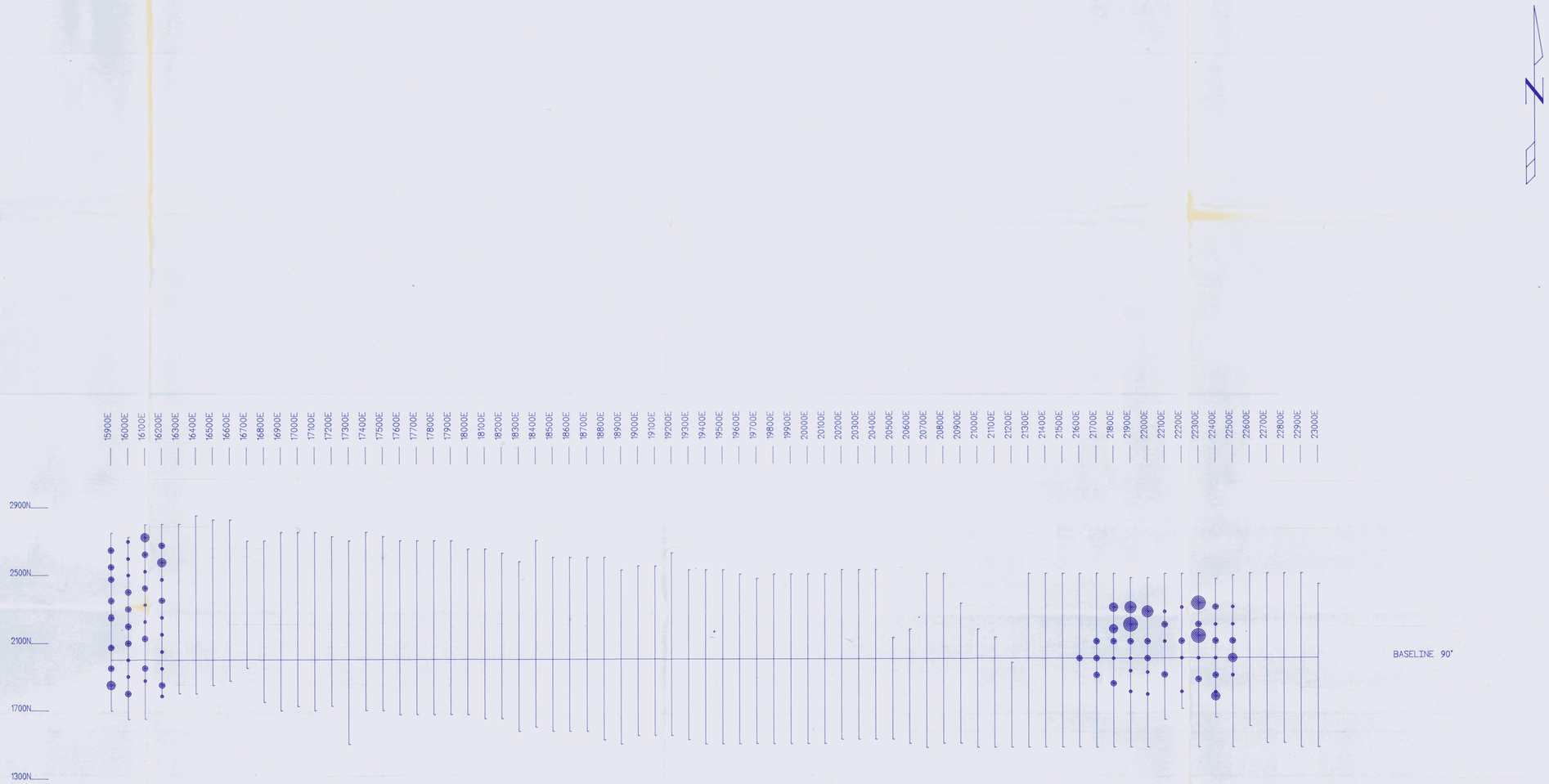
MINTEL A 092621

GEOCHEMICAL SURVEY
PPB Hg
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 90 Deg.

