ARIS SUMMARY SHEET

District Geologist, Smithers — Off Confidential: 89.03.25

ASSESSMENT REPORT 17290 — MINING DIVISION: Omineca

PROPERTY: Pinenut
LOCATION: LAT 55 25 24 LONG 127 31 13
UTM 09 6142682 593656
NTS 093M05E 093M06W
CLAIM(S): Raven 1-6,Silverton 1-2
OPERATOR(S): Noranda Ex.
AUTHOR(S): Myers, D.
REPORT YEAR: 1988, 54 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver,Arsenic,Zinc
GEOLOGICAL
SUMMARY: Quartz-arsenopyrite veins cut a Bulkley granitic stock and nearby, hornfelsed Lower Cretaceous Bowser Lake Group clastic sediments occur.

WORK
DONE: Geochemical
ROCK 17 sample(s) ;ME
Map(s) - 1; Scale(s) - 1:5000
SILT 15 sample(s) ;ME
SOIL 85 sample(s) ;ME
Map(s) - 1; Scale(s) - 1:5000

RELATED
REPORTS: 16601
MINFILE: 093M 038

ASSESSMENT REPORT

GEOLOGY AND GEOCHEMISTRY

PINENUT PROPERTY
Raven 1-6, Silverton 1-2 Claims
Record Numbers 7880-7885, 8254-8255

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS 93 M / 5E, 6W

Latitude 55 degrees 25 minutes N
Longitude 127 degrees 31 minutes W

Work Performed:
30 September to 22 October 1988

NORANDA EXPLORATION COMPANY, LIMITED
(NO PERSONAL LIABILITY)
3A-1750 Quinn Street
Prince George, B.C.
V2N 1X3
Phone 604-562-0022

Report by:
Del Myers, Senior Project Geologist

April 1988

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SUMMARY

Quartz-arsenopyrite veins sampled by P. Huel in 1986 gave gold values up to 0.94 opt (32 gmt) from the Raven 1-6 claims. Follow-up prospecting, geology, and geochemistry was undertaken in 1987 on the Raven and Silverton claims.

Thirty-four man-days were spent on the claims. One hundred fourteen rock, thirty stream sediment, and one hundred fifty-four soil samples were taken over and next to a granite stock with associated quartz-arsenopyrite veins.

Values of up to 0.88 opt (30 gmt) Au, 28.9% As, 3.0 opt (103 gmt) Ag, and 8.36% Zn were obtained from different rock grab or chip samples up to 0.27 m wide. Soil results indicate a significant As-Zn-Mo anomaly. Veins are too narrow and to widely spaced in the area examined in 1987 to make ore. The final twelve man days of work is described in this report.

Further work is recommended in areas above anomalous silt samples, to the west and east of the As-Zn-Mo soil anomalies, and to test high arsenic soils for gold concentrations.

The economic target is Au-bearing mineralization as disseminated or stockwork zones or as wider quartz-arsenopyrite veins.

INTRODUCTION

PURPOSE

Sampling by Paul Huel in 1986 gave high gold values from quartz veins found on the Raven 1-6 claims. The purpose of 1987 work was to investigate this mineralization and locate other mineralization on the property.

This report discusses work done between 30 September and 22 Ocotber 1987.

LOCATION AND ACCESS

The Pinenut property is located is located 22 km NNE of Hazelton, B.C. (Figures 1 and 2). The property lies on the south slope of Sidina Mountain north of Pinenut Creek, a tributary of the Skeena River.

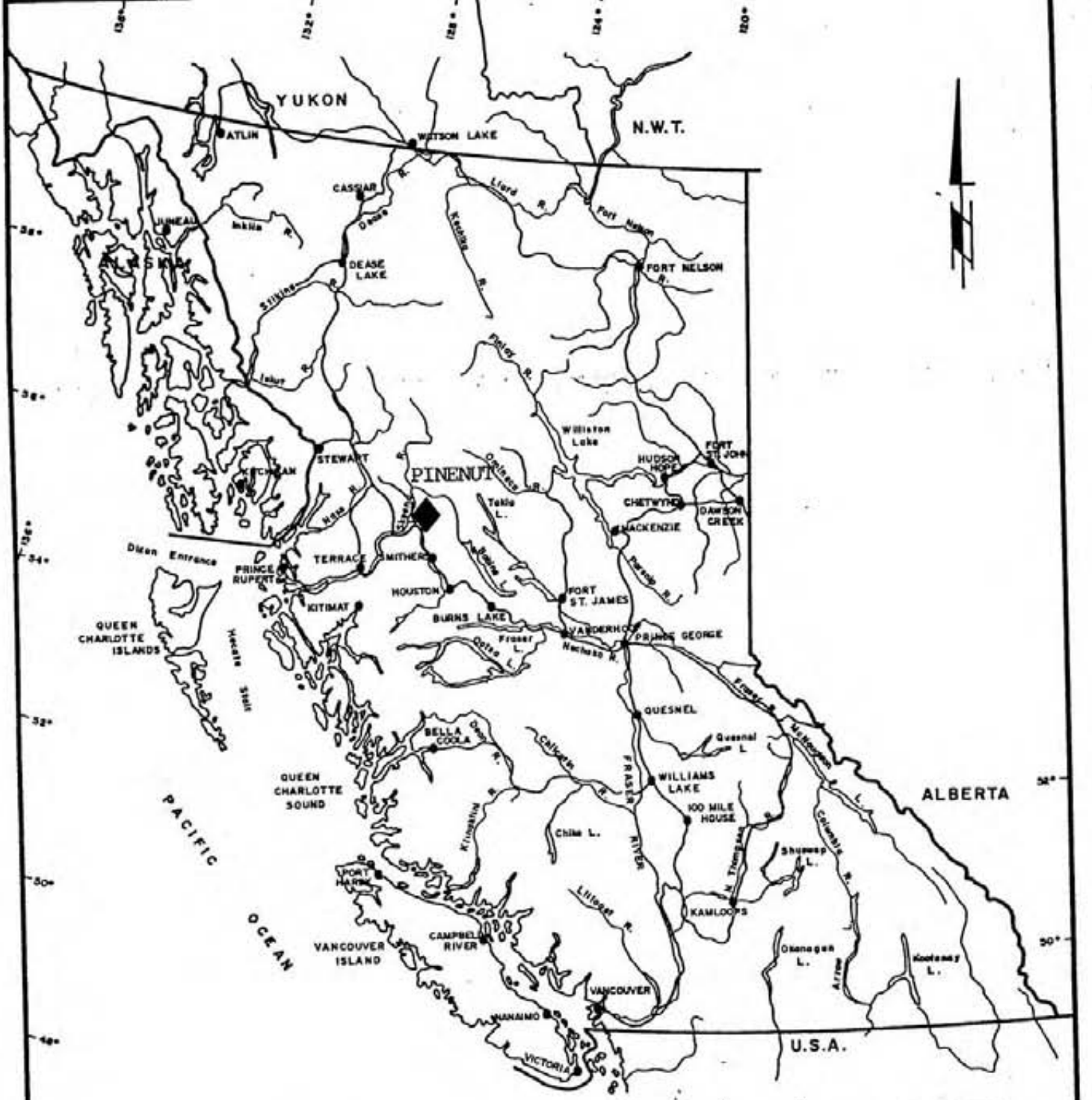
The property covers ground ranging from 1035 m (3400 feet) to 1828 m (6000 feet) in elevation. The claims are covered by balsam-rich forest below treeline and by alpine meadows above treeline, which is about 1524 m (5000 feet) a.s.l.

Access to the property was via logging roads to a clearcut at an elevation of about 760 m (2500 feet) on the south side of Pinenut Creek. From here a helicopter was used to shuttle men, equipment, and supplies onto the property. An old pack trail is supposed to lead to the property along the north side of Pinenut Creek, but it was not used for this work.

Poor weather during the time of this work decreased productivity and increased the use of helicopter time.

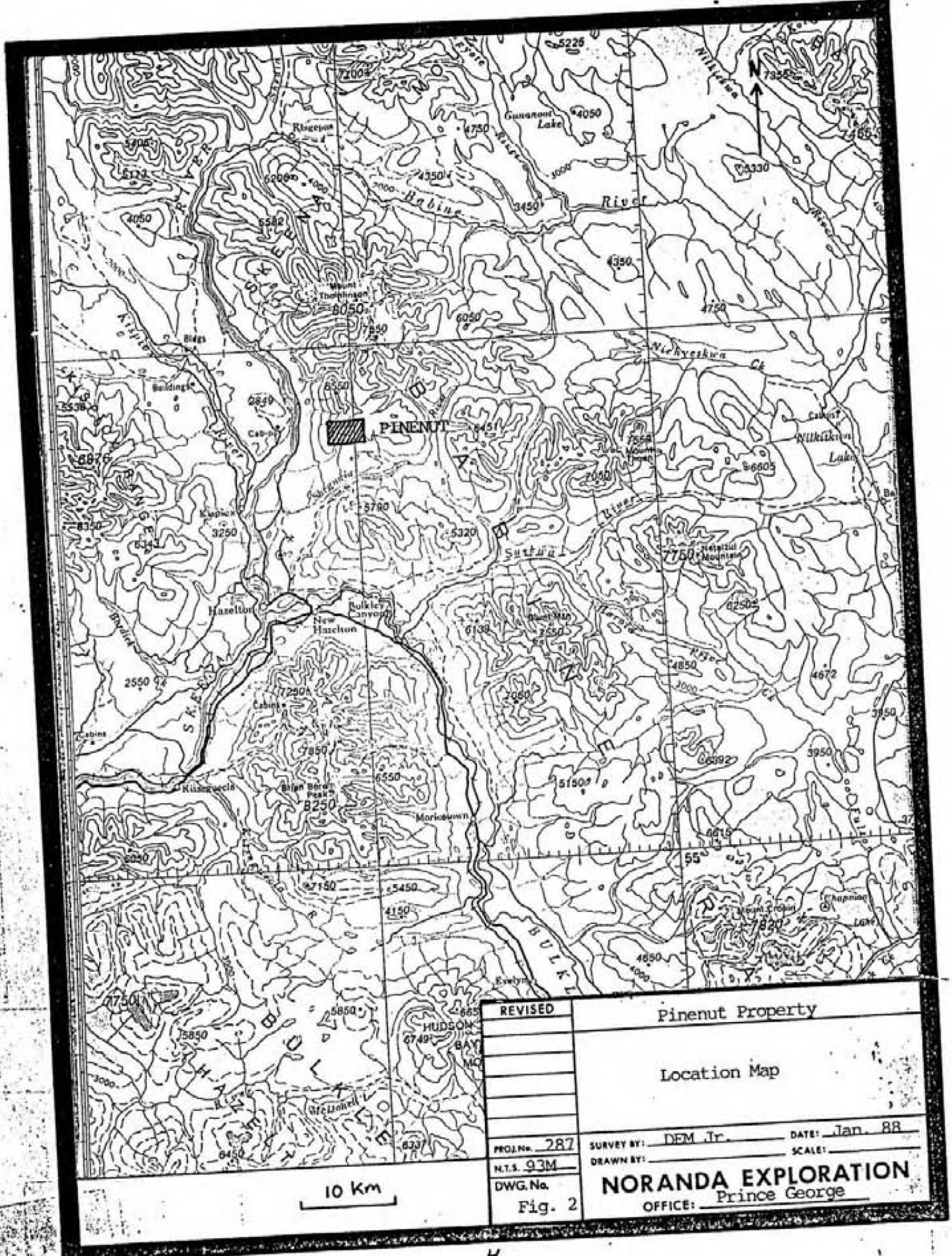
PROPERTY

The property consists of eight claims as listed in Table 1. Noranda Exploration holds an option to purchase the claims from the owner, Paul Huel of Kispiox. The claims are shown on Figure 3. For purposes of filing assessment work the claims were grouped on 3 December 1987 into the Pinenut Group

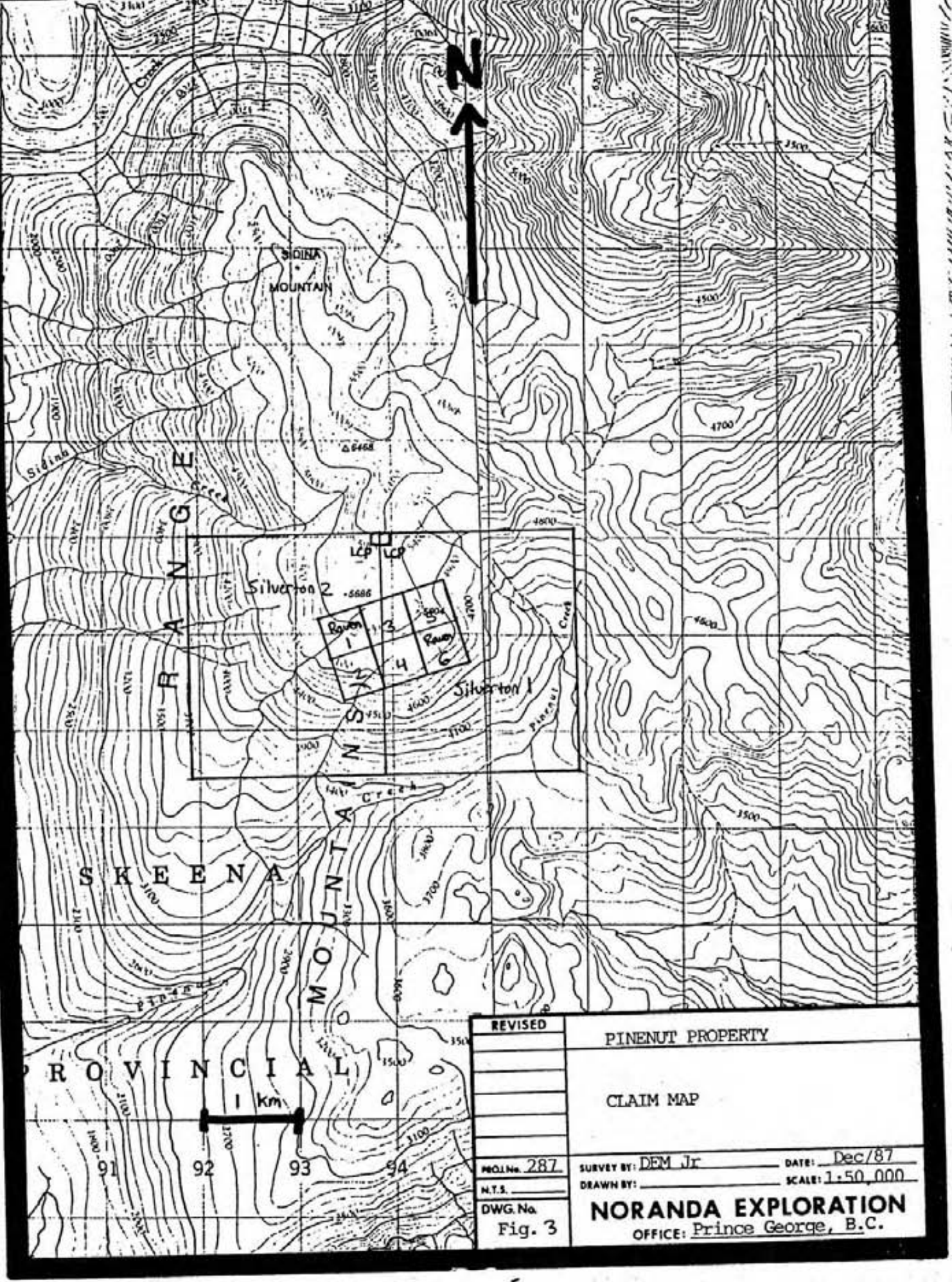


REVISED	PINENUT PROPERTY
	LOCATION MAP
PROJ No. 287	SURVEY BY: dm DATE: Dec/87
N.T.S.	DRAWN BY: S.K.B. SCALE: 1:8,000,000
DWG. No. Fig. 1	NORANDA EXPLORATION
	OFFICE: PRINCE GEORGE, B.C.

VANCAL 11827



REVISED	Pinenut Property
	Location Map
PROJ. No. 287	SURVEY BY: DEM Jr. DATE: Jan. 88
N.T.S. 93M	DRAWN BY: SCALE:
DWG. No. Fig. 2	NORANDA EXPLORATION OFFICE: Prince George



REVISED	PINENUT PROPERTY
	CLAIM MAP
PROJ. No. 287	SURVEY BY: DEM Jr — DATE: Dec/87
N.T.S.	DRAWN BY: — SCALE: 1:50,000
DWG. No. Fig. 3	NORANDA EXPLORATION OFFICE: Prince George, B.C.

Table 1. List of claims, Pinenut Creek property, NTS 93 M/5E,6W

Claim	Rec.No.	Type	Units	Owner	Record Date
Raven 1	7880	2P	1	P. Huel	8 Sept. 86
Raven 2	7881	2P	1	"	"
Raven 3	7882	2P	1	"	"
Raven 4	7883	2P	1	"	"
Raven 5	7884	2P	1	"	"
Raven 6	7885	2P	1	"	"
Silverton 1	7886	MG	20	"	27 Mar. 87
Silverton 2	7887	MG	20	"	"
		total	46 units		

REGIONAL GEOLOGY

The Pinenut property is underlain by Upper Jurassic fluvial and deltaic sediments of the Bowser Lake Group (Tipper and Richards, 1976). The clastic sediments are variably hornfelsed by late Cretaceous, felsic, Bulkley intrusives. The property lies along the northern edge of a broad structural high known as the Skeena Arch within the Intermontaine Belt of the Canadian Cordillera.

