MAP NO.: 115 I 3	**ASSESSMENT REPORT** X **PROSPECTUS** **CONFIDENTIAL** X **OPEN FILE**	**DOCUMENT NO:**	092576
		MINING DISTRICT:	Whitehorse
		TYPE OF WORK:	GEOCHEMICAL, GEOPHYSICAL GEOLOGICAL

REPORT FILED UNDER: Noranda Exploration Company Ltd

DATE PERFORMED:	Aug 25-31, 1987-Jan 7-Mar 8, 1988	**DATE FILED:**	October 27, 1988
LOCATION: **LAT.:**	62°02'N	**AREA:**	Dawson Range
LONG.:	137°15'W	**VALUE $:**	41,975.00

CLAIM NAME & NO.: DOWS 1-118 (YB07687-YB07702, YB12755-801, YB13055-100

WORK DONE BY: K. Galambos

WORK DONE FOR: Noranda Exploration Company Ltd

DATE TO GOOD STANDING:

REMARKS: # 121 DOWS
Work in 1988 included soil sampling, VLF-EM and, IP surveys and excavator trenches. A 30 x 100 m multi-element anomaly trending north-west is cut off to the north by faulting. Rock samples from the trenches returned values up to 3890 ppb Au and 6.9 ppm Ag.

GEOLOGICAL, GEOCHEMICAL & GEOPHYSICAL

REPORT 1988

on the

DOWS 1 - 118 CLAIMS

Whitehorse Mining District

NTS: 115 I/3

Latitude: 62 02'N

Longitude: 137 15'W

092576

Owner: Noranda Exploration Co. Ltd.

(no personal liability)

K. Galambos

October, 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 $ 41 975.00 .

J. J. Bremner

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

TABLE OF CONTENTS

		Page
SUMMARY		4
CHAPTER ONE	: INTRODUCTION	
1-1	: Introductory Statement	5
1-2	: Location and Access	5
1-3	: Physiography and Vegetation	5
1-4	: History of Claims	5
1-5	: Previous Exploration	9
1-6	: Work Program	9
CHAPTER TWO	: GEOLOGY	
2-1	: Regional Geology	13
2-2	: Property Geology	13
CHAPTER THREE:	GEOCHEMISTRY	
3-1	: Soil Geochemistry	17
3-2	: Rock Geochemistry	19
CHAPTER FOUR	: GEOPHYSICS	21
CHAPTER FIVE	: CONCLUSIONS & RECOMMENDATIONS	22
References	:	23
Statement of Costs:		24
Statement of Qualifications:		25

LIST OF TABLES

	Page
Table of Formation	16

LIST OF FIGURES

Figure 1:	Location Map		6
Figure 2:	Claim Location Map	1:250,000	7
Figure 3:	Claim Location Map	1:50,000	8
Figure 4:	Claim Map	1:30,000	10
Figure 5:	Grid Location Map	1:30,000	11
Figure 6:	Regional Geology	1:30,000	14
Figure 7:	Geochemical Survey Au	1:5,000	in pocket
Figure 8:	Geochemical Survey Au (RR)	1:5,000	"
Figure 9:	Geochemical Survey Ag	1:5,000	"
Figure 10:	Geochemical Survey As	1:5,000	"
Figure 11:	Geochemical Survey Hg	1:5,000	"
Figure 12:	Geochemical Survey Cu	1:5,000	"
Figure 13:	Geochemical Survey Pb	1:5,000	"
Figure 14:	Trenching Map	1:1,000	"
Figure 15:	Sample Location Map	1:1,000	"
Figure 16:	VLF-EM Survey	1:5,000	"
Figure 17:	Magnetometer Survey	1:5,000	"

LIST OF APPENDICES

Appendix 1:	Soil Sample Geochemical Results	26
Appendix 2:	Rock Sample Descriptions & Geochemical Results	65
Appendix 3:	Geophysical Surveys & Discussion of Results	77
Appendix 3a:	VLF Survey	78
Appendix 3b:	Magnetometer Survey	79
Appendix 3c:	I.P. Survey	80

SUMMARY

The DOWS 1 - 118 are located approximately 50km west of Carmacks Y.T.. Dowsing and trenching by Mr. Curley, the prospector, revealed an area of silicification and clay alteration. Geochemical soil surveys produced a northeast - southwest trending multi-element anomaly 30-100m wide. This zone of enriched As, Hg, Ag and Au lies within a broad mag low region with a similar orientation. Trenching completed in 1988 revealed a second zone of silicification, with minor enrichment in precious metals, approximately 100m east of the original discovery. An IP survey carried out at the time of trenching shows an area of moderate to strong PFE blanketing the area of lower magnetics and anomalous soils. This is cut by a linear zone of low resistivity which is probably fault related. A program of trenching and diamond drilling is proposed to test for mineralization along this northeast - southwest trend.

CHAPTER ONE INTRODUCTION

1-1: Introductory Statement

The DOWS 1 - 118 (YB07687-702, YB12755-801, YB13055-100), (109 claims) are located approximately 50km due west of Carmacks, Y.T..

The initial claims (DOWS 1 - 16) were staked in 1987 to cover an area of mineralized subcrop. Subsequent claims were staked in 1988 to cover possible extensions (DOWS 17 - 118).

During the 1988 field season, geological mapping, soil sampling and geophysics were conducted over the property.

1-2: Location and Access

The property (NTS 115 I/3; Latitude; 62 02'N, Longitude; 137 15'W) is located in the Dawson Range approximately 50km west of Carmacks, Y.T.. Access is by 2WD road from Carmacks to within 2.5km and a cat trail from this point through to the property.

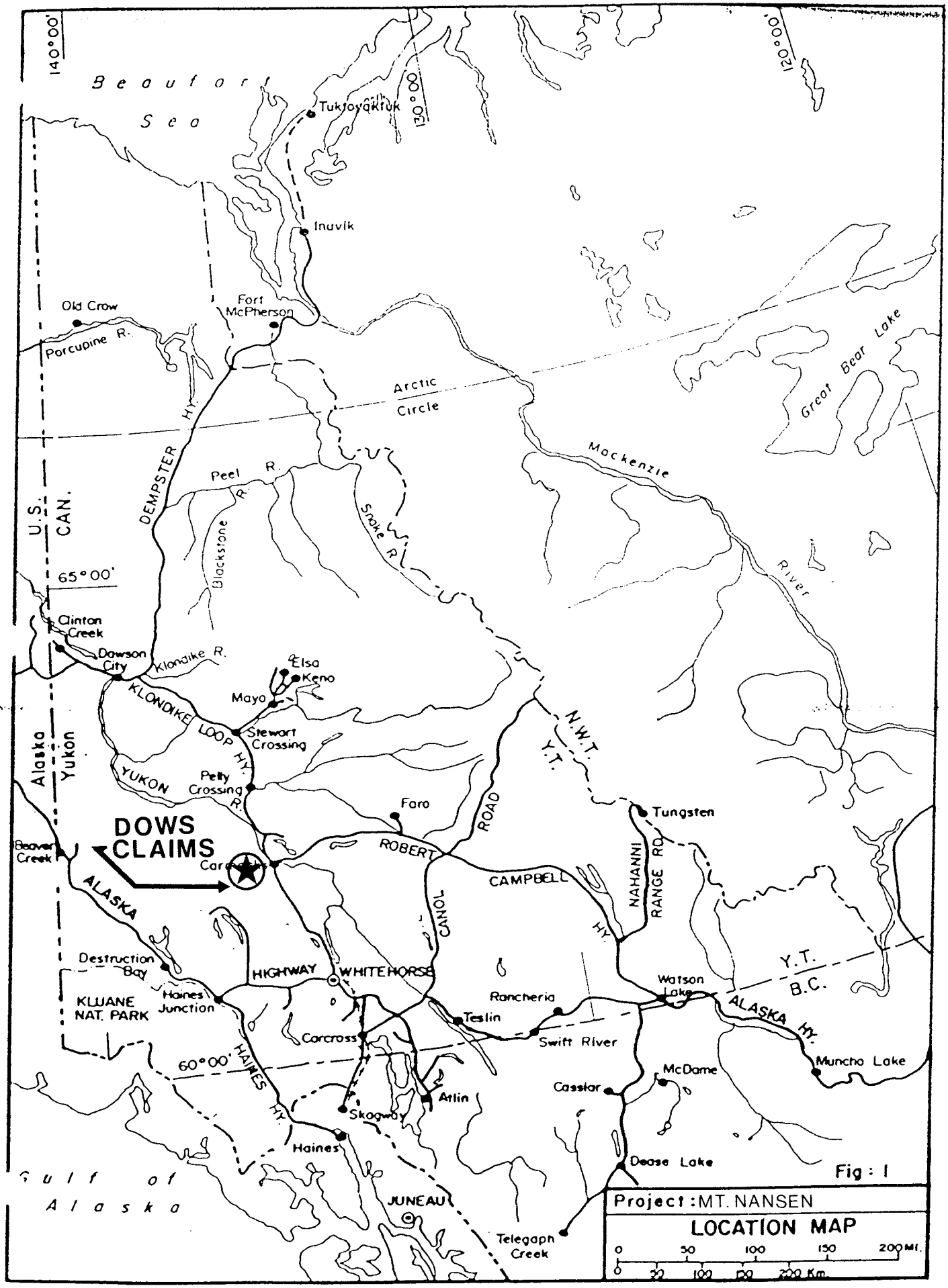
1-3: Physiography and Vegetation

The claims lie within the Dawson Range, a region characterized by an unglaciated upland plateau disected by present drainage. The claim group is located on a gentle west facing slope with a maximum elevation of 1280m (4200). Outcrops are generally restricted to ridge tops.

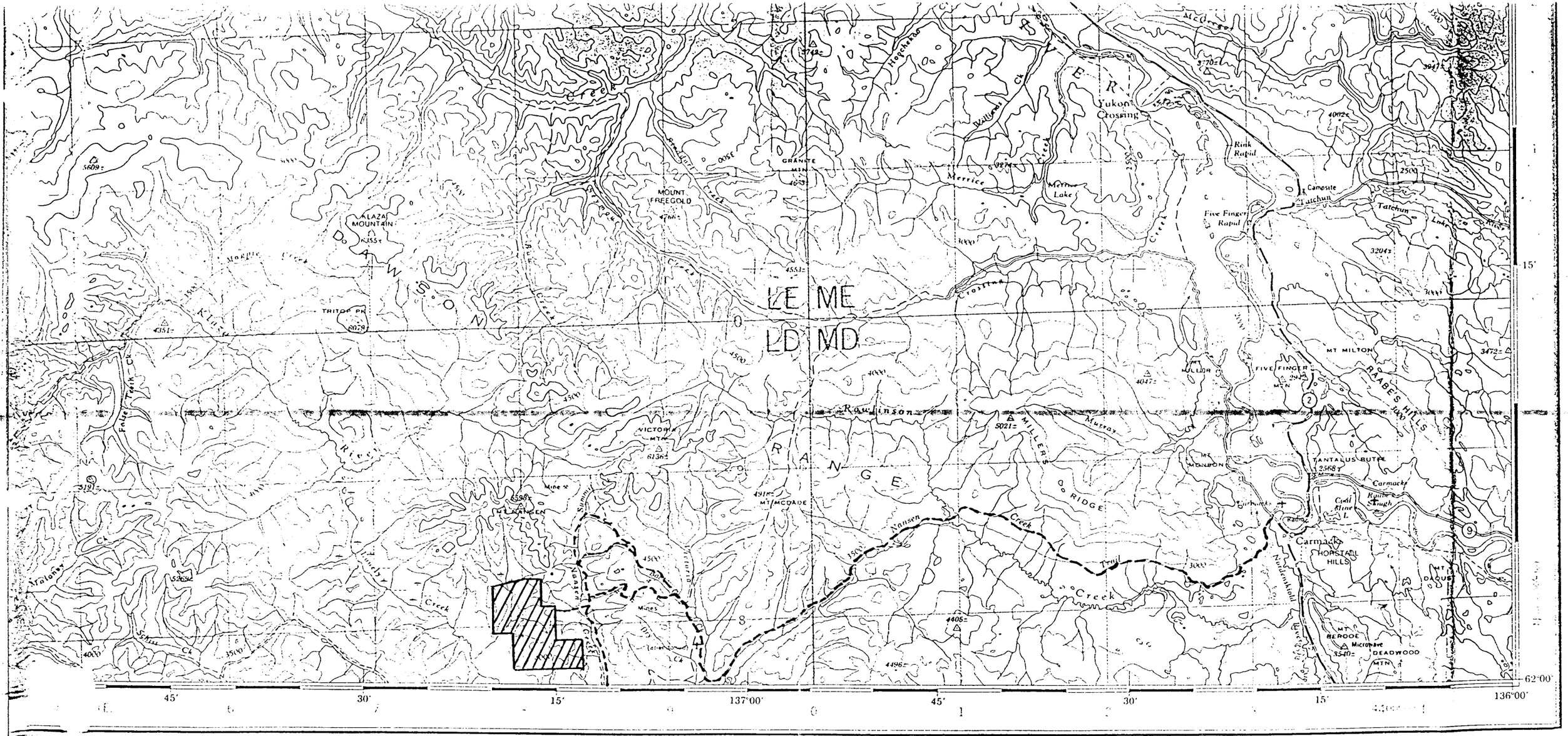
Vegetation, consits of sparce to moderately dense spruce forests on east and south facing slopes while thick moss and low buck brush predominate elsewhere in this area of discontinuous permafrost.

1-4: History of the Claims

DOWS 1-16, (YB07687-702) were staked by Eugene Curley, owner of the claims, on Aug. 25, 1987 and registered Aug. 31, 1987. Noranda Exploration



VANCAL 11878



Produced, 1969, by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Printed 1971

Magnetic declination 1970 varies from 31°25' easterly at centre of west edge to 32°16' easterly at centre of east edge. Mean annual change 3.8' westerly

Interim Corrections 1974

Road / Route	more than 2 lanes / plus de 2 voies	2 lanes / 2 voies	less than 2 lanes / moins de 2 voies
hard surface, all weather / pavée, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies	dry weather / saison sèche
loose surface, all weather / de gravier, toute saison			
wagon, cart track / chemin de terre	trail or portage / sentier ou portage		

Railway, normal gauge / Chemin de fer, écartement normal	station / gare	multiple track / voies multiples	highway / route	single track / voie unique	abandoned / abandonnée

Depression contours / Courbes de cuvette

Spot elevation, in feet / Repère de nivellement en pieds 2550

Power transmission line / Ligne de transport d'énergie

CARMACKS
YUKON TERRITORY

Scale 1:250,000 Échelle

Miles 5 0 5 10 15 Miles

Kilometres 5 0 5 10 15 20 Kilometres

CONTOUR INTERVAL 500 FEET
Elevations in feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

Copies may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa

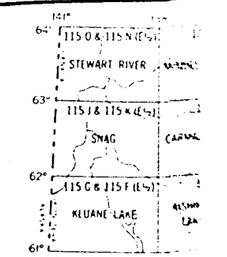
ÉQUIDISTANCE DES COURBES 500 PIEDS
Élevations en pieds au-dessus du niveau moyen de la mer
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

Ces cartes sont en vente au Bureau de distribution des cartes, ministère de l'Énergie, des Mines et des Ressources, Ottawa.

Établie en 1969, par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Imprimée en 1971.

FIG : 2

REVISED	MT. NANSEN – DOWS CLAIMS
	CLAIM LOCATION MAP
PROJ. No. 337	SURVEY BY: KG DATE: OCT 88
N.T.S. 115 I/3	DRAWN BY: SCALE: 1:250,000
DWG. No.	NORANDA EXPLORATION
	OFFICE: WHITEHORSE



Index to adjoining Maps of Nation

Tableau d'assemblage du Système nation

FIG : 3

REVISED	MT. NANSEN – DOWS CLAIMS
	CLAIM LOCATION MAP
PROJ. No. 337	SURVEY BY: KG DATE: OCT 88
N.T.S. 115I/3	DRAWN BY: SCALE: 1:50,000
DWG. No.	NORANDA EXPLORATION
	OFFICE: WHITEHORSE

Joins 115H/14

MOUNT NANSEN
YUKON TERRITORY

SCALE 1:50,000 ÉCHELLE

Miles 1 0 1 2 3 Miles

Metres 1000 500 0 1000 2000 3000 4000 Mètres

Yards 1000 500 0 1000 2000 3000 4000 Verges

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

Some names on this map are not yet official. Corrections or additions are invited by the Surveys and Mapping Branch.

This Provisional Map is equivalent to a standard map in accuracy of content.

ÉQUIDISTANCE DES COURBES DE NIVEAU 100 PIEDS
Élévations en pieds au-dessus du Niveau de la mer
Projection transverse de Mercator, Canada 1927

Certains noms figurant sur cette carte ne sont pas encore officiels. Les corrections ou additions de la carte peuvent être signalées au Service de la cartographie.

Cette carte provisoire est équivalente à une carte régulière quant à l'information.

Roads:	Routes:	more than 2 lanes / plus de 2 voies	2 lanes / 2 voies
hard surface, all weather	pavée, toute saison	less than 2 lanes	moins de 2 voies
hard surface, all weather	pavée, toute saison		
loose or stabilized surface, all weather	gravier aggloméré, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose surface, dry weather	de gravier, période sèche		
cart track	de terre		
trail or portage	sentier ou portage		

subsequently commissioned the staking of DOWS 17 - 72 (YB12755-801) on Jan. 7, 1988 (registered Jan. 8, 1988) and DOWS 73 - 118 (YB13055-100) on March 8, 1988 (registered March 9, 1988).

Upon acceptance of this report, DOWS 73 - 105, 107, 109, will be in good standing until February 28, 1992 DOWS 1 - 72, 110, 112 - 118 will remain in good standing until February 28, 1993.

1-5: Previous Exploration

Little activity has been reproted in the immediate claim area prior to 1987, although there is evidence of historical placer evaluation of creeks on the property.

In 1987, Mr. Curley, a firm believer in dowsing, located a "likely prospect". Hand trenching retrieved a sample of clay altered rhyolite anomalous in Au. After staking the original 16 units Mr. Curley had two trenches dug in the immediate sample area before seeking an option on this property.

1-6: Work Program

Prior to optioning the property the only known work done in the immediate area was the digging of two back-hoe trenches in 1987 by the prospector Mr. Eugene Curley.

In June of 1988 a four person Noranda crew placed 43km of flagged line and collected a total of 434 soil samples and 33 rock samples. Sampling was severly hampered by permafrost conditions. Preliminary, 1:10,000 mapping was attempted, but due to lack of outcrop exposure, not completed. Five new trenches were outlined and stripped of moss cover using a D-7 Caterpillar owned by Caron Diamond Drilling Ltd. of Whitehorse.

