MAP NO.:	**ASSESSMENT REPORT** X	**DOCUMENT NO:**	092771
	PROSPECTUS	**MINING DISTRICT:**	Whitehorse
	CONFIDENTIAL X	**TYPE OF WORK:**	Geophysical, Drilling
115 I 3	**OPEN FILE**		

REPORT FILED UNDER: Noranda Exploration Co. Ltd

DATE PERFORMED: 10 May-16 June, 1989 **DATE FILED:** 14 November, 1989

LOCATION: **LAT.:** 62°02'N **AREA:** Mt Nansen

LONG.: 137°15'W **VALUE $: 47 200.00**

CLAIM NAME & NO.: DOWS 1-118 (YB007687-702, etc.)

WORK DONE BY: R. Diment

WORK DONE FOR: Noranda Exploration Co. Ltd

DATE TO GOOD STANDING:

REMARKS: #121 DOWS
Gold occurs in quartz-chalcedony veins associated with silicified feldspar porphyry dykes southwest of Mt Nansen. Exploration in 1989 included fill-in IP and magnetometer surveys and one diamond drill hole (198.7 m). The only significant intersection was a quartz breccia containing 2.43 g/t Au over 7.5 m including 10.2 g/t Au over 1.5 m.

DIAMOND DRILLING REPORT 1989

on the

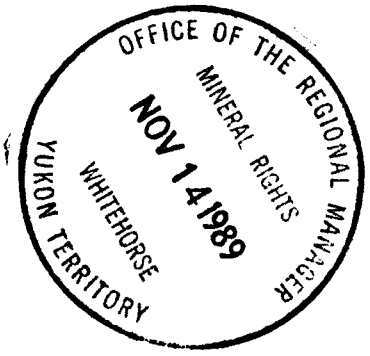
DOWS 1-118 CLAIMS

Whitehorse Mining District

N.T.S.: 115 I/3

Latitude: 62 02'N

Longitude: 137 15'W



092I71

Owner: Noranda Exploration Co. Ltd.
(no personal liability)

R. Diment
October, 1989

Approved as physical work

SUMMARY

Noranda's Mt. Nansen property consists of 109 contiguous mineral claims in the Dawson Range Gold Belt, Yukon. It has 2WD road access to within 2.5 km of the claim group and a cat trail through to the property.

One hole (Dows 6) was drilled to test the vertical extention of the mineralized zones C1 and C2. The only significant intersection was a quartz breccia containing 2.43 gmt gold over 7.5m including 10.15 gmt over 1.5m. Furthermore it is believed that C1 and C2 are the same zone but has been offset by two N-S striking normal faults.

A 100km magnetometer survey, prospecting and soil sampling conducted over the rest of the property discovered no further anomalies of any economic potential.

It is recommended that no further work be done on the property since the width at depth (1.5m), grade (average of 4-5 gmt) and strike length (75m) are too limited to conceive that an economic deposit can be outlined.

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CHAPTER ONE: INTRODUCTION

1-1: Introductory Statement

The Dows 1-16, (YB07687-702), Dows 17-72 (YB12755-801) and Dows 73-118 (YB13055-100) are located approximately 50km due west of Carmacks, Yukon.

The claims were staked in 1987 and 1988 to cover mineralized subcrop and possible extensions. The current drill program was undertaken to test the vertical extent of mineralized zones (C1 & C2) found during the 1988 field season.

1-2: Location & Access

The property (NTS 115 I/3; Latitude 62 02N; 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.

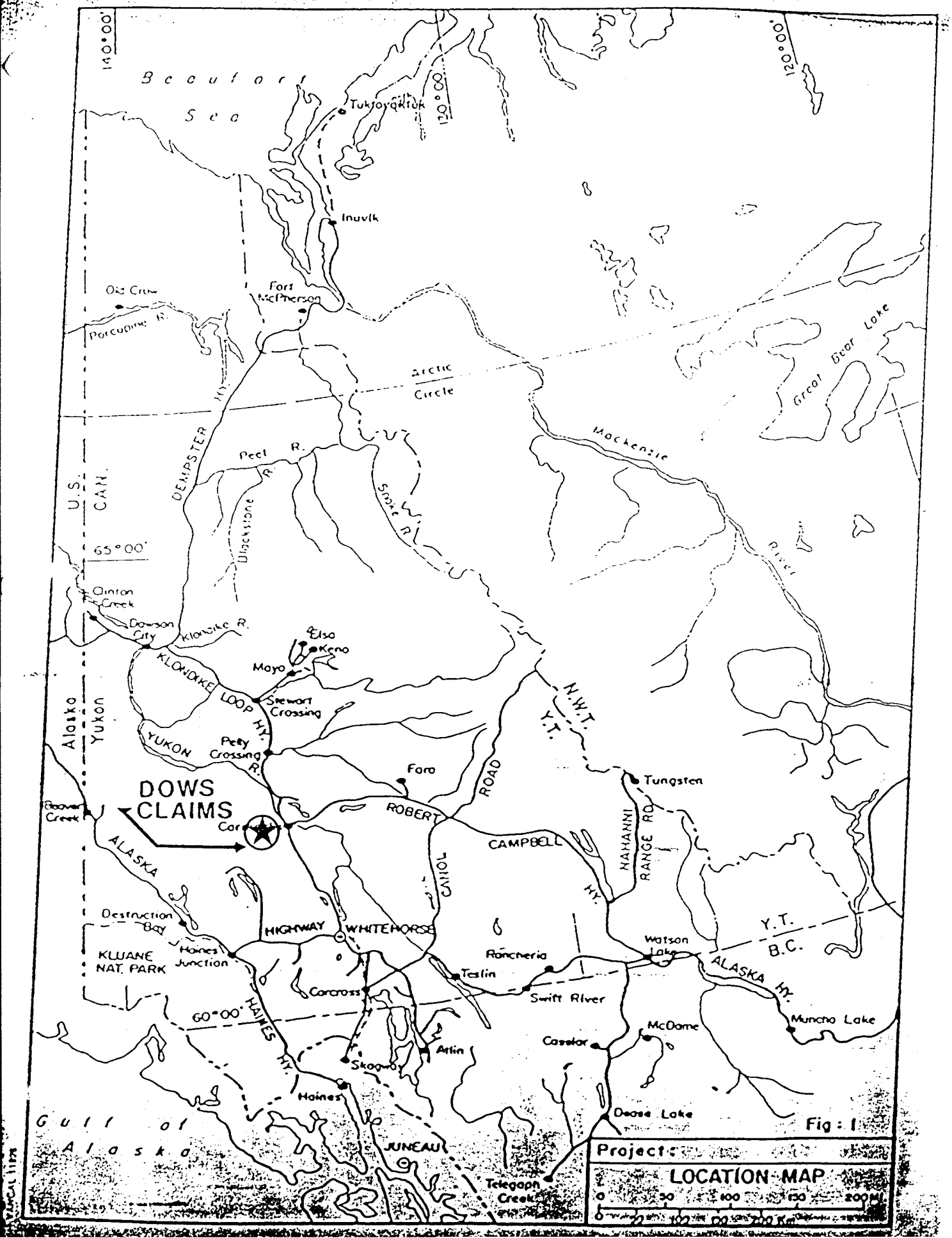
1-3: Physiography & Vegetation

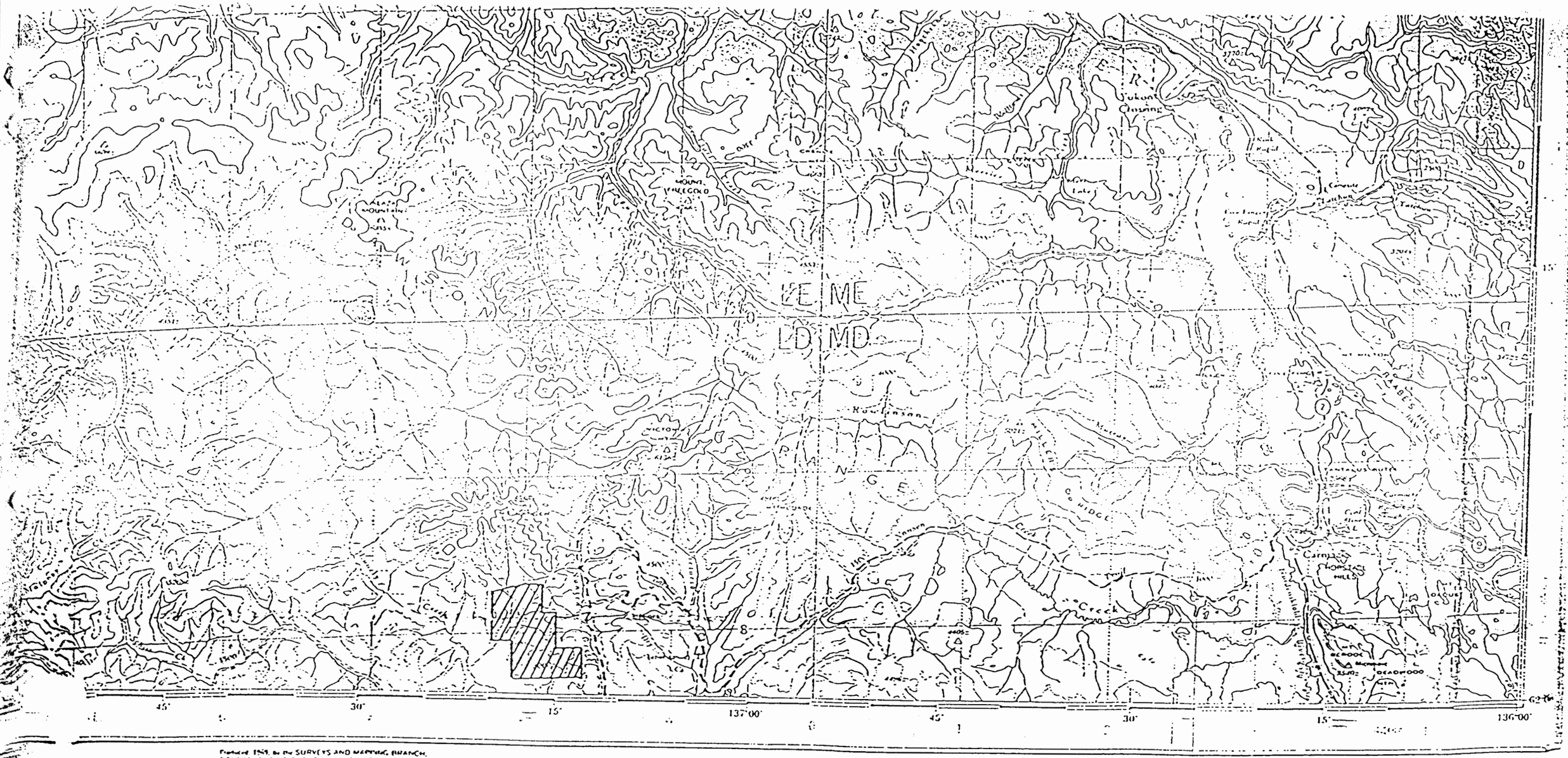
The claims lie within the Dawson Range, a region characterized by an unglaciated upland plateau disected by present drainage. The claim group is located on a gentle west facing slope with maximum elevation of 1280m (4200'). Outcrops are generally restricted to ridge tops.

Vegetation, consists 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, on Aug. 25, 1987 and registered Aug. 31, 1987. Noranda Exploration


DOWS CLAIMS
Project:
LOCATION MAP
0 50 100 150 200 Mi
0 100 200 300 Km
Fig : 1
Beaufort Sea
Tuktoyaktuk
Inuvik
Old Crow
Fort McPherson
Porcupine R.
Arctic Circle
Great Bear Lake
Mackenzie
Peel R.
DEMPSTER HY.
Blackstone
Snake R.
U.S.
CAN.
65°00'
Clinton Creek
Dawson City
Klondike R.
Elsa
Keno
Mayo
KLONDIKE LOOP HY.
Stewart Crossing
YUKON
Pelly Crossing R.
Alaska
Yukon
Faro
ROAD
N.W.T.
Y.T.
Tungsten
Beaver Creek
ROBERT
CAMPBELL HY.
CANOL
MAHANNI RANGE RD.
ALASKA HIGHWAY
Destruction Bay
KLUANE NAT. PARK
Haines Junction
WHITEHORSE
Rancheria
Watson Lake
Y.T.
B.C.
ALASKA HY.
Teslin
Carcross
Swift River
Muncho Lake
60°00'
HAINES HY.
McDame
Cassiar
Atlin
Skagway
Haines
Dease Lake
Gulf of Alaska
JUNEAU
Telegaph Creek



Printed 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°15' easterly at centre of east edge. Mean annual change 3.8' westerly

Interim Corrections 1974

CARMACKS
YUKON TERRITORY

Scale 1:250,000 Échelle

Miles 0 5 10 15
Kilometres 0 5 10 15 20 Kilomètres

CONTOUR INTERVAL 500 FEET
Elevations in feet above Mean Sea Level
Datum determined on Bessel Spheroid 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
Altitudes 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

Published in 1969 by the DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES
Imprimé en 1971

FIG : 2

REVISED	MT. NANSEN - DOWS CLAIMS
	CLAIM LOCATION MAP
PROJECT 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

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/16

MOUNT NANSEN

YUKON TERRITORY

SCALE 1:50,000 ÉCHELLE

Routes:

...ce, all weather ..... pavée, toute saison

...weather ..... pavée, toute saison

...ished surface, all weather ..... gravier aggloméré, toute saison

...ce, dry weather ..... de gravier, période sèche

..... de terre

..... sentier ou portage

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

EQUIDISTANCE
Élévations en pieds au-dessus du niveau moyen de la mer
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.

Certains noms sur cette carte ne sont pas encore officiels. Les corrections ou additions de la carte sont sincèrement invitées par la Direction des levés et de la cartographie.

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

FIG : 4

REVISED	MT. NANSEN – DOWS CLAIMS
	CLAIM MAP
PROJECT 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

1000 METRES

subsequently commissioned the staking of the remainder of the claims on Jan. 7, 1988 (registered Jan. 8, 1988).

Upon acceptance of this report, Dows 1-16, 49-60 and 65-68 will remain in good standing until February 28, 2001. Dows 73-105, 107, 109, 111 will remain in good standing until Feb. 28, 1996. The rest of the claims will remain in good standing until February 28, 1997.

1-5: Previous Exploration

Exploration in the Mt. Nansen area dates back to the turn of the century with most creeks being staked by placer miners on their way to the Klondike. The first geologist to visit the area was D.D. Carines of the G.S.C. in 1914. He examined the placer gold potential of Nansen and Victoria Creeks and made a reconnaissance survey of the area. H.S. Bostock also of the G.S.C. conducted a reconnaissance survey of the Carmacks district between 1932 and 1934.

In 1943, prospectors discovered Pb-Ag-Au veins which were later explored by Peso Silver Mines Ltd.. In 1968, Mt. Nansen Mines Ltd. opened a 400 t.p.d. mill to process ore mined from the Brown-McDade vein but it closed operations in 1969 due to poor mill head recoveries of the precious metals.

More recently, numerous companies are evaluating the region for potential bulk-mineable heap-leachable Au-Ag deposits. Important lode deposits already discovered in the area are:

NAME	TONNES	Au (opt)	Ag (opt)
Laforma	198,000	0.32	?
Brown-McDade	800,000	0.23	1.0
Huestis	85,728	0.45	9.11
Webber	58,524	0.34	19.29
Tinta Hill	516,000	0.12	6.4

In the immediate claim group area there is little evidence of previous exploration except for placer evaluation of the various creeks on the property. Prior to Noranda optioning of the property the only work done was that completed by the prospector, Mr. Eugene Curley. In 1987 Mr. Curley retrieved mineralized samples from pits dug in the area of a strong dowsing anomaly and then had two back-hoe trenches dug to expose these zones.

During 1988 a grid was established over the original sixteen claims. A geochemical survey consisting of 673 soil samples as well as 4.6 km of VLF, 4 km IP and 43 km of a magnetometer survey were completed on this grid. Later, a total of 5 trenches were dug and sampled (137 trench samples) and five diamond drill holes were drilled (388.01m) to test geophysical and geochemical anomalies.

1-6: Work Program

In May of 1989 one diamond drill hole (198.7m) was drilled by a four person crew from E. Caron Diamond Drilling Ltd., while a two person Noranda crew logged and split the core. Later in the same month a three person Noranda crew placed 100km of

flagged line over the remainder of the Dows property.

In June a six person crew from MPH Consulting Ltd. completed 10km of IP (infill of 1988 IP survey) and a 100km magnetometer survey over the remainder of the property. At the same time a two person Noranda crew collected 241 soil samples and 31 rock samples over the same area.

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 gneisses of the Crystalline Terrane predominate as the basement in this area. These rocks have been intruded by two main igneous events; an early Jurassic plutonic suite comprised of syenite to monzonite which was later metamorphosed and foliated and younger Cretaceous suite of plutonic and related volcanic units.

Major regional structure generally trend northwest through the area, the most distinctive being the Big Creek Fault. This fault forms the northeast boundary of 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 special relationship to felsic porphyry dykes which are believed to be a late Cretaceous event. The porphyry units are often brecciated and fractured, possibly due to the explosive action of confined late stage volatiles. Areas of fracturing act as plumbing systems and

have contributed to localizing hydrothermal solutions. Advanced argillic and phyllic alteration mineral assemblages are often found in these brecciated core areas surrounded by irregular halos of argillic and propylitic alteration.

2-2: Property Geology

Like most of the region, outcrop is scarce on the property due to the lack of recent glaciation. A castellated outcropping of basement schist occurs on the ridges at the western and eastern edges of the property. Within this metamorphic complex are minor quartzite and pink granite gneiss. Small outcroppings of andesitic to basaltic flows of the Mt. Nansen Group are exposed in the southwest corner of Dows 16. Also small subcroppings of flow banded rhyolite (Mt. Nansen Group) occur in the eastern edge of Dows 22. Three separate subcrops of intense silica alteration (i.e. vein material) with disseminated sulphides were discovered at 6525 E 10025N, 7930 E 9500N, 10840 E 6730 N.

Bedrock exposed in the trenches consists 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 grained with quartz and/or plagioclase occuring as small phenocrysts less than 2mm in size. These prophyrys 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 consists of quart flooding and veining. Two main zones of strong silica alteration with sulphides have been located in trenches NT-1 and approximately 100m east in NT-5. The Curley zone in the discovery trench (NT-1) is exposed over a width of 14m (not true width) while the second smaller zone has a near true width of 6m in two small sub zones. The zones strike at approxiamtely 120 degrees and dip 60-65 degrees northeast. 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 OF FORMATION

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

FIG: 8

REVISED	MT. NANSEN – DOWS CLAIMS
	REGIONAL GEOLOGY
PROJECT 337	SURVEYED BY KG DATE OCT 88
DRAWN BY JT 5/13	SCALE 1:30,000
PWG No.	NORANDA EXPLORATION
	OFFICE WHITEHORSE

CHAPTER THREE: GEOCHEMISTRY

3-1: Soil Geochemistry

Surveys conducted during the 1989 field season were limited to three areas on the extended grid where new mineralized subcrop and outcrop were discovered. Unfortunately no significant anomlies were found. One area at the western edge of the property a thick (~1m) layer of light grey eolian sand was found directly beneath the "B" horizon. A large sand dune occurs @ 7100E, 11,400N at the break in slope between the N-S trending ridge and the valley floor. It is very likely that this sand has been transported from some unknown source and therefore would mask bedrock geochemistry. Weak sporadic gold anomalies were encountered; however, these anomalies are probably reflecting the eolian sand geochemistry rather than local bedrock. For a more detailed description of procedures refer to Geological, Geochemical & Geophysical Report 1988 on the Dows 1-118 Claims by Ken Galambos. For soil sample results refer to Appendix IV.

3-2: Rock Geochemistry

Sampling of three subcrop that contained similar silicification and mineralization as the C1 zone revealed no significant gold anomalies. One sample of float approximately 50m north of the Curley Zone contained 5650 ppb gold. For a more detailed description of samples and results refer to appendices III and IV.

CHAPTER FOUR: GEOPHYSICS

4-1: Procedures

During the summer of 1989 magnetometer and IP surveys were completed on the Mt. Nansen grid. The magnetometer survey employed Omni 4 magnetometers manufactured by EDA Instruments of Toronto, Ontario. The Total Field readings were recorded at 12.5 metre intervals and all applicable corrections (diurnal and daily drift) were applied to the data to ensure an instrument accuracy of 0.1 nanoTeslas. True field accuracy is probably of the order of 2 to 5 nT.

The IP survey employed Time Domain equipment, in particular the IP-6 receiver manufactured by BRGM instruments. The survey used a 25 metre dipole-dipole array configuration with readings recorded down to the fifth separation (n=1..5).

All of the 1989 surveys were completed under contract by MPH Consulting of Toronto, Ontario. The 1989 data has been merged with the magnetic and IP data collected during the previous field season (1988). The 1988 IP data can be readily identified on the pseudo-sections as the readings were recorded down to only the fourth separation (n=1..4) as opposed to the five separations recorded by the 1989 IP survey. Similiarly the 1988 magnetic survey was completed over the detail grid.

4-2: Magnetometer Survey

The data is presented in contoured form at a scale of 1:10,000 which does not provide a detailed representation of this data set. Several structural directions are evident at approximately 140 degrees - 150 degrees, 070 degrees and 045

degrees in order of decreasing signature expression. Small areas of high magnetic susceptibility are observed throughout the map area particularly around L.6100E/9700N and the northwest quardrant of the detail grid (L.9400E-8300E/10600N-11000N).

4-3: I.P. Survey

The I.P. survey was completed over sections of 14 grid lines in order to map the underlying geology and define targets of interest. The I.P. data has recorded weak but distinct chargeability anomalies and resistivity features that are as indicated on the I.P. pseudo-sections. A number of chargeability anomalies stand out in terms of chargeability amplitude and anomaly shape and these are as listed below.

L.8500E /11062.5N L.8800E /10475.0N
/11000.0N

L.8600E /10250.0N
/10337.5N

L.9100E /10675.0N
/10737.5N

L.9200E /10350.0N

L.9500E /10125.0N

L.9700E /10775.0N-10875N(?)

I.P. pseudo sections are located in Appendix I.

CHAPTER FIVE: DIAMOND DRILLING

5-1: Procedures

The purpose of the 1989 drilling program was to test the depth and lateral extent of mineralization in both the C-1 and C-2 zones. One hole, intersecting both zones, was drillied for a toatl of 198.73m. A drilling plan map showing the drill site and zones C1-1 and C-2 is provided in Appendix 1.

HOLE #	DEP	LAT	AZ	ANG	TARGET	DEPTH
Dows 6	10525N	92860E	210	-60	C1 & C2 zone at depth	198.83

A long year "Super -38" diamond drill and a Catepillar D6c bulldozer were used throughout the drill program. Equipment and crew were under contract from E. Caron Diamond Drilling Limited of Whitehorse.