Five directions of faults are mapped in the area around Sidina Mt. These have azimuths of about 10, 30, 70, 135, and 160 degrees (Richards, 1980). A north-south striking syncline is mapped on the property as well.

PREVIOUS WORK

No assessment reports are available for any previous work over the area covered by the claim. Old claim posts exist on the claims and many of the veins have been hand trenched some years ago. Showing 93M-38 of the B.C. Mineral Inventory undoubtedly refers to showings examined this August. MMAR 1912 (p.K98) describes the Silverton group after which two of the present claims were named.

Paul Huel collected samples and staked the Raven 1-6 claims during the summer of 1986. His best rock sample (86-PH-H) assayed 0.942 opt Au (32.2 ppm).

An assessment report (Myers, 1987) describes work done on the property in August 1987. Some information obtained then is also presented herein, although the cost statement refers only to costs for work done between 30 September and 22 October 1987.

WORK UNDERTAKEN

All samples were analysed by Acme Analytical Laboratories by either ICP or AA methods depending on the element and the type of sample (see Appendix 5).

Two men spent five days working on the claims from 30 September to 4 October. The move into the property was delayed two days by bad weather and an extra day was needed to remove the camp due to bad weather. A tent floor was built at Camp II (Figure 4).

Two contour soil sample lines at 4200 and 4500' elevation (1280 and 1372 m) were sampled at 50 or 100 m intervals. B-horizon soil samples were taken with soil augers from variable depths of 10 to 90 cm below surface depending on the thickness of the A-horizon. Samples were placed in kraft bags, dried, and shipped to the Noranda Geochemical Laboratory in Vancouver for processing.

These contour lines and more of the area above treeline was prospected. Three rock, fifteen silt, and eighty-five soil samples were taken altogether.

Two man days were spent on 22 October sampling various felsic dikes for mineralization. Fifteen rock samples were taken.

RESULTS

GEOLOGY AND PROSPECTING

Lithologies

Four mappable units have been defined (Myers, 1987) on the property:

Unit 1. (Hf) is variably hornfelsed clastic sediments, gray to black, consisting of contact metamorphosed claystones (S1), siltstones (S2), and sandstones (S3). This unit is folded into a syncline with a N-S axis passing about 300 m east of the Silverton 1 LCP. These are Bowser Lake Group sediments.

Unit 2. (P4) is granite to granodiorite, medium grained, massive, one and two feldspars, quartz, and chlorite after biotite, some sericitic alteration noted, minor pyrite and rare molybdenite mineralization noted (disseminated and fracture coating). This is a Bulkley intrusive.

Unit 3. (H4) is rhyolite and rhyolitic quartz porphyry, white to cream colored, very fine grained except for medium grain quartz phenocrysts in places. Unit 3 cuts units 1 and 2. This is a late stage of the Bulkley(?) intrusive.

Unit 4. (H2) is andesitic dike, fine to very fine grained, dark greenish gray, which cuts units 1 and 2. Age relation to unit 3 is unknown.

Mineralization

Three types of mineralization were noted on the property:

1. Quartz-arsenopyrite-pyrite-sphalerite-galena-tetrahedrite veins up to about 30 cm wide with some mineralization found as narrow halos in the wall rock. These veins are best exposed and most common in unit 2 granites but are also common in nearby hornfels.

2. Rusty hornfels and hornfels with pyrite-pyrrhotite pods or blebs, no particular association to quartz-arsenopyrite veins noted.

3. Molybdenite and molybdenite-pyrite-pink feldspar fracture coatings in granite (unit 2).

Figure 4 shows a 700 x 350 m granitic stock which is cut by rhyolitic dikes and surrounded by hornfels (not mapped). Several quartz-arsenopyrite veins are mapped over lengths of 50 to 100 m and have strikes of 90 and 160 degrees. Other strikes noted from smaller veins are about 20, 45, 70, and 110 degrees. Dips range from about 40 to 70 degrees, although one vein striking 110 degrees had a dip of 18 degrees.

Quartz-arsenopyrite mineralization is centered about 1200 m south of the Silverton 1 LCP, coincident with a granite stock. The iron sulfide in hornfels mineralization is peripheral to this. The distribution of molybdenite mineralization is not known with confidence.

ROCK GEOCHEMISTRY

One hundred fourteen rock samples were analysed at Acme Analytical Labs for 16 or 30 elements by ICP methods. Samples are described in Appendix 4. The results are given in Appendix 5 and Figure 4. Statistics on some elements analysed are as follow:

Element	Low Value	Sign. Value*	High Value	% > Sign. Value
Mo	.001%	.1 %	.012%	0 %
Cu	.01	.2	.62	2
Pb	.01	1.0	2.16	2
Zn	.01	1.0	8.36	10
Ag	.01 opt	1.0 opt	3.09 opt	19
Au	.001opt	0.02opt	.882opt	51
As	.01 %	1.0 %	28.9 %	58
Sb	.01	.5	.84	1

*significant value - economically or environmentally significant

Inspection of the values above shows that the main economic interest on the property is for Au-As mineralization with some values for Ag-Zn also.

Examination of Figure 4 shows a wide distribution for significant Au and As values in rock samples and possibly a more restricted distribution of significant Ag and Zn values more or less coincident with the baseline.

Rock samples with high Au values (+3.4 ppm, 30 samples) are generally from samples from high sulfide contents (usually 10% or more) or from narrow veins (27 cm or less). Such rock is not common enough in the area gridded to make an ore deposit. Because of this it seem the likely economic potential on the property is for high grade veins rich enough for underground

mining or mineralized stockwork zones suitable for open pit mining in areas outside the gridded area.

STREAM SEDIMENT GEOCHEMISTRY

Sample locations are shown on Figure 5. Analytical reports are given in Appendix 5.

Of the thirty silt samples analysed by Acme for 30 elements by ICP and for Au by AA the following values were obtained:

Element	Low	Threshold	High	# > Threshold
Mo	1 ppm	10 ppm	31 ppm	3
Cu	23	100	92	0
Pb	10	25	122	7
Zn	100	250	760	7
Ag	.1	1.4	1.7	1
Au	.001	.020	.320	3
As	9	100	1477	13
Sb	2	10	24	3
W	1	10	21	2

Threshold values are selected on the basis of past experience. Gold silt anomalies are somewhat less frequent than the rock geochemistry results would indicate, while lead silt anomalies are more frequent.

All the silt anomalies are located downstream from known mineralization except for several peripheral anomalies 26826, 92615, 92622, 92623, and 99144 (Figure 5). Prospecting and soil sampling should be extended to cover their source areas.

SOIL GEOCHEMISTRY

One hundred fifty-four B-Horizon soil samples were analysed by Acme for 30 elements by ICP plus Au by AA with the following important results:

Element	Low	Threshold	High	# > Threshold
Mo	1 ppm	10 ppm	34 ppm	30
Cu	18	100	200	6
Pb	4	50	161	5
Zn	58	250	1109	33
Ag	.1	1.4	7.1	11
Au	.001	.020	.053	2*
As	10	100	1911	82
Sb	2	10	11	3
W	1	10	38	4

* only analysed for 69 samples

The threshold values again were chosen from past experience and are almost identical to those chosen for silt samples. As, Zn, and Mo soil anomalies are common in the area sampled.

Molybdenum anomalies are more frequent than would be predicted of the basis of rock analyses, while Au and Ag anomalies are less frequent than would be predicted. Possible reasons for this include:

1. Molybdenum mineralization is more widespread and Au and Ag mineralization is less widespread than predicted by rock sampling due to rock sampling bias.

2. High background levels or large sources for Mo in the area and low background levels or small sources for Au and Ag.

3. Low Au and Ag mobility, high Mo mobility resulting in misleading soil results.

Figure 5 shows that As soil anomalies are most widespread, covering an area 1.8 x 1.0 km open to the west and possibly the east. Zn and Mo soil anomalies are more restricted. Further soil sampling should be done to extend and better define these anomalies along with prospecting on contours or tied in to an extended grid.

Further analytical work should be done to check that soils are truly not anomalous in gold. If the large arsenic soil anomaly should be correlated with a gold soil anomaly then the property would merit a more extensive program.

CONCLUSIONS

A large number of quartz-arsenopyrite-sphalerite veins are found in and around a granitic Bulkley intrusive and surrounding hornfelsed Bowser Lake Group sediments.

High grades for Au-As-Ag-Zn mineralization occur, but over narrow widths (less than 0.3 m). One grab sample (26801) of a quartz-pyrite-arsenopyrite vein assayed 0.882 opt (30.2 gmt) gold and 2.28 opt (78.1 gmt) Ag. The best chip sample (26755) assayed 0.82 opt (28 gmt) Au over 27 cm with 3.09 opt (105 gmt) Ag. Minor mineralization occurs in narrow selvages beside the veins. The veins, however, are too narrow and too far apart to be of economic interest in themselves in the area mapped.

Silt sampling to date indicates As-Pb-Zn anomalies in the area of the Raven 1-6 claims and above. Source areas including and beyond the area soil and rock sampled in 1987 are indicated.

Soil sampling indicates a significant As-Zn-Mo anomaly on the Raven 1-6 claims. The number of Au and Ag soil anomalies is low. This maybe due to lack of bedrock anomalies or to some problem with precious metal dispersion. The As soil anomalies occur over an area 1.8 x 1.0 km open to the west and possibly to the east.

RECOMMENDATIONS

1. Further work should be directed to locating additional Au mineralization as lower grade, large tonnage disseminated or stockwork zones or as higher grade veins of greater width than found so far on the Raven 1-6 claims.

2. Prospecting and soil sampling in the areas above silt samples 26826, 92615, 92622, 92623, and 99144 is recommended.

3. Further analytical work should be done to test high arsenic soils for gold concentrations. It is surprising in light of the high arsenic concentrations in rocks mineralized with gold, that there are so few soil gold anomalies when there are so many arsenic soil anomalies.

REFERENCES

- , 1913. "Silverton Group" in Minister of Mines Annual Report 1912. Victoria, B.C., pp. K98-99.

Myers, D., 1987. Assessment Report; Prospecting, Geology, and Geochemistry; Pinenut Property. Noranda Exploration Co., Prince George, B.C., 12 pp. + appendices.

Richards, T.A., 1980(?). Geologic map, Hazelton, B.C., NTS 93M, GSC Open File 720, Ottawa, Ont., 1 sheet.

Tipper, H.W. and Richards, T.A., 1976. Jurassic Stratigraphy and History of North-Central British Columbia. GSC Bulletin 270, Ottawa, Ont., 73 pp.

APPENDIX 1. List of personnel, Pinenut property, September -October 1987

Name Address	Position	Days in Field	Man-days
Brian Enns Mackenzie, BC	Assistant	22 October	1
Paul Huel Kispiox, BC	Prospector	30 Sept.-4, 22 Oct.	6
Grant Malensek Vancouver, BC	Geologist	30 Sept.-4 Oct.	5
		total man-days	12

APPENDIX 2. Statement of Costs

Field Personnel			
12 man-days at $140 =			$ 1680
Food and Accommodation			
12 man-days at $20 =			240
Truck Rentals			500
Helicopter Support			
6.8 hours at $480 =			3264
Equipment and Supplies			
12 man-days at $20 =			240
Laboratory Analysis			
17 rocks, 30 element ICP geochem	@ $9.00		153
and Au by AA	@ 4.25		72.25
85 soils, 30 element ICP geochem	@ 6.75		573.75
15 silts, 30 element ICP geochem	@ 6.75		101.25
and Au by AA	@ 4.25		63.75
Report Preparation			
1 man-day @ $250			250
Management			
1 man-days at $300			300
	total		$ 7438

Delbert E. Myers, Jr.
Senior Project Geologist
7 April 1988

APPENDIX 3. Statement of Qualifications

Relevant Training

B.Sc. (1970) Pennsylvania State University
University Park, Pa., USA
Geological Sciences

M.Sc. (1973) University of Toronto
Toronto, Ontario, Canada
Geochemistry

Relevant Experience

1973 - 1980 Exploration and Mine Geologist
Cominco Ltd.
Vancouver and Yellowknife

1980 - 1982 Exploration Geologist
Noranda Exploration Co., Ltd.
Yellowknife, N.W.T.

1982 - 1983 Exploration Geologist
Noranda Exploration Co., Ltd.
Smithers, B.C.

1983 - Exploration Geologist
Noranda Exploration Co., Ltd.
Prince George, B.C.

Professional Affiliations

Fellow, Geological Association of Canada

Member, Association of Professional Engineers, Geologists, and Geophysicists of the Northwest Territories

Member, Canadian Institute of Mining and Metallurgy

The work reported herein was done under my supervision.

Delbert E. Myers, Jr.
Senior Project Geologist
7 April 1988

APPENDIX 4. Sample reports, Pinenut property, 1987

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93-M-5/6

PROPERTY Pinenut Creek

DATE Aug 14/87

ROCK SAMPLE REPORT

PROJECT ______

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au (opt)	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
19612	9874E 9750N QTZ - 4cm, As, Py + [illegible] footwall	1%	CHIP	50cm	.003							R.D.
19613	16m Azi 270 FROM 9750N 9900E, ALTERED, FRACTURED DYKE	1%	CHIP	80cm	.001							"
19614	MASSIVE As, Py FROM 12cm pod from zone [illegible] 19613	100	GRAB	—	.167							"
19615	38m Azi 56° FROM 9750N 9900E, SHEAR ZONE BY DYKE	1%	CHIP	1.0M	.001							"
19616	24m Azi 230° FROM 9650N 9900E, SHEAR [illegible] (py)	1% py	CHIP	65cm	.004							"
19617	[illegible] Azi 110° FROM 9650N/B.L. [illegible]	1% py	GRAB	—	.001							"
19618	44m Azi 160° FROM 9550N/BL, SMALL [illegible], py pod	2% py	GRAB	—	.002							"
19619	9250N 9846, QTZ veinlets [illegible], py veinlets	2-90	FLOAT/GRAB	—	.112							"
19620	9250N/1800E, [illegible] veinlets qtz, [illegible]	5-20	FLOAT/GRAB	—	.264							"
19621	26m AZI 210° FROM 9650N/9750E QTZ VEIN (AS, PY)	65	CHIP	15cm	.173							"
19622	32m AZI 235 FROM 9250N/9750E QTZ VEIN (AS, PY, [illegible])	63	CHIP	25cm	.171							"
19623	FOOTWALL FROM SAMPLE 19622, [illegible]	2 py	CHIP	30cm	.010							"
19624	50m AZI 225° FROM 9250N/[illegible] As, py	40	CHIP	16cm	.312							"
19625	F[illegible] #19624, [illegible]	~1%	CHIP	75cm	.004							"
n=14	SAMPLE #s 19612, 13, 15, 16, 21, 22, 23, 24, 25 Au, Ag by FIRE ASSAY											
	SAMPLE #s 19614, 17, 18, 19, 20 14 ELEMENT ICP + Au by H.H.											
n=14												

G = GEOCHEM A = ASSAY

Box #1

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M/16

PROPERTY [illegible]

DATE AUG 17/87

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au (opt)	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
19651	QTZ, [illegible], pyrite	25	Float		.011							PH
19652	QTZ, [illegible]	35	[illegible]		.001							"
19653	pyrite, arseno[illegible]	5	[illegible]		.001							"
19654	[illegible]	10	[illegible]		.006							"
19655	[illegible]	30	[illegible]		.001							"
19656	QTZ, [illegible]	–	[illegible]		.010							"
n=6												

G = GEOCHEM A = ASSAY

Box 2

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M/5,6

PROPERTY Pinenut Creek

DATE 15 Aug. 87

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% sulfide	TYPE	WIDTH cm	opt Au	ppb Au	ASSAYS					SAMPLED BY
19657	py qz as	75	rock	20	.364							P Huel
8	qz sp as py 20cm	85	"	grab	.242							
9	qz py as	90	"	5	.533							
19660	qz as sp py	75	"	5	.017							
1	alt rock, py	20	"	grab	.004							
2	alt rock, py, kaolin, limonite	20	"	grab	.063							
3	alt rock, py	10	"	grab	.001							
4	qz, py, as, tetrahedrite, sp	50	"	10	.023							
5	qz as py limonite	25	"	10	.025							
6	camp creek elev. 1450m just before fork		silt			29						
7	alt. rock, py	25	rock	grab	.012							
8	float - sp py as qz	50	"		.018							
9	alt. rock, py	25	"	grab	.001							
19670	E fork camp creek elev. 1450m		silt			16						
n=14												
n=14												

NORANDA EXPLORATION COMPANY, LIMITED

$0.00

N.T.S. 93 M 5/6

PROPERTY Nova Claims

DATE Aug 17/87

PROJECT Nova Claims

ROCK SAMPLE REPORT opt

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
19671	pyrite, calc sed, arsenic	20	grab		.001							PH
19672	QTZ pyrite, arsenic	25	grab		.195							"
19673	QTZ, pyrite, arsenic	80	grab		.131							"
19674	QTZ, pyrite, arsenic	70	grab	10	.179							"
19675	QTZ arsenic pyrite	80	chip	10cm	.056							"
~~26801~~	~~QTZ pyrite~~	~~90~~	~~grab~~	~~10~~								~~"~~
	# 19675 Au, Hg by Fire Assay											
	#19671, 72, 73, 74, 26801	14 Element ICP + Au by A.A.										
n=5												