SCALE = 1:10000 DATE : 10/ 1/88
SURVEY BY : AP NTS :
FILE: C333MINA
NORANDA EXPLORATION

Fig 25

351



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <0.30	>=0.30 <0.60	>=0.60 <0.90	>=0.90 <1.2	>=1.2

PPM Ag

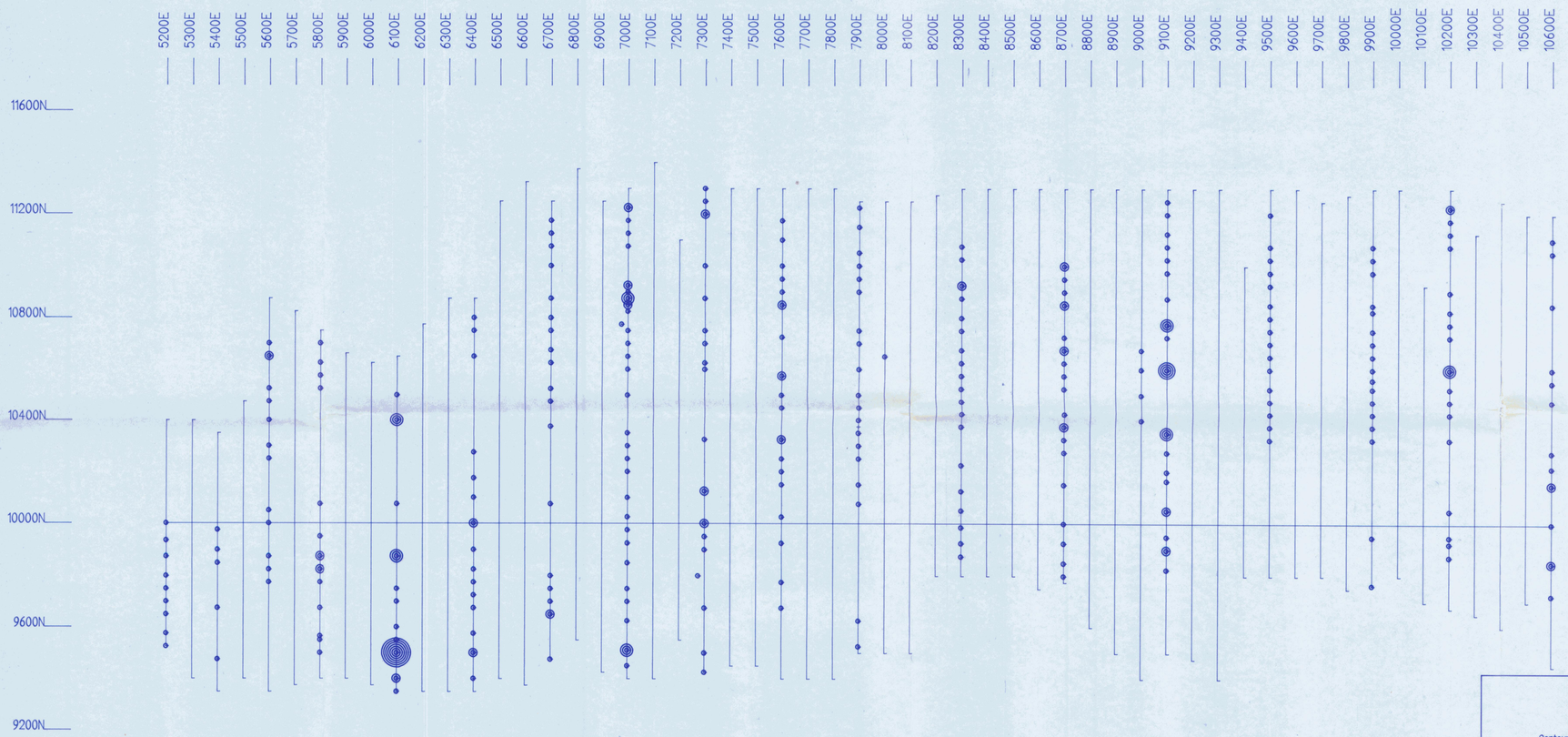
MINTEL A 092621

GEOCHEMICAL SURVEY
PPM Ag
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 90 Deg.

SCALE = 1:10000 DATE : 10/ 1/88
SURVEY BY : AP NTS :
FILE: C333MINA
NORANDA EXPLORATION

Fig 26

352



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <5.0	>=5.0 <10	>=10 <15	>=15 <20	>=20 <25	>=25 <30	>=30

PPB Au

MINTEL B 092621

GEOCHEMICAL SURVEY

PPB Au

PROJECT: MINTEL OPTION PROJECT # : 333

BASELINE AZIMUTH : 130 Deg.

