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CONFIDENTIAL X  
OPEN FILE

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TYPE OF WORK: Geology, Geochemistry

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REPORT FILED UNDER: Noranda Exploration Company Ltd  
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DATE PERFORMED: June - Sept 1988

DATE FILED: November 29, 1988

LOCATION: LAT.: 64° 03' N

AREA: Brewery Creek

LONG.: 138° 15' W

VALUE \$: 36 858.00

CLAIM NAME & NO.: LEE 1-32 YB 04486-YB 04517  
LEE 33-76 YB 17700-YB 17743

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WORK DONE BY: G. Mackay  
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WORK DONE FOR: Noranda Exploration Co. Ltd  
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DATE TO GOOD STANDING: ; REMARKS: #136 HUD  
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GEOLOGICAL & GEOCHEMICAL REPORT

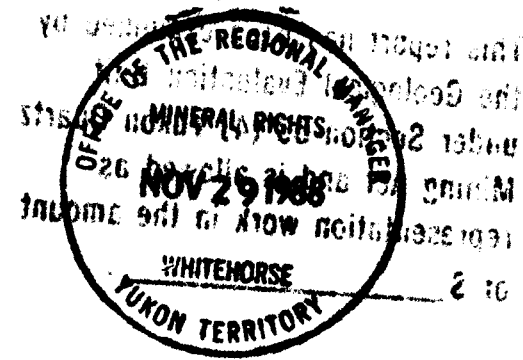
on the

BREWERY CREEK PROJECT

LEE CLAIMS

Dawson Mining District

Yukon Territory



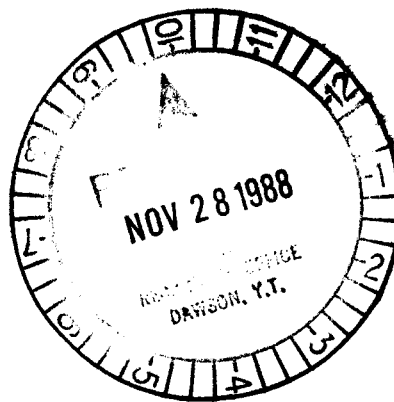
Regional Office for Exploration and  
Development Services for  
Commissioners

N. T. S. : 116 B/1

Latitude: 64 03'

Longitude: 138 15'

092678



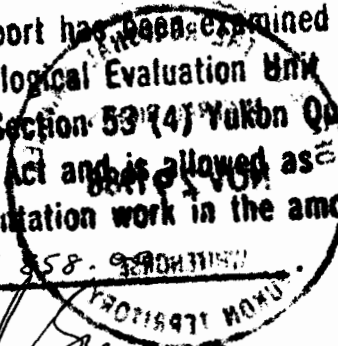
Owned & Operated by: Noranda Exploration Co., Ltd.

(no personal liability)

Gordon MacKay

November, 1988

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 \$36,858.



*J. J. [Signature]*  
Regional Manager, Exploration and Geological Services for Commissioner, Yukon Territory.

872580



## SUMMARY

Geochemical sampling at the Brewery Creek Project has identified a very large and distinct As, Sb, Au and Hg anomaly. This anomaly appears to be related to an argillicly altered biotite quartz latite intrusive which is seen to cut Road River sediments.

Due to the lack of exposures on the property it is felt that geophysics, magnetometer and HLEM will provide mapping of the intrusive contacts. Further geochemistry and IP will map the mineralized zones and trenching will allow assessment of that mineralization.

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### 1-1: Introductory Statement

During the 1988 field season 65 mandays of work was completed on Noranda's wholly owned LEE Claims. The claims consist of one block of 76 claims.

### 1-2: Location & Access

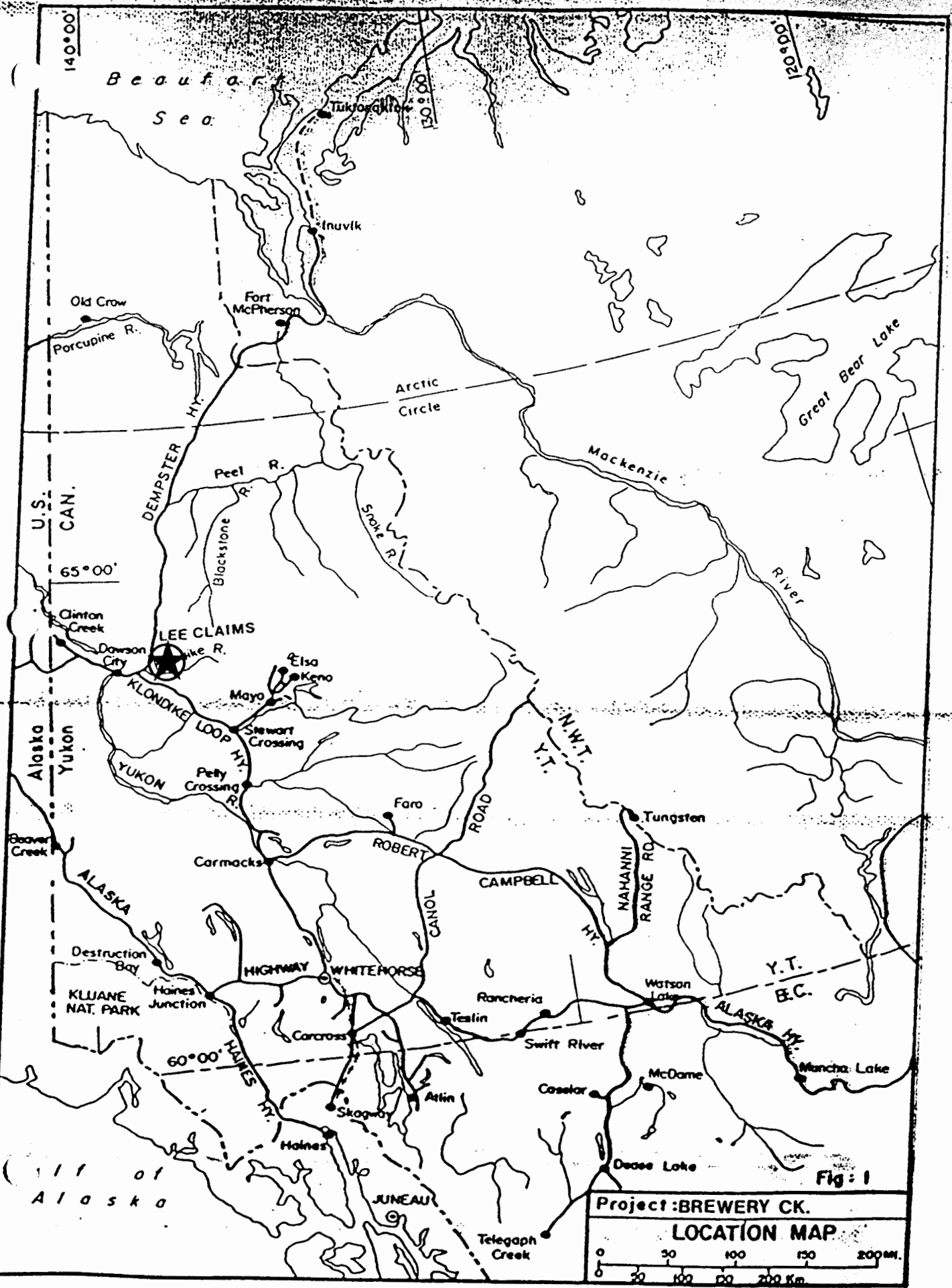
The LEE 1 - 76 claims are located on mapsheet 116 B/1, 57km due east of Dawson City, Y.T.. (see fig. 1) Access to the property is by helicopter (Bell 206) from Dawson City. At present there is road access to within 8km of the property. A staging area is located along the Klondike Ditch at Lee Creek approximately 12km from the Dempster Highway. (fig. 2)

### 1-3: Physiography & Vegetation

The LEE claims lie in the extreme southwestern corner of the Ogilvie Mountains and are bounded on the southwest side by the Tintina trench. This part of the Ogilvie Mts. is characterized by rectangular drainage patterns which have resulted from jointing within steeply dipping sediments.

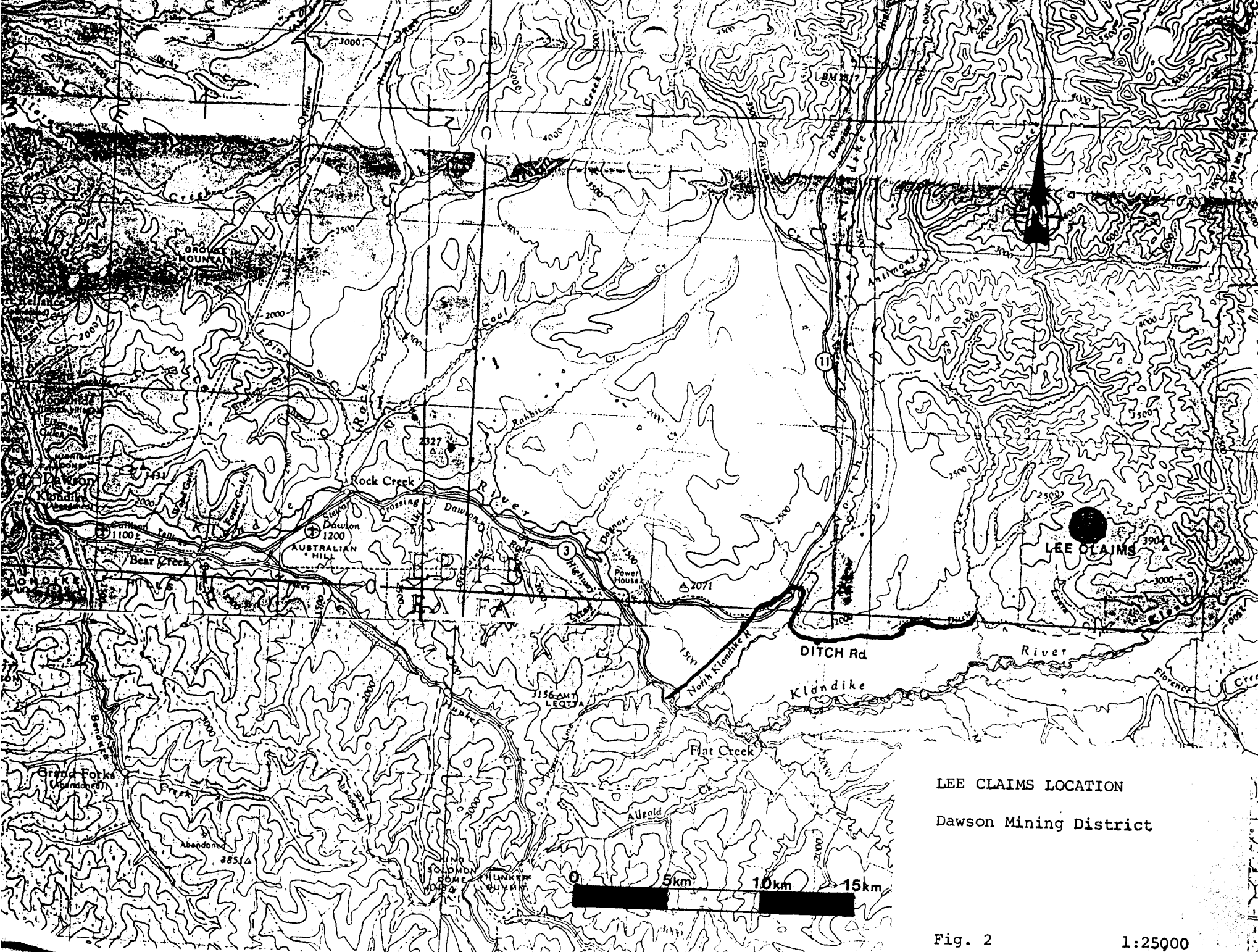
Elevations, on the property, vary from 1200 metres to 700m. The steepest slope is in the northwestern portion of the property and is approximately 30 degrees.

Vegetation on the property is of four main types. On the western end of the property above 1050m the vegetation is dominated by alpine buckbrush and grasses with widely spaced stunted coniferous trees. On the north and northwest facing slopes the vegetation consists of thick blankets of moss with spaced thickets of slope alder and rare coniferous trees. The southern facing slopes have two distinct styles of vegetation; coniferous trees with abundant undergrowth, and areas of deciduous aspen with very little or no undergrowth.



Project: BREWERY CK.  
**LOCATION MAP**  
 0 50 100 150 200 MI.  
 0 50 100 150 200 Km

Fig: 1



LEE CLAIMS LOCATION  
 Dawson Mining District

Fig. 2 1:25000

All areas with thick (>20cm) moss cover were found to have permafrost immediately below the moss. Areas of deciduous Trembling Aspen forest appeared to be well drained.

#### 1-4: Exploration History

There is no history of hardrock exploration in the vicinity of the LEE property. It is likely the drainages have been tested for placer in the past. Laura Creek, which drains the central part of the property, has recently been staked for placer.

The Antimony Mt. area 27km to the north of the LEE, has been the target of a long series of exploration programs. These programs have targeted arsenopyrite and stibnite veins in metasediments adjacent to a large intrusive body.

#### 1-5: Claim History

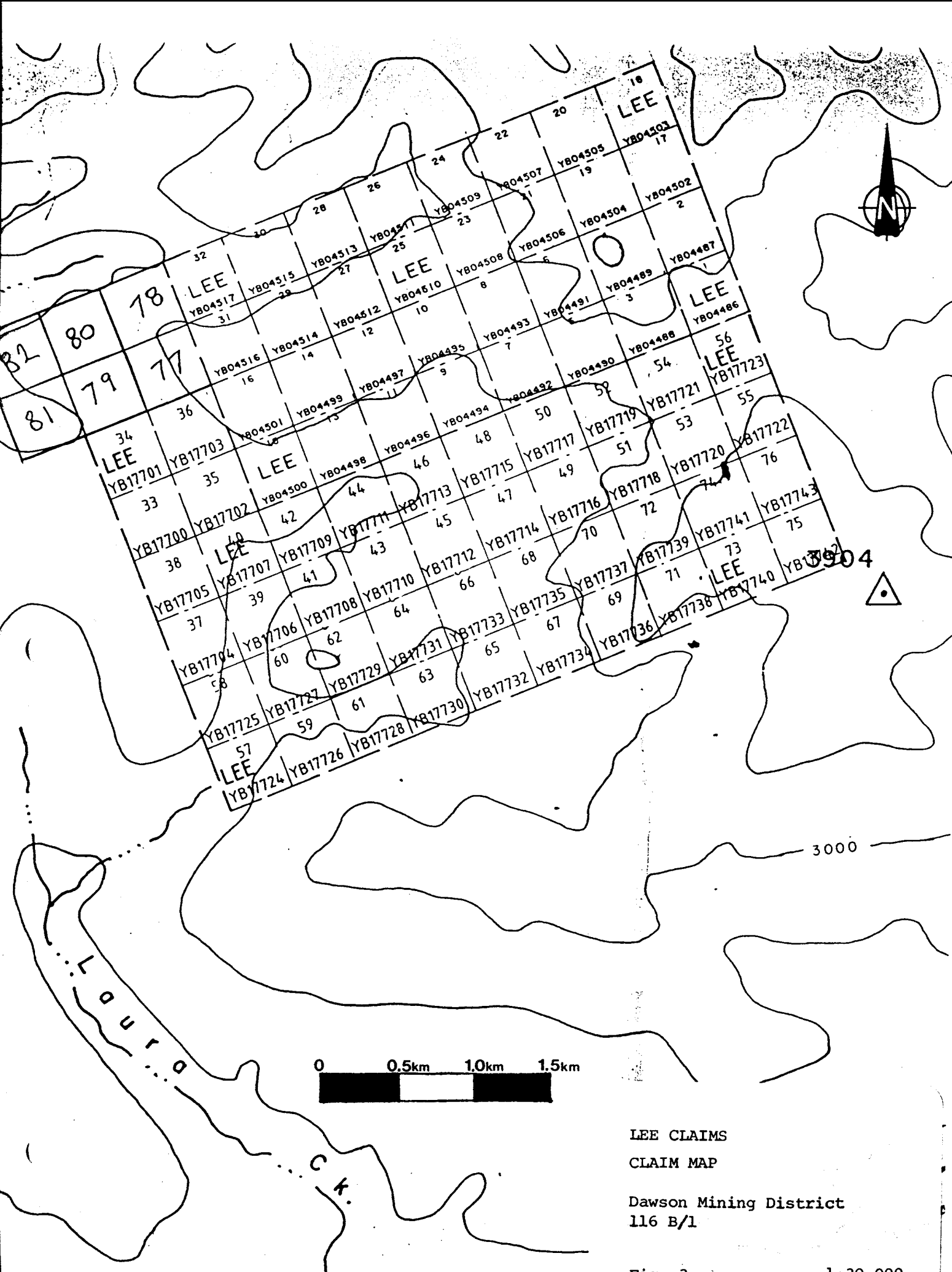
The LEE 1 - 32 claims were staked in October 1987 to cover a reconnaissance geochemical anomaly. LEE 33 - 76 were staked in August 1988 to cover possible extensions of geochemical anomalies. There is no previous history of work on the property. (see fig. 3)

#### 1-6: Claim Definition

This report covers the following claims:

<u>CLAIMS</u>	<u>RECORD NOS.</u>	<u>STAKED</u>	<u>ANNIVERSARY</u>
LEE 1 - 32	YB04486 - 517	Oct. 20/87	Jan. 20/93
LEE 33 - 76	YB17700 - 743	Aug. 16/88	Jan. 20/94

Upon acceptance of this report the claims will be in good standing until the anniversary date given above.



LEE CLAIMS

CLAIM MAP

Dawson Mining District  
116 B/1

Fig. 3

1:30,000

1-7: 1988 Work Program

In 1988 Noranda Exploration Company, Limited conducted an exploration program consisting of soil sampling, prospecting and geological mapping. A short program of hand trenching was also carried out. Work was conducted during the periods June 16 - 22, Aug. 7 - 16, Aug. 25 - 29, Sept. 25 - 29.

Personnel involved in the program were:

G. MacKay	Geologist	Whitehorse, Y.T.
R. Copland	Senior Assistant	"
B. Bark	Geological Assistant	Peterborough, Ont.

Helicopter support was provided by Trans North Air, based in Dawson City.

During this program, production included:

Grid	48km
Soil Samples	953
Silt Samples	13
Rock Samples	58

## CHAPTER TWO: GEOLOGY

2-1: Regional Geology

The property lies within the Selwyn Basin physiographic province within 20km of the southwestern boundary. This boundary is formed by the Tintina Trench, a major physiographic feature which reflects the trace of the Tintina fault, a dextral strike slip fault with an estimated offset of 450km.

The Road River formation consists of interbedded flakey argillites and black and grey cherts with occasional chert pebble conglomerate and rare quartzites. The estimated thickness of the Road River formation in this area is over 300m. Green (1972) cites evidence that suggests that the Road River may be isoclimally folded with possible infolds of the underlying Precambrian to Cambrian Grit unit. These units are cut by stocks of Cretaceous bi-modal intrusives.

## Table of Formations

TERTIARY

-quartz porphyry intrusive

CRETACEOUS

-Bi-modal Intrusives

-Hornblend and hornblend biotite syenites

-orange to brown weathering diorite and gabbro

ORDOVICIAN AND SILURIAN

-Road River Formation

-interbedded flakey argillites and black and grey cherts with rare quartz pebble conglomerates, quartzites and limestones

PRECAMBRIAN and/or CAMBRIAN

-Grit Unit

-gritty quartzites, sandstone and quartz pebble conglomerate; black, maroon and green shales, and slates; schistose quartzite, quartz chlorite schist, minor limestone and black chert.

## 2-21 Property Geology

The LEE property was mapped at a 1:10,000 scale. Due to the lack of outcrops on the property much of the property geology is based on mapping float from soil sample holes. This was effective because of the local nature of the float and the lack of till material. There is little information about the nature of contacts or unit orientations on the property.

There are three distinct intrusive units on the property. Whether these are separate events or represent different phases of the same event is unknown.

### Fine Grained Mafic Intrusive

This unit which outcrops in the northwest corner of the property appears to correlate closely with L.H. Green's (1972) unit 20. Green describes this unit as orange to brown weathering diorite and gabbro. In the map area this unit forms resistant knobs and is characterized by fine grain size and dark green fresh surface.

### Biotite Feldspar Phenocrystic Monzonite

This unit outcrops in the northeastern part of the property and the southwestern part. Biotite and feldspar phenocrysts vary in size from approximately 3mm up to 5mm. Occasional quartz eyes of similar size are seen and very rare potassium feldspar megacrysts up to 2cm.