In July a three person Noranda crew conducted a 43km magnetometer

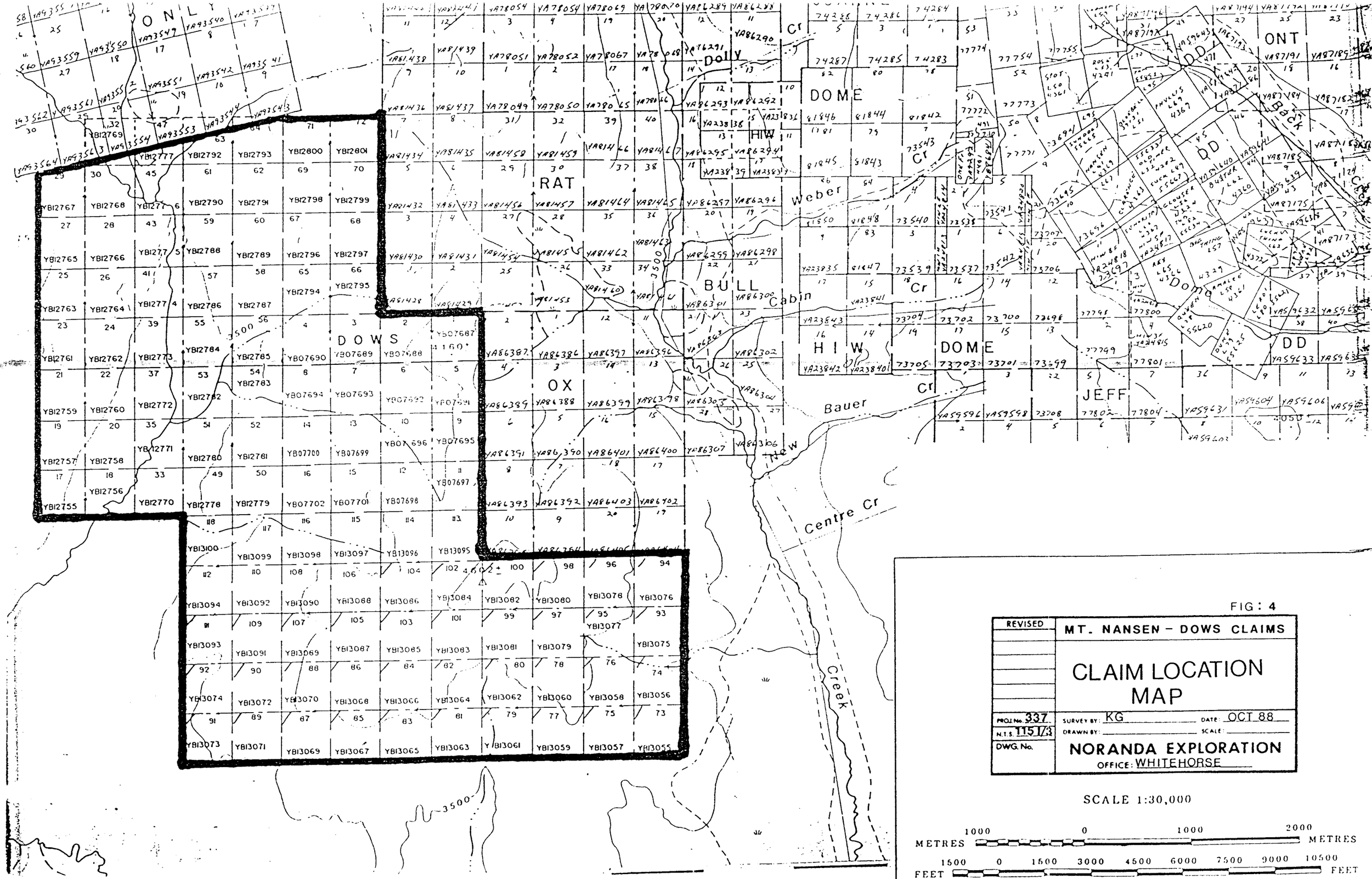


FIG: 4

REVISED	MT. NANSEN – DOWS CLAIMS
	CLAIM LOCATION MAP
PROJ. No. 337	SURVEY BY: KG DATE: OCT 88
N.T.S. 115I/3	DRAWN BY: SCALE:
DWG. No.	NORANDA EXPLORATION OFFICE: WHITEHORSE

SCALE 1:30,000

1000 0 1000 2000 METRES

1500 0 1500 3000 4500 6000 7500 9000 10500 FEET

FIG: 4

REVISED	MT. NANSEN – DOWS CLAIMS
	GRID LOCATION MAP
PROJ No. 337	SURVEY BY: KG DATE: OCT 88
N.T.S 115 I/3	DRAWN BY: SCALE:
DWG. No.	NORANDA EXPLORATION OFFICE: WHITEHORSE

SCALE 1:30,000

1000 0 1000 2000 METRES

1500 0 1500 3000 4500 6000 7500 9000 10500 FEET

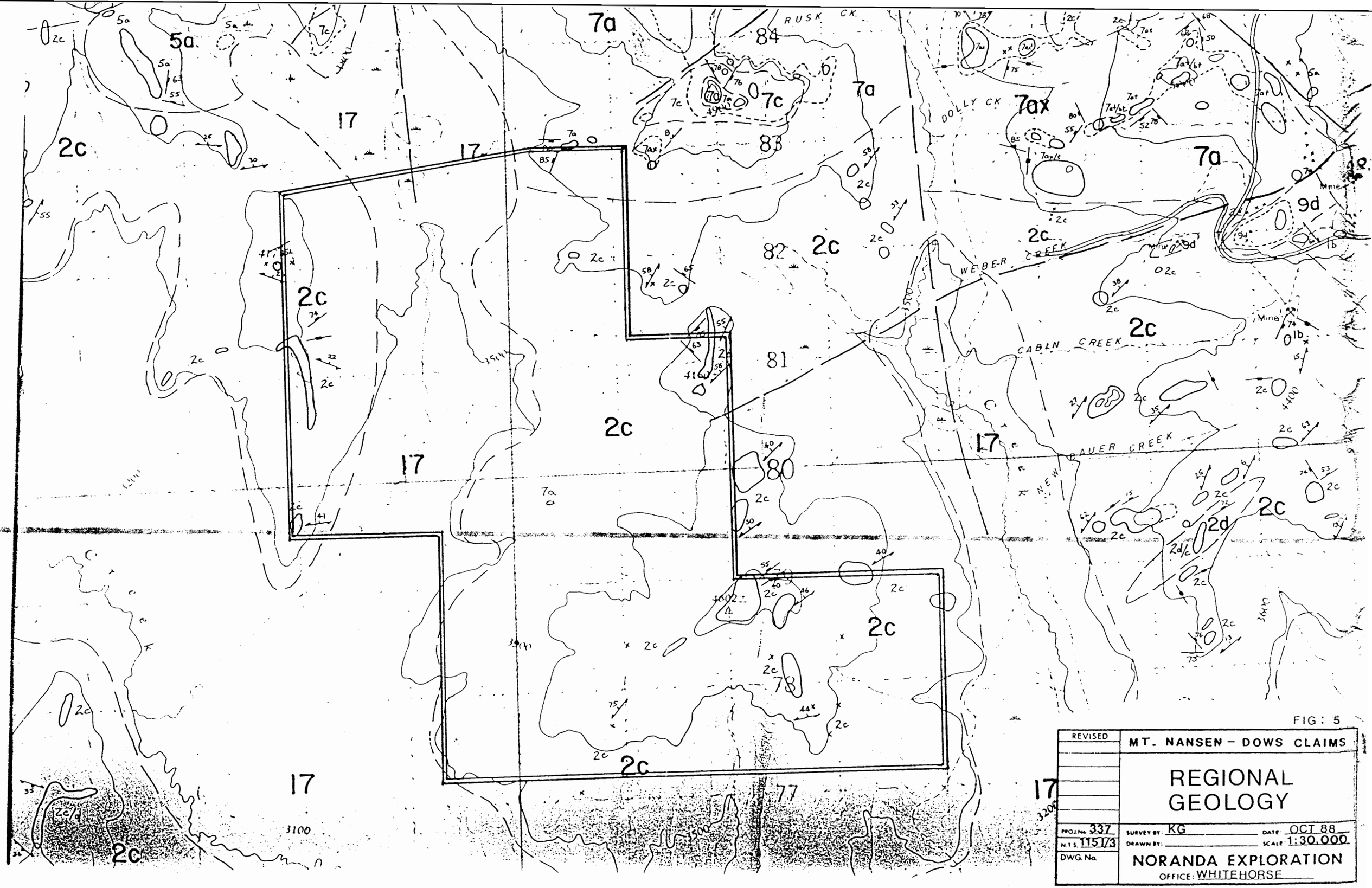


FIG : 5

REVISED	MT. NANSEN – DOWS CLAIMS
	REGIONAL GEOLOGY
PROJ. No. 337	SURVEY BY: KG DATE: OCT 88
N.T.S. 115 I/3	DRAWN BY: SCALE: 1:30,000
DWG. No.	NORANDA EXPLORATION
	OFFICE: WHITEHORSE

survey and a 4.6km VLF survey. In addition, 234 soil samples were collected from previously frozen ground.

In August of 1988 a four person crew conducted 4km of IP over an eight day period. At the same time, a two person crew sampled and mapped six of the seven trenches which were either dug or redug using a Caron Diamond Drilling excavator. A total of 134 chip samples were taken during the trenching program.

CHAPTER TWO: GEOLOGY

2-1: Regional Geology

The area sits on the boundary between the Yukon Cataclastic Terrane to the north and the Yukon Crystalline Terrane to the south. Paleozoic schists and gneissis of the Crystalline Terrane predominate as the basement in this area. These rocks have been intruded by two main igneous events; and early Jurassic plutonic suite comprised of syenite to monzonite which was later metamorphosed and foliated and a younger Cretaceous suite of plutonic and related volcanic units.

Major regional structures generally trend northwest through the area, the most distinctive being the Big Creek Fault. This fault forms the northeast boundary of a graben structure near Mt. Freegold. The southwest edge of this graben is not clearly defined but is thought to occur just south of Mt. Nansen in the area of the claim group.

Most mineralization in the area shows a spacial relationship to felsic porphyry dykes which are believed to be a late Cretaceous event.

2-2: Property Geology

Like most of the region, outcrop is scarce on this property due to the lack of recent glaciaiton. A castellated outcropping of basement schist occures on the ridge at the eastern boundary of the property while small outcroppings of andesitic to basaltic flows of the Mt. Nansen group are exposed in the southwest corner of DOWS 16. The only other rocks observed were those exposed by trenching.

Bedrock exposed in the trenches consisted of fresh to intensely clay altered schists, gneisses, quartzite and white marble of the basement metamorphic complex intruded by weak to strongly clay and/or silica altered

(often foliated) quartz feldspar porphyry dykes believed to belong to the Cretaceous Mt. Nansen Volcanic Suite.

The basement rocks are characterized by quartzofeldspathic, medium to coarse grained schists and gneiss. These are generally brown in color and moderately siliceous with minor vitreous quartz layers. Also included is a white coarse crystalline marble with minor local calc-silicate alteration.

The intrusive rocks noted to date are white to light tan weathering quartz-feldspar porphyrys. They are generally fine graned with quartz and/or plagioclase occuring as small phenocrysts less than 2mm in size. These porphyrys are often foliated and contain up to 10% pyrite in fresh unoxidized samples.

All rocks found in the trenches have been altered to some degree. Most have undergone at least weak clay alteration with moderate to intense clay alteration in places. Silica alteration is very local and consist of quartz flooding with minor veining. Carbonate alteration is quite strong around the marble unit and occurs at least 15m from the contact in trench NT-7. Calc-silicate alteration is very minor and occurs as pods and stringers within the marble unit.

TABLE 1

Table of Formations

17 Unconsolidated Alluvium

Mt. Nansen Suite

9 Porphyry Dykes
- 9c quartz-feldspar porphyry dykes; white weathering, commonly pyritic
- 9d porphyritic granodiorite to quartz monzonite stock

7 Mt. Nansen Volcanics
- 7a andesite to latite massive flows and feeders
  - 7at tuff, tuffaceous sediments, in part laharic
  - 7ax flow breccia, probably in part intrusive
- 7c felsic dome - commonly flow banded, quartz & feldspar porphyry

Dawson Range Plutonic Suite

5 Dawson Range Batholiths
- 5a casino granodiorite

Basement Metamorphic Complex
- 2c schist-gneiss subunit-includes biotite-quartz-feldspar schist, feldspar augen gneiss, amphibolite and minor quartzite and marble (2cm)
- 2d amphibolite

1 Metasedimentary Unit
- 1b quartz-feldspar-mica schist, quartzo-feldspathic gneiss

CHAPTER THREE: GEOCHEMISTRY

3-1: Soil Geochemistry

The area in which the claim group sits has not been recently glaciated and as a result, soil development is quite good. It consists of a moss and organic rich layer 5cm to several metres deep (in swampy areas) overlying a layer of White River volcanic ash generally less than 10cm thick. Beneath this ash layer lies an oxidized, highly weathered 'B' horizon and/or 'C' horizon, both of variable thickness. Bedrock is generally moderately to strongly fractured and deeply weathered.

In the 1988 program, sixteen representative soil samples were taken at a depth of 30cm in trench NT - 1. These act as a base which grid samples are compared with. Samplers were instructed to try and obtain grid samples at or below this depth but frost conditions often did not permit this. Most samples were taken immediately below the ash layer.

A total of 673 soils were taken prior to August 23, 1988. The samples were taken at 25m intervals (where possible) on lines spaced 100m apart. Permafrost conditions and swampy areas prevented complete grid coverage. The samples were dried and shipped to Noranda's laboratory in Vancouver, B.C. for preparation and analysis for Cu, Zn, Pb, Ag, As, Mo, Hg and Au. As well, 52 samples were reanalyzed by Acme Analytical of Vancouver for Au only.

Results of the survey suggest a strong northeast - southwest trending structure encriched in As, Hg with low Ag and spotty Au. Base metal values are erractic and low with the exception of Pb which appears to be concentrated between 10500N and 10700N on lines 9300E and 9400E. Maximum values are as follows:

Base samples from NT - 1; Au 1100 ppb

	Ag	2.0 ppm
	As	460 ppm
	Hg	1100 ppb

Grid samples;	Au	490 ppb
	Ag	4.4 ppm
	As	1100 ppm
	Hg	13,200 ppb

SUMMARY STATISTICAL ANALYSIS

Grid Soils

	Cu	Zn	Pb	Ag	As	Mo	Au	Hg
# samples	590	590	590	590	590	393	590	587
High	300	190	52	4.4	1100	12	490	13200
Low	4	20	1	0.2	1	1	10	5
Stnd. Dev.	27.9	20.7	5.2	0.3	95.4	1.2	25.3	579.7
Distribution (# of values, n = Avg.)								
n + 0-0.5 S.D.	235	252	545	526	540	241	556	572
n + 0.5-1 S.D.	242	204	14	44	18	116	13	8
n + 1-2 S.D.	85	107	10	6	16	28	10	2
n + 2-3 S.D.	19	18	8	8	7	0	4	1
n +) 3 S.D.	9	9	13	6	9	8	7	4
(Note: Reduced avg. excludes all values) 3 S.D.)								
Simple Avg.	40.2	66.6	3.4	0.3	31.6	2.0	13.7	85.8
Reduced Avg.	38.5	65.2	2.7	0.3	21.9	1.8	11.6	50.7

Trench & Regional Soils

	Cu	Zn	Pb	Ag	As	Mo	Au	Hg
# of Analysis	40	40	40	40	40	40	40	40
Lowest Value	8	18	1	.2	1	1	10	10
Highest Value	170	120	46	2.8	540	6	1100	3200
Mean (Log)	35.4	54.9	2.9	.48	37.0	2.0	33.9	126.3
Stnd. Dev. (Log)	.319	.185	.412	.322	.761	.275	.701	.567
Mean (Arith)	46.7	59.8	4.9	.65	114.9	2.5	134.5	294.3
Stnd. Dev. (Arith)	38.97	24.84	7.36	.581	146.27	1.68	250.42	532.83

Complete results are included in Appendix 1.

3-2: Rock Geochemistry

A total of 173 rock samples were collected on the property of which 134 were chip samples from the six trenches. All samples were prepared and analyzed by Acme Analytical laboratories Ltd. of Vancouver using their standard 31 element ICP package. Of the trench samples taken in 1988 the best values were 3890 ppb Au and 6.9 ppm Ag (sample R46756) from NT-1.

SUMMARY STATISTICAL ANALYSIS

Mt. Nansen Regional Rocks

	Ag	As	Au	Hg	Sb
# of Analysis	33	33	33	33	33
Lowest Value	.1	2	1	5	2
Highest Value	6.1	7630	8250	44800	360
Mean (Log)	.22	22.2	7.4	59.6	6.4
Stnd. Dev. (Log)	.561	1.206	1.244	1.142	.715
Mean (Arith)	.71	517.2	545.4	1908.0	33.2

Stnd. Dev. (Arith)	1.478	1409.46	1669.41	7879.54	77.90

Mt. Nansen Trench Samples

	Cu	Zn	Pb	Ag	As	Sb	Au
# of Anaylsis	134	134	134	134	134	134	134
Lowest Value	3	3	2	.1	4	2	1
Highest Value	289	410	78	6.9	6193	480	3950
Mean (Log)	47.5	46.7	11.3	.44	183.1	16.0	43.4
Stnd. Dev. (Log)	.393	.506	.361	.508	.779	.615	.966
Mean (Arith)	67.1	77.4	13.6	.93	689.2	43.2	341.1
Stnd. Dev. (Arith)	52.58	71.61	10.27	1.322	1087.59	73.60	753.54

Complete results are included in appendix 2.

CHAPTER FOUR: GEOPHYSICS

Geophysical surveys were completed on the DOWS 1 - 16, 50, 52, 54, 56, 58, 60, 62, 64, 65, 67, 69 and DOWS 71 claims. Approximately 43km of magnetometer and 4.6km of VLF-EM were completed in June and July of 1988. In August, 4km of IP were completed over the north central part of the grid.

The VLF-EM survey employed the EM transmitter located at Jim Creek Washington with readings recorded at 12.5km intervals. The magnetometer survey recorded the total magnetic field also at 12.5m intervals with all applicable corrections applied. An EDA OMNI 4 was employed for the magnetometer survey while the VLF-EM survey used the Geonics EM-16 receiver.

The IP survey emplyed a Time Domain transmitter manufactured by Phoenix Geophysics of Tucson, Arizona. The transmitter is coupled to a generator which has a capacity of 1.2 kilowatts. The survey parameters emplyed for this survey were as follows:

Dipole array	:	Dipole-Dipole
Dipole length	:	25 meter detail
Separations	:	n = 4
Time base	:	2.0 Sec
Parameters recorded	:	Chargeability (Newmont standard) & Resistivity (ohm-meters)
IP transmitter	:	Phoenix IPT-1 & MG-1
IP receiver	:	Elliot R-10A

A fixed transmitter setup using four Transmitter dipoles on either side of the transmitter was used throughout the survey.

For discussion of geophysical results refer to appendix 3.

CHAPTER FIVE: CONCLUSIONS & RECOMMENDATIONS

The DOWS 1 - 16 claims were staked after hand trenching revealed mineralized float in the area of a dowsing anomally. Trenching to bedrock revealed an area of silicification and clay alteration at the contact between quartz feldspar porphyry dykes and the basement rocks in the area. Subsequent geochem and geophysical surveys outlined an area with elevated to anomalous values in As, Hg, Ag and minor Au. This northeast-southwest trending multi-element anomaly coincides with a broad mag low and an area of moderate to strong PFE. The anomaly appears to be cut off to the north by a zone of low resistivity which probably reflects a fault structure.

It is recommended that more trencing and/or diamond drilling be done to outline the extent of mineralization in bedrock. Expansion of the grid to cover the entire property followed by further goechem and geophysical surveys is also strongly suggested.

Respectfully submitted by;



Ken Galambos

Geological Engineer

REFERENCES

Bradish L., 1988; Nansen Grid Geophysical Surveys; internal Noranda memo

Carlson G.G.; D.I.A.N.D. Open file 1987-2; Geology of the Mt. Nansen (115 I/3) and Stoddard (115 I/16) Map Areas, Dawson Range, Central Yukon

Copland H., 1987; Property Submission for the DOWS 1-16 Claims; internal Noranda report

STATEMENT OF COSTS

Project: DOWS 1 - 118 Claims

Labour:	114 person days @ $150./per day	$17,100.
Supplies & Lodging	114 person days @ $50./per day	5,700.
Ground Transport		264.
Contractor	D-7 Cat	2,630.
	Excavator	6,420.
Geochem Analysis	673 soils @ $10./ea sample	6,730.
	52 soils rerun twice for Au @ $4.50/ea.	468.
	173 rocks @ $20./ea. sample	3,460.
	24 rocks fire assyed for Au @ $6./ea.	144.
	Analysis Total	$10,802.
Report Writing, Drafting, etc.		1,500.
	TOTAL	$44,416.

STATEMENT OF QUALIFICATIONS

I, Kenneth D. Galambos, do hereby certify that:

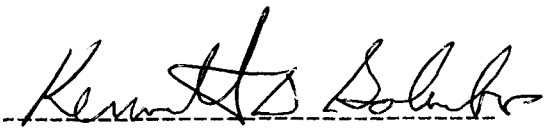
1) I am a Geological Engineer residing at lot 177 of the Golden Horn subdivision, km 1443 of the Alaska Highway, Yukon Territory.

2) I am a graduate of the University of Saskatchewan with a B.E. in Geological Engineering.

3) I have practised my profession for the past eight years primarily in the Northern Cordillera.

4) I supervised and participated in field work done on the DOWS claims in 1988.

5) I am a member of the Association of Professional Engineers of the Yukon Territory.



Kenneth D. Galambos
Geological Engineer

APPENDIX 1

Soil Sample Geochemical Results

E. Curley Sub. (IHC) 8710-057

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

DATE RECEIVED: OCT 16 1987
DATE REPORT MAILED: Oct. 21/87.

GEOCHEMICAL ANALYSIS CERTIFICATE

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

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

NORANDA EXPLORATION (VAN) PROJECT-8710-057 312 File # 87-4909

SAMPLE#	AG PPM	AS PPM	AU* PPB	HG PPB
TR-2 0+15	.1	103	37	120
TR-2 0+30	.1	53	33	180
TR-2 0+45	.2	136	96	170
TR-2 0+60	.2	54	32	120
TR-2 0+85	.2	87	47	180

NORANDA VANCOUVER LABORATORY

****

PROPERTY/LOCATION:MT. NANSEN CODE :8806-060

Project No. : 337 Sheet:1 of 8 Date rec'd:JUN21
Material :434 SOILS Geol.:K.G. Date compl:JUL06
Remarks :

Values in PPM, except where noted.