SCALE = 1:10000 DATE : 10/ 1/88

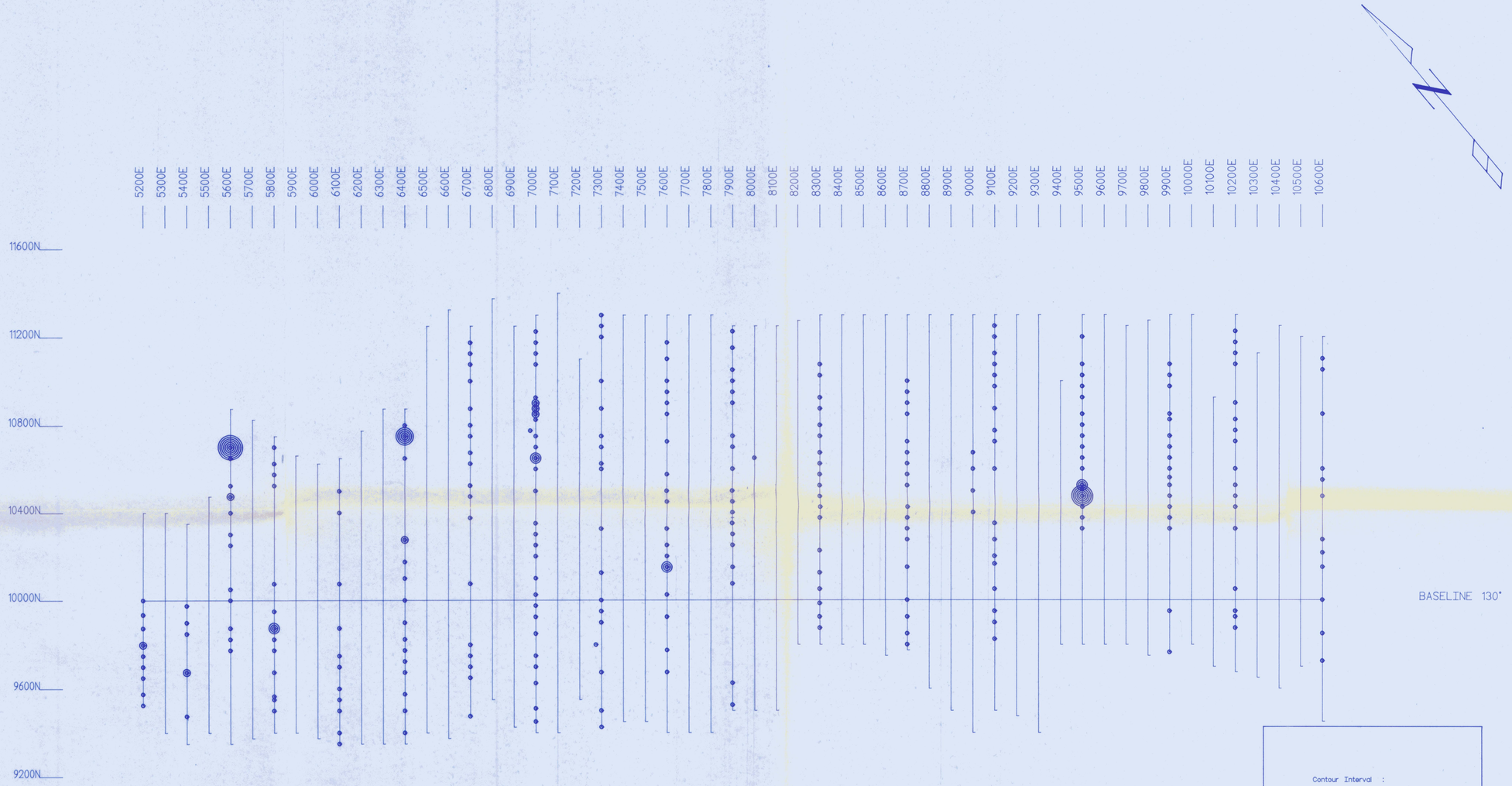
SURVEY BY : AP NTS :

FILE: C333MINB

NORANDA EXPLORATION

Fig 27

Vers. 1.40 Fri 11 Nov 1988 at 832 Centre of plot at 7900.0E/10375.0N Serial # C88140, Registered User : NORANDA EXPLORATION



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <18 | >=18 <20 | >=20 <22 | >=22 <24 | >=24 <26 | >=26 <28 | >=28

