

MAP NO.

ASSESSMENT REPORT X

DOCUMENT NO.: 092149

PROSPECTUS

MINING DISTRICT: DAWSON

CONFIDENTIAL X

TYPE OF WORK: GEOLOGICAL, GEOCHEMICAL

116 A 4

OPEN FILE

REPORT FILED UNDER: Noranda Exploration Co. Ltd

DATE PERFORMED: July 3-7, August 25-29, 1987

DATE FILED: April 20, 1988

LOCATION: LAT.: 64°09'N

AREA: South Klondike River

LONG.: 137°36'W

VALUE \$: 15,021.00

CLAIM NAME & NO.: IDA 1-23 YA89419-441; ORO 1-28 YA88924-951

WORK DONE BY: H. Copland

WORK DONE FOR: Noranda Exploration Co. Ltd

DATE TO GOOD STANDING | REMARKS: #19 IDA

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GEOLOGICAL & GEOCHEMICAL REPORT

on the

IDA - ORO CLAIMS

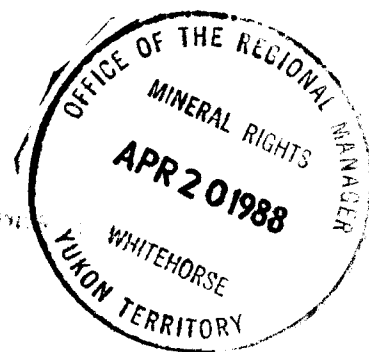
Dawson Mining District

Yukon Territory

N.T.S.: 116 A/04

Latitude: 64 09' N

Longitude: 137 36' W



092149

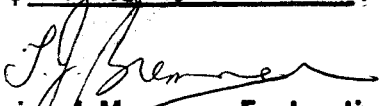
Owned & Operated by: Noranda Exploration Co. Ltd.

(no personal liability)

Author:

Hugh Copland

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 15,021.00.

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

SUMMARY

The IDA 1-23 and ORO 1-28 claims were staked by Noranda Exploration Company Limited in 1987 to cover a low grade, high tonnage target previously held by Rio Canex. Gold occurs in a silicified hornfels zone in Road River Formation sediments adjacent to Cretaceous monzonite stocks. A widespread gold zone in the order of 0.1 - 1.0 g/t Au with localized higher grade sections up to 10.6 g/t Au was identified by Rio Canex. Chip sampling in 1987 by Noranda confirmed the existence of this large low grade zone. Further sampling and mapping is recommended.

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CHAPTER ONE: INTRODUCTION

1-1: Introductory Statement

The IDA 1-23 and ORO 1-28 were staked by Noranda Exploration Company Limited in 1987 to cover previously known gold mineralization. During the season a brief program of soil and rock sampling was carried out to confirm the presence of auriferous zones on the property.

1-2: Location & Access

The property is located 90 kilometres east of Dawson City midway between Aussie and Hamilton Creeks (NTS 116 A/04, Lat. 64 09'N, Long. 137 36'W) see Figs 1 and 2. Present access is via helicopter from Dawson City. The Dempster Highway lies 45 km to the west of the property. An old road to a former dam along the South Klondyke River ends 32 km southwest of the claims.

1-3: Physiography & Vegetation

The IDA-ORO claims lie within the southern Ogilvie Range, a moderately rugged range of glaciated mountains with maximum peaks usually less than 1830 metres. Valley bottoms are broad with numerous marshes and swamps. Elevation on the claim group ranges from a high of 1790 metres along the central ridge to 1300 metres in the valleys.

The claims lie above treeline mostly in alpine and subalpine grasses. Scattered stunted spruce trees and spruce bushes are found within the claim boundaries in the valleys. A good supply of water flows in valley creeks during most of the summer.

1-4: Claim History

The property was initially staked as the IDA claims (120 units) in August 1979 by Rio Tinto Canadian Exploration Limited, to cover mercury, arsenic

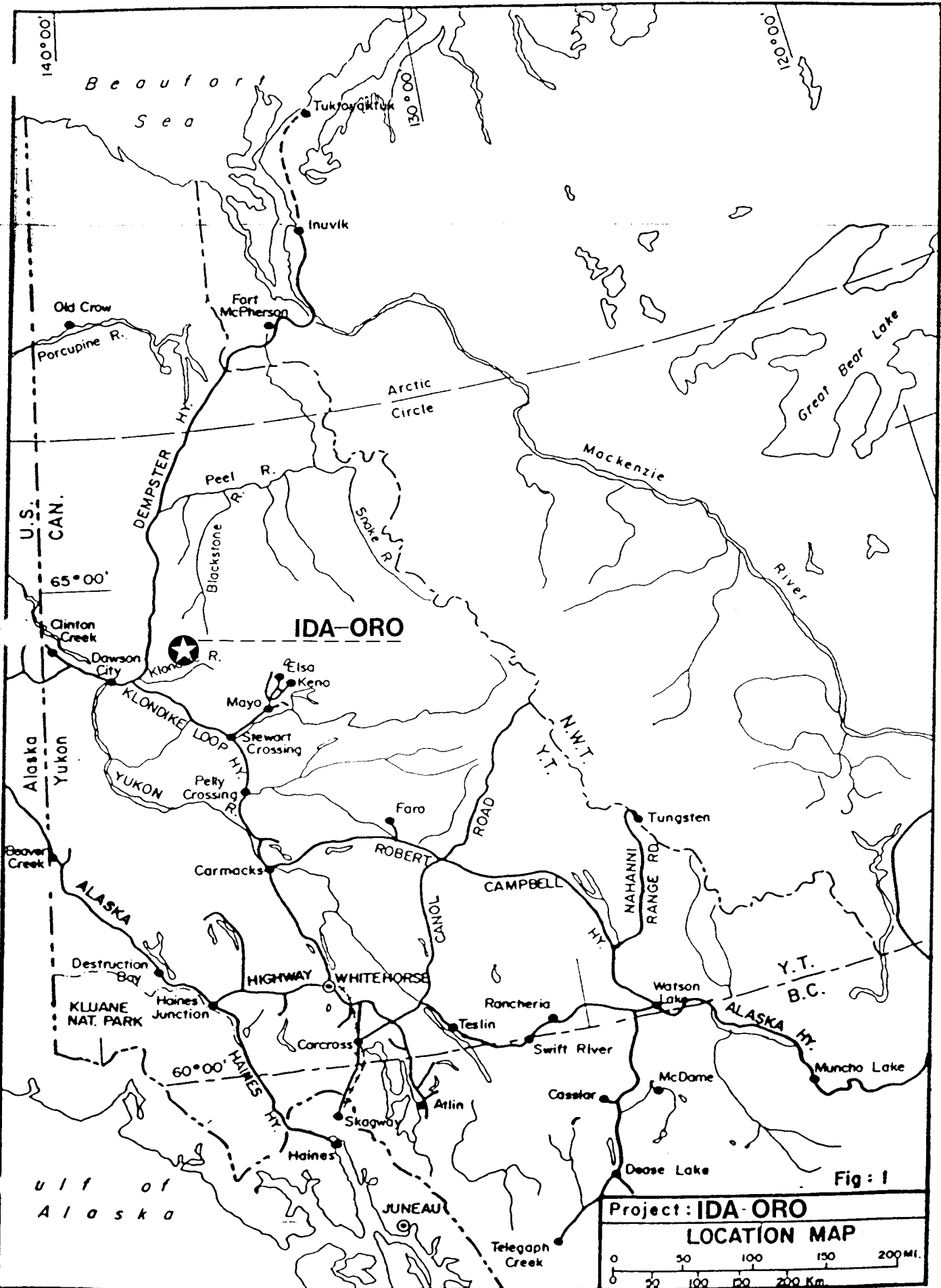


Fig: 1

Project: IDA-ORO
LOCATION MAP
 0 50 100 150 200 MI.
 0 50 100 150 200 Km.