T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au
2	10000E-10025N	12	40	2	0.2	14	2	10
3	10050	16	50	2	0.2	18	2	40
4	10075	10	58	2	0.2	16	2	30
5	10100	16	72	4	0.2	26	2	20
6	10125	32	60	2	0.2	12	2	10
7	10175	18	52	4	0.2	6	2	10
8	10200	14	42	2	0.2	4	2	10
9	10225	20	60	2	0.2	8	4	10
10	10250	26	68	4	0.2	6	2	10
11	10275	22	74	2	0.2	12	2	10
12	10300	24	56	2	0.2	10	2	10
13	10325	20	52	2	0.2	10	2	10
14	10350	28	66	2	0.2	16	2	10
15	10375	34	86	2	0.2	18	2	10
16	10400	10	40	2	0.2	6	2	10
17	10425	32	62	4	0.2	6	2	10
18	10450	22	52	4	0.2	4	2	10
19	10475	36	64	2	0.2	16	2	10
20	10500	24	44	2	0.2	10	2	10
21	10525	56	96	4	0.4	14	4	10
22	10550	46	78	6	0.2	4	2	10
23	10600	36	86	2	0.2	8	2	10
24	10650	46	84	2	0.2	14	2	10
25	10725	28	56	2	0.2	10	2	10
26	10750	28	58	2	0.2	4	2	10
27	10825	70	94	4	0.2	1	2	10
28	10000E-10850N	40	92	2	0.4	1	2	10
29	9900E-10050N	74	64	2	0.4	1	2	10
30	10150	18	60	2	0.2	1	2	10
31	10175	20	60	4	0.2	6	2	10
32	10200	22	52	2	0.2	2	2	10
33	10225	20	66	2	0.2	8	2	10
34	10250	22	46	4	0.2	1	2	30
35	10275	48	68	2	0.2	2	2	10
36	10300	14	66	4	0.2	1	2	10
37	10375	26	68	2	0.2	1	2	10
38	10400	46	44	2	0.2	1	2	10
39	10425	30	68	4	0.2	1	2	10
40	10450	18	62	2	0.2	2	1	10
41	10475	32	72	4	0.2	8	2	10
42	10500	54	78	2	0.4	6	2	10
43	9900E-10550N	30	160	2	0.4	2	1	10
44	9800E-10050N	14	50	1	0.2	1	2	10
45	10075	14	56	1	0.2	1	2	10
46	10100	8	24	1	0.2	1	1	10
47	10125	24	52	2	0.2	2	2	10
48	10175	22	58	1	0.2	2	1	10
49	9800E-10200N	36	62	2	0.2	6	2	10

K.G./D.R.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au
								8806-060 Pg. 2 of 8
50	9800E-10225	32	56	1	0.2	12	2	10
51	10250	28	64	2	0.2	8	2	10
52	10275	50	64	2	0.2	2	2	10
53	10300	24	70	2	0.2	4	2	10
54	10350	34	68	2	0.2	12	2	10
55	10375	38	68	4	0.2	4	2	10
56	10425	16	58	4	0.2	12	2	10
57	10450	50	32	1	0.2	1	1	10
58	10475	64	120	2	0.2	8	1	10
59	9800E-10500N	16	36	1	0.2	1	2	10
60	9700E-10000N	24	64	2	0.2	12	2	10
61	10075	24	52	1	0.2	1	2	10
62	10100	54	66	1	0.2	10	2	10
63	10125	38	54	1	0.2	6	2	10
64	10150	16	54	1	0.2	4	1	10
65	10175	32	62	4	0.2	6	2	10
66	10200	46	72	2	0.2	14	4	10
67	10225	54	72	1	0.2	10	2	10
68	10250	74	100	2	0.2	14	2	10
69	10275	90	68	2	0.2	1	2	10
70	10300	22	62	2	0.2	12	1	10
71	10325	24	68	4	0.4	6	2	10
72	10350	64	80	8	0.4	10	2	10
73	10375	10	42	4	0.2	10	4	10
74	10400	24	46	2	0.2	6	2	10
7'	10425	54	88	2	0.2	10	1	10
76	10450	14	40	1	0.2	1	1	10
77	10475	82	72	4	0.4	6	2	10
78	10500	54	68	2	0.2	6	2	10
79	10975	16	62	2	0.2	1	2	10
80	9700E-11000N	28	62	2	0.2	4	2	10
81	9600E-10050N	44	80	2	0.2	4	2	10
82	10075	70	68	4	0.4	4	2	10
83	10225	24	60	4	0.2	12	2	10
84	10250	28	62	6	0.4	6	2	10
85	10275	54	90	6	0.2	10	2	10
86	10300	22	66	4	0.2	8	2	10
87	10325	64	140	6	0.6	1	2	10
88	10350	70	100	8	0.4	10	4	10
89	10375	74	170	10	0.4	4	2	10
90	10400	26	78	6	0.2	8	2	30
91	10425	20	80	6	0.2	14	2	10
92	9600E-11000N	46	70	2	0.4	6	2	10
93	9500E-10075N	22	54	1	0.2	2	2	10
94	10100	56	120	2	0.2	4	2	10
95	10125	40	42	1	0.2	4	2	10
96	10200	24	62	2	0.2	4	2	10
97	10225	62	70	2	0.6	2	2	10
98	10250	24	56	2	0.2	6	2	10
99	9500E-10275N	22	62	4	0.2	1	2	10
00	CHECK NL-6	48	140	64	1.0	90	20	-
0.	9500E-10300N	88	74	4	0.4	2	4	10
02	10325	46	68	4	0.2	10	2	10
03	10350	52	76	4	0.2	10	2	10
04	10375	110	48	4	0.6	14	2	10
05	10425	18	44	1	0.2	22	2	10
06	9500E-10475N	26	76	8	0.2	10	4	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au	8806-060 Pg. 3 of 8
10	9500E-10500N	8	38	6	0.2	18	2	10	
108	9400E-10025N	24	52	1	0.2	12	2	10	
109	10050	30	52	1	0.2	12	2	10	
110	10075	26	58	1	0.2	10	2	10	
111	10100	40	62	2	0.2	12	2	10	
112	10125	64	80	2	0.2	4	2	10	
113	10150	78	100	4	0.2	1	4	10	
114	10175	26	68	4	0.2	2	4	10	
115	10200	52	72	4	0.4	8	4	10	
116	10225	32	66	4	0.2	8	2	10	
117	10250	36	100	1	0.2	6	1	10	
118	10275	16	76	2	0.2	14	2	10	
119	10300	58	84	2	0.4	6	2	10	
120	10325	26	58	10	0.4	84	2	10	
121	10350	16	84	8	0.4	4	2	10	
122	10375	24	68	4	0.4	4	2	10	
123	10400	50	58	4	0.4	10	1	10	
124	10425	76	110	2	0.6	1	2	10	
125	10450	30	100	4	0.6	1	2	10	
126	10475	18	56	4	0.4	1	2	10	
127	10500	14	58	12	0.4	1	2	10	
128	10525	16	46	20	0.6	4	2	10	
129	10700	34	110	2	0.6	8	2	10	
130	10950	110	66	2	1.4	1	2	10	
131	10975	34	68	1	0.4	1	2	10	
132	9400E-11000N	22	50	1	0.2	1	1	10	
133	9300E-10050N	66	80	1	0.4	1	4	10	
134	10100	82	110	2	0.6	4	2	10	
135	10125	52	92	2	0.6	2	2	10	
136	10175	34	74	1	0.4	6	2	10	
137	10200	30	72	2	0.4	34	2	10	
138	10225	52	160	4	0.4	4	2	10	
139	10250	12	72	6	0.4	1	1	10	
140	10275	62	66	1	0.2	1	1	10	
41	10300	18	80	2	0.4	6	1	10	
42	10325	30	60	2	0.6	10	1	10	
43	10350	20	68	2	0.4	4	2	10	
44	10400	32	66	1	0.4	2	2	10	
45	10450	18	78	4	0.6	2	2	10	
46	10475	70	120	2	0.6	1	2	10	
47	10475	24	96	1	0.6	1	2	10	
48	10500	16	58	4	0.6	4	2	10	
49	10525	14	60	38	0.4	16	2	10	
2	10575	12	54	52	0.2	8	2	10	
3	9300E-10875N	26	100	1	0.4	24	2	10	
4	9200E-10000N	28	66	2	0.4	12	2	10	
5	10025	32	66	2	0.4	22	2	10	
6	10050	20	58	2	0.2	6	2	10	
7	10075	50	76	4	0.6	12	2	10	
8	10100	22	68	4	0.4	38	2	10	
9	10125	32	110	4	0.6	48	2	10	
10	10150	34	74	8	0.6	16	1	10	
11	10175	22	68	4	0.4	1	2	10	
12	10200	34	110	4	0.4	2	1	10	
13	10225	38	120	4	0.4	1	2	10	
14	10250	40	76	2	0.4	1	2	10	
15	9200E-10275N	14	44	1	0.2	1	2	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au
								8806-060 Pg. 4 of 8
16	9200E-10300N	16	50	1	0.2	2	2	10
17	10325	130	88	4	0.6	1	2	10
18	10350	18	110	6	0.4	1	2	10
19	10375	14	52	2	0.2	1	2	10
20	10400	18	46	1	0.2	4	2	10
21	10425	18	50	2	0.4	1	2	10
22	10475	22	48	6	1.4	160	8	490
23	9200E-10550N	16	36	1	0.2	2	1	10
24	9100E-10000N	28	38	1	0.2	1	1	10
25	10025	22	56	1	0.2	6	2	10
26	10050	8	34	1	0.2	16	1	10
27	10075	32	50	4	0.4	1	2	10
28	10100	40	58	2	0.4	2	2	10
29	10125	46	76	1	0.4	4	1	10
30	10150	28	60	2	0.4	1	1	10
31	10175	28	48	1	0.6	14	2	10
32	10200	36	58	1	0.4	12	1	10
33	10225	40	64	1	0.6	10	2	10
34	10250	26	60	2	0.4	14	2	40
35	10275	16	54	2	0.2	10	2	10
36	10300	20	86	4	0.4	4	2	10
37	10325	22	100	2	0.4	6	2	10
38	10350	30	64	2	0.4	6	2	10
39	10375	42	120	6	1.2	860	6	120
40	10400	60	86	2	1.0	340	2	40
41	10425	46	70	2	0.8	88	2	10
42	10450	38	56	1	0.6	160	4	70
43	10475	24	40	2	0.6	180	4	40
44	10500	42	36	2	0.8	100	6	10
45	9100E-10525N	30	38	1	0.2	10	2	10
46	9000E-10075N	26	60	4	0.4	24	2	10
47	10100	20	52	4	0.4	20	2	10
48	10150	32	94	4	0.6	18	2	10
49	10175	36	64	1	0.4	2	2	10
50	10200	38	54	1	0.4	10	2	10
51	10250	16	46	1	0.2	8	2	10
52	10275	16	78	2	0.4	4	1	10
53	10300	32	92	1	0.6	2	2	10
54	10325	34	86	4	0.6	24	2	10
55	10350	36	88	2	0.6	80	2	10
56	10375	32	74	2	0.4	32	2	10
57	10400	22	100	4	0.8	110	2	10
58	10450	140	98	1	0.4	12	4	10
59	9000E-10475N	40	66	1	0.2	16	2	10
60	8900E-10100N	32	80	8	0.4	12	2	10
61	10125	34	78	2	0.6	12	2	10
62	10150	50	100	2	0.6	1	2	10
63	10175	32	72	1	0.6	24	2	10
64	10200	20	50	1	0.2	2	1	10
65	10225	50	84	4	0.6	10	2	10
66	10250	32	80	2	0.4	38	2	10
67	10275	38	48	2	0.2	40	2	10
68	10300	34	58	1	0.6	160	2	10
69	10325	26	64	4	1.0	200	2	10
70	10350	38	60	2	0.4	12	2	10
71	10375	48	66	1	2.0	2	2	10
72	8900E-10400N	28	46	2	0.2	2	2	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	Au
73	8900E-10425N	52	62	2	0.4	2	2	10
74	10450	24	78	6	4.0	1	2	10
75	10525	24	62	4	0.4	1	2	10
76	8900E-10550N	76	74	1	0.2	14	4	10
77	8800E-10025N	30	74	4	0.4	8	2	10
78	10050	18	62	4	0.2	12	1	10
79	10075	46	96	6	0.6	64	2	10
80	10100	44	84	4	0.4	240	2	20
81	10125	34	78	4	0.6	78	2	10
82	10150	36	74	6	0.6	190	2	10
83	10175	36	76	4	0.8	160	2	40
84	10200	40	74	8	0.8	180	2	40
85	10225	74	88	4	1.4	350	2	80
86	10250	58	60	1	0.2	2	2	10
87	10275	120	72	1	0.4	4	2	10
88	10300	30	54	2	0.4	4	2	10
89	10325	34	56	4	0.4	6	2	10
90	10350	50	58	4	0.4	1	2	10
91	10375	46	56	2	0.2	12	2	10
92	10400	44	68	2	0.4	2	1	10
93	10425	150	96	2	0.6	4	4	10
94	10450	56	66	2	0.4	6	2	10
95	10475	50	54	2	0.4	1	2	10
96	10500	64	60	2	0.4	10	2	10
97	8800E-10525N	44	54	1	0.2	10	4	10
98	8700E-9025N	12	62	2	0.4	6	2	10
99	8700E-9125N	16	76	4	0.4	18	2	10
100	CHECK NL-6	50	140	64	1.2	94	22	-
101	8700E-9150N	14	52	2	0.2	20	2	10
102	10200	24	66	2	0.2	20	2	10
103	10225	22	68	2	0.4	4	4	10
104	10250	30	50	1	0.2	16	2	10
105	10275	54	68	2	0.2	6	2	10
106	10300	100	72	1	0.2	16	2	10
107	10325	72	64	1	0.2	12	2	10
108	10350	30	72	2	0.4	10	2	10
109	10375	94	70	1	0.2	8	2	10
110	10400	52	62	1	0.4	4	2	10
111	10450	50	62	2	0.4	12	2	10
112	8700E-10975N	14	54	2	0.2	130	2	10
113	8600E-10100N	16	50	1	0.2	14	2	10
114	10250	72	62	2	0.4	10	2	10
115	10275	68	74	1	0.4	8	2	10
116	10300	48	60	2	0.2	12	4	10
117	10350	40	54	1	0.4	18	4	10
118	10400	70	64	1	0.2	2	2	10
119	10450	66	66	1	0.4	8	4	30
120	10475	52	56	1	0.2	2	2	10
121	10500	90	62	1	0.4	6	1	10
122	10575	44	46	1	0.4	20	1	10
123	10800	34	100	1	0.2	26	1	10
124	10950	22	54	2	0.4	100	1	10
125	11300	20	88	1	0.4	20	1	10
126	11325	18	68	2	0.2	8	1	10
127	11350	26	64	1	0.2	28	1	10
128	11375	26	38	1	0.2	60	1	10
129	8600E-11425N	20	52	1	0.2	16	1	10

PPB 8806-060

T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	Au	Pg. 6 of 8
130	8600E-11450N	24	48	1	0.2	42	1	10	
131	11525	24	76	2	0.4	24	2	10	
132	11550	16	54	2	0.4	20	1	10	
133	11575	120	88	1	0.2	16	2	10	
134	11600	22	64	2	0.2	22	1	10	
135	11700	28	68	1	0.4	14	2	10	
136	12275	26	70	6	0.6	66	1	10	
137	12300	16	56	4	1.0	54	2	10	
138	12325	20	46	1	0.6	42	1	10	
139	12375	22	60	1	0.6	60	2	10	
140	12400	10	38	2	0.4	30	2	10	
141	12425	8	38	2	0.2	22	1	10	
142	12450	14	46	4	0.2	62	1	10	
143	12475	10	38	2	0.2	12	1	10	
144	8600E-12500N	8	44	1	0.2	14	1	10	
145	8500E-10000N	12	54	1	0.2	8	1	10	
146	10150	42	52	1	0.2	24	1	10	
147	10175	66	68	1	0.2	16	1	10	
148	10200	56	80	2	0.4	36	1	10	
149	10325	66	56	1	0.2	26	1	10	
2	10350	28	52	4	0.2	8	2	10	
3	10375	56	58	2	0.2	6	2	10	
4	10400	80	86	2	0.2	2	2	10	
5	10425	36	64	4	0.4	8	1	10	
6	10475	60	62	2	0.4	12	1	10	
7	10550	68	64	2	0.2	8	1	10	
8	10700	22	54	2	0.2	14	1	10	
9	10800	44	92	10	1.0	22	1	10	
10	10825	48	84	14	1.0	36	1	10	
11	10850	32	44	2	0.4	12	1	10	
12	10875	32	56	2	0.4	22	1	10	
13	10900	38	66	2	0.6	50	1	10	
14	10925	62	62	4	0.6	58	1	10	
15	8500E-11000N	42	54	2	0.4	12	1	10	
16	8400E-10150N	30	70	4	0.4	24	1	10	
17	10400	70	58	4	0.6	44	1	10	
18	10425	46	78	2	0.2	16	1	10	
19	10450	54	54	4	0.4	16	1	10	
20	10500	20	56	2	0.2	12	1	10	
21	8400E-10775N	28	98	1	0.2	310	1	10	
22	8300E-9025N	38	54	1	0.2	2	1	10	
23	9050	26	46	1	0.2	4	1	10	
24	9100	22	48	1	0.2	6	1	10	
25	9125	18	50	2	0.2	6	1	10	
26	9150	18	52	2	0.2	12	1	10	
27	9200	16	52	2	0.2	6	1	10	
28	9225	16	58	2	0.2	6	1	10	
29	9250	18	64	2	0.2	8	1	10	
30	9275	20	64	4	0.2	6	1	10	
31	9300	22	68	6	0.4	8	1	10	
32	10400	70	52	4	0.6	8	1	10	
33	10425	32	56	6	0.2	6	1	20	
34	10450	60	66	6	0.4	12	1	10	
35	8300E-10475N	64	78	4	0.2	8	1	10	
36	8200E-10225N	18	48	4	0.4	10	1	10	
37	10275	22	44	2	0.2	12	1	10	
38	8200E-10300N	18	48	2	0.4	12	1	10	

T. o.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au	8806-060 Pg. 7 of 8
39	8200E-10325N	82	42	4	0.4	6	1	10	
40	10350	20	46	2	0.4	10	1	10	
41	10375	54	52	2	0.4	1	1	10	
42	10400	90	78	2	0.2	6	1	10	
43	10425	110	44	2	0.4	16	1	10	
44	10475	48	94	6	0.4	18	2	10	
45	10500	42	64	6	0.4	14	1	10	
46	10525	72	78	2	0.2	4	1	10	
47	10550	40	60	2	0.2	6	1	10	
48	10650	14	34	2	0.4	1	1	10	
49	8200E-10900N	22	58	4	0.4	8	1	10	
50	8100E-9100N	28	62	4	0.4	1	1	10	
51	9125	18	62	4	0.2	1	1	10	
52	9150	16	44	4	0.4	1	1	10	
53	9225	18	64	6	0.4	1	1	10	
54	9250	26	78	2	0.4	1	1	10	
55	9325	18	50	6	0.4	4	1	10	
56	9375	22	66	4	0.2	1	1	10	
57	9425	28	54	4	0.4	1	1	10	
58	9450	40	64	4	0.2	1	1	10	
59	9475	56	46	2	0.2	1	1	10	
60	9500	52	76	4	0.2	2	1	10	
61	11050	28	54	4	0.2	16	1	10	
62	11075	24	60	6	0.4	8	1	10	
63	11150	130	96	2	0.2	18	1	10	
64	11375	20	60	6	0.4	10	1	10	
65	11400	64	78	4	0.4	28	1	10	
66	8100E-11600N	38	54	2	0.2	26	2	10	
67	39612	22	58	4	0.2	16	1	10	
68	39613	32	70	4	0.4	38	1	20	
69	39614	34	66	10	1.0	210	6	60	
70	39615	24	64	4	0.4	28	1	30	
71	39616	26	28	10	1.0	260	4	60	
72	39617	16	28	8	2.4	250	4	1100	
73	39618	18	48	6	0.8	150	2	460	
74	39619	14	38	4	0.6	84	2	210	CONTROL SAMPLES FROM NT-1
75	39620	24	42	8	2.8	300	6	810	
76	39621	16	34	6	1.2	240	4	280	
77	39622	20	40	4	1.0	250	2	260	
78	39623	34	48	6	1.6	440	4	830	
79	39624	20	26	8	1.0	310	4	200	
80	39625	18	44	4	0.8	290	2	270	
81	39626	12	38	2	0.6	170	1	140	
82	39627	30	60	10	1.0	460	4	200	
83	39640	30	76	6	0.4	12	2	10	— 9300E 1042SN
84	39646	76	110	2	1.4	540	2	60	— 9110E 1042SN
85	39650	8	18	46	0.4	20	6	10	— 9300E 1051ON
86	39651	24	36	4	0.6	160	6	160	— 9110E 1051ON
	40001	38	46	2	0.4	10	2	10	
	40002	26	62	2	0.2	34	1	10	
	40003	18	60	2	0.2	10	1	10	
	40004	22	60	1	0.2	6	1	10	
	40005	26	62	2	0.2	2	1	10	
	40006	54	68	1	0.2	4	2	10	RECONNAISSANCE SAMPLES
	40007	42	50	1	0.2	2	2	10	
	40008	100	86	1	0.2	4	2	10	
	40009	80	98	1	0.2	1	2	10	

