LITHOGEOCHEMICAL REPORT

ON THE

ROX PROPERTY

NTS: 92K/1E & 92F/16
VANCOUVER MINING DIVISION

Latitude 49° 59'

Longitude 124° 06'

NORANDA EXPLORATION COMPANY, LIMITED
(No Personal Liability)

REPORT BY: **MICHAEL J. GRAY**

FEBRUARY 1994

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1.0 EXECUTIVE SUMMARY

The purpose of this report is to document mapping and lithogeochemical sampling conducted on the Rox Property. The Rox property is a Cu-Zn-Pb-Au-Ag massive sulphide prospect located near Jervis Inlet 110 km from Vancouver (Vancouver Mining Division; NTS 92K/1; Latitude 49°59'N; Longitude 124°06'W). The property is underlain by deformed and metamorphosed sediments and volcanics of the Jurassic Bowen Island Group and intruded by Juro-Cretaceous granites and diorites of the Coast Plutonic Complex. Previous work on the property including trenching, drilling, mapping, soil geochem and Genie EM surveys.

During August 17th to 23rd a lithogeochemical sampling programme was conducted to detect hydrothermal alteration patterns and determine attendant relationships with the stratigraphy. Local areas of Na_2O (<1.5%) depletion, K_2O enrichment (>3.5%), or CaO enrichment (>7.0%) are small. Base metal mineralization outside the immediate showing area is of limited extent.

It is recommended the area south of the upper adit be systematically lithogeochem sampled to detect areas of significant "VMS-type" alteration.

2.0 PURPOSE

This report is to document fieldwork conducted on the Rox property in 1993 and is submitted as an annual report to White Channel Resources and to fulfil assessment reporting requirements.

3.0 BACKGROUND

3.1 Introduction

The Rox property is a Cu-Zn-Pb-Ag-Au massive sulphide prospect located near Jervis Inlet. The 1993 exploration program consisted of lithogeochemical sampling (54 samples) over a 2 km by 0.7 km area and chip sampling of some of the old trenches and adits (seven samples).

3.2 Location and Access

The Rox property is located just west of Jervis Inlet 35 km east-northeast of Powell River, in the Vancouver Mining Division (NTS 92K/1E & 92F/16; lat 49°51'; long 124°06'; Figure 1). The terrain is moderate to rugged with elevations ranging up to 1700 m. Snow cover is present until mid-July.

Access to the northern portion of the property is by helicopter. The southern area is accessed by logging roads up the Lois River Valley.

3.3 PREVIOUS WORK ("as summarized by Thorpe 1989")

"1928 Massive sulphides discovered near the headwaters of No Man's Creek, north of Diadem Mountain, Britain River Mining Co. Ltd. and Mount Diadem Mines Ltd. staked claims north and west of Mt. Diadem. Later, trenching and adit work exposed mineralization consisting of pyrite, chalcopyrite, sphalerite and galena up to 19 feet in width, but usually less than 5 feet with considerable variations in the type of sulphides along short strike lengths.

Sampling of the upper quartz vein on No Man's Creek is recorded as yielding 1.07 ounces gold per ton over an average width of 3.4" uncut. (Report of the Minister of Mines, 1950).

1947 Claims restaked by International Nickel Company and optioned to Bralorne Mines Ltd. in 1949.

1967 Geological mapping and limited diamond drilling by Sphere Development

Corp.

1970 Tiger Silver Mines Ltd. performed magnetometer and geochemical soil surveys. No relation between magnetics and known mineralization. (Bullis, 1970).

1971 Britain River Syndicate conducted geological, electromagnetic, magnetic and soil geochemical surveys. New anomalous areas were found.

1980 Fury Explorations Ltd. and R. Schmidt acquired claims later optioned by Anaconda. Nine holes were drilled in 1983, 899 metres. Silver assays were interesting. The best intersection obtained by drilling was 4 metres averaging 10.5 oz/tonne Ag, 2.1% Cu, 7.9% Pb and 2.5% Zn. Metal ratios apparently support a volcanogenic origin as similar ratios occur in deposits, such as Britannia and Westmin's Buttle Lake deposits.

1987 After a study of the local history and geology, Covenant Resources obtained claims surrounding the much reduced Anaconda holdings; that is, the ground now held by Fury Exploration Ltd. and R. Schmidt. Later, in 1987 and 1988, limited prospecting, geological mapping and geochemical sampling were carried out by Covenant."