### Biotite Quartz Latite

This unit is found in the central portion of the property and does not outcrop. Strong argillic alteration is characteristic. (see Appendix 1a & 1b)

Limestone with interbedded Barite

This unit forms a resistant knob in the east central portion of the property. The barite is black with very fine grain size. The limestone is also dark, but is commonly recrystallized. Both have a strong fetid odour when fractured.

Flakey Argillite with interbedded Chert

Black flakey argillite with gray to black massive chert. Chert beds are commonly less than one metre thick with up to 100 metres of argillite between chert beds. This is the most extensive unit on the property and in the area.

In the North Central part of the property the orientation of this unit is well exposed. (Strike 160 degrees, Dip 40 degrees E)

Quartz Pebble Conglomerate

This unit is found at the east end of the property and at the west end. It consists of closely packed chert pebbles with a silica rich matrix. In a couple of locations on the property this unit appears hydrothermally altered. (see Appendix 1c)

## CHAPTER THREE: GEOCHEMISTRY

3-1: Geochemistry

Geochemically the system is anomalous in As, Sb, Au and Hg. There is no basemetal or silver association, rare zinc anomalies are characteristic of Road River sediments regionally. In the northeast of the property there is a significant mercury only anomaly. This anomaly was thought to be the result of a mercury halo, but the lack of similar high mercury adjacent to other parts of the main anomaly places this in some doubt.

The lack of a significant antimony anomaly associated with the Moosehead samples may suggest the possibility of two or more phases of mineralization. A large difference in the mobility of Sb compared to As, Au and Hg through the system could also cause part of the system to be low in one or more elements.

3-2: Litho Geochemistry

58 rock samples were collected from the property. All samples were grab samples of float material. These samples were analysed by 30 element ICP with AA for gold and mercury. The most anomalous sample (R10177) returned a value of 5620ppb gold. Fire assay of this sample returned a value of .156 oz/t Au.

All but one of the rock samples which returned values greater than 500ppb were of the biotite quartz latite unit, with characteristic pervasive argillic alteration. The only exception is sample R25455, an altered sandstone?

3-3: Soil Geochemistry

942 soil samples were collected from the LEE property. These samples were collected from B-horizon residual soil. These samples were air dried

and then sent to Noranda's lab in Vancouver for analysis of Cu, Pb, Zn, Ag, As, Sb, Au, analysis for Hg was done at ACME Analytical Laboratories in Vancouver.

Sampling was hampered by extensive permafrost on the north facing slopes. South facing slopes were all well drained and without permafrost. A multi element anomaly 100m to 300m wide and approximately 3000m in length was outlined trending approximately northeast.

3-4: Grid Soil Statistics

	Cu	Zn	Pb	Ag	As	Sb	Au	Mo	Hg
samples	942	942	942	942	942	942	942	128	937
High	120	642	140	4.6	2900	2400	2300	12	72000
Low	6	20	1	0.2	1	1	10	1	5
Stnd. Dev.	12.9	85.7	11.6	0.4	227.8	109.9	132.8	1.1	2553.7
Distribution of values, n=Avg.)									
n + 0-0.5 S.D.	458	395	626	303	828	880	866	120	905
n + 0.5-1 S.D.	334	419	255	532	45	28	31	4	12
n + 1-2 S.D.	109	79	36	63	35	17	25	0	13
n + 2-3 S.D.	29	24	6	20	13	7	8	3	3
n + ) 3 S.D.	12	25	19	23	21	10	12	1	4
Simple Avg.	24.0	123.2	11.1	2.5	104.5	27.4	48.3	1.2	416.9
Reduced Avg	23.1	114.1	9.9	0.4	78.1	18.8	34.5	1.1	296.1.

There were also six soil samples taken from one metre deep pits that were dug at anomalous locations on the property. High geochem for these locations are as follows:

Copper	60ppm
Zinc	450ppm
Lead	68ppm
Silver	2.0ppm
Arsenic	5000ppm
Antimony	1600ppm
Gold	3800ppb
Mercury	4100ppb

3-5: Silt Geochemistry

There were thirteen silt samples collected from drainages on the property. These samples were air dried and then sent to Noranda's lab in Vancouver for analysis of Cu, Pb, Zn, Ag, Sb, Au, analysis for Hg was done at ACME Analytical Laboratories in Vancouver. High geochem for these samples are as follows:

Copper	38ppm
Zinc	230ppm
Lead	26ppm
Silver	0.4ppm
Arsenic	62ppm
Antimony	26ppm
Gold	20ppb
Mercury	600ppb

3-6: Moosehead Zone

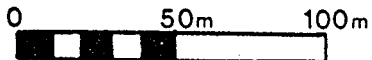
In August, 1988 the Moosehead grid was established. Consisting of five 200m lines, 50m apart with a 10m sample interval. (see fig. 4) The Moosehead grid straddles the base line between the main grid lines 18900E and 19200E. The detailed geochem effectively mapped an area of highly anomalous arsenic, mercury and gold. The anomaly is 40-100 metres wide trends at 42 degrees and is open at both ends. The open ends of the anomaly can be traced into the main grid, but due to the large separation between samples the anomaly is not well defined.

YANCAL 11928

L18800E

L19000E

L19200E



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390

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290

470

220

90

210

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10

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660

10

20

60

60

70

40

120

70

120

170

340

120

60

10

60

110

REVISED

MOOSE HEAD GRID

GOLD ppb

PROJ No 327

NTS 116B/1

DWG No

4

SKETCH BY GM

DRAWN BY

NORANDA EXPLORATION

OFFICE

DATE NOV, '88

SCALE 1:2000

## CHAPTER FIVE: CONCLUSIONS &amp; RECOMMENDATIONS

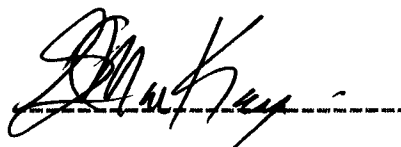
Conclusions

Geochemical sampling has identified a very large and distinct As, Sb, Au and Hg anomaly. This anomaly appears to be related to an argillicly altered biotite quartz latite intrusive which is seen to cut Road River sediments.

Recommendations

Due to the lack of exposures on the property it is felt that geophysics, magnetometer and HLEM will provide mapping of the intrusive contacts. Further geochemistry and IP will map the mineralized zones and trenching will allow assessment of that mineralization.

Respectfully submitted by;

A handwritten signature in cursive script, appearing to read "Gordon MacKay", is written over a horizontal dashed line.

Gordon MacKay

Geologist

## STATEMENT OF COSTS

Labour	65 mandays @ \$150/per day	* 9,750.
Food & Accommodation	65 mandays @ \$ 40/per day	2,600.
Transportation	Helicopter 9.8 hrs @ \$650/hr	6,370.
	Truck, fuel & oil	560.
	Rental	1,000.
Analysis	970 samples @ \$15/sample	14,550.
	58 samples @ \$20/sample	1,160.
Report Preparation	Author 5 days @ \$100/day	500.
	Typing 4 hrs @ \$12/hr.	48.
	Drafting 2 days @ \$150/day	<u>300.</u>
	TOTAL	\$36,858.

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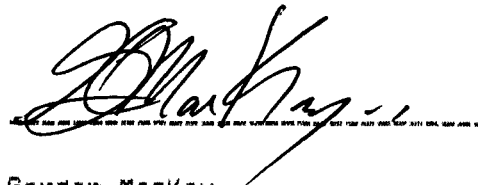
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## STATEMENT OF QUALIFICATIONS

I, Gordon MacKay of the City of Whitehorse, Yukon, do hereby certify that:

- 1) I have been an employee of Noranda Exploration Company Limited (NPL) in Whitehorse, Yukon since May, 1988.
- 2) I am a graduate of the University of British Columbia with a B.Sc. in Geology.
- 3) I supervised work on the claims during 1988.

A handwritten signature in cursive script, appearing to read "Gordon MacKay", is written over a horizontal dashed line.

Gordon MacKay

Geologist

APPENDIX 1

Vancouver Petrographic Reports

1a

Quartz Biotite Latite



# Vancouver Petrographics Ltd.

JAMES VINNELL, Manager  
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39  
8887 NASH STREET  
FORT LANGLEY, B.C.  
VOX 1J0

PHONE (604) 888-1323

## PETROGRAPHY OF TWO OXIDIZED SPECIMENS FROM YUKON

Report for: Gordon MacKay  
Noranda Exploration Co. Ltd.  
Suite 203 - 107 Main Street  
Whitehorse, Yukon  
Y1A 2A7.

Invoice 7648  
Sept. 28 1988

Samples submitted: 35861, M-1.

### SAMPLE 35861: GOSSAN FROM OXIDATION OF SULFIDIZED ?BIOTITE QUARTZ LATITE

Red-brown gossan with cellular (residual) limonite in holes in a completely oxidized former igneous (high-level intrusive?) rock. The limonites are almost entirely goethitic, perhaps with a small admixture of hematite (90 Goethite/10 Hematite), but there is really no suggestion that they were derived by weathering of former chalcocite, as there is not enough hematite. Thin quartz veinlets crossing the rock suggest that the former sulfides were hydrothermal in origin. In thin section, most of the limonite has plucked out during section preparation, but the mineralogy is roughly:

Quartz (matrix; partly secondary)	35%
(veinlet)	3%
Clay (?Kaolinite)	30%
Feldspar (matrix; ?K-feldspar)	15%
Relict biotite, sericite	5%
Limonite (hematite and goethite)	10%

The relict textures of this specimen indicate that it was a fairly fine, porphyritic high-level intrusive, perhaps a plagioclase porphyritic biotite quartz latite, before strong ?pyritization and clay-sericite alteration. The original sulfide present is questionable, since it has been completely oxidized, but the outline of the boxworks suggest pyrite. The clay may be partly or largely due to oxidation by sulfate-bearing waters, i.e. supergene, in origin. Only field relations would help to establish this (if the clay persists to depth, there is more chance of its being hydrothermal, i.e. hypogene).

Former feldspar (?plagioclase) phenocrysts were euhedral, and up to 4 mm long. They are now completely replaced by a fine-grained matted aggregate of clay mineral, intimately mixed with limonite and minor sericite (with higher birefringence than the clay mineral) and a little quartz. The outlines of the former phenocrysts may be seen on the cut slab surface with a hand lens. The clay mineral has a relief often below that of adjacent quartz, which would indicate montmorillonite, but the grain size is quite substantial (0.01 to 0.02 mm) and the birefringence is very low, so kaolinite seems a better guess. Only X-ray diffraction would confirm the identification, if it is important.

Former biotite phenocrysts were about 0.5 to 1 mm long, and have been mostly replaced by sulfide (now limonite) and sericite. However, in places relict brown pleochroic biotite may still be seen. It is possible that much of the sulfide (now limonite) grains formed in mafic sites. They have a similar distribution and size.

The groundmass before alteration was probably a mixture of quartz, ?plagioclase, and ?K-feldspar grains about 0.05 to 0.1 mm average diameter. The ?plagioclase is now completely replaced by the same fine clay that has replaced the phenocrysts, while the ?K-feldspar, which has lower relief than the quartz, is much less attacked.

Quartz veins are made up of elongate, subhedral to euhedral grains about 0.5 mm long, with growth zones parallel to the crystal outlines marked by tiny primary fluid inclusions. Limonite is rare in the veins, implying that they were relatively barren of sulfide. Patches of clay are identical to that in the matrix of the rock, and so are probably also after former feldspars.

1b

Intrusive Breccia

SAMPLE M-1: HETEROLITHIC (?IGNEOUS, INTRUSIVE) BRECCIA

Yellow-brown, highly oxidized breccia with mixed clasts that include black ?sedimentary or tuffaceous chips, porphritic volcanic fragments, and fragments of lapilli tuffs, themselves containing volcanic fragments. There are two polished thin sections supplied with this specimen, both labelled M-1, but one is obviously spurious (from a different specimen, since it is composed almost entirely of a quartz (?vein). It will not be described further. In the other polished thin section, the apparently igneous character of the breccia matrix is obvious from the mineralogy:

Quartz (matrix; altered)	60%
Quartz (relict phenocrysts)	5%
(veins)	5%
Clay (?kaolinite)	15%
Sericite	10%
Limonite (Goethite)	5%

This is a most unusual rock. Due to the fact that the matrix of most of the fragments in this rock is relatively coarse quartz (about 0.1 to 0.2 mm across on average), I would be tempted to speculate that the matrix was sedimentary. However, the presence of clearly bipyramidal quartz phenocrysts, and clay-altered feldspar phenocrysts, suggests that the fragments are volcanic, as the hand specimen indicates.

The matrix quartz grains are so altered, to fine flecks of sericite and clay, that they look like alkali feldspar in thin section. However, they are uniaxial positive and have no significant relief from adjacent quartz in phenocrysts or veins. Quartz phenocrysts show identical alteration at their rims. I have never seen quartz so altered; perhaps some of the alteration could be due to supergene processes of oxidation, but most of it is probably due to hydrothermal alteration.

The clay (and sericite) alteration of the ?former feldspar phenocrysts, possibly plagioclase, is very similar to that of the other specimen, 35861. The low birefringence clay mineral with relief equal to that of quartz may be kaolinite; the high birefringence mineral is probably sericite (or its fine-grained equivalent, hydromica, also called illite).

There obviously were mafic phenocrysts present as well, since there are many lath-like shapes now replaced by sericite and limonite. These probably were formerly hornblende. Others could have been pyroxenes by their more equant outlines.

Quartz in the veins is considerably clearer than that in the matrix of the rock; possibly it post-dates the alteration of the matrix quartz. The vein quartz is similar in texture and grain size to that in the veins in 35861,

with a subhedral, somewhat bladed habit, but without the obvious growth zones of minute primary fluid inclusions. Also, many of the quartz veins in M-1 are accompanied along one margin by a selvage of fine-grained quartz (0.03 to 0.05 mm in size, with an elongate habit). The lath-like shape of the quartz grains in some patches of alteration distinctly suggest the replacement of former plagioclase laths, but this is not certain since quartz may be bladed itself.

As in 35861, limonite (probably after sulfide, at least in part) is mainly restricted to altered mafic sites. It is occasionally found along the selvages of quartz veins, where it might be largely transported and not indigeneous.

The black-coloured chips of rock in the breccia contain small ovoids of chalcedonic quartz and abundant very fine (10 micron) opaques that are partly cubic and may be after pyrite, but are also partly amorphous and may be ?carbon. These chips could be tuffs, or sediments of volcanic derivation.

In summary, this appears to be an intensely altered, strongly oxidized (weathered) sample, possibly of an igneous breccia (or volcanic fragmental) that was sulfidized. The clay alteration is so similar to that in 35861 that they may be related, although there is somewhat more sericite in M-1.



Craig H.B. Leitch, M.Phil., P. Eng.

September 28, 1988

(604) 921-8780

1c

Quartz Pebble Conglomerate

Sample Lee 1

CHERT(?) PEBBLE CONGLOMERATE

R10188

Estimated mode

223 As  
3600 Hg.

Chert(?)	94
Quartz	3
Sericite	trace
Carbonate	trace
Limonite	3

It is clear, from examination of the cut-off block, that this rock consists of a close-packed aggregate of sub-rounded fragments, 1 - 15mm in size.

Under the microscope the material of these fragments is seen to be a structureless, cryptocrystalline aggregate, very similar in appearance to the chert of Sample AUS-2 - though generally even finer grained.

The strong white etch developed by HF on the cut-off block could indicate that this material is, in fact, a form of felsitic plagioclase - perhaps an incipiently devitrified volcanic glass. However, this type of etch reaction is also shown by many cherts - perhaps as a result of a high content of silica of opaline type. The overall textural/mineralogical aspect in this case is considered to be more typical of chert than felsite.

Chemical analyses for  $\text{SiO}_2$  and alkalis would decide this point.

The constituent pebbles of the conglomerate are distinguishable under the microscope by virtue of slight variations in grain size, but no actual matrix phases is recognizable. The pebbles appear to be close-packed and have probably become indurated by subsequent authigenic diffusion of cherty silica.

A few, scattered, discrete, sub-rounded pebbles, of normal granular quartz, 0.5 - 2.0mm in size, are seen.

The rock is pervaded by a network of hairline veinlets and diffuse impregnations of limonite. The former mainly follow pebble outlines, but locally cross-cut them. The limonite is sometimes associated with sericite and/or fine-grained carbonate.

Many of the pebbles have clusters of empty cubic casts, 0.05 - 0.5mm in size, and, in one area, similar forms are seen still filled by limonite - clearly pseudomorphous after pyrite.

APPENDIX 2

Rock Sample Reports & Results



NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Brewery Cr

N.T.S. \_\_\_\_\_

DATE \_\_\_\_\_

ROCK SAMPLE REPORT

PROJECT \_\_\_\_\_

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G
R35873	20000E 21250N Float weakly banded Tan siltstone only Rk type in sample hole.				
P35872	P35872				
R35874	10M grid w at 20000E 21100N Black chert with clasts of resinous black material. white qtz stockwork minor pyrite. subcrop.				
R35875	RL 15 3800N Float. Alt. int. w Qtz eyes.				
R25452	RL 15 2400N Float. Qtz epidote veining unaltered sed. (sandstone?)				













NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Brewery CK

N.T.S. \_\_\_\_\_

DATE \_\_\_\_\_

ROCK SAMPLE REPORT

PROJECT \_\_\_\_\_

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R16927	Tuff? Fine grained cherty sed. Minor silicates 2-5% diss sulphides.	2-5%	Flint.														BB
R35899	Fine grained sed. w. Qtz veining. Sub crop.																
R35898	4x fine grained Gray Green siltstone. Rusty wther. Black vein Sub crop.																

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Brewery Creek LEE

N.T.S. 116 B1

DATE Aug 30<sup>th</sup>

ROCK SAMPLE REPORT

PROJECT 327

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY	
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
R25459	L18200E 19855N Brecciated and pervasively + Veins Si altered.	-	Float	Boulder														GCM
R25460	18925E 21020N Brecciated Argillite. Qtz alteration, pervasive and veins	-	Float															
R25461	21020N 18925E Pervasively Oxidized (Altered Intrusive)																	
R25462	≈ 19400E 19600N? 5m <sup>3</sup> boulder of Qtz. Possibly from reef vein. (see photo) limonitic fractures + garlick smell? V. near contact between Int. & Arg.																	



NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY LEE (BREWERY CRK.)

N.T.S. \_\_\_\_\_

DATE Aug. 88

ROCK SAMPLE REPORT

PROJECT 327

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G <input type="checkbox"/> A <input type="checkbox"/>								SAMPLED BY	
R-35896	SILICIFIED SED. BUFF BROWN WEATHERING ~ 1% PY ("LEE CROP") GRAB													RC
R-35897	SILICIFIED SED SMALL QUARTZ STRINGERS BROWN WEATHERING "LEE CROP" 0% SULPH. GRAB													
R-35976	SILICIFIED SED. CARBONATE STRINGERS + MASSES ON FRACTURES MINOR PY IN BLEBS + DISS. - GREY "LEE CROP" GRAB													

June 88

slurry Au

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 JKL 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 PB CA P LA CR NG BA TI B V AND LIMITED FOR SA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK AD\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLUXLESS AA.

LEE

DATE RECEIVED: JUNE 27 1988

DATE REPORT MAILED: July 6/88

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

NORANDA EXPLORATION PROJECT-326 8807-003 File # 88-2272

SAMPLE	NO	CU	PB	CO	AG	NI	CO	MO	FE	AS	U	AU	TD	SR	CD	SB	BI	V	CA	P	LA	CR	NG	BA	TI	B	V	AL	SA	K	Y	AU*	Hg
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	
210177	1	42	15	192	.5	19	3	76	2.07	3210	5	5	5	162	15	19	4	36	.06	.061	16	10	.02	1262	.01	6	.50	.01	.03	1	5520	3100	
210178	2	47	8	271	.6	21	4	83	1.61	876	6	ND	3	132	7	11	2	31	.08	.049	19	21	.05	649	.01	11	.52	.01	.13	1	325	2300	
210180	1	17	4	25	.1	3	3	89	.96	44	5	ND	2	58	1	2	3	10	.03	.025	5	7	.03	516	.01	20	.35	.01	.12	1	21	260	
210185	4	28	19	152	.4	15	5	563	1.98	43	5	ND	3	10	2	5	2	16	.07	.032	11	13	.39	151	.01	7	.46	.01	.06	1	1	150	
210185	1	15	18	675	.1	13	10	350	3.64	3	5	ND	15	36	6	3	2	83	.39	.095	43	37	1.51	539	.10	10	2.04	.02	.17	1	2	50	
210188	20	104	17	30	2.6	5	4	51	2.85	223	6	ND	3	160	1	10	2	141	.02	.133	8	22	.01	2924	.02	23	.42	.01	.02	3	2	3600	
220302	2	39	71	775	.3	47	14	824	4.50	399	5	ND	21	25	2	46	2	28	.04	.074	44	26	.05	238	.01	7	.51	.01	.16	1	1	130	
220303	1	2	4	18	.1	4	1	52	.72	48	5	ND	1	78	1	452	3	15	.03	.029	5	8	.01	875	.01	6	.19	.01	.02	1	13	50	
220311	1	5	5	16	.1	1	1	49	.58	16	5	ND	1	16	1	15	4	8	.02	.011	6	7	.01	297	.01	5	.15	.01	.06	1	1	200	
220312	3	5	5	3	.1	2	1	79	.86	5	5	ND	1	7	1	5	3	6	.02	.007	2	6	.02	177	.01	16	.17	.01	.03	1	1	460	
220313	1	1	2	25	.1	1	1	2	.22	6	5	ND	1	176	1	2	6	5	.01	.003	2	3	.01	315	.01	9	.02	.01	.01	1	1	150	
224997	2	9	3	12	.1	6	1	78	1.03	15	5	ND	1	49	1	4	6	8	.04	.041	2	6	.01	1291	.01	12	.06	.01	.03	1	1	200	
224553	1	14	2	11	.1	6	2	194	1.21	4	5	ND	1	26	1	2	2	5	.04	.015	3	6	.04	1607	.01	7	.31	.01	.14	1	38	320	
235477	1	12	22	94	.1	15	9	660	4.01	13	5	ND	7	45	1	7	2	47	.57	.062	30	24	.06	1374	.01	12	.66	.01	.10	1	1	130	
STD C/AQ-1	17	57	10	132	1.0	55	25	1055	6.12	38	15	7	36	45	17	18	18	55	.47	.035	38	56	.92	175	.05	35	1.95	.06	.13	10	510	1300	

← Above Au?