.T. o.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au	8806-060 Pg. 8 of 8
96	40010	26	42	2	0.4	4	1	10	
97	40011	60	62	1	0.2	8	1	10	
98	40012	160	110	1	0.4	52	2	10	
99	40013	170	110	1	0.4	60	6	10	
00	CHECK NL-6	48	140	64	1.2	90	20	–	
01	40014	90	74	2	0.4	60	2	10	RECONNAISSANCE SAMPLES
02	40015	40	46	1	0.4	12	1	10	
03	40016	82	82	12	0.6	26	1	10	
04	40017	120	76	1	0.4	34	2	10	
05	40018	86	56	1	0.4	16	1	10	
06	40019	74	48	2	0.4	12	1	10	
07	40020	56	120	1	0.2	10	2	10	
08	10425N-9120E	76	140	2	1.0	780	2	30	
09	9130	36	80	2	1.2	680	2	40	
10	9140	48	84	10	4.4	960	4	90	
11	9150	32	98	6	0.4	380	2	30	
12	9160	12	48	2	0.4	26	2	10	
13	9170	24	60	4	0.2	16	2	10	
14	9180	30	62	2	0.4	24	2	10	
15	9190	20	54	2	0.4	12	2	10	
16	9210	14	44	2	0.2	8	1	10	
17	9220	22	54	4	0.4	8	1	10	
18	9230	18	56	4	0.4	10	2	10	
19	9240	34	94	6	0.2	12	2	10	
20	9250	26	76	4	0.4	18	2	10	
21	9260	14	88	2	0.4	10	2	10	
22	9270	16	66	6	0.2	6	2	10	
23	9280	16	56	2	0.2	12	1	10	
24	10425N-9290E	20	58	6	0.2	6	2	10	
25	10510N-9120E	24	38	4	0.4	100	8	10	
26	9130	32	50	4	0.6	120	10	80	
27	9140	26	38	2	0.4	98	8	50	
28	9150	28	44	4	1.0	110	12	60	
29	9160	22	40	2	0.2	64	4	20	
30	9170	66	64	2	0.2	62	6	20	
31	9180	110	82	2	0.2	42	4	30	
32	9190	74	66	4	0.4	58	4	30	
33	9200	110	80	2	0.2	26	4	20	
34	9210	30	50	4	0.4	54	2	30	
35	9220	62	66	4	0.4	92	4	50	
36	9227	74	64	4	0.4	88	4	110	
37	9240	36	42	6	0.4	160	2	80	
38	9260	4	20	1	0.2	42	1	10	
39	9270	32	44	6	0.6	220	2	150	
40	9280	52	46	4	0.6	160	2	260	
41	10510N-9290E	40	100	22	0.2	90	2	110	
42	10550N-9315E	10	66	8	0.2	20	2	10	

Mt. Nansen (KG) 8806-060

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: JULY 04 1988
DATE REPORT MAILED: July 7/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: SOIL PULPS HG ANALYSIS BY FLAMLESS AA.

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

NORANDA EXPLORATION PROJECT-8806-060 337 File # 88-2433 Page 1

SAMPLE#	HG ppb
8100E 11600N	10
8100E 11400N	20
8100E 11375N	10
8100E 11150N	5
8100E 11075N	10
8100E 11050N	20
8100E 9500N	5
8100E 9475N	30
8100E 9450N	10
8100E 9425N	20
8100E 9375N	10
8100E 9325N	20
8100E 9250N	10
8100E 9225N	20
8100E 9150N	10
8100E 9125N	5
8100E 9100N	10
8200E 10900N	10
8200E 10650N	5
8200E 10550N	10
8200E 10525N	5
8200E 10500N	10
8200E 10475N	5
8200E 10425N	50
8200E 10400N	10
8200E 10375N	20
8200E 10350N	5
8200E 10325N	20
8200E 10300N	10
8200E 10275N	10
8200E 10225N	10
8300E 10475N	5
8300E 10450N	10
8300E 10425N	5
8300E 10400N	30
8300E 9300N	5

SAMPLE#	HG ppb
8300E 9275N	10
8300E 9250N	5
8300E 9225N	5
8300E 9200N	5
8300E 9150N	5
8300E 9125N	5
8300E 9100N	5
8300E 9050N	5
8300E 9025N	5
8400E 10775N	70
8400E 10500N	10
8400E 10450N	5
8400E 10425N	5
8400E 10400N	10
8400E 10150N	20
8500E 11000N	5
8500E 10925N	5
8500E 10900N	5
8500E 10875N	5
8500E 10850N	5
8500E 10825N	20
8500E 10800N	50
8500E 10700N	20
8500E 10550N	5
8500E 10475N	5
8500E 10425N	5
8500E 10400N	5
8500E 10375N	5
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8500E 10325N	5
8500E 10200N	30
8500E 10175N	5
8500E 10150N	5
8500E 10000N	5
8600E 12500N	5
8600E 12475N	5

SAMPLE#	HG ppb
8600E 12450N	20
8600E 12425N	5
8600E 12400N	10
8600E 12375N	10
8600E 12325N	20
8600E 12300N	20
8600E 12275N	30
8600E 11700N	10
8600E 11600N	5
8600E 11575N	5
8600E 11550N	5
8600E 11525N	10
8600E 11450N	5
8600E 11425N	5
8600E 11375N	10
8600E 11350N	20
8600E 11325N	5
8600E 11300N	20
8600E 10950N	60
8600E 10800N	40
8600E 10575N	30
8600E 10500N	10
8600E 10475N	5
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8600E 10300N	5
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8600E 10100N	20
8700E 10475N	40
8700E 10450N	10
8700E 10400N	5
8700E 10375N	5
8700E 10350N	5
8700E 10325N	5

SAMPLE#	HG ppb
8700E 10300N	5
8700E 10275N	20
8700E 10250N	5
8700E 10225N	5
8700E 10200N	5
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8700E 9125N	5
8700E 9025N	10
8800E 10525N	5
8800E 10500N	10
8800E 10475N	5
8800E 10450N	20
8800E 10425N	20
8800E 10400N	10
8800E 10375N	5
8800E 10350N	10
8800E 10325N	5
8800E 10300N	5
8800E 10275N	80
8800E 10250N	5
8800E 10225N	680
8800E 10200N	360
8800E 10175N	260
8800E 10150N	410
8800E 10125N	170
8800E 10100N	150
8800E 10075N	300
8800E 10050N	40
8800E 10025N	50
8900E 10550N	10
8900E 10525N	10
8900E 10450N	5
8900E 10425N	5
8900E 10400N	5
8900E 10375N	5
8900E 10350N	50

SAMPLE#	HG ppb
8900E 10325N	120
8900E 10300N	110
8900E 10275N	70
8900E 10250N	90
8900E 10225N	150
8900E 10200N	50
8900E 10175N	80
8900E 10150N	60
8900E 10125N	50
8900E 10100N	40
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9000E 10450N	10
9000E 10400N	80
9000E 10375N	90
9000E 10350N	280
9000E 10325N	110
9000E 10300N	10
9000E 10275N	5
9000E 10250N	5
9000E 10200N	60
9000E 10175N	20
9000E 10150N	60
9000E 10100N	40
9000E 10075N	80
9100E 10525N	40
9100E 10500N	500
9100E 10475N	350
9100E 10450N	360
9100E 10425N	230
9100E 10400N	1500
9100E 10375N	2600
9100E 10350N	10
9100E 10325N	30
9100E 10300N	10
9100E 10275N	5
9100E 10250N	5

SAMPLE#	HG ppb
9100E 10225N	10
9100E 10200N	30
9100E 10175N	120
9100E 10150N	20
9100E 10125N	40
9100E 10100N	50
9100E 10075N	40
9100E 10050N	70
9100E 10025N	60
9100E 10000N	40
9200E 10550N	20
9200E 10475N	180
9200E 10425N	20
9200E 10400N	10
9200E 10375N	80
9200E 10350N	20
9200E 10325N	110
9200E 10300N	5
9200E 10275N	5
9200E 10250N	10
9200E 10225N	20
9200E 10200N	10
9200E 10175N	30
9200E 10150N	90
9200E 10125N	80
9200E 10100N	70
9200E 10075N	150
9200E 10050N	20
9200E 10025N	130
9200E 10000N	90
9300E 10875N	100
9300E 10575N	40
9300E 10525N	5
9300E 10500N	5
9300E 10475N	10
9300E 10475AN	5

SAMPLE#	HG ppb
9300E 10450N	10
9300E 10400N	5
9300E 10350N	10
9300E 10325N	30
9300E 10300N	20
9300E 10275N	90
9300E 10250N	60
9300E 10225N	20
9300E 10200N	50
9300E 10175N	60
9300E 10125N	30
9300E 10100N	10
9300E 10050N	5
9400E 11000N	5
9400E 10975N	5
9400E 10950N	120
9400E 10700N	50
9400E 10525N	120
9400E 10500N	20
9400E 10475N	5
9400E 10450N	5
9400E 10425N	30
9400E 10400N	90
9400E 10375N	120
9400E 10350N	60
9400E 10325N	300
9400E 10300N	50
9400E 10275N	10
9400E 10250N	5
9400E 10225N	5
9400E 10200N	20
9400E 10175N	5
9400E 10150N	10
9400E 10125N	20
9400E 10100N	10
9400E 10075N	30

SAMPLE#	HG ppb
9400E 10050N	40
9400E 10025N	30
9500E 10500N	5
9500E 10475N	30
9500E 10425N	20
9500E 10375N	80
9500E 10350N	20
9500E 10325N	20
9500E 10300N	30
9500E 10275N	10
9500E 10250N	10
9500E 10225N	90
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9600E 11000N	30
9600E 10425N	5
9600E 10400N	5
9600E 10375N	5
9600E 10350N	10
9600E 10325N	20
9600E 10300N	5
9600E 10275N	5
9600E 10250N	5
9600E 10225N	5
9600E 10075N	40
9600E 10050N	10
9700E 11000N	5
9700E 10975N	5
9700E 10500N	30
9700E 10475N	80
9700E 10450N	5
9700E 10425N	5
9700E 10400N	10
9700E 10375N	5

SAMPLE#	HG ppb
9700E 10350N	10
9700E 10325N	5
9700E 10300N	5
9700E 10275N	70
9700E 10250N	40
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9700E 10200N	30
9700E 10175N	10
9700E 10150N	5
9700E 10125N	40
9700E 10100N	30
9700E 10075N	20
9700E 10000N	10
9800E 10500N	5
9800E 10475N	5
9800E 10450N	60
9800E 10425N	5
9800E 10375N	20
9800E 10350N	10
9800E 10300N	5
9800E 10275N	5
9800E 10250N	5
9800E 10225N	5
9800E 10200N	10
9800E 10175N	20
9800E 10125N	5
9800E 10100N	10
9800E 10075N	5
9800E 10050N	5
9900E 10550N	10
9900E 10500N	5
9900E 10475N	5
9900E 10450N	10
9900E 10425N	5
9900E 10400N	30
9900E 10375N	5

SAMPLE#	HG ppb
9900E 10300N	5
9900E 10275N	10
9900E 10250N	20
9900E 10225N	5
9900E 10200N	5
9900E 10175N	10
9900E 10150N	5
9900E 10050N	30
10000E 10850N	10
10000E 10825N	5
10000E 10750N	10
10000E 10725N	5
10000E 10650N	5
10000E 10600N	5
10000E 10550N	20
10000E 10525N	5
10000E 10500N	20
10000E 10475N	5
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10000E 10400N	30
10000E 10375N	5
10000E 10350N	10
10000E 10325N	5
10000E 10300N	10
10000E 10275N	10
10000E 10250N	20
10000E 10225N	5
10000E 10200N	5
10000E 10175N	5
10000E 10125N	10
10000E 10100N	20
10000E 10075N	5
10000E 10050N	5
10000E 10025N	30

SAMPLE#	HG ppb
9120E 10425N	2800
9130E 10425N	670
9140E 10425N	13200
9150E 10425N	2200
9160E 10425N	200
9170E 10425N	80
9180E 10425N	120
9190E 10425N	50
9210E 10425N	80
9220E 10425N	50
9230E 10425N	50
9240E 10425N	130
9250E 10425N	70
9260E 10425N	170
9270E 10425N	60
9280E 10425N	40
9290E 10425N	70
9120E 10510N	290
9130E 10510N	470
9140E 10510N	220
9150E 10510N	170
9160E 10510N	40
9170E 10510N	90
9180E 10510N	150
9190E 10510N	140
9200E 10510N	80
9210E 10510N	70
9220E 10510N	100
9227E 10510N	270
9240E 10510N	380
9260E 10510N	70
9270E 10510N	350
9280E 10510N	640
9290E 10510N	610
9315E 10550N	120

SAMPLE#	HG ppb
P 39612	110
P 39613	310
P 39614	470
P 39615	170
P 39616	210
P 39617	1100
P 39618	220
P 39619	260
P 39620	520
P 39621	270
P 39622	280
P 39623	600
P 39624	800
P 39625	330
P 39626	280
P 39627	650
P 39640	170
P 39646	3200
P 39650	120
P 39651	650
P 40001	100
P 40002	90
P 40003	60
P 40004	70
P 40005	100
P 40006	80
P 40007	50
P 40008	90
P 40009	50
P 40010	50
P 40011	40
P 40012	30
P 40013	50
P 40014	50
P 40015	40
P 40016	40

SAMPLE#	HG ppb
P 40017	20
P 40018	10
P 40019	20
P 40020	10

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: NANSEN CODE :8807-065

Project No. : 337 Sheet:1 of 5 Date rec'd:JUL18

Material :234 SOILS Geol.:K.G. Date compl:AUG09

Remarks :

Values in PPM, except where noted.

T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB Au
2	8400E-10500N	32	60	4	0.2	18	20
3	10525	68	50	1	0.2	6	10
4	10550	38	54	2	0.2	10	10
5	10575	54	48	2	0.2	8	10
6	10600	12	32	1	0.2	6	10
7	10625	18	44	1	0.2	6	10
8	10650	28	50	1	0.2	1	10
9	10675	42	56	1	0.2	16	10
10	10700	26	54	1	0.2	16	10
11	10725	64	82	4	0.2	74	10
12	10800	110	70	2	0.4	90	10
13	10825	94	82	2	0.4	200	10
14	10850	70	74	2	0.2	40	10
15	10875	68	70	1	0.2	44	10
16	10900	130	70	1	0.2	34	10
17	10925	110	78	1	0.2	36	10
18	10950	110	70	2	0.2	38	10
19	10975	64	100	10	0.4	28	10
20	8400E-11000N	78	78	1	0.2	22	10
21	8500E-10450N	100	76	1	0.2	8	10
22	10500	76	46	1	0.2	1	10
23	10525	54	60	1	0.2	6	10
24	10550	70	58	1	0.2	1	10
25	10575	64	52	1	0.2	10	10
26	10600	56	62	1	0.2	20	10
27	10625	30	56	1	0.2	18	10
28	10675	18	40	1	0.2	14	10
29	10750	50	36	1	0.2	18	10
30	10775	46	50	4	0.2	10	10
31	10800	38	120	10	0.2	26	10
32	10825	28	110	18	0.2	60	10
33	10850	30	40	1	0.2	12	20
34	10875	140	82	1	0.2	12	10
35	10900	120	78	1	0.4	42	10
36	10925	72	62	1	0.4	40	10
37	10950	64	74	1	0.2	36	10
38	8500E-10975N	100	72	1	0.2	1	10
39	8600E-10500N	100	82	1	0.2	1	10
40	10525	48	50	1	0.2	1	10
41	10550	100	72	1	0.2	1	10
42	10575	56	70	1	0.2	6	10
43	10600	26	56	1	0.2	4	10
44	10625	38	76	1	0.2	1	10
45	10675	24	64	1	0.2	1	10
46	10775	24	64	2	0.2	10	10
47	10875	24	74	4	0.4	38	10
48	10900	18	76	4	0.2	24	10
49	8600E-10925N	34	68	2	0.2	40	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB Au	8807-065 Pg. 2 of 5
[illegible]	8600E-10950N	38	94	2	0.2	86	10	
51	10975	42	92	1	0.2	300	10	
52	8600E-11000N	34	76	1	0.2	22	10	
53	8700E-10425N	52	44	1	0.2	1	10	
54	10450	42	44	1	0.2	1	10	
55	10475	86	68	1	0.2	1	10	
56	10500	68	60	1	0.2	10	10	
57	10550	72	62	1	0.2	10	10	
58	10575	78	66	1	0.2	1	10	
59	10600	88	64	1	0.2	10	10	
60	8700E-10750N	38	54	1	0.2	1	10	
61	8800E-10450N	52	72	1	0.2	1	10	
62	10475	82	66	1	0.2	1	10	
63	10500	120	80	1	0.2	1	10	
64	10525	60	62	1	0.2	1	10	
65	10550	300	88	2	0.6	1	10	
66	10575	130	74	1	0.2	1	10	
67	10600	120	82	1	0.2	1	10	
68	10625	56	62	1	0.2	1	10	
69	10675	30	74	1	0.2	1	10	
70	10700	44	78	1	0.2	6	10	
71	10800	60	80	1	0.2	6	10	
72	10825	72	76	1	0.2	8	10	
73	10875	84	82	1	0.2	1	10	
74	10925	16	44	1	0.2	1	10	
7[illegible]	8800E-11000N	38	140	1	0.2	1100	10	
76	8900E-10475N	130	82	1	0.2	6	10	
77	10525	32	74	2	0.2	4	10	
78	10550	70	70	1	0.2	1	10	
79	10575	64	62	1	0.2	1	10	
80	10600	52	54	1	0.2	1	10	
81	10625	120	76	1	0.2	12	10	
82	10650	52	64	1	0.2	1	10	
83	10675	38	66	1	0.2	1	10	
84	10700	30	34	1	0.2	1	10	
85	10750	38	64	1	0.2	1	10	
86	10775	32	76	1	0.2	1	10	
87	10800	20	66	2	0.2	1	10	
88	10825	26	70	2	0.2	1	10	
89	10850	78	90	1	0.4	1	10	
90	10900	40	64	1	0.2	1	10	
91	10925	46	64	1	0.2	16	10	
92	10950	58	60	1	0.2	10	10	
93	8900E-11000N	32	130	1	0.2	150	10	
94	9000E-10475N	70	90	1	0.2	40	10	
95	10500	24	68	2	0.2	6	10	
96	10525	32	64	1	0.2	8	10	
97	10575	56	78	1	0.2	26	10	
98	10625	58	78	1	0.2	22	10	
99	9000E-10650N	10	58	1	0.2	1	10	
[illegible]00	CHECK NL-6	50	140	60	1.0	94	–	
[illegible]0	9000E-10675N	38	62	2	0.2	1	10	
[illegible]02	10700	12	42	8	0.2	8	10	
[illegible]03	10725	48	72	24	0.2	20	10	
[illegible]04	10750	18	78	1	0.2	1	10	
[illegible]05	10800	44	74	1	0.2	1	10	
[illegible]06	9000E-10825N	64	60	1	0.2	8	10	