Bad ground (i.e. caving) was experienced in the hole. However, using mud instead of water reduced caving problems considerably allowing the entire hole to be completed with HQ drill rods. Recoveries were generally good ranging between 46% and 100%. The poorer recoveries were experienced in intensely clay altered zones near the top of the hole (46%) and in mineralized sections (55%) where quartz fragments were contained within an intensely clay altered matrix.

The core was logged and split in 1.5m intervals except where major fault or minerlaized zones warranted a slightly larger or smaller sample size. Samples were shipped to Acme Analytical Laboratories in Vancouver and analysed using their 30 element ICP plus A.A. for Au & Hg package.

5-2: Results

Significant Results

DOWS 6: 2.43 gmt/7.5m, includes 10.15 gmt/1.5m

The majority of the hole consisted of intensely clay altered gneiss at the top of the hole and well foliated silicified gneiss at dpeth. One quartz breccia zone was intersected containing clay altered feldspar porphyry fragments within a dark grey silicified matrix. Pyrite ranges between 10 and 20% within the matrix. This zone contained an average of 2.43 gmt gold over 7.5m which includes 10.15 gmt over 1.5m.

The last fifty metres of the hole consists primarily of a strongly clay altered volcanic agglomerate. Clasts range in size from 1-25 cm across with minor black siliceous clasts containing up to 15% pyrite. The hanging wall to the volcanic agglomerate consists of a 30m wide section of silicified gneiss with moderate amounts of fault breccia up to 1.5m wide. A complete drill log is located in Appendix II.

5-3: Discussion

From the information gained in Dows 6 the mineralized zones found in last years trenching and drilling may in fact be the same zone but offset by normal faulting. Surface trenches NT-1 and NT-5 outlined two mineralized zones (C1 & C2) which strike approximately 120 degrees and dip 60-65 degrees to the northeast. Taking this into account, Dows 6 should have intersected C1 zone between 100m and 120m. Instead a similar zone was intersected at 40m with a younger pyroclastic unit (relative to the gneiss) making up the bottom third of the hole. Fault breccia

intersected at 110m may represent a near vertical N-S striking normal fault in which the western block has been downdropped, preserving the pyroclastics. Subsequent erosion of the eastern block would have displaced the C-1 zone northward to where it was intersected at 40m in Dows 6. The C2 zone in surface trench Nt-5 is offset from the mineralized zone found in holes Dows 1 and 6. A similar N-S striking normal fault could also explain this offset. For a more detailed description refer to Long Section F-F'.

CHAPTER SIX: CONCLUSIONS & RECOMMENDATIONS

One hole, (Dows 6) was drilled to test the vertical extent of zones C1 & C2. The only significant intersection was a quartz breccia which contained 2.43 gmt gold over 7.5m including 10.15 gmt over 1.5m. From the information gained in Dows-6 it is believed that C1 & C2 are the same zone but have been offset by two parallel N-S striking normal faults.

A 100km magnetometer survey, prospecting and soil sampling failed to discover any significant anomalies on the rest of the property.

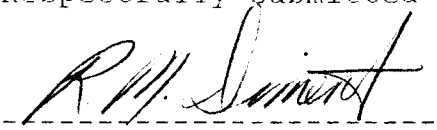
It is recommended that no further work be done on the property for the following reasons:

1) The mineralized zones narrow considerably with depth (i.e. 30m on surface to 7m at 40m depth).

2) The mineralized zones (C1 & C2) are believed to be one zone and not a series of parallel veins.

3) Although the type of mineralization is very similar to the Brown-McDade, Huestis and Weber veins the grade and strike length of the mineralized zones are very limited and are not sufficient enough to conceive that further work would outline an economic deposit.

Respectfully submitted by:



Rick Diment

Geologist

STATEMENT OF COSTS

LABOUR	
114 person days @ $150/day	$ 17,100.
SUPPLIES & LODGING	
114 person days @ $50/day	5,700.
DRILLING	
198.7m (includes mob & demob costs)	54,965.
GEOPHYSICS	
10km IP survey @ $2000/day	24,000.
100km Mag survey @ $150/km	15,000.
GEOCHEM ANALYSIS	
241 soils @ $15/sample	3,615.
31 rocks @ $20/sample	620.
Report Writing, Drafting etc.	1,500.
TOTAL	$122,500.

REFERENCES

Bradish L.,; 1989 Nansen Grid Geophysicl Survey; Internal Noranda Memo

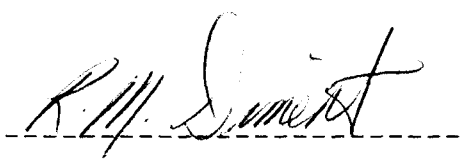
Galambos K.,; 1988 Report on the Geological, Geochemical & Geophysical Report on the Dows 1-118 Claims

Galambos K.,; 1988 Diamond Drilling Report on the Dows 1-18, 49-60 & 65-68 Claims.

STATEMENT OF QUALIFICATIONS

I, Richard M. Diment, do hereby certify that;

1) I have been an employee of Noranda Exploration Company Limited (NPL) in Whitehorse Yukon since April 1989.
2) I am a graduate of the University of British Columbia with a B. Sc. in Geology.
3) I have practiced my profession for the past three year in British Columbia.
4) I supervised and participated in field work done in 1989.



Richard M. Diment

Geologist

6000E 7000E 8000E 9000E 10000E 11000E

13000N 12000N 11000N 10000N 9000N 8000N 7000N

TRAIL

4175

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8000 E 9000 E 10,000 E

11000N 10,000 N BL 9,000 N 8600N

4160±

4602 ±

4500 4000 3500

3100

SCALE 1:10,000

250 0 250 500 750 1000 METRES

NORANDA EXPLORATION CO. LTD.

MT. NANSEN - DOWS CLAIMS

GRID LOCATION MAP

092711

N.T.S. 115 I/3	SURVEYED: K.D.G.	DATE: JUNE, 1988
SCALE: 1:10,000	DRAUGHTING: R.H.	PROJ. NO:

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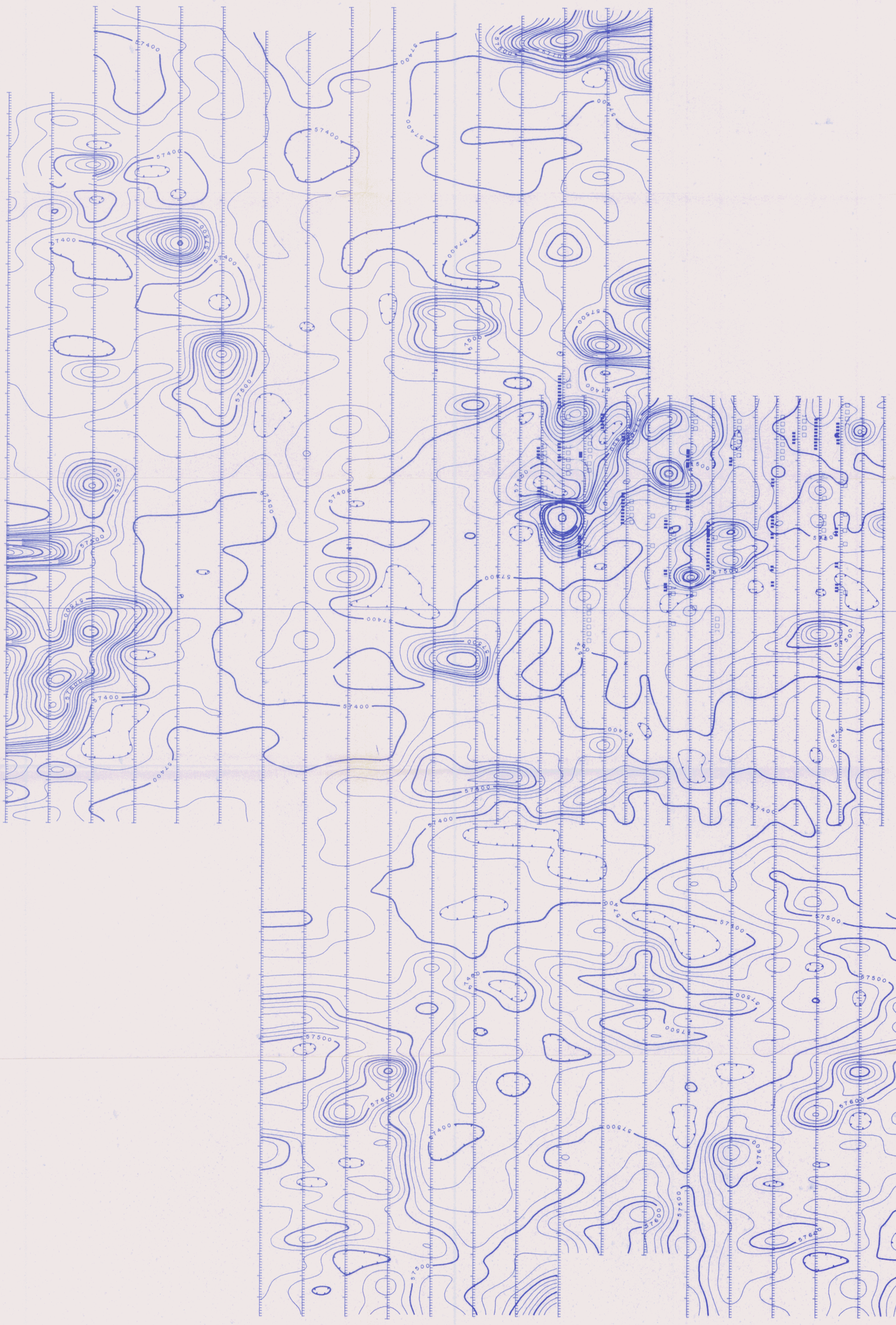
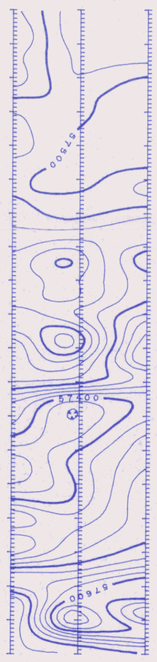


BASELINE 90°



High I.P. Effect
Moderate I.P. Effect
Low Resistivity Zone
High Resistivity Zone

Instrument : OMNI
Field : TOTAL
Datum : 0.0 nT

Contour Interval : 25 nT

Conductor Axis :

200m 100m 0m 200m 400m

MT. NANSEN

MAGNETOMETER SURVEY

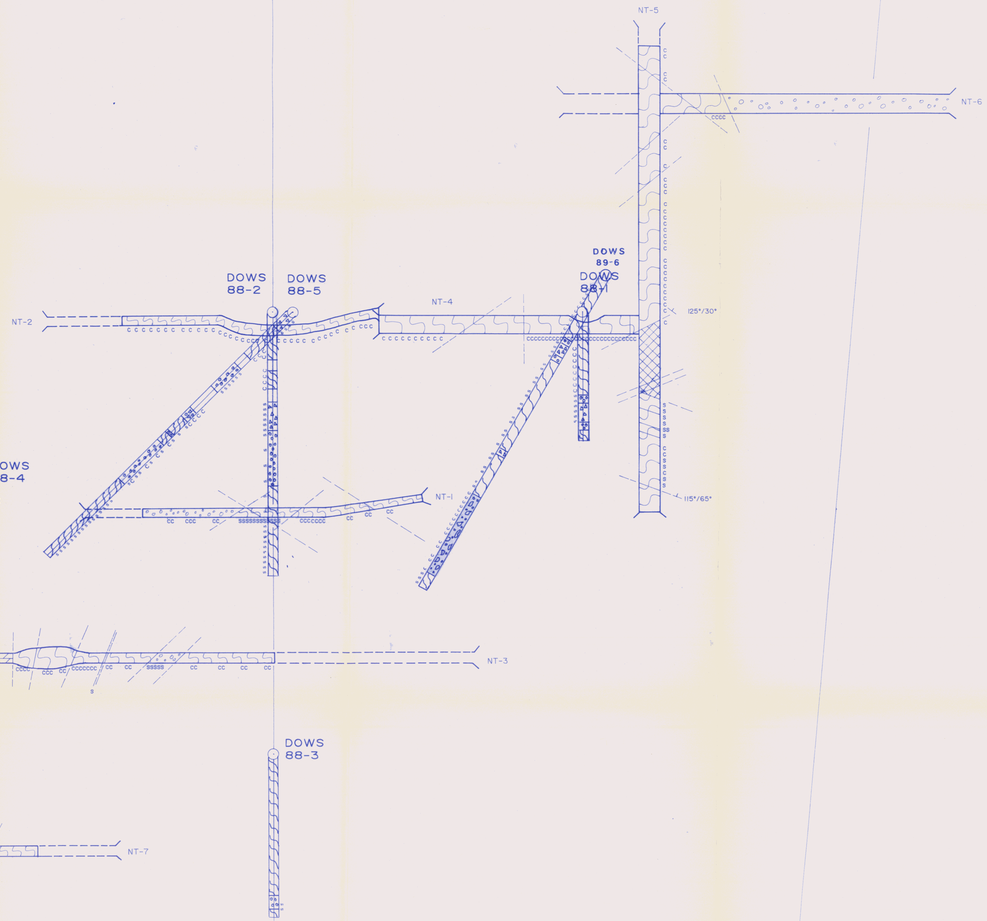
092771

PROJECT: MT. NANSEN PROJECT # : 0337
BASELINE AZIMUTH : 90 Deg.

SCALE = 1 :10000 DATE : 6/10/89
SURVEY BY : MPH NTS : 115I 3
FILE: M033789
NORANDA EXPLORATION

L 9000 E
L 9100 E
L 9200 E
L 9300 E
L 9400 E
L 9500 E

10600 N
10500 N
10400 N
10300 N



DOWS-X VERTICAL PROJECTION

GEOLOGY:

- QUARTZ-FELDSPAR PORPHYRY
- WHITE CRYSTALLINE MARBLE
- GNEISS
- CLAY (CLAY GOUGE)

ALTERATION:

- SILICIFICATION AND/OR QUARTZ VEINING : MODERATE, STRONG
- CLAY ALTERATION : MODERATE, STRONG
- CLAY

REVISED	MT. NANSEN-DOWS CLAIMS
	092771 (190)
	DRILLING PLAN MAP
	(WITH TRENCHING GEOLOGY)
PROJ. No. 338	SURVEY BY K.D.G. DATE JANUARY 1989
N.T.S. 115 I/3	DRAWN BY INTEGRAPHICS LTD. SCALE 1:500
DWG. No. 8	NORANDA EXPLORATION
	OFFICE WHITEHORSE

L 9000 E
L 9100 E
L 9200 E
L 9300 E
L 9400 E
L 9500 E

10600 N
10500 N
10400 N
10300 N

A
A'
B
B'
C
C'
D
D'
E
E'

DOWS 88-1
DOWS 88-2
DOWS 88-3
DOWS 88-4
DOWS 88-5
DOWS 88-6

DOWS - X DRILLED
DOWS - X PROPOSED

092771

REVISED OCTOBER 1989	MT. NANSEN-DOWS CLAIMS (191)
	DRILLING PLAN MAP
PROJ. No. 338	SURVEY BY: K.D.C. DATE: JANUARY 1989
N.T.S. 115 I/3	DRAWN BY: INFOGRAPHICS LTD. SCALE: 1 : 500
DWG. No. 9	NORANDA EXPLORATION
	OFFICE: WHITEHORSE

GEOLOGY

- GNEISS
- QUARTZ-FELDSPAR PORPHIRY
- VOLCANIC AGGLOMERATE
- FAULT BRECCIA

ALTERATION

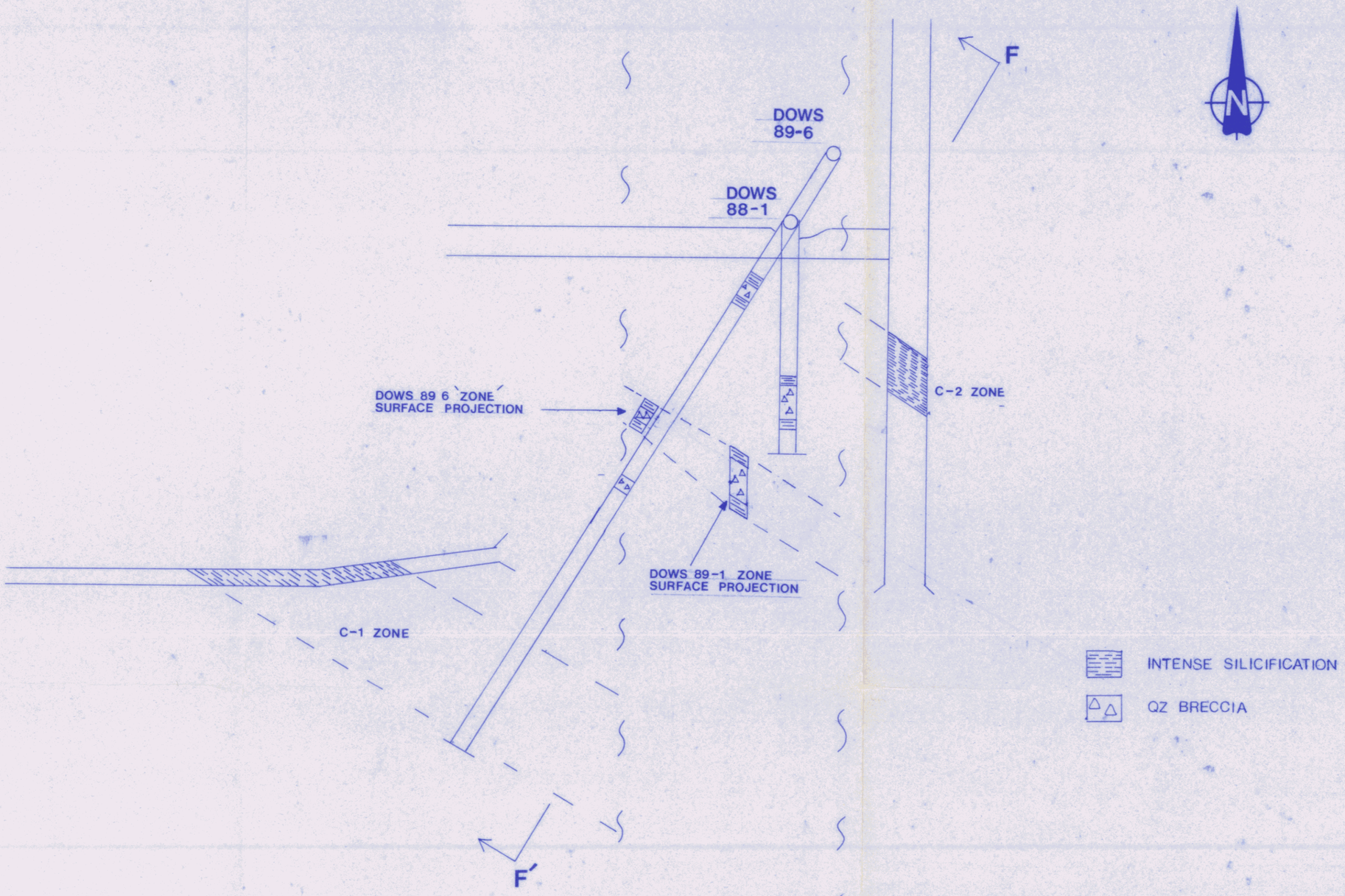
- SS ssss — SILIFICATION AND/OR QUARTZ VEINING, MODERATE, STRONG
- CC cccc — CLAY ALTERATION: MODERATE, STRONG

REVISED	MT. NANSEN - DOWS CLAIMS
	SECTION C-C' (192) 092771 115 13 (LOOKING SOUTHEAST)
PROJ. No. 338 N.T.S. 115 1/3	SURVEYED BY, R.D. DATE: OCTOBER 1989 SCALE 1:500
	NORANDA EXPLORATION OFFICE.....WHITEHORSE

Drawn by: RJS

Integraphics Ltd., Whitehorse, Y.T.