Blue Ry Creek

8808

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 PLANKLESS AA.

DATE RECEIVED: AUG 22 1988 DATE REPORT MAILED: Aug 30/88 ASSAYER: D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 8808-085 327 File # 88-3797

Table with columns: SAMPLE#, NO, CU, PB, ZN, AG, NI, CO, MC, FE, AS, U, AU, TH, SR, CD, SB, BI, V, CA, P, LA, CR, MG, BA, TI, B, AL, NA, K, W, AU\*, HG. Rows contain numerical data for various elements across multiple samples.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 1-1-2 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 HG BA TI B V 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 PLANKLESS AA.

DATE RECEIVED: SEP 6 1988 DATE REPORT MAILED: Sept 13/88 ASSAYER: C. Leong, D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 327/8809-016 File # 88-4255

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	V	Au*	Hg
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	PPM	PPM	PPM	
R 25457	1	24	19	42	.3	24	4	295	.94	35	5	ND	2	12	1	2	3	22	.44	.053	10	21	.68	59	.05	3	.46	.01	.06	1	2	5
R 25458	3	32	6	126	.2	33	3	63	.95	66	8	ND	2	174	5	10	2	203	5.64	1.706	17	132	.25	353	.02	2	.55	.01	.22	1	1	30
R 25459	1	7	28	41	.1	8	2	100	.64	4	5	ND	1	8	1	2	2	5	.06	.017	2	6	.03	73	.01	2	.12	.01	.05	1	1	50
R 25460	1	10	5	61	.1	10	4	212	.78	15	5	ND	1	10	1	2	3	6	.05	.022	2	5	.01	113	.01	2	.12	.01	.02	1	2	130
R 25461	2	20	40	102	.2	7	9	456	4.19	7540	5	ND	14	62	2	21	2	30	.07	.058	49	11	.02	736	.01	5	.54	.01	.11	1	750	1300
R 25462	1	4	8	45	.1	10	3	115	.50	26	5	ND	1	5	1	2	2	2	.06	.015	2	3	.07	14	.01	2	.10	.01	.01	5	2	10
R 25463	1	27	64	308	.2	17	3	64	2.79	41	5	ND	1	5	1	2	2	10	.04	.028	3	3	.02	27	.01	6	.17	.01	.04	1	1	40
R 25464	2	28	10	108	.1	28	13	645	3.97	13	5	ND	22	172	3	2	2	86	2.39	.104	59	75	1.43	731	.15	7	1.50	.04	.90	1	2	20
R 25465	2	16	15	85	.7	10	2	101	2.76	2352	5	ND	2	21	1	21	3	23	.02	.015	17	6	.01	276	.01	2	.36	.01	.04	1	1720	1200
R 25466	1	13	10	33	1.9	12	2	88	.79	24	5	ND	1	14	1	2	2	5	.03	.007	4	7	.02	238	.01	4	.11	.01	.03	4	6	300
R 25467	2	31	2	62	.2	61	32	732	7.98	31	5	ND	1	31	6	2	2	219	6.56	.139	20	72	3.34	826	.01	4	3.61	.02	.12	1	11	30
R 40051	1	140	20	174	.3	343	6	225	1.12	440	6	ND	3	163	5	2	2	177	10.78	1.711	37	147	1.41	147	.04	6	.52	.04	.07	2	1	10
R 40052	1	25	35	129	.2	28	5	177	1.01	14	5	ND	3	10	1	25	2	21	.46	.055	5	10	.26	135	.07	2	.51	.02	.05	1	9	30
R 40053	2	25	13	39	.3	32	8	165	1.10	17	5	ND	6	34	1	15	2	25	.78	.045	5	23	.54	204	.12	4	1.70	.14	.17	2	7	10
R 40054	2	38	20	80	.1	18	16	571	3.61	15	5	ND	35	35	1	2	2	102	.96	.242	77	31	.96	303	.31	6	1.08	.04	1.13	1	5	5
R 40055	3	30	5	35	.3	47	10	67	1.30	9	5	ND	6	89	1	3	2	17	1.14	.035	13	16	.54	131	.09	9	1.32	.17	.23	1	1	5
R 40056	1	95	28	38	.6	8	5	35	7.15	42	5	ND	8	22	2	34	2	24	.02	.021	24	13	.09	1401	.01	9	.88	.01	.28	2	1	500
STD C/AU-R	18	57	35	127	7.0	66	28	1016	3.86	38	18	7	36	45	16	16	18	56	.46	.084	37	56	.40	174	.06	32	1.73	.06	.15	12	510	1400

APPENDIX 3  
Geochemistry Results

June 88

Wm. Gordon McKay

NORANDA VANCOUVER LABORATORY

\*\*\*\*\*

PROPERTY/LOCATION: SELWYN Au

CODE: 18807-003

Project No. : 326 Sheet: 1 of 12 Date rec'd: JUN. 27  
Material : 1626 SOILS Geol. 18M Date compl: JUL. 19  
Remarks : 112 SILTS

Values in PPM, except where noted.

T.	SAMPLE No.	PPM						PPB Au
		Cu	Zn	Pb	Ag	As	Sb	
2	18200E-20000N	32	96	12	0.4	80	32	10
3	20050	24	78	10	0.4	68	110	10
4	20100	18	70	10	0.6	36	120	30
5	20150	34	80	10	1.6	84	46	10
6	20200	18	70	10	0.4	82	110	80
7	20250	20	100	14	0.4	150	160	20
8	20300	26	140	16	0.4	320	32	40
9	20350	14	94	16	0.6	380	24	110
0	20400	30	100	10	0.6	64	22	140
1	20450	30	100	10	0.6	62	10	20
2	20500	42	600	54	0.6	160	62	10
3	20550	28	68	12	0.6	40	22	10
4	20600	18	70	10	0.8	22	10	10
5	20650	22	68	10	1.0	28	4	10
6	20700	22	60	10	0.4	6	6	10
7	20750	30	110	12	1.0	38	12	10
8	20800	34	390	10	0.4	30	14	10
9	20850	40	100	16	0.2	72	18	10
0	20900	34	58	8	0.2	28	6	10
1	18200E-20950N	24	66	8	0.2	6	4	10
2	18400E-20500N	32	110	10	0.8	46	16	20
3	20550	16	80	12	0.6	24	16	10
4	20600	18	50	8	0.6	14	12	10
5	20650	28	130	10	0.8	16	14	10
6	20700	22	120	10	0.4	42	12	30
7	20750	22	94	12	0.4	26	8	10
8	20800	16	86	8	0.4	14	8	20
9	20850	12	54	6	0.2	10	4	10
0	20900	16	74	8	0.4	10	8	10
1	20950	24	70	10	0.4	14	6	10
2	21000	16	58	8	0.2	30	120	10
3	20000	18	76	12	0.4	62	140	20
4	20050	20	76	10	0.4	78	42	30
5	20100	18	84	10	0.4	76	14	10
6	20150	18	62	10	0.2	56	110	30
7	20200	18	74	12	0.4	140	12	140
8	20250	18	64	8	0.4	68	14	30
9	20300	16	110	8	0.4	62	12	10
0	20350	14	290	16	0.4	44	8	10
1	20400	12	260	8	0.4	50	18	10
2	18400E-20450N	22	380	16	1.0	94	200	10
3	18600E-20000N	60	340	24	2.2	430	82	520
4	20050	30	190	16	1.0	160	120	140
5	20100	22	120	12	0.6	250	54	280
6	20150	34	210	14	1.2	110	38	70
7	20200	50	280	18	1.2	140	28	50
8	20250	24	170	18	0.6	120	30	20
9	18600E-20300N	48	280	22	0.6	130	16	10

IT.  
.

SAMPLE  
No.

Cu

Zn

Pb

Ag

As

Sb

PPB 8807-003

Au Pg. 2 of 12

IT.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	Au
0	18600E-20350N	24	120	12	0.6	50	12	20
1	20400	16	84	12	0.2	42	10	10
2	20450	14	86	14	0.8	34	14	10
3	20500	38	110	16	1.0	48	18	10
4	20550	10	150	20	0.4	52	14	10
5	20600	20	120	10	0.4	48	10	10
6	20650	10	52	8	0.6	20	12	10
7	20700	14	78	12	0.6	32	30	10
8	20750	50	200	20	4.4	120	16	80
9	20800	18	120	20	0.4	52	8	10
0	20850	6	74	8	0.4	18	8	10
1	20900	20	110	6	0.2	140	6	30
2	20950	10	56	6	0.2	320	42	30
3	18600E-21000N	36	130	6	0.2	2900	16	240
4	18800E-20000N	40	270	18	0.4	28	18	10
5	20050	36	210	36	0.4	24	58	10
6	20150	24	270	22	0.6	440	32	280
7	20200	10	84	12	0.4	270	46	50
8	20250	12	56	10	0.2	140	120	40
9	20300	20	120	18	0.6	300	52	160
0	20350	14	68	10	0.2	160	140	120
1	20400	52	150	12	2.0	400	120	300
2	20450	110	640	40	1.4	220	16	50
3	20500	28	98	6	0.4	14	10	10
4	20550	46	72	6	0.4	16	4	10
5	20600	28	64	6	0.6	22	22	10
6	20650	20	78	18	0.4	170	42	50
7	20700	24	94	18	0.6	300	22	120
8	20750	16	78	16	0.4	180	22	40
9	20800	18	70	14	0.4	170	16	60
0	20850	18	78	10	0.2	170	20	60
1	20900	16	62	10	0.2	350	8	170
2	20950	10	94	10	0.2	26	4	10
3	21000	20	96	10	0.6	8	4	10
4	21050	22	86	6	0.2	6	4	10
5	21100	20	56	10	0.2	4	1	10
6	21150	22	78	2	0.2	1	8	10
7	21200	38	110	1	0.4	1	4	10
8	21250	28	130	1	0.2	1	2	10
9	21300	30	96	2	0.2	4	6	10
0	21350	42	110	4	0.2	18	6	10
1	21400	44	120	4	0.4	220	6	50
2	21500	50	130	2	0.4	230	2	90
3	21550	52	110	1	0.2	90	6	50
4	21650	52	72	6	0.2	12	6	10
5	21700	32	110	10	0.2	30	4	10
6	21750	60	70	8	0.2	130	12	30
7	21800	110	58	10	0.6	410	24	10
8	21850	120	36	10	1.0	490	6	70
9	18800E-21900N	34	72	10	0.2	32	4	10
0	CHECK NL-6	48	140	70	1.0	84	30	-
1	00E-21950N	24	90	10	0.4	36	6	10
2	18800E-22000N	22	80	8	0.4	28	10	10
3	19000E-20000N	10	120	26	1.6	26	64	10
4	20050	26	340	100	1.4	100	36	10
5	20100	22	250	80	0.6	36	46	10
6	19000E-20200N	18	100	12	0.2	140	50	80

NS  
201500

T.	SAMPLE No.	PPB 8807-003						Au
		Cu	Zn	Pb	Ag	As	Sb	
7	19000E-20250N	54	190	18	1.0	180	780	90
8	20300	18	330	24	0.4	590	330	120
9	20350	14	130	16	0.4	300	1300	50
0	20400	26	250	22	1.0	650	98	340
1	20450	24	210	14	1.4	330	12	180
2	20500	22	96	8	1.0	54	8	10
3	20550	32	100	12	0.4	34	12	10
4	20600	20	90	10	0.2	52	8	10
5	20650	14	94	10	0.2	30	8	10
6	20700	20	66	8	0.2	42	16	10
7	20750	16	100	18	0.2	110	8	10
8	20800	16	70	12	0.2	54	10	10
9	20850	12	84	18	0.2	76	6	10
0	20900	12	68	12	0.2	66	14	10
1	20950	16	120	20	0.2	440	6	270
2	21000	14	78	10	0.2	300	8	50
3	21050	18	100	10	0.2	40	2	10
4	21100	16	110	10	0.2	24	2	10
5	21250	34	80	4	0.2	22	6	10
6	21300	54	72	6	0.4	98	2	10
7	21400	54	86	2	0.2	58	18	10
8	21500	60	88	2	0.2	420	8	70
9	21550	40	68	2	0.2	84	6	10
0	21650	36	76	4	0.2	200	4	40
1	21700	28	86	4	0.2	250	6	60
2	21750	32	88	6	0.2	24	6	10
3	21800	32	140	4	0.2	22	8	10
4	21850	52	280	6	0.2	24	4	10
5	21900	22	54	2	0.2	8	4	10
6	21950	38	68	4	0.2	22	6	10
7	19000E-22000N	58	58	4	0.2	32	2	10
8	19200E-20000N	14	150	14	0.2	36	6	10
9	20050	14	210	22	0.2	86	10	10
0	20100	20	120	10	0.2	20	16	10
1	20150	40	250	30	1.2	32	8	10
2	20200	48	72	16	0.4	24	6	10
3	20350	14	130	10	1.2	16	8	10
4	20400	10	300	16	0.6	16	8	10
5	20450	14	380	14	1.2	14	10	10
6	20500	16	280	12	3.2	14	6	10
7	20550	16	74	8	0.2	18	4	10
8	20600	14	64	8	0.2	18	4	10
9	20650	12	60	6	0.2	14	10	10
0	20700	30	78	6	0.8	24	4	10
1	20750	26	80	2	0.2	8	6	10
2	20800	22	76	4	0.2	12	8	10
3	20850	36	110	8	0.4	28	8	10
4	20900	22	92	6	0.2	18	6	10
5	20950	12	62	6	0.2	10	8	10
6	21000	32	96	8	1.0	20	8	10
7	21050	14	60	8	0.2	44	6	20
8	21100	16	72	12	0.2	640	12	100
9	21150	16	68	1	0.2	1	10	10
0	21250	30	60	1	0.2	1	2	10
1	21300	24	82	1	0.2	1	2	10
2	21350	26	70	2	0.2	1	4	10
3	19200E-21400N	34	100	1	0.2	1	8	10

T.  
o.

SAMPLE  
No.

Cu

Zn

Pb

Ag

As

Sb

PPB 8807-003  
Au Pg. 4 of 12

T. o.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	Au
16	19200E-21450N	38	88	6	0.2	10	4	10
17	21500	40	94	1	0.2	48	4	10
18	21650	36	130	1	0.2	22	6	10
19	21750	44	320	4	0.8	160	10	20
20	21800	42	250	6	1.0	120	12	10
21	21850	14	62	6	0.2	130	6	10
22	21900	24	80	6	0.2	20	4	10
23	21950	18	88	6	0.2	18	8	10
24	19200E-22000N	54	160	4	0.6	38	4	10
25	19400E-20000N	20	110	6	0.4	320	190	160
26	20050	20	140	12	0.2	480	400	160
27	20100	18	80	8	0.2	170	58	40
28	20150	12	62	6	0.2	40	24	10
29	20200	24	72	4	0.2	16	8	10
30	20250	16	66	4	0.2	12	10	10
31	20300	24	80	6	0.2	14	16	20
32	20350	24	100	4	0.2	22	20	20
33	20450	34	160	2	0.6	12	2	10
34	20500	20	110	4	0.2	6	4	10
35	20550	22	92	8	0.4	4	1	10
36	20600	26	140	6	0.2	4	4	10
37	20650	18	120	6	0.2	1	4	10
38	20700	20	96	4	0.8	8	6	10
39	20750	10	94	4	0.4	6	2	10
40	20800	10	46	2	0.2	4	2	10
41	20850	18	68	4	0.2	22	4	10
42	20900	24	70	2	0.2	76	1	10
43	20950	40	140	2	0.4	16	1	10
44	21000	12	62	2	0.2	14	1	10
45	21050	16	100	6	0.6	32	1	10
46	21100	28	130	10	0.2	800	14	410
47	21150	28	96	8	0.2	220	10	170
48	21350	32	66	1	0.2	24	1	10
49	21450	38	60	1	0.2	22	1	10
50	21500	32	50	1	0.2	16	1	10
51	21750	14	100	6	0.4	10	8	10
52	21800	16	80	6	0.2	16	8	10
53	21850	18	56	4	0.2	12	6	10
54	21900	30	100	4	0.4	8	6	10
55	21950	14	54	4	0.2	6	1	10
56	19400E-22000N	14	88	6	0.4	8	1	10
57	19600E-20000N	18	100	16	0.6	440	610	300
58	20050	18	130	14	0.6	410	520	300
59	20100	14	92	8	0.6	140	170	120
60	20150	12	88	6	0.8	30	70	60
61	20200	30	110	6	0.4	24	12	30
62	20250	30	90	4	0.2	12	8	10
63	20300	22	72	4	0.2	12	6	10
64	20350	22	82	4	0.2	20	10	10
65	20400	16	100	2	0.2	14	10	10
66	20500	22	100	2	0.4	8	8	10
67	20550	24	230	4	0.8	4	8	10
68	20600	20	250	2	0.2	18	14	10
69	20650	20	66	1	0.2	8	2	10
70	20700	30	84	1	0.2	6	6	10
71	20750	30	74	1	0.2	10	2	10
72	19600E-20800N	26	84	1	0.2	16	8	10

T.  
b.

SAMPLE

PPB 8807-003  
Pg. 5 of 12

	No.	Cu	Zn	Pb	Ag	As	Sb	Au
73	19600E-20850N	20	82	1	0.4	24	6	20
74	20900	12	76	4	0.4	22	6	10
75	20950	36	140	6	0.6	280	18	70
76	21000	14	150	8	0.6	32	6	30
77	21050	28	42	10	0.4	32	6	50
78	21100	22	120	8	0.6	66	8	10
79	21150	14	46	4	0.2	32	2	10
80	21200	28	120	2	0.6	100	6	30
81	21250	38	130	12	0.8	120	6	80
82	21350	18	68	4	2.0	10	4	10
83	21400	18	120	8	0.2	14	4	10
84	21700	54	450	12	0.4	20	10	10
85	21800	18	66	4	0.2	6	6	10
86	21850	20	64	6	0.2	8	4	10
87	21900	22	60	2	0.2	6	4	10
88	21950	14	84	6	0.4	2	4	10
89	19600E-22000N	18	120	6	0.2	6	4	10
90	19800E-20000N	60	260	28	2.8	270	210	130
1	20050	20	150	14	0.2	110	70	20
2	20100	22	160	12	0.6	56	36	10
3	20150	20	120	8	0.6	40	16	10
4	20200	18	88	6	0.4	26	12	10
5	20250	10	96	8	0.4	20	6	10
6	20300	18	92	8	0.2	16	4	10
7	20350	18	110	8	0.2	20	4	10
8	20400	30	110	6	0.2	14	6	10
9	19800E-20450N	26	160	6	0.4	18	6	10
0	CHECK NL-6	48	140	62	1.0	86	34	-
1	19800E-20500N	20	72	2	0.2	10	14	10
2	20550	22	88	2	0.4	8	4	10
3	20600	110	290	38	1.2	40	16	10
4	20650	68	120	8	0.4	16	18	10
5	20700	40	92	1	0.6	4	2	10
6	20750	18	56	4	0.4	2	4	10
7	20800	18	60	6	0.4	8	6	10
8	20850	18	66	8	0.4	6	4	10
9	20900	20	84	10	0.8	4	6	10
0	20950	24	72	2	0.4	4	1	10
1	21000	20	160	4	0.4	12	4	10
2	21050	20	78	2	0.2	30	6	10
3	21100	24	82	1	0.2	22	8	10
4	21150	20	88	8	0.2	14	4	10
5	21200	28	94	8	0.2	8	2	10
6	21250	18	58	4	0.2	6	4	10
7	21350	32	84	12	0.4	14	6	10
8	21400	20	68	4	0.2	12	4	10
9	21500	28	86	8	0.2	36	8	10
0	21550	34	100	20	0.2	40	6	10
1	21300	18	52	8	0.2	8	2	10
2	21450	22	68	6	0.2	16	4	10
3	21600	28	94	6	0.2	26	2	10
4	21650	30	94	8	0.4	16	2	10
5	21700	20	70	6	0.2	8	1	10
6	21750	18	66	6	0.2	6	1	10
7	21800	20	72	8	0.2	12	2	10
8	21850	18	60	6	0.2	8	4	10
9	19800E-21900N	16	76	4	0.2	6	2	10