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB Au
							8807-065 Pg. 3 of 5
10	9000E-10875N	44	28	1	0.2	1	10
108	10900	26	48	1	0.2	1	10
109	10925	36	56	1	0.2	1	10
110	10975	100	180	1	0.2	180	10
111	9000E-11000N	16	78	1	0.2	300	10
112	9100E-10550N	64	64	1	0.2	40	10
113	10575	94	84	1	0.2	1	10
114	10600	90	76	1	0.2	1	10
115	10625	38	54	1	0.2	10	30
116	10675	4	46	2	0.2	1	10
117	10700	12	60	10	0.2	1	10
118	10725	22	70	4	0.4	1	10
119	10750	18	56	1	0.2	10	10
120	10775	30	80	16	0.2	1	10
121	10800	26	44	1	0.2	2	10
122	10825	36	56	1	0.2	6	10
123	10850	22	52	1	0.2	10	10
124	10875	8	46	1	0.2	8	10
125	10900	8	42	1	0.2	2	10
126	10925	8	42	2	0.2	2	10
127	10975	34	190	2	0.2	80	10
128	9100E-11000N	40	110	2	0.2	300	10
129	9200E-10450N	34	46	1	0.2	32	10
130	10500	40	54	8	0.2	110	10
131	10525	38	44	1	0.2	58	30
13'	10550	50	54	1	0.2	32	20
133	10575	40	56	2	0.2	16	10
134	10600	74	92	1	0.2	6	10
135	10625	48	60	1	0.2	2	10
136	10650	12	44	14	0.2	14	10
137	10675	18	52	52	0.2	28	10
138	10700	52	54	1	0.2	6	10
139	10725	58	76	2	0.2	4	10
140	10750	92	92	2	0.2	8	10
141	10775	54	110	22	0.4	8	10
142	10800	20	52	2	0.2	1	10
143	10825	32	48	4	0.2	6	30
144	10850	38	46	1	0.2	2	10
145	10875	10	34	1	0.2	2	10
146	10900	12	38	1	0.2	1	10
147	9200E-10925N	16	42	1	0.2	1	10
148	9300E-10375N	60	100	2	0.4	10	10
149	10400	52	120	1	0.2	1	10
2	10550	22	56	10	0.2	8	10
3	10600	14	56	26	0.2	10	10
4	10625	14	62	14	0.2	10	10
5	10650	10	46	12	0.2	14	10
6	10675	14	60	38	0.8	28	10
7	10700	18	78	12	0.2	8	10
8	10800	62	80	1	0.2	4	10
9	9300E-10850N	10	36	10	0.2	2	10
1(	9400E-10475N	38	110	1	0.4	4	10
11	10500	14	50	6	0.2	8	10
12	10525	8	38	16	0.2	2	10
13	10550	22	68	30	0.6	32	10
14	10575	4	36	22	0.2	10	10
15	9400E-10600N	8	38	18	0.2	16	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Au	PPB 8807-065 Pg. 4 of 5
.	9400E-10625N	18	62	28	0.4	34	10	
17	10650	16	60	42	0.2	44	10	
18	10675	52	80	8	0.4	34	10	
19	10700	46	90	6	0.4	26	10	
20	10725	24	82	2	0.2	20	10	
21	9400E-10750N	14	68	6	0.2	12	10	
22	9500E-10400N	52	110	1	0.4	12	10	
23	10425	14	56	1	0.2	24	10	
24	10450	46	98	6	0.4	490	10	
25	10475	26	150	16	0.2	6	10	
26	10500	32	70	8	0.2	8	10	
27	10525	18	58	4	0.2	6	10	
28	10550	10	48	8	0.2	4	10	
29	10575	6	34	8	0.2	16	10	
30	10600	32	58	20	0.6	72	10	
31	10625	10	46	6	0.2	16	10	
32	10650	16	52	16	0.2	32	10	
33	10675	42	62	18	0.4	60	10	
34	10700	38	82	8	0.4	50	10	
35	10725	44	120	1	0.2	6	10	
36	9500E-10775N	32	74	1	0.2	12	10	
37	9600E-10425N	24	96	1	0.2	1	10	
38	10450	68	70	2	0.4	1	10	
39	10475	60	100	4	0.4	6	10	
40	10500	36	56	1	0.2	1	10	
4	10525	32	56	2	0.2	36	10	
4.	10550	30	60	2	0.2	14	10	
43	10575	18	44	6	0.2	90	10	
44	10600	18	52	2	0.2	100	10	
45	10625	16	50	4	0.2	130	10	
46	10650	30	66	6	0.2	24	10	
47	10675	38	70	6	0.2	12	10	
48	10700	26	68	1	0.2	6	10	
49	10725	24	84	1	0.2	12	10	
50	10750	20	60	4	0.2	4	10	
51	10775	30	82	1	0.2	4	10	
52	10800	22	70	2	0.2	10	10	
53	10825	80	66	1	1.0	310	10	
54	9600E-10850N	26	70	4	0.2	4	10	
55	9700E-10400N	30	42	1	0.2	4	10	
56	10425	38	58	1	0.2	2	10	
57	10450	94	110	1	0.4	2	10	
58	10475	82	100	4	0.4	6	10	
59	10500	62	86	1	0.2	1	10	
60	10525	58	68	1	0.2	1	10	
61	10550	42	68	1	0.2	4	10	
62	10575	62	84	1	0.4	2	10	
63	10600	40	74	1	0.2	2	10	
64	10625	48	80	1	0.2	4	10	
65	10650	40	68	1	0.2	8	10	
66	10700	58	62	2	0.2	1	10	
6	10725	52	94	1	0.2	6	10	
68	10750	26	60	1	0.2	10	10	
69	10775	34	80	1	0.2	4	10	
70	10800	22	70	1	0.2	6	10	
71	10825	28	60	2	0.2	14	10	
72	9700E-10850N	20	62	2	0.2	6	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Au	PPB 8807-065 Pg. 5 of 5
7	9700E-10875N	18	56	1	0.2	46	10	
74	9700E-10900N	18	52	2	0.2	260	10	
75	9800E-10450N	110	42	1	0.6	10	10	
76	10475	78	100	1	0.2	4	10	
77	10500	44	58	1	0.2	2	10	
78	10525	36	48	2	0.2	6	10	
79	10550	34	58	1	0.2	1	10	
80	10575	36	62	1	0.2	2	10	
81	10600	34	50	2	0.2	12	30	
82	10625	34	54	1	0.2	10	10	
83	10650	72	80	1	0.2	8	10	
84	10675	54	86	1	0.2	6	10	
85	10700	46	84	2	0.2	22	10	
86	10725	28	60	1	0.2	2	10	
87	10750	46	70	1	0.2	30	10	
88	9800E-10775N	60	68	2	0.2	2	10	

Noranda (KS)

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

DATE RECEIVED: AUG 8 1988
DATE REPORT MAILED: Aug. 15/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: SOIL PULP HG ANALYSIS BY FLAMLESS AA.

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

NORANDA EXPLORATION PROJECT 8807-065 337 FILE # 88-3385 Page 1

SAMPLE#	HG ppb
8400E 10500N	5
8400E 10525N	5
8400E 10550N	10
8400E 10575N	10
8400E 10600N	20
8400E 10625N	10
8400E 10650N	20
8400E 10675N	40
8400E 10700N	50
8400E 10725N	110
8400E 10800N	120
8400E 10825N	60
8400E 10850N	70
8400E 10875N	50
8400E 10900N	80
8400E 10925N	40
8400E 10950N	150
8400E 10975N	110
8400E 11000N	100
8500E 10450N	10
8500E 10500N	20
8500E 10525N	20
8500E 10550N	10
8500E 10575N	30
8500E 10600N	90
8500E 10625N	40
8500E 10675N	10
8500E 10750N	30
8500E 10775N	40
8500E 10800N	30
8500E 10825N	20
8500E 10850N	5
8500E 10875N	10
8500E 10900N	20
8500E 10925N	30
8500E 10950N	10

SAMPLE#	HG ppb
8500E 10975N	50
8600E 10500N	5
8600E 10525N	5
8600E 10550N	5
8600E 10575N	30
8600E 10600N	10
8600E 10625N	30
8600E 10675N	40
8600E 10775N	30
8600E 10875N	40
8600E 10900N	10
8600E 10925N	70
8600E 10950N	80
8600E 10975N	410
8600E 11000N	60
8700E 10425N	20
8700E 10450N	30
8700E 10475N	10
8700E 10500N	5
8700E 10550N	5
8700E 10575N	20
8700E 10600N	90
8700E 10750N	50
8800E 10450N	20
8800E 10475N	10
8800E 10500N	5
8800E 10525N	5
8800E 10550N	100
8800E 10575N	5
8800E 10600N	5
8800E 10625N	5
8800E 10675N	20
8800E 10700N	30
8800E 10800N	40
8800E 10825N	40
8800E 10875N	20

SAMPLE#	HG ppb
8800E 10925N	20
8800E 11000N	40
8900E 10475N	110
8900E 10525N	20
8900E 10550N	10
8900E 10575N	10
8900E 10600N	5
8900E 10625N	5
8900E 10650N	30
8900E 10675N	20
8900E 10700N	20
8900E 10750N	10
8900E 10775N	40
8900E 10800N	30
8900E 10825N	30
8900E 10850N	60
8900E 10900N	20
8900E 10925N	5
8900E 10950N	10
8900E 11000N	80
9000E 10475N	5
9000E 10500N	10
9000E 10525N	10
9000E 10575N	40
9000E 10625N	10
9000E 10650N	20
9000E 10675N	50
9000E 10700N	40
9000E 10725N	60
9000E 10750N	50
9000E 10800N	10
9000E 10825N	40
9000E 10875N	30
9000E 10900N	5
9000E 10925N	5
9000E 10975N	60
9000E 11000N	20

SAMPLE#	HG ppb
9100E 10550N	5
9100E 10575N	10
9100E 10600N	10
9100E 10625N	20
9100E 10675N	20
9100E 10700N	30
9100E 10725N	50
9100E 10750N	10
9100E 10775N	20
9100E 10800N	10
9100E 10825N	10
9100E 10850N	5
9100E 10875N	10
9100E 10900N	5
9100E 10925N	5
9100E 10975N	100
9100E 11000N	140
9200E 10450N	110
9200E 10500N	80
9200E 10525N	70
9200E 10550N	40
9200E 10575N	40
9200E 10600N	10
9200E 10625N	30
9200E 10650N	5
9200E 10675N	120
9200E 10700N	10
9200E 10725N	10
9200E 10750N	20
9200E 10775N	5
9200E 10800N	5
9200E 10825N	10
9200E 10850N	5
9200E 10875N	5
9200E 10900N	20
9200E 10925N	30

SAMPLE#	HG ppb
9300E 10375N	190
9300E 10400N	30
9300E 10550N	30
9300E 10600N	20
9300E 10625N	40
9300E 10650N	30
9300E 10675N	360
9300E 10700N	100
9300E 10800N	50
9300E 10850N	200
9400E 10475N	20
9400E 10500N	30
9400E 10525N	40
9400E 10550N	210
9400E 10575N	5
9400E 10600N	10
9400E 10625N	150
9400E 10650N	280
9400E 10675N	150
9400E 10700N	90
9400E 10725N	70
9400E 10750N	140
9500E 10400N	20
9500E 10425N	10
9500E 10450N	450
9500E 10475N	20
9500E 10500N	30
9500E 10525N	5
9500E 10550N	10
9500E 10575N	5
9500E 10600N	140
9500E 10625N	10
9500E 10650N	50
9500E 10675N	110
9500E 10700N	120
9500E 10725N	20

SAMPLE#	HG ppb
9500E 10775N	40
9600E 10425N	20
9600E 10450N	80
9600E 10475N	120
9600E 10500N	10
9600E 10525N	190
9600E 10550N	80
9600E 10575N	90
9600E 10600N	30
9600E 10625N	30
9600E 10675N	90
9600E 10700N	10
9600E 10725N	30
9600E 10750N	30
9600E 10775N	10
9600E 10800N	40
9600E 10825N	120
9600E 10850N	60
9700E 10400N	20
9700E 10425N	10
9700E 10450N	10
9700E 10475N	30
9700E 10500N	40
9700E 10525N	20
9700E 10550N	20
9700E 10575N	20
9700E 10600N	20
9700E 10625N	20
9700E 10650N	30
9700E 10700N	50
9700E 10725N	5
9700E 10750N	10
9700E 10775N	10
9700E 10800N	20
9700E 10825N	40
9700E 10850N	40

SAMPLE#	HG ppb
9700E 10875N	30
9700E 10900N	140
9800E 10450N	180
9800E 10475N	20
9800E 10500N	5
9800E 10525N	20
9800E 10550N	10
9800E 10575N	10
9800E 10600N	5
9800E 10625N	5
9800E 10650N	40
9800E 10675N	30
9800E 10700N	20
9800E 10725N	20
9800E 10750N	70
9800E 10775N	80

1st RR Mt. Nansen

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

DATE RECEIVED: JUL 26 1988
DATE REPORT MAILED: July 28/88

GEOCHEMICAL ANALYSIS CERTIFICATE

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

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

NORANDA EXPLORATION LTD PROJECT 8806-060 337 FILE # 88-2433R Page 1

SAMPLE#	AU* ppb
8800E 10525N	1
8800E 10500N	1
8800E 10475N	14
8800E 10450N	1
8800E 10425N	19
8800E 10400N	1
8800E 10375N	1
8800E 10350N	41
8800E 10325N	1
8800E 10300N	1
8800E 10275N	1
8800E 10250N	1
8800E 10225N	142
8800E 10200N	41
8800E 10175N	46
8800E 10150N	38
8800E 10125N	23
8800E 10100N	27
8800E 10075N	16
8800E 10050N	1
8800E 10025N	1
8900E 10550N	1
8900E 10525N	1
8900E 10450N	5
8900E 10425N	1
8900E 10400N	1
8900E 10375N	1
8900E 10350N	5
8900E 10325N	61
8900E 10300N	8
8900E 10275N	6
8900E 10250N	3
8900E 10225N	1
8900E 10200N	3
8900E 10175N	1
8900E 10150N	7
8900E 10125N	5
8900E 10100N	3

hy AG

SAMPLE#	AU* ppb
9000E 10475N	1
9000E 10450N	1
9000E 10400N	1
9000E 10375N	1
9000E 10350N	21
9000E 10325N	3
9000E 10300N	1
9000E 10275N	9
9000E 10250N	12
9000E 10200N	1
9000E 10175N	2
9000E 10150N	1
9000E 10100N	1
9000E 10075N	1

2nd RR Mt. Nansen

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

DATE RECEIVED: AUG 5 1988
DATE REPORT MAILED: Aug. 9/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

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

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

NORANDA EXPLORATION LTD PROJECT 8806-060 337 FILE # 88-2433R Page 1

SAMPLE#	AU* ppb
8800E 10525N	1
8800E 10500N	2
8800E 10475N	1
8800E 10450N	1
8800E 10425N	2
8800E 10400N	1
8800E 10375N	1
8800E 10350N	1
8800E 10325N	1
8800E 10300N	1
8800E 10275N	5
8800E 10250N	1
8800E 10225N	126
8800E 10200N	31
8800E 10175N	51
8800E 10150N	42
8800E 10125N	23
8800E 10100N	24
8800E 10075N	17
8800E 10050N	5
8800E 10025N	1
8900E 10550N	10
8900E 10525N	1
8900E 10450N	1
8900E 10425N	1
8900E 10400N	1
8900E 10375N	15
8900E 10350N	4
8900E 10325N	73
8900E 10300N	9
8900E 10275N	1
8900E 10250N	3
8900E 10225N	2
8900E 10200N	73
8900E 10175N	1
8900E 10150N	7
8900E 10125N	5
8900E 10100N	4

Au. RG

SAMPLE#	AU* ppb
9000E 10475N	1
9000E 10450N	1
9000E 10400N	1
9000E 10375N	1
9000E 10350N	6
9000E 10325N	6
9000E 10300N	1
9000E 10275N	1
9000E 10250N	1
9000E 10200N	1
9000E 10175N	1
9000E 10150N	3
9000E 10100N	4
9000E 10075N	9

APPENDIX 2

Rock Sample Descriptions and Geochemical Results

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 I/3

PROPERTY E.Curley (DOWS CLAIMS)

DATE Oct. 87

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
2351	Grey glassy brecciated quartz zone with		chip	5m								H.C.
	rhyolite clasts & fragments throughout											
	zone larger than sample width											
2352	as 22352 approx. 10 metres east of 51		chip	3m								
2353	intensely argillically altered feldspar		chip	3m								
	porphyritic rhyolite, minor silver coloured											
	mineral in one piece (not galena) grey											
	qtz stringers 0-5%											
2354	deep zone in trench (+10') grey qtz cobbles		grab									
	in clay matrix, heavily weathered											
2355	indistinct width (+3m?) of grey vein qtz &		grab									
	brecciated qtz with rounded rhyolite prophyry											
	clasts minor white fine gr. almost											
	chalcedonic qtz											
2356	intensely limonitic, clay alt rhyolite		grab									
	porphyry, minor qtz stringers (but neglected											
	in sampling)											
2357	Trench 2, mid point of trench minor quartz		grab									
	stringers & veinlets grey → glassy											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 I 3

PROPERTY MT NANSEN (DOWS CLAIMS)

DATE JUNE 9-

ROCK SAMPLE REPORT

PROJECT 337

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R39609	COMPOSITE OF WHITE QTZ (SHEARED +/OR OPALINE) SAMPLED OVER 20 m INTERVAL FROM 8100 TO 8120 E AT 11345 N	—	GRAB (FLOAT)									KG
R39610	RUSTY WHITE + DARK GREY QTZ FLOAT AT 8106E, 11345N	<1%	GRAB (FLOAT)									
R39611	RUSTY BANDED (SHEARED?) QTZ VEINING. MINOR Bx : AT 8167E 11345N	1%	GRAB (FLOAT)									
R39628	MOD. RUSTY GNEISS AT APPR'X 8656E, 11460N	<1%	GRAB (FLOAT)									
R39629	QTZ VEINING IN GNEISS AT APPR'X 8970E, 11400N	<1%	GRAB (FLOAT)									
R39630	RUSTY WHITE QTZ IN BANDED GNEISS AT APPR'X 8340E, 11390N		GRAB (FLOAT)									
R39631	WHITE + RUSTY QTZ FLOAT AT APPR'X 8310E, 11380N		GRAB (FLOAT)									
R39632	RUSTY, WHITE + GREY QTZ FLOAT AT APPR'X 8280E, 11365N		GRAB (FLOAT)									
R39633	SILICIFIED QTZ-MUSC. SCHIST 9200E 10425N		GRAB (FLOAT)									
R39634	MOD. FRESH GNEISS FLOAT 9240E 10425N		GRAB (FLOAT)									
R39635	FRESH GNEISS 9250E 10425N		GRAB (FLOAT)									V

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 I-3

PROPERTY MT NANSEN (DOWS CLAIMS)

DATE JUNE 9 -

ROCK SAMPLE REPORT

PROJECT 337

MPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
39636	WHITE SILICIFIED RHLT		GRAB									K. G.
	9260E 10425N		(FLOAT)									
39637	WHITE SILICIFIED RHLT		GRAB									
	9270E 10425N		(FLOAT)									
39638	SILICIFIED RHLT		GRAB									
	9280E 10425N		(FLOAT)									
39639	MOD. RUSTY SILICIFIED RHLT		GRAB									
	9290E 10425N		(FLOAT)									
39641	SILICIFIED GNEISS		GRAB									
	9300E 10425N		(FLOAT)									
39642	SILICIFIED GNEISS WITH 3cm QTZ		GRAB									
	VEIN. GNEISS IS HEMATITE STAINED		(FLOAT)									
	9190E, 10425N											
39643	SILICIFIED FLOWBANDED RHLT		GRAB									
	9170E, 10425N		(FLOAT)									
39644	RUSTY SILICIFIED GNEISS		GRAB									
	9160E, 10425N		(FLOAT)									
39645	RUSTY SILICIFIED QTZ Bx? + SILICIFIED		GRAB									
	FLOW BANDED RHLT 9130E, 10425N		FLOAT									
39647	ORANGE + YELLOW LIMONITE STAINED SILICIFIED		FLOAT									
	FELD-PORPH WITH MINOR QTZ VEINLETS		GRAB									
	9210E 10508N											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 I-3

PROPERTY MT NANSEN (DOWS CLAIMS)

DATE JUNE 9 -

ROCK SAMPLE REPORT

PROJECT 337

MPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
39648	SILICIFIED RHLT WITH QTZ VEINLETS		GRAB									KG.
	9250E 1051ON		(FLOAT)									
39649	SILICIFIED RHLT WITH QTZ VEINLETS		GRAB									
	9270E 1051ON		(FLOAT)									
39651	RUSTY WHITE + DARK GREY QTZ FLOAT		GRAB									
	AT ~ 9390E, 8800N		(FLOAT)									
39652	RUSTY LIMONITE + MANGANESE STAINED RHLT?		GRAB									
	BX WITH QTZ VEINLETS AT ~ 9220E, 8880N		(FLOAT)									
39653	FINE GRAINED QTZ STOCKWORK IN		GRAB									
	GRANITIC GNEISS AT ~ 9030E, 8950N		(FLOAT)									
39654	QTZ BRECCIA VEINLETS IN RHLT ?		GRAB									
	AT ~ 8940E, 8970N		(FLOAT)									
39655	GREY + HEMATITE RICH QTZ VEINLETS		GRAB									
	IN GRANITIC GNEISS AT ~ 8830E, 9020N		(FLOAT)									
39656	BRIGHT RED HEMATITE? STAINED QTZ		GRAB									
	AT 9315E, 10550N IN NT-6											
39657	WHITE + GREY QTZ BX ~ 9285E, 10495N		GRAB									
39658	RUSTY LIMITE QTZ BX + VEINING		GRAB									
	9150E, 10430N NT-3											
39659	RUSTY + LIMONITE STAINED QTZ BX 9125E, 10442N		GRAB									
39660	CALC-SILICATE (EPIDOTE) ~ 8100E, 9180N		GRAB									R.K.