VANCAL 11828

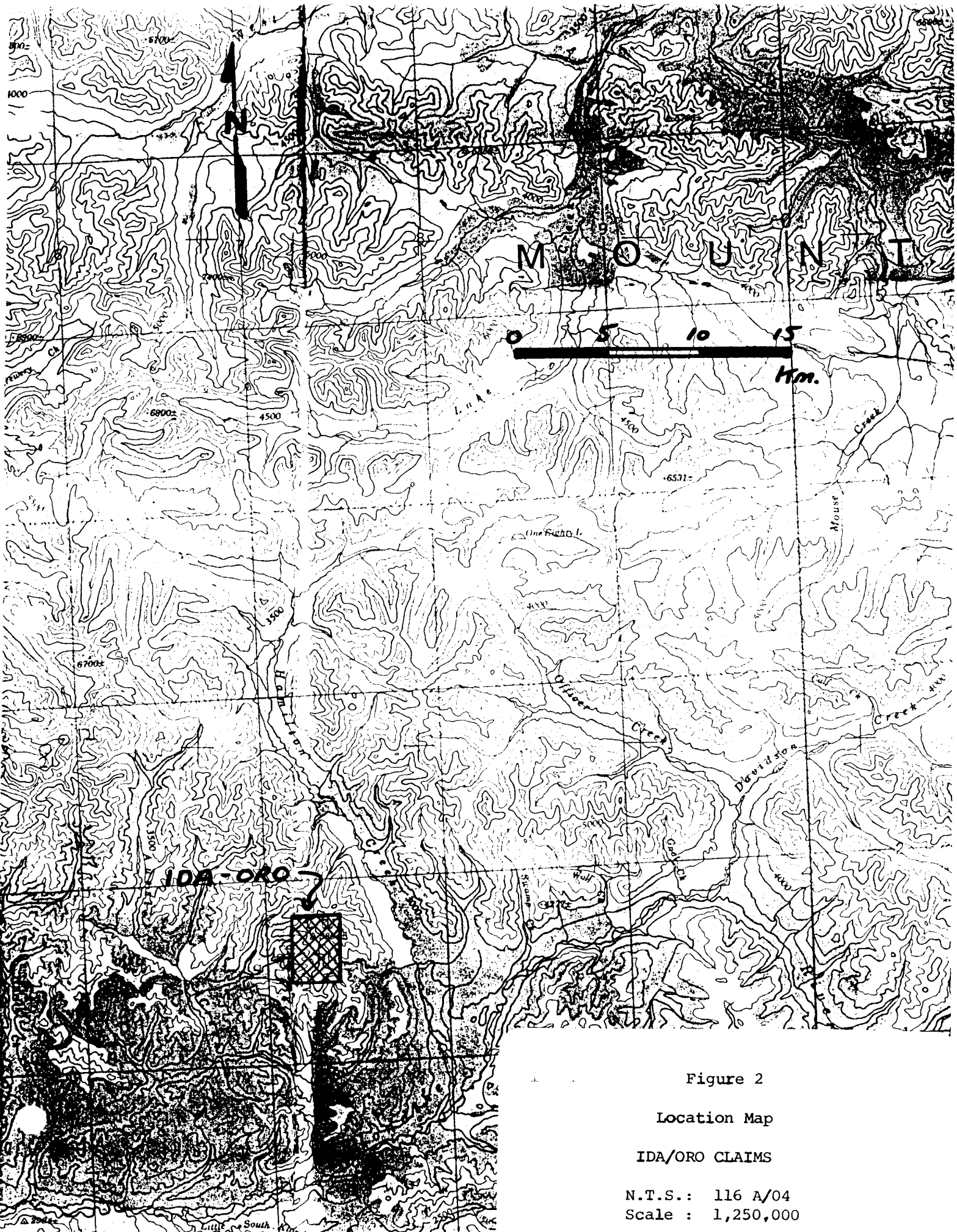


Figure 2

Location Map

IDA/ORO CLAIMS

N.T.S.: 116 A/04

Scale : 1,250,000

4500

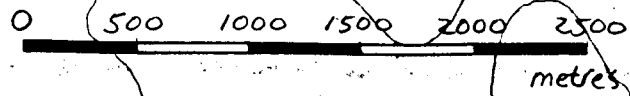
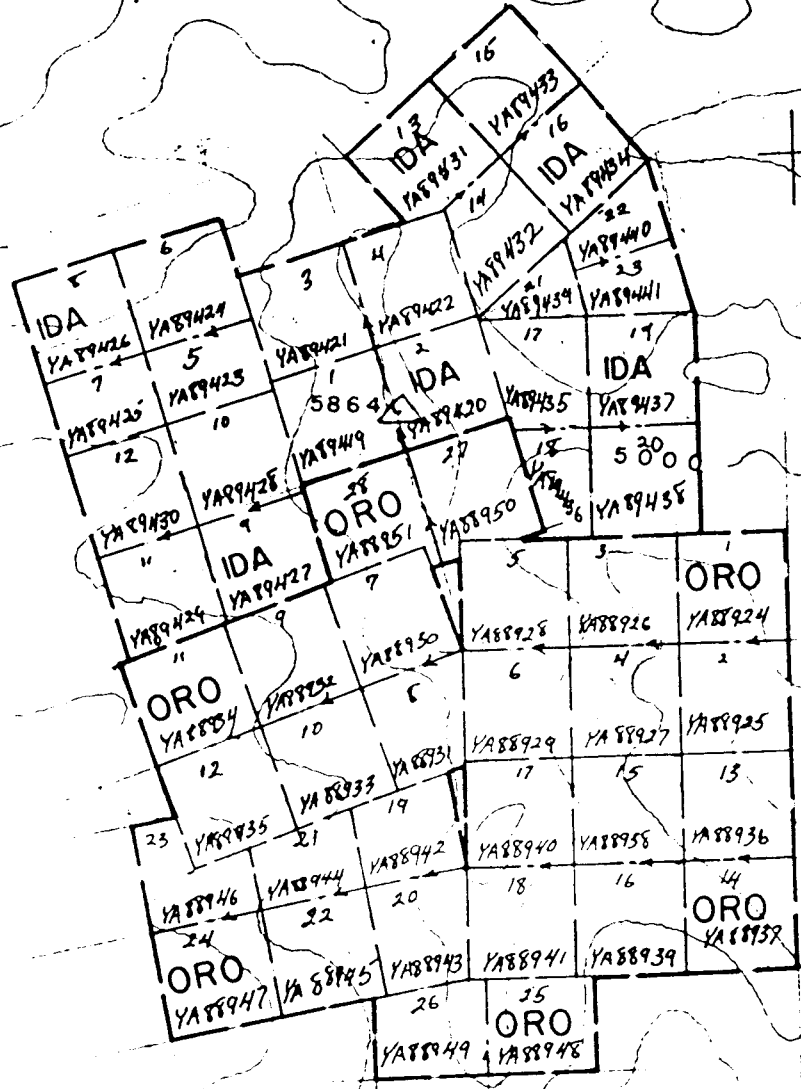


Figure 3

Claim Map

IDA/ORO CLAIMS

N.T.S.: 116 A/04

Scale : 1:30,000

and antimony silt anomalies obtained by a GSC survey. A short program of prospecting and sampling was conducted in 1979.

In 1980 a program of geological mapping, soil sampling, and rock chip sampling was undertaken. Hand blast trenching and detail rock chip sampling were conducted in 1981, by Rio Canex Inc.. No further work was done by Rio and the claims lapsed in late 1986.

Noranda Exploration Company Limited staked the ORD 1-28 in February 1987 and the IDA 1-23 claims in July 1987. (see Fig. 3). A summary of the claim status appears below:

<u>CLAIMS</u>	<u>RECORD NOS.</u>	<u>STAKED</u>	<u>ANNIVERSARY</u>
IDA 1-23	YA89419-41	July 15/87	Feb. 20/90
ORD 1-28	YA88924-51	Feb. 18/87	Feb. 20/90

1-5: 1987 Work Program

In 1987 Noranda Exploration conducted a brief program consisting of rock chip and soil sampling on auriferous zones identified by Rio Canex. Minor prospecting and geological mapping was also carried out at this time. Work was conducted during the period July 3-7 and Aug. 25-29 inclusive by the following personnel:

H. Copland	Geologist	Whitehorse, YT
R. Singh	Field Geologist	Edmonton, Albt.
G. McKay	Geological Assistant	Vancouver, B.C.
R. Copland	Field Assistant	Vancouver, B.C.

Helicopter support was furnished by Trans North Air out of Dawson City.

CHAPTER TWO: GEOLOGY

2-1: Regional Geology

The property lies within rocks of the Selwyn Basin part of the ancient North American continent. The basin is composed of rocks from Precambrian to Cretaceous in age. The Selwyn Basin sequence includes shale, chert and mafic volcanics of the Ordovician to Silurian Road River Formation. The Road River Formation overlies the so named Grit Unit, Atan & Sehwi Formations. Overlying the Road River Formation is the Devonian-Mississippian Earn Group or Black Clastic Unit comprised mainly of a chert pebble conglomerate. Fine grained Carboniferous and Permian clastics top the typical sequence in the Selwyn Basin. (see Table of Formations)

Cretaceous stocks and batholiths intrude Selwyn Basin strata in a number of areas.

TABLE OF FORMATIONSTERTIARY

- quartz porphyry

CRETACEOUS

- Cretaceous Intrusives: biotite granodiorite & biotite quartz
monzonite, to hornblende syenite
- Keno Hill Quartzite: quartzite with minor slate & phyllite

CARBONIFEROUS - PERMIAN

- limestone, shale, chert, & conglomerate

DEVONIAN - MISSISSIPPIAN

- Earn Group: chert pebble conglomerate

ORDOVICIAN & SILURIAN

- Road River Formation: interbedded chert, argillite, quartzite
& conglomerate

PRECAMBRIAN & LATER

- Grit Unit: (quartzite, sandstone & conglomerate) & mafic
volcanic rocks.

2-2: Property Geology

Detail mapping of the property was undertaken by Rio Canex in 1980 (Winkler & McClintock, 1981) and 1981 (McClintock, 1981). The claims are underlain primarily by three units of the Road River Formation. From youngest to oldest these units consist of:

Unit A - interbedded black and brown siltstone, mudstone, and shale with minor sandstone and limestone. Most beds are less than 30 cm in thickness except for some shale beds upwards to 4m thick. Unit A is approximately 50-100 metres thick.

Unit B - black and grey chert with minor shale and mudstone. Units A & B are gradational and Unit B appears to be 150m thick.

Unit C - is a typical turbidite sequence of interbedded sandstone, siltstone, mudstone and minor chert. Beds average 10-30 cm in thickness but may vary between 1 cm and 20 metres thick. This unit is gradational up into Unit B.

The Road River Formation has been intruded by several small stocks and related dykes of Cretaceous biotite - hornblende monzonite. Three main stocks form the bulk of the northerly trending ridge on the property. The northern most two stocks are feldspar porphyritic while the southern most is equigranular. Limonitic quartz-feldspar porphyritic dykes appear to be the youngest units on the property.

Sedimentary rocks adjacent to the intrusives have been thermally metamorphosed to varying degrees. The hornfels zone is typically bleached, fine grained and silicified. Silica veinlets ranging from hairline to upwards of 1 metre are found throughout the hornfels zone. It is within this zone that auriferous values have been obtained.

2-3: Economic Geology

Several zones of interest have been indentified by Rio Canex as being worthy of detail follow-up. Hydrothermal alteration of the sediments adjacent to the main intrusive bodies has resulted in argillic and silicic alteration of the rocks. Country rock has been pervassively replaced with silica and is cut by numerous quartz veinlets and larger veins. The more permeable rocks (sandstone, quartzite) have undergone more intense alteration than less permeable units such as the chert and shales.