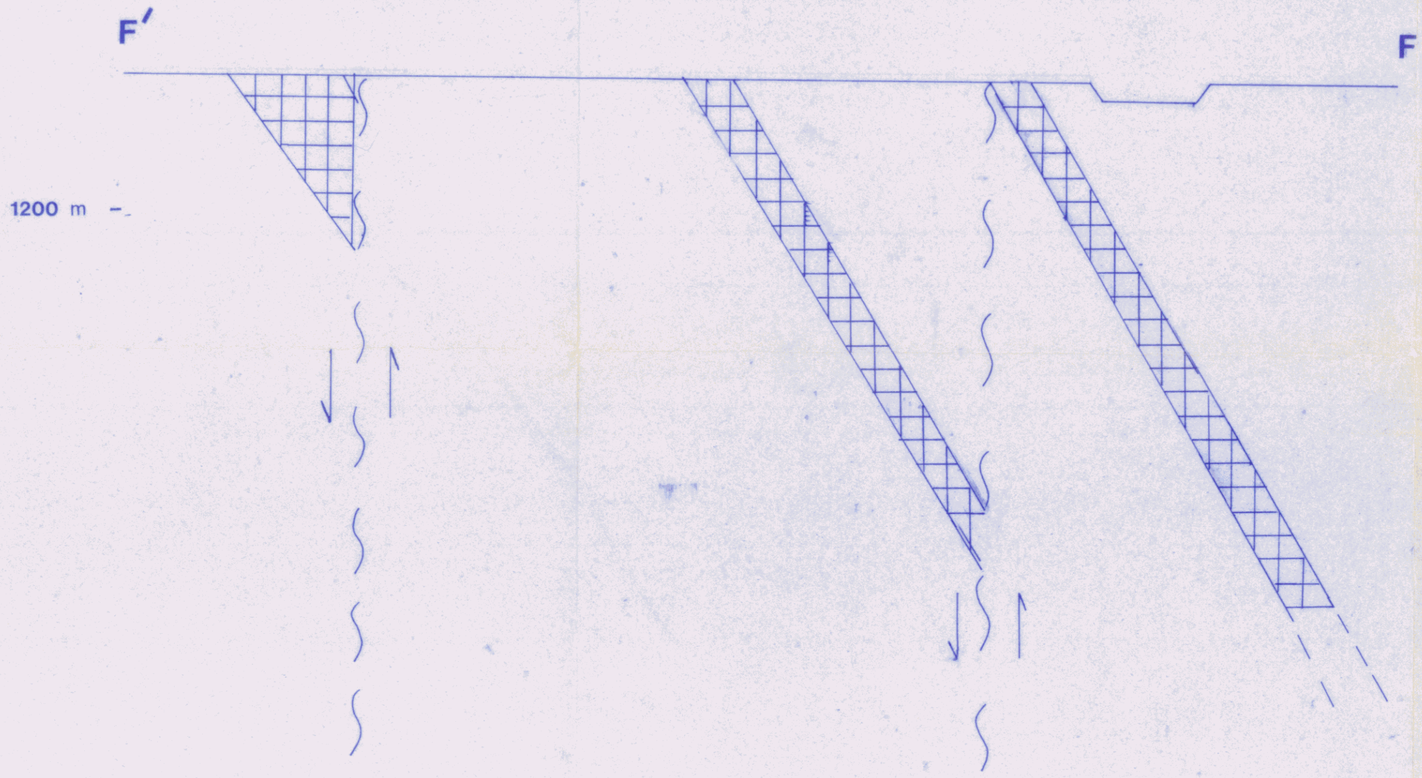
VANCAL 11917



INTENSE SILICIFICATION

QZ BRECCIA

REVISED	PLAN VIEW
PROJ. No.	SURVEY BY: DATE: 1:500
N.T.S.	DRAWN BY: SCALE
DWG. No.	NORANDA EXPLORATION
	OFFICE



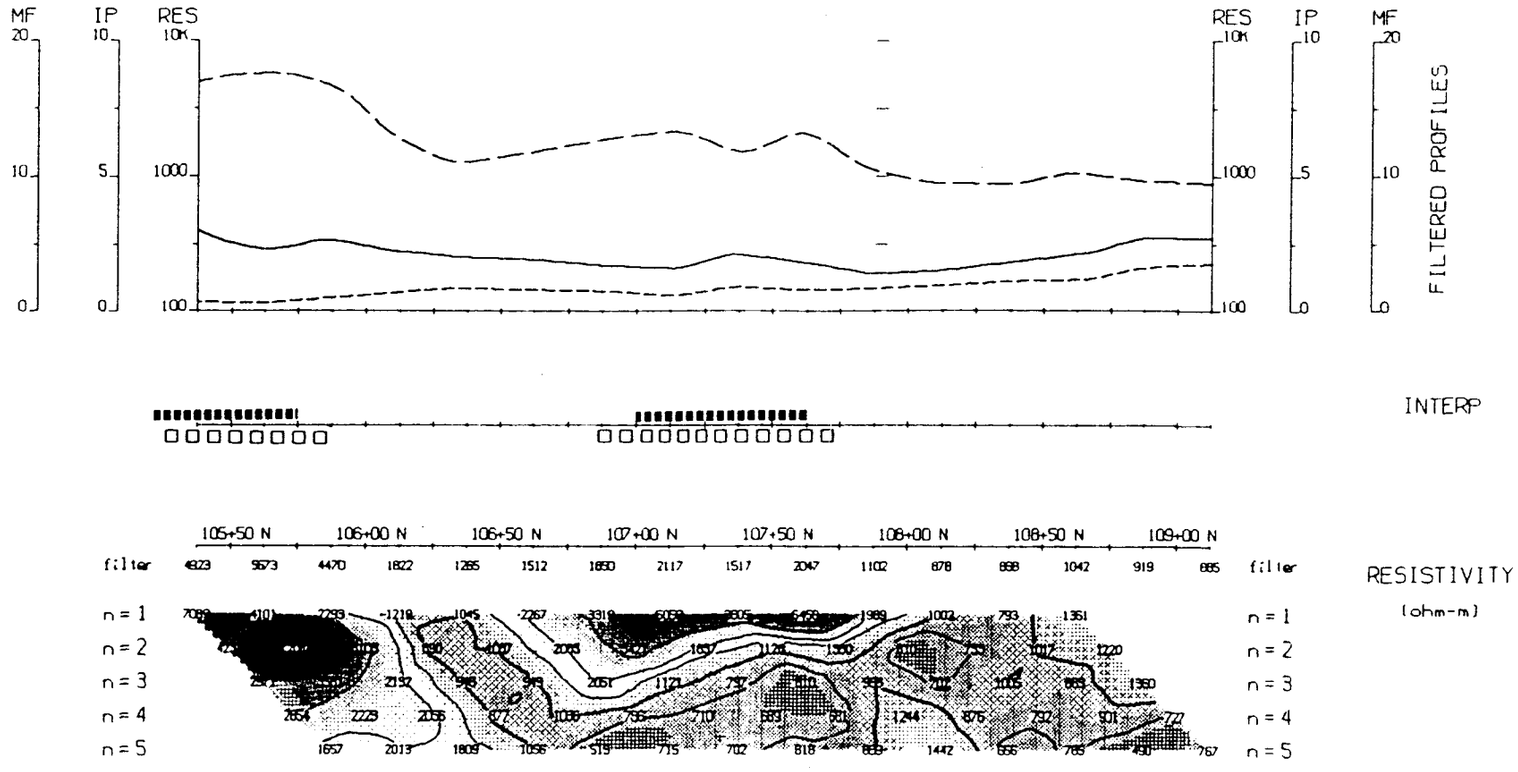
MINERALIZED ZONE

092771

REVISED	MT. NANSEN - DOWS CLAIMS
	LONG SECTION F-F'
	(LOOKING NORTHWEST)
PROJ. No. 338	SURVEY BY: R.D. DATE: OCTOBER 1989
N.T.S. 115 I/3	DRAWN BY: SCALE: 1:500
DWG. No. 11	NORANDA EXPLORATION
	OFFICE

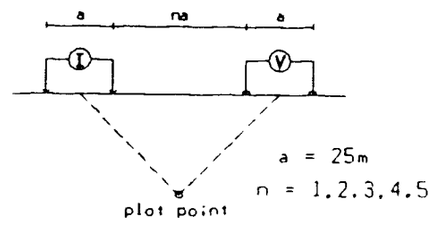
APPENDIX I

GEOPHYSICS RESULTS



Line 8400 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

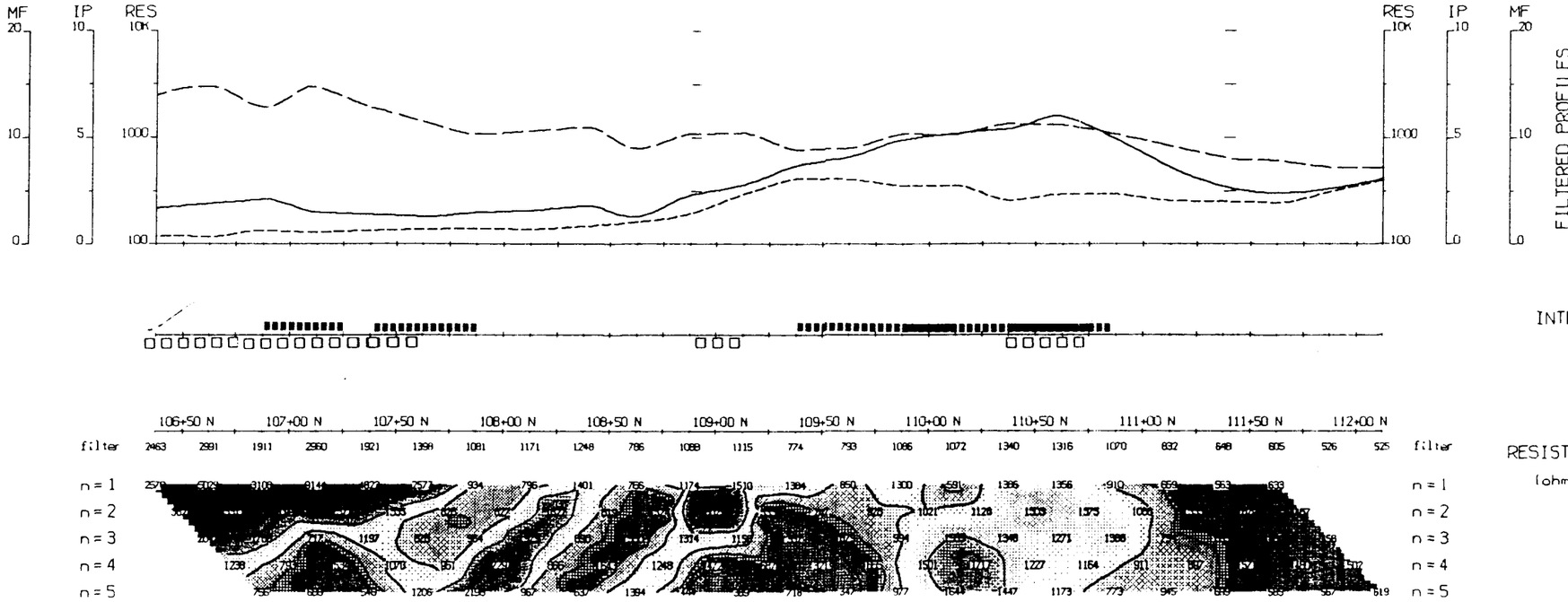
MT. NANSEN PROJECT

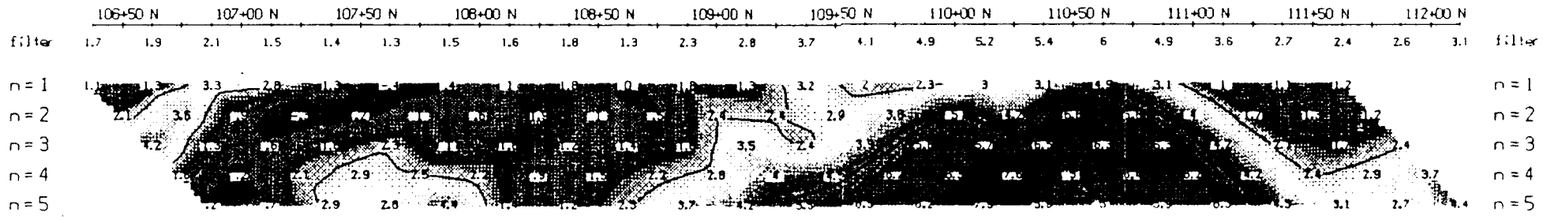
INDUCED POLARIZATION SURVEY

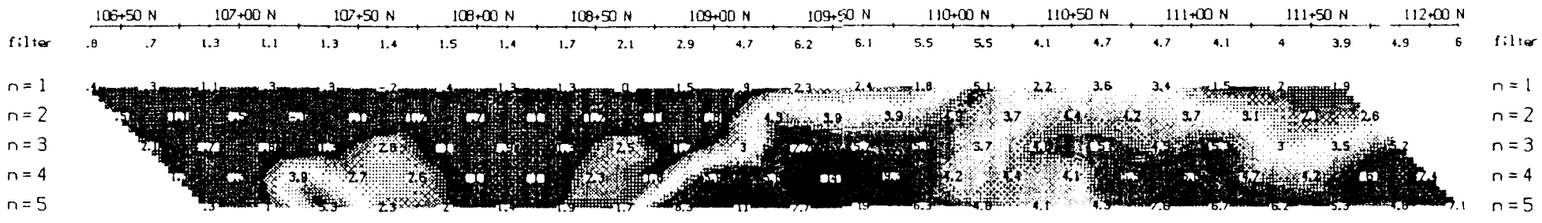
Line 8400 E
Yukon

Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

noranda

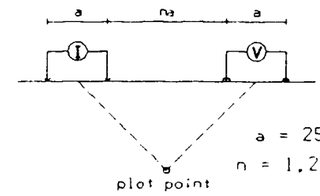






Line 8500 E

Dipole-Dipole Array



a = 25m
n = 1, 2, 3, 4, 5

Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

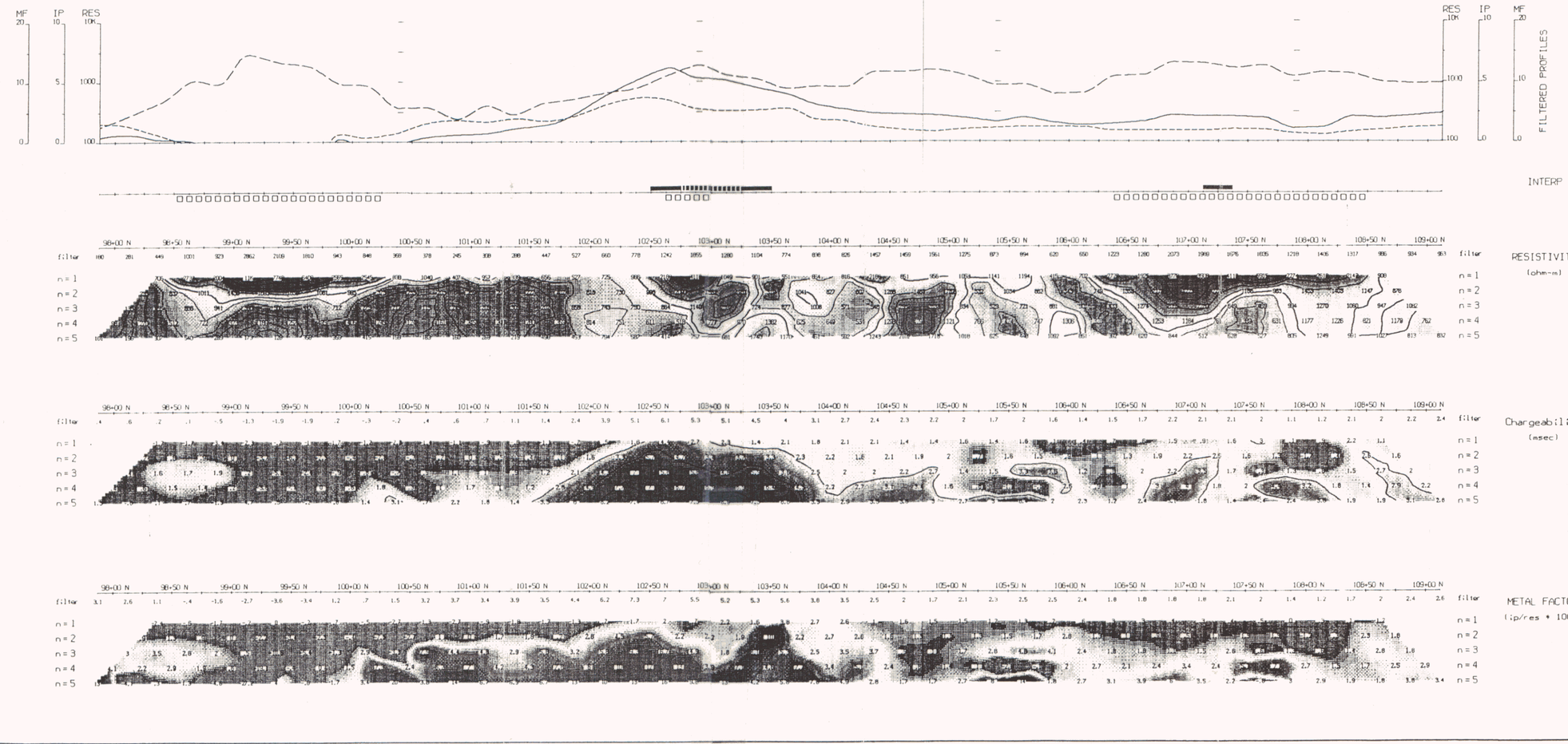
INDUCED POLARIZATION SURVEY

Line 8500 E

Yukon

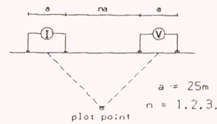
Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a



Line 8600 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

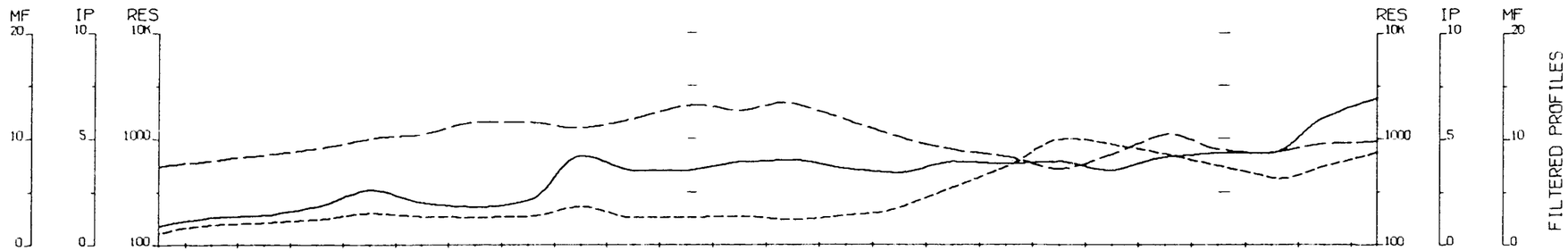
INDUCED POLARIZATION SURVEY

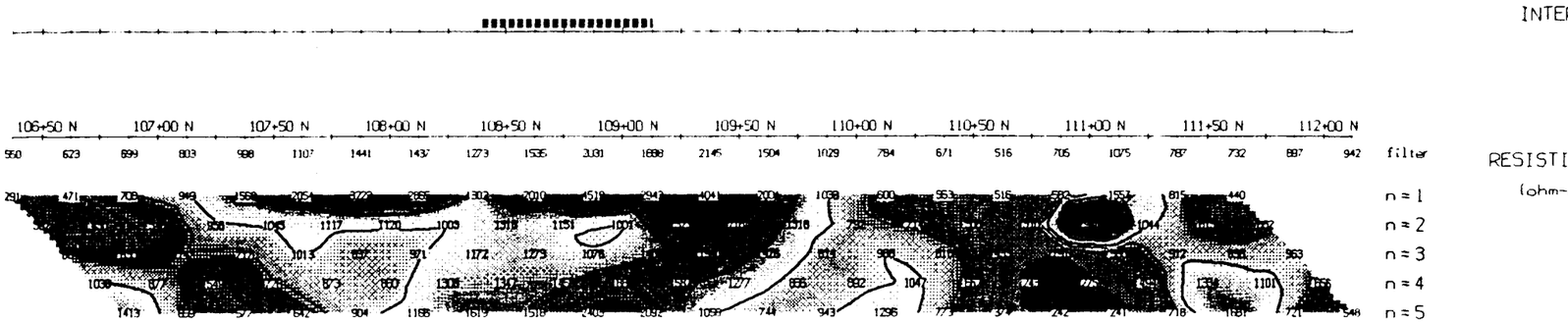
Line 8600 E

Yukon

Date: 89/06/16 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

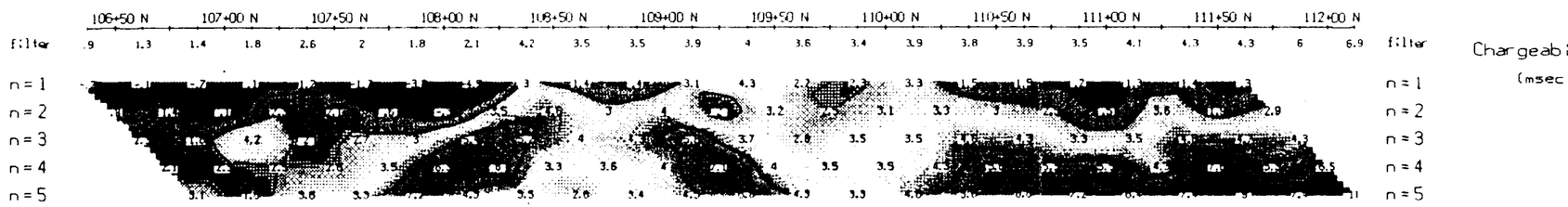
noranda



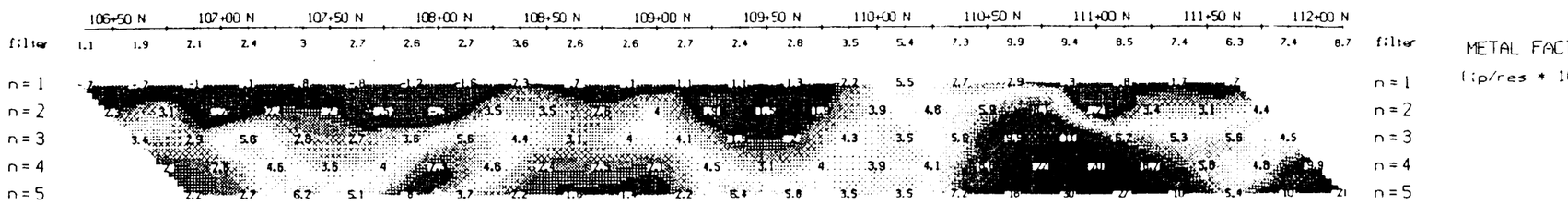


INTERP

RESISTIVITY
(ohm-m)



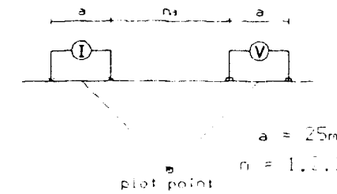
Chargeability
(msec)



METAL FACTOR
(ip/res * 1000)

Line 8700 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

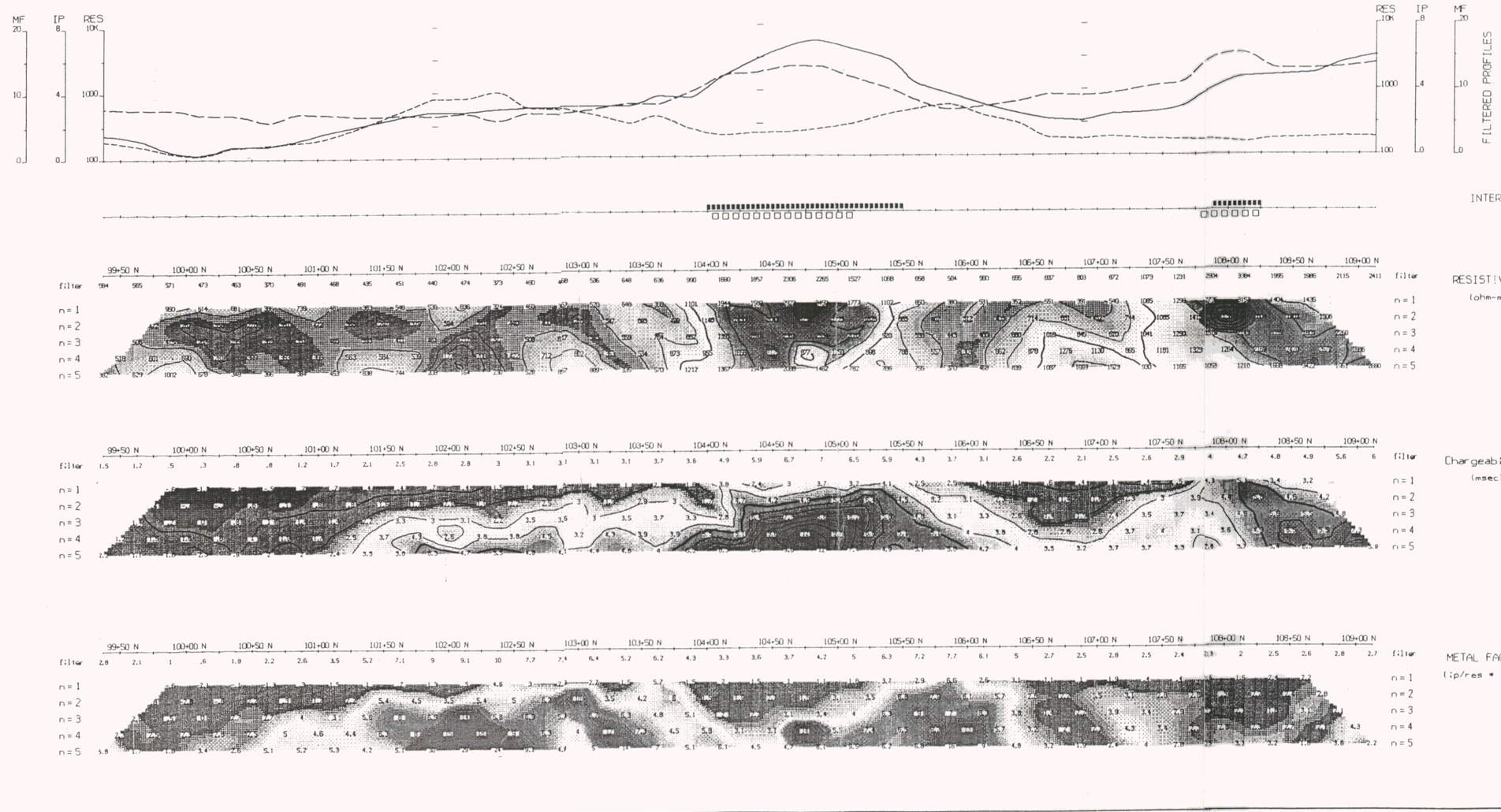
MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 8700 E
Yukon