G = GEOCHEM A = ASSAY

Box 1

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M 5+6

PROPERTY FINLAYSON DATE 14 Aug. 87

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au opt	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14676	QTZ PY, MSPY	35%	CHIP	35cm	.019							T.B.
14677	HW VOLCANICS CHLY HIT INT SILR	5%	CHIP	35cm	.011							T.B.
19678	QTZ, PY, ASPY	10%	CHIP	6cm	.007							T.B.
14679	QTZ, PY	40%	CHIP	7cm	.001							T.B.
n=4												

G = GEOCHEM A = ASSAY

Box 2

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M-5/6

PROPERTY PINEAUT

DATE AUG 15/87

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ opt Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
19680	QTZ, CAL, ZN, PY, ASPY	40%	CHIP	15 cm	.031							T.B
19681	PY, MANG	70%	GRAB		.001							T.B.
19682	PY, PO, MANG	75%	GRAB		.001							T.B.
19683	QTZ, CAL, PY, ASPY	40%	GRAB		.077							T.B.
19684	PY, PO, MANG	40%	CHIP	50 cm	.001							T.B.
19685	PY, PO	50%	GRAB		.001							T.B.
19686	PY, ARSENIC ALT.	25%	GRAB		.001							T.B.
19687	QTZ, PY, ASPY		TALUS		.034							T.B.
	19680, 84 Au, Ag by FIRE ASSAY											
	19681, 82, 83, 85, 86, 87 14 ELEMENT ICP + Au by A.A.											
n = 8												

G = GEOCHEM A = ASSAY

6014

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M-5/6

PROPERTY Pinenut Creek

DATE Aug 17/87

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au opt	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
19688	Py, Po pod in alt seds.	50%	CHIP	50cm	.001/4							T.B.
19689	Qtz, Py, AsPy, mineralized wall rock	70%	CHIP	15cm	.258							T.B.
19690	Qtz, Py, AsPy, Cu	75%	GRAB		.084							T.B.
n=3												

G = GEOCHEM A = ASSAY

Box 1

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M-5/6

PROPERTY PINENUT CREEK

DATE AUG 15/87

ROCK SAMPLE REPORT opt

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
26751	37m Azi 354° FROM 9150N/BL. QTZ @ AS, PY	5	CHIP	5cm	.085							RD
26752	WEATHERED FELSIC INTRUSIVE - FOOTWALL of 26751	tr.	CHIP	40cm	.005							"
26753	8.5m Azi 100° FROM 9000N/BL. QTZ @ AS, PY	10	CHIP	7cm	.298							"
26754	SILICIFIED INTRUSIVE - FOOTWALL of 26753	tr.	CHIP	35cm	.007							"
26755	6.5m Azi 290° FROM 9000N/BL. 11cm vein @ AS, PY + 16cm footwall	20	CHIP	27cm	.820							"
26756	10m Azi 244° FROM 9000N/BL. QTZ @ AS, PY	20	CHIP	12cm	.330							"
26757	14.5m Azi 210° FROM 9000N/BL. QTZ @ AS, PY	60	CHIP	6cm	.135							"
26758	17m Azi 24° FROM 8700N/BL. QTZ, carb @ AS, PY	5	CHIP	20cm	.359							"
26759	20m Azi 350° FROM 26758 (same vein) QTZ @ AS, PY	15	CHIP	17cm	.146							"
26760	60m Azi 354° FROM 8850N/BL. QTZ veinlet in intrusive	30	CHIP	16cm	.081							"
26761	12m Azi 360° FROM 8600N/BL. CARB. SHEAR in sest.	.2	CHIP	20cm	.002							"
26762	8705N 10005E QTZ FLOAT @ AS, PY	30	FLOAT/GRAB	—	.153							"
26763	31m Azi 25° FROM 8850N/BL. QTZ @ AS, PY	5-10	CHIP	22cm	.308							"
26764	15m Azi 170 FROM 26758 (same vein) QTZ @ AS, PY, GAL	40	CHIP	11cm	.337							"
26765	24m Azi 350° FROM 9000N/BL. QTZ @ AS, PY	5	CHIP	10cm	.147							"
	(Possible Extension of vein of 26753											
n=15												

G = GEOCHEM A = ASSAY

Box 2

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M-5/6

PROPERTY Pinenut Creek

DATE Aug 16/87

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au opt	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
26766	22m AZ° 164° FROM 8500N/RC. QTZ @ py, AS.	10	FLOAT/GRAB	—	.550							R.D.
26767	16m UP CREEK FROM 8500N - CONTACT ZONE	.2	CHIP	1.45M	.033							"
26768	224m UP CREEK FROM 8500N - WEAK STOCKWORK	.5	CHIP	.73M	.042							"
26769	" " GRANITE AFTER 26768 WITH MIN. QTZ.	Tr.-.5	CHIP	1.0M	.055							"
26770	" "	tr.	CHIP	1.0M	.003							"
26771	" " " @ 5cm QTZ veinlet, minor py	tr.	CHIP	1.0m	.002							"
26772	" " " @ 3cm QTZ veinlet @ AS, py	.2	CHIP	1.0M	.068							"
n = 7												

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M - 5/6

PROPERTY PINENUT CREEK

DATE AUG 17/87

ROCK SAMPLE REPORT opt

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
26773	QTZ veinlet @ As, PY	5	CHIP	16cm	.073	Au, Ag	by	FIRE	ASSAY			R.D.
n=1												

G = GEOCHEM A = ASSAY

(15)

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M / 5E 6W

PROPERTY Pinenut

DATE 22 Oct. 87

ROCK SAMPLE REPORT

PROJECT 287

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐ Au ppb	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
26785	Felsic dike w. 1% py, qtz rich	1	chip	2m		2						PHuel
26786	Felsic dike w. 1% py	1	chip	3.2		11						"
26787	Felsic dike w. py > 1%	1+	chip	3.5		6						"
26788	sandstone w. quartz, po, aspy	2	chip	2		15						"
26789	Felsic dike w. qtz eyes (rhyolitic)	nil	chip	4		1						"
26790	10cm vein - qtz arsen, tetrahed.,	5	chip	0.1m		173						"
	py, sp, strike 065°/ 35°NW dip					.						
26791	Felsic dike w 5-10cm veins of qzt	2	chip	0.2		12						"
	aspy, py											
26792	rhyolitic dike, > 1% py	1+	chip	4		3						"
26793	Felsic dike > 1% py	1+	chip	3		5						"
26794	Felsic dike	nil	chip	2.5		47						"
26795	diorite beside vein, dissem py	1	chip	2		8						"
26796	sediment of W side of vein, limonitic	neg.	rock	grab		3						"
26797	Felsic dike w. 1% pyrite	1	rock	8		8						"
26798	Felsic dike w. py, aspy, sericite	2	chip	1		7						"
	from center of 26797 + much more altered											
26799	diorite & Felsic intrusive w. sericite &	1/4	chip	5m wide		2						"
	Minor py, around vein, w. qtz veinlets											
n=15								dun	20	Nov.	87	

G = GEOCHEM A = ASSAY

Box #4

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M/5,6

PROPERTY Pinenut - Raven claims

DATE 17 Aug. 87

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS opt Au							SAMPLED BY
26801	qtz - pyrite - arsenopyrite, 10cm wide	rock	grab	.882							P Huel
n=1											

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M 6E 6W

PROPERTY Silverton Claims / Pinenut Ck

DATE 1987-10-03

ROCK SAMPLE REPORT

PROJECT 287

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐ ppb Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
26826	Silverton claims 4200 Ft elev		Silt			4						PH
26827	" "		"			2						PH
26828	" "		"			1						GM
26829	" "		"			3						GM
26830	" "		"			1						GM
n=5												

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M/5,6

PROPERTY Pinenut Creek - Raven, Silverton - Sidina Mtn. DATE 6 Aug. 87

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS opt Au	ASSAYS ppb Au	SAMPLED BY
76162	0m silt 3800', main creek, dry	silt			18	DEM Jr, PH
76163	8m cobble qz CO_3 gn intrusive	rock	grab	.003		"
76164	130m o/c porphyry - wht fsp-chl por- cc alt	rock	grab	.001		"
76165	502m silt 4130', main creek, small canyon	silt			101	"
76166	683m 4225' rusty intrusive o/c	rock	grab	.001		"
	w. qz, py, as?					
76167	936m rusty talus fines, treat as rock	talus fines	grab	.001		"
	4405'					
76168	970m top of 5m falls, rusty veinlet, 7 cm thick	rock	grab	.073		"
	qz py as, ankeritic halo, 105°/48°N					
76169	1023m 4 cm qz as py vein in P_4	rock	grab	.110		"
	4545', 354°/52°E					
76170	1036m sample of typical P_4 hoe, o/c	rock	grab	.001		"
76171	1042m 10+ cm vein, py-qz-as, in creek	rock	grab	.050		"
	maybe thicker, poor exposure, 134°/47°E,					
	30 cm on other side					
76172	1045m vein 337/26 NE as py qz	rock	grab	.479		"
76173	1042m on rt. hand side, 60cm ± true width?	rock	chip	.040		"
76174	1081m, 15+ cm qz-as vein, 22/56°E	rock	chip	.009		"
76175	1101m, hand trench, chip 40+ cm of very wth.					
	Fe Qz As material, 4640'	rock*	chip	.014		"
n=14					dm 26 Nov 87	

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M SE 6W

PROPERTY Silverton Claims (Pinenut Ck)

DATE OCT 1/87

ROCK SAMPLE REPORT

PROJECT 287

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐ ppb Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
92614	pyrite pyrrhotite, hornfels	40	float(?)			930						P.H.
92615	Silt 4500' ELEV		SILT			320						"
92616	ALT SED, pyrite, arsno	30	GRAB			.7						"
92617			SILT			1						"
92618			SILT			1						PH
n=5												

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93M SE/6W

PROPERTY Silverton Claims / Pinenut creek

DATE OCT 2

ROCK SAMPLE REPORT

PROJECT 287

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐ ppb Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
92619	Silverton Claims		SiLt			1						PH
92620	Silverton Claims		Si Lt			6						"
92622	"		Si Lt			1						"
92623	"		Si Lt			2						"
92629	"		Si Lt			1						"
92625	Silverton Claims		Si Lt			3						PH
n=6												

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M/5,6

PROPERTY Pinenut Creek - Raven, Silverton Claims - Sidina Mtn.

DATE 6 Aug. 87

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	opt Au	ppb Au	~~ASSAYS~~					SAMPLED BY
99135		silt			2						RD, TB
6		"			2						"
7		"			1						"
8		"			1						"
9		"			1						"
99140		"			1						"
41		"			2						"
2		"			1						"
3		"			1						"
4		"			lost						"
5		rock		.001							"
6		"		.002							"
7		"		.042							"
8		"		.315							"
9		"		.001							"
99150		"		.249							"
n=16							jm	26	Nov.	87	

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93 M/5, 6

PROPERTY Pinenut Creek - Raven, Silverton claims - Sidina Mt. DATE 6 Aug. 87

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS opt Au	ASSAYS ppb Au						SAMPLED BY
99201	1152m, 5cm qz-py-as vein in hornfels in creek	rock	grab	.036							DEMJr, PH
	130/42 NE										
99202	1241m 5cm py-as-qz vein, 4745'	rock	grab	.112							"
	climb out of creek canyon here										
99203	silt, 4960', just beyond (below?) silt 8786	silt			1						"
n=3							dm	26	Nov.	87	

APPENDIX 5. Analysis reports, Pinenut property, 1987

Pinenut (DM) 8708-077

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

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 13 1987 DATE REPORT MAILED: Aug 23/87 ASSAYER. D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VANCOUVER) PROJECT-8708-077 240 File # 87-3271

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
76162	17	48	48	235	.9	11	10	916	3.43	567	5	ND	5	25	2
76165	31	92	122	460	1.7	15	16	1544	5.22	1477	5	ND	6	39	5
099135	1	27	18	121	.1	13	13	1429	5.18	22	5	ND	1	41	1
099136	1	34	17	127	.1	14	13	1112	5.09	16	5	ND	2	49	1
099137	1	37	18	115	.2	14	12	936	4.62	9	5	ND	2	69	1
099138	1	35	14	117	.1	14	12	945	4.91	14	5	ND	1	48	1
099139	1	25	15	121	.1	13	12	1405	4.58	19	5	ND	1	32	1
099140	2	25	19	123	.2	13	13	2270	4.77	17	5	ND	2	34	1
099141	1	34	19	114	.1	15	13	1153	4.66	21	5	ND	2	27	1
099142	2	28	18	120	.1	13	15	1286	5.15	50	5	ND	2	41	1
099143	1	41	19	117	.1	16	15	1118	4.48	38	5	ND	2	34	1
099203	4	60	80	628	.3	12	17	2113	5.13	770	5	ND	4	27	7

SAMPLE#	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
76162	11	3	23	.24	.053	15	13	.43	62	.01	2	1.12	.03	.14	4	18
76165	23	6	25	.30	.063	14	11	.43	76	.01	7	1.28	.02	.09	5	101
099135	2	2	39	.33	.077	8	10	.62	121	.01	2	1.98	.02	.05	1	2
099136	2	2	38	.44	.068	8	10	.67	122	.01	2	2.02	.03	.05	1	2
099137	2	2	42	.52	.073	8	12	.65	124	.01	2	1.74	.03	.05	1	1
099138	2	2	36	.43	.069	8	10	.67	108	.01	2	1.90	.02	.04	1	1
099139	2	2	37	.35	.067	8	10	.55	126	.01	2	1.97	.02	.03	1	1
099140	2	2	38	.36	.071	8	10	.52	130	.01	2	1.98	.02	.05	1	1
099141	2	2	37	.32	.061	9	12	.61	89	.01	3	1.85	.03	.05	1	2
099142	2	2	39	.41	.064	9	11	.57	101	.01	2	1.77	.02	.05	1	1
099143	2	2	38	.43	.072	10	12	.63	88	.01	3	1.74	.03	.04	1	1
099203	24	2	38	.33	.087	10	16	.58	76	.01	2	1.69	.04	.11	21	1

Silt n = 12

file

cc: file; 2SE

RECEIVED AUG 2 1987

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

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK

DATE RECEIVED: AUG 13 1987 DATE REPORT MAILED: Aug 27/87 ASSAYER: ..DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VANCOUVER) PROJECT-8707-077 240 File # 87-3271A

SAMPLE#	MO %	CU %	PB %	ZN %	AG OZ/T	NI %	CO %	MN %	FE %	AS %	U %	TH %	CD %	SB %	BI %	AU OZ/T
76163	.001	.01	.28	1.53	.13	.01	.01	.13	1.05	.13	.002	.01	.02	.01	.01	.003
76164	.001	.01	.01	.01	.01	.01	.01	.08	1.32	.01	.002	.01	.01	.01	.01	.001
76166	.001	.01	.01	.05	.04	.01	.01	.05	3.85	.05	.002	.01	.01	.01	.01	.001
76167	.001	.03	.01	.01	.01	.01	.01	.02	24.31	.02	.002	.01	.01	.01	.01	.001
76168	.001	.09	.04	.01	.92	.01	.01	.05	40.48	4.67	.002	.01	.01	.02	.03	.073
76169	.001	.01	.07	.01	.47	.01	.01	.12	12.32	11.02	.002	.01	.01	.01	.01	.110
76170	.001	.01	.01	.01	.01	.01	.01	.06	1.36	.01	.002	.01	.01	.01	.01	.001
76171	.001	.14	.45	.59	1.12	.01	.01	.61	33.88	2.24	.002	.01	.01	.01	.01	.050
76172	.001	.02	.02	.24	.35	.01	.01	.01	29.78	27.65	.002	.01	.01	.03	.01	.479
76173	.001	.01	.19	.15	1.41	.01	.01	.24	7.57	2.24	.002	.01	.01	.01	.01	.040
76174	.001	.01	.02	.01	.09	.01	.01	.27	2.13	.94	.004	.01	.01	.01	.01	.009
76175	.004	.03	.12	.10	.32	.01	.01	.06	9.58	1.66	.002	.01	.01	.01	.01	.014
86629	.004	.01	.02	.01	.01	.01	.01	.01	38.14	.12	.002	.01	.01	.01	.01	.001
099145	.001	.01	.01	.01	.01	.01	.01	.02	.72	.02	.003	.01	.01	.01	.01	.001
099146	.001	.01	.01	.01	.01	.01	.01	.01	2.21	.06	.002	.01	.01	.01	.01	.002
099147	.001	.01	.01	.94	.12	.01	.01	.07	8.06	6.08	.003	.01	.01	.01	.01	.042
099148	.001	.08	.01	.53	.38	.01	.01	.02	32.07	22.80	.003	.01	.01	.03	.01	.315
099149	.001	.62	2.16	.12	1.07	.01	.01	.10	3.05	.10	.002	.01	.01	.84	.01	.001
099150	.001	.04	.13	.01	.35	.01	.01	.06	17.28	13.71	.002	.01	.01	.10	.01	.249
099201	.001	.07	.13	.03	1.23	.01	.01	.18	19.29	3.51	.002	.01	.01	.07	.01	.036
099202	.002	.13	.02	.01	.11	.01	.01	.04	30.80	10.62	.002	.01	.01	.01	.01	.112
STD R-1/OZ	.093	.89	1.37	2.41	2.97	.03	.02	.08	7.00	.94	.013	.01	.04	.14	.03	-