Anomalous values of gold, arsenic, mercury, and antimony are found throughout the zone. Values in the order of 0.3 - 1.0 g/t Au can be obtained from chip samples over a large area of the alteration. Higher grade zones related in part to an increased in fracturing and silicification can reach up to 5.0 g/t.

CHAPTER THREE: GEOCHEMISTRY

3-1: Procedure

A total of 141 rock and 97 soil samples were collected during 1987. Soils from the B-horizon were collected with the use of a mattock on 50 metre intervals on three lines. Rock chips were taken on sample lengths ranging from 1.5 to 5 metres with the use of a small sledge hammer and a chisel. The silicified nature of the rock made the use of a chisel mandatory for proper sampling. Soil samples were sent to Noranda's Vancouver BC Lab for preparation and analysis. They were analysed for Cu, Pb, Zn, Ag, As, Sb, and Au using standard geochemical procedures. Rock samples were sent to Acme Labs Vancouver BC, and Bondar Clegg & Company, Vancouver BC for preparation and analysis. One batch of samples was analysed for As, Sb, Au, Hg, Sn, Tl using standard geochemical methods while the rest were assayed for gold only.

3-2: Results

Soils (see Fig. 4)

Soil lines showed good response for gold and its pathfinder elements. Sixty percent of the samples had gold values greater than 20 ppb. A 600 metre length of samples (#25160-171) tested greater than 100 ppb. Best soil sample obtained (#25182) was 1000 ppb. Arsenic and antimony gave a good correlation with gold. Almost every sample was anomalous in As (greater than 200 ppb) and antimony (greater than 20 ppm). Lead, zinc, and silver showed little activity whereas copper consistently lay in the 100 - 600 ppm range associated with gold.

Rocks (see Fig. 5)

Rock sampling concentrated on areas identified by Rio Canex as being auriferous. Resampling of trenches failed to reproduce values in some

instances whereas other areas not previously identified as carrying gold came back with significant values. Best gold value obtained from a litho sample was a grab sample of a piece of float containing an arsenopyrite bearing quartz vein. This sample (#25225) ran 13,540 ppb gold. Chip samples in the hornfels zone varied from nil to 5060 ppb Au over 1 metre and 1820 ppb over 3 metres. A series of continuous 1.5 metre chip samples over a length of 46.5 metres ranged from 0.10 - 2.06 g/t Au. The overall weighted average for this section was 0.46 g/t. Due to the large nature of the auriferous zone its full extent could not be tested with the short program conducted in 1987.

CHAPTER FOUR: CONCLUSIONS & RECOMMENDATIONS

Limited sampling in 1987 has confirmed the existence of a low grade gold zone in the Road River Formation where it has been metamorphosed by Cretaceous monzonite stocks. Values in the order of 0.1 - 5.0 g/t Au have been obtained by Noranda Exploration. A program of further sampling, geological mapping and a magnetometer survey are recommended for 1988 in order to fully delineate the gold zone.

Respectfully submitted by;



Hugh Copland

Project Geologist

ASSESSMENT COST STATEMENT

1) LABOUR

a) FIELD:	H. Copland	July 3-7:	\$ 600.
	G. McKay	July 3-7:	500.
	H. Copland	Aug 25-27:	350.
	R. Copland	Aug 25-29	500.
	R. Singh	Aug 25-29	<u>550.</u>
			2500.
b) OFFICE:	H. Copland	5 days	600.
	R. Bullers	(typing)	200.
	A. Isadro	(drafting)	<u>500.</u>
			\$ 1300.

2) GEOCHEMISTRY & ASSAY

a) Soil Samples (Cu, Pb, Zn, Ag, As, Sb, Au)			
including prep	\$18./sample X 97 samples	=	\$1746.
b) Rock Samples (Au, As, Sb, Hg, Sn, Tl)			
including prep	\$25./ sample X 49 samples	=	1225.
Rock Samples (Au assay)			
including prep	\$15./sample X 60	=	900.
Rock Samples (Cu, Pb, Zn, Ag, As, Hg, Au)			
including prep	\$25./sample X 32	=	<u>800.</u>
	TOTAL GEOCHEM	\$	4671.

3) TRANSPORTATION

a) Helicopter (Trans North Air) 7.5 hrs X \$600./hr	\$	4500.
b) Truck (rental & fuel)		500.
c) Sample Freight (Canadian Airlines)		<u>300.</u>
	TOTAL TRANSPORTATION	\$ 5300.

4) FOOD & ACCOMMODATION

30 mandays X \$30./day = 900.


5) MISCELLANEOUS

a) Field Supplies (flagging, bags, etc.)		250.
b) Office Supplies (report prep, prints, etc.)		<u>100.</u>
	TOTAL MISCELLANEOUS	\$ 350.
	TOTAL	\$15,021.

STATEMENT OF QUALIFICATIONS

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

1. I have been an employee of Noranda Exploration Company Limited (NPL) in Whitehorse since May, 1985.
2. I am a graduate of the University of British Columbia with a B.Sc. in Geology and of McMaster University, Hamilton, Ontario with a B.Eng..
3. I am a member of the Yukon Professional Geoscientist Society, and the Geological Association of Canada.
4. I supervised work on the IDA/ORO Claims during 1987.



Hugh Copland
Project Geologist

SELECTED REFERENCES

Green, C.H.

1972: Geology of Nash Creek, Larsen Creek, & Dawson Map Areas, YT;
GSC Mem. #364.

McClintock, J.

1979: IDA Claims, 1979 Geology & Geochemistry RioCanex; Assessment
Report No. 090548.

McClintock, J.

1981: IDA Claims, 1981, Geology & Trenching, RioCanex; Assessment
Report No. 090908

Winker, A. & McClintock J.

1981: IDA Claims 1980, Geology & Geochemistry, RioCanex; Assessment
Report No. 090781.

APPENDIX 1

RESULTS



8709-022

REPORT: 427-7043

IDA claims (RS)

PROJECT: 373

PAGE 17

SAMPLE NUMBER	ELEMENT UNITS	AU GMT
---------------	---------------	--------

R2 R-17226		0.17
R2 R-17227		0.45
R2 R-17228		0.27
R2 R-17229		0.21
R2 R-17230		0.27

R2 R-17231		0.14
R2 R-17232		0.27
R2 R-17233		0.31
R2 R-17234		0.48
R2 R-17235		0.38

R2 R-17236		0.27
R2 R-17237		0.24
R2 R-17238		0.07
R2 R-17239		0.69
R2 R-17240		0.58

R2 R-17241		0.48
R2 R-17242		0.58
R2 R-17243		0.21
R2 R-17244		0.48
R2 R-17245		0.58

R2 R-17246		0.55
R2 R-17247		0.31
R2 R-17248		0.65
R2 R-17249		0.48
R2 R-17250		0.72



8709-022

REPORT: 127-7043

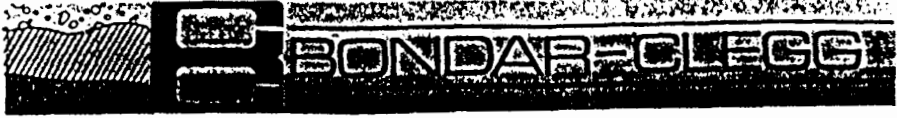
IDA Claims (Rs)

PROJECT: 373

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Hg PPB	Au PPB
R2 R-20594		34	7	38	0.1	135	10	45
R2 R-20595		89	5	48	0.1	49	15	20
R2 R-20596		36	3	33	<0.1	32	10	<5
R2 R-20597		32	7	20	<0.1	40	15	10
R2 R-20598		78	3	32	<0.1	>1000	5	50
R2 R-20599		21	17	12	0.3	64	130	340
R2 R-20600		72	11	53	0.1	42	10	10
R2 R-16801		120	24	24	0.6	76	15	5
R2 R-16802		142	19	28	0.3	74	10	5
R2 R-16803		61	3	22	<0.1	25	10	<5
R2 R-16804		123	27	48	0.4	640	15	<5
R2 R-16805		54	5	18	0.1	132	10	<5
R2 R-16806		110	49	19	0.5	27	10	10
R2 R-16807		64	3	68	<0.1	105	<5	10
R2 R-16808		173	4	53	0.2	53	5	20
R2 R-16809		72	151	105	0.8	464	325	<5
R2 R-16810		54	10	32	0.2	15	10	<5
R2 R-16811		70	9	33	0.4	35	10	<5
R2 R-16812		12	5	4	<0.1	4	10	<5
R2 R-16813		149	<5	22	0.1	362	15	90
R2 R-16814		150	19	34	0.2	244	10	120
R2 R-16815		200	8	26	0.3	440	<5	25
R2 R-16816		145	7	43	0.3	157	10	110
R2 R-16817		1250	9	68	0.7	>1000	5	560
R2 R-16818		640	8	32	1.6	>1000	15	760
R2 R-16819		52	15	36	0.2	696	<5	5
R2 R-16820		24	38	16	0.4	374	360	50
R2 R-16821		73	35	40	0.2	664	95	5
R2 R-16822		160	12	18	0.5	>1000	10	110
R2 R-16823		31	2	18	0.1	39	10	<5
R2 R-16824		105	9	32	0.1	119	5	<5
R2 R-16825		107	11	32	0.3	576	10	15
R2 R-16826		75	8	28	0.2	278	10	<5
R2 R-16827		60	<5	17	<0.1	28	10	10
R2 R-16828		104	18	18	0.3	60	10	30
R2 R-16829		18	<5	41	<0.1	5	10	25
R2 R-16830		70	9	16	0.1	17	10	<5