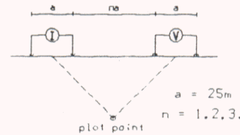
Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

noranda



Line 8800 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5

Filtered Profiles

Resistivity
Polarization
Metal Factor

filter
*
* *
* * *
* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 8800 E

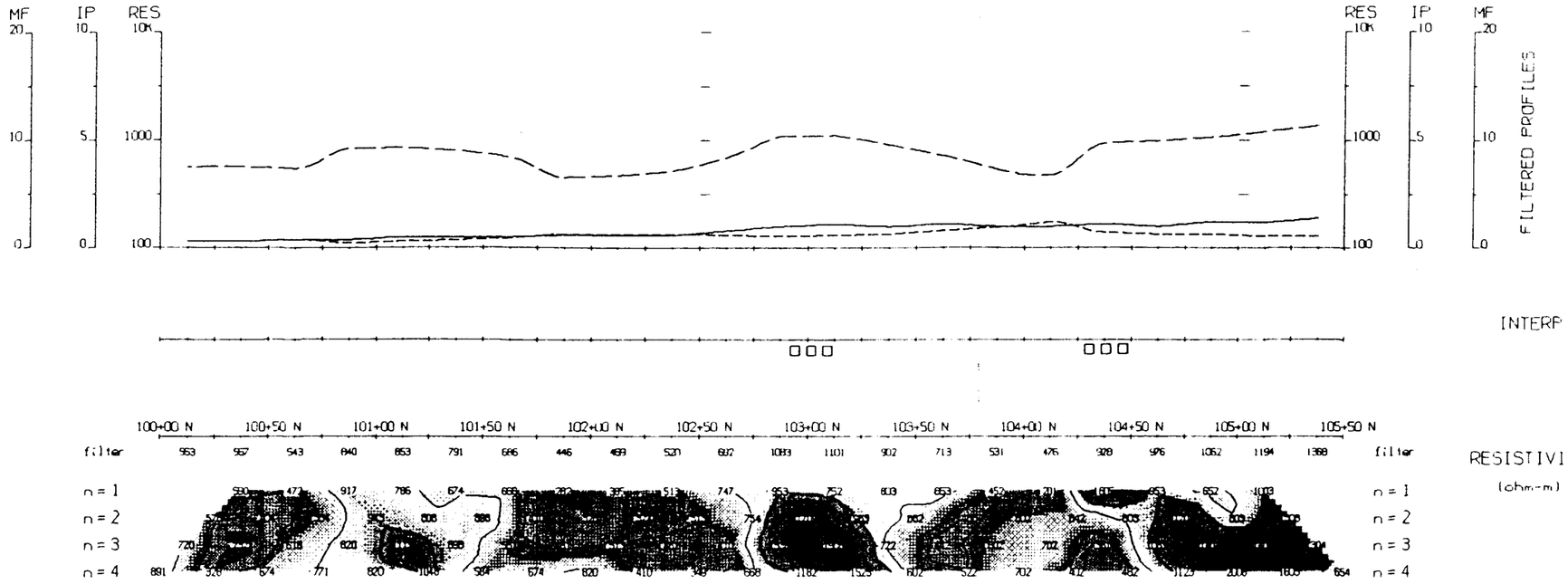
Yukon

Date: 89/06/19 N.T.S 115/1

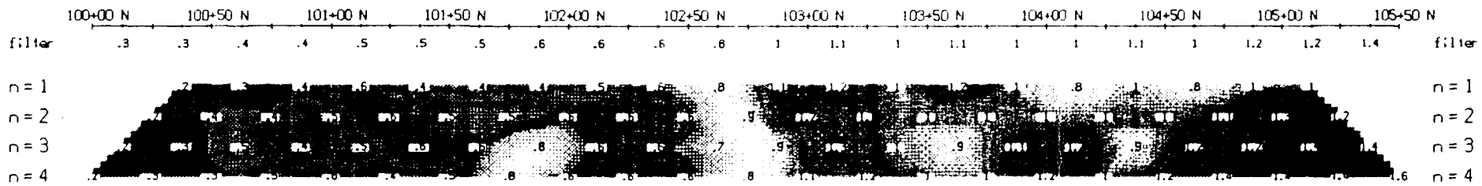
Interpretation by: L. Bradish

Scale: 1 : 2500

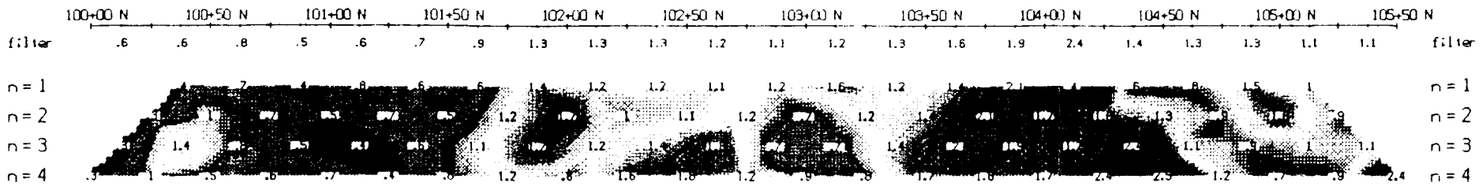
noranda



RESISTIVITY
(ohm-m)



Chargeability
(msec)

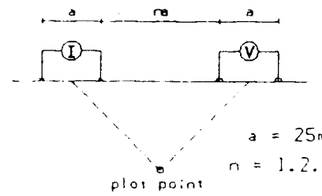


METAL FACTOR
(if res * 1000)

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada

Line 8900 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

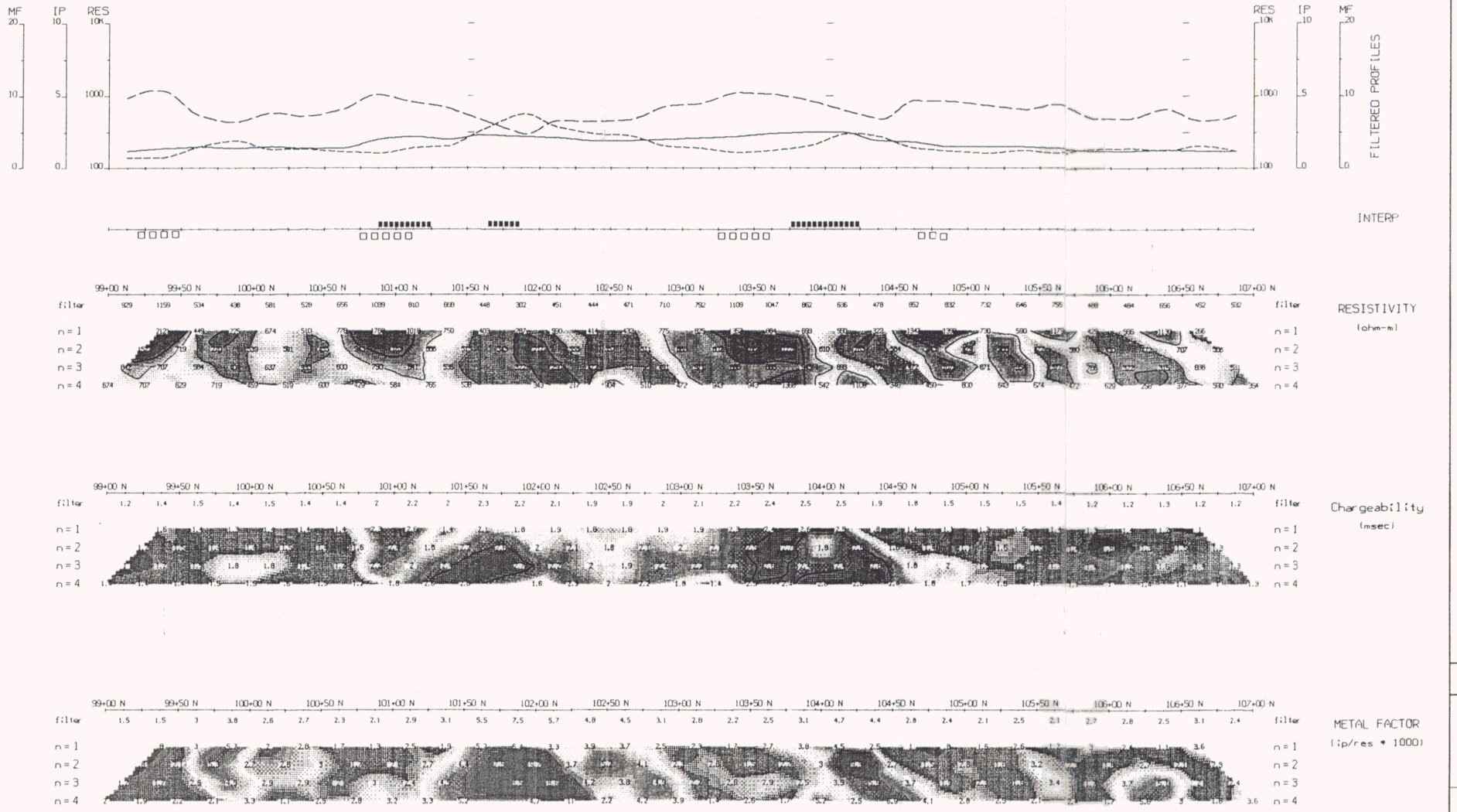
INDUCED POLARIZATION SURVEY

Line 8900 E

Yukon

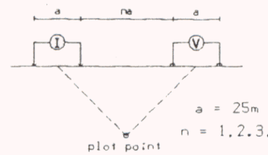
Date: 89/06/15 N.T.S 115/1
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a



Line 9000 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 9000 E

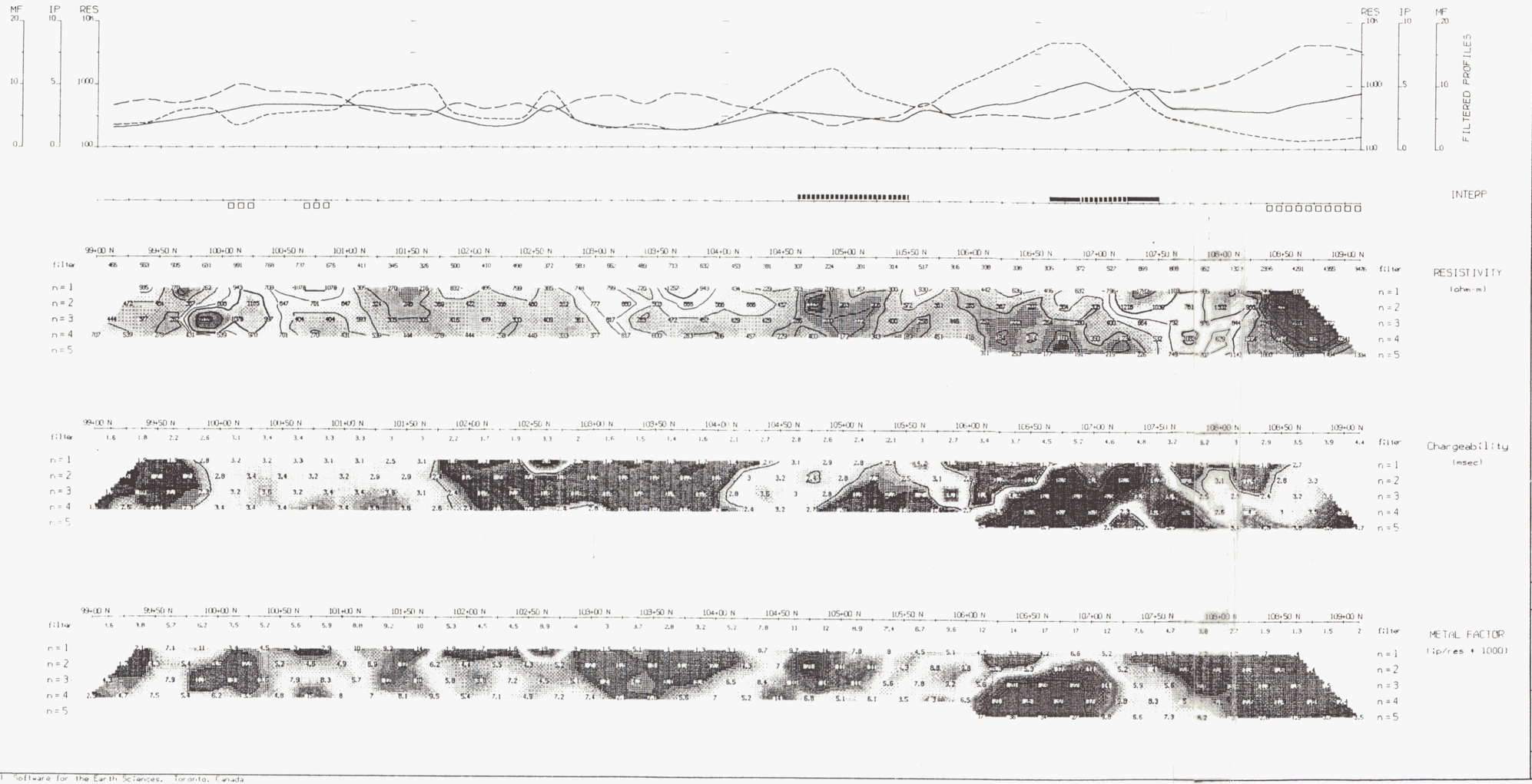
Yukon

Date: 89/06/15 N.T.S 115/I

Interpretation by: L. Bradish

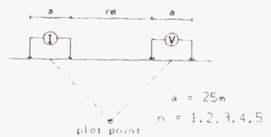
Scale: 1 : 2500

noranda



Line 9100 E

Dipole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

filter

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

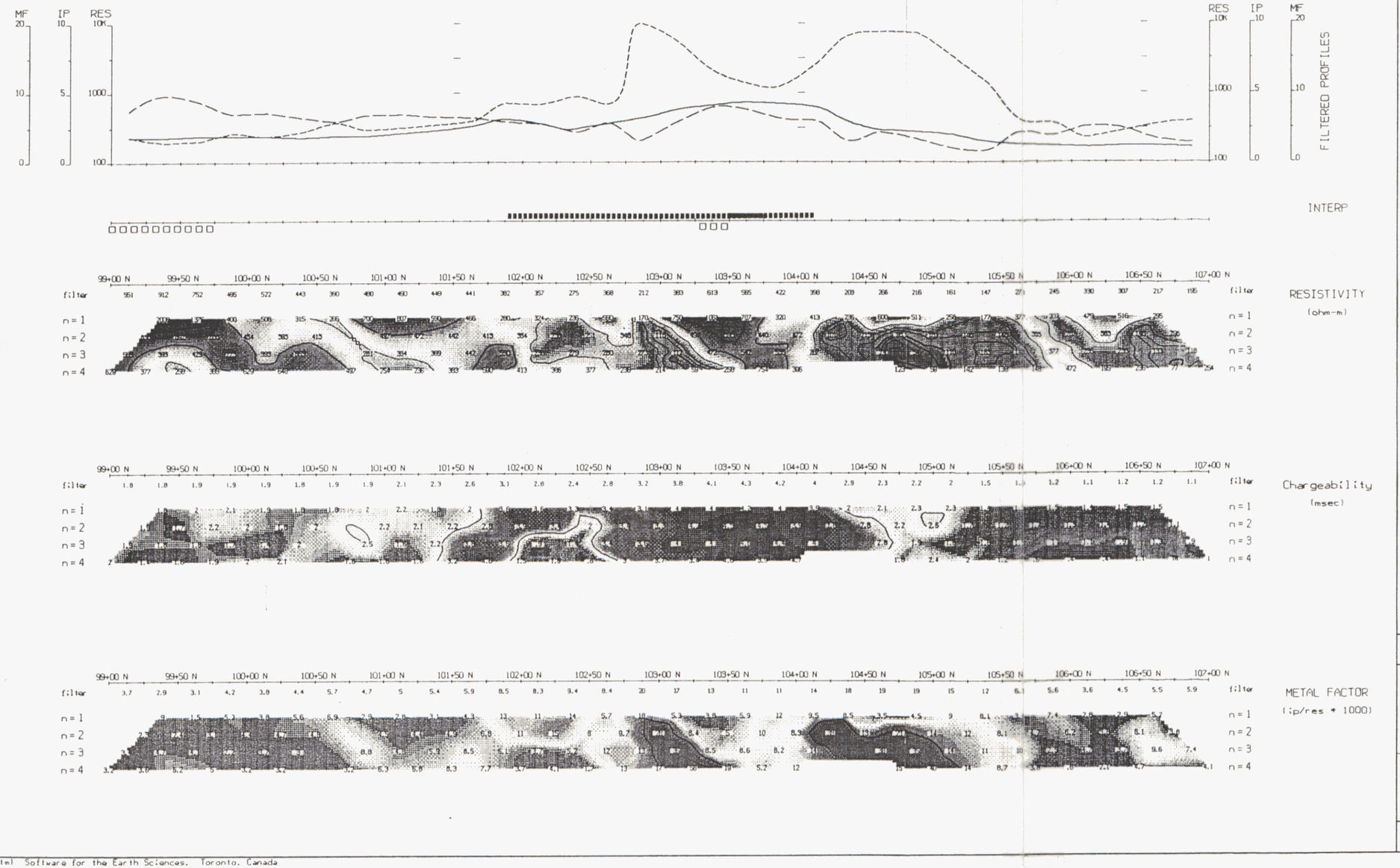
INDUCED POLARIZATION SURVEY

Line 9100 E

Yukon

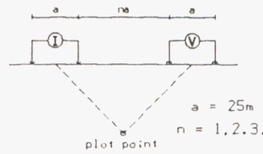
Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a



Line 9200 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5

Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

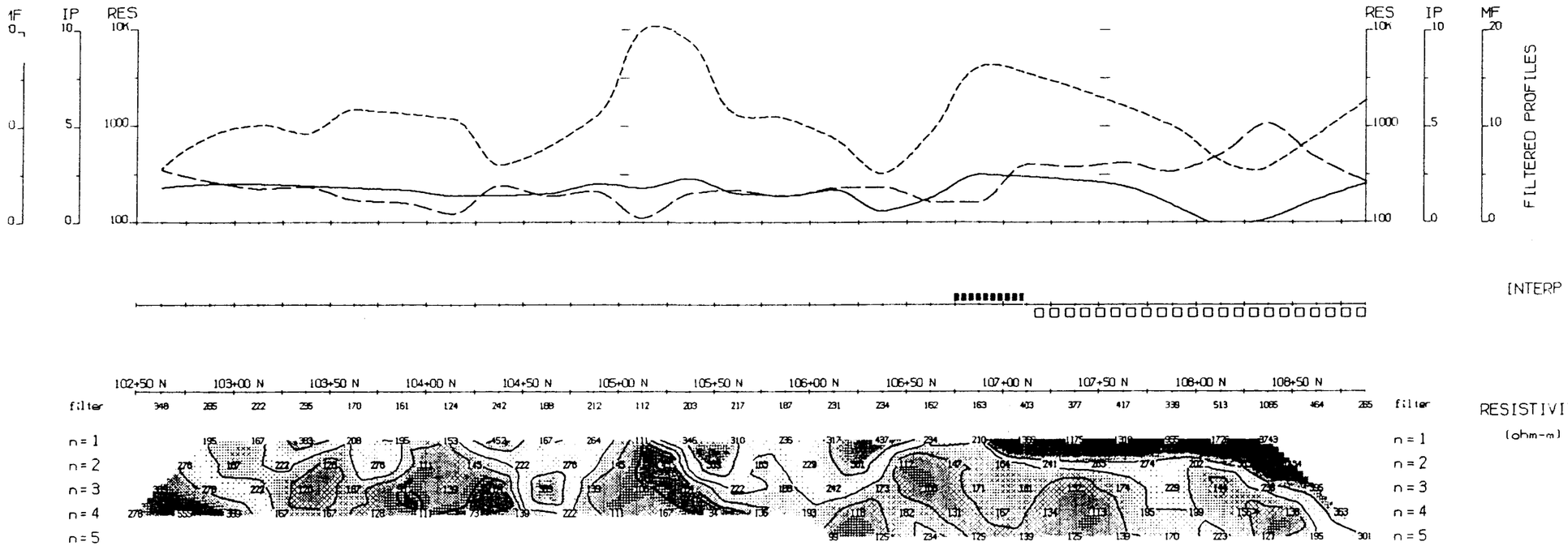
MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 9200 E
Yukon

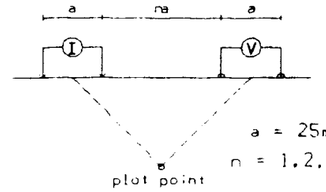
Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

noranda



Line 9300 E

Dipole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

Logarithmic Contours 1, 3, 5, 7.5, 10,....