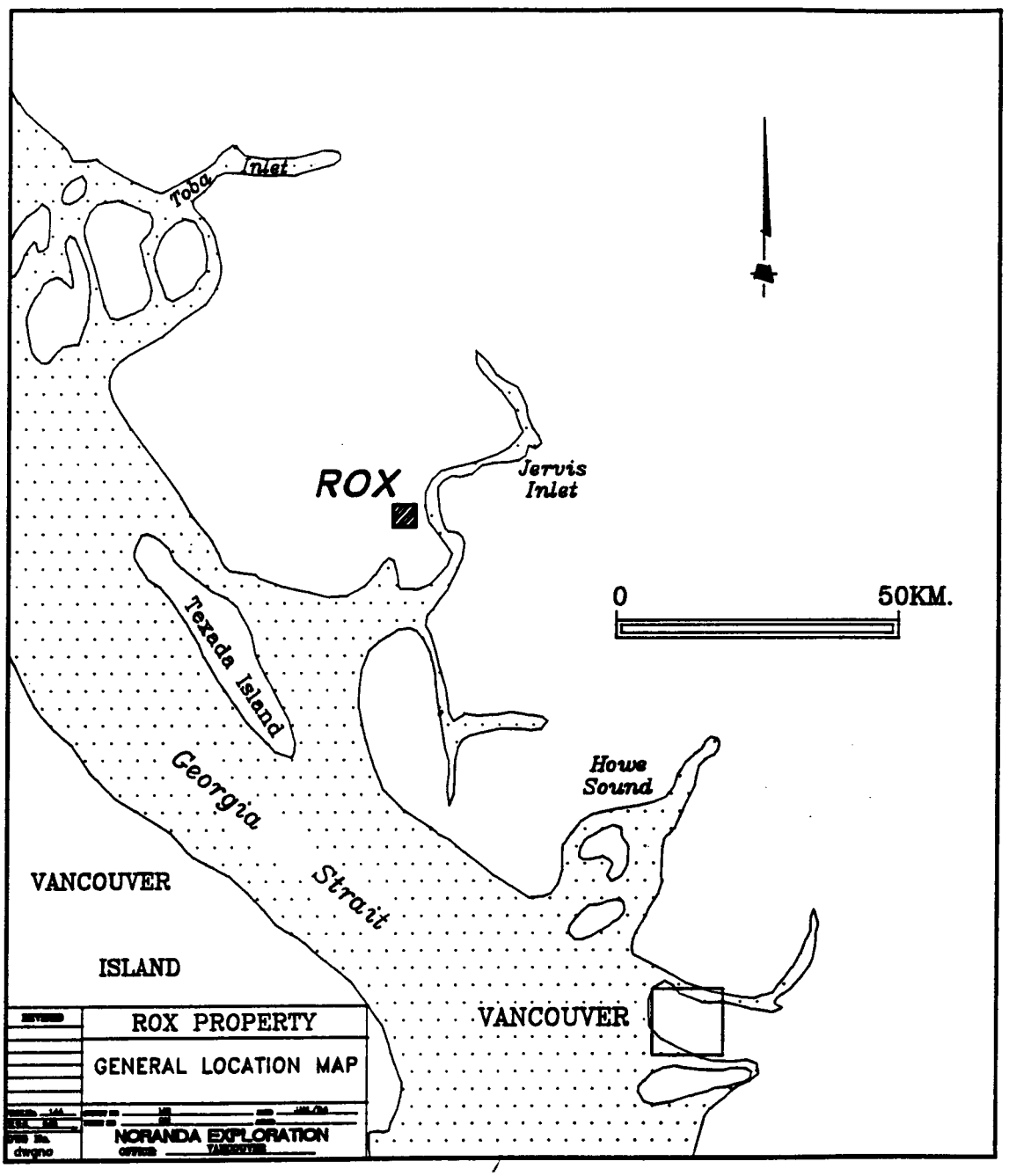


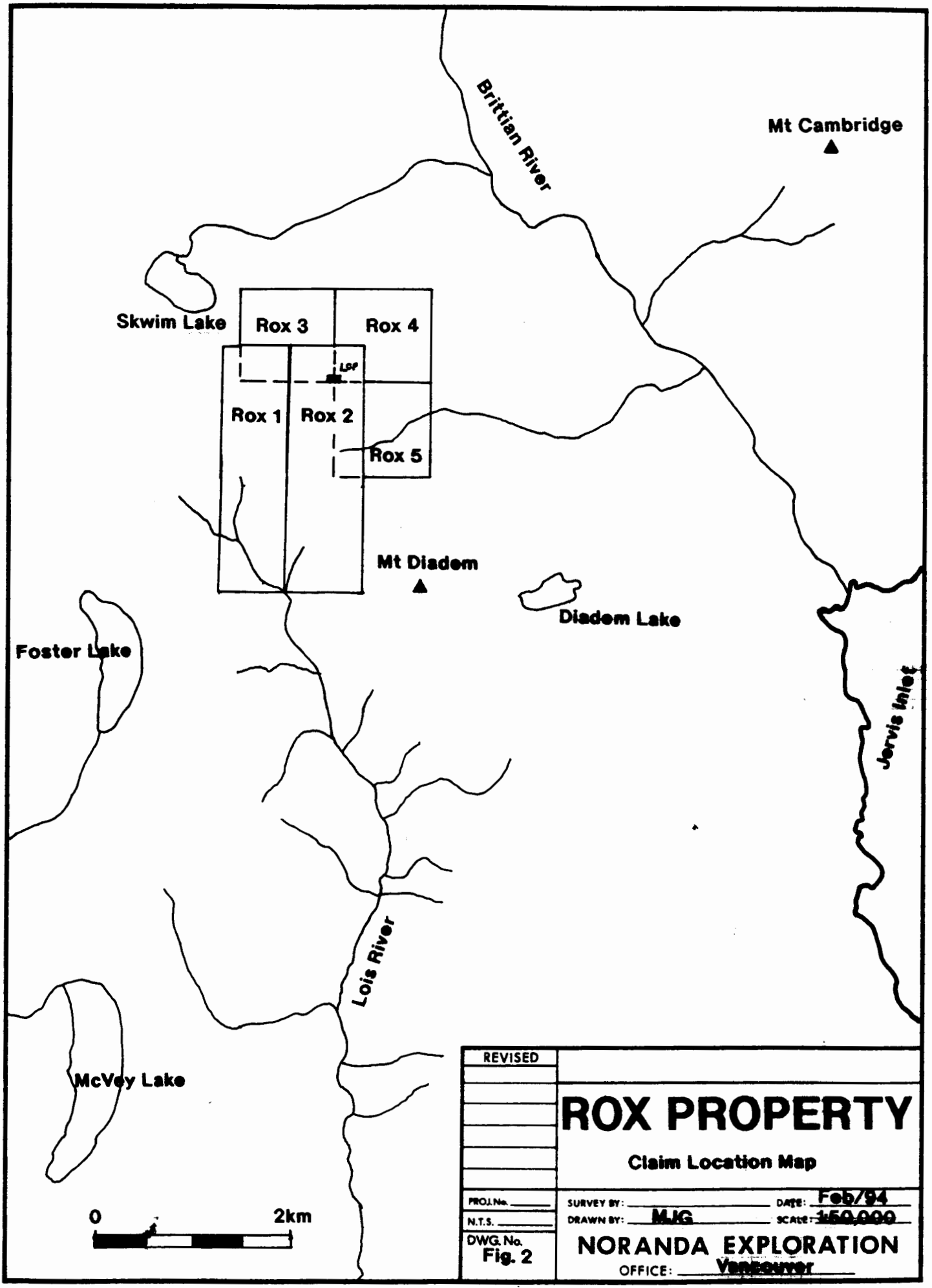
Figure 1 General Location Map

3.4 TENURE

The Rox property consists of 32 contiguous units of modified grid claims as shown in Figure 2. A Statement of Costs is provided in Appendix II. The property was optioned to Noranda Exploration Co., Ltd. (NOREX) by White Channel Resources. Pertinent claim data is listed below:

NAME	# UNITS	RECORD NO.	EXPIRY DATE
ROX 1	10	2851 (209008)	*01 JUL 1996
ROX 2	10	2852 (209009)	*01 JUL 1996
ROX 3	4	303530	*28 SEP 1996
ROX 4	4	305351	*28 SEP 1996
ROX 5	4	305352	*28 SEP 1996

* The expiry dates as listed will be in effect upon approval of this work.



REVISED	
	ROX PROPERTY
	Claim Location Map
PROJ. No.	SURVEY BY: DATE: Feb/94
N.T.S.	DRAWN BY: MJG SCALE: 1:50,000
DWG. No. Fig. 2	**NORANDA EXPLORATION**
	OFFICE: Vancouver

NCI - 774

3.0 GEOLOGY

3.1 Regional Geology

The region is underlain by Jurassic-Cretaceous intrusions of the coast plutonic complex and volcanosedimentary septa of the Jurassic Bowen Island Group and Cretaceous Gambier Group. Rocks west of the Brittain River mainly Jurassic whereas to the east they are mainly Cretaceous (Jurassic rocks fall into Monger's 1991 Sechelt tract and Cretaceous rocks into the Howe Sound tract).

3.2 Property Geology

The Rox property is underlain by a north-south striking steeply dipping succession of sediments and volcaniclastics that are intruded by diorite dykes/sills. The sediment-volcaniclastic package is part of a 15 km by 1-2 km septa of Bowen Island Group rocks that lie within Cretaceous-Jurassic granodiorites and diorites of the Coast Range Complex.