PPM As

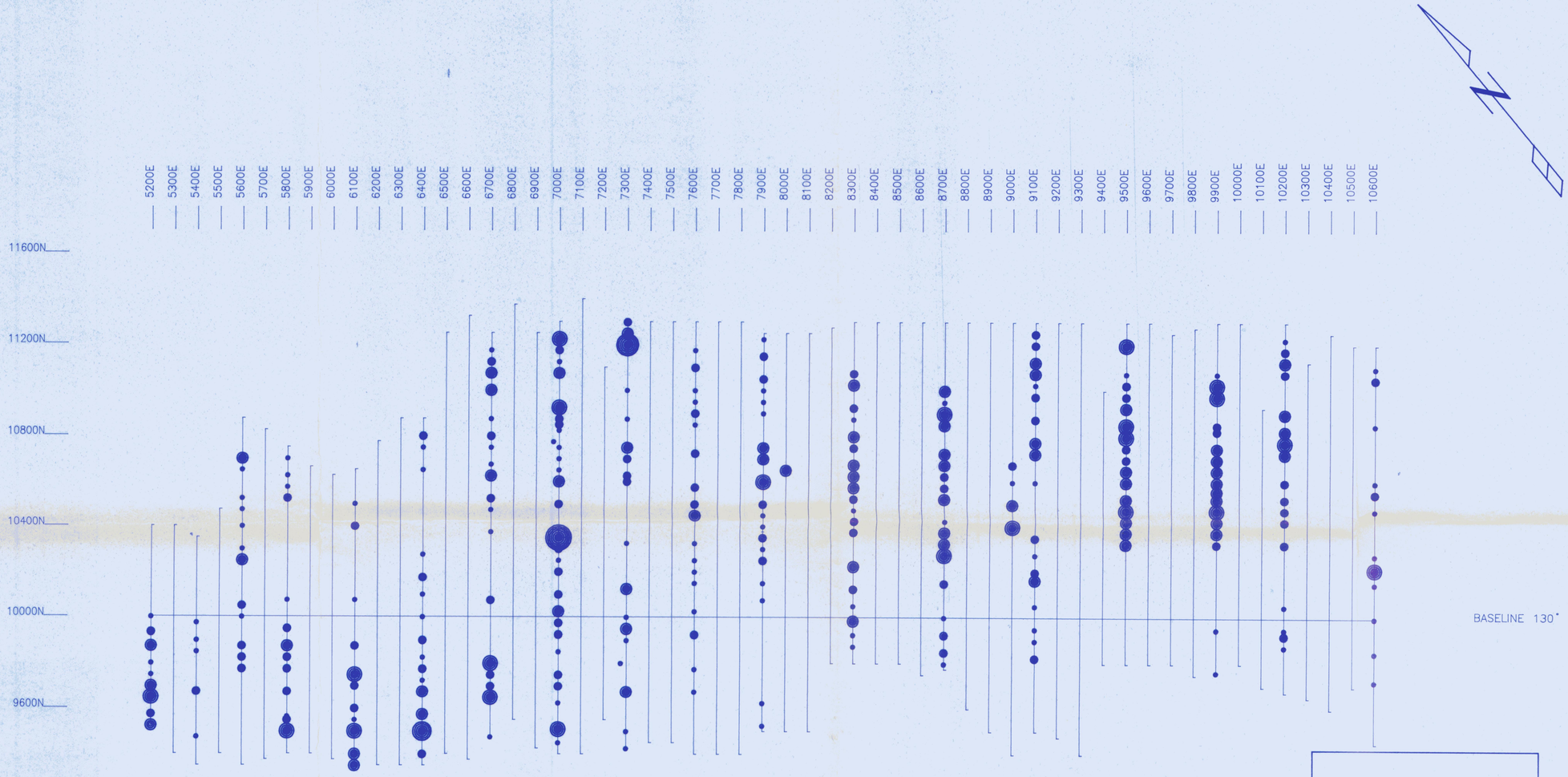
MINTEL B 092621

GEOCHEMICAL SURVEY
PPM As
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 130 Deg.

SCALE = 1:10000 DATE : 10/ 1/88
SURVEY BY : AP NTS :
FILE: C333MINB
NORANDA EXPLORATION

Fig 28

Vers. 1.40 Fri 11 Nov 1988 at 830 Centre of plot at 7900.0E/10375.0N Serial # 088140, Registered User : NORANDA EXPLORATION



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <100	>=100 <150	>=150 <200	>=200 <250	>=250 <300	>=300 <400	>=400

PPB Hg

MINTEL B 092621

GEOCHEMICAL SURVEY

PPB Hg

PROJECT: MINTEL OPTION PROJECT # : 333

BASELINE AZIMUTH : 130 Deg.