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

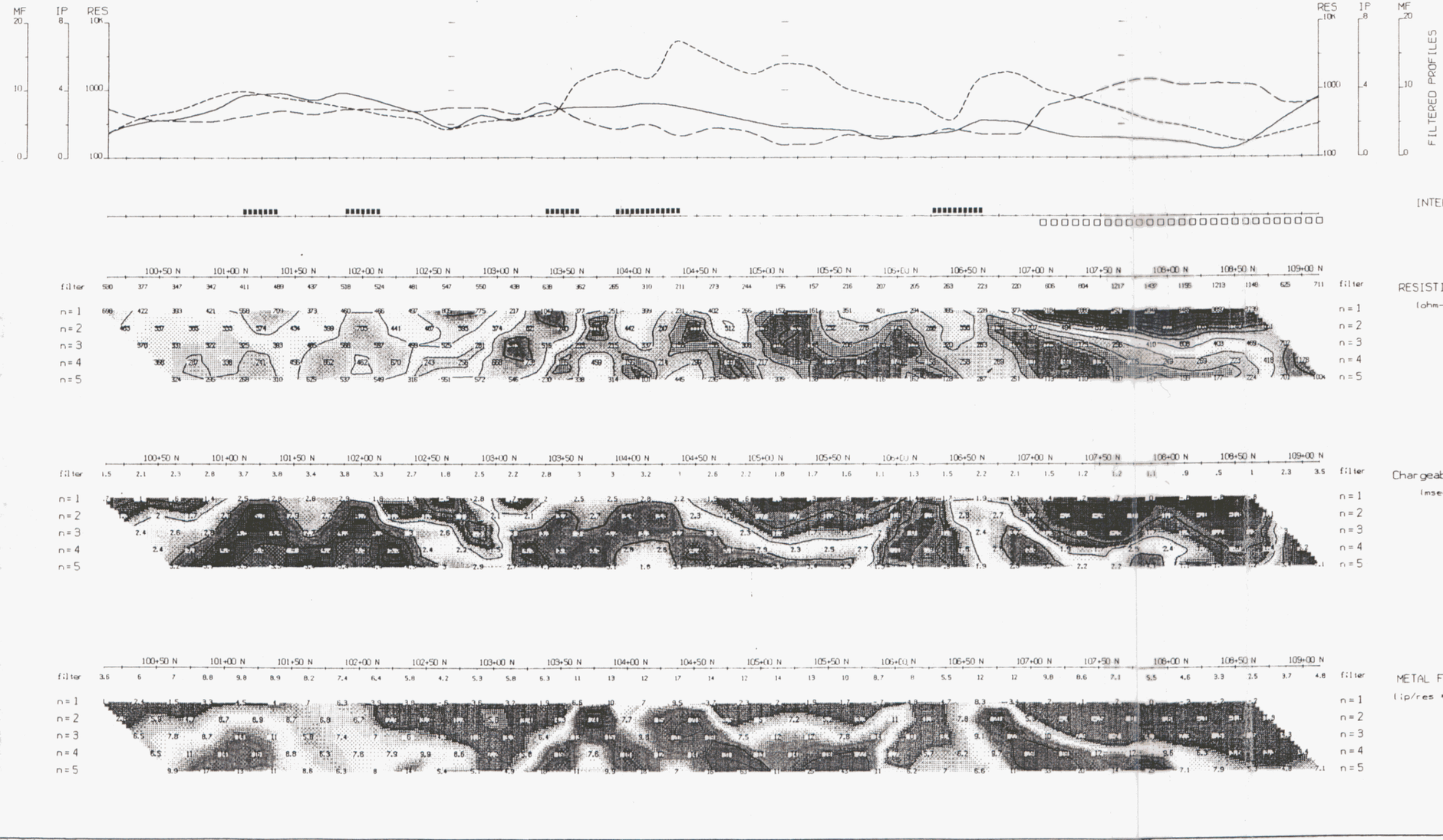
MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 9300 E
Yukon

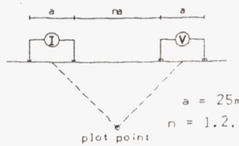
Date: 89/06/15 N.T.S 115/1
Interpretation by: L. Bradish
Scale: 1 : 2500

noranda



Line 9500 E

Dipole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

filter

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 9500 E

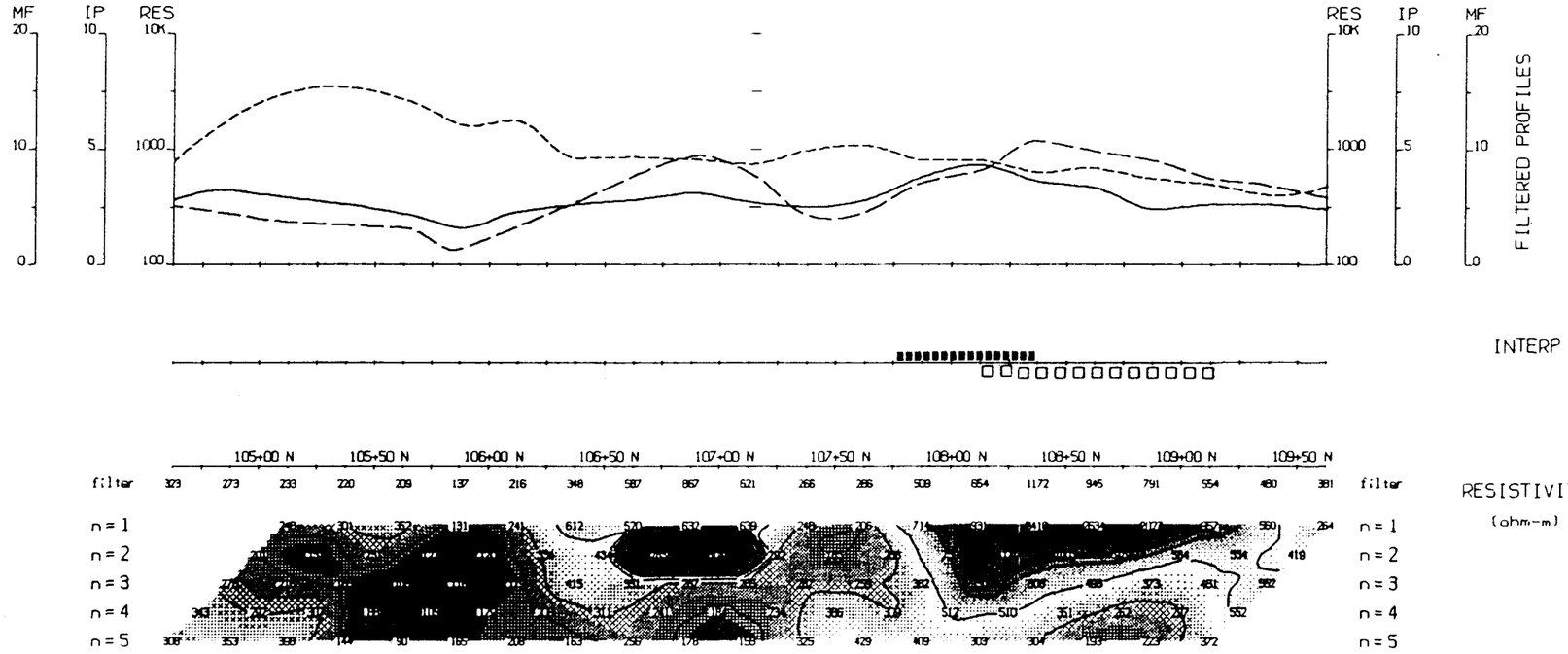
Yukon

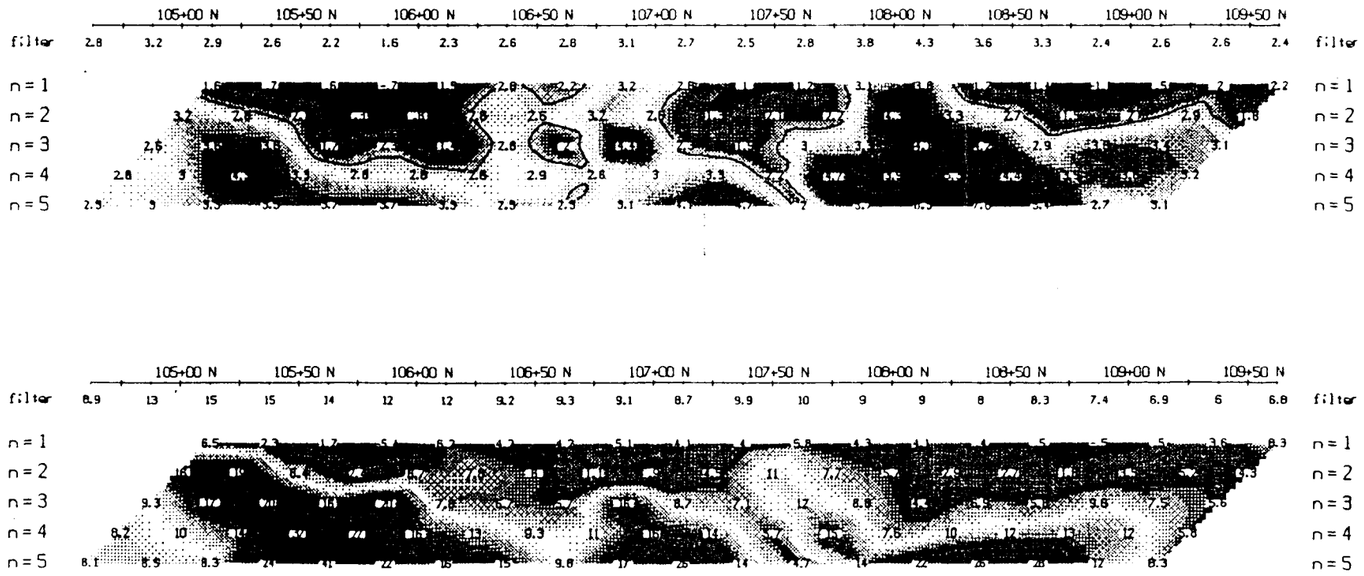
Date: 89/06/15 N.T.S 115/1

Interpretation by: L. Bradish

Scale: 1 : 2500

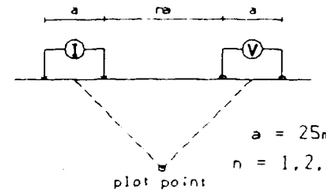
noranda





Line 9600 E

Dipole-Dipole Array



a = 25m
n = 1, 2, 3, 4, 5

Filtered Profiles

		filter
Resistivity	————	*
Polarization	————	* *
Metal Factor	- - - - - - - -	* * *
		* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

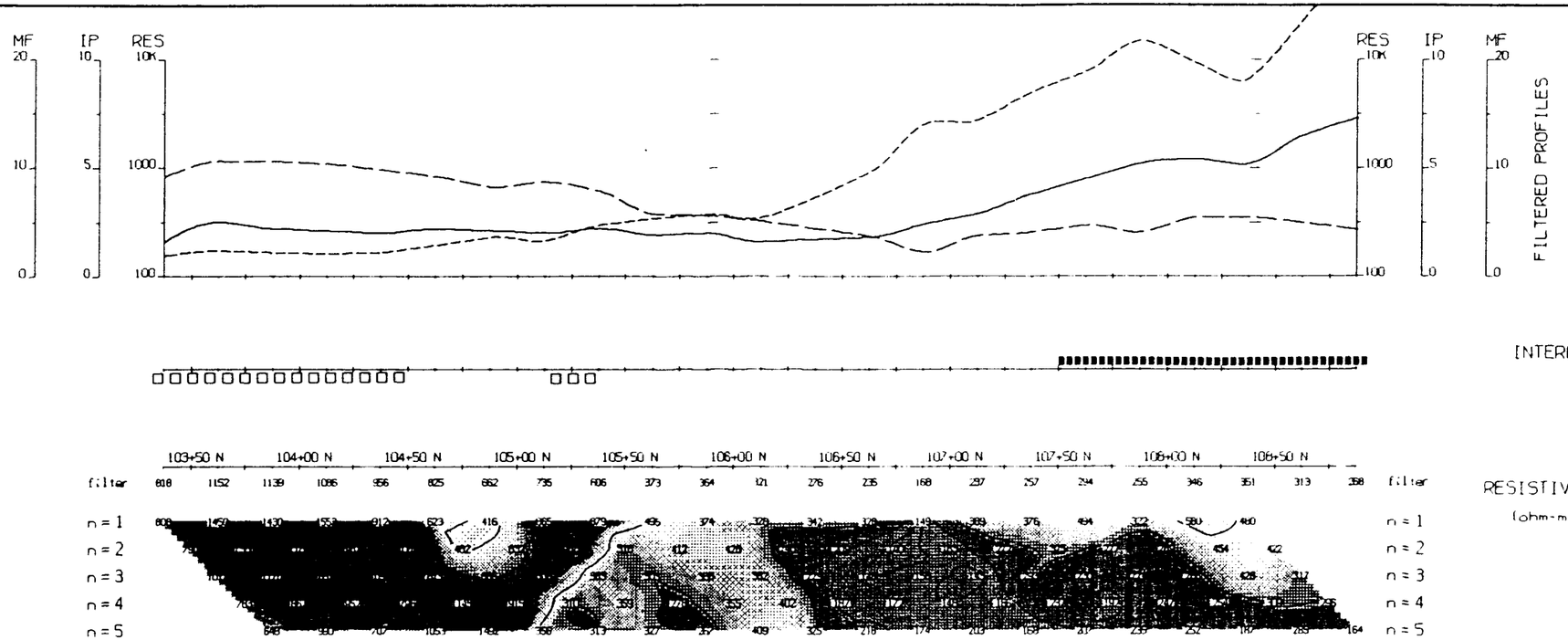
MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 9600 E
Yukon

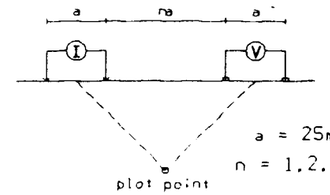
Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a



Line 9700 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5

Filtered Profiles

		filter
Resistivity	———	*
Polarization	———	* *
Metal Factor	- - - - -	* * *
		* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

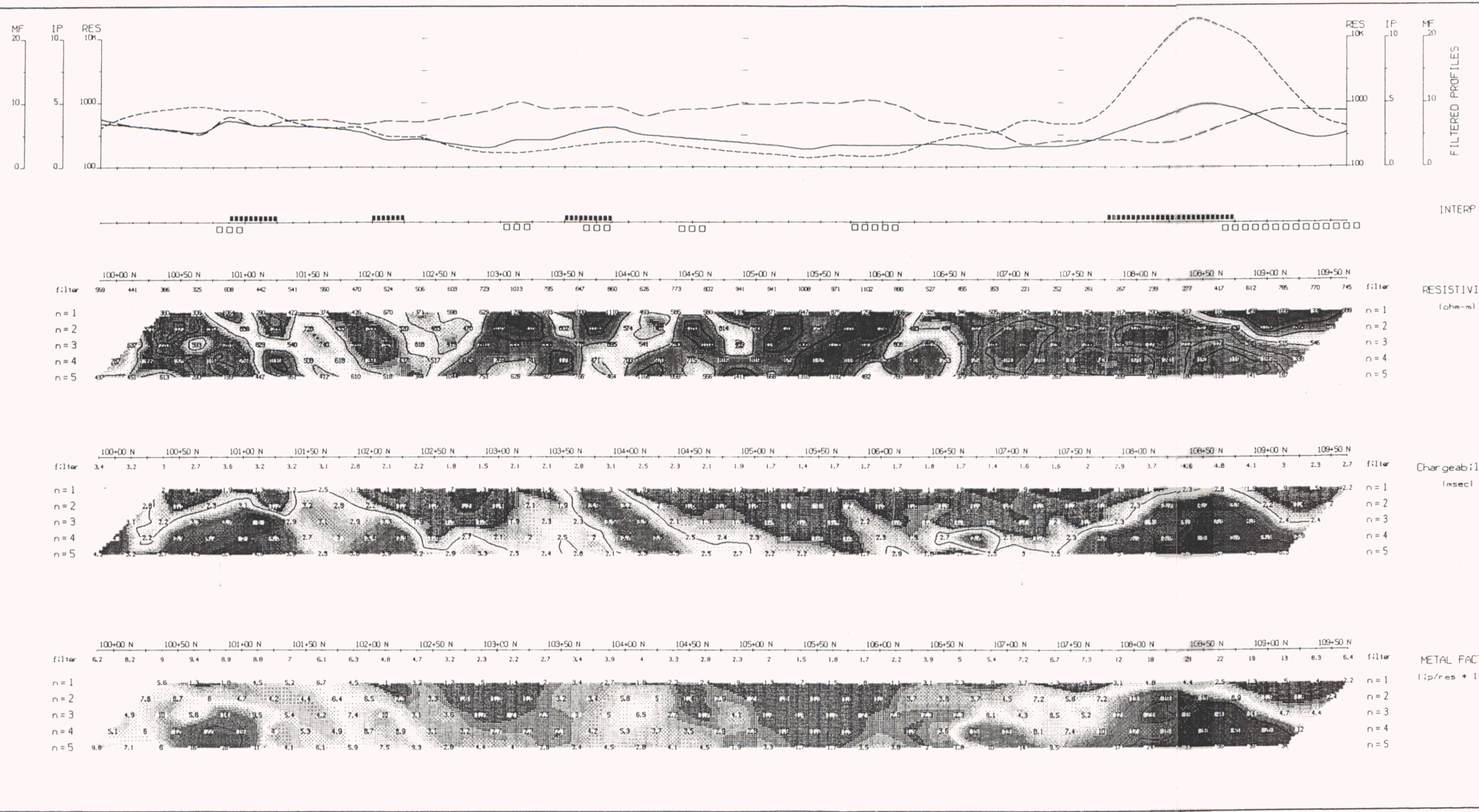
INDUCED POLARIZATION SURVEY

Line 9700 E

Yukon

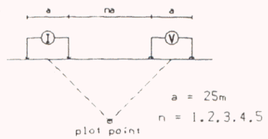
Date: 89/06/15 N.T.S 115/I
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a



Line 9800 E

Dipole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

filter
*
* *
* * *
* * * *

Logarithmic Contours 1, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Time Base : 2 sec
Operator : MPH

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

MT. NANSEN PROJECT

INDUCED POLARIZATION SURVEY

Line 9800 E

Yukon

Date: 89/06/16 N.T.S 115/1

Interpretation by: L. Bradish

Scale: 1 : 2500

noranda

APPENDIX II

DRILL LOGS

NORANDA EXPLORATION COMPANY LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJECT No.	N.T.S. No.	GRID NORTH (W.R.T. TRUE)
5/10/89	5/16/89	HQ	DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED	MT. NANSEN	338	115I-3	0°

FIELD CO-ORDINATES			DEPTH	SURVEYED CO-ORDINATES			SHEET	MAGNETIC DECLINATION
LAT. 10525 N	ELEV. 1219.2m	DIP -60°	91.44m			-62°	LAT.	ELEV.	DIP	1 OF	
DEP. 9286 E	LENGTH 198.73m	BEARING Z10°	198.12m			-64°	DEP.	LENGTH	BEARING	HOLE No. DOWS 89-6	LOGGED BY K. GALAMBOS, A. DIMENT
											DATE

FROM	TO	ROCK TYPE	DESCRIPTION
0	4.27		CASING OVERBURDEN
4.27	40.25		GNEISS WELL FOLIATED, BROWN-MAROON IN COLOR. MINOR BLEACHED SECTIONS. MINOR WHITE-PALE APPLE GREEN SERICITE(?) ALTERATION

GEOTECH

FROM	TO	RECOVERY	BREAKAGE	% Sulph	STRUCTURE TO C.A
					DES.
4.27	9.0	80%	C-B		
7.2		FOLIATION			70°
9.0	21.0	96%	A-B		
15.0	21.0			TR	
21.0	33.0	94%	A-B		
23.0		FOLIATION			70°
33.0	40.25	99%	C-B		

GEOCHEM

FROM	TO	CLAY ALTN	SERIC ALTN	SAMPLE WIDTH
4.27	40.25	1-2		

SAMPLING

FROM	TO	SAMPLE No.
4.27	6.0	12371 DR
6.0	7.5	12372
7.5	9.0	12373
9.0	10.5	12374
10.5	12.0	12375
12.0	13.5	12376
13.5	15.0	12377
15.0	16.5	12378
16.5	18.0	12379
18.0	19.5	12380
19.5	21.0	12381
21.0	22.5	12382
22.5	24.0	12383
24.0	25.5	12384
25.5	27.0	12385
27.0	28.5	12386
28.5	30.0	12387
30.0	31.5	12388
31.5	33.0	12389
33.0	34.5	12390
34.5	36.0	12391
36.0	37.5	12392
37.5	39.0	12393 DR

FROM	TO	ROCK TYPE	DESCRIPTION
40.25	43.5		INTRUSIVE DYKE (?) BUFF - LIGHT GREY IN COLOR DISSEMINATED PY ON FRACTURES AND ALONG FOLIATION. SOME DISTORTION MINOR APPLE GREEN CLAY
43.5	46.5		ZONE (C2) MED - DK. GREY IN COLOR FINE GRAINED PYRITIC ZONE MINOR MEDIUM GREY QTZ VEINS
46.5	50.8		BX ZONE MEDIUM TO DARK GREY PYRITIC MATRIX SUPPORTING ANGULAR FRAGMENTS OF STRONGLY CLAY ALT'D PORPH(?)
50.8	53.6		ZONE SIMILAR TO 'ZONE' FROM 43.5-46.5
53.6	83.82		GNEISS MEDIUM GREY TO GREEN IN COLOR WELL FOLIATED 62.65 - 83.82 MINOR, LIGHT GREEN TO PINK SILICEOUS INTRUSIVE 67.5 CHLORITE CONTENT INCREASES 70.5 - 83.82 MINOR SMALL (< 2cm) QTZ + DOLOMITE VEINLETS

GEOTECH

FROM	TO	% RECOVERY	BREAKAGE	% SULPH	STRUCTURE ° TO C.A
40.25	41.5	82%	A	1-3	
40.25		SHEARING			60°
		SLICKENSIDES			80°
41.5		FOLIATION			55°
43.5	46.5	85%	A-C	3-5	
46.5	51.0	92%	C-B	10-20	
51.0	54.0	55%	A	TR-3%	
54.0	72.0	95%	B-C	TR	
72.0	84.0	97%	B-C		

GEOCHEM

FROM	TO	CLAY ALT'N	SILICA ALT'N
40.25	43.5	2-1	3-2
43.5	46.5	1-2	1
46.5	51.0	1	2-1
51.0	53.6	2-1	(1)
53.6	83.82		1-2

SAMPLING

FROM	TO	SAMPLE No.
39.0	40.25	12394 DR
40.25	42.0	12395
42.0	43.5	12396
43.5	45.0	12397
45.0	46.5	12398
46.5	48.0	12399
48.0	49.5	12400
49.5	51.0	12401
51.0	52.5	12402
52.5	54.0	12403
54.0	55.5	12404
55.5	57.0	12405
57.0	58.5	12406
58.5	60.0	12407
60.0	61.5	12408
61.5	63.0	12409
63.0	64.5	12410
64.5	66.0	12411
66.0	67.5	12412
67.5	69.0	12413
69.0	70.5	12414
70.5	72.0	12415
72.0	73.5	12416 DR