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IDA

8709-023

REPORT: 427-7044

NBC mineral

PROJECT: 373

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au GMT
---------------	---------------	--------

R2 R 17217		0.34
R2 R 17218		0.21
R2 R 17219		0.27

R2 R 20576		0.14
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R2 R 20577		<0.07
R2 R 20578		<0.07
R2 R 20579		0.10
R2 R 20580		0.07
R2 R 20581		<0.07

R2 R 20582		0.24
R2 R 20583		<0.07
R2 R 20584		<0.07
R2 R 20585		<0.07
R2 R 20586		0.10

R2 R 20587		0.07
R2 R 20588		<0.07
R2 R 20589		0.14
R2 R 20590		0.07
R2 R 20591		0.14

R2 R 20592		0.24
R2 R 20593		0.21
R2 R 70391		0.96
R2 R 70392		0.48
R2 R 70393		0.41

R2 R 70394		0.45
R2 R 70395		0.14
R2 R 70396		0.38
R2 R 70397		0.21
R2 R 70398		2.06

R2 R 70399		0.79
R2 R 99858		0.55
R2 R 99859		0.24
R2 R 99860		0.21
R2 R 99861		0.10

35

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 14 1987

DATE REPORT MAILED: July 22/87

GEOCHEMICAL ICP ANALYSIS

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

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

NORANDA (VAN) 8707-068 312 File # 87-2440 Page 1

SAMPLE#	AS PPM	SB PPM	AU* PPB	HG PPB	SN PPM	TL PPM
R 20479	519	4	220	5	1	1.0
R 20480	1719	10	325	10	2	2.4
R 20481	704	7	245	5	1	.6
R 20482	438	12	110	5	1	.3
R 20483	458	7	435	5	1	.4
R 20484	222	9	5060	5	1	.1
R 20485	506	8	395	5	3	.3
R 20486	763	18	990	140	1	.7
R 20487	4397	340	160	130	4	.9
R 20488	4091	139	36	2800	28	2.6
R 20489	2620	11	275	10	5	1.5
R 20490	217	9	170	30	14	.3
R 20491	85	10	36	10	6	.2
R 20492	61	10	79	20	6	.1
R 20493	2676	61	195	400	1	.5
R 20494	56	2	190	10	3	.4
R 20495	178	3	72	50	1	.1
R 20496	44791	201	410	2400	5	.3
R 20497	234	28	1820	150	3	.3
R 20498	217	12	163	40	1	.2
R 20499	523	17	97	70	3	.1
R 20500	367	16	72	5	2	.2
R 25124	15	2	1	5	3	.1
R 25125	14	6	19	10	1	.8
R 25126	21	2	2	20	1	.7
R 25127	14	14	40	5	134	.1
R 25128	191	10	7	5	1	.4
R 25129	154	6	6	5	3	.6
R 25130	58	2	1	5	1	.7
R 25131	83	2	27	5	4	.5
R 25132	139	2	124	5	2	.1
R 25133	464	2	41	5	4	.3
R 25134	154	2	17	5	1	1.1
R 25135	46	2	14	5	2	.6
R 25136	865	14	37	60	5	.5
R 25137	69	3	51	20	2	.9
STD C/AU-R	37	15	505	1400	-	-

SAMPLE#	AS PPM	SB PPM	AU* PPB	HG PPB	SN PPM	TL PPM
R 25138	183	2	4	10	1	.7
R 25139	471	3	18	5	1	.3
R 25140	634	15	35	1200	1	.5
R 25141	469	10	19	40	3	1.0
R 25224	99999	859	1210	40	4	1.9
R 25225	46434	581	13540	5	125	2.1
R 94910	15989	148	112	90	185	.7
R 94911	941	10	240	5	1	.8
R 94912	1436	12	47	10	1	.2
R 94913	327	4	490	40	1	.8
R 94914	524	11	320	5	2	.3
R 94915	641	12	950	60	1	.1
R 94916	1164	11	830	10	1	.4
STD C/AU-R	42	14	485	1400	-	.1

ASSAY REQUIRED FOR Au 710,000 ppm

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: YUKON GEN. (IDA)

CODE : 8707-066

Project No. : 312 Sheet: 1 of 2 Date rec'd: JUL.10
 Material : 97 SOILS Geol.: H.C. Date compl: JUL.24
 Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	PPB						
		Cu	Zn	Pb	Ag	As	Sb	Au
01	P 25142	86	58	6	0.2	380	10	30
02	25143	96	64	8	0.2	500	8	20
03	25144	78	74	8	0.2	480	8	90
04	25145	180	66	12	0.2	930	20	150
05	25146	100	74	10	0.2	700	4	60
06	25147	130	92	12	0.2	460	12	20
07	25148	120	76	10	0.2	360	8	20
08	25149	82	78	12	0.2	340	8	10
09	25150	100	70	10	0.2	350	12	90
10	25151	120	88	10	0.2	340	8	30
11	25152	80	62	8	0.2	420	8	50
12	25153	70	68	8	0.2	280	6	50
13	25154	120	74	14	0.2	720	8	20
14	25155	250	72	12	0.2	550	8	20
15	25156	56	66	14	0.2	840	8	120
16	25157	26	58	32	0.2	1400	24	180
17	25158	230	86	34	0.2	4400	50	70
18	25159	160	100	30	0.2	4300	36	60
19	25160	280	110	42	0.2	2100	76	150
20	25161	330	70	16	0.2	1300	28	200
21	25162	260	74	24	0.2	500	34	120
22	25163	160	70	28	1.0	1000	42	180
23	25164	310	120	38	1.0	1700	38	110
24	25165	490	100	48	1.2	2000	42	190
25	25166	620	76	12	0.4	2400	54	140
26	25167	390	70	16	0.4	570	44	280
27	25168	240	72	22	0.6	240	22	220
28	25169	140	100	30	0.4	620	26	290
29	25170	260	56	18	1.2	2400	34	430
30	25171	180	74	22	0.2	500	24	480
31	25172	190	56	10	0.2	460	14	80
32	25173	62	68	12	0.2	310	16	20
33	25174	82	64	62	0.2	460	34	100
34	25175	200	46	42	0.4	920	32	100
35	25176	130	80	12	0.2	560	14	30
36	25177	190	78	6	0.2	340	22	130
37	25178	70	48	4	0.2	250	16	10
38	25179	250	62	8	0.2	620	32	10
39	25180	160	120	20	0.2	550	22	60
40	25181	380	84	30	0.8	1300	64	680
41	25182	430	120	310	2.9	7000	140	1000
42	25183	520	120	20	2.0	2600	60	90
43	25184	280	76	16	0.2	720	18	130
44	25185	220	60	14	0.2	680	24	100
45	25186	200	80	18	0.2	530	34	100
46	25187	210	68	12	0.2	500	52	90
47	25188	260	66	26	0.2	500	50	290
48	P 25189	400	58	14	0.2	1800	52	100

2/1/71 HC DP

SAMPLE
No.

Cu

Zn

Pb

Ag

As

Sb

PPB 8707-066
Au Pg. 2 of 2

	SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	Au
P	25190	200	62	18	0.2	2100	60	80
	CHECK NL-5	24	70	66	1.2	80	-	-
P	25191	120	66	24	0.2	1300	32	50
	25192	94	56	20	0.2	1100	42	80
	25193	350	66	14	0.2	1000	14	40
	25194	52	60	18	0.2	700	16	20
	25195	42	80	22	0.2	550	30	10
	25196	78	76	10	0.2	800	8	30
	25197	40	76	24	0.2	670	16	20
	25198	74	80	36	0.2	800	18	40
	25199	80	78	46	0.2	1200	30	30
	25200	20	62	8	0.2	340	4	10
	25201	130	110	22	0.2	320	22	20
	25202	170	140	32	0.2	410	28	10
	25203	66	120	8	0.2	170	10	10
	25204	54	82	12	0.2	180	6	10
	25205	56	90	8	0.2	190	8	10
	25206	24	72	8	0.2	100	2	10
	25207	50	74	8	0.2	70	6	10
	25208	62	70	8	0.2	100	6	10
	25209	100	72	6	0.2	420	4	20
	25210	140	56	18	0.2	560	10	110
	25211	100	66	16	0.2	410	10	90
	25212	110	88	16	0.2	430	12	40
	25213	96	68	20	0.2	430	22	90
	25214	94	76	22	0.2	610	34	70
	25215	24	64	10	0.2	130	2	10
	25216	110	90	28	0.2	670	22	50
	25217	66	88	12	0.2	360	8	30
	25218	80	76	12	0.2	560	10	230
	25219	40	72	8	0.2	220	2	10
	25220	220	72	6	0.2	550	4	10
	25221	86	74	20	0.2	870	28	280
	25222	230	94	46	0.2	1300	60	360
P	25223	52	62	8	0.2	470	8	10
P	41126	66	76	14	0.2	370	8	10
	41127	120	280	58	0.2	150	42	110
	41128	120	130	32	0.2	240	40	10
	41129	40	84	42	0.2	50	24	10
	41130	58	90	12	0.2	60	4	10
	41131	78	110	120	0.4	240	62	20
	41132	72	100	10	0.2	50	1	10
	41133	74	120	84	1.0	560	36	10
	41134	280	260	92	1.8	960	74	10
	41135	52	84	6	0.2	60	4	10
	41136	48	66	4	0.2	50	2	10
	41137	100	78	6	0.2	60	1	10
	41138	96	120	8	0.2	50	2	10
	41139	32	92	6	0.2	60	2	10
P	41140	26	66	8	0.2	50	1	10

8707-066

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : NORANDA EXPLORATION CO. LTD.
1050 DAVIE STREET
VANCOUVER B.C.