SCALE = 1:10000 DATE : 10/ 1/88

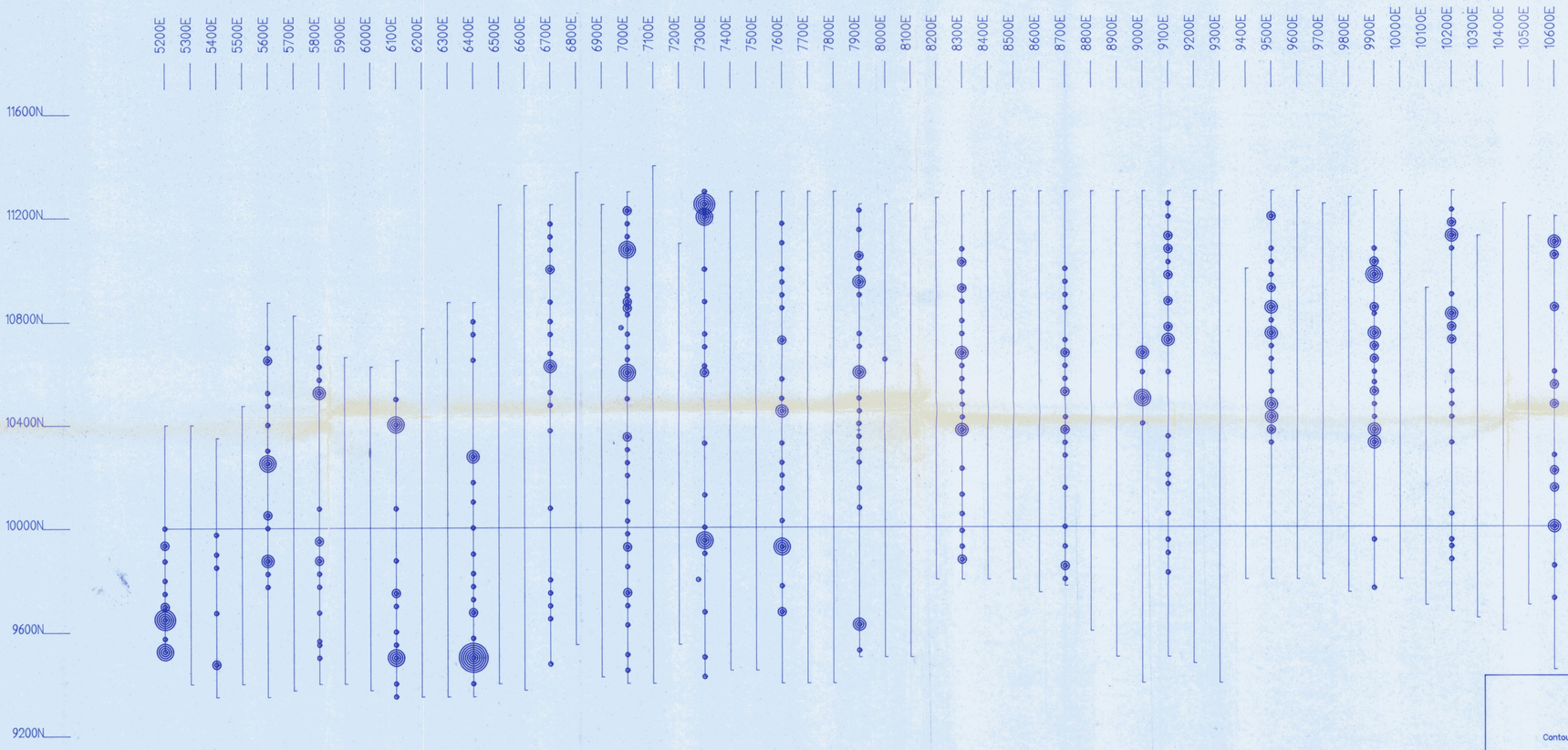
SURVEY BY : AP NTS :

FILE: C333MINB

NORANDA EXPLORATION

Fig 29

Vers. 1.40 Mon 14 Nov 1988 at 10:42 Centre of plot at 7900.0E/10375.0N Serial # CB8140, Registered User : NORANDA EXPLORATION



Contour Interval :
:

200m 100m 0m 200m 400m

>0 <0.30	>=0.30 <0.40	>=0.40 <0.50	>=0.50 <0.60	>=0.60 <0.70	>=0.70 <0.80	>=0.80

PPM Ag

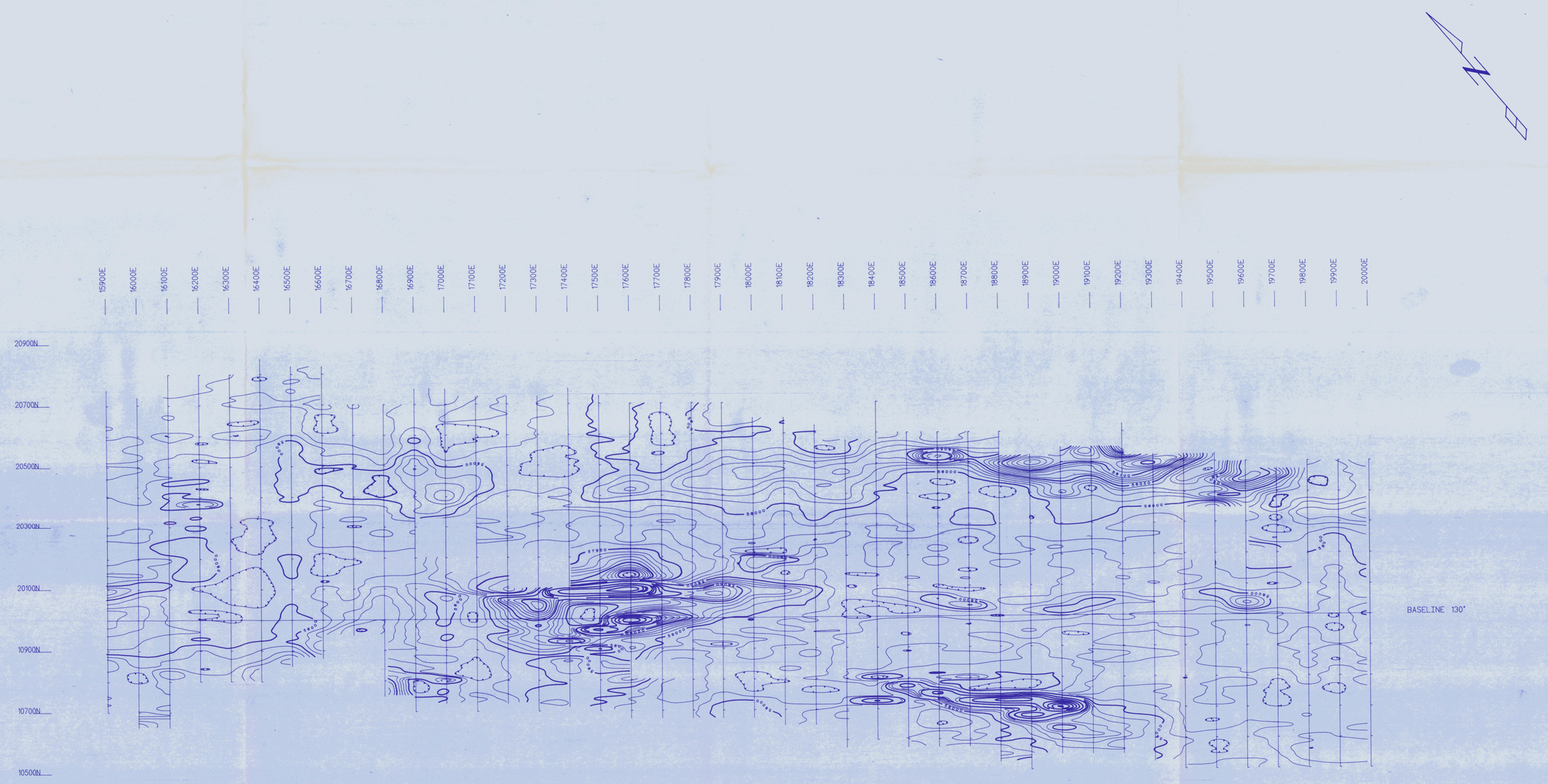
MINTEL B 092621

GEOCHEMICAL SURVEY
PPM Ag
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 130 Deg.