T. T. No.	SAMPLE No.	PPB 8807-003							Au	Pg. 6 of 12
		Cu	Zn	Pb	Ag	As	Sb			
130	19800E-21950N	20	78	6	0.2	6	1	10		
131	19800E-22000N	16	80	4	0.4	16	1	10		
132	20000E-20000N	26	350	44	0.8	320	230	190		
133	20050	16	160	18	0.4	150	280	50		
34	20100	28	210	22	1.2	340	200	330		
35	20150	24	220	20	1.4	320	120	460		
36	20200	20	150	10	0.6	100	26	70		
37	20250	24	140	16	0.6	54	18	40		
38	20300	54	160	16	0.8	48	12	20		
39	20350	26	96	6	0.4	20	8	10		
40	20400	22	110	8	0.4	26	6	10		
41	20450	26	78	4	0.2	20	6	20		
42	20500	20	78	6	1.0	16	8	30		
43	20550	20	58	2	0.2	4	14	10		
44	20600	34	74	12	0.6	8	10	10		
45	20650	34	110	8	0.4	14	6	10		
46	20750	20	88	8	0.6	8	8	10		
47	20800	16	68	2	0.2	10	6	20		
48	20850	30	100	6	0.4	18	10	10		
49	20900	22	96	10	0.4	8	42	10		
2	20950	42	190	12	0.8	36	8	10		
3	21000	28	88	4	0.4	38	4	10		
4	21050	50	88	6	0.4	32	6	10		
5	21100	24	88	4	0.4	16	2	20		
6	21150	78	170	42	1.4	40	16	10		
7	21200	42	58	4	0.4	28	6	20		
8	21250	26	110	10	0.8	910	8	1200		
9	21300	68	200	2	1.2	1100	16	600		
0	21350	46	120	6	0.4	180	4	40		
1	21400	26	86	6	0.2	20	4	10		
2	21500	32	120	8	1.0	56	6	10		
3	21550	20	88	6	0.4	14	4	10		
4	21600	16	70	2	0.4	2	4	10		
5	21650	38	110	2	0.6	14	2	10		
6	21700	16	66	2	0.6	18	4	10		
7	21750	24	120	6	0.6	58	6	10		
8	21800	18	74	6	0.4	24	2	30		
9	21850	28	74	6	0.2	24	4	20		
0	21900	32	84	2	0.4	12	4	10		
1	21950	14	54	12	0.6	6	1	20		
2	20000E-22000N	20	72	4	0.2	8	6	10		
3	20200E-20000N	12	250	10	1.8	66	40	10		
4	20050	16	190	10	1.2	48	18	10		
5	20100	14	310	12	1.8	26	24	10		
6	20150	22	150	10	1.2	66	30	10		
7	20200	18	100	10	1.0	26	8	10		
8	20250	18	100	8	0.6	34	8	10		
9	20300	18	120	12	0.8	22	6	10		
0	20350	22	180	14	1.6	52	8	10		
1	20400	18	80	16	0.6	32	4	10		
2	20450	10	52	8	1.0	8	4	10		
3	20500	10	140	20	1.0	38	10	10		
4	20550	12	68	8	0.6	10	8	10		
5	20600	30	100	4	1.0	6	2	10		
6	20650	16	94	6	0.4	6	1	10		
7	20700	32	68	4	0.8	4	4	10		
8	20200E-20750N	30	210	12	1.0	36	2	10		

T.  
.SAMPLE  
No.

Cu

Zn

Pb

Ag

As

Sb

PPS 8807-003  
Au Pg. 7 of 12

T.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	Au
9	20200E-20800N	16	84	4	0.6	16	6	10
0	20850	20	180	4	0.6	30	8	10
1	20900	16	68	4	0.8	16	6	10
2	20950	16	78	6	0.4	60	4	10
3	21000	12	56	4	0.4	66	4	10
4	21050	16	80	6	0.6	68	8	10
5	21100	38	78	8	0.4	170	8	10
6	21150	38	130	14	0.6	100	6	40
7	21300	20	51	2	0.2	12	8	20
8	21400	26	66	1	0.4	6	2	10
9	21500	40	86	1	0.6	6	2	10
0	21550	24	68	2	0.4	20	2	10
1	21600	26	46	4	1.4	8	1	10
2	21650	10	42	4	0.4	6	2	10
3	21700	24	76	2	0.4	12	6	10
4	21750	16	52	6	0.6	10	4	10
5	21800	16	60	4	0.6	28	2	10
6	21850	6	64	4	0.2	6	2	10
7	21900	24	74	6	0.6	10	4	10
8	21950	28	48	1	0.6	2	4	10
9	20200E-22000N	18	58	2	0.4	4	4	10
0	20400E-20000N	22	240	48	2.2	240	250	50
1	20050	36	400	14	2.8	130	74	10
2	20100	14	300	10	1.2	72	10	10
3	20150	18	340	12	0.8	90	12	10
4	20200	14	280	10	1.0	74	4	10
5	20250	34	310	12	0.6	160	10	10
6	20300	16	280	6	1.0	48	2	10
7	20350	16	300	12	1.0	54	4	10
8	20400	26	110	28	0.4	38	6	10
9	20450	22	120	10	0.6	26	4	10
0	20500	30	130	8	1.8	36	4	10
1	20550	24	130	12	0.8	24	6	10
2	20600	22	100	10	0.6	26	8	10
3	20650	34	190	10	0.8	32	4	10
4	20700	30	120	16	1.0	26	6	10
5	20800	38	280	18	1.0	74	6	10
6	20850	18	200	6	0.4	46	8	10
7	20900	18	200	18	0.8	76	12	10
8	20950	14	110	4	0.8	44	8	10
9	21000	16	120	10	0.6	28	10	10
0	21050	26	130	6	0.4	22	10	10
1	21100	20	72	8	0.4	6	4	10
2	21150	24	76	4	0.4	8	6	10
3	21300	14	72	6	0.2	10	8	10
4	21450	26	88	6	0.2	12	8	10
5	21500	32	100	6	0.4	10	6	10
6	21550	14	120	6	0.4	8	6	10
7	21600	12	120	10	0.4	10	8	10
8	21650	16	72	6	0.6	6	6	10
9	21700	20	96	8	0.6	12	4	10
0	21750	12	110	6	0.2	4	6	10
1	21800	20	68	6	0.2	12	6	10
2	21850	14	48	6	0.2	6	6	10
3	21950	16	58	1	0.2	2	4	10
4	20400E-22000N	28	64	1	0.2	4	4	10
5	20600E-20000N	12	72	6	0.4	32	16	10

T.	SAMPLE No.	PPB 8807-003						
		Cu	Zn	Pb	Ag	As	Sb	Au Pg. 8 of 12
6	20600E-20050N	12	92	12	0.4	140	54	10
7	20100	16	78	10	0.6	140	28	130
8	20150	20	180	12	0.8	30	4	10
9	20600E-20250N	18	410	10	1.0	42	8	10
0	CHECK NL-6	50	140	60	1.2	90	34	-
1	20600E-20300N	22	130	12	2.0	22	6	10
2	20350	22	98	8	1.4	16	8	10
3	20400	18	88	8	1.4	12	8	10
4	20450	16	60	4	0.8	8	4	10
5	20500	16	68	4	0.8	10	6	10
6	20550	16	200	1	0.6	20	1	10
7	20600	16	140	8	0.4	16	1	10
8	20650	16	60	1	0.2	26	2	10
9	20700	22	160	8	0.4	74	8	10
0	20750	32	180	18	0.8	22	4	10
1	20850	18	150	6	0.6	12	2	10
2	20900	16	96	6	0.2	20	4	10
3	20950	16	100	6	0.4	18	1	10
4	21000	14	100	8	0.8	2	4	10
5	21050	16	180	6	0.8	10	2	10
6	21100	14	54	8	0.6	10	2	10
7	21150	18	76	6	0.4	14	6	10
8	21200	26	120	12	0.4	18	6	10
9	21250	8	38	6	0.2	10	6	10
0	21450	28	66	4	0.4	12	4	10
1	21500	14	60	6	0.4	10	6	10
2	21550	36	110	18	2.0	16	6	10
3	21600	24	84	4	0.4	6	4	10
4	21650	12	64	4	0.4	4	2	10
5	21700	22	160	8	0.6	6	4	10
6	21750	18	60	4	0.4	1	2	10
7	21850	54	98	10	0.6	30	6	10
8	21900	26	66	2	0.4	30	4	10
9	21950	20	56	1	0.2	16	1	10
0	20600E-22000N	14	72	12	0.2	8	4	10
1	20800E-20000N	16	210	12	0.6	30	8	10
2	20050	18	140	12	0.6	96	24	80
3	20100	12	76	10	0.4	150	16	50
4	20150	22	90	24	1.6	120	20	30
5	20200	36	410	4	0.6	26	14	10
6	20250	12	110	10	0.2	10	6	10
7	20300	18	140	8	0.4	24	4	10
8	20350	26	130	6	0.6	30	6	10
9	20400	24	180	20	0.8	24	6	10
0	20450	30	78	6	0.4	1	4	10
1	20500	16	130	8	0.4	16	8	10
2	20550	16	220	10	1.0	26	8	10
3	20600	30	330	8	1.6	68	10	10
4	20650	24	280	6	0.6	100	10	10
5	20700	22	130	6	0.4	46	6	10
6	20750	16	78	6	0.6	34	8	10
7	20800	30	100	8	0.6	26	4	10
8	20850	20	110	10	0.2	100	10	10
9	20900	20	170	4	1.0	42	6	10
0	20950	40	180	8	1.6	30	4	10
1	21000	20	230	4	0.6	120	2	10
2	20800E-21050N	14	86	4	0.2	24	6	10

T.	SAMPLE No.	PPB 8807-003						Au Pg. 9 of 12	
		Cu	Zn	Pb	Ag	As	Sb	Au	Pg.
6	20800E-21100N	20	84	8	0.4	20	6	20	
6	21150	24	100	14	0.2	20	6	10	
7	21250	54	340	22	1.6	94	10	20	
8	21300	46	390	16	1.8	82	6	20	
9	21350	26	170	2	0.6	18	8	10	
0	21400	18	70	2	0.2	6	4	10	
1	21450	16	94	1	0.2	8	2	10	
2	21500	16	130	4	0.4	4	1	10	
3	21550	38	82	6	0.6	8	1	10	
4	21600	24	82	6	0.2	4	1	10	
5	21650	22	110	6	0.8	16	1	10	
6	21700	14	80	4	0.2	6	1	10	
7	21750	10	42	6	0.2	10	2	10	
8	21800	54	170	14	1.2	30	2	10	
9	21850	30	72	6	0.4	8	1	10	
0	21900	18	64	4	0.4	2	1	10	
1	21950	26	100	2	0.6	24	2	10	
2	20800E-22000N	52	88	1	0.4	450	2	10	
3	21000E-20000N	16	80	10	0.2	82	22	80	
4	20050	14	90	10	0.2	140	24	90	
5	20100	16	120	18	0.4	150	50	100	
6	20150	16	110	8	0.6	120	58	70	
7	20200	22	130	10	0.4	150	80	100	
8	20250	24	200	14	1.0	600	70	730	
9	20300	20	110	8	0.4	24	8	10	
0	20350	26	230	18	0.8	120	4	20	
1	20400	18	140	12	0.4	52	2	10	
2	20450	20	120	12	0.6	24	4	10	
3	20500	18	230	34	0.6	26	6	10	
4	20550	28	120	4	0.6	26	6	10	
5	20600	36	280	22	1.4	24	2	10	
6	20650	26	250	2	0.6	90	4	10	
7	20700	36	270	4	0.6	56	4	20	
8	20750	22	150	6	0.4	14	2	10	
9	20800	22	120	2	0.2	28	1	10	
0	20850	34	170	8	0.2	12	2	10	
1	20900	24	140	8	0.6	12	2	10	
2	20950	36	450	10	0.4	34	4	10	
3	21000	24	230	8	0.8	10	4	10	
4	21050	36	340	24	1.0	26	6	10	
5	21100	48	590	110	1.0	42	10	10	
6	21150	38	370	34	0.6	52	6	10	
7	21200	26	290	26	0.6	68	4	10	
8	21250	64	240	14	2.6	80	12	30	
9	21300	44	180	10	1.8	52	10	10	
0	21350	22	120	2	0.4	2	6	10	
1	21400	16	110	6	0.4	14	4	10	
2	21450	16	150	4	0.4	22	4	10	
3	21500	36	420	6	1.0	28	2	10	
4	21550	48	200	6	0.4	18	4	10	
5	21600	44	150	6	0.4	16	2	10	
6	21650	20	92	6	0.2	8	4	10	
7	21700	26	120	18	0.2	6	2	10	
8	21750	48	180	12	0.4	14	8	10	
9	21800	46	150	18	0.6	16	6	10	
0	21850	16	64	2	0.2	6	8	10	
1	21000E-21900N	36	86	2	0.2	2	1	10	

T.	SAMPLE No.	PPB						BB07-003	
		Cu	Zn	Pb	Ag	As	Sb	Au	Pg. 10 of 12
2	21000E-21950N	12	72	8	0.2	24	4	10	
3	21000E-22000N	40	110	8	0.2	12	4	10	
4	21200E-20000N	10	78	12	0.4	260	92	20	
5	20050	16	100	18	0.4	260	24	60	
5	20100	20	96	8	0.4	170	20	160	
7	20150	14	96	6	0.4	24	12	10	
3	20200	24	170	10	0.4	20	6	10	
3	20250	42	390	16	0.6	58	8	10	
0	20300	26	240	10	0.2	38	8	10	
1	20350	24	170	12	0.2	38	6	10	
2	20400	22	210	16	0.4	42	6	10	
3	20450	20	200	12	0.2	32	8	10	
4	20500	14	98	12	0.2	20	6	10	
5	20550	34	210	16	0.2	64	6	10	
6	20600	16	110	12	0.2	28	6	10	
7	20650	42	410	20	0.4	90	12	20	
3	20700	36	280	20	0.2	50	6	20	
3	20750	20	240	12	0.2	62	4	10	
0	20800	24	210	10	0.2	36	4	10	
1	20850	18	130	6	0.2	18	6	10	
2	20900	38	100	24	0.4	8	2	20	
3	20950	40	400	18	0.4	16	4	10	
4	21000	20	370	16	0.2	16	6	10	
5	21050	34	250	16	0.6	20	4	10	
6	21100	32	420	12	0.6	32	6	10	
7	21150	32	330	18	0.4	34	6	10	
8	21200	48	350	24	0.6	58	10	10	
9	21250	54	250	60	1.8	60	10	10	
0	21300	30	100	10	0.2	18	8	10	
1	21350	44	120	6	0.8	30	4	10	
2	21400	40	200	4	0.4	24	6	10	
3	21450	22	360	6	0.4	26	6	10	
4	21500	18	58	8	0.2	16	1	10	
5	21550	20	120	12	0.2	48	2	10	
6	21600	24	82	4	0.2	24	4	10	
7	21650	20	72	6	0.2	20	2	10	
8	21700	26	78	6	0.2	18	2	10	
9	21200E-21750N	16	68	8	0.2	16	4	10	
0	CHECK NL-6	50	140	60	1.2	90	28	-	
1	21200E-21800N	24	80	1	0.2	6	6	10	
2	21850	32	96	10	0.2	32	8	10	
3	21900	16	48	6	0.2	24	4	10	
4	21950	34	92	6	0.2	20	8	10	
5	21200E-22000N	22	74	1	0.2	14	6	10	
6	21400E-20000N	24	70	6	0.2	26	4	10	
7	20050	18	68	6	0.2	16	6	10	
8	20100	6	38	8	0.2	12	10	20	
9	20150	22	100	4	0.2	56	6	40	
0	20200	24	68	4	0.2	20	4	10	
1	20250	16	150	6	0.8	42	1	10	
2	20300	18	120	4	0.2	42	4	20	
3	20350	16	120	6	0.2	26	2	10	
4	20400	28	130	6	0.2	28	4	10	
5	20450	40	220	8	0.2	80	6	50	
6	20500	24	200	6	0.2	82	1	70	
7	20550	28	220	8	0.8	200	4	100	
8	21400E-20600N	14	48	10	0.2	18	2	10	

SAMPLE  
No.

Cu

Zn

Pb

Ag

As

Sb

PPB 8807-003

Au Pg. 11 of 12

SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	Au
21400E-20650N	14	54	10	0.2	42	1	10
20700	10	58	6	0.2	48	4	10
20750	14	60	4	0.2	32	1	10
20800	14	58	4	0.2	28	8	10
20850	14	64	6	0.2	6	4	10
20900	26	130	6	0.2	16	4	10
20950	28	120	14	0.2	12	2	10
21000	18	80	10	0.2	14	4	10
21050	18	92	14	0.2	22	6	10
21100	30	150	10	0.2	70	6	40
21150	12	74	14	0.2	32	4	10
21200	26	100	6	0.2	40	6	10
21250	20	140	4	0.4	40	14	10
21300	14	62	8	0.2	12	1	10
21350	28	120	4	0.4	2	1	10
21400	28	78	2	0.2	12	4	10
21450	16	60	4	0.2	8	2	10
21500	12	48	1	0.2	14	2	10
21550	38	140	1	0.4	12	1	10
21600	14	62	2	0.2	10	1	10
21650	14	82	4	0.2	14	2	10
21700	14	82	4	0.2	4	4	10
21800	22	64	4	0.2	6	6	10
21850	12	56	4	0.2	6	4	10
21900	26	72	4	0.2	2	1	10
21950	14	72	2	0.2	2	4	10
21400E-22000N	28	84	2	0.2	2	4	10
21600E-20000N	26	74	8	0.2	20	8	10
20050	22	72	6	0.2	8	4	10
20100	26	130	6	0.2	38	2	10
20150	24	300	6	1.2	64	6	10
20200	30	98	6	0.2	66	6	10
20250	22	110	8	0.2	52	4	10
20300	26	350	6	0.6	150	6	30
20350	32	210	8	0.8	98	4	340
20400	54	240	16	1.0	70	2	60
20450	48	190	18	0.2	150	4	90
20500	24	110	16	0.2	46	1	20
20550	16	82	8	0.2	46	2	10
20600	20	94	24	1.0	84	1	20
20650	24	94	16	0.2	84	1	40
20700	76	220	16	1.0	170	18	20
20750	18	88	8	0.2	96	8	20
20800	22	200	10	0.2	62	8	50
20850	16	60	10	0.2	60	6	10
20900	18	60	8	0.2	32	6	10
20950	16	62	8	0.2	58	2	10
21000	22	78	8	0.2	42	2	10
21050	110	560	26	0.4	130	1	70
21100	26	74	10	0.2	18	2	10
21150	42	150	4	0.2	56	8	20
21200	18	68	4	0.2	44	4	10
21250	24	78	6	0.2	200	12	190
21300	20	74	4	0.2	38	6	20
21350	10	56	4	0.2	22	6	10
21400	16	62	8	0.2	22	4	10
21600E-21450N	8	48	8	0.2	14	2	10

SAMPLE  
 No.

Cu

Zn

Pb

Ag

As

Sb

Au

SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	Au
21600E-21500N	18	62	6	0.2	8	2	10
21550	16	58	4	0.2	6	1	10
21600	6	48	4	0.2	6	4	10
21650	24	72	4	0.2	4	2	10
21700	110	74	8	0.4	6	6	10
21750	26	110	6	0.2	4	2	10
21800	20	76	6	0.2	4	2	10
21850	10	56	4	0.2	1	6	10
21900	8	36	6	0.2	2	4	10
21950	82	66	4	0.2	4	6	10
21600E-22000N	22	64	2	0.2	4	6	10
BOIL 20310	26	110	38	2.0	2500	78	3800
SILT 10176	22	230	10	0.2	28	22	10
10179	20	170	10	0.2	36	26	10
10180	24	120	26	0.2	38	12	10
10181	24	130	6	0.2	18	10	10
10183	30	98	4	0.2	2	6	10
10184	24	110	10	0.2	8	12	10
10187	22	100	4	0.2	1	10	10
24999	28	150	4	0.2	62	8	20
25000	38	160	1	0.4	54	6	10
35851	26	150	4	0.2	6	12	20
35852	26	120	4	0.2	6	2	10
SILT 35853	26	150	4	0.2	12	12	10

June 88

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

DATE RECEIVED: JUL 15 1988

DATE REPORT MAILED: July 21/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: S. PULP... HG ANALYSIS BY FLAMELESS AA.