CERTIFICATE#: 87380
INVOICE#: 7855
DATE ENTERED: 87-08-11
FILE NAME: NOR87380
PAGE # : 1

PROJECT: 312 8707-066
TYPE OF ANALYSIS: GEOCHEMICAL
Yukon Gem/IDA (HC)

PRE FIX	SAMPLE NAME	PPB Hg
P	P 25142	20
P	25143	60
P	25144	40
P	25145	40
P	25146	30
P	25147	60
P	25148	40
P	25149	60
P	25150	100
P	25151	240
P	25152	80
P	25153	40
P	25154	100
P	25155	60
P	25156	440
P	25157	900
P	25158	300
P	25159	220
P	25160	320
P	P 25161	120
P	25162	1560
P	25163	1180
P	25164	1840
P	25165	640
P	25166	120
P	25167	380
P	25168	400
P	25169	460
P	25170	1720
P	25171	820
P	25172	140
P	25173	40
P	25174	120
P	25175	140
P	25176	40
P	25177	40
P	25178	40
P	25179	160
P	P 25180	60

CERTIFIED BY : *P. Rossbach*

ROSSBACHER LABORATORY LTD.
CERTIFICATE OF ANALYSIS

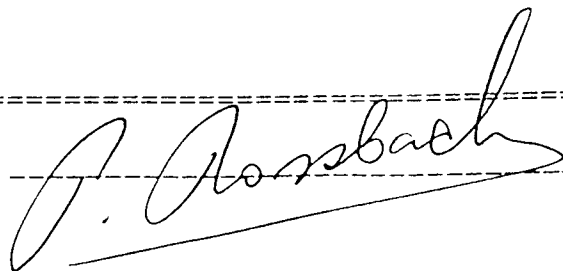
2225 S. SPRINGER AVENUE
 BURNABY, B.C. V5B 3N1
 TEL : (604) 299 - 6910

TO : NORANDA EXPLORATION CO. LTD.
 1050 DAVIE STREET
 VANCOUVER B.C.
PROJECT: 312 8707-066
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87380
INVOICE#: 7855
DATE ENTERED: 87-09-11
FILE NAME: NQR87380
PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Hg
P	P 25181	100
P	25182	60
P	25183	240
P	25184	100
P	25185	1620
P	25186	160
P	25187	60
P	25188	80
P	25189	60
P	25190	380
P	25191	560
P	25192	12450
P	25193	150
P	25194	240
P	25195	460
P	25196	40
P	25197	120
P	25198	440
P	25199	700
P	P 25200	40
P	25201	140
P	25202	80
P	25203	100
P	25204	60
P	25205	40
P	25206	40
P	25207	80
P	25208	60
P	25209	20
P	25210	80
P	25211	60
P	25212	740
P	25213	220
P	25214	420
P	25215	20
P	25216	2750
P	25217	220
P	25218	60
P	P 25219	40

CERTIFIED BY :



ROSSBACHER LABORATORY LTD.

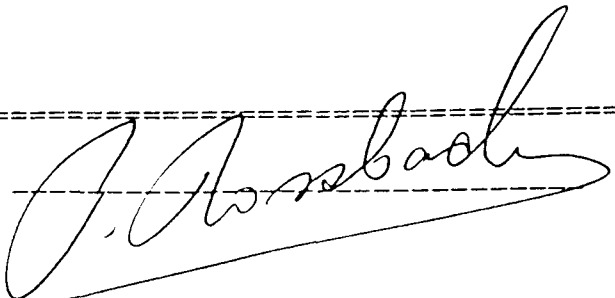
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

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TO : NORANDA EXPLORATION CO. LTD.
1050 DAVIE STREET
VANCOUVER B.C.
PROJECT: 312 8707-066
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87380
INVOICE#: 7855
DATE ENTERED: 87-08-11
FILE NAME: NOR87380
PAGE # : 3

PRE FIX	SAMPLE NAME	PPB Hg
P	P 25220	60
P	25221	360
P	25222	380
P	25223	70
P	41126	140
P	41127	340
P	41128	1900
P	41129	80
P	41130	30
P	41131	40
P	41132	20
P	41133	760
P	41134	200
P	41135	50
P	41136	80
P	41137	60
P	41138	60
P	41139	50
P	P 41140	40

CERTIFIED BY : 

APPENDIX 2
ROCK SAMPLE DESCRIPTIONS

PROPERTY IOA-ORON.T.S. 116A/4DATE July 87

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Hg	Sn	TL	
20479	Trench #18 dk grey-green to purple hornfels with microfractures of black to dark green veinlets 5 per 10cm @ south end to 10/m @ north end, whitish selvage adjacent to feldspar porphyritic dyke	Chip	5m	519	4	220	5	1	1.0	HK
20480	Trench #12 south half of trench, dark blackish hornfels rare veinlets, limonite on fracture surface, poor-mod fractures, minor bleby pct < 1%	"	5m	1719	10	325	10	2	2.4	
20481	Trench #12 north half lighter grey-green to purple hornfels, dark hair-line veinlets bleach & silicified, minor limonite on fracture surface	"	5m	704	7	245	5	1	0.6	

PROPERTY IDA - ORO

N.T.S. _____

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Hg	Sn	Tl	
20482	Trench #12 section included in 20481, highly bleached & cut by numerous dark veinlets, almost brecciated like appearance, strong limonite stain on fractures, pinkish-white bleached colour	Chip	1m	438	12	110	5	1	0.3	
20483	20 m north & just below trench #12, bleached & silicified meta-seds, not as hornfelsic as previous resistant linear sections on WS & abundant dark barline veinlets @ random orientation, weak limonitic stain, minor bleby stibate(?)	"	10m	458	7	435	5	1	0.4	
20484	Subcrop chip over 1m of large boulders (more in area) bright orange WS, FS med grey very fine gr, siliceous	"	1m	222	9	5060	5	1	0.1	

PROPERTY 10A - ORO

N.T.S. _____

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Hg	S ₂	TL	
20484 (cont)	cherty appearance, minor sericite sheen, very fine gr diss py ~ 10%, barite db veinlets ~ 1/cm, random resistant linears									
20485	~10 m north of B4 bleached, silicified light grey-green meta-seds with moderate resistant lineations on W.S., mod. hornfelsed, minor discontinuous limonitic patches, relic bedding slightly folded	Chip	5m	506	8	395	5	3	0.3	
20486	~10 m north of B5 moderately limonitic, sacrosic pinkish-white, bleached, silicified, fine-med gr mod sugary glassy texture local aspy on fractures & as veinlets, moderate dark barite fractures & veinlets	"	3m	767	18	990	140	1	0.7	

4/11

N.T.S. _____

PROPERTY IDA-ORO

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Pb	Hg	Cu	Zn	
20487	Ridge top ~ 10 m north of 86 highly bleached & silicified seds cut by numerous dark veinlets moderate-intense aspy ^{jarosite} yellow stain & blue-green (scorodite?) stain; adjacent to feldspar porphyry dyke	Chip	4 m	4397	340	160	130	4	0.9	
20488	adjacent to 87, intense clay altered feldspar porphyry dyke, moderate silicification, moderate yellowish jarosite & blue-green (scorodite?) stain, mod-intense limonite, sharp etc with meta-seds, pillowed?	"	2 m	4091	139	36	2800	28	2.6	
20489	30 m north of 88 bleached & silicified, mod hornfelsed, dark grey to black & massive locally, mod. resistant linears on w.s. similar to #85, occurs below R #8 (?)	"	4 m	2620	11	275	10	5	1.5	

N.T.S. _____

PROPERTY IDA - ORO

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Ag	Hg	Sn	Zn	
20490	near posts south of Cairn Ph near contact with porphyritic intrusive bleached sucrosic silicified seds, white-green weathering, dk green on FS. cut by numerous random green veinlets with greenish selvage	Chip	3m	217	9	170	30	14	0.3	
20491	50m northwest of #90 sucrosic white-pink med gr hornfels between dykes minor limonitic stain on us baseline black tourmalinized veinlets, density 2-3/cm local	"	4m	85	10	36	10	6	0.2	
20492	~ 50 m south of #30 face of bleached silicified seds, mod. limonitic stain on us fine gr, silicified, locally sucrosic, random dark green veinlets ~ 5-6/m average	"	6m	61	10	79	20	6	0.1	

N.T.S. _____

PROPERTY IDA - ORO

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Ag	Cu	TL	
20493	south of #92, gossanous fine gr seds, cut by numerous dk grey to black barline fractures ~ E-W & are vertical, larger veinlets to 5mm containing aspy	Chip	4m	2676	61	195	400	1	0.5	
20494	blocky subcrop, very white & bleached fine gr meta-seds green-grey to maroon on FS cut by dk. barline veinlets with & without green selvage	"	4m	56	2	190	10	3	0.4	
20495	Subcrop just of north of saddle to southern intrusion typical bleached, silicified grey-green hornfels, cut by moderate greenish barline fractures & resistant linears on W.S. avg. density, 3-4/10cm	"	4m	178	3	72	50	1	0.1	

7/11

PROPERTY IDA-DRO

N.T.S. _____

DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					AS	56	As	Hg	Sn	Tl							
20496	near ridge above #95 bleached, sacrosic hornfels as #95, extremely brecciated & cut by aspy & dk green stringers to 40%, yellowish- green aspy stain, angular to subrounded clasts to 1cm		Grab	-	4479	201	410	2400	5	0.3							
20497	75 m north of #94 & similar to #94, blaky subcrop with minor aspy stringers		Chip	3m	234	28	1820	150	3	0.3							
20498	low point in saddle near 4 posts, gossanous bleached hornfels, consistent mod. dk stringers & resistant linear 1/10cm, fine gr → sacrosic texture, grey-green on FS		"	4m	217	12	163	40	1	0.2							