Previous mapping by Anaconda (1983; 1:5,000 scale) was checked during lithogeochemical surveying traverses. Anaconda divided the stratigraphy into six main units by lumping together packages of the stratigraphy. In ascening stratigraphic order they are: 1) Tuffaceous sandstone, minor argillite and lapilli tuff, 2) Chlorite-rich tuff with interbedded tuffaceous sandstone, minor argillite, 3) Argillite (thin bedded), minor carbonate and lapilli tuff interbeds, 4) Banded Argillite, sandstone, chert, minor lapilli tuff, 5) Siliceous Argillite, siltstone, tuff, chert, (weakly laminated) and, 6) Andesitic Breccia.

Throughout the succession "andesitic flows or diorite sills" intrude or lie within each stratigraphic unit.

Structure

The main structural feature on the property is a series of tight upright antiforms and synforms that plunge moderately to the north (Anaconda 1983). Minor tight upright folds similarly plunge to the north. Of note is one minor antiform that plunges moderately to the south as observed in the 1993 work.

Alteration

Alteration is characterized by widespread very weak disseminated sericite in "felsic" tuffaceous wackes and by weak-moderate disseminated to stringer-like chlorite-epidote quartz proximal to mineralization and associated with intermediate tuffs and

mafic intrusions.

Mineralization

Mineralization on the upper portion of the Rox claims mainly consists of stringer-type sulphides and disseminations with local massive sulphides. Massive sphalerite ± galena ± chalcopyrite is exposed at the upper adit as a 1-2 m thick podiform zone hosted by tuffaceous siliceous or silicified rocks. Mineralization at the Upper Trenches consists of stringers to disseminated pyrite ± chalcopyrite ± sphalerite. Drill core from the Upper Adit area and exposures at the Upper Trenches exhibits stringer sulphides over intervals of up to 30 m.

4.0 LITHOGEOCHEMISTRY and ASSAYS

4.1 Lithogeochemistry (Whole Rock and Rock Geochem)

A total of 54 rocks were collected for whole rock analysis. Samples were collected approximately every 50 to 100m on traverse lines spaced roughly 300 to 500 m apart. Samples were crushed and shipped to X-ray Labs for XRF analysis and analyzed at Noranda's Delta Lab for 28 element ICP (methods in Appendix IV) . Analysis are appended (Appendix III).

Results show the tuffaceous sediments mainly have an andesitic composition. Only One sample of an agglomeratic lapilli tuff is rhyolitic based on TiO_2, Zr and SiO_2 contents. Dykes/sills and massive flows are andesite to basalt in composition.

Hydrothermal alteration, based on a visual inspection of the data and rough contours of the major oxides, show Na2O depletion (<1.5%), K2O enrichment (>3.5%), CaO enrichment (>7.0%) and MgO enrichment (>6%) are limited in extent and mainly associated tightly with the mineralization or lie within the dykes and sills.

4.2 Assays

The Upper Adit and Upper Trenches were chip sampled (seven samples total). At the Upper Adit an interval of 4.2 m averaged 0.96% Cu, 8.06% Zn, 1.52% Pb, 163.4 g/T Ag, and 622ppb Au. The Upper Trenches returned low Pb-Zn values in the north-most trench and slightly higher values in the other trench 20 m below. Assay results are tabled below and appended (Appendix IV).

SAMPLE	LENGTH	%Cu	%Zn	%Pb	g/T Ag	Au (ppb)	Comments
427-P	1.0	0.02	1.34	0.82	23.2	310	Upper Tr.
427-Q	1.0	0.02	0.14	0.28	11.2	40	Upper Tr.
427-R	4.0	0.11	3.10	1.70	64.0	440	Upper Tr.
428-G	1.5	0.09	0.80	0.03	10.0	5	Upper Adit
428-H	0.4	1.62	30.50	11.20	496	310	Upper Adit
428-I	1.3	2.15	4.05	1.38	256	830	Upper Adit
428-J	1.0	0.46	15.20	0.08	140	1400	Upper Adit

5.0 CONCLUSIONS

Based on the work completed on the north portion of the Rox Property during August 17th to 23rd, 1993, the following conclusions can be made:

1. Dykes/sills or flows associated with mineralization are diorite/basalt in composition and are locally chlorite-epidote altered.

2. Alteration consists of weak very sericite and weak to moderate chlorite-epidote-quartz with local Na_2O depletion, K_2O enrichment, and CaO enrichment. Alteration is of limited extent based on the sampling conducted in the 1993 programme.