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

NORANDA EXPLORATION PROJECT 326 3807-003 FILE # 88-2758 Page 1

SAMPLE# HG  
ppb

~~18200E 20000N 50~~

~~18200E 20050N 70~~

18200E 20100N 190

18200E 20150N 120

18200E 20200N 700

18200E 20250N 250

18200E 20300N 510

18200E 20350N 690

18200E 20400N 170

18200E 20450N 280

18200E 20500N 410

18200E 20550N 1700

18200E 20600N 210

18200E 20650N 260

18200E 20700N 120

18200E 20750N 230

18200E 20800N 800

18200E 20850N 190

18200E 20900N 530

18200E 20950N 10

18400E 20000N 80

18400E 20050N 130

18400E 20100N 110

18400E 20150N 80

18400E 20200N 230

18400E 20250N 360

18400E 20300N 350

18400E 20350N 140

18400E 20400N 70

18400E 20450N 190

18400E 20500N 1700

18400E 20550N 360

18400E 20600N 1000

18400E 20650N 730

18400E 20700N 730

18400E 20750N 130

SAMPLE#	HG ppb
18400E 20800N	90
18400E 20850N	40
18400E 20900N	70
18400E 20950N	100
18400E 21000N	210
18600E 20000N	6000 /
18600E 20050N	2300
18600E 20100N	1200
18600E 20150N	1480
<del>18600E 20200N</del>	<del>2500</del>
18600E 20250N	1600
18600E 20300N	2600
18600E 20350N	600
18600E 20400N	270
18600E 20450N	150
18600E 20500N	980
18600E 20550N	140
18600E 20600N	100
18600E 20650N	300
18600E 20700N	410
18600E 20750N	17000 8
18600E 20800N	180
18600E 20850N	40
18600E 20900N	150
18600E 20950N	50
18600E 21000N	130 v
18800E 20000N	70
18800E 20050N	40
18800E 20150N	660
18800E 20200N	480
18800E 20250N	180
18800E 20300N	570
18800E 20350N	180
18800E 20400N	1300 2
18800E 20450N	3600
18800E 20500N	60

SAMPLE#	HG ppb
18800E 20550N	100
18800E 20600N	100
18800E 20650N	240
18800E 20700N	450
18800E 20750N	140
18800E 20800N	210
18800E 20850N	230
18800E 20900N	140
18800E 20950N	50
<del>18800E 21000N</del>	<del>60</del>
18800E 21050N	120
18800E 21100N	1000
18800E 21150N	- N.S.
18800E 21200N	40
18800E 21250N	50
18800E 21300N	60
18800E 21350N	140
18800E 21400N	1000
18800E 21500N	1100
18800E 21550N	30
18800E 21650N	280
18800E 21700N	270
18800E 21750N	90
18800E 21800N	110
18800E 21850N	590
18800E 21900N	30
18800E 21950N	40
18800E 22000N	30
19000E 20000N	30
19000E 20050N	60
19000E 20100N	50
19000E 20200N	350
19000E 20250N	3700
19000E 20300N	230
19000E 20350N	150 6
19000E 20400N	310

SAMPLE#	HG ppb
19000E 20450N	260
19000E 20500N	130
19000E 20550N	40
19000E 20600N	30
19000E 20650N	40
19000E 20700N	100
19000E 20750N	240
19000E 20800N	200
19000E 20850N	130
<del>19000E 20900N</del>	<del>70</del>
19000E 20950N	210
19000E 21000N	80
19000E 21050N	40
19000E 21100N	130
19000E 21250N	150
19000E 21300N	310
19000E 21400N	650
19000E 21500N	7200 5
19000E 21550N	600
19000E 21650N	440
19000E 21700N	400
19000E 21750N	90
19000E 21800N	100
19000E 21850N	260
19000E 21900N	140
19000E 21950N	300
19000E 22000N	80
19200E 20000N	20
19200E 20050N	120
19200E 20100N	20
19200E 20150N	70
19200E 20200N	390
19200E 20350N	280
19200E 20400N	50
19200E 20450N	80
19200E 20500N	130

SAMPLE#	HG ppb
19200E 20550N	20
19200E 20600N	50
19200E 20650N	40
19200E 20700N	240
19200E 20750N	130
19200E 20800N	70
19200E 20850N	210
19200E 20900N	40
19200E 20950N	40
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19200E 21100N	330
19200E 21150N	90
19200E 21250N	100
19200E 21300N	110
19200E 21350N	120
19200E 21400N	180
19200E 21450N	260
19200E 21500N	250
19200E 21650N	570
19200E 21750N	1900
19200E 21800N	2400
19200E 21850N	170
19200E 21900N	20
19200E 21950N	30
19400E 20000N	70
19400E 20050N	180
19400E 20050N	270
19400E 20100N	140
19400E 20150N	60
19400E 20200N	20
19400E 20250N	30
19400E 20300N	50
19400E 20350N	420
19400E 20450N	370
19400E 20500N	20

SAMPLE#	HG ppb
19400E 20550N	70
19400E 20600N	30
19400E 20650N	20
19400E 20700N	40
19400E 20750N	20
19400E 20800N	10
19400E 20850N	20
19400E 20900N	40
19400E 20950N	70
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19400E 21050N	60
19400E 21100N	390
19400E 21150N	360
19400E 21350N	300
19400E 21450N	250
19400E 21500N	320
19400E 21750N	30
19400E 21800N	20
19400E 21850N	30
19400E 21900N	90
19400E 21950N	20
19400E 22000N	10
19600E 20000N	360
19600E 20050N	440
<del>19600E 20100N</del>	<del>160</del>
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19600E 20200N	320
19600E 20250N	60
19600E 20300N	40
19600E 20350N	30
19600E 20400N	170
19600E 20500N	50
19600E 20550N	70
19600E 20600N	60
19600E 20650N	30
19600E 20700N	50

SAMPLE#	HG ppb
19600E 20750N	30
19600E 20800N	40
19600E 20850N	60
19600E 20900N	50
19600E 20950N	180
19600E 21000N	110
19600E 21050N	380
19600E 21100N	80
19600E 21150N	70
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19600E 21250N	430
19600E 21350N	60
19600E 21400N	240
19600E 21700N	60
19600E 21800N	20
19600E 21850N	10
19600E 21900N	40
19600E 21950N	20
19600E 22000N	10
19800E 10000N	6500
19800E 20050N	100
19800E 20100N	180
19800E 20150N	230
19800E 20200N	110
19800E 20250N	40
19800E 20300N	100
19800E 20350N	50
19800E 20400N	190
19800E 20450N	300
19800E 20500N	110
19800E 20550N	210
19800E 20600N	330
19800E 20650N	230
19800E 20700N	80
19800E 20750N	60
19800E 20800N	50

SAMPLE#	HG ppb
19800E 20850N	40
19300E 20900N	50
19800E 20950N	50
19800E 21000N	30
19800E 21050N	30
19800E 21100N	60
19800E 21150N	50
19800E 21200N	40
19800E 21250N	20
<del>19800E 21300N</del>	<del>30</del>
19800E 21350N	100
19800E 21400N	30
19800E 21450N	110
19800E 21500N	100
19800E 21550N	280
19800E 21600N	120
19800E 21650N	110
19800E 21700N	40
19800E 21750N	20
19800E 21800N	40
19800E 21850N	50
19800E 21900N	20
19800E 21950N	10
19800E 22000N	10
20000E 20000N	460
20000E 20050N	120
20000E 20100N	250
20000E 20150N	210
20000E 20200N	110
20000E 20250N	1050
20000E 20300N	1600
20000E 20350N	160
20000E 20400N	90
20000E 20450N	320
20000E 20500N	220
20000E 20550N	40

SAMPLE#	HG ppb
20000E 20600N	3300
20000E 20650N	110
20000E 20750N	50
20000E 20800N	40
20000E 20850N	60
20000E 20900N	70
20000E 20950N	120
20000E 21000N	80
20000E 21050N	100
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20000E 21150N	380
20000E 21200N	320
20000E 21250N	550 3
20000E 21300N	1300
20000E 21350N	120
20000E 21400N	80
20000E 21500N	80
20000E 21550N	40
20000E 21600N	30
20000E 21650N	110
20000E 21700N	70
20000E 21750N	260
20000E 21800N	40
20000E 21850N	30
20000E 21900N	170
20000E 21950N	30
20000E 22000N	40
20200E 20000N	50
20200E 20050N	70
20200E 20100N	80
20200E 20150N	160
20200E 20200N	90
20200E 20250N	80
20200E 20300N	60
20200E 20350N	90
20200E 20400N	50

SAMPLE#	HG ppb
20200E 20450N	50
20200E 20500N	40
20200E 20550N	60
20200E 20600N	320
20200E 20650N	40
20200E 20700N	60
20200E 20750N	270
20200E 20800N	90
20200E 20850N	180
20200E 20900N	80
20200E 20950N	40
20200E 21000N	30
20200E 21050N	50
20200E 21100N	60
20200E 21150N	190
20200E 21300N	30
20200E 21400N	50
20200E 21500N	60
20200E 21550N	70
20200E 21600N	40
20200E 21650N	50
20200E 21700N	130
20200E 21750N	50
20200E 21800N	60
20200E 21850N	30
20200E 21900N	50
20200E 21950N	150
20200E 22000N	40
20400E 20000N	560
20400E 20050N	270
20400E 20100N	90
20400E 20150N	60
20400E 20200N	40
20400E 20250N	30
20400E 20300N	40
20400E 20350N	50

SAMPLE#	HG ppb
20400E 20400N	380
20400E 20450N	110
20400E 20500N	230
20400E 20550N	130
20400E 20600N	290
20400E 20650N	70
20400E 20700N	80
20400E 20800N	220
20400E 20850N	50
20400E 20900N	70
20400E 20950N	50
20400E 21000N	40
20400E 21050N	60
20400E 21100N	80
20400E 21150N	120
20400E 21300N	20
20400E 21450N	20
20400E 21500N	40
20400E 21550N	30
20400E 21600N	40
20400E 21650N	50
20400E 21700N	60
20400E 21750N	30
20400E 21800N	60
20400E 21850N	80
20400E 21950N	130
20400E 22000N	120
20600E 20000N	60
20600E 20050N	90
20600E 20100N	350
20600E 20150N	140
20600E 20250N	60
20600E 20300N	70
20600E 20350N	150
20600E 20400N	180
20600E 20450N	110

SAMPLE#	HG ppb
20600E 20500N	80
20600E 20550N	50
20600E 20600N	20
20600E 20650N	220
20600E 20700N	110
20600E 20750N	230
20600E 20850N	30
20600E 20900N	20
20600E 20950N	20
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20600E 21100N	20
20600E 21150N	40
20600E 21200N	100
20600E 21250N	30
20600E 21450N	100
20600E 21500N	40
20600E 21550N	140
20600E 21600N	70
20600E 21650N	20
20600E 21700N	30
20600E 21750N	70
20600E 21850N	500
20600E 21900N	180
20600E 21950N	160
20600E 22000N	270
20800E 20000N	60
20800E 20050N	120
20800E 20100N	30
20800E 20150N	720
20800E 20200N	340
20800E 20250N	90
20800E 20300N	50
20800E 20350N	60
20800E 20400N	50
20800E 20450N	30

SAMPLE#	HG ppb
20800E 20500N	20
20800E 20550N	30
20800E 20600N	60
20800E 20650N	100
20800E 20700N	140
20800E 20750N	50
20800E 20800N	40
20800E 20850N	150
<del>20800E 20900N</del>	<del>40</del>
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20800E 21000N	20
20800E 21050N	30
20800E 21100N	50
20800E 21150N	- N.S.
20800E 21250N	- N.S.
20800E 21300N	1050
20800E 21350N	920
20800E 21400N	40
20800E 21450N	50
20800E 21500N	30
20800E 21550N	70
20800E 21600N	80
20800E 21650N	100
20800E 21700N	30
20800E 21750N	50
20800E 21800N	320
20800E 21850N	380
20800E 21900N	- N.S.
20800E 21950N	460
20800E 22000N	730
21000E 20000N	300
21000E 20050N	270
21000E 20100N	110
21000E 20150N	100
21000E 20200N	110
21000E 20250N	1900 #
21000E 20300N	210

SAMPLE#	HG ppb
21000E 20350N	30
21000E 2040N	60
21000E 20450N	40
21000E 20500N	50
21000E 20550N	40
21000E 20600N	100
21000E 20650N	110
21000E 20700N	130
21000E 20750N	40
<del>21000E 20800N</del>	<del>30</del>
21000E 20850N	20
21000E 20900N	40
21000E 20950N	40
21000E 21000N	30
21000E 21050N	60
21000E 21100N	90
21000E 21150N	200
21000E 21200N	90
21000E 21250N	3500
21000E 21300N	2700
21000E 21350N	200
21000E 21400N	90
21000E 21450N	780
21000E 21500N	1200
21000E 21550N	140
21000E 21600N	90
21000E 21650N	50
21000E 21700N	30
21000E 21750N	310
21000E 21800N	680
21000E 21850N	180
21000E 21900N	160
21000E 21950N	140
21000E 22000N	70
21000E 22000N	60
21000E 22050N	170

SAMPLE#	HG ppb
21200E 20100N	320
21200E 20150N	130
21200E 20200N	60
21200E 20250N	120
21200E 20300N	40
21200E 20350N	100
21200E 20400N	60
21200E 20450N	50
21200E 20500N	30
21200E 20550N	150
21200E 20600N	80
21200E 20650N	500
21200E 20700N	350
21200E 20750N	320
21200E 20800N	160
21200E 20850N	110
21200E 20900N	120
21200E 20950N	110
21200E 21000N	90
21200E 21050N	270
21200E 21100N	380
21200E 21150N	520
21200E 21200N	1400
21200E 21250N	3200
21200E 21300N	3500
21200E 21350N	12000
21200E 21400N	13400
21200E 21450N	2100
21200E 21500N	950
21200E 21550N	1300
21200E 21600N	410
21200E 21650N	120
21200E 21700N	150
21200E 21750N	310
21200E 21800N	230
21200E 21850N	190

SAMPLE#	HG ppb
21200E 21900N	40
21200E 21950N	110
21200E 22000N	70
21400E 20000N	100
21400E 20050N	110
21400E 20100N	210
21400E 20150N	190
21400E 20200N	80
21400E 20250N	50
<del>21400E 20300N</del>	<del>80</del>
21400E 20350N	70
21400E 20400N	80
21400E 20450N	510
21400E 20500N	200
21400E 20550N	680
21400E 20600N	110
21400E 20650N	60
21400E 20700N	100
21400E 20750N	90
21400E 20800N	430
21400E 20850N	150
21400E 20900N	160
21400E 20950N	180
21400E 21000N	200
21400E 21050N	270
21400E 21100N	880
21400E 21150N	730
21400E 21200N	750
21400E 21250N	540
21400E 21300N	140
21400E 21350N	150
21400E 21400N	350
21400E 21450N	480
21400E 21500N	210
21400E 21550N	200
21400E 21600N	390

SAMPLE#	HG ppb
21400E 21650N	460
21400E 21700N	140
21400E 21300N	80
21400E 21850N	30
21400E 21900N	60
21400E 21950N	50
21400E 22000N	40
21600E 20000N	110
21600E 20050N	70
<del>21600E 20100N</del>	<del>250</del>
21600E 20150N	80
21600E 20200N	140
21600E 20250N	150
21600E 20300N	130
21600E 20350N	220
21600E 20400N	360
21600E 20450N	5500
21600E 20500N	130
21600E 20550N	80
21600E 20600N	5800
21600E 20650N	270
21600E 20700N	180
21600E 20750N	460
21600E 20800N	910
21600E 20850N	1600
21600E 20900N	530
21600E 20950N	1500
21600E 21000N	1300
21600E 21050N	4300
21600E 21100N	3300
21600E 21150N	4300
21600E 21200N	100
21600E 21250N	200
21600E 21300N	140
21600E 21350N	150
21600E 21400N	100

SAMPLE#	HG ppb
21600E 21440N	70
21600E 21500N	100
21600E 21550N	60
21600E 21600N	40
21600E 21650N	60
21600E 21700N	500
21600E 21750N	50
21600E 21800N	40
21600E 21850N	70
<del>21600E 21900N</del>	<del>50</del>
21600E 21950N	50
21600E 22000N	100
20310	4100

SAMPLE#	HG ppb
10176	300
10179	180
10180	90
10181	600
10183	210
10184	250
10187	160
24999	370
25000	380
<del>35851</del>	<del>290</del>
35852	300
35853	290

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: BREWERY CREEK

CODE : 8809-016

Project No. : 327

Sheet: 1 of 5

Date rec'd: SEP. 02

Material : 241 SOILS

Geol.: G.M.

Date compl: SEP. 20

Remarks :

Values in PPM, except where noted.

T.	SAMPLE No.	PPM						
		Cu	Zn	Pb	Ag	As	Sb	Au
2	18300E-19500N	22	94	16	1.0	26	4	10
3	19550	20	66	10	0.2	4	2	10
4	19600	12	60	8	0.2	44	2	10
5	19650	20	78	10	0.2	1	1	10
6	19700	38	130	2	0.4	240	160	10 ?
7	19750	22	66	6	1.0	6	4	10
8	19800	22	100	8	0.2	18	14	10
9	19850	14	66	4	0.2	6	6	10
10	19900	16	58	4	0.2	6	8	10
	19950	12	48	6	0.2	8	6	10
	20000	18	64	6	0.2	14	14	10
	20050	26	88	10	0.2	42	44	10
	20100	22	72	6	0.4	70	28	40
	20150	16	64	6	0.6	66	38	30
	20200	10	66	6	0.4	36	28	10
	20250	14	74	6	0.2	34	6	10
	20300	10	56	10	0.2	38	6	10
	20350	22	90	10	0.8	18	4	10
	20400	16	88	8	0.2	40	4	10
	20450	12	120	20	0.2	66	6	10
	18300E-20500N	12	96	4	0.8	1	6	10
	18500E-19500N	20	110	10	0.6	1	1	10
	19550	18	74	14	1.2	1	4	10
	19600	34	130	12	1.2	1	4	10
	19650	38	62	28	1.2	1	4	10
	19700	30	100	6	0.2	1	2	10
	19750	34	250	14	0.6	34	46	40
	19800	18	92	8	0.4	20	22	10
	19850	16	130	12	0.2	26	36	10
	19900	50	170	46	1.0	110	80	60
	19950	42	170	20	0.2	36	28	10
	20000	16	74	10	0.2	50	56	30
	20050	38	190	140	0.2	60	68	40
	20100	30	88	10	0.4	170	120	90
	20150	16	86	10	0.4	300	200	270
	20200	22	140	10	0.6	32	20	20
	20250	30	250	12	0.2	80	40	20
	20300	12	84	6	0.2	12	1	10
	20350	18	120	8	0.4	70	2	20
	20400	12	70	8	0.2	8	1	10
	20450	16	66	10	0.4	18	1	10
	18500E-20500N	16	100	12	0.6	8	1	10
	18700E-20000N	18	96	18	0.2	1	1	10
	20050	26	190	8	0.4	10	28	20
	20100	24	130	12	0.4	220	62	140
	20150	36	190	14	0.8	400	94	270
	20200	22	190	16	0.4	710	92	280
	18700E-20250N	18	170	14	0.2	200	40	--