Rock n=21

Pinemt Cr (RD)

8708-112

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU3 ANALYSIS BY AA FROM 10 GRAM SAMPLE.
P3 - SILT

DATE RECEIVED: AUG 24 1987 DATE REPORT MAILED: Sept 2/87 ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8708-112 2809 File # 87-3555 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	AU3 PPB
SOIL 1	7	73	76	332	.3	10	18	1228	5.70	805	5	ND	1	17	2	9	2	41	.13	.150	10	13	.52	48	.01	2	2.53	.01	.07	13	30
SOIL 2	7	47	35	587	.8	12	9	901	4.29	212	5	ND	1	51	2	2	2	37	.48	.597	11	13	.47	58	.01	3	2.52	.02	.07	1	4
SOIL 3	5	18	20	87	.5	7	6	610	3.40	149	5	ND	1	37	1	4	2	46	.36	.213	8	10	.20	67	.01	2	1.89	.01	.05	2	1
SOIL 4	24	116	42	927	1.1	12	14	3334	4.19	882	5	ND	1	71	6	10	2	32	.73	.335	21	15	.37	66	.01	3	3.06	.01	.07	1	1
SOIL 5	7	62	32	439	.5	14	11	676	4.76	539	5	ND	2	56	2	7	2	39	.54	.084	9	13	.48	77	.01	3	2.65	.01	.06	1	9
SOIL 6	5	158	25	416	.6	11	10	773	3.99	465	5	ND	1	53	9	6	2	33	.59	.123	19	15	.31	50	.01	6	2.11	.01	.06	1	4
SOIL 7	5	29	32	183	.4	4	5	479	2.17	241	5	ND	1	46	3	5	2	35	.35	.087	8	8	.21	54	.01	2	1.42	.01	.07	1	13
SOIL 8	2	36	16	132	.1	12	11	757	4.37	47	5	ND	1	27	1	5	2	40	.26	.106	8	13	.51	116	.01	2	2.74	.01	.04	1	2
SOIL 9	2	26	20	126	.1	11	8	913	3.38	28	5	ND	1	13	1	2	2	38	.07	.125	5	13	.40	98	.01	2	2.64	.02	.06	1	1
SOIL 10	3	27	21	108	.3	12	9	446	4.11	34	5	ND	1	10	1	2	2	43	.05	.104	7	12	.50	69	.01	6	2.85	.01	.04	1	1
SOIL 11	2	33	4	97	1.0	10	9	463	5.19	48	5	ND	1	19	1	3	2	36	.15	.109	11	14	.38	55	.01	5	4.07	.01	.04	1	1
SOIL 12	3	41	21	111	.6	11	10	824	5.99	65	5	ND	1	31	1	4	2	41	.34	.141	7	14	.39	67	.01	2	3.15	.01	.04	1	1
SOIL 13	4	48	25	179	.3	13	10	641	4.25	184	5	ND	1	23	1	2	2	41	.17	.123	9	12	.46	95	.01	5	2.72	.01	.04	1	1
SOIL 14	6	44	49	173	1.4	181	11	711	5.22	1061	5	ND	1	9	5	6	2	25	.03	.149	7	51	.21	36	.01	2	2.65	.01	.04	1	3
SOIL 15	3	30	15	85	.3	14	8	613	5.80	96	5	ND	1	4	1	2	2	37	.01	.106	5	13	.33	31	.01	2	2.86	.01	.03	1	1
SOIL 16	3	36	28	71	.2	25	7	559	5.67	106	5	ND	1	4	1	5	2	42	.01	.091	6	36	.26	31	.01	2	2.51	.01	.04	1	3
SOIL 17	2	42	20	104	.1	14	14	931	5.61	121	5	ND	2	6	1	2	2	36	.03	.079	8	17	.49	45	.01	2	3.66	.01	.04	1	2
SOIL 18	21	60	33	119	.1	504	18	756	6.24	98	5	ND	1	6	9	6	5	39	.03	.084	6	833	.44	51	.01	6	3.61	.01	.04	6	2
SOIL 19	4	44	31	99	.3	37	11	564	7.27	156	5	ND	2	5	1	2	2	43	.02	.100	7	72	.39	45	.01	6	3.34	.01	.04	1	2
SOIL 20	4	25	20	99	.3	12	7	321	4.25	103	5	ND	1	8	1	4	2	38	.01	.092	6	22	.37	56	.01	6	2.86	.01	.04	1	1
SOIL 21	2	26	67	142	.6	9	8	651	4.68	258	5	ND	1	8	1	2	2	50	.01	.126	6	15	.34	52	.01	2	2.42	.01	.04	1	1
SOIL 22	3	46	19	72	.1	24	7	419	3.97	95	5	ND	1	44	1	2	2	53	.07	.115	5	55	.42	45	.01	6	2.56	.01	.04	1	4
SOIL 23	2	121	24	311	.7	23	14	942	4.36	618	5	ND	2	72	2	2	2	35	.91	.087	13	28	.53	103	.01	3	2.49	.02	.06	1	3
SOIL 24	3	38	29	103	.2	12	10	484	5.13	58	5	ND	2	23	1	4	2	42	.24	.059	6	14	.44	70	.01	2	2.91	.01	.05	1	1
SOIL 25	12	89	22	307	.7	199	12	1200	3.86	552	5	ND	2	78	5	2	2	29	1.13	.194	13	421	.40	93	.01	6	2.27	.01	.06	1	2
SOIL 26	5	36	23	134	.2	40	8	468	4.44	81	5	ND	1	9	1	5	2	36	.04	.120	7	100	.30	64	.01	2	2.20	.01	.05	1	1
SOIL 27	4	33	22	112	.5	13	9	517	4.43	107	5	ND	1	7	1	2	2	37	.01	.094	8	16	.42	53	.01	6	2.65	.01	.04	1	1
SOIL 28	2	26	17	69	.2	9	7	569	4.57	59	5	ND	1	7	1	2	2	47	.02	.142	7	12	.30	51	.01	2	2.17	.01	.04	1	1
SOIL 29	2	67	30	109	.4	12	10	591	5.98	99	5	ND	2	23	1	2	2	46	.16	.085	8	16	.56	58	.01	2	2.84	.01	.05	1	11
SOIL 30	2	32	19	100	.4	7	8	487	6.18	78	5	ND	1	6	1	4	2	55	.01	.150	6	13	.31	46	.01	3	2.30	.01	.04	1	1
SOIL 31	7	37	22	99	.9	8	10	988	5.41	117	5	ND	1	7	1	3	2	47	.01	.145	7	15	.35	66	.01	5	2.34	.01	.06	1	1
SOIL 32	3	49	24	135	.1	13	11	786	4.54	77	5	ND	1	48	1	2	2	48	.43	.046	8	12	.54	113	.01	2	2.62	.02	.04	1	2
SOIL 33	2	26	19	66	.4	4	6	526	3.24	31	5	ND	1	12	1	2	2	40	.05	.100	7	8	.20	57	.01	2	1.92	.01	.04	1	1
SOIL 34	4	45	26	146	.3	22	26	3587	6.23	66	5	ND	2	9	1	2	2	114	.12	.219	11	36	.55	50	.01	6	3.03	.01	.04	1	1
SOIL 35	3	29	24	117	.8	10	8	926	4.09	66	5	ND	2	9	1	7	2	36	.02	.177	8	15	.32	69	.01	2	2.95	.01	.05	1	1
SOIL 36	19	38	38	680	.5	8	11	1555	2.97	823	5	ND	2	53	6	9	2	33	.59	.265	84	10	.33	72	.01	3	2.46	.01	.06	5	3
STD C/AU-S	19	57	41	127	7.3	64	36	1065	3.93	42	19	8	38	59	18	17	22	57	.47	.088	38	61	.85	169	.09	34	1.93	.06	.13	11	48

Soil n = 36

cc: Del. cc: Ket Dag Sept 21 file

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
SOIL 37	25	52	16	326	.1	11	12	1489	5.19	193	5	ND	2	60	4	8	2	52	.52	.240	8	15	.46	141	.01	2	2.65	.02	.10	1	1
SOIL 38	24	35	17	302	.1	11	10	646	4.58	193	5	ND	1	42	1	6	2	47	.40	.050	10	11	.64	90	.01	2	2.34	.01	.07	1	1
SOIL 39	24	40	21	235	.2	11	12	651	4.37	122	5	ND	1	10	1	6	2	41	.04	.075	8	12	.49	90	.01	2	2.75	.02	.07	1	1
SOIL 40	20	50	29	512	.5	12	12	1286	4.72	981	5	ND	1	59	2	8	2	40	.54	.182	12	14	.52	89	.01	3	2.25	.02	.12	1	1
SOIL 41	10	63	22	422	.2	13	11	733	4.46	387	5	ND	2	56	1	8	4	42	.48	.082	11	11	.53	97	.01	2	2.13	.02	.07	1	1
SOIL 42	5	25	12	93	.4	4	4	422	3.07	61	5	ND	1	9	1	5	2	42	.03	.107	7	9	.22	50	.01	2	1.56	.01	.05	1	1
SOIL 43	18	59	61	461	1.0	8	9	1467	3.82	370	5	ND	1	79	3	7	5	40	.70	.199	20	10	.46	133	.01	2	2.65	.02	.10	1	1
SOIL 44	15	42	25	697	.3	7	8	465	4.22	648	5	ND	2	63	2	5	2	38	.60	.183	13	10	.47	132	.01	2	2.24	.02	.08	2	1
SOIL 45	17	25	20	147	.7	7	5	303	3.08	236	5	ND	1	12	1	4	2	35	.07	.140	8	10	.31	67	.01	4	2.06	.02	.08	2	1
SOIL 46	33	47	11	853	.2	13	10	686	4.57	666	5	ND	1	33	2	7	2	42	.26	.043	10	15	.64	76	.01	2	2.32	.01	.07	1	1
SOIL 47	23	61	27	664	.8	14	9	873	4.72	761	10	ND	2	77	2	4	2	37	.73	.227	20	15	.52	93	.01	5	2.73	.02	.07	1	4
SOIL 48	13	48	17	136	.1	11	11	525	4.99	48	5	ND	1	7	1	4	2	39	.02	.044	8	10	.49	68	.01	5	2.32	.01	.05	1	1
SOIL 49	11	44	26	999	.3	13	12	931	5.09	117	5	ND	1	58	4	4	2	43	.37	.086	10	12	.48	104	.01	2	2.29	.02	.07	2	1
SOIL 50	13	38	22	135	.2	9	10	562	5.12	75	5	ND	1	22	1	4	2	47	.12	.062	8	13	.50	100	.01	2	2.45	.01	.07	1	1
SOIL 51	27	26	19	145	.1	13	11	1065	4.40	91	5	ND	1	64	1	4	2	52	.48	.191	6	15	.48	138	.01	2	2.31	.01	.07	1	1
SOIL 52	15	41	27	187	.4	11	9	685	4.96	461	5	ND	1	12	1	7	3	64	.04	.120	8	17	.39	77	.02	2	2.64	.01	.09	1	2
SOIL 53	5	32	17	995	.7	14	7	333	4.42	798	5	ND	1	30	1	2	2	38	.37	.096	10	13	.55	66	.01	2	2.48	.01	.05	5	1
SOIL 54	9	73	28	1099	.1	14	12	839	5.06	797	5	ND	2	44	3	6	2	43	.39	.104	11	14	.57	99	.01	2	2.44	.02	.07	2	2
STD C/AU-S	21	61	42	127	7.1	71	29	1123	4.11	38	18	8	41	53	20	18	21	61	.51	.092	41	58	.90	171	.08	39	1.82	.07	.14	13	53
SOIL 55	4	51	29	482	.2	14	12	622	5.58	608	5	ND	1	13	1	10	2	42	.12	.051	7	13	.57	56	.01	2	2.64	.01	.05	1	16
SOIL 56	3	42	32	369	.6	10	10	661	5.62	891	5	ND	1	9	1	6	2	43	.04	.101	7	12	.44	62	.01	2	2.43	.01	.05	1	1
SOIL 57	3	63	21	210	.2	14	12	767	5.32	703	5	ND	2	13	1	7	2	48	.04	.126	9	14	.50	107	.01	2	3.09	.02	.07	1	1
SOIL 58	2	95	39	403	.3	18	16	1183	4.96	596	5	ND	2	46	1	6	3	39	.61	.146	11	13	.56	107	.01	2	2.45	.02	.06	1	1
SOIL 59	3	70	161	563	.6	14	21	2147	6.04	837	5	ND	2	81	2	3	2	30	1.18	.272	7	12	.42	93	.01	2	2.04	.01	.06	6	1
SOIL 60	1	45	18	111	.1	16	14	815	5.16	46	5	ND	1	34	1	3	2	49	.31	.070	9	13	.59	147	.01	2	2.77	.02	.06	1	1
SOIL 61	2	34	11	91	.3	6	6	360	3.71	52	5	ND	1	9	1	2	2	49	.02	.127	7	10	.28	76	.01	2	2.37	.01	.06	1	1
SOIL 62	1	51	30	133	.1	13	14	899	4.55	45	5	ND	1	6	1	2	2	41	.01	.062	8	11	.52	89	.01	2	2.80	.01	.04	1	1
SOIL 63	1	39	24	115	.1	9	9	584	5.03	31	5	ND	1	5	1	2	2	41	.01	.063	7	9	.48	47	.01	2	2.19	.01	.03	1	1
SOIL 64	1	25	17	79	.6	7	6	352	3.15	58	5	ND	1	9	1	4	2	41	.02	.101	8	9	.31	59	.01	2	2.39	.01	.03	1	1
SOIL 65	2	30	37	172	.1	11	16	2372	5.89	62	5	ND	1	9	1	2	2	40	.02	.207	8	14	.38	69	.01	2	2.58	.01	.05	1	2
SOIL 66	1	24	13	81	.3	6	5	518	2.60	19	5	ND	1	12	1	2	2	41	.05	.100	7	8	.24	81	.01	2	1.71	.01	.04	1	1
SOIL 67	1	36	18	102	.1	10	8	404	4.98	30	5	ND	1	5	1	3	2	41	.01	.086	9	13	.47	51	.01	2	2.99	.01	.03	1	1
SOIL 68	1	40	25	128	.2	12	12	1286	4.98	56	5	ND	2	6	1	4	3	49	.01	.092	8	12	.47	72	.01	2	2.74	.01	.06	1	1
SOIL 69	1	30	16	119	.1	9	10	737	4.52	50	5	ND	1	6	1	4	2	45	.01	.132	9	12	.37	55	.01	2	2.40	.01	.05	1	1

Soil n = 33

NORANDA EXPLORATION (VAN) PROJECT-8708-112 240 FILE # 87-3555

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
19666	5	82	81	756	.6	15	19	1450	5.71	803	5	ND	2	37	7	2	2	41	.42	.093	10	13	.61	68	.01	2	2.37	.01	.07	11	29
19670	4	51	35	634	.6	14	14	1216	4.76	421	5	ND	1	48	7	2	2	40	.41	.085	8	12	.45	68	.01	2	2.10	.01	.05	1	16
99144	2	36	19	100	.1	14	14	861	4.28	112	5	ND	1	33	1	2	2	36	.38	.069	9	10	.57	59	.01	2	1.56	.01	.05	1	2

Silt n = 3

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

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips

DATE RECEIVED: AUG 24 1987 DATE REPORT MAILED: Sept 4/87 ASSAYER... D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8708-112 240 File # 87-3555A Page 1