3. Felsic volcaniclastic rocks mapped by previous workers appear to be largely volcaniclastic sediments (tuffaceous wackes) and comprise a small portion of the stratigraphy overall based on lithogeochemical sampling and field observations.

6.0 RECOMMENDATIONS

It is recommended that the area between the upper and lower adits be covered as part of a lithogeochemical sampling program. If areas of significant Na_2O depletion, K_2O enrichment or Mg enrichment are detected then detailed mapping should follow and targets be outlined.

7.0 REFERENCES

Monger, J.W.H., 1991: Georgia Basin Project: structural evolution of parts of southern Insular and Southwestern Coast Belt, British Columbia *in* Current Research, Part A, Geological Survey of Canada, Paper 91-1A, p.219-228, 1991.

Riccio L, Crowe G., Scott A., Matysek P., 1983: Geological, Geochemical, Geophysical Report on the Lois 1-6, 8, 9, Fox and Diadem mineral claims. Assessment Report #11641.

Riccio, L., 1985: Diamond Drill Report on the Diadem, Lois 5-6-8-9 claims. Assessment Report #13814, Vancouver Mining Division.

Thorpe, W.H., 1989: Diadem Mineral Claims Assessment Report (#19502), Vancouver Mining Division, S.W. British Columbia.

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Michael Gray, of the City of Surrey, Province of British Columbia, do hereby certify that:

1) I am a geologist, residing at 19445 - 78th Avenue, Surrey, B.C.

2) I hold a BSc degree in Geology from the University of British Columbia.

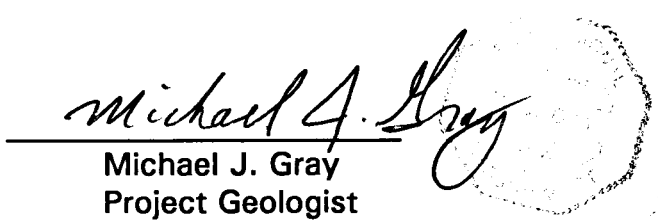
3) I have worked in mineral exploration in Canada and the U.S.A. since 1981.

4) I am a P. Geo. in good standing of the Association of the Professional Engineers and Geoscientists of B.C.

5) The work described in this report was conducted under my supervision and I have prepared this report based on the field observations of those contracted by Noranda Exploration Company, Limited.

6) I have been employed by Noranda Exploration Company/Falconbridge Limite (Exploration) since February 1988.

7) I have no interest in the property nor do I expect to receive any.



Michael J. Gray
Project Geologist

APPENDIX II

STATEMENT OF COSTS

A. Lithogeochemical Survey:

1) August 17th to August 23rd; 8 man days;
G. Gill/4 days @ $260/day = $1,040.00
M. Gray/4 days @ $260/day = $1,040.00
Total Cost = $2,080.00

2) Accommodation:
8 man days @ $60/day = $480.00
Total Cost = $ 480.00

3) Transportation:
Truck = $150.00
Helicopter (4.6 hrs @ $700/hr) = $3,220.00
Ferry = $30.00
Total Cost = $3,400.00

4) Analysis:
Whole Rock 72 samples @ $19.50/ea = 1,053
Rock Geochem 79 samples @ $12.00/ea = 648
Rock Assay 7 samples @ $ 10.00/ea = 70
Total Cost = $ 1,771

B. Report:
Writing: 2 days @ $260/day = $520.00
Drafting: 1 day @ $225/day = $225.00
Word Processing: 1 day @ $150/day = $150.00
Total Cost = $ 895.00

GRAND TOTAL = $ 8626.00

APPENDIX III

ANALYTICAL PROCEDURES

ANALYTICAL PROCEDURE

Rocks

ened to -80 mesh. Rock samples are pulverized to -120 mesh. A 0.2 gram sample is digested with 3 ml of $HClO_4/HNO_3$ (4 to 1 ratio) at 203°C for four hours, and diluted to 11 ml with water. A Leeman PS 3000 is used to determine elemental contents by I.C.P. Note that the major oxide elements and Ba, Be, Ce, Ga, La and Li are rarely dissolved completely from geological materials with this acid dissolution method.

For Au analyses, a 10.0 gram sample of -80 mesh material is digested with aqua regia and determination made by A.A.