L. T. PPB 8809-016  
 No. Au Pg. 2 of 5

	SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	
50	18700E-20300N	22	64	6	0.2	24	6	20
51	20350	18	84	8	0.2	38	6	10
52	20400	32	100	4	0.6	12	8	20
53	20450	44	260	8	0.4	38	22	10
54	20500	40	140	10	1.6	150	22	100
55	20550	46	160	12	1.2	200	48	100
56	20600	22	86	8	0.2	200	18	30
57	20650	8	72	8	0.2	170	20	10
58	20700	26	130	12	0.2	570	46	60
59	20750	20	88	6	0.6	160	10	90
60	20800	22	80	10	1.0	270	14	120
61	20850	26	120	10	0.2	160	8	10
62	20900	16	74	2	0.2	2	6	10
63	20950	20	82	6	0.4	2	1	10
64	18700E-21000N	36	120	10	0.4	6	1	10
65	18900E-20000N	40	290	94	0.2	42	62	10
66	20050	20	250	110	0.6	10	48	10
67	20100	34	180	96	2.2	16	44	10
68	20150	44	250	28	0.6	810	2400	390
69	20200	26	210	30	0.6	680	140	300
70	20250	34	190	16	0.6	200	160	60
71	20300	28	78	8	0.8	88	150	70
72	20350	22	88	8	0.4	78	40	50
73	20400	32	110	8	0.6	110	66	60
74	20450	28	86	6	0.2	77	12	40
75	20500	22	70	4	0.4	40	10	10
76	20550	28	80	6	0.2	38	8	10
77	20600	24	74	6	0.2	60	4	10
78	20650	20	82	12	0.2	170	10	20
79	20700	14	58	10	0.2	120	10	40
80	20750	12	64	16	0.2	200	8	50
81	20800	24	62	14	0.6	360	32	110
82	20850	14	78	10	0.2	110	10	10
83	20900	20	110	30	0.2	760	20	340
84	20950	14	78	12	0.2	40	2	10
85	18900E-21000N	14	130	30	0.2	600	12	60
86	19500E-19500N	26	110	10	0.2	8	2	10
87	19550	22	130	10	0.2	10	6	10
88	19600	48	210	34	1.6	18	8	10
89	19650	22	190	20	0.2	360	10	10
90	19700	18	70	4	0.2	1	2	10
91	19750	30	260	18	0.6	90	452	30
92	19800	26	110	16	0.4	470	520	170
93	19850	14	94	60	0.6	150	120	10
94	19900	18	82	12	0.2	250	390	80
95	19950	26	100	8	0.2	160	120	50
96	20000	24	120	14	0.2	260	270	50
97	20050	26	86	8	0.2	160	220	70
98	20100	18	100	12	0.2	410	330	180
99	20150	18	80	8	0.2	170	100	70
100	CHECK NL-6	48	140	60	1.0	82	36	-
101	20200	16	66	6	0.2	30	20	10
102	19500E-20250N	22	68	6	0.2	4	8	10
103	19700E-19500N	20	100	16	0.6	8	1	10
104	19550	30	110	12	0.2	14	2	10
105	19600	18	100	16	0.2	8	6	10
106	19700E-19650N	22	110	16	0.2	110	20	10

T.	SAMPLE No.	PPB 8809-016						
		Cu	Zn	Pb	Ag	As	Sb	Au Pg. 3 of 5
7	19700E-19700N	36	220	31	1.0	28	20	20
8	19750	42	160	16	0.6	92	80	30
9	19800	22	120	10	0.4	100	62	30
0	19850	22	120	10	0.6	310	170	220
1	19900	14	66	8	0.2	100	120	30
2	19950	18	90	8	0.2	200	90	130
3	20000	18	80	8	0.2	4	6	10
4	20050	24	120	6	0.2	12	12	10
5	20100	14	110	8	0.4	16	16	10
6	20150	40	140	8	0.4	14	18	10
7	20200	24	340	10	1.8	36	120	10
8	19700E-20250N	18	92	8	0.2	2	6	10
9	19900E-19500N	14	70	8	0.2	1	6	10
	19550	32	190	20	1.0	38	36	10
	19600	28	130	58	2.6	86	16	10
	19650	34	170	56	0.6	170	20	20
	19700	24	20	12	0.2	60	70	10
	19750	28	120	12	0.6	220	900✓	80
	19800	26	180	18	0.6	210	350	80
	19850	22	160	20	0.4	120	50	80
	19900	22	150	16	0.2	90	88	40
	19950	16	190	18	0.4	92	86	10
	20000	16	120	8	0.2	110	54	10
	20050	16	220	10	0.6	130	90	10
	20100	10	220	12	0.2	140	80	20
	20150	10	240	10	0.2	82	44	10
	20200	24	130	10	0.6	42	22	10
	20250	40	220	14	1.0	54	20	10
	20300	24	84	6	0.2	18	10	10
	20350	22	100	8	0.2	4	8	10
	20400	14	66	6	0.2	8	8	10
	20450	28	180	10	0.4	22	10	10
	19900E-20500N	20	100	8	0.2	14	10	20
	20100E-19500N	32	190	58	0.4	28	24	10
	19550	34	120	34	0.8	20	18	10
	19600	26	110	30	0.8	20	16	10
	19650	16	84	12	0.2	16	10	10
	19700	22	210	8	0.2	96	48	40
	19750	16	200	6	0.2	94	36	30
	19800	76	170	4	4.6	400	290	110
	19850	14	180	18	1.2	60	44	30
	19900	28	390	48	0.4	140	90	10
	19950	12	130	20	1.8	100	32	10
	20000	12	110	20	1.0	260	130	100
	20050	12	200	18	0.6	140	50	10
	20100	18	210	40	2.0	190	64	10
	20150	22	270	16	1.4	46	6	10
	20200	26	140	16	0.6	48	16	10
	20250	20	200	30	1.4	80	12	10
	20300	48	210	20	1.0	86	12	10
	20350	36	260	48	1.0	82	18	10
	20400	26	78	12	0.2	22	6	10
	20450	28	100	12	0.8	18	2	10
	20100E-20500N	16	120	10	0.4	8	1	10
	20900E-19750N	22	100	16	0.2	18	110	30
	19800	14	84	14	0.2	280	100	360
	20900E-19850N	26	200	66	0.8	1400	200	2200

T. SAMPLE PPB 8809-016  
 No. Cu Zn Pb Ag As Sb Au Pg. 4 of 5

6	20900E-19900N	12	150	12	0.2	180	12	120
7	19950	14	190	30	0.4	310	40	180
8	20000	14	120	12	0.2	110	12	80
9	20050	14	130	14	0.2	240	52	140
0	20100	14	88	8	0.2	70	4	100
1	20150	12	64	12	0.4	96	10	20
2	20200	20	130	18	1.0	32	8	10
3	20250	20	150	12	0.4	10	2	10
4	20300	16	120	10	0.2	14	1	10
5	20350	20	94	8	0.2	2	2	10
6	20400	14	150	10	0.2	12	2	10
7	20450	16	68	6	0.2	6	2	10
8	20900E-20500N	30	390	10	0.8	42	4	10
9	21100E-19750N	16	64	10	0.2	130	30	160
0	19800	20	130	14	0.2	320	60	200
1	19850	34	110	20	1.2	220	60	300
2	19900	14	76	12	0.2	84	20	20
3	19950	14	92	14	0.2	56	30	10
4	20000	14	130	16	0.6	68	12	10
5	20050	16	84	8	0.2	60	6	30
6	20100	14	120	8	0.2	20	2	10
7	20150	20	190	10	0.2	44	4	10
8	20200	14	230	14	0.6	36	2	10
9	20250	22	210	12	0.2	46	4	10
0	20300	54	450	20	0.2	110	12	10
1	20350	28	580	26	0.2	60	2	10
2	20400	32	400	22	0.2	50	4	10
3	20450	26	440	14	0.2	62	2	10
4	21100E-20500N	40	580	26	0.2	76	2	10
5	RL24-5000N	150	2400	10	2.2	34	12	10
6	5100	54	230	8	0.4	26	8	10
7	5200	50	250	8	0.2	22	4	10
8	5300	84	2100	38	1.6	62	4	10
9	5400	88	160	4	0.6	34	6	10
0	5500	80	390	10	0.8	32	4	10
1	5600	130	350	16	1.4	72	2	10
2	5700	48	110	10	0.6	24	2	10
3	5800	96	160	22	0.2	28	6	10
4	5900	46	100	8	0.2	24	1	10
5	6000	18	120	12	0.2	6	2	10
6	6100	16	120	26	0.2	12	2	10
7	6200	16	68	6	0.2	18	2	10
8	6300	2	130	16	0.2	18	4	10
9	6400	60	170	12	0.4	60	8	10
0	6500	20	240	6	0.6	34	2	10
1	6600	24	340	8	0.2	26	4	10
2	6700	18	360	6	0.6	12	4	10
3	6800	16	94	10	0.4	14	1	10
4	6900	34	320	8	0.4	16	1	10
5	7000	30	160	54	1.8	90	18	10
6	7100	14	200	12	0.2	10	2	10
7	7200	28	160	14	0.4	14	4	10
8	7300	50	570	10	1.2	18	8	10
9	7400	32	270	10	1.0	16	4	20
0	7500	50	570	6	2.0	62	14	10
1	7600	62	1800	12	3.6	12	8	20
2	RL24-7700N	46	190	8	0.6	110	10	10

T.

SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	PPB 8809-016	
							Au	Pg. 5 of 5
RL24-7800N	32	360	10	3.6	20	4	10	
7900	36	380	6	1.4	10	6	10	
8000	12	130	8	0.2	12	4	10	
8100	16	92	4	0.2	8	2	20	
8200	18	150	8	0.6	98	2	20	
8300	50	360	20	0.6	6	4	20	
8400	50	130	22	0.2	72	10	10	
8500	22	88	12	0.2	16	4	10	
8500	18	100	16	0.2	1	6	10	
8700	34	110	30	0.2	26	2	10	
8800	22	270	10	0.4	12	4	10	
8900	36	86	6	0.2	10	4	10	
9000	24	84	8	0.2	14	1	10	
9100	18	78	8	0.2	12	1	10	
9200	12	50	18	0.2	2	1	10	
9300	12	86	12	0.2	12	1	10	
9400	18	220	22	0.2	12	1	10	
9500	22	78	10	0.2	8	2	10	
9600	22	18	18	0.6	28	8	20	
9700	26	12	12	0.2	14	4	10	
9800	22	8	8	0.6	14	2	10	
9900	14	10	10	0.2	8	2	10	
RL24-10000N	16	8	8	0.2	8	1	10	

Brewery ch (GM)

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

DATE RECEIVED: SEP 28 1988

DATE REPORT MAILED: *Oct. 5/88..*

### GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: S. PULP HG ANALYSIS BY FLAMELESS AA.

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

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SAMPLE#	HG ppb
18300E 19500N	20
18300E 19550N	30
18300E 19600N	60
18300E 19650N	170
18300E 19700N	340
18300E 19750N	100
18300E 19800N	40
18300E 19850N	20
18300E 19900N	60
18300E 19950N	30
18300E 20000N	20
18300E 20050N	40
18300E 20100N	110
18300E 20150N	120
18300E 20200N	60
18300E 20250N	250
18300E 20300N	150
18300E 20350N	620
18300E 20400N	150
18300E 20450N	60
18300E 20500N	300
18500E 19500N	70
18500E 19550N	20
18500E 19600N	230
18500E 19650N	380
18500E 19700N	80
18500E 19750N	600
18500E 19800N	170
18500E 19850N	80
18500E 19900N	860
18500E 19950N	350
18500E 20000N	120
18500E 20050N	280
18500E 20100N	300
18500E 20150N	880
18500E 20200N	460

*Oct 1988*

SAMPLE#	HG ppb
18500E 20250N	800
18500E 20300N	200
18500E 20350N	840
18500E 20400N	40
18500E 20450N	190
18500E 20500N	210
18700E 20000N	80
18700E 20050N	430
18700E 20100N	580
18700E 20150N	1100
18700E 20200N	430
18700E 20250N	130
18700E 20300N	150
18700E 20350N	120
18700E 20400N	790
18700E 20450N	500
18700E 20500N	4300
18700E 20550N	4100
18700E 20600N	60
18700E 20650N	20
18700E 20700N	170
18700E 20750N	1400
18700E 20800N	2000
18700E 20850N	150
18700E 20900N	80
18700E 20950N	50
18700E 21000N	40
18900E 20000N	80
18900E 20050N	70
18900E 20100N	210
18900E 20150N	1500
18900E 20200N	1100
18900E 20250N	1200
18900E 20300N	920
18900E 20350N	780
18900E 20400N	720

SAMPLE#	HG ppb
18900E 20450N	470
18900E 20500N	230
18900E 20550N	220
18900E 20600N	180
18900E 20650N	180
18900E 20700N	150
18900E 20750N	160
18900E 20800N	280
18900E 20850N	60
18900E 20900N	250
18900E 20950N	100
18900E 21000N	160
19500E 19500N	80
19500E 19550N	60
19500E 19600N	530
19500E 19650N	20
19500E 19700N	30
19500E 19750N	290
19500E 19800N	460
19500E 19850N	50
19500E 19900N	190
19500E 19950N	210
19500E 20000N	170
19500E 20050N	250
19500E 20100N	320
19500E 20150N	100
19500E 20200N	30
19500E 20250N	30
19700E 19500N	50
19700E 19550N	60
19700E 19600N	60
19700E 19650N	110
19700E 19700N	160
19700E 19750N	470
19700E 19800N	540
19700E 19850N	640

SAMPLE#	HG ppb
19700E 19900N	100
19700E 19950N	90
19700E 20000N	70
19700E 20050N	180
19700E 20100N	60
19700E 20150N	460
19700E 20200N	150
19700E 20250N	130
19900E 19500N	20
19900E 19550N	70
19900E 19600N	210
19900E 19650N	140
19900E 19700N	230
19900E 19750N	580
19900E 19800N	550
19900E 19850N	350
19900E 19900N	290
19900E 19950N	120
19900E 20000N	80
19900E 20050N	80
19900E 20100N	50
19900E 20150N	50
19900E 20200N	590
19900E 20250N	1700
19900E 20300N	130
19900E 20350N	240
19900E 20400N	50
19900E 20450N	530
19900E 20500N	250
20100E 19500N	120
20100E 19550N	320
20100E 19600N	200
20100E 19650N	60
20100E 19700N	260
20100E 19750N	240
20100E 19800N	5200

SAMPLE#	HG ppb
20100E 19850N	490
20100E 19900N	110
20100E 19950N	100
20100E 20000N	140
20100E 20050N	50
20100E 20100N	160
20100E 20150N	120
20100E 20200N	170
20100E 20250N	330
20100E 20300N	440
20100E 20350N	320
20100E 20400N	60
20100E 20450N	340
20100E 20500N	30
20900E 19750N	290
20900E 19800N	170
20900E 19850N	820
20900E 19900N	120
20900E 19950N	150
20900E 20000N	140
20900E 20050N	110
20900E 20100N	130
20900E 20150N	60
20900E 20200N	560
20900E 20250N	70
20900E 20300N	60
20900E 20350N	50
20900E 20400N	30
20900E 20450N	20
20900E 20500N	80
21100E 19750N	210
21100E 19800N	250
21100E 19850N	560
21100E 19900N	60
21100E 19950N	60
21100E 20000N	50

61	18200E-18000N	32	76	12	0.2	12	1	1	10
62	18050	20	72	8	0.2	180	1	4	60
63	18100	24	78	8	0.2	18	1	4	10
64	18150	22	76	6	0.2	150	1	2	10
65	18200	16	54	6	0.2	84	1	2	20
66	18250	14	52	6	0.2	44	1	4	10
67	18300	22	120	6	0.2	50	1	4	10
68	18350	10	58	8	0.2	16	4	6	10
69	18450	38	90	2	0.2	2	1	8	10
70	18500	18	54	18	0.2	24	2	2	10
71	18550	16	46	10	0.2	18	4	4	10
72	18600	24	70	8	0.2	12	2	2	10
73	18650	26	74	20	0.2	6	1	10	10
74	18700	24	52	10	0.2	24	1	6	10
75	18750	24	68	8	0.2	28	1	8	10
76	18800	18	68	12	0.2	40	1	1	10
77	18850	12	58	14	0.2	18	1	4	10
78	18900	42	80	8	0.2	1	1	2	10
79	18950	14	40	14	0.2	12	1	4	10
80	19000	8	50	10	0.2	1	1	2	10
81	19050	14	52	10	0.2	1	1	4	10
82	19100	8	62	8	0.2	1	1	2	10
83	19150	14	130	8	0.2	2	1	4	10
84	19200	8	82	6	0.2	1	1	4	10
85	19250	16	60	8	0.2	1	1	2	10
86	19300	12	50	8	0.2	1	1	2	10
87	19350	24	100	14	0.2	1	1	6	10
88	19400	18	50	8	0.2	72	1	2	20
89	19450	16	50	8	0.2	14	1	4	10
90	19500	12	68	10	0.2	14	1	6	10
91	19550	8	62	10	0.2	2	1	14	10
92	19600	16	100	10	0.2	1	1	12	10
93	19650	28	66	16	0.2	14	1	42	10
94	19700	24	180	12	0.2	52	1	20	10
95	19750	16	100	14	0.2	34	1	32	20
96	19800	16	84	10	0.2	40	1	48	10
97	19850	16	72	8	0.2	34	1	44	10
98	19900	14	70	8	0.2	34	1	78	10
99	19950	20	66	12	0.2	54	1	1	10
0	CHECK NL-6	46	140	60	0.2	90	20	34	-
1	19200E-21000N	24	62	6	0.2	10	1	2	20
2	1950E-20900N	14	62	8	0.2	300	1	8	120
3	20910	12	92	12	0.2	320	1	8	70
4	20920	16	74	10	0.2	380	1	6	120
5	20930	12	86	10	0.2	430	1	22	40
6	18950E-20940N	14	78	12	0.2	280	1	56	70

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	Sb	PPB 8808-085	
									Au	Pg. 3 of 4
10	18950E-20950N	22	220	18	0.2	280	4	6	60	
108	20960	14	70	16	0.2	140	2	4	60	
109	20970	6	54	12	0.2	140	1	8	20	
110	20980	10	76	16	0.2	210	1	22	10	
111	20990	18	70	26	0.2	720	1	16	660	
112	18950E-21000N	16	110	24	0.2	780	1	12	250	
113	19000E-20910N	12	130	26	0.2	450	1	1	20	
114	20920	12	68	14	0.2	140	1	2	10	
115	20930	14	68	12	0.2	120	1	1	20	
116	20940	18	78	14	0.2	130	1	6	30	
117	20960	20	68	10	0.2	290	1	2	140	
118	20970	22	68	10	0.2	120	1	16	50	
119	20980	14	60	26	0.2	950	1	2	930	
120	20990	16	62	10	0.2	220	1	4	80	
121	21010	14	64	12	0.2	450	1	12	110	
122	21020	16	88	18	0.2	870	1	6	200	
123	21030	28	210	18	0.2	110	1	4	10	
124	19000E-21040N	18	96	12	0.2	150	1	1	10	
125	19050E-20950N	22	82	16	0.2	988	1	2	10	
126	20960	16	62	10	0.2	110	1	1	60	
127	20970	16	60	10	0.2	100	1	2	30	
128	20980	16	56	8	0.2	100	1	20	80	
129	20990	18	92	16	0.2	2000	1	2	1200	
130	21000	16	58	8	0.2	950	1	12	340	
131	21010	18	94	14	0.2	1100	1	14	670	
13	21020	16	100	16	0.2	2100	1	10	2300	
132	21030	18	72	14	0.2	210	1	2	20	
134	21040	16	82	10	0.2	54	1	2	10	
135	21050	14	68	6	0.2	38	1	10	10	
136	21060	42	200	12	0.2	50	1	4	10	
137	21070	16	86	6	0.2	18	1	12	10	
138	21080	24	120	10	0.2	22	1	8	10	
139	21090	28	82	4	0.2	16	1	4	10	
140	19050E-21100N	18	52	4	0.2	1	1	8	10	
141	19100E-20950N	24	88	14	0.2	28	1	2	10	
142	20960	14	48	12	0.2	22	1	2	10	
143	20970	14	48	12	0.2	68	1	1	10	
144	20980	16	72	12	0.2	86	1	1	30	
145	20990	18	64	12	0.2	170	1	4	70	
146	21000	22	86	14	0.2	460	1	6	200	
147	21010	16	62	10	0.2	700	1	30	210	
148	21020	18	46	26	0.2	870	1	4	570	
149	21030	16	80	8	0.2	800	1	8	320	
150	CHECK NL-6	46	140	60	0.2	90	20	34	-	
151	21040	14	100	26	0.2	380	1	6	70	
152	21050	26	88	18	0.2	220	1	12	70	
153	21060	34	430	16	0.2	110	1	4	60	
154	21070	18	52	2	0.2	8	1	1	10	
155	21080	20	44	4	0.2	2	1	1	10	
156	21090	24	38	4	0.2	2	1	2	10	
157	19100E-21100N	24	74	6	0.2	16	1	1	10	
158	19150E-20950N	18	60	10	0.2	8	1	4	10	
159	20960	20	58	12	0.2	8	1	1	10	
160	20970	14	56	8	0.2	2	1	2	10	
161	20980	18	66	10	0.2	14	1	2	10	
162	20990	18	68	8	0.2	10	1	4	10	
163	19150E-21000N	12	50	10	0.2	20	1	2	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	Sb	PPB Au	8808-085 Pg. 4 of 4
16	19150E-21010N	24	60	12	0.2	24	1	2	20	
165	21020	14	46	8	0.2	28	1	1	10	
166	21030	16	64	10	0.2	100	1	10	30	
167	21040	24	78	14	0.2	540	1	6	200	
168	21050	20	56	12	0.2	290	1	2	150	
169	21060	16	74	12	0.2	970	1	6	340	
170	21070	14	70	12	0.2	540	1	4	80	
171	21080	20	66	14	0.2	490	1	2	160	
172	21090	12	64	8	0.2	38	1	6	10	
173	19150E-21100N	22	68	12	0.2	70	1	6	20	
174	21000N-18960E	14	64	10	0.2	330	1	22	140	
175	18970	18	120	28	0.2	1600	1	6	410	
176	18980	14	94	14	0.2	450	1	18	150	
177	18990	14	100	22	0.2	1000	1	12	250	
178	19010	16	86	22	0.2	1100	1	6	390	
179	19020	22	68	12	0.2	1100	1	20	400	
180	19030	20	86	20	0.2	2200	1	2	1700	
181	19040	22	70	12	0.2	410	1	1	290	
182	19060	8	42	8	0.2	500	1	2	200	
183	19070	24	58	12	0.2	630	1	2	470	
184	19080	16	68	14	0.2	470	1	10	220	
185	19090	38	140	24	0.2	460	1	2	90	
186	19110	22	72	12	0.2	150	1	4	40	
187	19120	38	200	20	0.2	130	8	1	20	
188	19130	52	160	16	0.2	24	12	1	10	
18	21000N-19140E	20	78	10	0.2	18	2	56	10	
190	SOIL 16928	60	140	1	0.2	5000	2	120	2900	
191	SOIL 35858	30	22	16	0.2	160	2	1600	120	
192	SOIL 35866	48	450	68	0.2	1000	2	44	2100	
193	SOIL 35869	30	200	14	0.2	270	1	4	290	
194	SOIL 35872	22	66	10	0.2	390	1	6	600	
195	SILT 16926	16	140	6	0.2	1	1	6	10	