SAMPLE#	MO %	CU %	PB %	ZN %	AG OZ/T	NI %	CO %	MN %	FE %	AS %	U %	TH %	CD %	SB %	BI %	AU OZ/T
19612	.001	.01	.01	.40	.06	.01	.01	.10	2.90	.41	.002	.01	.01	.01	.01	.003
19613	.001	.01	.01	.03	.02	.01	.01	.04	.98	.04	.002	.01	.01	.01	.01	.001
19614	.003	.20	.08	8.36	.81	.01	.01	.01	29.20	14.27	.002	.01	.11	.01	.01	.167
19615	.001	.01	.01	.06	.03	.01	.01	.04	1.19	.08	.002	.01	.01	.01	.01	.001
19616	.001	.01	.01	.10	.03	.01	.01	.11	3.65	.22	.002	.01	.01	.01	.01	.004
19617	.001	.01	.01	.04	.01	.01	.01	.06	2.24	.03	.002	.01	.01	.01	.01	.001
19618	.001	.03	.01	.01	.02	.01	.01	.04	9.12	.01	.002	.01	.01	.01	.01	.002
19619	.001	.05	.06	.29	.68	.01	.01	.01	25.09	19.29	.002	.01	.01	.02	.02	.112
19620	.001	.05	.02	.01	.42	.01	.01	.01	25.93	28.90	.002	.01	.01	.03	.02	.264
19621	.001	.13	.02	.02	1.22	.01	.01	.01	29.00	6.82	.002	.01	.01	.01	.01	.173
19622	.001	.12	.09	.22	1.25	.01	.01	.15	34.17	9.72	.002	.01	.01	.05	.04	.171
19623	.001	.01	.01	.26	.05	.01	.01	.17	9.42	.38	.002	.01	.01	.01	.01	.010
19624	.001	.03	.02	.07	.66	.01	.01	.02	19.15	15.40	.002	.01	.01	.03	.03	.312
19625	.001	.02	.03	.05	.14	.01	.01	.05	9.40	.25	.002	.01	.01	.02	.01	.004
19651	.001	.18	1.23	.89	1.01	.01	.01	.01	2.24	1.05	.004	.01	.01	.45	.01	.011
19652	.002	.04	.01	.01	.04	.01	.01	.18	11.72	.02	.002	.01	.01	.01	.01	.001
19653	.001	.01	.01	.01	.09	.01	.01	.07	3.47	.29	.002	.01	.01	.01	.01	.001
19654	.001	.01	.02	.98	.04	.01	.01	.32	4.14	.89	.002	.01	.01	.01	.01	.006
19655	.002	.07	.01	.01	.02	.01	.01	.15	11.99	.01	.002	.01	.01	.01	.01	.001
19656	.001	.01	.01	.09	.08	.01	.01	.04	3.08	1.93	.002	.01	.01	.01	.01	.010
19657	.002	.05	.14	1.04	.88	.01	.01	.03	23.29	16.65	.002	.01	.01	.07	.01	.364
19658	.001	.02	.05	2.39	.18	.01	.01	.17	18.43	16.92	.002	.01	.03	.05	.01	.242
19659	.001	.01	.05	.05	.49	.01	.01	.01	22.36	21.21	.002	.01	.01	.07	.01	.533
19660	.004	.01	.06	.22	.10	.01	.01	.13	5.18	2.78	.002	.01	.01	.01	.01	.017
19661	.001	.03	.01	.01	.04	.01	.01	.02	11.74	.17	.002	.01	.01	.01	.01	.004
19662	.001	.04	.01	.01	.02	.01	.01	.03	11.89	.03	.003	.01	.01	.01	.01	.003
19663	.002	.01	.01	.01	.03	.01	.01	.01	2.92	.02	.002	.01	.01	.01	.01	.001
19664	.001	.09	.51	.65	1.94	.01	.01	.06	9.95	2.36	.002	.01	.01	.23	.01	.023
19665	.001	.02	.21	.06	1.69	.01	.01	.01	6.89	1.72	.002	.01	.01	.11	.01	.025
19667	.001	.03	.01	.01	.11	.01	.01	.02	19.80	.06	.002	.01	.01	.01	.01	.012
19668	.001	.03	.10	3.91	2.70	.01	.01	.07	4.84	2.02	.003	.01	.02	.01	.01	.018
19669	.001	.06	.01	.01	.05	.01	.01	.03	11.23	.19	.002	.01	.01	.01	.01	.001
19671	.001	.05	.01	.02	.03	.01	.01	.03	11.92	.27	.002	.01	.01	.01	.01	.001
19672	.001	.01	.04	.05	.29	.01	.01	.02	3.56	1.11	.002	.01	.01	.01	.01	.195
19673	.001	.12	.02	.05	.51	.01	.01	.10	25.24	6.63	.002	.01	.01	.01	.01	.131
19674	.001	.14	.03	.01	.46	.01	.01	.04	31.33	12.22	.002	.01	.01	.02	.01	.179
STD R-1/OZ	.093	.89	1.37	2.39	2.96	.03	.03	.09	6.91	.94	.007	.01	.04	.15	.03	-

Rock n = 36

SAMPLE#	MO %	CU %	PB %	ZN %	AG OZ/T	NI %	CO %	MN %	FE %	AS %	U %	TH %	CD %	SB %	BI %	AU OZ/T
19675	.001	.03	.01	.01	.44	.01	.01	.54	23.95	6.08	.002	.01	.01	.01	.01	.050
19676	.001	.01	.06	.04	.04	.01	.01	.03	9.17	7.18	.002	.01	.01	.04	.01	.019
19677	.002	.05	.01	.01	.06	.01	.01	.03	15.03	.09	.002	.01	.01	.01	.01	.001
19678	.001	.01	.01	.03	.03	.01	.01	.03	3.45	2.68	.003	.01	.01	.01	.01	.007
19679	.001	.01	.01	.01	.01	.01	.01	.02	1.17	.02	.002	.01	.01	.01	.01	.001
19680	.001	.01	.06	.38	.18	.01	.01	.33	5.11	1.46	.002	.01	.01	.03	.01	.031
19681	.001	.08	.01	.01	.02	.01	.01	.02	12.47	.03	.002	.01	.01	.01	.01	.001
19682	.001	.09	.01	.01	.03	.01	.01	.03	16.50	.02	.002	.01	.01	.01	.01	.001
19683	.001	.04	.01	.21	.32	.01	.01	.12	11.42	3.33	.002	.01	.01	.01	.01	.077
19684	.001	.08	.01	.01	.01	.01	.01	.02	11.46	.01	.002	.01	.01	.01	.01	.001
19685	.001	.06	.01	.01	.01	.01	.01	.03	15.60	.03	.002	.01	.01	.01	.01	.001
19686	.001	.02	.01	.01	.01	.01	.01	.02	7.78	.01	.002	.01	.01	.01	.01	.001
19687	.001	.02	.04	.08	.85	.01	.01	.03	10.10	2.81	.002	.01	.01	.01	.02	.034
19688	.001	.02	.01	.01	.03	.01	.01	.01	10.96	.01	.002	.01	.01	.01	.01	.001
19689	.001	.03	.01	.01	.25	.01	.01	.01	15.32	8.75	.002	.01	.01	.02	.01	.258
19690	.001	.09	.03	.12	.39	.01	.01	.09	25.61	4.43	.002	.01	.01	.01	.01	.084
26751	.001	.02	.01	.32	.24	.01	.01	.01	6.60	4.48	.002	.01	.01	.01	.01	.085
26752	.003	.01	.01	.06	.05	.01	.01	.07	3.72	.44	.002	.01	.01	.01	.01	.005
26753	.001	.05	.05	1.03	.45	.01	.01	.06	14.20	7.69	.002	.01	.01	.02	.01	.248
26754	.001	.01	.01	.08	.07	.01	.01	.07	2.28	.34	.002	.01	.01	.01	.01	.007
26755	.001	.08	.30	.58	3.09	.01	.01	.17	19.95	2.63	.002	.01	.01	.13	.03	.820
26756	.001	.01	.04	.04	.31	.01	.01	.34	12.85	9.04	.002	.01	.01	.03	.01	.330
26757	.001	.01	.05	.03	.26	.01	.01	.01	17.06	17.12	.002	.01	.01	.03	.01	.135
26758	.001	.02	.25	.13	1.39	.01	.01	.02	9.01	3.54	.002	.01	.01	.10	.03	.359
26759	.003	.03	.08	.17	1.30	.01	.01	.02	16.55	3.40	.002	.01	.01	.04	.01	.146
26760	.003	.01	.04	.03	.24	.01	.01	.04	15.28	14.24	.002	.01	.01	.02	.01	.081
26761	.001	.02	.39	.37	.23	.01	.01	.19	2.03	.08	.002	.01	.01	.04	.01	.002
26762	.001	.05	.04	.15	.89	.01	.01	.03	14.96	6.77	.002	.01	.01	.02	.01	.153
26763	.001	.04	.04	1.44	.45	.01	.01	.01	11.82	5.71	.002	.01	.02	.02	.01	.308
26764	.001	.03	.07	2.53	.35	.01	.01	.02	14.00	12.85	.002	.01	.04	.04	.01	.337
26765	.001	.01	.02	.39	.18	.01	.01	.04	5.69	4.79	.002	.01	.01	.01	.01	.147
26766	.001	.08	.07	1.09	1.38	.01	.01	.03	24.78	6.06	.002	.01	.02	.01	.03	.550
26767	.001	.02	.01	3.04	.16	.02	.01	.15	7.01	1.32	.002	.01	.03	.01	.01	.033
26768	.002	.03	.04	.04	1.81	.01	.01	.08	13.49	2.96	.002	.01	.01	.03	.01	.042
26769	.004	.04	.04	.03	2.22	.01	.01	.03	5.17	2.84	.002	.01	.01	.03	.01	.055
26770	.003	.01	.01	.05	.11	.01	.01	.13	1.89	.08	.003	.01	.01	.01	.01	.003
STD R-1/OZ	.093	.89	1.37	2.40	2.96	.03	.03	.08	7.01	.95	.010	.01	.04	.14	.03	-

Rock n=36

NORANDA EXPLORATION (VAN) PROJECT-8708-112 240 FILE # 87-3555A

SAMPLE#	MO %	CU %	PB %	ZN %	AG OZ/T	NI %	CO %	MN %	FE %	AS %	U %	TH %	CD %	SB %	BI %	AU OZ/T
26771	.012	.01	.01	.06	.05	.01	.01	.12	2.12	.05	.002	.01	.01	.01	.01	.002
26772	.001	.01	.02	.07	.18	.01	.01	.10	3.59	1.43	.002	.01	.01	.01	.01	.068
26773	.001	.03	.07	.02	1.05	.01	.01	.04	8.27	2.23	.002	.01	.01	.01	.01	.073
26801	.001	.12	.03	.01	2.28	.01	.02	.01	28.13	21.15	.002	.01	.01	.03	.02	.882

Rock n = 4

Pinemut / Tommy Jack / General (JM) 8710-046

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 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-SILT P2-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 16 1987 DATE REPORT MAILED: Oct 22/87 ASSAYER. D. Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8710-046 240 File # 87-4907 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
78083	4	30	20	181	.1	30	26	15241	6.04	31	9	ND	2	53	1	2	2	65	.59	.095	11	34	.48	858	.02	2	1.83	.01	.07	1	1
78084	1	37	5	152	.1	19	9	1491	3.11	9	5	ND	1	67	1	2	2	49	.87	.142	11	24	.49	239	.02	5	1.85	.01	.07	1	1
78085	3	27	14	199	.1	24	25	7760	5.71	20	5	ND	1	58	1	2	2	64	.68	.101	10	28	.61	408	.03	4	1.67	.02	.06	1	1
78086	2	41	12	186	.1	30	23	5189	5.38	18	5	ND	1	54	1	2	2	81	.65	.110	12	37	.96	278	.06	3	1.86	.03	.09	1	2
78091	3	59	12	123	.2	22	13	1097	3.99	12	5	ND	2	71	1	2	2	62	.82	.089	9	28	.65	209	.03	2	1.92	.02	.09	1	1
78092	2	31	9	134	.1	25	18	2066	4.53	20	5	ND	2	41	1	2	2	68	.47	.074	11	33	.71	195	.04	3	1.64	.02	.08	1	1
78093	1	38	8	98	.1	15	12	659	4.53	21	5	ND	2	44	1	2	2	52	.53	.070	8	22	1.00	68	.05	4	2.11	.04	.10	1	1
92613	1	62	17	110	.1	18	16	648	4.70	17	5	ND	1	57	1	2	2	36	.54	.062	7	12	.48	101	.01	2	1.62	.01	.04	1	2

Silt

cc: Del

file: Tommy Jack
: Pinemut
: Robert 1
: Utsuk Ck 93M/5E

NORANDA EXPLORATION (VAN) PROJECT-8710-046 240 FILE # 87-4907

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
19851	1	99	8	13	.2	4	2	81	1.11	2	5	ND	1	12	1	2	2	8	.09	.034	7	4	.03	66	.01	2	.31	.06	.06	1	1
78087	1	9	8	53	.1	27	16	495	2.85	2	5	ND	2	150	1	2	2	84	2.21	.065	3	24	1.28	60	.29	6	1.91	.02	.03	1	1
78088	1	19	7	22	.1	28	12	582	1.99	9	5	ND	1	294	1	6	2	16	18.16	.021	2	3	5.92	52	.01	5	.40	.02	.06	1	1
78089	1	75	8	66	.1	24	14	752	3.19	3	5	ND	2	134	1	2	2	36	4.38	.095	15	26	1.38	38	.01	6	.44	.04	.10	1	1
78090	9	137	5	28	.2	26	10	397	1.72	2	5	ND	2	21	1	2	2	11	1.85	.041	7	3	.10	50	.01	3	.22	.03	.08	1	2
78094	1	155	26	41	1.1	10	14	308	6.56	136	5	ND	1	19	1	36	4	30	.04	.027	8	10	.48	29	.01	2	1.49	.01	.07	1	105
78095	63	687	13	70	.5	17	23	912	8.55	37	5	ND	2	78	1	2	2	18	2.86	.489	9	3	.09	14	.06	2	1.20	.06	.03	2	5
78096	5	13	19	46	.1	1	2	725	1.50	2	5	ND	6	124	1	2	2	1	1.38	.027	17	1	.08	38	.01	5	.32	.04	.14	1	1
92614	1	1691	23	28	1.4	25	37	490	19.58	2	5	ND	4	24	1	2	119	23	1.24	.034	2	7	.46	33	.05	2	1.12	.02	.21	120	930
92616	1	336	17	17	.7	13	22	323	18.86	8	5	ND	3	4	1	16	3	41	.06	.048	4	7	.53	15	.01	2	2.58	.01	.13	35	7
STD C/AU-R	20	62	37	133	7.6	73	29	1049	4.04	41	20	8	39	55	19	18	18	61	.49	.092	41	58	.90	182	.07	37	1.88	.07	.14	12	485

Rock

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Pinenut (DM)