APPENDIX IV

CERTIFICATES OF ANALYSIS

SAMPLE \ %	SIO2	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	MNO	TIO2	P2O5	CR2O3	LOI	SUM
426-A	66.3	12.6	6.43	2.78	4.00	.27	5.64	.13	.456	.13	<.01	1.45	100.2
426-F	73.7	12.9	2.18	.47	1.04	3.07	2.05	.05	.399	.13	.01	3.20	99.4
426-G	38.2	14.7	20.1	2.07	3.38	.34	9.91	.37	1.72	.21	<.01	9.55	100.6
426-H	47.9	15.6	9.91	8.27	1.79	.30	12.2	.21	1.05	.13	.03	1.10	98.6
426-I	71.5	11.3	7.57	1.44	.52	2.47	3.95	.21	.186	.06	<.01	.80	100.3
426-J	49.7	15.4	6.29	6.40	3.33	.63	14.6	.27	1.52	.21	.02	.75	99.3
426-K	50.0	13.7	6.69	4.70	4.39	.21	15.5	.22	2.66	.40	<.01	1.35	99.9
426-L	65.5	12.9	5.95	2.91	4.86	.35	6.43	.15	.488	.13	<.01	.45	100.2
426-M	56.0	14.6	6.87	3.40	2.04	1.12	12.8	.24	1.42	.36	<.01	.30	99.3
426-N	72.4	12.8	4.59	.97	4.05	.80	3.35	.07	.341	.13	.01	.50	100.1
426-O	57.2	13.9	9.00	2.75	5.02	.12	10.2	.29	1.50	.39	<.01	-.20	100.2
426-P	55.7	14.8	9.33	1.93	5.14	.15	10.7	.16	1.53	.40	<.01	.30	100.2
426-Q	55.2	12.3	10.9	3.78	.96	.21	13.5	.39	1.49	.54	<.01	.85	100.2
426-R	62.2	17.8	4.94	2.20	1.68	3.32	5.69	.24	.511	.15	<.01	1.30	100.2
426-S	63.1	17.5	6.14	1.26	3.21	2.59	4.52	.10	.449	.14	<.01	1.00	100.2
426-T	48.6	13.3	10.3	4.30	2.54	.19	16.2	.27	2.23	.42	.01	.20	98.7
426-U	62.1	15.0	1.22	1.68	.45	1.91	13.1	.17	2.80	.53	<.01	1.00	100.1
426-V	49.0	12.1	10.7	5.39	1.35	.18	17.0	.26	2.29	.48	<.01	.35	99.2
426-W	49.2	12.7	10.9	3.57	1.03	.42	17.5	.30	2.63	.53	<.01	.10	99.0
427-A	74.1	10.4	4.75	1.77	3.93	.67	3.29	.15	.219	.07	<.01	.55	100.0
427-B	54.5	13.8	8.83	4.51	2.36	.51	12.9	.27	1.36	.37	<.01	.15	99.7
427-C	50.3	12.3	6.64	3.21	2.99	.37	18.4	.32	3.62	.69	<.01	.85	99.8
427-D	51.2	12.5	7.56	4.29	1.23	.52	18.5	.26	2.94	.64	<.01	.15	99.9
427-E	73.5	12.4	2.68	.80	3.56	2.37	2.98	.08	.288	.10	<.01	1.10	100.1
427-F	77.2	12.3	.55	.30	5.51	1.67	1.10	.03	.176	.04	<.01	.65	99.6
427-G	68.2	13.0	5.82	.85	2.66	3.18	3.77	.17	.287	.08	<.01	1.95	100.2
427-H	69.1	14.6	2.10	.83	2.01	6.14	3.15	.08	.339	.10	<.01	.60	99.5
427-I	53.6	14.1	6.40	5.74	2.57	.39	13.7	.28	1.54	.41	<.01	1.20	100.0
* 427-L	66.8	15.6	3.42	.84	4.74	1.58	4.21	.14	.407	.17	<.01	2.10	100.2
* 427-M	60.8	13.7	7.26	3.97	.22	2.53	6.41	.18	.798	.26	<.01	2.95	99.3
* 427-N	53.4	11.3	19.7	5.38	.07	.77	8.10	.35	.379	.13	<.01	.65	100.3
427-O	48.4	12.1	10.5	4.77	1.80	.25	19.0	.48	2.33	.27	<.01	.35	100.3
427-S	48.7	13.6	9.23	6.69	2.28	.71	15.0	.26	1.52	.17	<.01	1.10	99.3
427-T	69.3	14.4	2.43	1.07	.96	6.03	2.59	.08	.310	.07	<.01	1.40	99.0
427-V	70.6	15.6	.95	.53	4.90	3.29	1.97	.05	.409	.07	<.01	1.75	100.4
427-W	66.4	14.5	1.80	1.48	2.21	3.13	4.79	.07	.584	.14	<.01	4.40	99.6
428-A	72.9	13.0	.61	.84	6.42	.52	3.55	.20	.659	.29	.01	1.25	100.3
428-B	66.9	11.5	3.82	2.48	1.36	2.28	6.75	.13	.554	.26	.02	3.75	100.0
428-C	60.4	16.0	5.23	2.40	4.19	1.06	8.16	.19	.739	.32	<.01	1.50	100.3
428-D	77.8	10.1	1.43	.36	5.42	.39	2.96	.05	.252	.08	.01	1.35	100.3
428-E	71.5	13.2	2.12	1.05	6.52	1.16	2.76	.07	.373	.12	.01	.75	99.8
428-F	50.2	12.6	10.2	4.46	2.46	.49	14.8	.22	1.67	.34	.02	1.50	99.0
428-K	78.3	9.17	.67	.90	.22	2.96	5.29	.33	.436	.14	.01	1.60	100.2
428-L	70.6	13.4	2.08	.69	4.58	2.97	3.43	.12	.356	.10	<.01	1.50	100.0
428-M	79.4	12.6	.06	.47	.14	4.05	.91	.02	.188	.05	.01	1.90	100.0