PROPERTY IPA-010

N.T.S. _____

DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						As		Sb		Au		Hg		Sn		Tl	
20499	north side of low point in saddle, quartz vein with stringers of aspy & tourmaline subcropping on ridge top, southeast trend coarse of glassy Qtz with fine of sugary sections, vuggy, intense aspy yellow-green staining		Chip	2m	523		17		97		70		3		0.1		
20500	west of 499 chip parallel to bdy of mod. hornfelsed metaseds adjacent to @ Feldspar porphyry dyke, alternating white & green on ws, grey-dk green on FS, cut by intense density dk green veinlets, generally vertical but some random aug density 1/cm		"	2m	367		16		72		5		2		0.2		

9/11

PROPERTY IDA-000

N.T.S. _____

DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					As	Sb	Ag	Hg	Sn	Tl					
R 94910	subcrop just east of #500 bright gossanous limonitic breccia zone 1-2 m + (?) width, adjacent to Qtz-assy vein as #499 bleached silicified grey fragments in a limonitic boxwork, near aspy		Chip	1m	15989	148	112	90	185	0.7					
94911	↓ CIRQUE ABOVE CAMP ↓ talus boulder, 1 metre wide intensely hornfelsed, light grey-white on WS, dark grey-brown to purple on FS parallel resistant ridges on WS approx 1-0.5/cm near etc with intrusive		"	1m	941	10	240	5	1	0.8					
94912	large talus boulder similar to 911 not as intensely veined		"	3m	1436	12	47	10	1	0.2					

PROPERTY IDA - ORO

N.T.S. _____

DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					As	Sb	Au	Hg	Sn	Tl							
94913	dark grey - maroon hornfels cut by moderate density of white veinlets to 1mm in size density 2-4/10cm, adjacent to monzonite dyke just below low pt in saddle		Chip	2m	327	4	490	40	1	0.8							
94914	grassy - rock knoll south of saddle & fresh slide zone 20m north of #913 dh grey-green to purple hornfels, bleached on w.s. cut by moderately dense 1-3/cm light & dark hairline fractures		Chip	4m	524	11	320	5	2	0.3							
94915	talus boulder 25m north of #914 : 3 rd generation(?) qtz veinlets in bleached silicified hornfels, white to glassy veinlets hairline to 1cm in width, high density		Chip	1m	641	12	950	60	1	0.1							

N.T.S. 116 A/4PROPERTY IDA - ORO

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Hg	Cu	TC	
R25124	East side of claims. O/C in Camp creek. (North side) Stockwork of hairline Qz veins in pervasively silica alteration. Qz veinlets are vertical & strike 40°	O/C		15	2	1	5	3	0.1	
R25125	≈ 75 m upstream from 24 10-15 % arsenopyrite w minor calco and pyrite No pyrochloite	Float.		14	6	19	10	1	0.8	
R25126	1-2% sulfides in silica altered seds. Fine & coarse banding	O/C.		21	2	2	20	1	0.7	
R25127	≈ 50% Sulfides (Arseno) in med green rk	Float		14	14	40	5	134	0.1	

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY IDA - ORO

N.T.S. _____

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Hg	Sr	TC	
R25128	TRENCH #47 strike 150°									
R25128	North half, 7m chip. Graded bedding (turbidite) Strike 130° Dip 85° E Minor sulfides.	Chip	7m	191	10	7	5	1	0.4	
R25128	South half 7.5m chip. Same as 2.8 w/ minor zones of bleaching and increased sulfides.	Chip	7.5m	159	6	6	5	3	0.6	
	TRENCH #46 strike 15°									
R25130	Light and Dark banded Sediments (Turbidites) Strike 135 135° Dip 70° E	Chip	2.5m	58	2	1	5	1	0.7	

PROPERTY IDA - ORO

N.T.S. _____

DATE _____

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						SAMPLED BY
				As	Sb	Au	Hg	Sn	Tl	
	TRENCH #50 strike 120° Caution Dynamite									
R25131	Lt & DK banded Metaseds. Slightly bleached. Strike 120° dip vertical 2 small zones of limonite alteration	Chip	5m	83	2	27	5	4	0.5	
R25132	Grab sample from extreme west end of T-50 2cm wide Qz vein w pyrite halo	Grab		139	2	124	5	2	0.1	
	TRENCH #49. Strike 160°									
R25133	Lt & Dark thinly bedded Metasediments Strike 125° Dip 20°E → 65°E	Chip	7m	464	2	41	5	4	0.3	

PROPERTY IDA - ORO

N.T.S. 116 A/4

DATE July 9th/87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					As	Sb	Au	Hg	Sn	Tl							
	TRENCH #48 strike 160°																
R25134	Lt & dk banded Meta Sed's. Minor sulfide rich zones.		chip	6m	154	2	17	5	1	1.1							
R25135	Grab sample of 20cm wide sulfide rich zone.		Grab.	20cm	46	2	14	5	2	0.6							
	TRENCH #43 strike 110° sluffed strike 110°																
R25136	Dark meta sediments Limonite weathering. 20cm fractured clay altered section w arsenic stain		chip	1.5m	865	14	37	60	5	0.5							
	TRENCH #45 strike 100°																
R25137	DK grey-purple Hornfels. minor quartz veins.		chip	4m	69	3	51	20	2	0.9							

PROPERTY IDA-ORO

N.T.S. _____

DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					As	Sb	Au	Hg	Sn	Tl					
	TRENCH #35 strike 270° Contact strike 120° Dip 90°		Chip												
R25138	Feldspar Hornblend Porphyry (Monzonite)		Chip	.8m	183	2	4	10	1	0.7					
R25139	3 Bleached Meta Sediments w 3 dense stockwork of hairline veins (dark black) Strike 300 ¹²⁰ Dip 60°E		Chip	3m	471	3	18	5	1	0.3					
	TRENCH #34 strike 40°														
R25140	Stockwork of hairline black veining (Not as dense as 139) within bleached Meta Sediments. Strike 110° Dip 90°		Chip	4m	634	15	35	1200	1	0.5					
R25141	Trench #51 strike 10° Dark fractured Meta Seds cherty w interbedded coarser sections w 5% po		Chip	6m	460	10	19	40	3	1.0					

PROPERTY IDA - CRO

N.T.S. _____

DATE _____

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Between samples P181 & P182																
R25224	Milky green bot. traced texture with clear green az veins.		Float.														
					As	Sb	Au	Hg	Sn	Tl							
					99999	859	1210	40	4	1.9							
R25225	Arseno vein in sucrose textured Meta sediments (bleached) Green az vein-		Float.														
					As	Sb	Au	Hg	Sn	Tl							
					46434	581	13540	5	125	2.1							

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY IPN CLAIMS - Yukon Canada

N.T.S. 116 A 4

DATE 26th Aug. 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R 20580	strongly silicified, dk. brown - black - hornfelsic - argillaceous Mafic SEDS. ε ≈ 10-15% Py, AsPy, v.f.g. dis. in places.	10-15	%	2M	Au (GTT)										RJ
R 20581	- kg - cg feldspar porphyritic int - felsic lapilli ε 1M wide shear zones - ε lg. plag phenocrysts up to 3cm long = 2% Py, AsPy min throughout ε up to 5% in places - mod - carbonized ε 10-15% mafics - biotite rich in places (sample from 1M wide shear zone.)	2-5%	o/c	1M	<0.07										RJ
R 20582	v. siliceous, v.f.g., mod - well min Py on slip surface (≈ 5% Py) + veining v. rusty, highly broken o/c - dark hornfelsic Mafic SEDS - argillaceous	5%	o/c	2M	0.24										RJ

PROPERTY IDA GRAMS - YUKON GENERAL

N.T.S. 116 A-4

DATE 26th Aug 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R20583	well layered / bedded purplish argillaceous - gossanous siltstone (silicified) + .5M wide v. earthy weathers clay altered sediments. - beds are ~ 1-3M thick 100°/70E - gossanous beds ~ 5% Py min.	5%	0%	3M		Au											RJR
R 20584	Sample taken above R 25224 & R25225 - thinly layered - almost varved in places well mineralized top SEDS - siltstone? - highly silicified with up to 5-10% Py, AsPy - v. rusty on fractured surfaces - zones about tuffaceous?	5-10%	0%	2.5M													RJR
R 20585	- silicified, gossanous, well min Mgt SEDS with up to 10% Py, AsPy - sulphides occur both as blebs & stratiform min. v.g. clss.	10%	0%	3M													RJR

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 116 A - 4

PROPERTY IDA - CLAIMS - Yukon (Canada)

DATE 26th Aug 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY	
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
R 20586	light grey, strongly silicified, well min. with up to 10% Py & Pyrochlore, minor speck of Chalcopyrite - gossanous Magnetite - Silstones	10%	%	3M	0.10											RJ
R 20587	- strongly silicified & gossanous dk. brown - black hornfelsic Magnetite - tr. minor chalc - somewhat crystalline	tr.	%	3M	0.07											RJ
R 20588	- strongly silicified & bleached dk green Magnetite - Silstones - tr. minor Py	tr.	%	3M	0.07											RJ
R 20589	silicified, sugary textured, bleached Magnetite - tr. minor	tr.	%	2.5M	0.14											RJ

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 116 A-4

PROPERTY IDA CLAIMS - Yukon General

DATE 26th Aug 87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R 20590	- talus slope - sugary textured MgFe Seds 3.10M. over fm (R20591 & R20497) (R20497 - Anomalous Au)	-	s/c s/c	3M	0.07								
R 20591	talus slope (s/c) - sugary textured - silicified MgFe Seds somewhat duller lentic than R20590.	-	s/c	3M.	0.14								
R 20592	fractured v.f.g. - silicified, hornfelsic MgFe Seds. - Microcline along slip surfaces.	fr.	v/c	3M.	0.24								
R 20593	Sample 16 R 25224 & R 25225.		Flout		0.21								