FROM	TO	ROCK TYPE	DESCRIPTION
83.82	87.0		QTZ-PORPHYRY DYKE WHITE - LIGHT GREEN IN COLOR MINOR BRECCIATION SERICITE (?) ALTERED
87.0	110.05		GNEISS MEDIUM GREY TO GREEN IN COLOR WELL FOLIATED 88.25 - 88.8 CLAY ALT'D Bx 90.0 - 93.0 MOD. PINK SILICEOUS INTRUSIVE (SWEATS ?) 96.0 - 106.5 MINOR Bx'N 109.6 - 110.05 SEDIMENTS ARE BLEACHED TO A LIGHT BUFF COLOR
110.05	113.65		FAULT ZONE FAULT BRECCIA ZONES UP TO 1.5 m WIDE WITH SECTIONS OF BLEACHED GNEISS Bx ZONES CONTAINED ANGULAR FRAGMENTS OF VARIOUS LITHOLOGIES + ALTERATIONS IN A LIGHT GREY CLAY MATRIX FRAGMENTS

GEOTECH

FROM	TO	% RECOVERY	BREAKAGE	% SULPH	STRUCTURE ° TO C.A.
73.5		FOLIATION			50°
74.18		FRACTURES/QTZ VEINING			45°
76.5		FOLIATION			55°
79.2		QTZ VEINING			45°
84.0	87.0	99%	B-C	1-3	
87.0		CONTACT			65°
87.0	110.05	94%	C-B		
90.0		FOLIATION + VEINING			50°
91.5		FOLIATION			50°
96.0		FOLIATION			70°
99.0		FOLIATION			70°
103.5		FOLIATION			60°
105		FOLIATION			70°
110.05	119.0	94%	C	TR	

GEOCHEM

FROM	TO	CLAY ALT'N	SILICA ALTN
84.0	87.0	2	SAME LINE
87.0	110.05 (2)	2-1	

SAMPLING

FROM	TO	SAMPLE No.
73.5	75.0	12417DR
75.0	76.5	12418
76.5	78.0	12419
78.0	79.5	12420
79.5	81.0	12421
81.0	82.5	12422
82.5	84.0	12423
84.0	85.5	12424
85.5	87.0	12425
87.0	88.5	12426
88.5	90.0	12427
90.0	91.5	12428
91.5	93.0	12429
93.0	94.5	12430
94.5	96.0	12431
96.0	97.5	12432
97.5	99.0	12433
99.0	100.5	12434
100.5	102.0	12435
102.0	103.5	12436
103.5	105.0	12437
105.0	106.5	12438
106.5	108.0	12439
108.0	110.05	12440
110.05	111.52	12441
111.52	112.5	12442
112.5	114.0	12443DR

FROM	TO	ROCK TYPE	DESCRIPTION
			CONSIST OF PRIMARILY STRONGLY CLAY ALT'D Q-PORPH WITH MINOR Py RICH AND/OR SILICIFIED FRAGMENTS.
114.0	139.8		GNEISS
			WELL FOLIATED CHLORITIC GNEISS DARK GREEN WITH MINOR BLEACHING MODERATE AMOUNT OF FAULT Bx ZONES UP TO .65m WIDE
			126.58 - 127.5 VUGGY INTENSE SILICIFICATION WITH MINOR Bx
			131.05 - 139.8 MINOR WHITE DOLOMITE STRINGERS
			135.0 - 139.8 GNEISS IS WEAKLY - MODERATELY CALCAREOUS
139.8	189.83		PYROCLASTICS
			PALE GREEN MATRIX SUPPORTING PRIMARILY WHITE - PALE GREEN CLASTS OF LAPILLI SIZE, WITH SOME SECTIONS CONTAINING BLOCKS UP TO 25cm ACROSS. FRAGMENTS ARE OFTEN TUFFACEOUS MATERIAL INDICATING A MULTIPLE EXPLOSIVE EVENT.
			MINOR BLACK, SILICEOUS - CLASTS CONTAINING UP TO 15% Py.
			150.5 - 153.5 7-10% PYRITIC CLASTS

GEOTECH

FROM	TO	% RECOVERY	BREAKAGE	% SULPH	STRUCTURE °TCA
114.0	126.0	98%	C	TR	
114.0			FOLIATION		85°
117.0			FRACTURING/VEINING		15° (65°)
126.0	139.8	86%	A-B	TR	
129.0			FAULT		45°
130.5			FAULT		35°
			SLICKENSIDES		40°
135.0			FOLIATION		55°
136.5			Py SEAMS		65-70°
138.0			FOLIATION		50°
139.8	183.5	78%	A	TR-1	
150.5	161.0			1-2%	

GEOCHEM

FROM	TO	CLAY ALTN	SILICA ALTN
114.0	139.8		Z-1
139.8	155.0		I-2

SAMPLING

FROM	TO	SAMPLE No.
114.0	115.5	12444 DR
115.5	117.0	12445
117.0	118.5	12446
118.5	120.0	12447
120.0	121.5	12448
121.5	123.0	12449
123.0	124.5	12450
124.5	126.0	12451
126.0	127.5	12452
127.5	129.0	12453
129.0	130.5	12454
130.5	132.0	12455
132.0	133.5	12456
133.5	135.0	12457
135.0	136.5	12458
136.5	138.0	12459
138.0	139.8	12460
139.8	141.5	12461
141.5	143.0	12462
143.0	144.5	12463
144.5	146.0	12464
146.0	147.5	12465
147.5	149.0	12466
149.0	150.5	12467
150.5	152.0	12468
152.0	153.5	12469
153.5	155.0	12470 DR

FROM	TO	ROCK TYPE	DESCRIPTION
			173.0 - 182.0 SEAMS OF WAXY BROWN CLAY (ALUNITE?) .1 - 10cm WIDE
189.83	198.73		GNEISS
			DARK GREEN - BLACK, BIOTITE-CHLORITE SCHISTS + GNEISSES.
			195.5 GRADATIONAL CONTACT WITH PYROCLASTICS (?)
			END OF HOLE

GEOTECH

FROM	TO	% RECOVERY	BREAKAGE	% SOLIDS	STRUCTURE TO C.A
156.5		VEINING			20°
158.0		CLAY GOUGE			55°
161.0		CLAY ZONES			60°
162.5		CLAY GOUGE			52°
167.0		PYRITIC CLAY SEAM			85°
168.5		CLAY GOUGE			55-70°
173.0		CLAY GOUGE			60°
174.5		FOLIATION			45°
176.0		CLAY ZONES			80-90°
177.5		CLAY ZONES			70-80°
179.0		CLAY SEAMS			75°
183.5	198.73	93%	C	TR	
189.83		CONTACT			75°
191.0		FOLIATION			68°

GEOCHEM

FROM	TO	CLAY ALTN	SILICA ALTN
155.0	158.0	3	
158.0	173.0	3-2	
173.0	182.0	2	
182.0	189.83	3	
189.83		1	2-1

SAMPLING

FROM	TO	SAMPLE No.
155.0	156.5	12471 DR
156.5	158.0	12472
158.0	159.5	12473
159.5	161.0	12474
161.0	162.5	12475
162.5	164.0	12476
164.0	165.5	12477
165.5	167.0	12478
167.0	168.5	12479
168.5	170.0	12480
170.0	171.5	12481
171.5	173.0	12482
173.0	174.5	12483
174.5	176.0	12484
176.0	177.5	12485
177.5	179.0	12486
179.0	180.5	12487
180.5	182.0	12488
182.0	183.5	12489
183.5	185.0	12490
185.0	186.5	12491
186.5	188.0	12492
188.0	189.5	12493
189.5	191.0	12494
191.0	192.5	12495
192.5	194.0	12496
194.0	195.5	12497
195.5	197.0	12498
197.0	198.73	12499 DR

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 I/3

PROPERTY NANSEN DOWS - CLAIMS

DATE MAY 10/89

ROCK SAMPLE REPORT

PROJECT 338

MPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
-46918	SUBCROP - SILICIFIED QUARTZ EYE RHYOLITE. MINOR BRECCIATION	∅	GRAB									R.D.
	10650N, 9300E											R.D
-46919	SUBCROP - IRON STAINED QUARTZ EYE PORPHYRY. LEACHED VUGGY TEXTURE. 10630N, 9308E	∅	GRAB									
												RD.
-46920	SUBCROP - INTENSELY SILICIFIED LIGHT GREEN — GREY ROCK. VEIN MATERIAL 10610N, 9310E	∅	GRAB									
46921	INTENSELY SILIGFIED LIMONITE STAINED, VUGGY GNEISS? TR Py, STIBNITE, AsPy? 9250E 10,575N	2%	GRAB									K.G.

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY MT. NANSEN – DOWS CLAIMS

N.T.S. 113 I-3

DATE MAY 21/89

PROJECT 337 - MT. NAN.

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPL BY
46922	SILICIFIED RHYOLITE / 6350E, 9975 N		GRAB									
46923	RHYOLITE BRECCIA / 6350E, 10,000N		GRAB									
46924	SILICIFIED RHYOLITE - DARK SILICA VEINING		GRAB									
	VUGGY TEXTURE 6350E, 9975 N											
48657	MODERATELY SILICIFIED RHYOLITE / 6250E		GRAB									
	9975 N											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY MT. NANSEN - DOWS CLAIMS

N.T.S. 113 I-3

DATE MAY 27/89

PROJECT 337 - NANSE

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLE BY
18658	OUTCROP 8000E, 9050N WHITE TO LIGHT GREY QZ VEIN 0.5M IN METASEDIMENTS (GNEISS). MINOR CHALCEDONIC QZ.		~~RANDOM~~ CHIP	.5M								
48659	FLOAT - 8350E, 9175N LIGHT BROWN TO WHITE MOD. SILICIFIED VOLCANIC AGGLOMERATE.		GRAB									
48660	10100E, 9300E (OFF PROPERTY SUBCROP) INTENSELY SILICIFIED BRECCIA OR AGGLOMERATE - VUGGY TEXTURE		GRAB									
48661	10100E, 9325E SAME AS R 48660.		GRAB									

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115I-3

PROPERTY MT. NANSEN - DOWS CLAIMS

DATE JUNE 3/89

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
R48662	8325E, 9175N											R.D
	FLOAT. - MODERATE TO INTENSELY		GRAB									
	SILICIFIED RHYOLITE											
R48663	7660E, 9475N											
	FLOAT - SUBCROP. INTENSELY SILICIFIED	TR	GRAB									
	AGGLOMERATE - "VEIN" MATERIAL.											
R48664	SAME LOCATION & DESCRIPTION AS	TR	GRAB									
	48663.											
R48665	10,000N B.L. 6550E.											
	FLOAT BOULDER. - DARK BLUE	TR	GRAB									
	GREY SILICA VEIN. RED-MAROON											
	STAINING ON FRACTURE SURFACES.											
R48666	6525E, 10,025N											
	S/C - OUTCROP. LARGE BOULDERS											
	3-4 FEET ACROSS OF INTENSELY SILICIFIED											
	ROCK "VEIN MATERIAL". (DARK BLUE	TR	CONT. CHIP	1.5M.								
	GREY SILICA) TR ASPY. SAME											
	ROCK AS # 48665.											
R48667	8900E, 10,325N WEATHERED QZ. PORH.		GRAB									

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY MT. NANSEN – DOWS CLAIMS

N.T.S. 115 I-3

DATE JUNE 4/88

PROJECT 337

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPL BY
48668	10840E, 6730N / DARK BLUE GREY SILICA VEIN 2-5% SULPHIDES. TR ASPY. "SUBCROP"	2-5%	GRAB									R.D
48669	FLOAT 10840E, 6650N. WHITE DRUSY QUARTZ VEIN.		GRAB									
48670	OUTCROP SILICIFIED QUARTZITE, MODERATE IRON STAINING. MINOR QZ VEINING. 10900E, 6950E		RANDOM CHIP.	2M								
48671	FLOAT - 8400E, 10,800N CHLORITE BIOTITE SCHIST WITH TR PYRRHOTITE. WEAKLY MAGNETIC	TR	GRAB									
48672	FLOAT - L87E, 10,975N LIGHT GREEN STRONGLY SILICIFIED META-SEDIMENTS. VERY CALCAREOUS POSSIBLE SKARN.		GRAB									
48673	O/C L8050E, 8050N MODERATE SILICIFIED METASEDIMENT WITH TR MAGNITITE	TR	RANDOM CHIP	.5M								D.K.

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY MT. NANSEN

N.T.S. 115 I-3

DATE JUNE/10/89

PROJECT 337

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPL BY
48674	L7775E, 8050N											D.K
	Qtz vein, O/C. UP TO .8M											
	wide, 10M length. No sulphides		RANDOM CHIP									
48675	L7884E, 9525N											
	Blue grey Qtz vein, Py + Aspy ≈ 3%		Selective									
	Suberop		chip.									
52226	SUBCROP 7930E, 9500N											
	DARK BLUE GREY SILICA (QZ) VEIN											
	WITH 3-5% DISS. PY & ASPY.	3-5%	GRAB									
52227	SUBCROP 7930E, 9500N											
	LIGHT GREY VUGGY DRUSY QZ											
	VEINING. POSSIBLY WALL ROCK OF	TR	GRAB									
	# 52226. TR PY.											
52228	FLOAT 10675E, 7500N											
	LIGHT PINK TO WHITE QZ RICH											
	INTRUSIVE WITH TR OF MAGNETITE.		GRAB									
52229	OUTCROP - 10050E, 8100N											
	MODERATELY IRON STAINED,											
	ARGILLICALLY ALTERED QZ RICH											
	INTRUSIVE (GRANITE).		RANDOM CHIP.									

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY MT NANSEN

N.T.S. 115 I-3

DATE JUNE 13/89

PROJECT 337

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
52230	L 7884E ; ~~9525~~ 9525N											
	Subcrop. Possible wall rock for sample		GRAB									
	48675. Moderate to strong silicification.											
	Calcedonic veins up to 7 mm wide.											

G = GEOCHEM A = ASSAY

APPENDIX IV

RESULTS

Dons Cl. Mt. Noranda (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: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: MAY 18 1989 DATE REPORT MAILED: May 26/89 SIGNED BY. C. Leong .D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8905-018 337 File # 89-1138 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
12371 DR	2	165	15	254	.1	13	26	5370	4.96	11	16	ND	1	72	1	2	4	89	2.59	.104	15	10	.24	25	.01	2	.35	.01	.12	1	2	70
12372 DR	1	174	10	34	.2	7	12	875	3.39	3	6	ND	2	91	1	2	2	92	3.36	.074	11	12	.42	31	.02	3	.77	.01	.24	1	2	50
12373 DR	1	26	2	56	.1	9	17	2976	5.20	2	5	ND	1	78	1	2	2	112	2.45	.069	8	22	.46	41	.03	3	.72	.01	.25	1	1	40
12374 DR	1	27	5	83	.1	6	15	1666	4.76	4	5	ND	1	114	1	2	2	138	5.01	.069	9	22	.64	40	.03	3	.69	.01	.24	1	5	20
12375 DR	1	24	9	64	.1	5	10	1505	4.99	5	5	ND	3	81	1	2	2	113	2.53	.049	6	20	.37	27	.02	2	.69	.01	.22	1	2	40
12376 DR	1	22	9	62	.1	3	8	312	5.03	2	5	ND	2	70	1	2	4	95	1.71	.055	6	14	.39	26	.01	2	.66	.01	.22	1	3	30
12377 DR	4	72	20	56	.1	4	10	2324	3.66	19	24	ND	3	49	1	2	2	51	.87	.046	6	7	.28	34	.02	4	.55	.01	.16	1	2	400
12378 DR	42	92	23	92	.1	10	13	3526	5.09	56	46	ND	6	52	1	8	2	54	.44	.015	4	5	.26	18	.01	2	.45	.01	.11	1	2	1100
12379 DR	8	112	14	151	.1	16	17	4067	7.36	71	37	ND	2	75	1	14	2	92	.67	.027	6	13	.30	35	.01	2	.48	.01	.15	1	2	2200
12380 DR	21	90	20	113	.1	7	8	995	2.83	25	9	ND	1	82	1	5	2	33	.28	.029	6	4	.12	150	.01	2	.49	.01	.12	1	2	1300
12381 DR	31	256	22	214	.1	10	16	679	7.78	394	56	ND	3	75	1	25	2	53	.18	.021	4	6	.06	58	.01	3	.67	.01	.16	1	1	1600
12382 DR	13	66	24	30	.1	6	5	299	4.22	123	37	ND	2	46	1	8	2	27	.12	.029	4	6	.03	91	.01	6	.56	.01	.08	1	1	380
12383 DR	7	183	10	110	.1	21	22	2423	3.22	76	93	ND	3	53	1	7	2	73	.37	.111	7	10	.07	26	.01	2	.72	.01	.12	1	1	800
12384 DR	4	240	12	86	.1	31	53	5306	2.69	31	106	ND	3	73	1	8	2	116	1.37	.094	8	11	.26	47	.01	2	.53	.01	.22	1	4	350
12385 DR	1	516	7	102	.7	12	22	1387	4.87	20	40	ND	3	107	1	7	2	150	2.23	.085	7	31	.42	31	.02	2	.59	.01	.22	1	1	200
12386 DR	1	98	6	63	.1	11	18	1092	5.03	20	52	ND	2	98	1	6	2	165	3.52	.063	11	20	.26	345	.02	2	.67	.01	.22	1	4	220
12387 DR	1	110	5	67	.1	8	14	1715	3.52	13	15	ND	3	112	1	2	2	81	4.89	.070	9	17	.42	310	.02	2	.70	.01	.25	1	2	40
12388 DR	1	113	7	52	.1	11	18	1613	4.61	14	5	ND	2	155	1	2	2	108	5.64	.059	9	14	.66	547	.01	2	.59	.01	.14	1	3	70
12389 DR	1	157	7	48	.1	12	20	2236	3.26	9	5	ND	2	119	1	2	2	92	5.14	.092	11	10	.54	357	.01	6	.60	.01	.12	1	2	170
12390 DR	1	164	5	82	.1	19	31	3925	4.16	32	5	ND	1	97	1	11	2	79	4.06	.074	9	9	.46	111	.01	2	.60	.01	.16	1	2	240
12391 DR	2	166	7	206	.1	33	47	7320	9.19	95	15	ND	1	38	1	7	2	62	.92	.043	6	7	.09	80	.01	4	.60	.01	.12	1	2	650
12392 DR	5	129	8	116	.1	14	24	595	5.74	85	37	ND	2	105	1	12	2	56	1.74	.079	8	4	.05	21	.01	5	.64	.01	.18	1	1	500
12393 DR	6	184	10	153	.1	13	21	612	7.62	180	60	ND	2	59	1	26	2	56	.89	.074	2	6	.05	16	.01	4	.67	.01	.17	1	3	920
12394 DR	1	154	9	193	.1	19	18	2930	3.47	120	5	ND	1	72	1	15	2	67	.61	.065	4	6	.07	34	.01	5	1.02	.01	.17	1	1	300
12395 DR	2	178	9	15	.1	16	14	46	2.39	40	9	ND	1	143	1	51	2	20	.09	.060	4	6	.01	20	.01	2	.62	.01	.08	1	4	1050
12396 DR	3	163	12	9	.1	10	6	67	1.35	34	9	ND	1	96	1	39	2	17	.07	.022	3	11	.01	53	.01	5	.48	.01	.08	1	2	1300
12397 DR	4	252	11	24	.2	52	14	30	1.65	90	22	ND	1	52	1	68	2	17	.06	.018	2	25	.01	49	.01	5	.42	.01	.10	2	22	1600
12398 DR	3	86	9	6	.1	10	1	27	.80	32	5	ND	1	40	1	39	2	10	.05	.010	2	18	.01	108	.01	2	.26	.01	.07	1	27	310
12399 DR	4	76	53	46	1.7	31	23	20	6.92	229	5	ND	1	94	1	229	2	13	.15	.041	2	9	.04	16	.01	4	.61	.01	.13	1	1160	4300
12400 DR	5	64	36	96	3.2	25	21	20	3.49	126	36	ND	2	53	7	169	2	13	.21	.052	2	7	.06	22	.01	7	.64	.01	.16	1	550	1700
12401 DR	5	81	32	153	25.1	52	22	17	2.69	4726	28	11	2	52	3	420	2	10	.11	.023	2	17	.03	10	.01	6	.37	.01	.12	1	10150	2900
12402 DR	6	88	28	136	2.5	21	14	52	2.72	168	9	ND	1	203	1	61	2	12	.20	.046	3	8	.07	16	.01	9	.63	.01	.16	1	155	1300
12403 DR	1	11	12	139	.4	19	16	1210	4.65	55	5	ND	3	41	1	13	2	9	.62	.042	8	2	.34	36	.01	9	.47	.01	.15	1	138	210
12404 DR	1	27	7	69	.1	12	12	879	2.56	11	5	ND	3	109	2	2	2	32	2.53	.038	12	6	1.43	84	.02	7	.61	.01	.41	1	2	230
12405 DR	1	17	11	62	.1	7	9	730	2.97	10	5	ND	2	108	1	2	2	22	2.63	.052	12	5	1.47	198	.03	12	.97	.01	.50	1	11	200
12406 DR	1	5	10	61	.1	11	9	592	2.06	2	5	ND	3	100	1	2	2	27	2.63	.041	11	15	1.59	168	.04	5	1.06	.01	.59	1	2	20
STD C/AU-R	17	60	40	132	7.1	73	31	940	3.87	39	19	7	36	49	17	19	23	57	.45	.086	37	53	.82	172	.07	34	1.74	.09	.03	35	500	1360