SCALE = 1:10000 DATE : 10/ 1/88
SURVEY BY : AP NTS :
FILE: C333MINB
NORANDA EXPLORATION

Fig 30

Vers. 1.40 Fri 11 Nov 1988 at 828 Centre of plot at 7900.0E/10375.0N Serial # C8514L Registered User : NORANDA EXPLORATION



Instrument : EDA MAG
Field : TOTAL
Datum : 0.0 nT

Contour Interval : 10.0 nT

Conductor Axis :

100m 50m 0m 100m 200m

092621

MINTEL-A(EAST)

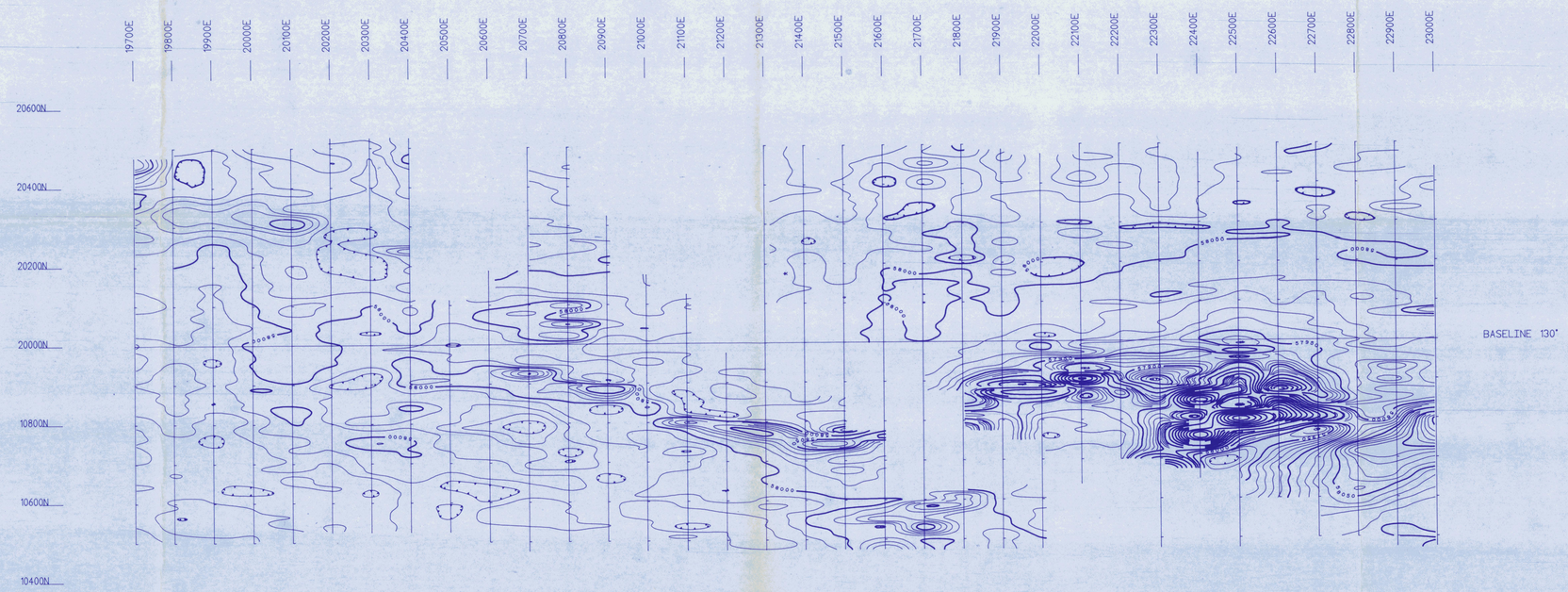
MAGNETOMETER SURVEY

PROJECT: MINTEL-A(EAST) PROJECT # : 333
BASELINE AZIMUTH : 130 Deg.

SCALE = 1: 5000 DATE : 7/19/88
SURVEY BY : S.K./T.L. NTS : 105K2
FILE: MMINA1
NORANDA EXPLORATION

Fig 31

357



Instrument : EDA MAG
Field : TOTAL
Datum : 0.0 nT

Contour Interval : 10.0 nT

Conductor Axis :