8711-042

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-3 SOIL P4-SILT

DATE RECEIVED: NOV 6 1987 DATE REPORT MAILED: Nov 19/87 ASSAYER.. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8711-042 287 File # 87-5582 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
4200-1	2	37	14	111	1.2	11	7	444	4.68	83	5	ND	2	31	1	2	2	46	.29	.098	7	13	.43	76	.01	2	2.12	.03	.06	1
4200-2	4	50	14	781	1.4	11	10	957	4.13	328	5	ND	3	62	6	2	2	41	.80	.114	9	12	.42	101	.01	2	2.18	.04	.10	3
4200-3	4	49	19	440	.9	12	12	854	4.52	449	6	ND	4	48	3	2	2	43	.66	.052	9	13	.44	123	.01	2	2.22	.04	.09	4
4200-4	4	45	21	86	1.4	8	6	306	6.11	161	12	ND	6	9	1	2	2	47	.10	.081	6	18	.27	47	.02	3	5.90	.02	.11	2
4200-5	11	39	15	132	.6	12	13	466	4.85	824	5	ND	2	59	1	2	2	41	.48	.053	8	13	.42	67	.01	2	3.49	.03	.05	6
4200-6	16	31	10	251	1.0	11	10	907	4.12	665	5	ND	4	75	1	2	2	41	.66	.074	7	14	.40	102	.01	2	2.61	.03	.08	2
4200-7	7	24	17	58	.5	5	4	195	6.14	69	5	ND	2	12	1	2	2	78	.08	.045	5	13	.15	55	.02	3	2.13	.02	.05	3
4200-8	30	30	17	218	.9	8	10	414	5.62	1911	9	ND	4	42	1	2	2	40	.39	.108	10	14	.24	51	.01	2	3.23	.02	.08	1
4200-9	9	36	24	122	1.0	7	11	1716	6.18	213	5	ND	4	12	1	2	2	59	.10	.052	8	13	.37	106	.01	2	3.19	.02	.07	4
4200-10	9	200	30	495	1.2	14	14	1643	4.58	379	5	ND	4	81	3	6	2	37	.99	.068	10	14	.28	74	.01	2	1.73	.03	.05	7
4200-11	6	51	24	237	.8	12	11	794	4.75	204	5	ND	2	70	2	2	2	44	.87	.097	11	14	.46	91	.01	2	2.46	.04	.05	3
4200-12	8	33	32	102	.5	7	6	338	8.35	412	5	ND	2	29	1	11	2	64	.29	.087	7	12	.27	66	.01	2	2.00	.03	.08	3
4200-13	9	77	22	281	1.7	9	12	3854	4.05	501	10	ND	4	104	4	2	2	33	1.05	.274	15	11	.26	120	.01	2	2.78	.03	.10	4
4200-14	8	32	15	101	1.4	7	5	441	5.53	71	5	ND	4	34	1	2	2	74	.42	.107	8	11	.21	70	.01	2	1.46	.02	.11	2
4200-15	3	37	16	110	.7	12	11	788	5.28	51	5	ND	2	9	1	2	2	42	.10	.124	6	13	.46	76	.01	2	2.59	.02	.05	2
4200-16	3	35	12	160	.6	5	4	283	4.44	296	5	ND	2	38	1	2	2	48	.32	.063	8	9	.16	125	.01	2	1.86	.02	.03	1
4200-17	4	47	24	134	1.1	7	6	348	4.53	116	5	ND	3	21	1	2	2	43	.25	.078	9	10	.20	103	.01	2	1.52	.03	.07	2
4200-18	1	36	16	66	1.0	6	5	604	7.60	27	5	ND	2	8	1	2	2	66	.06	.217	6	13	.16	60	.01	2	1.84	.02	.07	1
4200-19	10	54	22	169	.9	16	12	2045	5.41	260	5	ND	4	70	1	2	2	50	.67	.129	11	23	.37	119	.01	2	2.71	.03	.06	5
4200-20	3	36	13	107	.8	8	8	925	4.95	37	5	ND	3	76	1	2	2	45	.85	.094	9	12	.29	94	.01	2	2.06	.03	.06	1
4200-21	3	32	18	123	.8	11	9	486	6.10	34	5	ND	3	14	1	2	2	48	.14	.056	8	14	.43	76	.01	2	2.73	.02	.07	4
4200-22	3	30	15	87	.2	8	6	471	4.94	20	5	ND	1	8	1	2	2	45	.08	.063	7	11	.30	58	.01	2	1.89	.02	.01	3
4200-23	1	37	11	104	1.1	11	10	698	4.87	16	5	ND	4	8	1	2	3	39	.10	.078	7	11	.47	67	.01	2	2.08	.02	.10	1
4200-24	3	27	9	90	.7	7	8	867	4.61	32	5	ND	2	22	1	2	2	49	.16	.062	7	11	.29	63	.01	2	1.86	.02	.06	4
4200-25	2	29	9	90	1.0	7	6	388	5.07	17	5	ND	2	6	1	2	2	45	.01	.062	6	12	.27	54	.01	2	2.54	.02	.06	1
4200-26	2	30	16	88	.9	7	6	509	5.94	36	5	ND	3	7	1	2	2	45	.05	.099	7	11	.27	56	.01	2	2.66	.02	.05	4
4200-27	3	33	10	89	1.1	8	7	531	5.66	19	6	ND	3	19	1	2	2	47	.17	.082	7	12	.34	56	.01	2	2.09	.02	.09	2
4200-28	2	34	11	82	.2	6	5	440	6.80	21	5	ND	1	5	1	2	2	55	.01	.087	7	14	.21	65	.01	2	2.61	.01	.03	3
4200-29	3	29	14	72	.7	7	5	389	5.91	30	5	ND	2	5	1	2	2	53	.01	.085	6	12	.25	55	.01	2	2.12	.01	.02	5
4200-30	2	22	10	68	.1	7	6	351	4.56	15	5	ND	1	11	1	2	2	44	.10	.117	6	11	.31	70	.01	2	1.87	.02	.04	1
4500-1	3	40	16	78	1.8	8	7	552	4.93	60	5	ND	2	23	1	2	2	38	.13	.137	5	15	.26	58	.03	2	4.76	.02	.03	5
4500-2	2	39	14	96	.6	10	10	616	4.52	73	5	ND	2	12	1	2	2	44	.07	.062	7	12	.37	58	.02	2	2.42	.02	.07	1
4500-3	1	89	57	119	.6	6	4	312	6.63	406	5	ND	2	16	1	2	2	50	.01	.081	7	11	.20	78	.01	2	2.25	.02	.06	1
4500-4	1	32	26	97	.5	7	7	478	4.35	270	5	ND	1	7	1	2	2	48	.01	.072	7	11	.24	56	.01	2	2.44	.01	.01	1
4500-5	2	48	30	120	1.2	13	9	582	4.68	127	5	ND	3	9	1	2	3	41	.03	.072	7	15	.52	67	.01	2	3.73	.02	.07	3
4500-6	2	46	19	95	1.3	9	8	509	4.87	84	5	ND	4	7	1	2	3	45	.02	.098	8	14	.40	59	.01	2	3.80	.02	.09	3
STD C	19	59	40	135	7.7	71	29	1081	4.18	41	21	6	40	54	19	18	22	60	.51	.091	40	62	.88	185	.08	32	1.93	.08	.17	14

Soil n=36

RECEIVED NOV 2 4 1987

cc: Del
file: Pinenut

file

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
4500-7	1	37	22	79	.2	9	5	359	4.60	121	5	ND	2	6	1	2	2	55	.03	.125	7	14	.27	54	.01	2	2.77	.02	.05	1
4500-8	2	22	14	66	.1	5	3	248	4.96	66	5	ND	1	7	1	2	2	53	.02	.127	5	11	.24	42	.01	2	1.83	.02	.04	1
4500-9	2	32	19	183	.4	14	11	713	4.51	161	5	ND	2	30	1	2	2	42	.39	.083	9	11	.50	95	.01	2	2.52	.04	.05	1
4500-10	6	112	27	499	1.7	32	16	2729	4.26	367	5	ND	6	48	3	2	2	28	.59	.241	44	22	.20	265	.01	2	5.78	.04	.08	4
4500-11	7	40	24	66	.1	7	5	239	5.96	180	5	ND	3	7	1	2	2	69	.04	.086	7	12	.25	42	.01	2	2.31	.02	.07	4
4500-12	10	36	24	263	1.5	14	14	3655	4.83	1064	5	ND	4	55	2	2	2	51	.58	.198	15	17	.44	90	.02	2	3.17	.06	.11	1
4500-13	8	42	22	107	.1	12	8	376	5.22	215	5	ND	2	8	1	2	2	50	.04	.051	7	14	.48	81	.01	2	3.54	.02	.06	5
4500-14	7	43	17	173	.4	14	12	735	4.96	1861	8	ND	2	82	1	2	2	45	.86	.098	9	16	.51	56	.01	2	2.73	.05	.10	1
4500-15	6	51	23	154	.1	15	13	932	5.50	619	5	ND	2	42	1	2	2	51	.40	.085	9	15	.50	94	.01	2	2.85	.04	.05	1
4500-16	34	38	19	143	.1	10	11	1120	5.72	1352	5	ND	1	102	1	2	2	49	1.04	.155	11	13	.29	65	.01	2	2.37	.04	.04	3
4500-17	14	43	15	74	.2	10	5	328	5.35	90	5	ND	2	14	1	2	2	52	.10	.072	9	14	.21	62	.03	3	2.81	.02	.04	3
4500-18	12	46	41	141	.1	11	11	865	5.90	144	5	ND	3	8	1	2	2	41	.05	.087	8	11	.30	55	.01	2	2.27	.02	.06	2
4500-19	4	44	20	109	1.7	8	7	962	4.17	138	5	ND	2	11	1	2	2	40	.03	.128	7	10	.19	85	.01	2	1.77	.02	.08	1
4500-20	7	46	46	103	.3	6	5	244	5.71	357	5	ND	2	6	1	2	2	47	.01	.062	7	10	.19	58	.01	2	2.51	.02	.03	1
4500-21	13	84	45	110	.6	6	8	978	5.62	460	5	ND	2	8	1	2	3	49	.03	.185	8	11	.25	56	.01	2	2.54	.02	.08	38
4500-22	5	34	14	111	1.0	6	5	514	4.19	112	5	ND	4	9	1	2	3	47	.03	.133	7	9	.23	77	.01	2	2.23	.02	.09	1
4500-23	10	64	21	278	.6	10	8	671	6.56	1320	5	ND	2	38	2	2	2	42	.45	.180	15	12	.32	52	.01	2	2.91	.03	.03	5
4500-24	4	58	42	180	1.0	10	7	444	5.46	632	5	ND	3	24	2	2	2	43	.28	.096	8	10	.30	70	.01	2	2.08	.03	.06	1
4500-25	5	41	30	121	.3	5	5	621	3.58	258	5	ND	1	6	1	2	2	50	.02	.142	8	9	.16	47	.01	2	1.85	.02	.04	13
4500-26	3	26	18	83	.1	5	3	250	2.78	105	5	ND	1	7	1	2	2	33	.02	.119	7	10	.15	54	.01	2	2.37	.02	.05	5
4500-27	5	48	87	278	1.0	8	7	752	5.06	227	5	ND	2	10	1	2	2	45	.05	.112	7	10	.25	56	.01	2	2.66	.02	.05	1
4500-28	14	49	32	167	1.1	7	5	242	4.52	302	5	ND	3	74	2	2	2	54	.65	.091	9	9	.20	78	.01	2	1.90	.03	.08	2
4500-29	5	76	24	247	.2	8	7	449	5.65	468	5	ND	1	57	2	2	2	48	.65	.115	8	11	.33	77	.01	2	2.49	.03	.05	1
4500-30	5	56	19	77	1.0	5	6	432	3.45	152	5	ND	2	22	1	2	2	51	.16	.114	10	8	.10	82	.01	2	1.61	.02	.07	2
4500-31	2	45	27	139	.4	12	11	568	5.63	108	5	ND	3	29	1	2	2	46	.28	.083	9	12	.40	92	.01	2	3.01	.03	.08	1
4500-32	5	54	17	128	1.4	12	10	640	5.03	148	5	ND	4	9	1	2	2	43	.04	.095	10	11	.43	83	.01	2	2.94	.03	.10	1
4500-33	3	42	19	96	.6	7	6	723	6.66	90	5	ND	1	10	1	2	2	49	.05	.151	6	12	.22	61	.01	2	2.50	.02	.03	1
4500-34	7	174	25	1109	1.3	14	11	2102	3.64	757	5	ND	2	136	13	2	2	28	1.63	.204	20	10	.24	101	.01	2	2.13	.04	.09	3
4500-35	9	73	22	161	.7	13	11	694	5.04	119	5	ND	3	50	2	2	2	47	.52	.104	13	12	.34	103	.01	2	2.64	.03	.04	4
4500-36	3	41	26	87	.3	7	6	401	7.56	83	5	ND	2	5	1	2	2	60	.01	.083	7	14	.24	60	.01	2	3.49	.02	.02	1
4500-37	3	45	15	157	.5	13	9	739	4.86	56	5	ND	2	17	1	2	2	48	.14	.132	7	12	.43	173	.01	2	2.42	.03	.05	3
4500-38	2	54	17	194	.3	14	13	1403	5.34	71	5	ND	2	27	1	2	2	45	.29	.168	12	15	.50	134	.01	2	3.05	.04	.08	2
4500-39	3	78	30	151	.8	13	18	1566	6.15	112	6	ND	4	42	1	2	2	48	.62	.135	10	13	.38	118	.01	2	2.98	.04	.09	1
4500-40	7	72	39	165	1.2	10	14	2772	5.20	137	5	ND	3	62	2	2	2	35	1.00	.270	19	12	.21	74	.01	2	2.37	.04	.08	1
4500-41	3	43	15	189	.6	12	9	768	5.32	220	5	ND	1	59	1	2	2	40	.86	.147	12	17	.37	72	.01	2	2.52	.04	.05	1
4500-42	4	33	13	107	.1	12	11	614	4.95	72	5	ND	2	25	1	3	2	45	.22	.042	8	12	.48	84	.01	3	2.12	.03	.04	4
STD C	20	60	42	138	7.5	71	29	1073	4.17	40	18	7	40	48	19	18	21	60	.50	.092	40	56	.88	184	.08	33	1.90	.06	.14	13

Soil n = 36

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
4500-43	4	57	13	140	1.4	14	17	1766	4.52	73	5	ND	4	76	1	2	2	32	1.07	.206	13	14	.31	83	.01	2	3.54	.04	.08	1
4500-44	2	35	8	139	1.2	14	10	688	3.98	72	5	ND	2	46	1	2	2	31	.63	.098	13	12	.42	97	.01	2	2.20	.03	.08	1
4500-45	2	41	16	90	.2	10	9	484	5.07	34	5	ND	2	8	1	2	2	43	.04	.066	7	11	.42	50	.01	2	2.39	.02	.06	1
4500-46	3	35	13	108	.2	12	10	598	4.59	29	5	ND	1	26	1	2	2	45	.32	.097	9	14	.47	90	.01	2	2.38	.03	.05	1
4500-47	2	32	7	88	1.0	10	7	586	3.58	11	5	ND	3	37	1	2	2	44	.38	.111	8	11	.37	80	.01	2	2.04	.03	.10	1
4500-48	4	33	13	83	.1	5	6	906	3.14	10	5	ND	1	68	1	2	2	39	.79	.130	7	8	.14	92	.01	2	1.32	.03	.04	2
4500-49	2	30	20	91	.4	9	5	407	2.76	25	5	ND	1	42	1	2	2	38	.36	.093	7	11	.33	98	.01	2	1.77	.03	.05	2
4500-50	3	27	18	71	.8	7	5	265	5.72	19	5	ND	3	8	1	3	3	47	.07	.065	5	11	.24	79	.01	2	2.00	.02	.08	2
4500-51	3	39	22	162	.6	8	8	769	3.71	246	5	ND	1	84	1	2	2	32	.93	.124	10	12	.25	135	.01	2	2.01	.03	.04	2
4500-52	2	31	13	103	.6	9	9	631	4.81	23	5	ND	2	37	1	2	2	52	.42	.076	7	11	.34	127	.01	2	2.17	.03	.10	1
4500-53	1	44	10	103	1.2	8	8	559	4.29	25	5	ND	3	89	1	2	2	37	1.28	.196	11	10	.17	107	.01	2	1.84	.03	.11	1
4500-54	4	38	15	99	.2	10	9	571	5.03	57	5	ND	2	5	1	2	3	43	.02	.088	7	12	.39	58	.01	2	2.29	.02	.07	5
4500-55	3	42	12	101	.7	12	11	1489	4.66	19	5	ND	3	34	1	2	2	41	.36	.072	9	11	.45	70	.01	2	2.10	.03	.09	1
STD C	20	62	40	135	7.3	73	30	1015	4.14	42	16	7	38	48	18	16	24	61	.50	.095	38	58	.87	183	.09	33	1.89	.06	.15	13

Soil n = 13

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
26826 P	5	42	18	279	.5	14	11	1122	4.15	781	6	ND	1	82	2	2	2	39	.83	.076	7	15	.49	60	.01	2	1.96	.05	.05	4	4
26827 P	10	39	38	760	.4	13	14	1393	4.67	523	5	ND	2	41	6	2	2	43	.43	.066	8	12	.85	77	.01	2	2.02	.04	.10	2	2
26828 P	3	43	22	437	.4	15	13	1028	4.48	258	5	ND	2	29	4	2	2	43	.36	.058	8	15	.87	70	.03	2	1.99	.05	.12	2	1
26829 P	1	27	11	178	.2	13	12	1696	3.96	58	5	ND	1	59	1	2	2	33	.74	.053	8	11	.69	111	.01	2	2.02	.04	.05	1	3
26830 P	2	33	14	138	.4	14	12	944	4.53	54	5	ND	2	27	1	2	2	37	.31	.061	11	12	.84	69	.01	2	2.12	.04	.10	6	1
92615 P	5	35	16	220	.7	15	13	2502	4.21	706	5	ND	1	72	2	2	2	38	.66	.069	7	15	.58	60	.01	2	1.86	.05	.07	4	320
92617 P	2	24	29	196	.4	9	8	922	3.06	108	5	ND	1	77	1	2	2	26	1.03	.053	7	10	.39	98	.01	2	1.42	.04	.03	1	1
92618 P	2	26	14	116	.1	11	10	897	3.68	72	5	ND	1	47	1	2	2	35	.52	.047	9	11	.51	86	.01	2	1.72	.04	.06	2	1
92619 P	3	23	15	117	.2	12	10	836	4.27	73	5	ND	1	31	1	2	2	44	.27	.055	7	12	.53	66	.01	2	1.92	.04	.02	2	1
92620 P	1	35	10	102	.3	14	14	1000	4.37	14	5	ND	1	22	1	2	2	40	.19	.039	8	12	.55	114	.01	2	2.08	.04	.04	2	6
92621 P	1	36	13	100	.3	15	16	1154	4.68	13	5	ND	2	20	1	2	2	41	.26	.061	8	13	.60	104	.01	2	1.94	.04	.03	1	3
92622 P	3	28	18	109	.2	13	11	883	4.06	164	5	ND	1	40	1	2	2	39	.33	.051	7	11	.55	56	.01	2	1.65	.03	.04	7	1
92623 P	2	28	14	104	.2	14	12	750	4.38	136	5	ND	2	30	1	2	2	42	.32	.061	9	12	.64	50	.01	2	1.64	.04	.05	2	2
92624 P	1	30	13	103	.4	14	13	876	4.43	58	5	ND	2	25	1	2	2	42	.29	.057	8	12	.66	60	.01	3	1.66	.04	.04	2	1
92625 P	2	23	16	114	.1	10	13	1908	3.97	22	5	ND	1	24	1	2	2	39	.22	.094	7	11	.44	101	.01	2	1.96	.04	.03	2	3
STD C	19	57	38	130	7.5	67	27	1025	4.07	40	20	7	38	50	18	18	19	56	.48	.086	38	59	.85	177	.08	31	1.84	.08	.13	14	-

P-20 MESH, PULVERIZED

Silt n = 15

Pinemut (DM) 8711-069

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

DATE RECEIVED: NOV 24 1987 DATE REPORT MAILED: Dec 7/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8711-069 287 File # 87-5881