SAMPLE#	HG ppb
18200E 18700N	30
18200E 18750N	10
18200E 18800N	5
18200E 18850N	5
18200E 18900N	60
18200E 18950N	20
18200E 19000N	30
18200E 19050N	30
18200E 19100N	10
18200E 19150N	10
18200E 19200N	5
18200E 19250N	10
18200E 19300N	5
18200E 19350N	20
18200E 19400N	30
18200E 19450N	20
18200E 19500N	30
18200E 19550N	10
18200E 19600N	30
18200E 19650N	70
18200E 19700N	400
18200E 19750N	70
18200E 19800N	50
18200E 19850N	50
18200E 19900N	80
18200E 19950N	130
18200E 21000N	40
18200E 20900N	170
18200E 20910N	110
18200E 20920N	80
18200E 20930N	100
18200E 20940N	160
18200E 20950N	380
18200E 20960N	160
18200E 20970N	100
18200E 20980N	130

SAMPLE#	HG ppb
18950E 20990N	420
18950E 21000N	300
19000E 20910N	220
19000E 20920N	160
19000E 20930N	90
19000E 20940N	100
19000E 20960N	80
19000E 20970N	130
19000E 20980N	1000
19000E 20990N	70
19000E 21010N	110
19000E 21020N	190
19000E 21030N	230
19000E 21040N	120
19050E 20950N	90
19050E 20960N	110
19050E 20970N	70
19050E 20980N	130
19050E 20990N	800
19050E 21000N	350
19050E 21010N	300
19050E 21020N	390
19050E 21030N	100
19050E 21040N	60
19050E 21050N	40
19050E 21060N	360
19050E 21070N	50
19050E 21080N	90
19050E 21090N	30
19050E 21100N	40
19100E 20950N	70
19100E 20960N	20
19100E 20970N	40
19100E 20980N	30
19100E 20990N	60
19100E 21000N	100

SAMPLE#	HG ppb
19100E 21010N	100
19100E 21020N	710
19100E 21030N	60
19100E 21040N	140
19100E 21050N	370
19100E 21060N	1600
19100E 21070N	170
19100E 21080N	140
19100E 21090N	120
19100E 21100N	40
19150E 20950N	30
19150E 20960N	50
19150E 20970N	20
19150E 20980N	20
19150E 20990N	30
19150E 21000N	10
19150E 21010N	50
19150E 21020N	10
19150E 21030N	40
19150E 21040N	420
19150E 21050N	230
19150E 21060N	250
19150E 21070N	100
19150E 21080N	300
19150E 21090N	130
19150E 21100N	720
2100N 18960E	120
2100N 18970E	550
2100N 18980E	70
2100N 18990E	320
2100N 19010E	240
2100N 19020E	320
2100N 19030E	1100
2100N 19040E	270
2100N 19060E	230
2100N 19070E	730

SAMPLE#	HG ppb
2100N 19080E	250
2100N 19090E	180
2100N 19110E	120
2100N 19120E	90
2100N 19130E	100
2100N 19140E	30
16926	80
16928	2000
35858	3700
35866	2700
35869	2700
35872	610

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: BREWERY CREEK

CODE : 8810-012

Project No. : 327

Sheet: 1 of 1

Date rec'd: SEPT 30

Material : 20 SOILS

Geol.: G.M.

Date compl:

Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	PPB						
		Cu	Zn	Pb	Ag	As	Sb	Au
183	18700E-21050N	24	60	8	0.8	18	1	10
184	21100	12	60	2	0.4	10	4	10
185	21150	22	100	10	0.2	32	2	10
186	21200	14	60	6	0.4	22	1	10
187	21250	14	60	4	0.4	8	4	10
188	21300	24	80	2	0.2	46	18	10
189	21350	38	110	2	0.2	18	2	10
190	21400	26	96	6	0.4	72	16	10
191	21450	64	240	1	0.8	32	2	10
192	21500	16	70	1	0.6	58	6	10
193	21550	26	60	1	0.4	22	2	10
194	21600	16	76	4	0.4	10	1	10
195	21650	34	72	6	0.4	34	1	10
196	21700	180	220	12	0.8	290	26	10
197	21750	22	64	6	0.2	26	6	10
198	21800	12	56	6	0.4	24	1	10
199	21850	18	68	6	0.2	28	2	10
200	21900	16	64	6	0.4	24	2	10
201	21950	22	72	6	0.4	20	2	10
202	18700E-22000N	54	88	8	0.4	26	4	10

4 Oct 1961 HP

Borewary Ck (GM)

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

DATE RECEIVED: OCT 19 1988

DATE REPORT MAILED: Oct. 20/88.

### GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: S. PULP HG ANALYSIS BY FLANLESS AA.

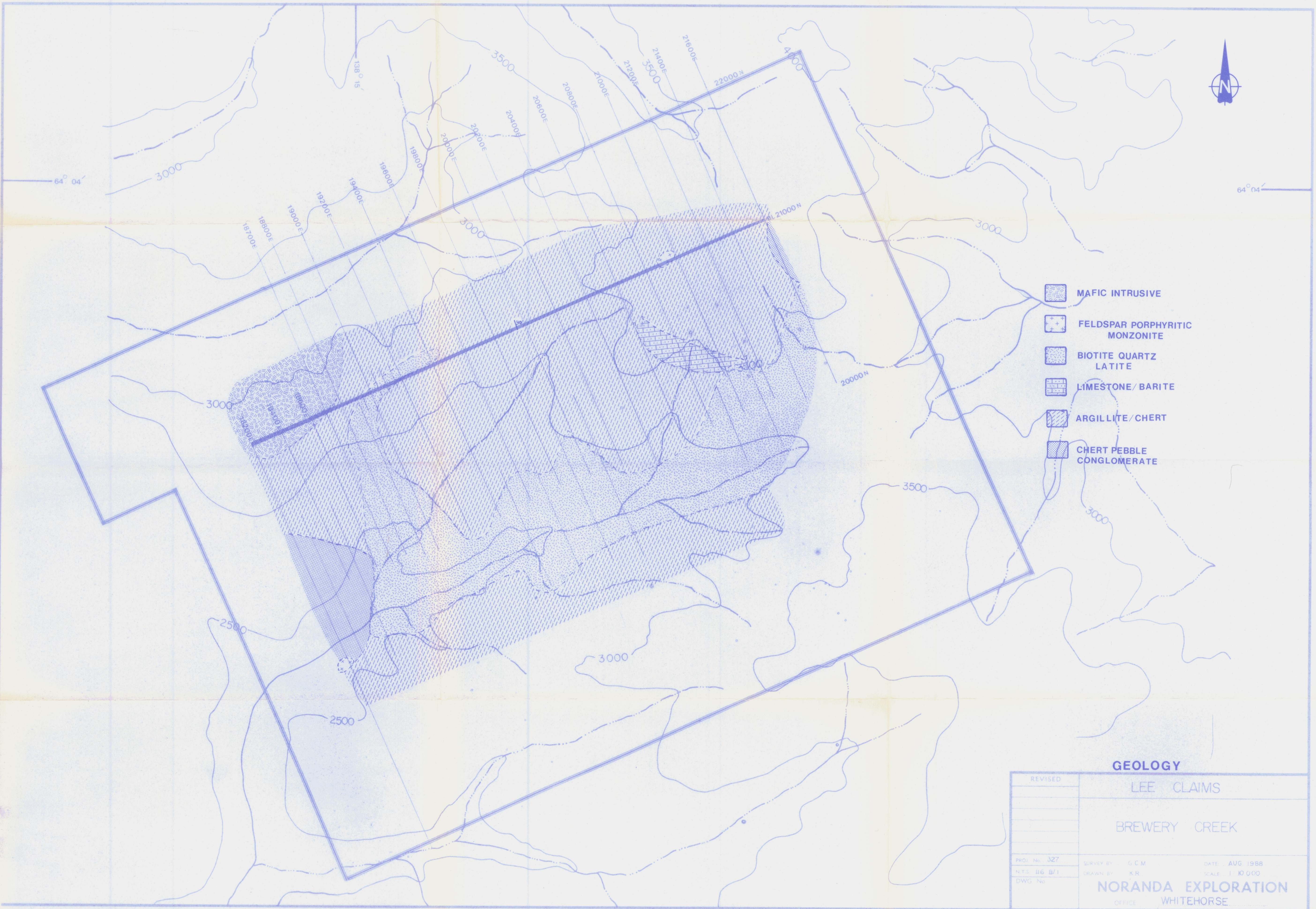
SIGNED BY *C. Long* D. TOYE, C. LEONG, B. CHAN, J. WANG; CERTIFIED B.C. ASSAYERS







NORANDA EXPLORATION PROJECT 327/8810-012 FILE # 88-5311

SAMPLE#	HG ppb
L18700E 21050N	20
L18700E 21100N	40
L18700E 21150N	70
L18700E 21200N	30
L18700E 21250N	30
L18700E 21300N	200
L18700E 21350N	1300
L18700E 21400N	280
L18700E 21450N	380
L18700E 21500N	300
L18700E 21550N	160
L18700E 21600N	120
L18700E 21650N	40
L18700E 21700N	210
L18700E 21750N	30
L18700E 21800N	40
L18700E 21850N	50
L18700E 21900N	30
L18700E 21950N	20
L18700E 22000N	30

is for where

18200E 18000N	30
18200E 18050N	40
18200E 18100N	40
18200E 18150N	50
18200E 18200N	40
18200E 18250N	30
18200E 18300N	40
18200E 18450N	20
18200E 18500N	10
18200E 18550N	10
18200E 18600N	20
18200E 18650N	20



-  MAFIC INTRUSIVE
-  FELDSPAR PORPHYRITIC MONZONITE
-  BIOTITE QUARTZ LATITE
-  LIMESTONE/ BARITE
-  ARGILLITE/ CHERT
-  CHERT PEBBLE CONGLOMERATE

**GEOLOGY**

REVISED	LEE CLAIMS	
	BREWERY CREEK	
PROJ. No. 327	SURVEY BY G.C.M.	DATE: AUG 1988
N.T.S. 116 B/1	DRAWN BY K.R.	SCALE: 1:10,000
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE WHITEHORSE	

092678

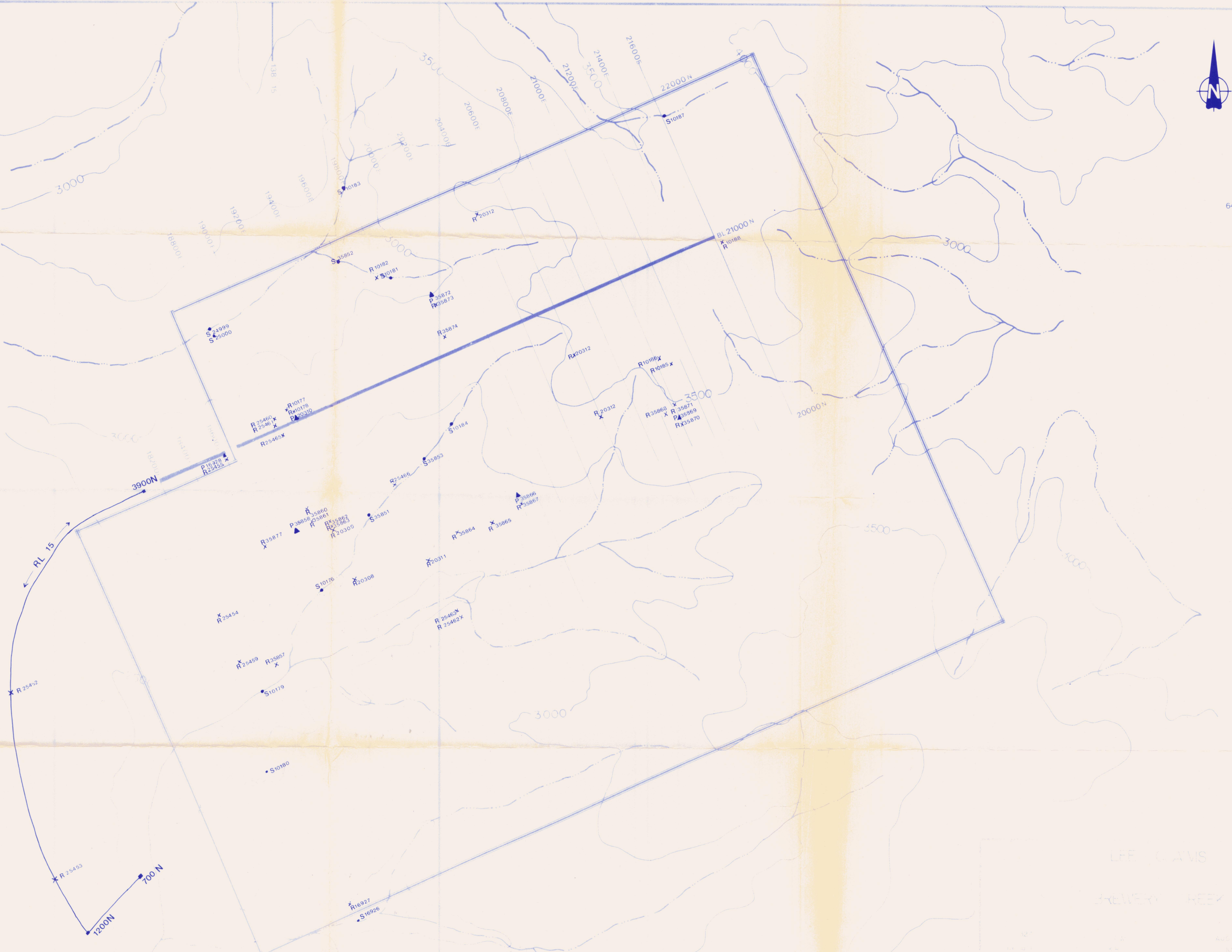
168

092678



64° 04'

64° 04'



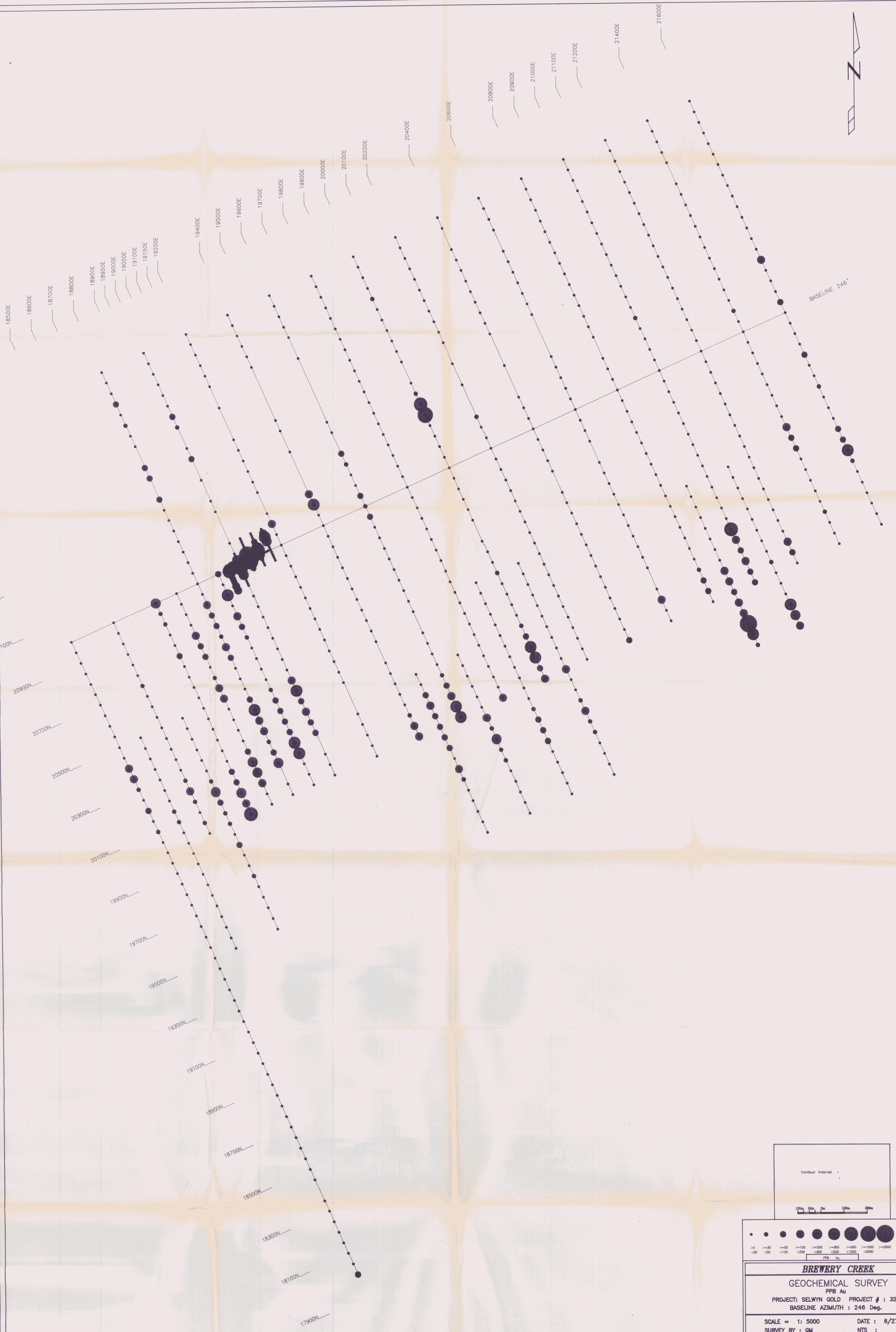
LFE CLAVIS

BREWERY REEF

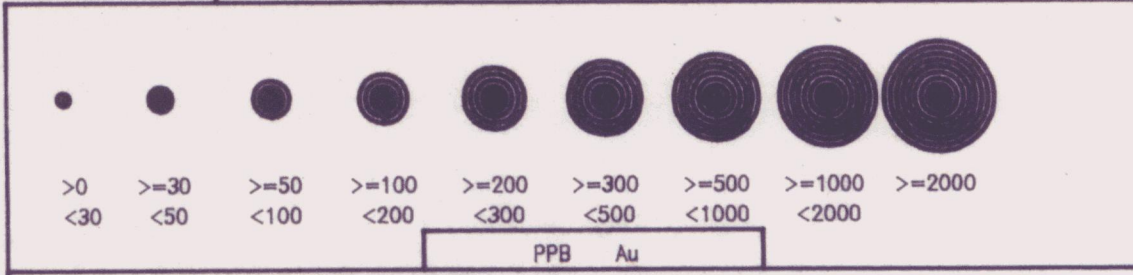
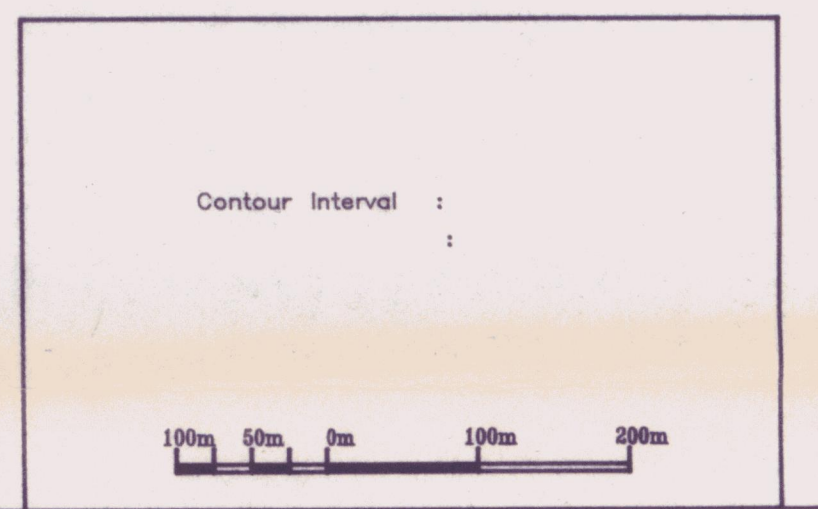
WHITEHORSE