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
12407 DR	1	6	6	54	.2	9	10	527	2.17	7	5	ND	5	91	1	2	2	27	2.41	.045	11	6	1.29	143	.03	9	1.06	.01	.53	1	11	170
12408 DR	1	40	12	77	.3	11	14	945	3.34	5	5	ND	4	94	1	2	2	66	1.89	.075	9	12	2.01	597	.12	5	2.09	.03	1.26	1	2	30
12409 DR	1	134	9	87	.1	12	12	650	3.41	17	5	ND	2	155	1	3	3	41	2.51	.072	5	11	1.27	201	.03	3	.95	.01	.49	1	4	380
12410 DR	1	69	4	112	.3	9	14	1183	4.49	15	5	ND	3	117	1	2	4	38	1.51	.086	10	4	1.36	47	.01	10	.30	.02	.32	1	5	250
12411 DR	1	39	5	58	.1	7	7	465	2.41	9	5	ND	3	63	1	2	2	33	.72	.053	6	5	.63	124	.05	13	.68	.02	.37	1	5	130
12412 DR	1	39	10	87	.1	17	13	1005	4.07	18	5	ND	3	170	1	2	3	49	2.36	.053	6	11	1.62	67	.02	11	.80	.01	.40	1	2	170
12413 DR	1	14	8	52	.1	17	14	669	4.19	18	5	ND	4	60	1	2	5	39	.71	.077	11	14	.86	60	.04	10	.76	.02	.39	1	1	230
12414 DR	1	14	9	70	.2	5	5	409	1.37	8	6	ND	2	81	1	2	2	13	.99	.050	5	6	.31	136	.01	16	.40	.03	.19	1	1	150
12415 DR	1	44	13	82	.1	30	22	1019	4.84	5	5	ND	3	143	1	2	2	91	2.66	.038	6	43	2.32	358	.15	4	2.20	.02	1.41	1	2	60
12416 DR	1	222	7	58	.7	23	19	1217	4.41	7	5	ND	4	234	1	2	5	120	4.73	.051	5	33	2.42	305	.09	7	1.46	.02	1.01	1	3	20
12417 DR	1	36	7	77	.1	7	12	791	2.95	7	5	ND	2	97	1	2	3	45	2.15	.069	8	7	1.26	220	.10	2	.99	.02	.67	1	3	80
12418 DR	1	46	2	40	.2	5	5	395	1.25	5	5	ND	2	52	1	2	2	20	.68	.030	4	5	.36	158	.04	13	.42	.05	.25	2	2	20
12419 DR	1	11	2	56	.1	7	9	565	2.06	9	5	ND	4	65	1	2	3	37	1.19	.075	9	8	.58	66	.09	10	.52	.03	.35	1	1	10
12420 DR	1	7	2	57	.1	8	13	933	3.03	8	5	ND	3	46	1	2	2	67	.75	.062	3	17	1.42	238	.15	2	1.36	.05	1.11	1	2	10
12421 DR	1	22	7	76	.1	30	16	812	3.23	2	5	ND	2	75	1	2	2	71	1.10	.047	7	50	1.85	369	.17	5	1.62	.03	1.41	1	3	50
12422 DR	1	30	9	45	.1	12	10	659	2.86	9	5	ND	3	125	1	2	2	40	2.34	.067	6	10	.86	39	.01	2	.59	.01	.29	1	4	30
12423 DR	1	8	7	22	.1	7	5	282	2.65	12	5	ND	3	26	1	2	2	15	.27	.067	4	5	.11	56	.01	4	.26	.01	.17	2	2	130
12424 DR	1	24	5	23	.1	4	2	242	.71	3	5	ND	1	46	1	2	4	4	.58	.006	2	3	.08	26	.01	4	.40	.01	.11	1	1	40
12425 DR	1	32	2	16	.1	5	1	160	.57	3	5	ND	1	72	1	2	2	2	.32	.005	1	4	.11	41	.01	4	.20	.04	.07	2	1	50
12426 DR	1	40	14	90	.2	13	16	1021	3.88	9	5	ND	2	146	1	2	2	69	1.22	.056	8	9	1.16	224	.06	5	1.15	.01	.69	1	2	170
12427 DR	1	27	6	83	.1	6	10	562	2.42	2	5	ND	3	100	1	2	2	53	1.84	.069	7	7	1.01	170	.07	13	.99	.02	.61	1	2	20
12428 DR	1	129	6	86	.5	5	11	534	2.25	2	5	ND	1	123	1	2	3	57	1.12	.055	6	4	.91	1709	.10	7	1.00	.03	.69	1	7	10
12429 DR	1	46	11	97	.2	6	10	571	2.01	3	5	ND	1	102	1	2	2	46	1.41	.057	4	6	.88	134	.09	10	1.02	.03	.67	1	3	10
12430 DR	1	18	7	107	.1	8	16	873	3.11	3	5	ND	1	103	1	2	2	71	1.41	.056	5	9	1.64	336	.15	2	1.77	.03	1.29	1	2	5
12431 DR	1	54	5	104	.3	6	11	610	2.25	4	5	ND	2	88	1	2	4	58	1.22	.069	6	6	1.11	155	.11	3	1.17	.03	.85	1	4	5
12432 DR	1	25	5	88	.1	7	12	684	2.47	5	5	ND	2	100	1	2	2	62	1.31	.046	5	7	1.19	342	.12	2	1.41	.03	.96	1	5	5
12433 DR	1	25	6	94	.3	9	13	853	2.69	2	5	ND	2	118	1	2	2	57	2.29	.055	5	9	1.16	456	.11	6	1.21	.03	.86	1	1	10
12434 DR	1	74	5	94	.4	11	15	754	3.13	3	5	ND	1	102	1	2	2	64	1.54	.042	4	9	1.38	350	.15	3	1.69	.03	1.20	1	6	5
12435 DR	1	10	11	67	.3	4	12	810	2.67	4	5	ND	2	194	1	2	2	39	2.83	.053	7	2	.92	801	.04	6	.85	.02	.50	1	2	50
12436 DR	1	56	7	112	.2	6	17	1108	4.25	4	5	ND	2	161	1	2	4	103	2.56	.048	5	7	1.40	736	.09	4	1.09	.03	.78	1	4	60
12437 DR	1	18	9	120	.1	8	16	1172	4.19	7	5	ND	1	147	1	2	2	113	2.23	.055	6	15	1.69	551	.12	2	1.55	.03	1.18	1	1	10
12438 DR	1	27	8	86	.1	5	5	403	1.67	2	5	ND	1	63	1	2	2	38	.60	.047	9	10	.50	176	.05	11	.72	.03	.50	1	1	20
12439 DR	1	10	5	77	.1	3	5	587	1.66	5	5	ND	2	75	1	2	3	26	1.12	.048	7	18	.35	151	.03	7	.52	.03	.31	1	6	100
12440 DR	1	8	9	96	.1	7	5	445	1.61	5	5	ND	2	67	1	2	2	27	.48	.049	6	21	.45	40	.04	6	.59	.04	.35	1	3	80
12441 DR	1	25	25	79	.1	5	7	587	1.70	24	5	ND	11	224	1	2	2	8	1.14	.031	5	8	.38	38	.01	9	.50	.01	.20	2	14	330
12442 DR	1	21	17	42	.1	1	2	259	.74	8	5	ND	2	109	1	2	2	9	.86	.017	4	3	.29	13	.01	2	.41	.01	.07	2	1	60
STD C/AU-R	18	61	39	131	7.0	72	29	984	3.78	36	22	6	36	47	17	18	18	55	.43	.083	35	56	.79	173	.06	32	1.79	.06	.14	11	510	1400

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
12443 DR	2	22	28	65	.1	4	4	527	1.62	17	5	ND	5	250	1	2	2	10	1.75	.031	6	4	.57	12	.01	5	.36	.01	.14	1	5	120
12444 DR	1	5	13	79	.1	3	3	322	1.23	8	5	ND	1	95	1	2	2	13	1.35	.035	5	1	.29	24	.01	2	.27	.02	.08	1	1	310
12445 DR	1	7	7	93	.2	4	5	680	3.00	7	5	ND	1	189	1	2	2	72	2.33	.033	5	5	.96	364	.06	2	.85	.02	.61	1	2	140
12446 DR	1	5	11	76	.1	2	4	379	1.40	5	5	ND	2	141	1	2	2	27	2.05	.055	11	2	.41	156	.03	5	.52	.02	.26	1	1	230
12447 DR	1	14	11	79	.1	5	5	667	2.49	10	5	ND	1	211	1	2	2	51	2.39	.046	6	4	.73	329	.02	3	.66	.02	.32	1	2	150
12448 DR	1	9	11	73	.2	4	7	533	1.95	10	5	ND	3	170	1	2	2	24	2.00	.034	5	1	.62	125	.01	3	.40	.01	.23	1	3	130
12449 DR	7	107	21	105	.3	8	10	791	3.07	21	5	ND	1	109	1	2	2	33	.99	.042	6	7	.46	19	.01	4	.43	.01	.14	1	2	390
12450 DR	3	46	39	72	.1	9	7	466	1.85	16	5	ND	1	66	1	2	2	18	.56	.035	6	3	.23	27	.01	2	.35	.02	.11	1	2	680
12451 DR	1	101	15	111	.2	15	14	1017	4.27	22	5	ND	1	191	1	2	2	58	1.89	.055	5	7	.86	57	.01	9	.50	.02	.18	1	5	510
12452 DR	2	63	12	70	.1	8	9	725	2.81	18	5	ND	1	115	1	2	2	37	1.31	.040	5	5	.51	44	.01	8	.41	.02	.12	1	4	320
12453 DR	1	46	6	72	.1	6	8	751	2.71	16	5	ND	1	63	1	2	2	23	.73	.041	8	7	.39	14	.01	2	.40	.02	.18	1	1	580
12454 DR	3	99	19	101	.2	13	15	796	3.66	14	5	ND	1	201	1	2	2	55	1.97	.050	8	25	.85	48	.01	17	.55	.02	.21	1	2	230
12455 DR	1	44	14	77	.1	9	11	713	2.65	11	5	ND	2	187	1	2	2	51	2.20	.034	7	14	1.06	251	.06	6	1.30	.01	.79	1	3	420
12456 DR	1	51	9	96	.2	14	17	945	3.90	6	5	ND	2	166	1	2	2	69	2.15	.028	8	19	1.45	391	.11	4	1.48	.02	.99	1	4	130
12457 DR	1	59	6	89	.1	10	18	1223	4.44	5	5	ND	1	212	1	2	2	88	3.44	.033	6	11	1.37	474	.05	10	.86	.01	.55	1	4	140
12458 DR	1	43	8	106	.1	14	19	1258	4.23	26	5	ND	2	249	1	4	2	77	3.89	.038	7	14	1.37	214	.04	4	.84	.01	.53	1	5	300
12459 DR	1	77	12	74	.1	9	10	726	2.66	56	5	ND	1	184	1	2	2	31	2.58	.033	10	10	.75	148	.02	8	.61	.01	.32	1	3	130
12460 DR	1	19	7	31	.1	15	15	734	3.61	5	5	ND	2	108	1	2	2	73	1.21	.027	10	21	1.17	614	.12	2	1.18	.02	.94	1	4	40
12461 DR	1	33	19	79	.2	10	10	907	3.46	14	5	ND	6	321	1	2	2	18	4.12	.024	6	5	.89	137	.01	5	.34	.01	.18	1	4	90
12462 DR	1	72	14	78	.1	27	14	987	3.25	43	5	ND	1	238	1	6	2	36	3.75	.060	6	27	.98	224	.01	6	.41	.01	.23	1	4	170
12463 DR	1	17	19	124	.1	16	14	1198	3.17	204	5	ND	3	209	1	5	2	22	2.43	.031	5	8	.81	61	.01	6	.41	.01	.18	1	7	210
12464 DR	2	25	38	77	.1	8	8	641	1.81	87	5	ND	7	216	1	9	2	11	1.71	.023	4	4	.48	26	.01	5	.37	.01	.15	1	10	200
12465 DR	3	13	41	85	.1	9	6	672	1.58	23	5	ND	6	235	1	2	2	12	1.89	.019	5	5	.60	99	.01	4	.34	.01	.16	1	9	210
12466 DR	2	33	25	83	.1	11	7	763	2.06	34	5	ND	5	197	1	2	2	15	2.48	.021	6	4	.72	60	.01	9	.32	.01	.16	1	8	280
12467 DR	1	35	15	80	.1	12	12	960	3.10	35	5	ND	3	290	1	2	2	40	3.89	.041	7	18	1.15	147	.01	10	.34	.01	.18	1	4	440
12468 DR	2	40	26	95	.1	10	10	820	2.42	44	5	ND	4	248	1	6	2	13	2.71	.031	5	3	.63	88	.01	5	.31	.01	.17	1	13	500
12469 DR	1	35	88	129	.6	14	13	888	3.96	104	5	ND	5	418	2	19	2	12	3.25	.025	3	6	.63	26	.01	7	.33	.01	.18	1	61	510
12470 DR	1	25	29	95	.1	8	6	812	1.84	34	5	ND	4	300	1	2	2	11	3.20	.021	3	2	.65	59	.01	2	.33	.01	.16	1	12	350
12471 DR	1	34	13	69	.1	5	9	896	2.52	26	5	ND	2	208	1	2	2	16	3.52	.019	10	6	.99	150	.01	5	.31	.01	.21	1	3	270
12472 DR	1	31	12	78	.1	7	10	922	3.23	30	5	ND	1	211	1	2	2	18	2.67	.020	9	2	.83	161	.01	4	.35	.01	.21	1	2	720
12473 DR	1	20	30	106	.1	8	6	912	2.02	52	5	ND	7	231	1	5	2	6	1.62	.017	5	4	.49	24	.01	4	.37	.01	.18	1	12	430
12474 DR	1	16	39	97	.2	6	5	1323	1.95	40	5	ND	9	233	1	2	2	4	1.64	.010	3	2	.47	44	.01	4	.34	.01	.15	1	16	480
12475 DR	4	14	31	125	.1	8	5	710	1.25	145	5	ND	10	211	1	4	2	4	.98	.013	4	5	.27	63	.01	4	.40	.01	.19	1	11	1400
12476 DR	3	7	25	205	.1	9	6	1018	1.36	92	5	ND	7	210	1	4	2	7	2.11	.014	5	3	.53	107	.01	7	.40	.01	.20	1	10	1200
12477 DR	2	22	28	101	.1	9	6	984	1.66	24	5	ND	8	255	1	2	2	11	2.33	.017	5	5	.69	78	.01	3	.38	.01	.17	1	8	430
12478 DR	1	44	37	97	.1	10	8	1105	2.10	39	5	ND	6	286	1	2	2	21	2.95	.023	5	5	.91	116	.01	4	.43	.01	.20	1	6	980
STD C/AU-R	17	59	39	132	7.1	73	30	935	3.66	39	17	6	36	49	17	15	19	57	.50	.064	37	55	.83	176	.07	33	1.79	.06	.14	11	525	1300

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
12479 DR	1	33	31	66	.2	7	7	1155	3.20	566	5	ND	8	229	1	13	2	33	2.84	.029	5	7	.61	64	.01	7	.49	.01	.20	1	1	300
12480 DR	11	66	180	717	.5	13	6	1218	2.27	119	5	ND	4	132	18	4	2	15	3.49	.038	8	4	1.07	137	.01	5	.34	.01	.17	1	8	180
12481 DR	11	46	92	291	.3	13	7	1276	3.31	53	5	ND	3	222	5	2	2	22	3.32	.044	9	9	1.15	177	.01	4	.36	.01	.15	1	1	160
12482 DR	3	25	32	113	.1	13	7	1331	3.09	36	5	ND	6	273	1	2	2	19	3.13	.030	8	7	1.16	25	.01	6	.29	.01	.19	1	3	150
12483 DR	1	22	28	78	.2	10	7	1386	2.12	39	5	ND	9	206	1	4	2	17	2.65	.025	7	7	.81	113	.01	7	.37	.01	.16	1	16	270
12484 DR	1	9	24	51	.1	5	3	1110	1.09	78	5	ND	14	130	1	2	3	10	.95	.012	7	3	.35	23	.01	6	.31	.01	.14	1	2	450
12485 DR	1	1	40	35	.2	1	1	147	.16	62	5	ND	19	143	1	2	2	1	.27	.001	8	4	.10	99	.01	8	.35	.01	.14	2	1	320
12486 DR	1	6	43	73	.1	3	1	605	.44	66	8	ND	17	121	1	2	2	2	.55	.003	8	2	.19	88	.01	7	.34	.01	.14	1	1	370
12487 DR	1	1	44	34	.2	1	1	566	.43	23	5	ND	17	146	1	2	2	1	1.40	.001	7	7	.22	360	.01	5	.34	.01	.14	1	1	160
12488 DR	4	38	33	238	.5	15	7	724	2.61	32	5	ND	5	195	2	3	4	23	2.62	.061	9	5	1.09	106	.01	9	.44	.01	.20	1	1	150
12489 DR	1	41	20	97	.4	15	9	699	3.46	11	5	ND	5	202	1	2	3	36	2.58	.035	7	17	1.15	198	.01	7	.51	.01	.28	1	7	70
12490 DR	4	55	35	132	.3	13	10	812	2.93	11	5	ND	4	196	1	2	2	37	2.71	.038	10	8	1.21	211	.01	5	.60	.01	.29	1	2	90
12491 DR	5	76	28	102	.1	17	11	685	2.58	10	5	ND	2	200	1	2	2	35	2.75	.035	8	15	1.22	182	.01	7	.54	.01	.27	1	1	80
12492 DR	1	46	27	123	.2	27	12	836	3.13	19	5	ND	3	202	2	2	2	38	3.23	.049	6	15	1.58	70	.01	10	.46	.01	.22	1	3	110
12493 DR	1	81	16	107	.2	16	19	1258	4.55	36	5	ND	3	276	1	2	2	60	4.31	.054	7	8	1.64	59	.01	6	.53	.01	.22	1	3	420
12494 DR	1	59	3	95	.1	10	13	1117	4.76	11	5	ND	1	174	1	2	2	109	1.95	.073	8	11	1.65	275	.10	4	1.18	.02	.69	1	1	160
12495 DR	1	20	17	79	.3	9	12	940	3.95	3	5	ND	3	114	1	2	2	62	2.04	.025	5	17	1.31	393	.06	4	.79	.03	.52	1	1	20
12496 DR	1	13	5	94	.1	5	16	939	4.04	2	5	ND	1	102	1	2	2	95	1.50	.041	4	8	1.51	397	.12	2	1.41	.04	.77	1	1	20
12497 DR	1	24	6	73	.2	7	11	1972	2.74	1303	5	ND	1	106	1	15	2	46	2.55	.037	4	13	1.41	211	.04	6	.84	.02	.48	1	50	210
12498 DR	1	54	7	70	.1	8	10	1262	2.61	2073	5	ND	1	135	1	23	2	35	3.45	.042	9	5	1.03	24	.01	10	.39	.01	.17	1	3	310
12499 DR	1	121	14	74	.1	7	15	1367	4.07	216	5	ND	1	169	1	16	2	34	4.55	.055	4	3	1.63	102	.01	4	.42	.01	.27	1	6	160
46918	2	12	6	32	.1	4	4	440	.65	30	5	ND	10	10	1	2	2	8	.09	.008	4	3	.07	84	.01	2	.32	.02	.14	1	4	40
46919	3	32	24	21	.1	7	2	28	2.79	846	5	ND	12	29	1	39	2	55	.03	.141	19	25	.01	23	.01	12	.66	.01	.04	1	10	210
46920	3	4	22	10	.1	5	1	35	.29	2	5	ND	15	8	1	2	2	5	.06	.004	7	6	.04	77	.01	9	.32	.01	.21	1	3	90
46921	31	43	22	10	5.3	8	2	66	.80	3997	19	6	1	24	1	371	2	8	.04	.010	2	41	.01	242	.01	3	.13	.01	.05	1	5650	2600
STD C/AU-R	19	62	42	132	6.7	75	31	1034	3.91	35	18	7	40	52	18	17	21	61	.48	.095	40	53	.30	180	.07	35	1.86	.06	.14	12	485	1300

Mt. Nansen / Dor Cl. (RJ)

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: MAY 24 1989 DATE REPORT MAILED: June 2/89 SIGNED BY. C. Leong ,D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8905-022 337 File # 89-1188

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U* PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
R 46922	1	27	20	11	.1	7	1	50	.27	71	5	ND	1	6	1	22	3	2	.02	.002	2	4	.01	15	.01	5	.11	.03	.05	1	4	50
R 46923	3	59	15	62	.1	60	23	1202	2.90	71	5	ND	1	30	1	57	2	56	17.52	.035	3	141	2.80	98	.01	2	.18	.01	.07	1	2	100
R 46924	7	22	26	54	.1	15	3	530	1.29	80	5	ND	1	11	2	12	2	29	2.67	.272	3	22	.05	25	.01	4	.17	.01	.07	1	3	630
R 46657	2	23	13	81	.5	15	6	3807	1.55	184	5	ND	1	21	1	26	2	19	1.42	.021	4	9	.10	122	.01	2	.14	.01	.03	1	10	410

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

Mt. Nanoun (RD)

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: MAY 31 1989 DATE REPORT MAILED: June 2/89. SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8906-011 File # 89-1278

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 43658	3	54	21	24	.1	7	2	67	.85	16	5	ND	1	7	1	2	2	17	.03	.002	2	6	.13	28	.02	7	.23	.04	.07	1	3
R 43659	2	15	13	28	.1	8	3	149	1.83	95	5	ND	1	45	1	28	2	10	.08	.042	6	5	.01	1072	.01	2	.38	.01	.03	2	12
R 43660	2	5	4	40	.1	9	2	108	.74	185	5	ND	1	9	1	10	2	5	.02	.006	2	9	.01	106	.01	2	.15	.01	.05	1	1
STD C/AU-2	17	63	44	132	7.1	73	31	947	3.77	42	18	7	37	50	18	17	22	58	.45	.088	37	55	.85	172	.07	34	1.82	.06	.14	11	520

Don C. M. Nansen (RD)

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: P1 ROCK P2-P3 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUN 7 1989 DATE REPORT MAILED: June 9/89 SIGNED BY. C. Leong .D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8906-032 337 File # 89-1374 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
48661	5	74	11	92	.1	24	19	1464	5.66	13	5	ND	3	7	1	12	2	99	.13	.039	6	23	.03	199	.01	2	.45	.01	.06	1	19	160
48662	2	24	3	20	.2	12	16	97	2.32	236	5	ND	1	11	1	31	2	21	.07	.019	6	9	.03	157	.01	2	.26	.02	.03	1	14	290
48663	3	44	16	39	.3	8	5	228	1.45	99	5	ND	2	9	1	22	2	21	.04	.016	5	7	.01	102	.01	2	.28	.01	.04	2	51	930
48665	7	9	14	11	.2	9	1	39	.74	171	5	ND	1	9	1	5	2	7	.03	.013	9	11	.01	57	.01	5	.26	.01	.03	1	31	830
48666	5	10	7	12	.1	9	1	70	.73	141	5	ND	1	19	1	14	2	4	.03	.012	2	12	.01	39	.01	2	.09	.01	.02	1	14	710
48667	2	39	13	49	.1	54	22	1447	1.90	572	5	ND	13	79	1	34	2	27	.19	.062	21	20	.01	79	.01	7	.69	.01	.11	1	60	90
48669	4	13	22	15	.1	17	6	36	2.11	788	5	ND	2	11	1	11	3	4	.03	.017	4	13	.01	76	.01	5	.26	.01	.06	2	1	1900
48670	2	5	6	6	.1	5	1	34	.34	10	5	ND	1	6	1	2	2	2	.03	.001	2	4	.01	45	.01	7	.12	.04	.05	1	1	20
48671	15	16	9	49	.1	10	4	49	2.99	381	5	ND	4	17	1	22	2	3	.01	.027	8	9	.01	445	.01	2	.26	.01	.09	1	22	2100
STD C/AU-R	17	62	40	132	7.1	73	31	949	3.91	36	19	6	37	50	19	16	22	57	.47	.085	37	55	.66	172	.07	31	1.86	.06	.13	12	510	1100