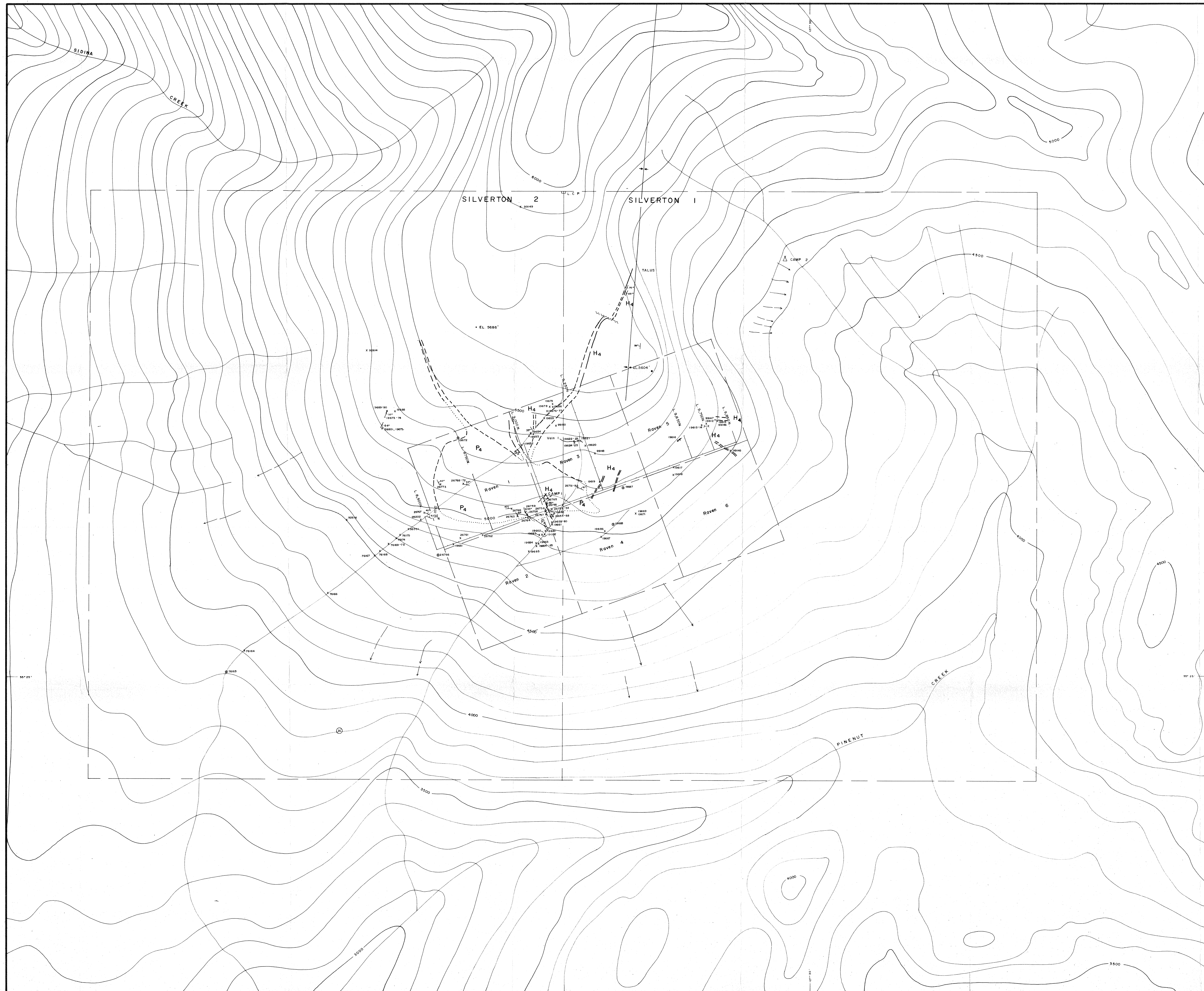
SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUR PPB
26785	1	17	11	432	.1	1	2	1400	1.17	60	5	ND	7	50	5	2	2	1	.94	.029	15	3	.05	105	.01	6	.43	.03	.20	1	2
26786	1	12	14	132	.1	1	1	738	.66	15	5	ND	6	16	1	2	2	1	.18	.020	8	1	.06	60	.01	2	.40	.04	.17	1	11
26787	1	2	18	35	.1	2	1	276	.31	3	5	ND	4	4	1	2	2	1	.04	.010	2	1	.01	40	.01	3	.29	.05	.17	1	6
26788	2	257	10	25	2.2	1	9	226	16.75	10	5	ND	5	77	1	2	2	70	.77	.056	2	10	.34	89	.13	3	1.88	.25	.13	13	15
26789	1	9	22	41	.2	1	1	115	.48	4	5	ND	3	4	1	2	2	1	.02	.011	2	1	.02	26	.01	2	.31	.05	.19	1	1
26790	6	209	1007	6069	2.0	3	8	388	3.70	14091	5	ND	2	16	78	411	2	3	.36	.040	2	2	.04	35	.01	3	.26	.01	.18	1	173
26791	4	82	10	824	2.1	1	3	1425	2.03	99	5	ND	5	10	5	2	2	1	.18	.025	12	1	.03	63	.01	2	.33	.01	.21	1	12
26792	1	5	19	59	.1	1	1	162	.66	64	5	ND	5	8	1	2	2	1	.09	.031	8	3	.03	39	.01	2	.33	.04	.17	1	3
26793	4	44	26	233	.5	1	1	1174	1.25	64	5	ND	7	7	3	2	2	1	.23	.018	19	2	.01	56	.01	6	.29	.01	.23	1	5
26794	4	26	106	579	1.1	1	1	459	1.31	1239	5	ND	10	14	5	21	2	1	.15	.023	23	1	.01	52	.01	5	.25	.01	.25	1	47
26795	8	29	6	38	.1	3	4	417	2.28	7	5	ND	5	9	1	2	2	11	.16	.046	11	5	.33	78	.04	3	.76	.05	.15	9	8
26796	4	48	35	1439	1.7	14	11	1105	3.38	199	5	ND	2	7	30	9	2	5	.35	.074	10	2	.03	48	.01	6	.42	.01	.28	1	3
26797	7	41	36	544	.4	4	3	679	1.71	394	5	ND	6	6	8	2	2	1	.04	.030	16	6	.02	48	.01	6	.34	.02	.24	5	8
26798	4	71	17	1758	1.2	1	2	1489	1.95	449	5	ND	7	10	27	2	2	1	.12	.036	10	3	.04	52	.01	5	.36	.01	.30	439	7
26799	9	30	17	156	.1	1	3	385	1.92	50	5	ND	10	8	1	3	2	4	.11	.040	18	1	.17	43	.01	3	.61	.04	.15	5	2
STD C/AU-R	19	61	42	132	7.5	69	29	1061	4.05	40	21	8	40	47	18	17	20	60	.46	.087	39	61	.90	179	.06	32	1.90	.06	.14	12	495

Rock n = 15

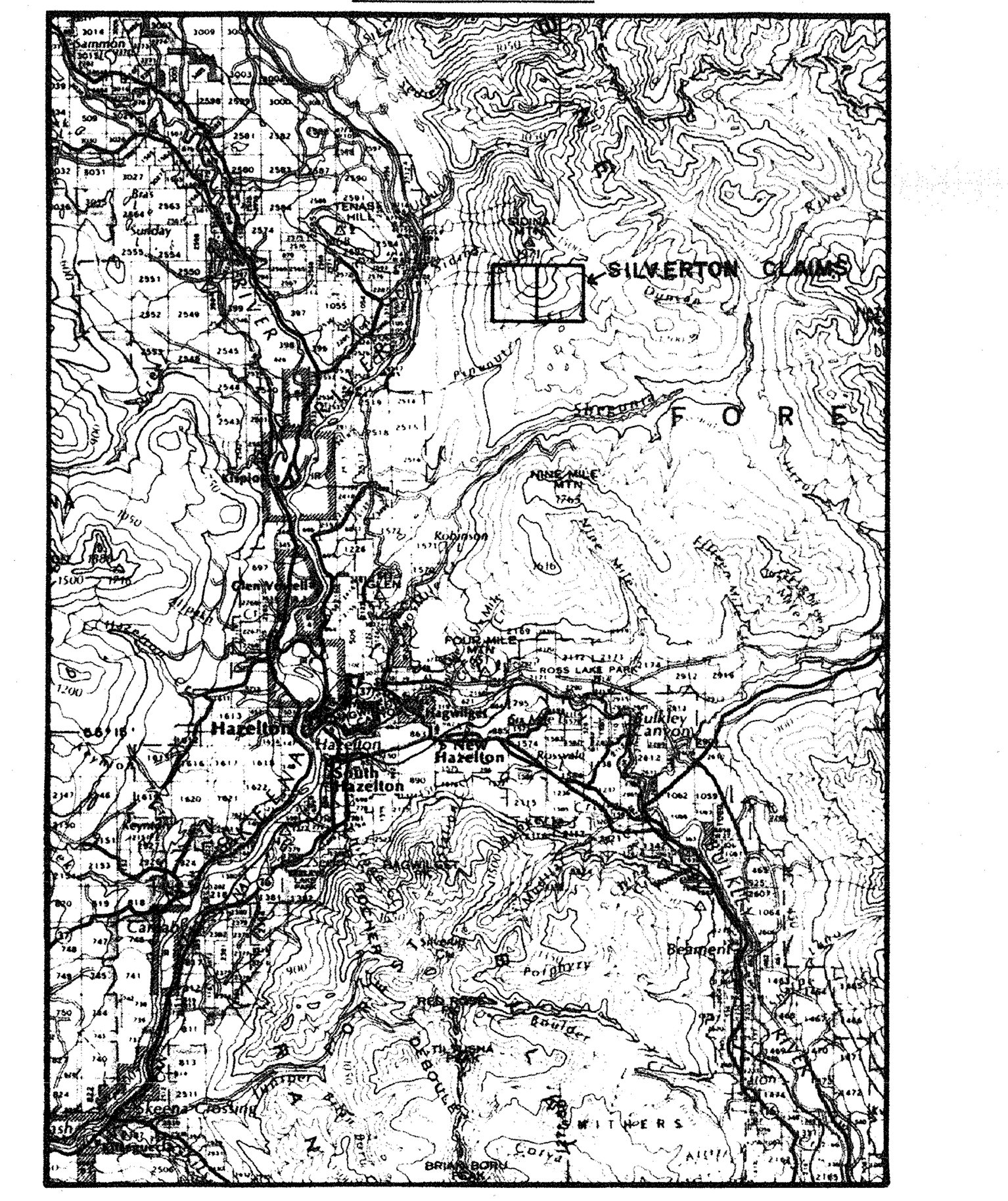
file

cc: Del
file: 287

7 Dec DM



LOCATION MAP



0 5 10 Kilometres
SCALE 1 250,000

LEGEND

ROCK TYPES

- P4 — GRANITE
- H4 — Rhyolitic Hypabyssal Intrusive
- S2 — SILTSTONE

SYMBOLS

- Flagged grid
- Geological Contact (definite, inferred, assumed)
- Outcrop large, small
- Triangulation point
- Trench
- 99130 x — Rock sample location
- 19608 — Float sample
- Strike and dip of Veins, Veinlet, joints
- Syncline
- Anticline
- Fault
- (H) — Helicopter pad
- Qtz. vein

TABLE OF ASSAYS

SAMPLE NO.	DESCRIPTION	TYPE	WIDTH (m)	Mo %	Cu %	Pb %	Zn %	Ag oz/T	As %	Sb %	Au oz/T
19612		rock		.001	.01	.01	.40	.06	.41	.01	.003
19613		rock		.001	.01	.01	.03	.02	.04	.01	.001
19614		rock		.003	.20	.08	8.36	.81	14.27	.01	.167
19615		rock		.001	.01	.01	.06	.03	.08	.01	.001
19616		rock		.001	.01	.01	.10	.03	.22	.01	.004
19617		rock		.001	.01	.01	.04	.03	.03	.01	.001
19618		rock		.001	.03	.01	.01	.02	.01	.01	.002
19619		rock		.001	.05	.06	.29	.68	19.29	.02	.112
19620		rock		.001	.05	.02	.01	.42	28.90	.03	.264
19621		rock		.001	.13	.02	.02	1.22	6.82	.01	.173
19622		rock		.001	.12	.09	.22	1.25	9.72	.05	.171
19623		rock		.001	.01	.01	.26	.05	.38	.01	.010
19624		rock		.001	.03	.02	.07	.66	15.40	.03	.312
19625		rock		.001	.02	.03	.05	.14	.25	.02	.004
19651		rock		.001	.18	1.23	.89	1.01	1.05	.45	.011
19652		rock		.002	.04	.01	.01	.04	.02	.01	.001
19653		rock		.001	.01	.01	.01	.09	.29	.01	.001
19654		rock		.001	.01	.02	.98	.04	.89	.01	.006
19655		rock		.002	.07	.01	.01	.02	.01	.01	.001
19656		rock		.001	.01	.01	.09	.08	1.93	.01	.010
19657	Py, Qtz, Asp	chip	.20	.002	.05	.14	1.04	.88	16.65	.07	.364
19658	Qtz, Sph, Asp, Py	grab	.20	.001	.02	.05	2.39	.18	16.92	.05	.242
19659	Qtz, Py, Asp	chip	.05	.001	.01	.05	.05	.49	21.21	.07	.533
19660	Qtz, Asp, Sph, Py	chip	.05	.004	.01	.06	.22	.10	2.78	.01	.017
19661	Alt. Rock, Py	grab	-	.001	.03	.01	.01	.94	.17	.01	.004
19662	Alt. Rock, Py, Kaolin Limonite	grab	-	.001	.04	.01	.01	.02	.03	.01	.004
19663	Alt. Rock, Py	grab	-	.002	.01	.01	.01	.03	.02	.01	.001
19664	Qtz, Py, Asp, Tetr, Sph	chip	.10	.001	.09	.51	.65	1.94	2.36	.23	.023
19665	Qtz, Asp, Py, Limonite	chip	.10	.001	.02	.21	.06	1.69	1.72	.11	.025
19667	Alt. Rock, Py	grab	-	.001	.03	.01	.01	.11	.06	.01	.012
19668	Sph, Py, Asp, Qtz	float	-	.001	.03	.10	3.91	2.70	2.02	.01	.018
19669	Alt. Rock, Py	grab	-	.001	.06	.01	.01	.05	.19	.01	.001
19671	Py, Alt. Sed, Asp	grab	-	.001	.05	.01	.02	.03	.27	.01	.001
19672	Qtz, Py, Asp	float	-	.001	.01	.04	.05	.29	1.11	.01	.195
19673	Qtz, Py, Asp	grab	.10	.001	.12	.02	.05	.51	6.63	.01	.131
19674	Qtz, Py, Asp	grab	.10	.001	.14	.03	.01	.46	12.22	.02	.179
19675	Qtz, Asp, Py	chip	.10	.001	.03	.01	.01	.44	6.08	.01	.050
19676	Rock	rock	-	.001	.01	.06	.04	.04	7.18	.04	.019
19677	Rock	rock	-	.002	.05	.01	.01	.06	.09	.01	.001
19678	Rock	rock	-	.001	.01	.01	.03	.03	2.68	.01	.007
19679	Rock	rock	-	.001	.01	.01	.01	.01	.02	.01	.001
19680	Qtz, Cpy, Sph, Py, Asp	chip	.15	.001	.01	.06	.38	.18	1.46	.03	.031
19681	Py, Mn	grab	-	.001	.08	.01	.01	.02	.03	.01	.001
19682	Py, Po, Mn	grab	-	.001	.09	.01	.01	.03	.02	.01	.001
19683	Qtz, Cpy, Py, Asp	grab	-	.001	.04	.01	.21	.32	3.33	.01	.077
19684	Py, Po, Mn	chip	.50	.001	.08	.01	.01	.01	.01	.01	.001
19685	Py, Po	grab	-	.001	.06	.01	.01	.01	.03	.01	.001
19686	Py, Alt	grab	-	.001	.02	.01	.01	.01	.01	.01	.001
19687	Qtz, Py, Asp	talus		.001	.02	.04	.08	.85	2.81	.01	.034
19688	Py, Po, Pod, in alt. Sed	chip	.50	.001	.02	.01	.01	.03	.01	.01	.001
19689	Qtz, Py, Asp, mineralized wall rock	chip	.15	.001	.03	.01	.01	.25	8.75	.02	.258
19690	Qtz, Py, Asp, Cpy	grab	-	.001	.09	.03	.12	.39	4.43	.01	.084
26751	Rock	rock	-	.001	.02	.01	.32	.24	4.48	.01	.085
26752	Rock	rock	-	.003	.01	.01	.06	.05	.44	.01	.005
26753	Rock	rock	-	.001	.05	.05	1.03	.45	7.69	.02	.248
26754	Rock	rock	-	.001	.01	.01	.03	.07	.34	.01	.007
26755	Rock	rock	-	.001	.08	.30	.58	3.09	2.63	.13	.820
26756	Rock	rock	-	.001	.01	.04	.04	.31	9.04	.03	.330
26757	Rock	rock	-	.001	.01	.05	.03	.26	17.12	.03	.135
26758	Rock	rock	-	.001	.02	.25	.13	1.30	3.54	.10	.359
26759	Rock	rock	-	.003	.03	.08	.17	1.30	3.40	.04	.146
26760	Rock	rock	-	.003	.01	.04	.03	.24	14.24	.02	.081
26761	Rock	rock	-	.001	.02	.39	.37	.23	.08	.04	.002
26762	Rock	rock	-	.001	.05	.04	.15	.89	6.77	.02	.153
26763	Rock	rock	-	.001	.04	.04	1.44	.45	5.71	.02	.308
26764	Rock	rock	-	.001	.03	.07	2.53	.35	12.85	.04	.337
26765	Rock	rock	-	.001	.01	.02	.39	.18	4.79	.01	.147
26766	Qtz, Py, Asp	grab	-	.001	.08	.07	1.09	1.38	6.06	.01	.550
26767	Contact Zone	chip	1.45	.001	.02	.01	3.04	.16	1.32	.01	.033
26768	Stockwork	chip	.73	.002	.03	.04	.04	1.81	2.96	.03	.042
26769	Granite with Qtz	chip	1.00	.004	.04	.04	.03	2.22	2.84	.03	.055
26770	Granite with Qtz	chip	1.00	.003	.01	.01	.05	.11	.08	.01	.003
26771	Granite with Qtz	chip	1.00	.012	.01	.01	.06	.05	.05	.01	.002
26772	Granite with Qtz	chip	1.00	.001	.01	.02	.07	.18	1.43	.01	.068
26773	Qtz, veinlet with Asp, Py	chip	.16	.001	.03	.07	.02	1.05	2.23	.01	.073
26801	Qtz, Py, Asp	grab	.10	.001	.12	.03	.01	2.28	21.15	.03	.882
76163	Rock	cobble	-	.001	.01	.28	1.53	.13	.13	.01	.003
76164	Rock	rock	-	.001	.01	.01	.01	.01	.01	.01	.001
76166	Rock	rock	-	.001	.01	.01	.05	.04	.05	.01	.001
76167	Talus Fines	rock	-	.001	.03	.01	.01	.01	.02	.01	.001
76168	Rock	rock	-	.001	.09	.04	.01	.93	4.67	.02	.073
76169	Rock	rock	-	.001	.01	.07	.01	.47	11.02	.01	.110
76170	Rock	rock	-	.001	.01	.01	.01	.01	.01	.01	.001
76171	Rock	rock	-	.001	.14	.45	.59	1.12	2.24	.01	.050
76172	Rock	rock	-	.001	.02	.02	.24	.35	27.65	.03	.479
76173	Rock	rock	-	.001	.01	.19	.15	1.41	2.24	.01	.040
76174	Rock	rock	-	.001	.01	.02	.01	.09	.94	.01	.009
76175	Rock	rock	-	.004	.03	.12	.10	.32	1.66	.01	.014
99145	Rock	rock	-	.001	.01	.01	.01	.01	.02	.01	.001
99146	Rock	rock	-	.001	.01	.01	.01	.01	.06	.01	.002
99147	Rock	rock	-	.001	.01	.01	.94	.12	6.08	.01	.042
99148	Rock	rock	-	.001	.08	.01	.53	.38	22.08	.03	.315
99149	Rock	rock	-	.001	.62	2.16	.12	1.07	.10	.84	.001
99150	Rock	rock	-	.001	.04	.13	.01	.35	13.71	.10	.249
99201	Rock	rock	-	.001	.07	.13	.03	1.23	3.51	.07	.036
99202	Rock	rock	-	.002	.13	.02	.01	.11	10.62	.01	.112