G = GEOCHEM A = ASSAY

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

DATE RECEIVED: OCT 16 1987
DATE REPORT MAILED: Oct 21/87

GEOCHEMICAL/ASSAY CERTIFICATE

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

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

NORANDA EXPLORATION (VAN) PROJECT-8710-057 312 File # 87-4909 A

SAMPLE#	AS PPM	HG PPB	AG OZ/T	AU OZ/T
22351	2005	2400	.08	.093
22352	1521	1800	.18	.131
22353	420	1100	.03	.004
22354	320	1000	.01	.027
22355	704	960	.06	.023
22356	2090	700	.01	.013
22357	1654	2100	.07	.032
STD C	39	1300	-	-

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: JUN 22 1988 DATE REPORT MAILED: June 28/88 ASSAYER. C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT-88-06-060-373 File # 88-2154

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
39609	1	14	3	2	.1	5	1	57	.34	2	5	ND	1	14	1	2	2	1	.02	.001	2	4	.03	488	.01	2	.04	.01	.01	2	1	5
39610	5	14	4	24	.1	4	1	549	2.21	437	5	ND	1	21	1	18	2	7	6.20	.004	2	3	.05	35	.01	12	.03	.01	.01	1	2	5
39611	4	13	16	37	.1	7	1	358	1.17	155	5	ND	1	6	1	13	2	5	.86	.003	2	4	.02	35	.01	3	.03	.01	.01	1	1	10
39628	1	173	9	33	.1	12	13	315	2.53	14	5	ND	1	49	1	2	2	48	1.12	.056	2	28	.58	44	.11	2	.92	.05	.07	1	1	5
39629	1	24	6	13	.2	9	5	317	1.05	2	5	ND	1	55	1	2	3	22	.92	.047	2	14	.18	46	.07	3	.52	.01	.01	1	1	5
39630	1	17	2	6	.1	6	4	133	.65	2	5	ND	1	14	1	2	2	6	.12	.020	2	2	.04	16	.01	2	.13	.01	.02	1	1	5
39631	1	36	2	4	.2	9	4	101	.84	2	5	ND	1	101	1	2	2	8	.05	.009	2	5	.02	1197	.01	4	.13	.01	.02	1	1	5
39632	1	71	7	16	.1	11	4	201	1.33	2	5	ND	1	98	1	2	2	24	.26	.048	2	9	.08	162	.03	6	.25	.04	.03	1	2	5
39633	1	7	2	14	.1	3	2	127	1.69	5	5	ND	1	7	1	2	2	16	.21	.053	3	3	.05	63	.08	8	.25	.01	.11	1	1	5
39634	1	7	8	101	.1	2	3	308	1.94	2	5	ND	1	20	1	2	2	33	.20	.058	11	8	.58	70	.06	16	.96	.03	.45	2	1	40
39635	1	2	3	54	.1	2	3	251	1.01	2	5	ND	1	19	1	2	2	20	.14	.039	5	3	.26	54	.03	14	.49	.03	.19	1	2	5
39636	1	7	2	12	.3	3	2	93	.59	2	5	ND	1	18	1	2	2	9	.05	.005	2	2	.07	79	.01	2	.24	.04	.09	1	2	5
39637	1	13	7	20	.1	3	1	69	.61	2	5	ND	1	18	1	2	2	4	.02	.006	2	1	.01	38	.01	6	.14	.03	.05	1	1	30
39638	1	8	6	7	.1	1	1	36	.42	2	5	ND	1	15	1	2	2	4	.03	.004	2	3	.02	42	.01	15	.17	.03	.07	1	3	10
39639	1	8	6	7	.2	1	2	30	.47	4	13	ND	3	15	1	2	2	2	.03	.007	2	2	.01	44	.01	3	.19	.02	.10	1	1	60
39641	1	5	7	46	.1	3	1	144	1.02	2	5	ND	1	17	1	2	2	15	.11	.022	4	2	.21	101	.02	13	.55	.03	.19	1	2	5
39642	1	7	2	8	.1	2	1	84	1.04	2	5	ND	1	4	1	2	2	14	.13	.038	2	3	.03	41	.04	3	.15	.01	.08	1	2	5
39643	1	18	6	7	.3	2	1	76	.55	2	8	ND	1	12	1	2	2	6	.05	.008	2	3	.03	68	.01	8	.23	.03	.07	1	1	5
39644	1	24	7	106	.1	29	12	195	3.42	266	5	ND	2	7	1	19	2	34	.03	.014	7	13	.03	43	.01	10	.50	.01	.08	1	1	660
39645	9	28	29	15	5.4	3	3	34	4.71	1657	5	ND	1	84	1	360	2	32	.03	.051	2	12	.01	53	.01	13	.17	.01	.08	1	49	44800
39647	4	9	14	3	2.4	1	1	93	1.23	1226	5	2	1	21	1	32	2	14	.04	.010	3	21	.01	88	.01	3	.24	.01	.10	1	1570	950
39648	4	22	6	4	1.8	4	1	46	.83	665	6	ND	1	13	1	35	2	11	.02	.004	2	20	.01	49	.01	8	.17	.01	.05	1	685	660
39649	2	29	17	3	3.1	1	1	48	.96	2375	5	3	1	22	1	53	2	9	.03	.010	2	11	.01	130	.01	4	.16	.01	.07	1	2540	720
39651	1	18	16	9	.1	7	1	377	1.02	257	5	ND	1	23	1	13	2	4	.01	.004	6	7	.01	200	.01	2	.17	.01	.04	1	43	830
39652	1	23	52	53	.1	9	4	177	1.86	24	5	ND	2	15	1	7	2	18	.06	.021	8	5	.01	514	.01	6	.37	.01	.03	1	18	350
39653	1	3	6	24	.1	3	1	94	.62	6	5	ND	1	6	1	3	2	6	.04	.009	2	1	.01	61	.01	8	.30	.01	.03	1	4	80
39654	1	2	5	36	.1	3	1	57	.64	15	5	ND	1	7	1	2	2	6	.03	.008	3	1	.01	88	.01	5	.31	.01	.04	1	1	330
39655	1	9	15	81	.1	14	5	327	2.32	2	5	ND	2	8	1	2	2	13	.05	.021	9	6	.01	81	.01	5	.39	.01	.04	1	1	420
39656	1	5	20	13	.3	4	2	111	.37	14	5	ND	16	56	1	2	2	3	.17	.004	8	2	.06	257	.01	8	.50	.08	.40	1	2	30
39657	4	68	15	8	6.1	4	1	59	1.47	7630	5	11	2	38	1	134	2	17	.05	.016	4	23	.01	136	.01	5	.17	.01	.08	1	8250	960
39658	6	16	10	17	.1	3	1	37	1.64	412	5	ND	1	26	1	254	3	11	.02	.020	2	9	.01	371	.01	8	.09	.01	.07	1	69	9500
39659	11	13	2	6	1.0	4	1	41	2.09	1823	7	5	1	94	1	111	2	24	.03	.053	3	14	.01	48	.01	11	.14	.01	.11	1	4640	2300
39660	1	15	6	19	.2	7	4	265	2.33	65	5	ND	1	150	1	7	2	58	1.82	.020	4	4	.22	20	.08	17	1.29	.03	.06	1	98	160
STD C/AU-R	18	63	42	133	6.7	73	30	1051	4.06	44	17	8	39	48	18	17	18	60	.47	.080	41	60	.94	181	.07	34	1.93	.07	.15	11	510	1400

Mt. Nansen (K6)

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: TRENCH AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 2 1988 DATE REPORT MAILED: Sept 13/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 8809-011 337 File # 88-4211 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
R 46751	11	10	11	9	1.0	3	1	32	2.45	280	5	ND	1	122	1	35	2	20	.10	.026	7	12	.03	138	.01	4	.49	.01	.49	1	125
R 46752	24	12	10	4	1.2	1	1	15	2.55	335	5	ND	1	110	1	36	2	21	.09	.025	7	9	.02	121	.01	4	.48	.01	.57	1	144
R 46753	14	7	13	3	2.9	2	1	11	2.01	262	5	ND	1	66	1	67	2	18	.11	.015	8	9	.03	171	.01	4	.49	.01	.46	1	165
R 46754	15	12	18	3	1.1	3	1	2	2.34	294	5	ND	1	91	1	41	2	16	.06	.024	3	14	.01	134	.01	2	.41	.01	.51	1	83
R 46755	12	21	13	4	2.9	2	1	8	3.50	667	5	[illegible]	1	130	1	55	2	18	.11	.030	5	18	.03	104	.01	5	.49	.01	.59	1	1520
R 46756	16	20	19	7	6.9	2	1	15	3.36	2019	5	[illegible]	1	227	1	66	2	23	.16	.043	7	29	.04	134	.01	5	.51	.01	.51	1	3890
R 46757	13	26	13	5	3.5	2	1	13	1.97	1652	5	[illegible]	1	303	1	78	2	28	.12	.051	4	20	.02	60	.01	3	.44	.01	.27	1	2150
R 46758	8	26	15	6	4.2	2	1	20	1.16	1421	5	[illegible]	2	156	1	104	2	15	.09	.036	4	20	.02	36	.01	5	.27	.01	.15	3	2465
R 46759	6	24	23	10	1.8	3	1	13	2.64	1942	5	ND	1	126	1	79	3	22	.10	.049	4	25	.02	30	.01	2	.41	.01	.27	1	680
R 46760	12	35	23	15	4.6	8	1	20	1.94	1234	5	4	1	119	1	104	2	32	.06	.044	5	29	.01	36	.01	2	.35	.01	.10	3	3950
R 46761	11	23	15	17	3.4	5	1	42	2.31	1373	5	2	1	304	1	79	2	38	.07	.080	7	28	.01	54	.01	3	.49	.01	.10	1	2410
R 46762	9	41	20	10	4.6	5	1	42	1.59	1752	5	2	1	217	1	199	2	29	.06	.069	6	25	.01	54	.01	2	.43	.01	.09	3	2236
R 46763	8	23	17	10	4.0	4	1	63	1.75	1934	5	3	1	233	1	214	2	35	.08	.100	5	32	.02	61	.01	2	.49	.01	.10	1	3220
R 46764	11	85	19	15	4.6	5	2	52	1.93	1804	6	ND	1	161	1	394	2	35	.07	.068	8	29	.02	58	.01	2	.40	.01	.10	2	1530
R 46765	11	48	13	7	4.2	4	1	64	1.89	1784	5	3	1	139	1	480	2	29	.08	.070	8	26	.02	47	.01	2	.35	.01	.15	1	2490
R 46766	11	22	10	6	2.3	3	1	32	2.96	1594	5	ND	1	100	1	132	2	52	.08	.060	4	25	.02	25	.01	2	.32	.01	.18	2	650
R 46767	7	13	15	7	2.2	4	1	60	2.01	670	5	ND	2	71	1	50	2	21	.13	.054	5	20	.06	62	.01	4	.41	.01	.32	1	600
R 46768	12	39	17	14	1.4	4	2	77	3.03	1250	5	ND	5	145	1	103	2	49	.12	.094	20	29	.07	131	.01	6	.73	.02	.49	1	510
R 46769	8	31	24	15	1.1	6	2	83	3.25	1550	5	ND	4	105	1	66	2	53	.11	.097	17	33	.08	123	.01	3	.81	.01	.32	1	670
R 46770	7	50	13	15	.6	4	1	33	5.55	1129	5	ND	5	51	1	63	2	95	.22	.093	8	39	.10	102	.01	3	1.02	.01	.63	1	230
R 46771	9	34	17	11	.6	5	1	19	4.71	1952	10	ND	2	69	1	106	2	78	.16	.135	10	56	.05	74	.01	3	.75	.01	.43	1	210
R 46772	13	19	11	9	.3	4	1	31	3.74	2796	5	ND	1	72	1	108	2	62	.12	.161	8	48	.05	65	.01	4	.56	.01	.29	1	93
R 46773	1	18	9	55	.1	11	10	487	2.74	9	5	ND	3	25	1	2	2	50	1.69	.030	12	12	.71	394	.05	2	1.31	.01	.65	1	3
R 46774	1	4	7	60	.1	10	10	346	2.53	20	5	ND	4	23	1	2	2	38	1.93	.019	13	12	.67	420	.06	8	1.22	.01	.60	1	1
R 46775	1	9	10	64	.1	20	13	614	3.91	8	5	ND	4	28	1	6	2	68	3.56	.029	12	37	.97	365	.08	2	1.63	.01	.89	1	3
R 46776	1	66	14	68	.2	16	11	1095	3.32	101	5	ND	3	51	1	18	2	45	7.46	.030	12	17	.25	192	.02	2	.77	.01	.21	1	4
R 46777	1	58	10	59	.2	13	7	439	3.79	368	5	ND	3	100	1	33	2	40	1.11	.032	14	12	.19	163	.01	3	.81	.01	.23	1	16
R 46778	4	93	18	29	.6	11	2	98	4.08	2039	6	2	1	361	1	87	2	34	.36	.081	6	11	.02	159	.01	4	1.08	.01	.12	1	1760
R 46779	4	99	20	154	.3	19	5	128	6.05	1632	5	ND	2	202	1	94	2	67	.19	.109	5	21	.04	115	.01	3	.82	.01	.10	1	179
R 46780	2	66	30	55	.2	6	2	37	3.88	1160	5	ND	2	84	1	89	2	36	.11	.054	3	11	.02	61	.01	2	.61	.01	.07	1	143
R 46781	3	74	24	63	.2	10	3	116	4.96	1624	5	ND	1	198	1	98	2	57	.18	.088	6	23	.04	106	.01	2	.91	.01	.11	1	113
R 46782	5	108	20	135	.4	28	10	423	6.68	1963	5	ND	1	175	1	128	2	77	.28	.100	7	28	.11	151	.01	2	1.55	.01	.18	1	83
R 46783	4	79	17	211	4.0	56	19	947	6.32	1473	5	ND	2	96	2	214	2	66	.36	.093	5	23	.15	123	.01	3	2.78	.01	.10	1	48
R 46784	6	35	26	45	4.2	14	3	115	3.26	1376	5	ND	1	113	1	229	2	38	.09	.051	3	23	.02	57	.01	2	.67	.01	.06	1	113
R 46785	3	93	22	177	3.2	37	16	490	7.36	2420	7	ND	2	115	1	360	3	75	.16	.090	7	30	.08	86	.01	2	1.00	.01	.11	1	220
R 46786	3	53	25	56	2.5	15	4	106	4.77	1347	7	ND	3	156	1	153	2	52	.18	.086	7	39	.06	70	.01	2	.72	.01	.19	1	78
STD C/AU-2	19	58	43	132	7.0	67	30	1033	4.19	40	21	8	38	48	19	16	21	60	.49	.096	40	55	.91	180	.07	32	1.95	.06	.14	12	520