100m 50m 0m 100m 200m

MINTEL-A(WEST) 092621

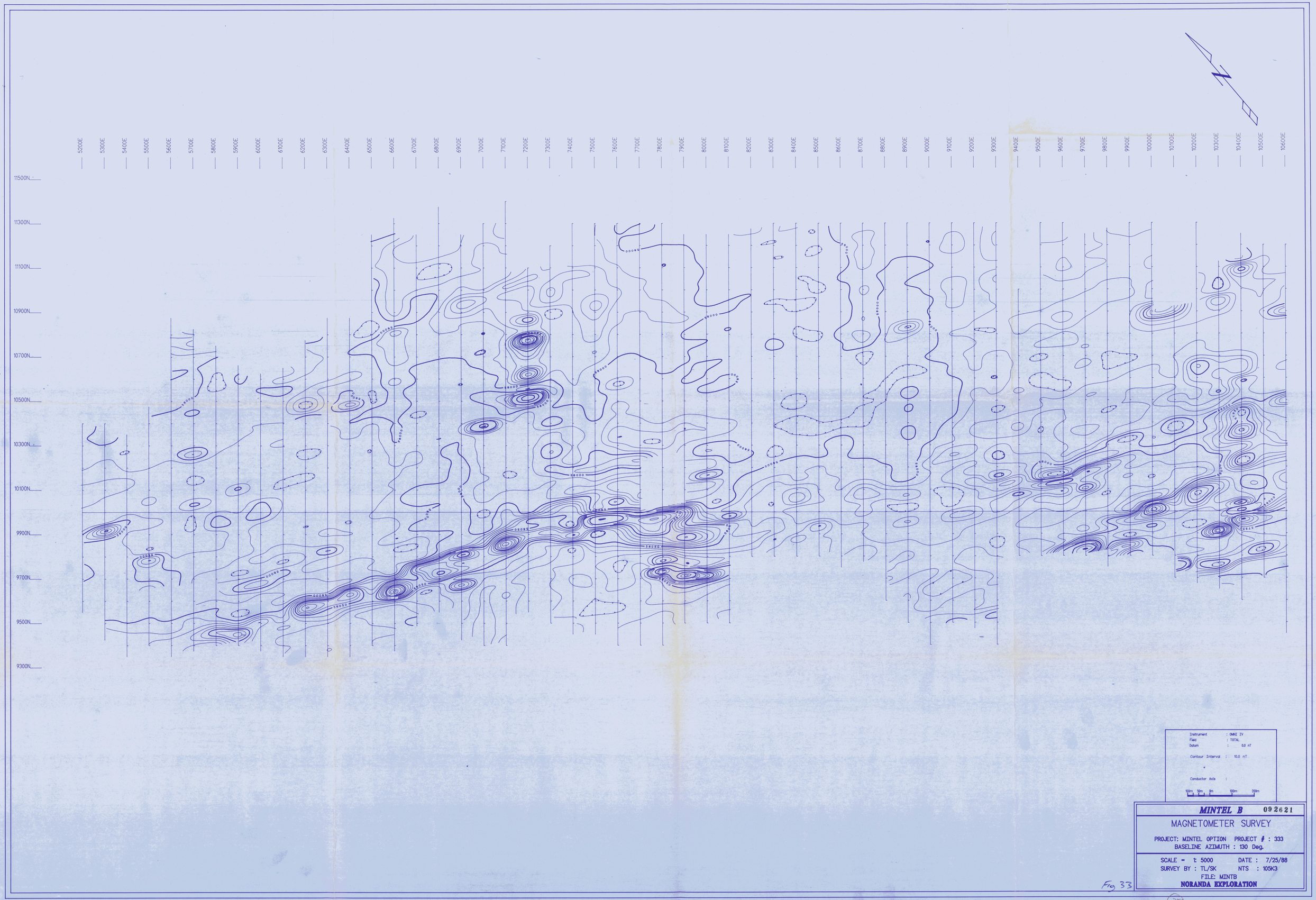
MAGNETOMETER SURVEY

PROJECT: MINTEL-A(WEST) PROJECT # : 333
BASELINE AZIMUTH : 130 Deg.

SCALE = 1: 5000 DATE : 7/22/88
SURVEY BY : S.K.\T.L. NTS : 105K2
FILE: MMINA2
NORANDA EXPLORATION

Fig 32

(358)



5200E
5300E
5400E
5500E
5600E
5700E
5800E
5900E
6000E
6100E
6200E
6300E
6400E
6500E
6600E
6700E
6800E
6900E
7000E
7100E
7200E
7300E
7400E
7500E
7600E
7700E
7800E
7900E
8000E
8100E
8200E
8300E
8400E
8500E
8600E
8700E
8800E
8900E
9000E
9100E
9200E
9300E
9400E
9500E
9600E
9700E
9800E
9900E
10000E
10100E
10200E
10300E
10400E
10500E
10600E
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
N
Instrument : OMNI IV
Field : TOTAL
Datum : 0.0 nT
Contour Interval : 10.0 nT
Conductor Axis :
100m 50m 0m 100m 200m
MINTEL B 092621
MAGNETOMETER SURVEY
PROJECT: MINTEL OPTION PROJECT # : 333
BASELINE AZIMUTH : 130 Deg.
SCALE = 1: 5000 DATE : 7/25/88
SURVEY BY : TL/SK NTS : 105K3
FILE: MINTB
NORANDA EXPLORATION

Fig 33

359