NOTE:
- Qtz Quartz
- Py Pyrite
- Gn Galena
- Asp Arsenopyrite
- Sph Sphalerite
- Mo Molybdenite
- Ser Sericite
- Tetr Tetrahedrite
- Po Pyrrhotite
- Fel Feldspar
- Cpy Chalcopyrite

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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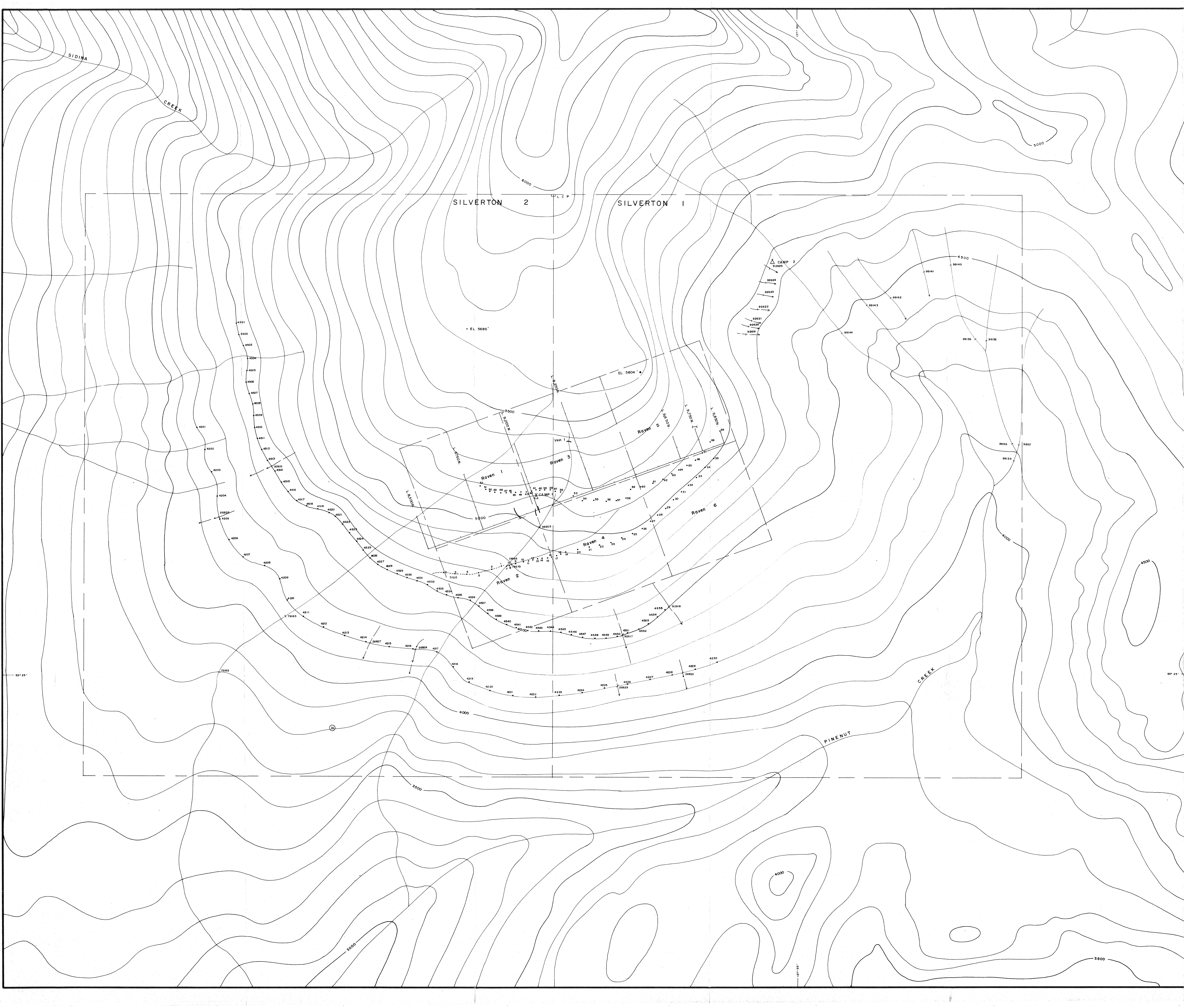
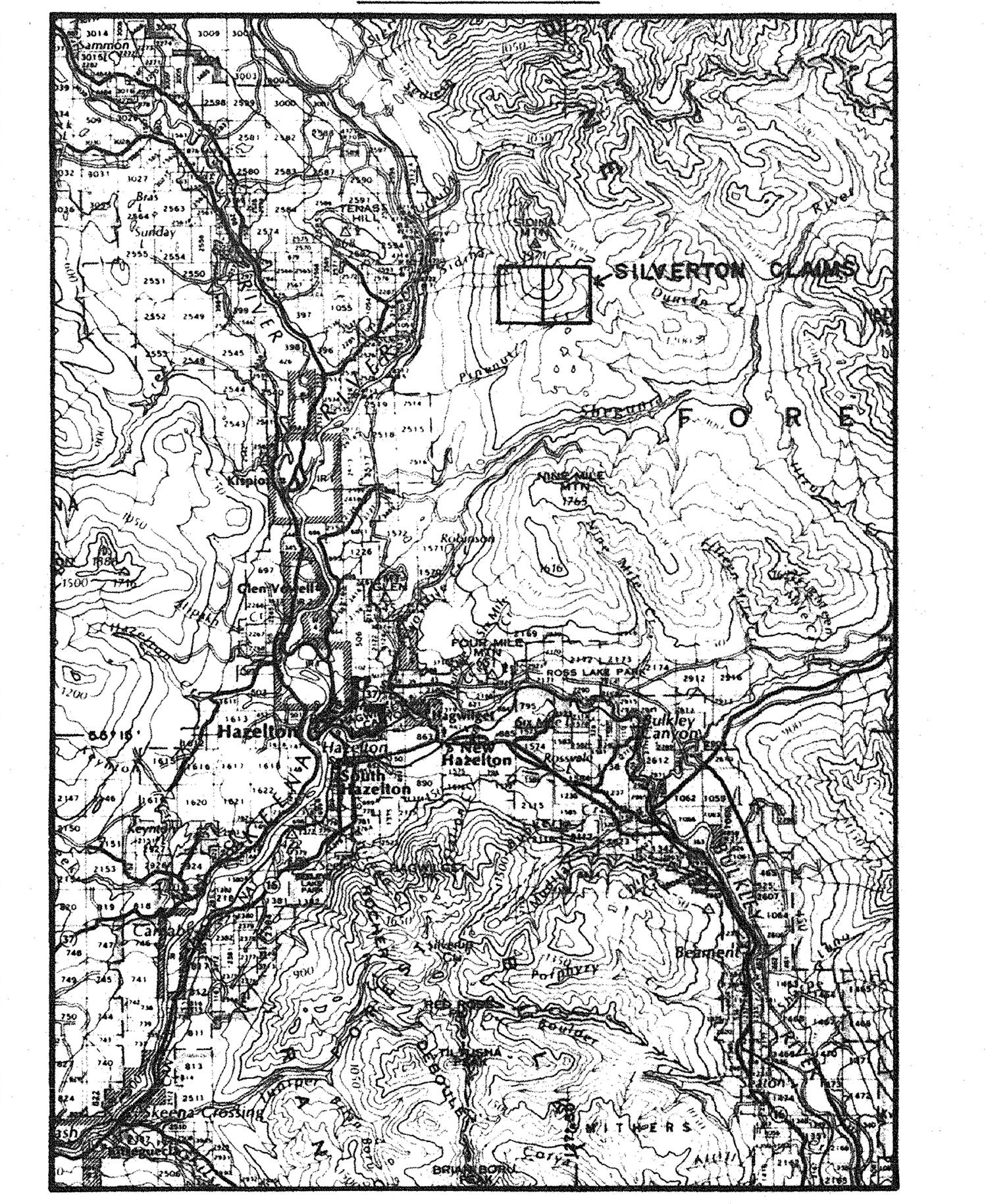
NOTE Topography based on photocopy enlargement of
N T S 1 50,000 scale map 93M/5,6

0 100 200 300 400 500 m
SCALE 1 5,000

REVISED	PINENUT CREEK OPTION
GAM Oct., 87	GEOLOGY AND ROCK SAMPLE LOCATIONS
PROJ. No. 287	SURVEY BY: R. DAY, DEMJr. DATE: Aug., 1987
N.T.S. 93M/5,6	DRAWN BY: S.K.B. SCALE: 1 5,000
DWG. No. FIG. 4	NORANDA EXPLORATION OFFICE: PRINCE GEORGE, B.C.



LOCATION MAP



L E G E N D

- 43 • Soil sample location
- 99144 Silt sample location
- Triangulation point
- Flagged grid
- (H) Helicopter pad
- Quartz Vein
- Trench

TABLE OF SOIL ANALYSES

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU# PPB
SOIL 1	7	73	76	332	.3	805	9	30
SOIL 2	7	47	35	587	.8	212	2	4
SOIL 3	5	18	20	87	.5	149	4	1
SOIL 4	24	116	42	927	1.1	882	10	1
SOIL 5	7	62	32	439	.5	579	7	9
SOIL 6	5	158	25	416	.6	445	6	4
SOIL 7	5	29	32	183	.4	241	5	13
SOIL 8	2	36	16	132	.1	47	5	2
SOIL 9	2	26	20	126	.1	28	2	1
SOIL 10	3	27	21	108	.3	34	2	1
SOIL 11	2	33	4	97	1.0	48	3	1
SOIL 12	3	41	21	111	.6	65	4	1
SOIL 13	4	48	25	179	.3	184	2	1
SOIL 14	6	44	49	173	1.4	1061	6	3
SOIL 15	3	30	15	85	.3	96	2	1
SOIL 16	3	36	28	71	.2	106	5	3
SOIL 17	2	42	20	104	.1	121	2	2
SOIL 18	21	60	33	119	.1	98	6	2
SOIL 19	4	44	31	99	.3	156	2	2
SOIL 20	4	25	20	99	.3	103	4	1
SOIL 21	2	26	67	142	.6	258	2	1
SOIL 22	3	46	19	72	.1	95	2	4
SOIL 23	2	121	24	311	.7	618	2	3
SOIL 24	3	38	29	103	.2	58	4	1
SOIL 25	12	89	22	307	.7	552	2	2
SOIL 26	5	36	23	134	.2	81	5	1
SOIL 27	4	33	22	112	.5	107	2	1
SOIL 28	2	26	17	69	.2	59	2	1
SOIL 29	2	47	30	109	.4	99	2	11
SOIL 30	2	32	19	100	.4	78	4	1
SOIL 31	7	37	22	99	.9	117	3	1
SOIL 32	3	49	24	135	.1	77	2	2
SOIL 33	2	26	19	66	.4	31	2	1
SOIL 34	4	45	26	146	.3	66	2	1
SOIL 35	3	29	24	117	.8	66	7	1
SOIL 36	19	38	38	680	.5	823	9	3
SOIL 37	25	52	16	326	.1	193	8	1
SOIL 38	24	35	17	302	.1	193	6	1
SOIL 39	24	40	21	235	.2	122	6	1
SOIL 40	20	50	29	512	.5	981	8	1
SOIL 41	10	63	22	422	.2	387	8	1
SOIL 42	5	25	12	93	.4	61	5	1
SOIL 43	18	59	61	461	1.0	370	7	1
SOIL 44	15	42	25	697	.3	648	5	1
SOIL 45	17	25	20	147	.7	236	4	1
SOIL 46	33	47	11	853	.2	666	7	1
SOIL 47	23	61	27	664	.8	761	4	4
SOIL 48	13	48	17	136	.1	48	4	1
SOIL 49	11	44	26	999	.3	117	4	1
SOIL 50	13	38	22	135	.2	75	4	1
SOIL 51	27	26	19	145	.1	91	4	1
SOIL 52	15	41	27	187	.4	461	7	2
SOIL 53	5	32	17	995	.7	798	2	1
SOIL 54	9	73	28	1099	.1	797	6	2
SOIL 55	4	51	29	482	.2	608	10	16
SOIL 56	3	42	32	369	.6	891	6	1
SOIL 57	3	63	21	210	.2	703	7	1
SOIL 58	2	95	39	403	.3	596	6	1
SOIL 59	3	70	161	563	.6	837	3	1
SOIL 60	1	45	18	111	.1	46	3	1
SOIL 61	2	34	11	91	.3	52	2	1
SOIL 62	1	51	30	133	.1	45	2	1
SOIL 63	1	39	24	115	.1	31	2	1
SOIL 64	1	25	17	79	.6	58	4	1
SOIL 65	2	30	37	172	.1	62	2	2
SOIL 66	1	24	13	81	.3	19	2	1
SOIL 67	1	36	18	102	.1	30	3	1
SOIL 68	1	40	25	128	.2	56	4	1
SOIL 69	1	30	16	119	.1	50	4	1

TABLE OF SILT ANALYSES

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU# PPB
76162	17	48	48	235	.9	567	11	18
76165	31	92	122	460	1.7	1477	23	101
099135	1	27	18	121	.1	22	2	2
099136	1	34	17	127	.1	16	2	2
099137	1	37	18	115	.2	9	2	1
099138	1	35	14	117	.1	14	2	1
099139	1	25	15	121	.1	19	2	1
099140	2	25	19	123	.2	17	2	1
099141	1	34	19	114	.1	21	2	2
099142	2	28	18	120	.1	50	2	1
099143	1	41	19	117	.1	38	2	1
099203	4	60	80	628	.3	770	24	1
19666	5	82	81	756	.6	803	2	29
19670	4	51	35	634	.6	421	2	16
99144	2	36	19	100	.1	112	2	2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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NOTE : Topography based on photocopy enlargement of N.T.S. 1 : 50,000 scale map 93M/5,6

0 100 200 300 400 500 m
SCALE 1 : 5,000

REVISED	PINENUT CREEK OPTION
GAM Oct. 87	SOIL AND SILT GEOCHEM SURVEY
PROJ. No. 287	SURVEY BY: R. DAY , DEMJr. DATE: AUG., 1987
N.T.S. 93M/5,6	DRAWN BY: S.K.B. SCALE: 1 : 5,000
DWG. No. FIG. 5	NORANDA EXPLORATION OFFICE: PRINCE GEORGE, B.C.