15 Sept Whse

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
R 46787	3	97	18	136	.6	36	10	302	6.90	1832	5	ND	2	42	1	109	2	80	.11	.069	6	39	.07	47	.01	4	.71	.01	.08	1	28
R 46788	6	144	15	354	1.2	69	25	848	21.80	6120	5	ND	4	21	1	141	2	607	.11	.181	5	53	.04	68	.01	2	1.60	.31	.06	1	48
R 46789	3	143	13	265	1.1	63	24	939	21.53	6193	5	ND	4	18	1	108	2	662	.14	.133	5	46	.05	104	.01	2	1.85	.31	.07	1	42
R 46790	5	152	12	269	.8	50	16	356	28.20	3330	5	ND	3	10	1	54	2	615	.09	.088	3	39	.03	108	.01	2	1.62	.01	.06	1	29
R 46791	3	135	12	410	1.0	83	33	549	28.11	2252	5	ND	5	13	1	49	2	260	.12	.086	5	44	.05	75	.01	2	1.57	.01	.09	1	41
R 46792	2	135	12	301	.8	83	25	788	19.63	2013	5	ND	3	21	1	50	2	189	.15	.051	5	33	.06	205	.01	4	3.21	.31	.05	1	50
R 46793	1	84	12	174	3.0	55	23	1865	6.34	525	5	ND	2	73	2	40	2	53	11.46	.042	7	27	.16	122	.01	2	2.11	.01	.11	1	189
R 46794	1	88	10	114	.8	40	20	1339	4.46	355	5	ND	2	71	2	25	2	57	11.42	.056	7	36	.23	111	.01	2	1.61	.01	.11	1	82
R 46795	1	82	4	56	.2	67	18	1219	2.73	96	5	ND	1	52	1	10	2	45	6.58	.056	3	141	.63	160	.02	2	1.01	.02	.16	1	26
R 46796	1	69	6	57	.2	77	15	736	2.59	97	5	ND	1	65	1	8	2	40	12.05	.048	6	157	.62	170	.02	2	1.08	.01	.20	1	20
R 46797	1	48	4	48	.2	24	9	603	1.81	83	5	ND	2	132	1	9	2	26	23.46	.037	4	38	.38	68	.01	2	.54	.01	.04	2	16
R 46799	1	15	6	29	.3	31	5	440	1.00	55	5	ND	2	141	1	7	2	13	32.30	.017	3	23	.35	33	.01	2	.27	.01	.04	3	9
R 46801	1	48	10	81	.2	13	14	1086	4.18	17	5	ND	4	15	1	4	2	86	1.64	.066	9	18	1.59	419	.16	2	2.31	.01	1.62	1	36
R 46802	1	51	10	94	.1	16	16	1185	4.34	46	5	ND	3	13	1	4	2	65	.60	.078	10	16	.83	302	.08	2	1.50	.01	.91	1	12
R 46803	1	55	7	48	.1	6	4	206	3.20	106	5	ND	3	54	1	8	2	21	.26	.057	9	6	.14	99	.01	2	.93	.02	.31	1	10
R 46804	1	54	9	20	.2	5	1	37	2.92	609	7	ND	3	48	1	21	2	36	.30	.076	6	6	.08	40	.01	2	1.22	.01	.43	1	29
R 46805	1	13	7	5	.1	2	1	19	2.33	150	5	ND	1	31	1	14	2	12	.12	.028	6	5	.03	108	.01	2	.32	.01	.48	1	32
R 46825	2	10	14	6	.4	1	1	16	2.13	176	5	ND	2	38	1	18	2	14	.16	.020	5	6	.05	114	.01	5	.43	.01	.48	1	147
R 46827	5	20	19	7	1.0	1	1	18	2.97	1606	5	ND	2	74	1	40	2	19	.15	.042	3	11	.05	66	.01	5	.44	.01	.56	1	169
R 46828	8	47	31	14	4.2	2	1	60	2.84	4679	5	2	2	62	1	70	2	23	.18	.041	4	16	.08	77	.01	5	.47	.01	.42	1	1625
R 46829	4	13	25	6	2.2	2	1	5	2.43	2094	5	ND	1	50	1	43	2	21	.18	.034	2	18	.05	93	.01	6	.50	.01	.44	1	535
R 46830	4	20	18	22	2.0	7	4	194	2.04	1149	5	ND	2	34	1	38	2	30	.23	.032	6	23	.18	90	.01	4	.65	.01	.26	1	825
R 46831	4	31	13	14	3.4	4	3	210	1.61	1683	5	ND	1	28	1	36	2	21	.12	.019	4	22	.08	66	.01	3	.38	.01	.17	2	1275
R 46832	6	27	15	9	3.2	3	1	65	1.48	2806	5	2	1	22	1	50	2	19	.11	.019	2	33	.06	60	.01	3	.29	.01	.17	1	2265
R 46833	3	15	15	7	1.3	3	1	25	2.38	1065	5	ND	1	97	1	37	2	23	.18	.026	2	31	.06	92	.01	5	.45	.01	.42	1	615
R 46834	2	14	12	8	1.0	3	1	31	2.40	336	5	ND	1	158	1	28	2	24	.29	.024	4	16	.08	66	.01	5	.61	.01	.47	1	425
R 46835	10	13	57	8	.8	3	1	29	2.85	337	5	ND	6	217	1	37	2	26	.36	.042	3	10	.09	76	.01	4	.74	.01	.56	1	215
R 46836	1	23	78	17	.2	2	1	24	3.79	841	5	ND	15	52	1	15	2	38	.16	.097	7	10	.04	78	.01	2	1.00	.02	.54	1	194
R 46837	1	138	63	116	.1	9	10	242	4.21	119	5	ND	10	49	1	6	2	20	.10	.040	5	7	.03	15	.01	2	.81	.01	.13	1	39
R 46838	3	103	20	90	.4	8	8	277	4.35	244	7	ND	2	52	1	17	2	44	.10	.051	2	8	.05	36	.01	2	.71	.01	.17	1	196
R 46839	3	94	28	133	.2	10	8	415	4.02	113	5	ND	6	32	1	7	2	47	.12	.044	5	10	.04	22	.01	2	.69	.01	.13	1	87
R 46840	2	97	22	276	.1	16	15	1101	7.00	48	5	ND	5	15	1	3	2	57	.16	.059	6	11	.05	24	.01	2	.77	.01	.13	1	24
R 46841	1	54	6	206	.1	10	9	1017	6.32	21	5	ND	3	20	1	2	2	113	.31	.076	9	25	.08	46	.01	2	.90	.01	.21	2	8
R 46842	1	170	19	215	.3	10	15	4413	4.97	32	10	ND	3	19	1	4	2	67	.31	.090	10	10	.10	33	.01	2	.78	.01	.20	1	3
R 46843	1	289	18	235	.4	24	27	7173	5.28	32	7	ND	6	31	1	3	2	91	.67	.091	12	22	.14	49	.01	2	.79	.01	.23	1	10
STD C/AU-R	19	59	42	132	7.0	66	30	1032	4.18	41	17	8	39	48	18	16	18	60	.49	.096	39	54	.91	130	.07	32	1.98	.06	.15	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
R 46844	1	119	9	98	.3	6	11	2922	3.72	13	5	ND	5	51	1	2	2	80	4.44	.072	12	12	.30	656	.01	2	1.08	.01	.34	1	11
R 46845	12	180	4	162	.3	17	25	4846	5.12	23	12	ND	4	36	1	2	2	75	2.70	.080	11	16	.41	167	.03	2	1.28	.02	.26	1	3
R 46846	3	168	10	149	.2	18	19	1651	5.11	26	34	ND	6	49	1	3	3	60	1.20	.087	11	17	.25	67	.01	2	1.23	.01	.22	1	4
R 46847	2	131	16	130	.1	16	19	3496	4.73	21	38	ND	7	26	1	2	2	57	.63	.077	13	11	.40	115	.01	2	1.71	.01	.23	1	2
R 46848	8	153	9	75	.2	19	20	2705	5.12	28	7	ND	3	27	1	2	2	70	.93	.083	8	19	.57	112	.04	2	1.84	.03	.24	1	1
R 46849	5	177	9	79	.4	17	19	2735	5.18	13	12	ND	3	41	1	2	2	86	.89	.072	6	24	.73	105	.07	2	2.20	.06	.32	1	1
R 46850	6	154	4	70	.2	20	17	1733	4.53	28	5	ND	2	39	1	2	4	73	1.20	.069	3	28	.53	55	.05	2	1.85	.08	.13	1	2
R 46851	3	128	7	79	.2	17	16	1344	5.05	18	5	ND	2	27	1	2	2	78	1.64	.065	6	25	.64	92	.03	2	2.21	.04	.26	1	1
R 46852	6	117	10	90	.1	20	17	2382	4.53	22	5	ND	3	22	1	2	2	73	1.68	.076	10	33	.50	131	.02	2	2.08	.01	.26	1	1
R 46853	1	24	7	43	.1	6	3	726	1.05	4	5	ND	2	149	1	2	3	17	26.15	.015	5	9	.54	117	.01	2	.41	.01	.12	2	1
R 46854	1	16	4	24	.2	3	3	896	.68	9	5	ND	1	133	1	5	3	9	25.46	.012	3	6	2.88	220	.01	2	.12	.01	.03	2	1
R 46855	1	26	12	93	.1	12	6	1381	1.79	18	5	ND	1	33	1	10	2	20	7.07	.040	5	9	.99	149	.01	2	.47	.01	.04	1	2
R 46856	1	17	6	61	.1	5	3	589	.88	31	5	ND	1	21	1	9	2	7	2.55	.035	3	3	.24	79	.01	2	.39	.01	.06	1	3
R 46857	1	35	7	115	.1	25	12	2082	1.61	10	5	ND	2	18	1	7	3	12	.51	.055	4	12	.13	133	.01	3	.55	.02	.08	1	4
R 46858	1	24	5	99	.2	39	18	2923	1.78	20	5	ND	1	98	1	8	2	14	16.28	.030	5	24	.24	117	.01	2	.56	.01	.07	1	10
R 46859	1	27	6	127	.3	30	19	1909	2.96	49	5	ND	2	128	1	8	2	20	18.03	.040	5	14	.18	97	.01	2	.80	.01	.08	1	5
R 46860	1	16	6	86	.3	16	11	1289	2.24	20	5	ND	2	217	1	5	2	14	19.10	.029	5	12	.27	56	.01	2	.43	.01	.05	1	3
R 46861	1	20	7	87	.2	15	10	952	2.23	23	5	ND	2	61	1	6	2	23	9.22	.044	7	14	.19	61	.01	2	.77	.01	.07	1	18
R 46862	1	13	10	88	.4	17	8	950	2.03	99	5	ND	3	16	1	19	3	13	1.27	.042	7	6	.05	72	.01	2	.59	.01	.09	1	19
R 46863	1	14	3	80	.1	17	11	1176	2.10	31	5	ND	1	30	1	5	2	11	4.06	.023	4	8	.08	60	.01	2	.51	.01	.06	1	7
R 46864	1	15	8	66	.2	10	7	579	1.73	42	5	ND	4	22	1	6	2	18	2.55	.051	6	8	.10	48	.01	2	.64	.01	.10	1	14
R 46865	1	24	8	69	.2	16	11	936	2.33	67	5	ND	1	93	1	7	3	21	9.09	.040	6	12	.18	87	.01	2	.77	.01	.06	1	15
R 46866	1	19	6	50	.3	10	7	566	1.77	75	5	ND	2	117	1	11	2	17	23.73	.032	4	10	.20	64	.01	2	.59	.01	.06	3	17
R 46867	1	34	3	36	.3	9	7	467	1.48	45	5	ND	2	110	1	5	4	23	21.18	.036	4	15	.44	61	.02	2	.57	.01	.08	1	13
R 46868	1	26	2	20	.1	3	3	328	.84	20	5	ND	1	167	1	2	2	12	26.80	.024	3	5	.26	41	.01	2	.26	.01	.02	1	1
R 46869	1	3	2	5	.1	1	1	198	.20	9	5	ND	2	214	1	2	2	3	36.77	.005	2	3	.24	16	.01	2	.05	.01	.01	2	1
R 46870	3	273	9	99	.6	12	16	1608	5.91	321	17	ND	4	30	1	15	2	131	.65	.079	8	29	.12	98	.01	2	.90	.01	.20	1	745
R 46871	5	78	12	84	.5	10	13	829	4.50	481	8	ND	3	49	1	18	2	67	.47	.059	6	20	.12	62	.01	2	.95	.01	.23	1	300
R 46872	2	58	9	64	.5	10	11	1536	3.92	322	5	ND	3	36	1	15	2	79	.39	.063	9	20	.16	125	.01	2	1.04	.01	.26	1	285
R 46873	1	101	8	81	.4	10	15	1457	4.49	114	5	ND	3	46	1	7	2	111	2.67	.069	10	14	.19	216	.01	2	1.01	.01	.31	1	103
R 46874	1	107	8	74	.1	12	17	1613	4.49	161	5	ND	3	33	1	11	2	95	.52	.064	10	20	.23	238	.01	2	1.15	.01	.32	1	101
R 46875	5	104	12	90	.3	16	19	2563	4.65	147	15	ND	4	38	1	11	2	52	.64	.060	11	13	.14	407	.01	2	.90	.01	.17	1	59
R 46876	4	97	13	94	.2	20	19	2297	5.19	234	19	ND	7	57	1	10	2	44	.37	.060	11	13	.12	177	.01	2	.88	.01	.16	1	103
R 46877	2	33	13	65	.1	25	12	1196	3.28	106	9	ND	11	41	1	8	3	39	.64	.138	25	20	.16	130	.01	2	.87	.01	.09	1	54
R 46878	2	28	8	62	.1	27	12	1174	3.42	75	5	ND	10	39	1	5	4	35	.54	.132	25	18	.10	146	.01	2	.74	.01	.07	1	33
R 46879	3	32	15	75	.1	31	15	784	4.15	128	14	ND	13	82	1	7	3	31	.35	.117	27	14	.06	98	.01	2	.62	.01	.14	1	31
STD C/AU-R	18	59	38	132	7.0	67	30	1022	4.21	40	21	8	38	48	18	17	20	59	.51	.093	39	56	.93	178	.07	32	1.95	.06	.14	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
R 46880	3	36	11	55	.6	27	12	1183	3.02	294	6	ND	10	60	1	14	2	32	.28	.093	20	17	.08	141	.01	4	.80	.01	.14	1	215
R 46881	3	31	14	66	.2	29	12	803	3.41	116	6	ND	13	59	1	10	3	32	.37	.113	25	15	.09	88	.01	4	.81	.01	.13	1	20
R 46882	5	38	21	47	.3	14	7	334	3.78	162	6	ND	10	172	1	10	3	28	.34	.073	19	12	.07	168	.01	4	.85	.02	.45	1	24
R 46883	5	70	16	69	.5	17	10	441	4.36	213	7	ND	7	167	1	12	2	38	.38	.066	14	13	.12	160	.01	5	1.13	.04	.35	2	76
R 46884	4	53	8	50	.5	14	9	602	3.31	379	5	ND	5	67	1	15	2	38	.32	.041	11	18	.16	142	.01	2	1.10	.02	.27	2	430
R 46885	4	83	17	76	.4	26	12	552	4.19	218	8	ND	6	118	1	16	3	38	.38	.059	13	17	.15	142	.01	5	1.22	.02	.30	1	132
R 46886	6	57	13	78	.7	36	17	3263	3.77	157	5	ND	9	63	2	15	2	32	.30	.068	14	16	.09	235	.01	6	.94	.02	.20	1	121
R 46887	4	92	15	95	.3	30	17	2348	4.75	154	5	ND	4	58	1	14	4	35	.27	.069	13	14	.08	168	.01	5	.97	.01	.17	2	109
R 46888	2	92	9	97	.4	28	17	2319	4.24	72	6	ND	5	38	1	6	4	53	.42	.075	14	18	.16	224	.01	6	1.10	.01	.18	1	32
R 46889	2	126	6	107	.2	55	26	2816	5.00	32	5	ND	4	40	1	4	3	76	1.09	.079	11	69	.28	226	.01	3	1.43	.05	.14	1	9
R 46890	2	71	14	84	.4	21	13	1836	3.75	123	5	ND	5	30	1	9	2	55	.38	.075	13	18	.16	171	.01	5	1.09	.01	.18	1	250
R 46891	2	99	7	77	.2	31	16	1641	4.34	60	5	ND	4	34	1	3	2	61	1.12	.070	13	27	.17	196	.01	5	1.13	.02	.15	1	14
R 46892	4	115	5	101	.4	41	20	2078	5.77	58	5	ND	4	26	1	5	2	65	1.79	.076	13	38	.13	129	.01	5	.96	.01	.12	1	7
R 46893	3	72	15	85	.3	22	12	1469	3.85	46	5	ND	5	26	1	4	3	46	.39	.073	13	16	.13	144	.01	6	1.05	.01	.13	1	6
R 46894	6	141	9	93	.3	35	21	1482	6.04	33	5	ND	4	36	1	5	4	82	.74	.082	13	34	.18	142	.01	5	1.36	.05	.12	1	1
R 46895	4	108	7	75	.2	28	19	1269	5.12	49	5	ND	3	56	1	4	2	71	2.84	.075	13	27	.25	126	.01	2	1.13	.03	.13	1	5
R 46896	2	127	7	106	.2	20	21	1242	6.17	64	5	ND	4	47	1	3	2	82	3.51	.071	13	18	.36	86	.01	4	1.02	.01	.13	1	13
R 46897	1	96	10	71	.4	11	10	556	5.46	60	5	ND	5	126	1	4	2	57	.98	.077	12	9	.07	82	.01	8	.82	.04	.20	1	1
R 46898	3	101	12	87	.2	21	15	1180	4.84	39	5	ND	4	40	1	6	2	61	.45	.072	12	16	.15	114	.01	4	1.08	.02	.12	2	12
R 46899	4	96	10	101	.2	28	17	1916	5.44	57	5	ND	5	57	2	11	2	52	.46	.073	14	16	.11	163	.01	6	1.10	.01	.17	1	7
R 46900	3	115	6	89	.3	27	18	1182	5.28	29	5	ND	4	48	1	4	2	69	1.59	.094	11	33	.18	156	.01	7	1.22	.02	.13	1	8
R 46901	3	92	10	99	.3	24	15	1320	4.43	41	5	ND	5	40	1	4	3	57	.67	.111	12	17	.13	127	.01	5	1.11	.02	.13	1	12
R 46902	4	109	10	97	.2	27	18	1238	5.55	61	5	ND	4	39	1	9	2	64	.49	.085	12	23	.16	125	.01	5	1.19	.01	.17	1	10
R 46903	5	91	5	99	.3	25	17	1455	5.48	80	5	ND	4	38	1	10	2	62	.42	.088	12	21	.16	126	.01	2	1.13	.01	.14	1	16
R 46904	4	97	8	77	.3	20	15	1155	4.48	73	5	ND	4	32	1	14	2	59	.45	.060	10	17	.15	109	.01	5	1.11	.02	.15	2	9
R 46905	13	66	13	62	.5	18	11	831	4.35	132	5	ND	5	60	1	24	2	53	.37	.052	11	22	.18	131	.01	7	1.07	.01	.24	1	21
R 46906	8	64	13	70	.3	18	12	1032	4.20	124	5	ND	3	45	1	24	2	49	.36	.049	10	20	.17	124	.01	5	1.06	.01	.18	1	26
STD C/AU-R	17	57	44	132	7.1	68	29	1032	4.01	40	23	8	36	47	16	20	19	57	.43	.091	38	56	.88	171	.06	32	1.77	.06	.14	11	490

RR. Mt. Dansey / Eskay Au. (KG)

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

DATE RECEIVED: SEP 23 1988
DATE REPORT MAILED: Sept. 27/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp AU** BY FIRE ASSAY FROM 1/2 A.T.

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

NORANDA EXPLORATION PROJECT 8809-011 337 FILE # 88-4211R

SAMPLE#	AU** oz/t
R 46755	.042
R 46756	.103
R 46757	.059
R 46758	.061
R 46759	.018
R 46760	.102
R 46761	.068
R 46762	.059
R 46763	.088
R 46764	.052
R 46765	.066
R 46766	.019
R 46767	.020
R 46768	.015
R 46769	.019
R 46778	.051
R 46827	.004
R 46828	.046
R 46829	.015
R 46830	.024
R 46831	.036
R 46832	.061
R 46833	.018

APPENDIX 3

Geophysical Surveys

Discussion of Results

APPENDIX 3a

VLF Survey

The VLF-Em survey covered a very limited portion of the grid and no pronounced bedrock conductors are evident in this data set. Due to the inherent limitations of the VLF-EM method this does not imply the absence of bedrock conductivity. Indeed there are over 28 crossovers defined and the readings show the profile trends having a gneral azimuthal preference towards the transmitter location. Weak secondary directions are sen at 070 degrees and at 140 degrees.

APPENDIX 3b

Magnetometer Survey

The magnetometer survey has mapped a number of magnetic domains along with a number of interesting linear/structural signatures. Two pronounced lineal directions are defined by the magnetic data; one in particular at 070 degrees which is shown as a pair of parallel linears extending from approximately L.8500E/10150N to L.10000E/10650N. Cutting this depressed magnetic signature are a number of magnetic 'breaks' at 140 degrees and 150 degrees azimuth.

Magnetic contacts and discrete magnetic 'units' are clearly defined. It is evident that a nmber of these cotnacts are coincident with the interpreted linears suggesting possible fault contacts.

APPENDIX 3c

I.P. Survey

Six line of IP were completed over a small section of the Mt. Nansen grid. This work was completed by Noranda personnel between August 10 and 18, 1988.

L.8900E:

A surficial resistivity low is mapped at 10412.5N and occurs within a fairly uniform resistivity and chargeability background. A contact is noted at 10275N as defined by the change in the chargeability backgrounds.

L.9000E

A wide section of hgih cahrgeabilty is defined between stations 10087.5N and 10425N within which there are localized 'highs' as indicated by the interpretaion symbols. Of these the target located at 10400N is interesting in that it lies at a chargeability contact and is in close proximity ot a complex resistivity pattern. The low resistivity anomaly at 10437.5N is the continuation of the low resistivity zone mapped on the above line but appears to have a greater depth extent.

L.9100E

Two zones of anomalous chargeability are mapped with this data set. The south zone is a wide and uniform response coupled with a moderate increase in the bedrock resistivities. The north anomaly is of lower amplitude however there is a localized target deveoped at station 10450N at a contact defined by both the resisitivity and chargeability. The resisitivity low indicated at 10475N is the continuation of the resisitivity feature seen in the above lines and it is clear that the depth extent of the source increases towards the North.

L.9200E

A wide chargeability source is mapped between 10175N and 10425N within

which there is a poorly defined localized high at 10312.5N - 10387.5N. A sharp resisitivity low, the continuation of the now linear resisitivity low mentioned above is interpreted at 10475N. A second low resisitivity response is noted at 10287.5N however as this is only a single dipole reading set it is possible that there is an electrode problem at 10250N/10275N.

L.9300E

This survey line has recorded a confusing set of data. Both the resisitivity and chargeability show large amplitude variations indicating that the survey line may be either paralleling the geology which is supported to some extent by the magnetometer survey or that there is strong influence from permafrost which has affected the survey on Line 9500E. Two responses which stand out as discrete sources are the low resistivity anomaly located at 10512.5N and the chargeability response located at depth (50m ?) at station 10625N.

L.9500E

The data collected for this line has not been interpreted due to the erratic nature of the readings. It is assumed that the permafrost is the source of the noise.