XRF W.R.A. SUMS INCLUDE ALL ELEMENTS DETERMINED. FOR SUMMATION, ELEMENTS ARE CALCULATED AS OXIDES

SAMPLE \ %	SIO2	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	MNO	TIO2	P2O5	CR2O3	LOI	SUM
428-N	75.8	12.4	3.49	.48	.42	3.95	2.15	.08	.258	.05	.01	1.00	100.2
428-O	46.9	17.3	3.22	9.96	2.93	.19	12.1	.23	1.05	.13	.03	4.20	98.3
428-P	69.7	12.3	6.30	.45	5.07	.99	1.77	.08	.278	.12	.01	3.00	100.2
428-Q	60.6	15.4	6.08	1.26	1.97	3.53	7.60	.16	.728	.18	<.01	2.00	99.7
428-R	72.8	14.7	.66	.85	.22	4.68	2.51	.20	.664	.19	<.01	2.60	100.4
428-S	66.4	14.2	5.18	1.48	2.06	.94	6.74	.14	.682	.23	<.01	1.40	99.5
428-T	42.7	16.2	7.40	6.92	1.24	.38	19.9	.67	1.58	.22	.01	2.90	100.2
428-U	66.8	13.6	5.39	1.10	2.91	2.91	5.15	.20	.534	.17	.01	1.30	100.2
428-V	70.2	14.2	7.48	.54	.87	1.97	3.51	.21	.415	.16	.02	.85	100.6
428-W	47.3	13.7	8.65	3.24	2.21	1.11	18.0	.57	2.68	.42	<.01	.65	98.6
429-A	64.2	14.3	5.29	1.14	3.82	1.37	8.22	.22	.783	.28	<.01	.50	100.3
429-B	69.1	12.9	6.94	.91	1.60	2.04	3.72	.14	.379	.12	.02	1.15	99.1
429-C	42.5	16.6	13.9	3.90	.87	1.10	16.1	.60	1.44	.20	.02	.80	98.1
429-D	57.6	15.2	4.70	1.99	2.07	3.38	10.9	.19	.803	.19	<.01	2.05	99.3
429-E	64.0	13.5	4.68	2.23	2.92	2.30	7.71	.22	1.05	.25	<.01	.70	99.7
429-F	67.8	13.8	4.29	1.48	2.19	1.43	5.88	.14	.625	.20	<.01	1.15	99.1
429-G	48.7	14.0	11.0	7.30	1.79	.56	13.9	.35	1.34	.18	.03	1.25	100.5
429-H	65.9	14.2	4.17	2.14	4.38	1.64	6.21	.15	.625	.19	<.01	.50	100.2
429-I	44.7	14.6	12.8	5.38	.36	.18	17.1	.74	1.32	.18	.02	.80	98.2
429-J	64.1	13.9	2.34	1.01	.83	4.79	10.2	.51	.508	.12	<.01	2.05	100.6
429-K	63.9	16.0	4.69	1.79	2.74	2.70	6.90	.55	.570	.21	<.01	.40	100.7
429-L	47.1	14.4	6.95	6.40	1.95	2.81	16.0	.32	1.17	.22	<.01	1.05	98.5
429-M	47.6	13.7	8.58	6.26	1.93	2.08	16.8	.31	1.09	.23	<.01	1.25	100.0
429-N	54.0	14.3	7.32	3.46	2.86	1.48	12.3	.37	1.52	.37	<.01	1.90	100.0
429-O	53.6	20.5	5.85	2.47	4.27	2.15	7.17	.13	1.14	.20	<.01	1.05	98.6
429-P	75.7	11.0	5.69	.68	2.42	.70	3.33	.09	.206	.04	<.01	.55	100.5
429-Q	68.0	13.3	4.68	1.00	4.96	2.24	4.53	.13	.382	.10	<.01	.65	100.2
429-R	66.8	14.2	4.30	1.71	7.19	.29	3.60	.12	.495	.11	<.01	.10	99.0
429-S	54.5	12.5	8.10	2.54	5.12	.55	13.4	.32	1.50	.21	<.01	.40	99.7
429-T	62.4	15.6	7.95	2.99	1.70	3.01	4.54	.15	.545	.22	.02	.75	100.9
429-U	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	--
429-V	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	--
429-W	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	--
D 426-A	66.4	12.6	6.41	2.79	4.02	.26	5.66	.14	.445	.13	<.01	1.40	100.3
D 426-R	62.1	17.9	4.95	2.21	1.67	3.32	5.68	.24	.511	.15	<.01	1.35	100.2
D 427-I	53.4	14.1	6.39	5.76	2.57	.39	13.6	.27	1.52	.40	<.01	1.15	99.6
D 428-F	50.1	12.5	10.3	4.47	2.46	.47	14.9	.22	1.69	.34	.02	1.30	98.8
D 429-A	64.3	14.2	5.29	1.12	3.85	1.37	8.19	.22	.788	.28	.01	.60	100.3
D 429-N	54.1	14.4	7.29	3.45	2.84	1.49	12.2	.36	1.52	.37	<.01	1.90	100.0