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
L65E 10250N	1	21	7	46	.1	12	7	305	3.03	8	5	ND	6	17	1	2	3	55	.28	.049	18	24	.31	156	.07	2	.93	.01	.07	1	16	30
L65E 10225N	1	15	8	56	.1	12	8	193	4.47	6	5	ND	7	19	1	2	2	100	.32	.049	23	32	.34	133	.09	2	.92	.01	.09	1	17	5
L65E 10200N	1	17	12	47	.1	12	7	156	4.06	8	5	ND	9	15	1	2	4	90	.31	.065	24	29	.25	77	.07	4	.85	.01	.06	1	1	5
L65E 10175N	1	17	9	43	.1	11	6	136	2.98	11	5	ND	8	18	1	2	2	66	.24	.028	19	22	.27	95	.07	2	.92	.01	.06	1	44	5
L65E 10150N	1	11	7	33	.1	10	5	152	2.96	7	5	ND	8	18	1	2	4	65	.33	.056	23	22	.28	96	.07	2	.81	.01	.05	1	1	5
L65E 10125N	1	17	10	61	.1	12	7	152	3.13	4	5	ND	6	19	1	2	3	71	.29	.043	15	26	.35	142	.08	2	1.27	.01	.06	1	14	10
L65E 10100N	1	16	9	51	.1	14	6	206	3.65	11	5	ND	5	23	1	2	2	62	.35	.061	17	24	.33	133	.07	2	1.14	.01	.06	1	57	5
L65E 10075N	1	14	3	43	.1	11	7	163	2.65	8	5	ND	6	17	1	2	5	89	.27	.063	27	27	.24	97	.07	6	.76	.01	.05	1	2	20
L65E 10050N	1	16	7	66	.1	10	8	320	3.65	16	5	ND	5	16	1	2	2	61	.26	.047	20	29	.29	155	.07	2	.92	.01	.05	1	1	20
L65E 10025N	1	15	4	61	.1	12	7	222	3.02	9	5	ND	3	19	1	2	2	69	.33	.028	14	24	.32	134	.08	2	1.05	.01	.05	1	1	10
L65E 10000N	1	22	5	57	.1	10	7	209	3.20	24	5	ND	3	22	1	3	4	72	.35	.043	21	22	.23	95	.06	2	.87	.02	.06	1	1	80
L65E 9975N	1	19	6	51	.1	15	8	201	3.69	8	5	ND	8	17	1	2	2	81	.32	.035	19	30	.34	142	.08	3	1.09	.01	.10	1	1	10
L65E 9950N	1	26	9	59	.1	15	9	199	5.15	5	5	ND	9	19	1	2	2	114	.39	.057	26	36	.35	111	.09	2	1.09	.01	.09	1	1	5
L65E 9925N	1	19	4	56	.1	14	10	247	6.75	8	5	ND	11	19	1	2	3	153	.42	.093	27	44	.24	89	.09	2	.68	.01	.07	1	62	10
L65E 9900N	1	20	8	47	.1	12	7	195	3.70	2	5	ND	9	17	1	2	2	83	.34	.056	27	27	.28	187	.07	2	.81	.01	.08	1	24	5
L65E 9875N	1	20	8	49	.1	14	7	139	3.23	4	5	ND	6	19	1	2	2	71	.31	.044	20	25	.21	156	.08	2	1.04	.01	.10	1	1	5
L65E 9850N	1	19	6	54	.1	11	8	206	3.29	7	5	ND	9	16	1	2	4	97	.30	.050	25	33	.34	133	.09	2	.76	.01	.09	1	3	5
L65E 9825N	1	28	11	52	.1	13	9	228	2.55	7	5	ND	4	21	1	2	2	56	.32	.043	13	27	.53	139	.09	2	1.72	.02	.10	1	3	10
L65E 9800N	1	22	12	55	.2	11	9	207	4.43	5	5	ND	8	17	1	2	3	99	.33	.058	22	29	.22	108	.08	8	.83	.01	.07	1	64	5
L65E 9775N	1	29	8	53	.1	11	9	222	4.70	6	5	ND	6	17	1	2	2	108	.31	.058	20	31	.29	111	.08	8	.83	.01	.07	1	1	5
L65E 9750N	1	16	5	37	.1	10	5	142	2.18	2	5	ND	5	16	1	2	2	50	.31	.047	17	18	.27	92	.06	2	.63	.01	.06	1	1	5
L65E 9725N	1	19	9	46	.1	11	8	179	4.06	6	5	ND	7	17	1	2	3	91	.34	.066	24	28	.27	96	.07	2	.77	.01	.07	2	19	5
L65E 9700N	1	28	8	52	.1	12	7	224	3.84	5	5	ND	8	18	1	2	2	90	.36	.074	21	27	.36	119	.08	7	.89	.01	.09	1	97	5
L65E 9675N	1	16	10	50	.1	15	7	137	2.91	3	5	ND	6	17	1	2	2	64	.31	.056	18	24	.35	132	.08	2	1.00	.01	.08	1	85	5
L65E 9650N	1	21	9	47	.1	13	7	196	3.43	4	5	ND	7	18	1	2	2	79	.40	.079	22	25	.32	100	.08	4	.79	.01	.08	1	131	5
L65E 9625N	1	15	8	46	.1	12	6	154	2.88	8	5	ND	7	17	1	2	2	65	.35	.075	21	23	.29	89	.07	2	.77	.01	.06	1	10	5
L65E 9600N	1	25	9	51	.1	16	8	173	3.22	3	5	ND	5	16	1	2	2	72	.27	.041	18	24	.34	142	.08	2	1.01	.01	.09	1	1	5
L65E 9575N	1	13	8	39	.1	11	5	157	2.26	2	5	ND	7	17	1	2	2	50	.35	.063	21	18	.27	77	.06	16	.66	.01	.06	1	1	5
L65E 9550N	1	10	7	36	.1	11	5	148	2.16	2	5	ND	6	17	1	2	2	47	.37	.068	25	17	.24	63	.06	16	.59	.01	.05	1	1	5
L65E 9525N	1	24	11	62	.1	15	11	242	4.51	5	5	ND	7	18	1	2	2	101	.33	.049	22	31	.48	151	.10	2	1.16	.01	.10	1	1	10
L65E 9500N	1	36	9	82	.1	16	11	272	3.14	4	5	ND	4	21	1	2	2	75	.32	.038	14	29	.66	217	.11	4	1.70	.02	.14	1	1	10
STD C/AU-S	17	62	39	132	7.1	73	31	925	3.77	39	18	6	36	49	17	15	22	56	.47	.086	36	55	.86	174	.07	31	1.80	.06	.13	11	49	1300

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
L63E 10500N	1	5	7	31	.1	7	1	144	1.64	4	5	ND	6	11	1	2	4	37	.09	.061	17	16	.22	71	.05	3	.65	.01	.05	1	1	5
L63E 10475N	1	8	7	39	.2	10	5	126	1.59	2	5	ND	4	13	1	2	2	34	.21	.049	12	17	.29	57	.05	4	.94	.01	.05	1	1	10
L63E 10450N	1	16	9	52	.2	13	7	121	2.62	4	5	ND	4	14	1	2	4	56	.16	.026	13	25	.30	74	.05	2	1.39	.01	.04	1	1	20
L63E 10425N	1	14	7	42	.1	12	7	159	2.53	2	5	ND	5	14	1	2	2	58	.26	.058	18	22	.33	71	.07	3	1.03	.01	.07	1	1	10
L63E 10400N	1	7	5	30	.1	6	4	125	1.10	2	5	ND	3	15	1	2	2	22	.25	.050	12	12	.22	74	.04	4	.58	.01	.06	1	1	5
L63E 10375N	1	8	6	36	.2	11	5	154	2.03	4	5	ND	8	16	1	2	2	47	.31	.065	20	19	.26	65	.06	2	.78	.01	.05	1	1	10
L63E 10350N	1	20	7	46	.1	16	8	142	2.57	3	5	ND	5	16	1	2	3	57	.29	.051	20	25	.31	96	.07	3	1.16	.01	.06	1	1	10
L63E 10325N	1	34	7	51	.3	17	8	157	2.30	11	5	ND	6	15	1	2	3	50	.22	.039	16	25	.42	66	.08	2	1.65	.01	.07	1	4	20
L63E 10300N	1	6	5	33	.2	7	4	165	1.16	5	5	ND	5	15	1	2	2	33	.33	.073	18	16	.25	73	.05	2	.68	.01	.06	1	1	5
L63E 10275N	1	11	9	37	.1	10	5	163	1.92	3	5	ND	5	16	1	2	2	44	.29	.064	17	19	.29	67	.06	4	.93	.01	.06	1	1	10
L63E 10250N	1	27	7	83	.1	13	7	156	2.90	8	5	ND	5	19	1	2	2	57	.22	.033	22	24	.30	144	.04	2	1.33	.01	.06	1	1	20
L63E 10225N	1	23	7	52	.1	13	8	189	2.53	5	5	ND	6	18	1	2	2	56	.28	.060	18	25	.36	113	.06	2	1.38	.01	.08	1	1	5
L63E 10200N	1	9	9	40	.2	12	6	142	1.80	2	5	ND	5	17	1	2	2	39	.27	.060	15	18	.29	87	.05	2	1.05	.01	.05	1	1	5
L63E 10175N	1	11	4	39	.1	9	5	138	1.91	2	5	ND	3	16	1	2	2	43	.27	.057	14	19	.27	76	.05	6	.90	.01	.05	1	1	10
L63E 10150N	1	17	8	41	.2	12	6	168	2.32	6	5	ND	5	18	1	2	3	52	.30	.062	18	22	.30	79	.06	2	1.03	.01	.07	1	1	5
L63E 10125N	1	14	6	40	.1	11	6	177	1.98	5	5	ND	5	17	1	2	5	45	.30	.067	18	20	.32	92	.06	2	.93	.01	.08	1	1	5
L63E 10100N	1	72	7	71	.2	19	13	190	3.70	22	5	ND	3	27	1	2	4	90	.29	.026	12	31	.64	147	.11	2	2.95	.02	.19	1	14	5
L63E 10075N	1	23	5	39	.2	9	5	176	1.92	6	5	ND	6	17	1	2	2	43	.30	.059	17	21	.32	72	.06	4	.92	.01	.08	1	2	5
L63E 10050N	1	19	5	39	.1	14	7	136	1.79	11	5	ND	3	16	1	2	2	39	.24	.045	10	18	.33	96	.05	2	1.15	.01	.09	1	9	5
L63E 10025N	1	9	6	33	.1	10	4	132	1.47	6	5	ND	3	16	1	2	2	32	.29	.059	13	15	.27	66	.05	8	.81	.01	.06	1	2	5
L63E 10000N	1	37	10	95	.2	13	8	210	3.01	46	5	ND	3	19	1	3	5	57	.35	.047	19	26	.33	151	.04	5	1.05	.01	.12	1	19	110
L63E 9975N	1	6	4	29	.1	11	5	196	1.82	5	5	ND	4	15	1	2	2	30	.30	.054	15	19	.25	81	.05	2	.70	.01	.05	1	3	5
L63E 9950N	1	26	4	51	.3	24	11	252	2.38	3	5	ND	3	15	1	2	3	72	.21	.034	14	47	.72	100	.07	4	1.27	.01	.16	1	1	10
L63E 9925N	1	9	5	34	.1	8	5	173	1.67	6	5	ND	4	15	1	2	2	38	.28	.064	15	17	.25	55	.05	2	.75	.01	.06	1	3	5
L63E 9900N	1	6	3	30	.1	6	4	150	1.27	4	5	ND	5	14	1	2	2	28	.27	.056	15	13	.22	48	.04	11	.59	.01	.05	1	33	5
L63E 9875N	1	8	6	30	.2	9	4	167	1.57	2	5	ND	5	15	1	2	2	34	.31	.068	19	15	.23	64	.05	7	.62	.01	.05	1	16	5
L63E 9850N	1	9	4	30	.1	9	4	109	1.53	4	5	ND	4	13	1	2	2	33	.23	.045	16	16	.22	73	.05	6	.82	.01	.04	1	1	5
L65E 10500N	1	37	7	53	.1	14	9	306	2.79	4	5	ND	4	21	1	2	2	59	.31	.049	16	27	.48	157	.07	11	1.50	.01	.07	1	14	20
L65E 10475N	1	31	4	57	.1	10	8	252	3.52	8	5	ND	4	24	1	2	2	55	.37	.055	22	24	.45	190	.07	2	1.11	.01	.10	1	18	30
L65E 10450N	1	14	6	39	.1	10	7	226	2.53	6	5	ND	5	18	1	2	2	57	.27	.059	18	22	.28	95	.06	3	.82	.01	.06	2	9	5
L65E 10425N	1	36	12	55	.2	18	8	193	2.73	13	5	ND	4	20	1	2	2	57	.27	.050	17	29	.46	152	.07	2	1.97	.01	.09	1	3	20
L65E 10400N	1	20	10	55	.1	13	7	210	2.62	9	5	ND	7	17	1	2	2	58	.26	.046	15	24	.31	135	.06	2	1.25	.01	.07	1	2	10
L65E 10375N	1	29	8	96	.1	10	9	304	3.11	8	5	ND	2	22	1	2	2	62	.32	.032	11	18	.66	176	.09	2	1.84	.01	.14	1	42	20
L65E 10325N	1	24	7	51	.1	11	7	182	2.33	14	5	ND	4	22	1	2	2	51	.31	.042	19	23	.42	149	.07	3	1.08	.01	.08	1	14	40
L65E 10300N	1	14	7	47	.1	10	5	207	2.62	8	5	ND	3	19	1	2	2	61	.25	.040	16	23	.30	152	.07	2	1.00	.01	.08	1	9	10
L65E 10275N	1	8	3	39	.2	8	5	253	1.90	5	5	ND	6	15	1	2	2	47	.29	.049	19	18	.26	113	.05	3	.71	.01	.06	1	8	5
STD C/AU-S	19	62	39	132	6.8	73	31	1019	3.95	42	20	7	37	51	18	15	16	59	.47	.090	38	56	.87	177	.07	35	1.84	.06	.13	12	48	1300

M1 Namsen (RD)

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: JUN 16 1989 DATE REPORT MAILED: June 22/89 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8906-061 337 / File # 89-1556

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
48671	1	67	4	44	.1	9	12	360	3.20	2	5	ND	1	380	1	2	2	84	3.96	.143	2	13	1.15	144	.09	2	5.03	.41	.16	1	1	10
48672	1	18	2	41	.1	6	4	333	.88	7	5	ND	1	245	1	2	2	13	28.28	.022	2	11	1.03	51	.01	2	.36	.01	.01	1	2	10
48673	1	19	2	21	.5	4	2	116	1.09	2	5	ND	4	13	1	2	2	7	.13	.009	8	21	.14	26	.02	19	.32	.04	.05	1	1	5
48674	2	2	4	4	.1	5	1	44	.41	2	5	ND	1	2	1	2	2	3	.05	.004	2	6	.03	1	.01	2	.09	.01	.01	1	3	10
48675	3	30	13	21	.1	11	3	31	1.47	199	5	ND	1	17	1	29	2	8	.04	.009	5	11	.01	91	.01	10	.36	.01	.05	1	23	1600
52226	3	24	15	33	.2	12	4	48	1.69	362	5	ND	1	22	1	24	2	10	.42	.015	3	9	.02	107	.01	11	.31	.01	.04	1	21	1800
52227	2	39	13	26	.1	14	6	57	2.25	367	5	ND	2	28	1	29	2	14	.03	.021	5	33	.01	421	.01	3	.37	.01	.06	1	22	1900
52228	1	4	4	8	.1	4	1	72	.58	2	5	ND	1	2	1	2	2	4	.04	.001	3	3	.03	11	.01	4	.16	.03	.05	1	3	20
52229	1	2	4	16	.2	5	1	30	.37	11	5	ND	2	23	1	2	2	8	.11	.009	5	6	.04	33	.01	2	.36	.02	.03	1	1	170
52230	2	25	10	14	.2	8	2	22	.92	211	5	ND	2	20	1	34	2	10	.03	.008	5	10	.01	352	.01	5	.41	.01	.07	1	26	1000
STD C/AU-1	18	63	40	132	6.5	68	31	554	4.17	40	18	6	37	49	18	15	19	59	.52	.089	38	56	.91	175	.07	36	2.00	.06	.13	12	515	1400

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: MT. NANSEN

CODE : 8906-061

Project No. :337 Sheet:1 of 4 Date rec'd:JUN16
Material :173 SOILS Geol.:R.D. Date compl:JUL04
Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Ag	As	PPB Au
54	6100E-9500N	0.2	1	40
55	9550	0.1	1	5
56	9600	0.2	1	5
57	9650	0.4	1	5
58	9700	0.3	1	20
59	9750	0.2	1	5
60	9800	0.1	1	5
61	9850	0.2	1	5
62	9900	0.2	2	5
63	9950	0.2	2	5
64	10000	0.2	4	5
65	10050	0.2	6	5
66	10100	0.3	1	5
67	10150	0.1	1	5
68	10200	0.2	1	5
69	10250	0.1	1	5
70	10300	0.1	1	5
71	10350	0.1	1	5
72	10400	0.1	1	5
73	10450	0.2	1	5
74	6100E-10500N	0.3	1	5
75	6300E-9500N	0.1	1	5
76	9525	0.2	1	5
77	9550	0.1	4	5
78	9575	0.1	1	5
79	9600	0.2	4	5
80	9625	0.3	2	5
81	9650	0.2	2	5
82	9675	0.3	4	5
83	9700	0.1	46	5
84	9725	0.1	4	5
85	9750	0.1	6	5
86	9775	0.2	1	5
87	9800	0.1	1	5
88	6300E-9825N	0.2	4	5
89	6700E-9675N	0.4	6	5
90	9700	0.1	2	5
91	6725	0.2	4	35
92	6750	0.2	2	5
93	9825	0.3	1	5
94	9850	0.2	6	5
95	9875	0.3	1	5
96	9900	0.1	1	5
97	9925	0.2	1	5
98	9950	0.2	2	5
99	9975	0.3	10	5
100	CHECK NL-6	1.1	90	-
101	6700E-10000N	0.3	1	5

T.T. No.	SAMPLE No.	Ag	As	PPB Au
102	6700E-10025N	0.2	6	5
103	10075	0.2	1	5
104	10100	0.5	260	5
105	10125	0.2	54	5
106	10150	0.3	18	5
107	10175	0.3	8	5
108	10200	0.3	12	5
109	10225	0.3	6	5
110	10250	0.2	4	5
111	10275	0.2	1	5
112	10300	0.4	10	5
113	10400	0.2	1	5
114	10500	0.4	1	5
115	6700E-14750N	0.3	4	15
116	6900E-9500N	0.2	10	5
117	9525	0.2	4	5
118	9550	0.3	10	5
119	9575	0.2	1	5
120	9600	0.2	1	5
121	9625	0.2	1	5
122	9650	0.2	8	5
123	9675	0.1	6	5
124	9700	0.1	14	5
125	9725	0.1	12	5
126	10150	0.2	8	5
127	10225	0.1	4	5
128	10250	0.1	1	5
129	10275	0.2	6	5
130	10300	0.2	10	5
131	10325	0.2	4	5
132	10350	0.2	10	5
133	10450	0.3	12	90
134	10500	0.2	10	5
135	10575	0.2	4	5
136	10625	0.4	10	5
137	10650	0.1	2	5
138	10725	0.1	4	5
139	10800	0.1	4	5
140	10850	0.1	4	5
141	10875	0.1	4	5
142	11050	0.1	6	5
143	11075	0.1	1	5
144	11100	0.2	1	5
145	11125	0.1	1	5
146	11150	0.2	1	5
147	11175	0.3	16	5
148	11200	0.2	10	5
149	11225	0.1	6	5
150	CHECK NL-6	1.1	80	-
2	6900E-11250N	0.1	2	5
3	11275	0.1	8	5
4	11300	0.2	1	5
5	11325	0.1	6	5
6	11350	0.1	4	5
7	11375	0.1	8	5
8	6900E-11400N	0.2	8	5
9	7300E-9000N	0.1	4	5

T.T. No.	SAMPLE No.	PPB Ag	As	Au
10	7300E-9050N	0.1	4	5
11	9100	0.1	10	5
12	9150	0.1	2	5
13	9300	0.2	1	5
14	9350	0.1	1	10
15	9550	0.1	4	5
16	9600	0.1	1	5
17	9650	0.1	1	5
18	9700	0.1	6	5
19	9850	0.3	1	5
20	9900	0.3	16	5
21	9950	0.2	1	5
22	7300E-10000N	0.2	8	5
23	7500E-9200N	0.1	1	5
24	9250	0.2	1	5
25	7500E-9850N	0.3	1	5
26	10700E-6500N	0.4	1	20
27	6550	0.5	2	5
28	6600	0.4	4	5
29	6650	0.4	1	5
30	6700	0.3	1	5
31	6750	0.3	4	5
32	6800	0.2	6	5
33	6850	0.3	2	5
34	6900	0.2	1	5
35	6950	0.2	1	5
36	7050	0.2	8	5
37	7100	0.2	1	10
38	7150	0.3	2	5
39	7200	0.2	1	5
40	7250	0.3	1	5
41	7300	0.2	1	5
42	7350	0.2	4	5
43	7400	0.2	4	5
44	7450	0.2	2	5
45	10700E-7500N	0.4	1	5
46	10900E-6500N	1.1	36	5
47	6550	0.2	2	100
48	6600	0.3	6	5
49	6650	0.2	1	5
50	6700	0.2	1	5
51	6750	0.3	1	5
52	6800	0.3	1	5
53	6850	0.2	1	5
54	6900	0.3	1	5
55	7000	0.3	1	5
56	7050	0.4	1	5
57	7100	0.5	6	5
58	7150	0.3	12	5
59	7200	0.4	4	5
60	7300	0.2	1	5
61	7350	0.2	2	5
62	10900E-7450N	0.2	2	35
63	11100E-6500N	0.3	2	5
34	6550	0.3	18	400
65	6600	0.2	20	5
66	11100E-6650N	0.2	1	5

T.T. No.	SAMPLE No.	Ag	As	PPB Au
67	11100E-6700N	0.3	1	5
68	6750	0.2	1	5
69	6800	0.3	1	5
70	6850	0.3	1	5
71	6900	0.3	1	5
72	6950	0.2	1	5
73	7000	0.3	1	5
74	7050	0.1	1	5
75	7200	0.2	1	25
76	7300	0.2	1	5
77	7350	0.2	4	5
78	11100E-7400N	0.2	1	5