169

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BASELINE 246°



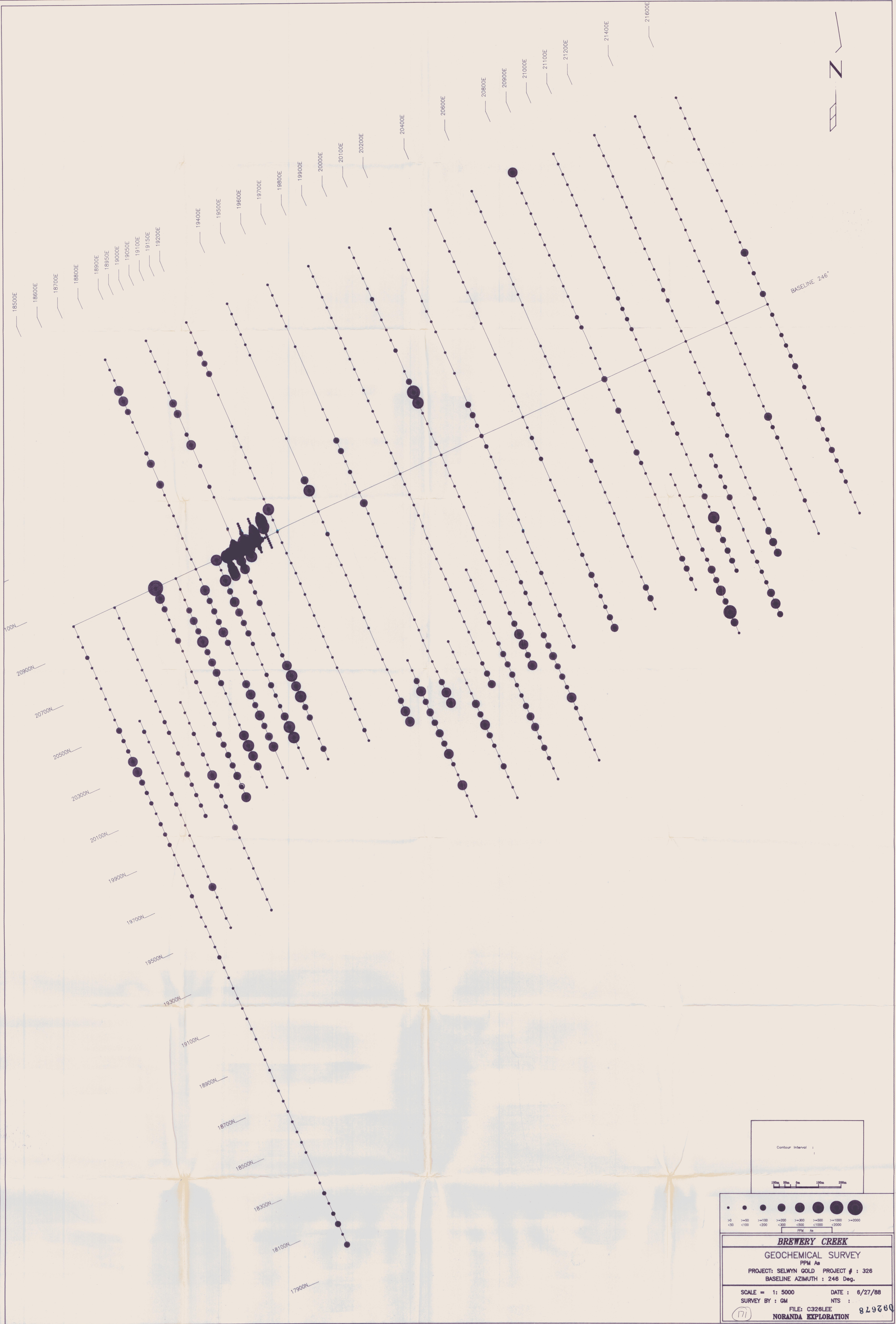
**BREWERY CREEK**  
 GEOCHEMICAL SURVEY  
 PPB Au  
 PROJECT: SELWYN GOLD PROJECT # : 326  
 BASELINE AZIMUTH : 246 Deg.

SCALE = 1: 5000      DATE : 6/27/88  
 SURVEY BY : GM      NTS :

FILE: C326LEE      82678  
 NORANDA EXPLORATION

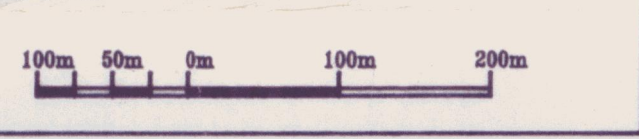
170

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BASELINE 246°

Contour Interval :



•	•	•	•	•	•	•	•
>100	>200	>300	>400	>500	>1000	>2000	
<50	<100	<200	<300	<500	<1000	<2000	PPM Au

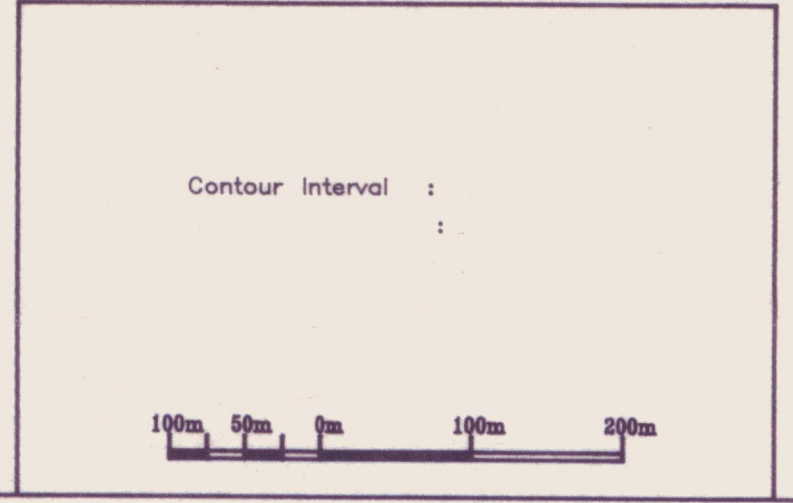
**BREWERY CREEK**  
**GEOCHEMICAL SURVEY**  
 PPM Au  
 PROJECT: SELWYN GOLD PROJECT # : 326  
 BASELINE AZIMUTH : 246 Deg.

SCALE = 1: 5000      DATE : 6/27/88  
 SURVEY BY : GM      NTS :  
 FILE: C326LEE  
 NORANDA EXPLORATION

171

02678

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Contour Interval :

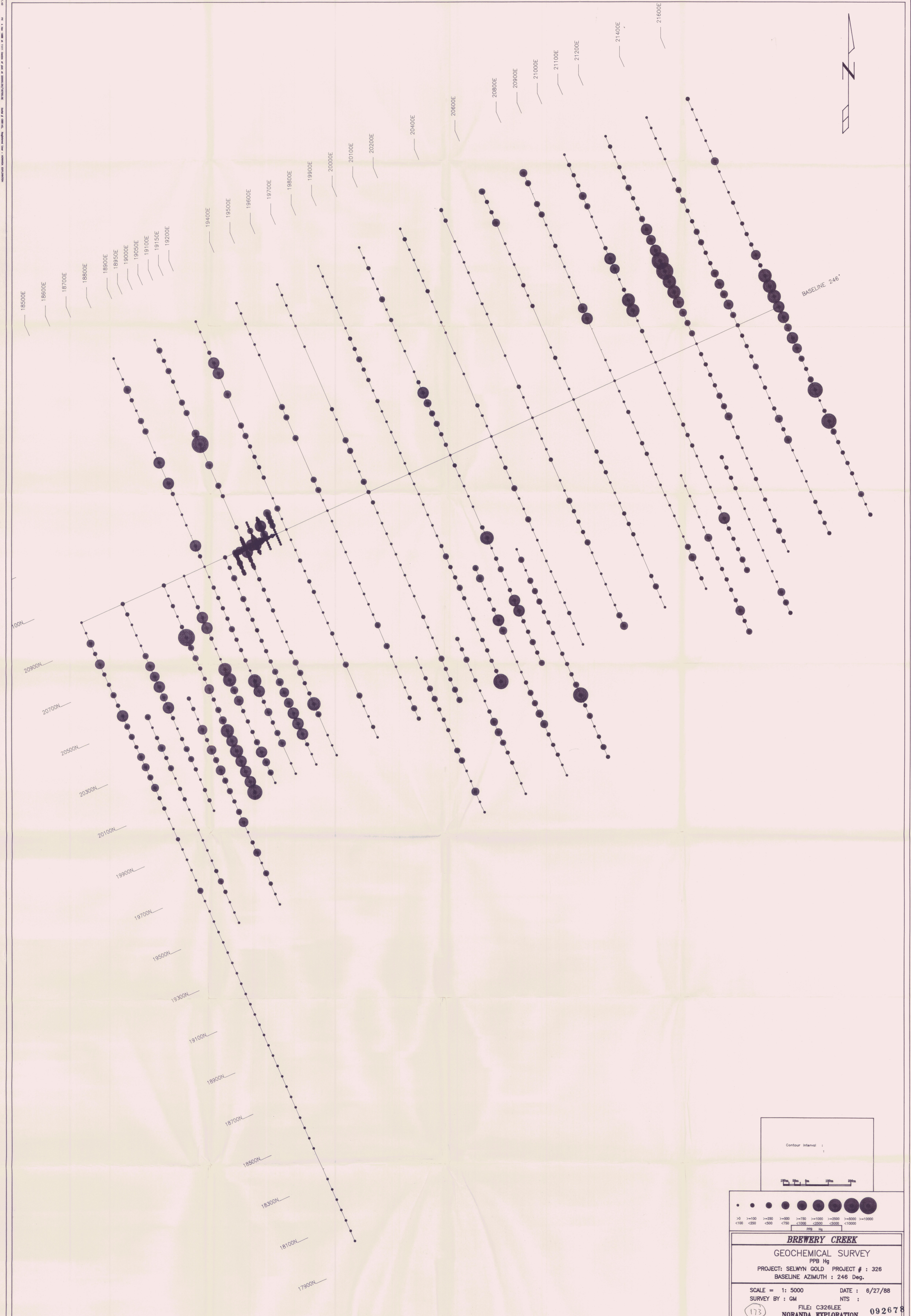
•	•	•	•	•	•	•	•	•	•
>10	>30	>50	>100	>200	>300	>500	>1000	>2000	
<30	<50	<100	<200	<300	<500	<1000	<2000		
PPM Sb									

**BREWERY CREEK**  
**GEOCHEMICAL SURVEY**  
 PPM Sb  
 PROJECT: SELWYN GOLD PROJECT # : 326  
 BASELINE AZIMUTH : 246 Deg.

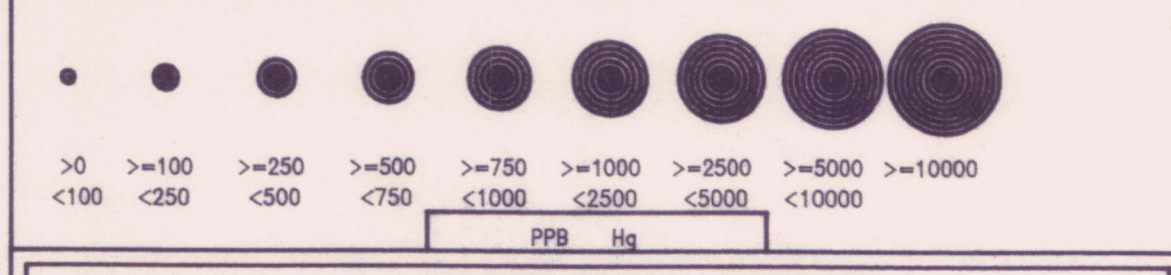
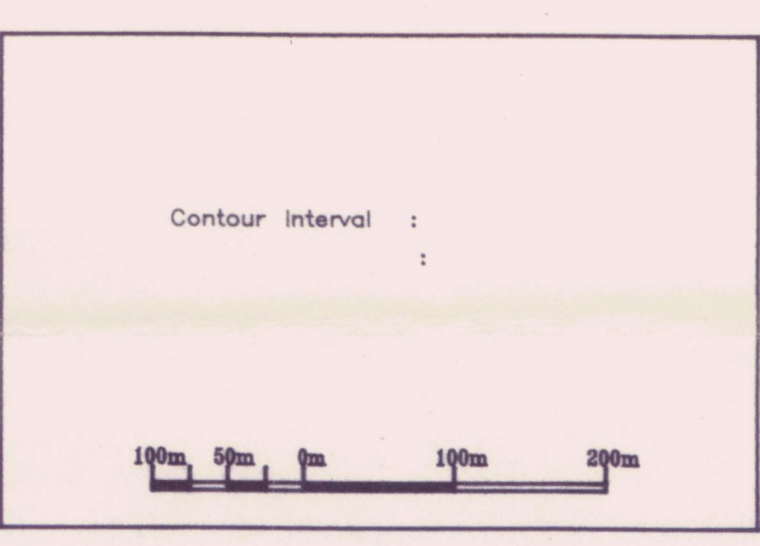
SCALE = 1: 5000      DATE : 6/27/88  
 SURVEY BY : GM      NTS :

FILE: C326LEE  
 NORANDA EXPLORATION

172

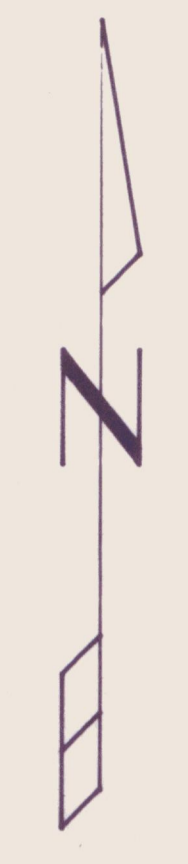
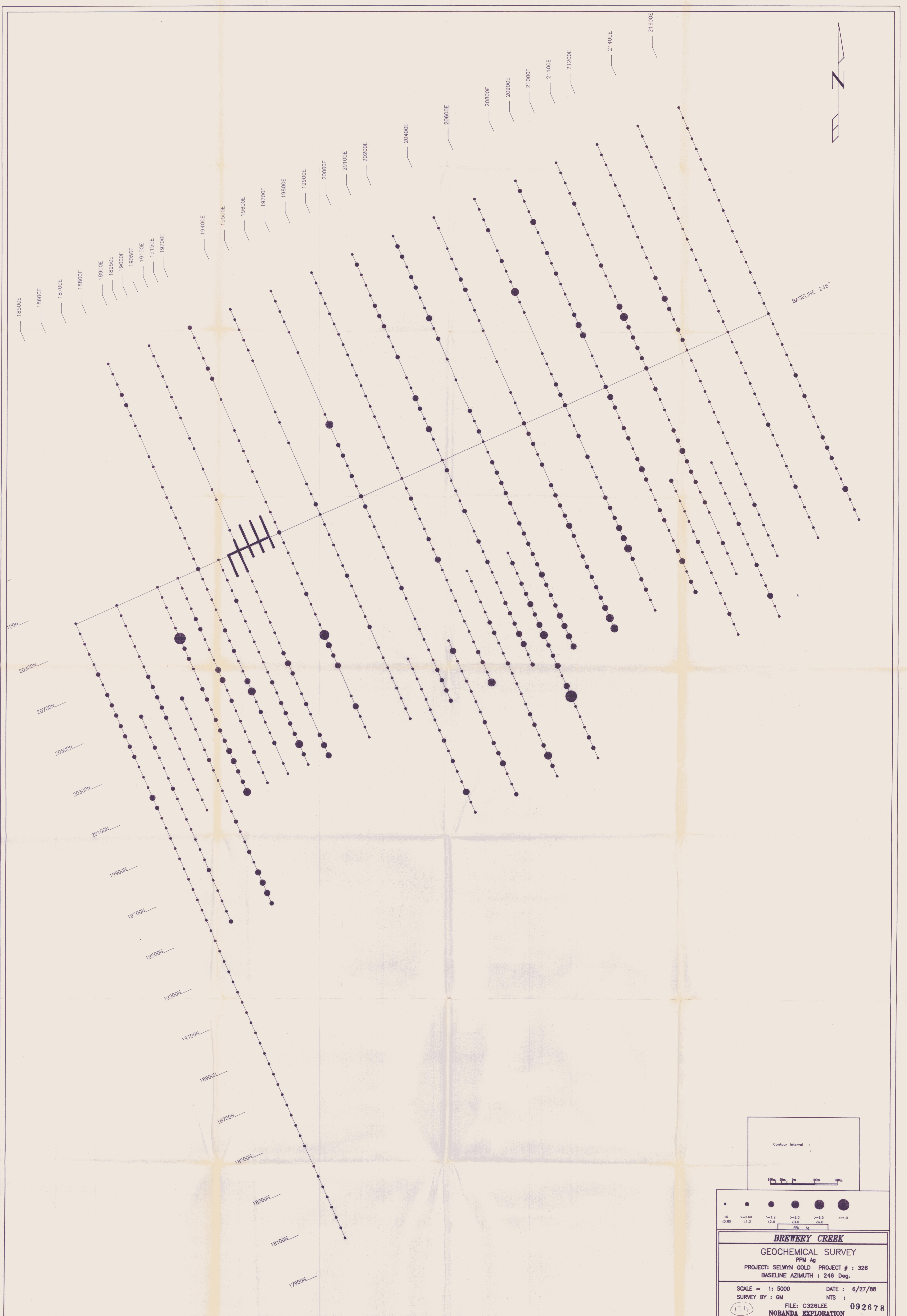


BASELINE 246°

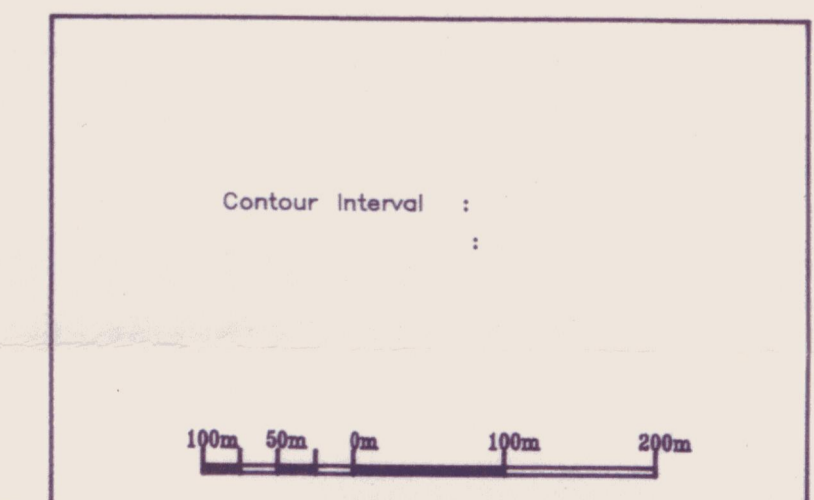


**BREWERY CREEK**  
 GEOCHEMICAL SURVEY  
 PPB Hg  
 PROJECT: SELWYN GOLD PROJECT # : 326  
 BASELINE AZIMUTH : 246 Deg.

SCALE = 1: 5000      DATE : 6/27/88  
 SURVEY BY : GM      NTS :  
 (173)      FILE: C326LEE      NORANDA EXPLORATION      092678



BASELINE 246°



•	•	•	•	•	•
<0.60	>=0.60 <1.2	>=1.2 <2.0	>=2.0 <3.0	>=3.0 <4.0	>=4.0
PPM Ag					
<b>BREWERY CREEK</b>					
GEOCHEMICAL SURVEY					
PROJECT: SELWYN GOLD PROJECT # : 326					
BASELINE AZIMUTH : 246 Deg.					
SCALE = 1: 5000			DATE : 6/27/88		
SURVEY BY : GM			NTS :		
(174)			FILE: C326LEE 092678		
NORANDA EXPLORATION					