PROPERTY IDA CLAIMS - YUKON GENERAL

N.T.S. 116 A-4

DATE 27th Aug 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY	
					Cu	Pb	Zn	Ag	As	Hg	Ac					
R 20594	highly silicified - hornfelsic v. fq siltstone - dk. brown - pyrophyllite → black E minor specks of mm. R ₂ along fractures - gossanous on shaly surfaces	tr-1%	%	3M	34	7	38	0.1	135	10	45					RJ
R 20595	- highly gossanous & silicified, dk. brown pyrophyllite - black hornfelsic siltstone - up to 5% mineralization along laminations? - interlayered with 2-5 mm. thick light green mudstone/claystone. - highly jointed 64/90° ± pseudo-remnant bedding ~ 120/90	tr.	%	2M	89	5	48	0.1	49	15	20					RJ
R 20596																
R 20596	- SAME AS ABOVE but with buff weathered surface leo fracturing/jointing	tr.	%	3M	36	3	33	<0.1	32	10	<5					RJ

PROPERTY IDA Cairns Yukon Central

N.T.S. 116 A-4

DATE 27th Aug 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					Cu	Pb	Zn	Ag	As	Hg	Ac						
R 20597	TRENCH - 4.9, light green, highly fractured, gossimer MgSO ₄ SO ₄ E buff brown weathered surface - no visible sulphides possible = MgSO ₄ Sulfate?	-	ok	3M													R 20597
					32	7	20	CO.1	40	15	10						
R 20598	adjacent to R 20597 - 1M. wide v. strongly silicified, dk black alk. brown - black buff weathered surface - strongly mineralized up to 20% Py, AsPy + Pyrite - red - strongly magnetic - minor qtz - feld. vein - MgSO ₄ Sulfate.	20%	ok	1M	78	3	32	CO.1	1000	5	50						R 20598

PROPERTY IDA

N.T.S. 116 A-4

DATE 27th Aug 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					□	□	□	□	□	□	□	□			
R 20599	v. strongly silicified & altered Mpx Spxs almost a 9/8 - veins & gossanous veins - lots of clay alteration v. dull lustr - lots of hematite tourmaline veins randomly oriented - minor sulphides	fr.	0% - 5%	2M	Cu	Pb	Zn	Ag	As	Hg	Au				RJ
R 20600	- gossanous cherty horizon - mod. mineralized & up to 5% Py, AsPy in places - strongly veined - thinly layered - almost varved	5%	0% - 5%	2M	72	11	53	0.1	42	10	10				RJ
R 16801	- highly silicified & cherty in places Mpx Spxs - well mineralized with up to 20% dill Py, Pyrochlore throughout - strongly magnetic	20%	0%	3M	120	24	24	0.6	76	15	5				RJ

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NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 116 A-4

PROPERTY IDA CLAMS - Yukon GENERAL

DATE 27th Aug 1987

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
R16802	-interlayered - gossanous, med - well mineralized chert + siltstone up to 10% Py, Pyrrhotite - finely layered - med magnetic - highly brecciated - med. Shearred.	10%	o/c	3M.	142	19	28	0.3	24	10	5				RJL
R16803	-gossanous, highly siliceous / cherty argillaceous siltstone - hornfelsic - well min. with up to 15% Py, Pyrrhotite in places 0-3M. of contact ± 7.5 M. with intrusion. contact ≈ 110°	15%	o/c	3M.	61	3	22	0.1	25	10	<5				RJL
16804	Mg - cg porphyritic felsic intrusion - syenitic - strongly altered - easily weathers - biotite blebs in places - gossanous - exhibits concretionary weathering pattern - well min. on slip surfaces with up to 10% Py	1-3% upto 10% in places	o/c	3M.	123	27	48	0.4	15	<5					RJL

G = GEOCHEM A = ASSAY

PROPERTY IDA CLAIMS - Yukon CORNER

N.T.S. 116A-4

DATE 27 Aug 87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					Cu	Pb	Zn	Ag	As	Hg	Ac				
R16805	thinly laminated/bedded cherty MgFe SEDS. - argillaceous in places ± up to 7% Py in places - goossan	7%	o/c	3M	54	5	18	0.1	132	10	<5				RCJ
R16806	10-15 cm wide v. chloritized & vuggy Mg - cgl MgFe SEDS - sandstone? within a cherty goossan argillaceous unit. - fr. Mn.	tr.	o/c	2.5	110	43	19	0.5	27	10	10				RCJ
R16807	host of R16806 - goossan cherty argillaceous MgFe SEDS - siltstone	tr.	o/c	3.1	64	3	68	<0.1	105	<5	10				RCJ
R16808	- goossan, thinly bedded argillite ± well dev. staly cleavages 112°/33°NW 3M sample ⊥ to bedding	-	o/c	3M	173	4	53	0.2	53	5	20				RCJ

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY IDA CLAIMS - Yukon Central

N.T.S. 116 A-4

DATE 27 Aug 87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R16809	v. siliceous - cherty Meta Seds ± buff weathered surface - numerous hairline veins - tourmaline - fr. mm.	fr.	v/c	3.5M	Cu	Pb	Zn	Ag	As	Hg	Ag				RJ
					72	151	0.8	46				105	0.8	46	325 <5
R16810	v. rusty, mod. mineralized, v. fq. diss. Py, Pyrrhotite throughout - up to 5% sulphides - mod - strongly magnetic - highly siliceous - cherty ST-1870WE	5	v/c	3.5M	54	10	32	0.2	15	10	<5				RJ
R16811	- gossanous, mod-well mineralized Py, AsPy Meta Seds - up to 5% sulphides in places - 1-3% throughout - minor chlorite → epidote alteration along slip surfaces.	1-3 up to 5%	v/c	2.5M	70	3	33	0.4	35	10	<5				RJ

PROPERTY IDA CLAIMS - Yukon Central

N.T.S. 116 A-4

DATE 27th Aug 82

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					□	□	□	□	□	□	□	□			
16812	- gossanous - cherty metab. seq. fr. NW similar to R16811.	fr.	1/2	3M	Cu	Pb	Zn	Ag	As	Hg	Au				RJ
					12	5	4	0.1	4	10	<5				
R16813	- well mineralized cherty siltstone with up to 25% diss. Py in places - ~10% Py occur as stratiform mineralization. is	10% up to 25% in places.	1/2	3M	140	<5	22	0.1	362	15	90				RJ
R16814	gossanous, siliceous Magnet. seq. - SILTSTONE - dk brn - block.	fr.	c/c	3M	150	10	34	0.2	344	10	120				RJ
R16815	- well min. v. f. g. det. Py up to 15% sulphides - gossanous, siliceous siltstone.	15%	1/2	3M	200	8	26	0.3	440	<5	25				RJ

PROPERTY IDA CLAIMS - YUEAN GENERAL

N.T.S. 116 A-4

DATE 27th Aug 1982 / 29/8/82

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	G	A	SAMPLED BY	
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
R16816	gossanous, silicified, hornfelsic? dk brown - purple - black Mott Soss - SMT STONE - argillaceous - tr. mineralization	tr.	o/c	3M	145		7		43		0.3		157		10		110	RJR
R16817	well mineralized Py, AsPy, Po with minor sphalerite? - gossanous - up to 25% sulphides in places - mineralization is stratiform & veined - Po occur in blebs - strongly magnetic - overall 10-15% sulphides throughout - Mott Soss - silicified siltstone	10-15% up to 25%	o/c	2.5M	1250		9		68		0.7		1000		5		560	
R16818	- non gossanous zone adjacent to R16817 - well mineralized Py, AsPy ≈ 5%	5%	o/c	2.0M	690		8		32		1.6		1000		15		760	

PROPERTY IDA CAPIMS - Yukon Canada

N.T.S. 116 A-4

DATE 28th Aug 1997

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					□	□	□	□	□	□	□	□			
R16819	M. g. feldspar porphyritic felsic Intrusive - v. weakly carbonatized - biotite showing initial biotite → chlorite ⇒ Epidote alteration. - fr. mineralization - feld porphyries up to 1cm. long.	fr.	o/c	2M	52	15	36	0.2	69	25	5				
R16820	- gossanous, highly silicified and tourmalene veined META SEDS - minor feldspar alteration.	-	o/c	3.5M	24	38	16	0.4	374	360	50				
R16821	Trench - buff brown - creamy weathered - completely altered R. - gossanous in places indicating that sulphides have been weathered out - fr. min. throughout = blebs of sulphides in places - weak - moderately carbonatized	fr.	o/c	3M	73	35	40	0.2	664	95	5				

PROPERTY IDA CLAIMS - Yukon GENERAL

N.T.S. 116-A-4

DATE 28th Aug 87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
R16822	highly gossanous - rusty in places 3m. wide well mineralized zone. up to 10% chn. P_1 , P_2 . - silicified M_{1-2} S_{1-2} - S_{1-2} zone	10%	o/c	3M	160	12	100	0.5	11000	10	110				
R16823	- gossanous 'speckled' M_{1-2} S_{1-2} 2m zone within a well layered siltstone - no visible mineralization	-	o/c	2M.	31	2	100	0.1	39	10	<5				
R16824	- gossanous 3.5M. wide zone - highly silicified, mud sheared siltstone. - lots of tourmaline veins rich in sulphides = 1-3% along veins - veins = 1-3MM. thick	1-3%	o/c	3.5	105	9	32	0.1	11005	<5					