8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

12500N
12300N
12100N
11900N
11700N
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
9100N

BASELINE 90°

Contour Interval :
:

100m 50m 0m 100m 200m

FIG. 7

>0 <20 | >=20 <40 | >=40 <100 | >=100

PPB Au

DOWS CLAIMS

GEOCHEMICAL SURVEY

PPB Au

PROJECT: MT NANSEN PROJECT # : 337

BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88

SURVEY BY : KG NTS : 115I03

FILE: C337DOW

491 NORANDA EXPLORATION 092576

8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

12500N
12300N
12100N
11900N
11700N
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
9100N
8900N

BASELINE 90°

Contour Interval :
:

10m 50m 75m 100m 200m

FIG. 8

>0 <5.0 | >=5.0 <10 | >=10 <20 | >=20 <40 | >=40 <100 | >=100

PPB Au(RR)

DOWS CLAIMS

092576

GEOCHEMICAL SURVEY
PPB Au(RR)
PROJECT: MT NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88
SURVEY BY : KG NTS : 115I03
FILE: C337DOW
492
NORANDA EXPLORATION

8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

12500N
12300N
12100N
11900N
11700N
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
9100N
8900N

BASELINE 90°

Contour interval : 5ppm

100m 50m 0m 100m 200m

FIG. 9

DOWS CLAIMS

GEOCHEMICAL SURVEY
PPM Ag
092576
PROJECT: MT NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88
SURVEY BY : KG NTS : 115I03
FILE: C337DOW
NORANDA EXPLORATION

493

8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

12500N
12300N
12100N
11900N
11700N
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
9100N
8900N

BASELINE 90°

Contour Interval :

170m 50m 50m 100m 200m

FIG. 10

>0 <50 | >=50 <100 | >=100 <200 | >=200 <300 | >=300 <500 | >=500 <750 | >=750 <1000 | >=1000

PPM As

DOWS CLAIMS

092576 GEOCHEMICAL SURVEY
PPM As
PROJECT: MT NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88
SURVEY BY : KG NTS : 115I03
FILE: C337DOW
NORANDA EXPLORATION

494

(49S)

DOWS CLAIMS

092576 GEOCHEMICAL SURVEY
PPB Hg
PROJECT: MT NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88
SURVEY BY : KG NTS : 115I03
FILE: C337DOW
NORANDA EXPLORATION

PPB Hg

<50	<100	<200	<300	<500	<750	<1000	<2000
>0	>=50	>=100	>=200	>=300	>=500	>=750	>=1000	>=2000

Contour Interval :

10cm 50cm 1m 10cm 20cm

Fig. 11

BASELINE 90°

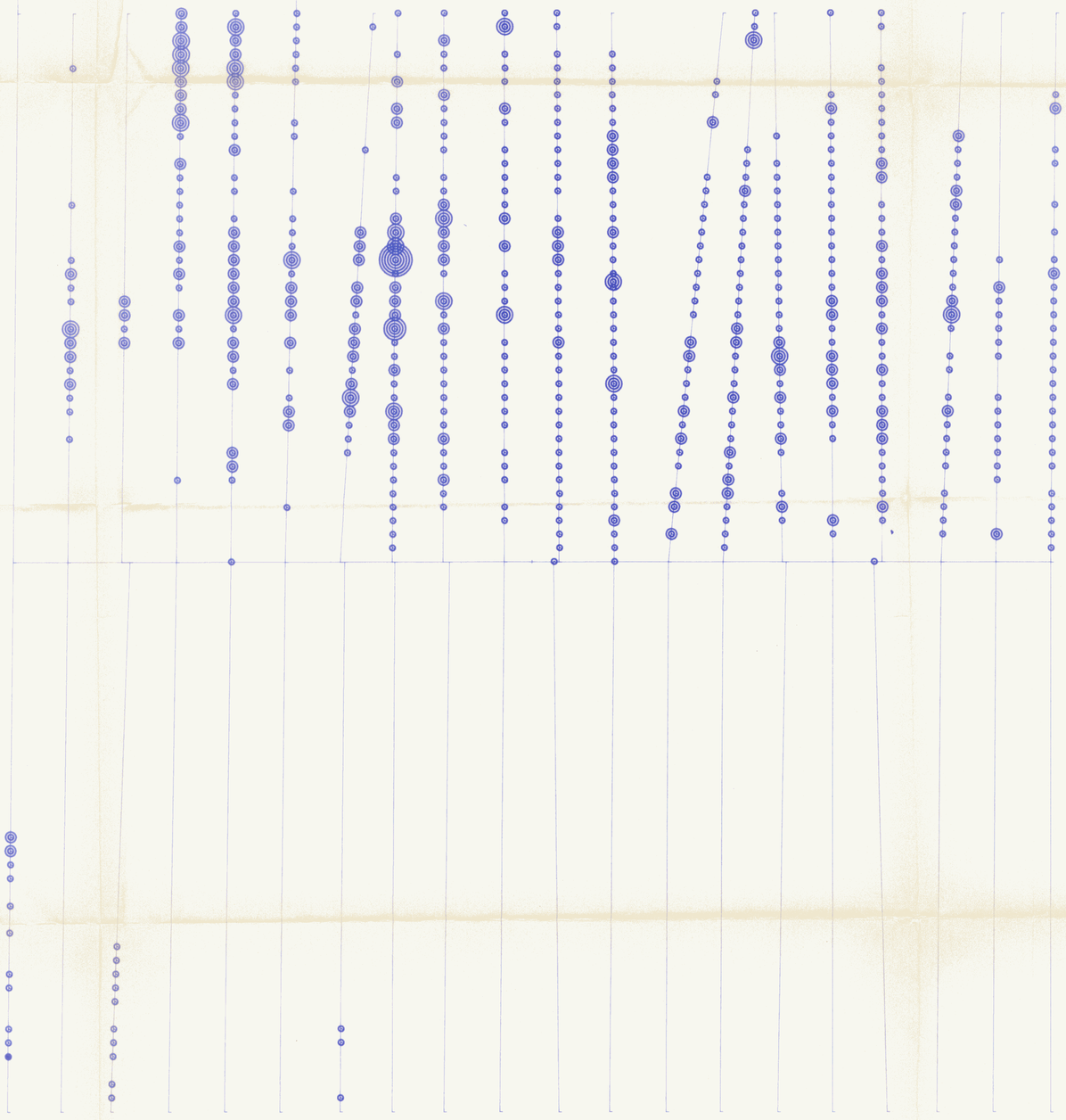
89000N
91000N
93000N
95000N
97000N
99000N
101000N
103000N
105000N
107000N
109000N
111000N
113000N
115000N
117000N
119000N
121000N
123000N
125000N

10000E 9900E 9800E 9700E 9600E 9500E 9400E 9300E 9200E 9100E 9000E 8900E 8800E 8700E 8600E 8500E 8400E 8300E 8200E 8100E

N

8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

12500N
12300N
12100N
11900N
11700N
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
9100N
8900N



Contour Interval :
:

100m 50m 0m 100m 200m

F16.12

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

PPM Cu

DOWS CLAIMS

092576 GEOCHEMICAL SURVEY
PPM Cu
PROJECT: MT NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88
SURVEY BY : KG NTS : 115I03
FILE: C337DOW

NORANDA EXPLORATION

496

8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

N

12500N
12300N
12100N
11900N
11700N
11500N
11300N
11100N
10900N
10700N
10500N
10300N
10100N
9900N
9700N
9500N
9300N
9100N
8900N

BASELINE 90°

Contour interval :
:

100m 50m 0m 100m 200m

F16.13

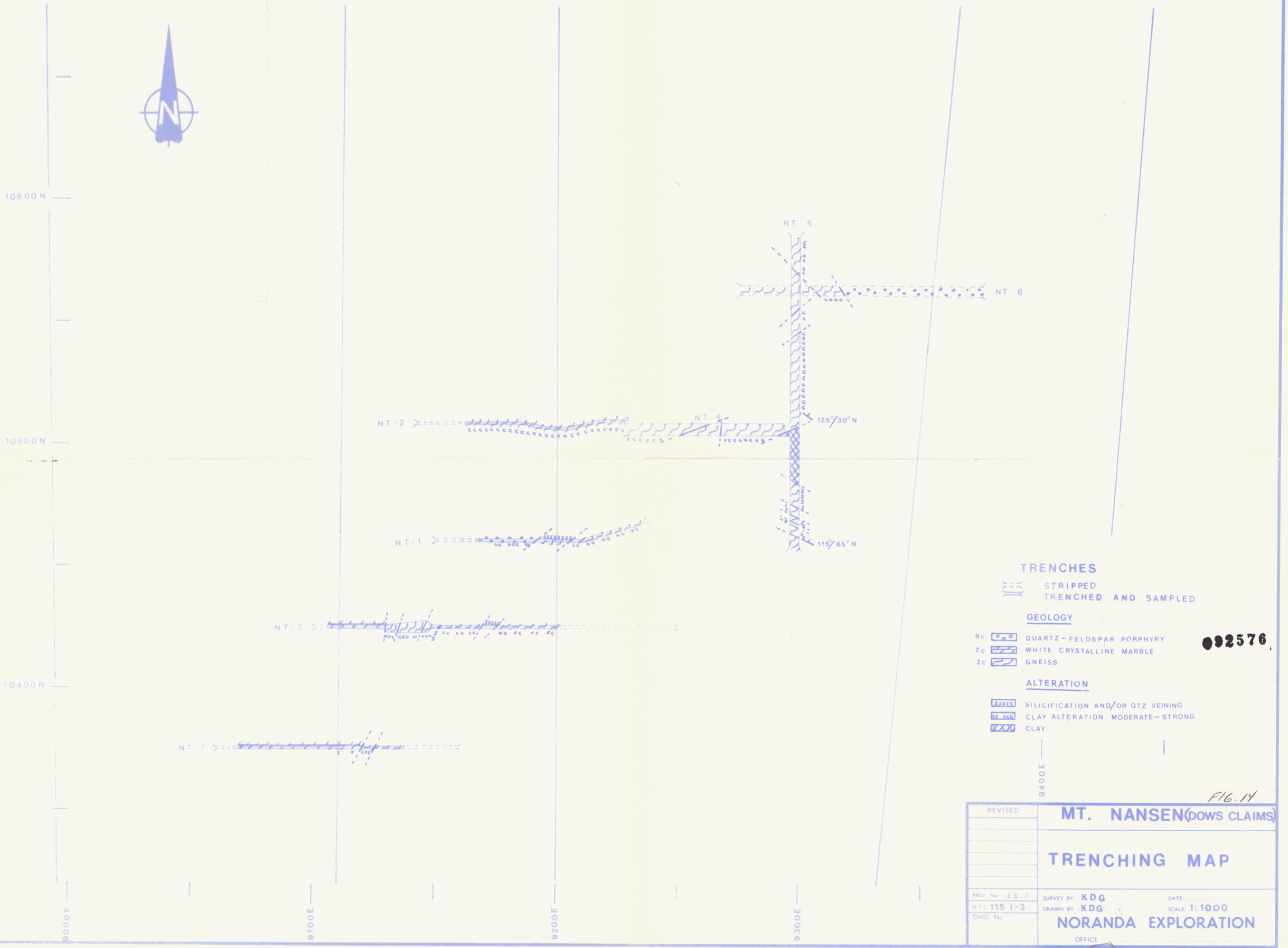
>0 <10 | >=10 <20 | >=20 <30 | >=30 <50 | >=50

PPM Pb

DOWS CLAIMS

092576 GEOCHEMICAL SURVEY
PPM Pb
PROJECT: MT NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 6/21/88
SURVEY BY : KG NTS : 115I03
FILE: C337DOW
NORANDA EXPLORATION

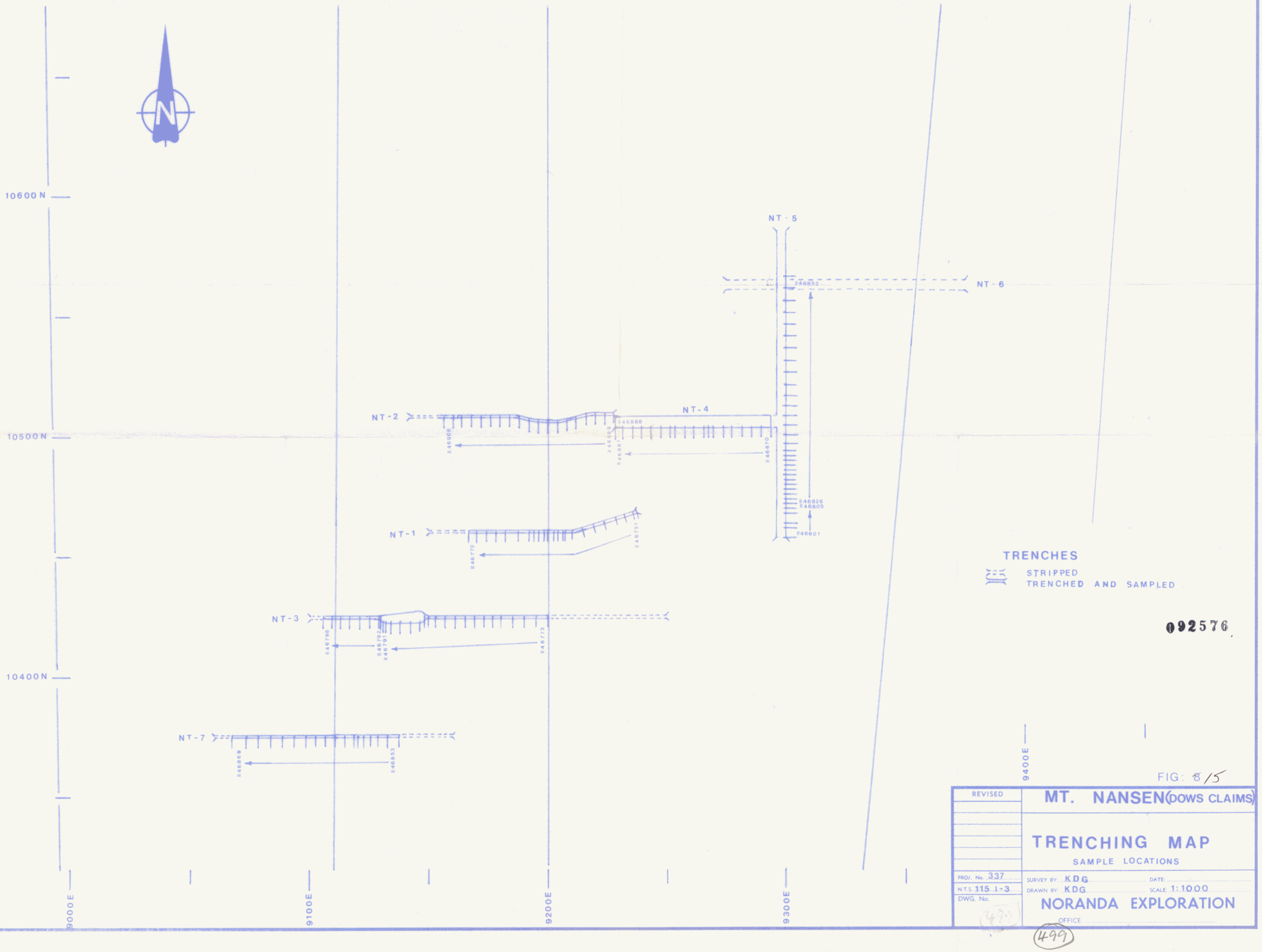


002576

F16.14

REVISED	MT. NANSEN (DOWS CLAIMS)
	TRENCHING MAP
PROJ. No. 83-7	SURVEY BY: KDG DATE:
N.T.S. 115 I-3	DRAWN BY: KDG SCALE: 1:1000
DWG. No.	NORANDA EXPLORATION
	OFFICE

(498)



TRENCHES

STRIPPED

TRENCHED AND SAMPLED

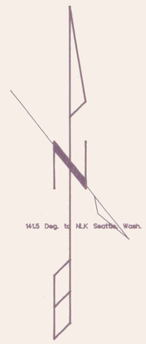
092576

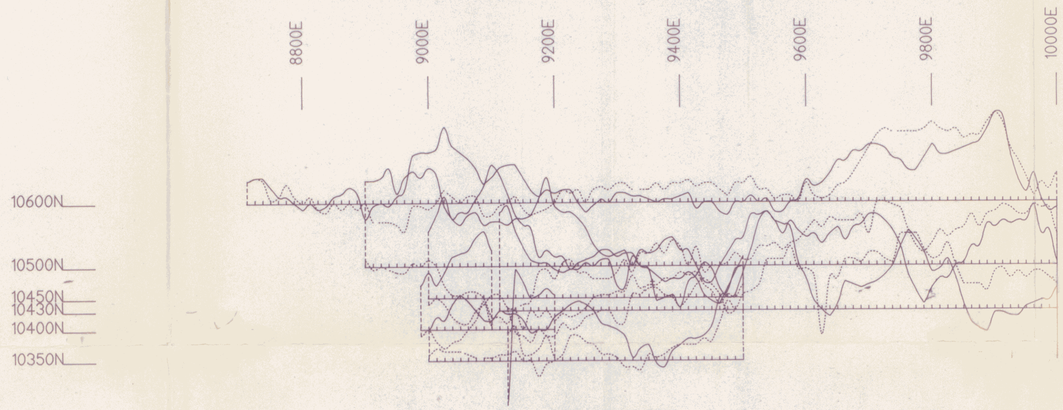
FIG: 8/5

REVISED	MT. NANSEN (OWS CLAIMS)
	TRENCHING MAP
	SAMPLE LOCATIONS
PROJ. No. 337	SURVEY BY: KDG DATE:
N.T.S. 115 I-3	DRAWN BY: KDG SCALE: 1:1000
DWG. No.	NORANDA EXPLORATION
	OFFICE

(499)

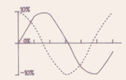
VANCAL 11919





092576

FIG: 9



Instrument : EM-16
Vertical Scale Inphase/Quad : 1 cm = 10.0%

Tx Location : NLK Seattle, Wash.
Contour Interval :
In-phase : _____
Quadrature : .....

F16.16

MT. NANSEN

VLF-EM SURVEY

PROJECT : MT. NANSEN PROJECT # : 337
BASELINE AZIMUTH : 180 Deg.

SCALE = 1: 5000 DATE : 7/21/88
SURVEY BY : SK NTS : 115 I/3
FILE: V337NAN FREQ.: 24.8 KHz.

NORANDA EXPLORATION

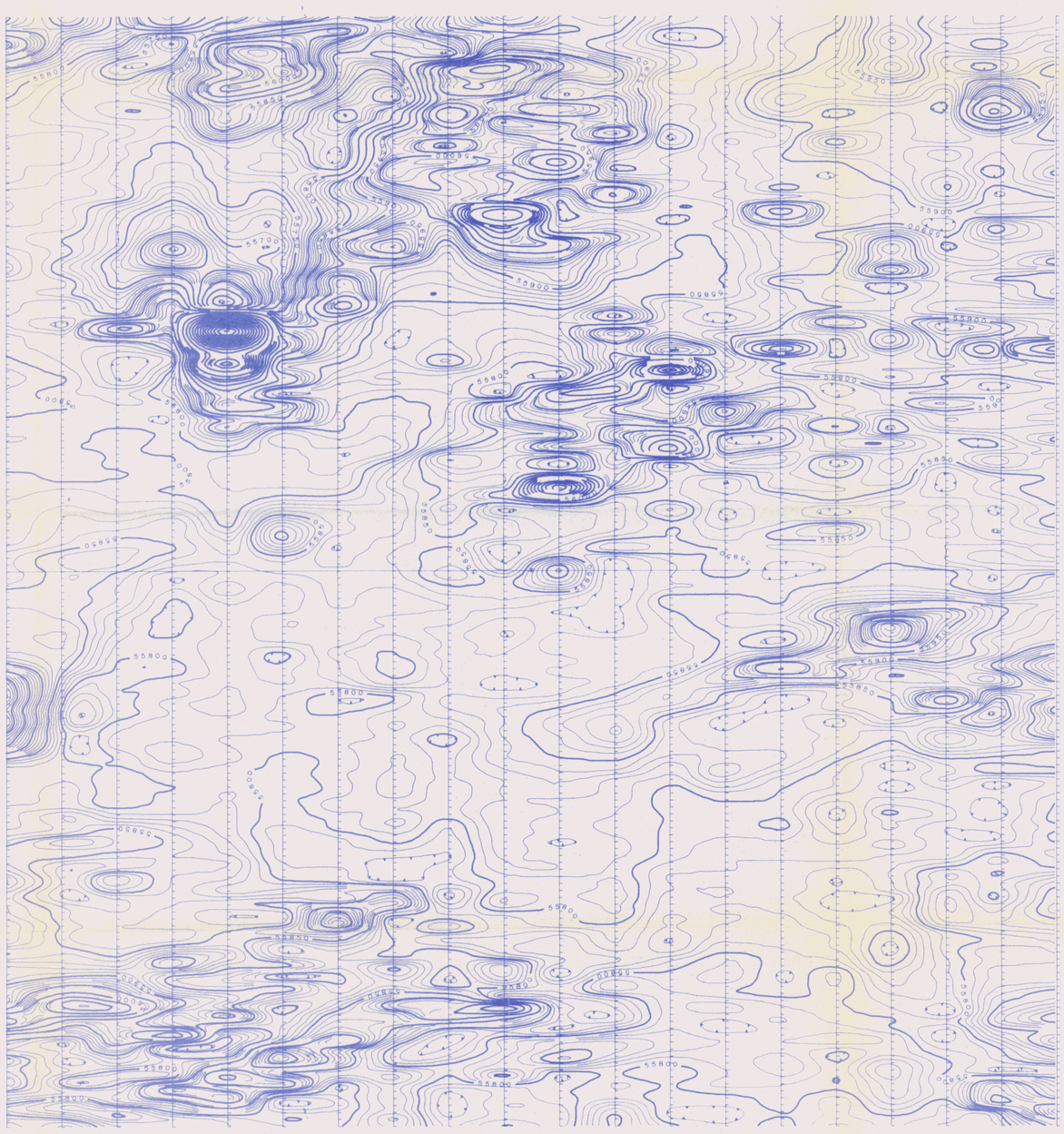


Version 4.10
Fri 22 Jul 1988 at 12h3 Created on part at 10000,N/7000,E
Serial # 38940 Peripheral Used : 1200XA DATA UNIT/PLOTTER



8100E 8200E 8300E 8400E 8500E 8600E 8700E 8800E 8900E 9000E 9100E 9200E 9300E 9400E 9500E 9600E 9700E 9800E 9900E 10000E

11000N
10800N
10600N
10400N
10200N
10000N
9800N
9600N
9400N
9200N
9000N



BASELINE 90°

092576

FIG. 10

Instrument : EDA
Field : TOTAL
Datum : 0.0 nT
Contour Interval : 10.0 nT
Conductor Axis
100m 50m 0m 100m 200m

FIG. 17

MT. NANSEN

MAGNETOMETER SURVEY

PROJECT: MT. NANSEN PROJECT # : 337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 7/16/88
SURVEY BY : SK NTS : 115 I/3
FILE: M337NAN
501 NORANDA EXPLORATION