PROPERTY IDA CLAIMS - Yukon GENERAL

N.T.S. 116 A-4

DATE 28/8/87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					□	□	□	□	□	□	□	□			
					Cu	Pb	Zn	Ag	As	Hg	Al				
R16825	- gossanous, silicified well layered & stratiform mineralization defining bedding - up to 15% Py in 2-3 mm. thick beds.	15	o/c	3M.	107	11	32	0.3	576	10	15				RJ
R16826	- gossanous - rusty cherty siltstone tr. Mn.	tr.	o/c	3M	75	8	28	0.2	278	10	<5				RJ
R16827	SAME	tr	o/c	3M	60	<5	17	0.1	28	10	10				RJ
R16828	gossanous, cherty - silicified Mn+ FeDS - siltstone - tr. Py	tr.	o/c	5M.	104	18	18	0.3	60	10	30				RJ
R															

PROPERTY IDA CLAIMS - YUKON GENERAL

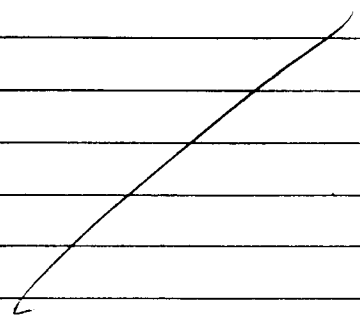
N.T.S. 116 A - 4

DATE 28/8/87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R 16829	cherty Meta Sediments, highly veined brecciated g/b. Veining - no visible mineralization, but weakly gossanous in fracture surfaces	-	o/c	3M.	10	25	4	40	1	5	10	25	RWJ		
R 16830	- gossanous, cherty Meta Sed. - siltsstone - mineralized g/b - tourmalene veining - tr. Py min.	tr.	o/c	3M.	70	9	16	0.1	12	10	25	RWJ			



PROPERTY IOA

N.T.S. 116A/4

DATE Aug 87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
					Ac										
20576	(Gold Sample 25138) Trench 35 0-3.0 m intensely fractured sucrosic hornfels		clay channel	3m	0.14										
20577	Trench 35 3.0-3.5m feldspar porphyritic gran- diorite			0.5	<0.07										
20578	Trench 34 (Gold 25190) 0-1.5m moderately fractured sucrosic hornfels			1.5	<0.07										
20579	Trench 34 1.5-3.3 m			1.8	0.10										
70391	across same area as			1.5m	0.96										
70392	earlier sample 04916 (830ppb) maroon to white hornfelsed sucrosic zone blue dykes camp side of lagoon			1.5m	0.68										

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY 10A

N.T.S. 116A/4

DATE Aug 87

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
					Au (G/T)										
70393	earlier sample 24914 (320 g)		chip channel	1.5	0.41										
70394	maroon hornfelsic meta-seds			1.5	0.45										
70395	earlier 20483 (435 g)		chip	1.5	0.14										
96	north of TR #12			1.5	0.38										
97				1.5	0.21										
70398	above float sample 20484			1.5	2.06										
98	bleached hornfelsic meta-seds extremely siliceous, microfractures & glassy qtz veins 5mm thick density 1/cm, sample 98 has greater density of veinlets			1.5	0.79										



092149

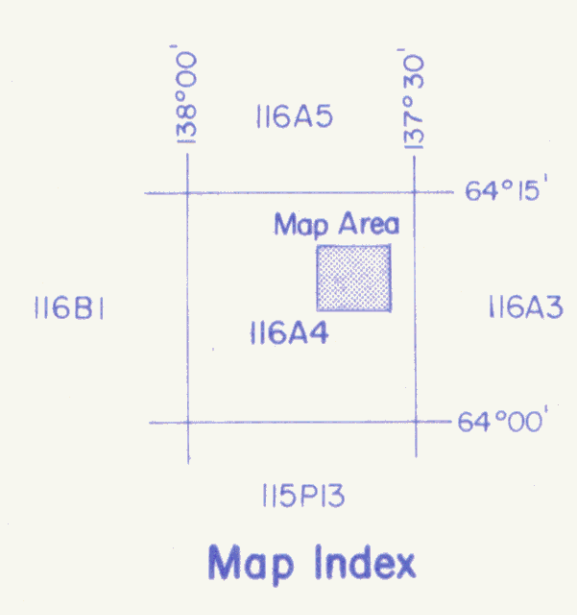
Values in PPB, except where noted.

T	SAMPLE No.	PPB								Au	PPB					
		Cu	Zn	Pb	Ag	As	Sb	Bi	Mo							
01	25142	86	58	6	0.2	380	10	30	25190	200	62	18	0.2	2100	60	80
02	25143	96	64	8	0.2	500	8	90	25191	120	66	24	0.2	1300	32	50
03	25144	78	74	8	0.2	930	8	150	25192	94	66	20	0.2	1100	42	80
04	25145	160	66	12	0.2	930	20	60	25193	350	66	14	0.2	1000	16	40
05	25146	100	74	10	0.2	700	4	20	25194	52	60	18	0.2	700	16	20
06	25147	130	92	12	0.2	460	12	20	25195	42	80	22	0.2	350	30	10
07	25148	100	96	10	0.2	350	8	20	25196	78	76	10	0.2	800	8	30
08	25149	82	78	12	0.2	340	8	10	25197	40	76	24	0.2	670	16	20
09	25150	100	88	10	0.2	340	8	20	25198	74	80	36	0.2	800	14	40
10	25151	120	88	10	0.2	340	8	20	25199	80	78	42	0.2	1000	30	30
11	25152	80	62	8	0.2	420	6	50	25200	20	62	8	0.2	340	4	10
12	25153	120	68	8	0.2	430	6	20	25201	130	110	22	0.2	320	22	20
13	25154	120	74	14	0.2	720	8	20	25202	170	140	32	0.2	410	26	10
14	25155	250	72	12	0.2	530	8	120	25203	66	120	8	0.2	170	10	10
15	25156	56	66	14	0.2	890	8	120	25204	54	82	12	0.2	180	6	10
16	25157	76	58	12	0.2	1400	24	180	25205	56	80	8	0.2	170	6	10
17	25158	72	86	34	0.2	4400	50	70	25206	24	72	8	0.2	160	2	10
18	25159	160	100	20	0.2	4300	36	60	25207	50	74	8	0.2	160	6	10
19	25160	280	110	42	0.2	2100	76	150	25208	42	70	8	0.2	160	6	10
20	25161	330	70	16	0.2	530	34	120	25209	190	72	6	0.2	420	6	20
21	25162	260	78	24	0.2	530	34	120	25210	140	76	18	0.2	560	10	110
22	25163	160	70	28	1.0	1600	42	140	25211	160	66	16	0.2	410	10	90
23	25164	310	120	18	1.0	1700	52	140	25212	110	68	16	0.2	420	12	100
24	25165	490	100	48	1.2	2000	42	140	25213	96	68	20	0.2	410	22	90
25	25166	620	72	22	0.4	2400	22	230	25214	94	74	10	0.2	130	2	170
26	25167	390	70	16	0.4	570	44	280	25215	72	76	22	0.2	610	74	70
27	25168	740	100	30	0.4	420	26	260	25216	110	80	26	0.2	670	12	90
28	25169	260	76	12	0.4	2400	24	430	25217	66	88	12	0.2	350	6	30
29	25170	260	96	18	1.2	2400	24	460	25218	80	76	12	0.2	560	10	140
30	25171	180	78	22	0.2	500	24	430	25219	40	72	8	0.2	220	2	160
31	25172	190	56	19	0.2	460	10	30	25220	220	72	6	0.2	350	4	16
32	25173	120	60	12	0.2	310	10	10	25221	80	74	20	0.2	870	60	90
33	25174	62	64	12	0.2	460	24	100	25222	280	94	40	0.2	1300	60	100
34	25175	120	60	12	0.2	500	10	10	25223	50	62	8	0.2	470	6	60
35	25176	130	80	12	0.2	560	14	130	25224	66	66	14	0.2	370	6	10
36	25177	190	70	16	0.2	420	18	130	25225	120	70	16	0.2	570	10	120
37	25178	70	48	4	0.2	250	16	10	25226	120	260	50	0.2	120	40	120
38	25179	200	42	6	0.2	420	12	18	25227	120	70	16	0.2	570	10	120
39	25180	120	20	0.2	550	22	22	60	25228	40	84	42	0.2	50	24	110
40	25181	130	120	18	0.2	420	12	64	25229	64	80	12	0.2	570	10	120
41	25182	380	84	310	0.8	7000	140	1000	25230	44	76	12	0.2	470	10	120
42	25183	520	120	20	0.8	2400	60	130	25231	10	70	12	0.2	570	10	120
43	25184	180	76	16	0.2	220	18	130	25232	76	16	0.2	220	18	130	
44	25185	220	60	14	0.2	680	24	100	25233	72	74	6	0.2	60	4	10
45	25186	200	60	16	0.2	730	34	130	25234	100	78	8	0.2	60	4	10
46	25187	210	68	12	0.2	500	22	200	25235	48	96	4	0.2	60	4	10
47	25188	200	66	16	0.2	500	22	200	25236	100	78	8	0.2	60	4	10
48	25189	200	66	16	0.2	500	22	200	25237	96	120	8	0.2	50	2	110
49	25190	400	58	14	0.2	1800	52	100	25238	40	70	6	0.2	60	4	10
50	25191	400	58	14	0.2	1800	52	100	25239	26	66	6	0.2	50	2	110



137° 35'

..... SOIL LINE
 - - - - - AU > 100 PPB



092149



REVISED	IDA/ORO Claims 707	
SOIL SAMPLE LOCATION		
PROJ. No.	SURVEY BY: <i>HC GM</i>	DATE: <i>Aug. 87</i>
N.T.S. I16A4	DRAWN BY: <i>AI</i>	SCALE: <i>1:10,000</i>
DWG No.	NORANDA EXPLORATION	
	OFFICE <i>Whitehorse</i>	

Fig. 4