D - QUALITY CONTROL DUPLICATE
SMP.MISS. - SAMPLE WAS NOT RECEIVED AT XRAL

XRF W.R.A. SUMS INCLUDE ALL ELEMENTS DETERMINED. FOR SUMMATION, ELEMENTS ARE CALCULATED AS OXIDES

SAMPLE \ PPM	RB	SR	Y	ZR	NB	BA
426-A	<10	154	37	128	19	132
426-F	59	163	47	161	16	1300
426-G	<10	285	45	108	17	384
426-H	13	187	20	70	16	283
426-I	51	666	18	81	19	1740
426-J	39	483	18	108	21	632
426-K	<10	265	49	155	15	504
426-L	<10	175	23	112	18	206
426-M	23	321	32	143	17	1150
426-N	16	219	<10	95	29	358
426-O	<10	199	36	108	14	167
426-P	13	110	36	115	17	201
426-Q	<10	128	35	120	27	245
426-R	80	151	10	124	20	688
426-S	60	163	45	110	19	1200
426-T	<10	407	37	150	27	417
426-U	23	35	55	217	15	1140
426-V	<10	136	55	168	18	131
426-W	<10	224	50	178	29	474
427-A	20	293	11	92	20	514
427-B	17	316	17	121	14	1110
427-C	<10	284	61	241	19	400
427-D	19	175	58	225	<10	383
427-E	37	226	23	106	16	2140
427-F	35	93	12	115	24	479
427-G	37	138	14	123	<10	1920
427-H	82	99	<10	121	14	3910
427-I	13	120	37	113	26	265
427-L	28	445	30	144	17	962
427-M	44	219	41	140	<10	1220
427-N	22	472	17	93	13	239
427-O	<10	210	54	162	21	294
427-S	38	235	14	104	27	328
427-T	79	158	<10	133	<10	3120
427-V	54	256	30	186	19	2010
427-W	101	145	26	132	19	775
428-A	<10	43	58	139	30	281
428-B	45	161	45	152	31	1100
428-C	31	566	23	87	16	292
428-D	20	134	73	251	<10	261
428-E	10	269	18	102	<10	862
428-F	<10	254	52	152	12	224
428-K	106	12	19	188	20	1410
428-L	52	111	16	114	28	1320
428-M	63	18	12	130	32	1740

SAMPLE \ PPM	RB	SR	Y	ZR	NB	BA
428-N	70	72	28	109	20	1070
428-O	32	229	<10	62	40	283
428-P	<10	153	57	122	28	441
428-Q	81	179	25	143	17	859
428-R	105	<10	57	317	24	2560
428-S	41	195	46	157	10	297
428-T	<10	126	38	113	19	183
428-U	72	140	16	123	19	736
428-V	38	133	11	126	30	1240
428-W	22	147	63	209	21	411
429-A	46	209	45	210	17	576
429-B	54	192	33	177	25	586
429-C	46	228	18	103	19	270
429-D	110	174	24	185	<10	1480
429-E	79	245	43	147	<10	855
429-F	48	204	37	171	22	585
429-G	20	241	26	89	21	141
429-H	66	195	41	191	19	389
429-I	<10	172	31	83	29	93
429-J	140	68	<10	150	27	1400
429-K	123	377	24	121	26	1070
429-L	122	174	28	98	23	1080
429-M	71	249	16	107	11	950
429-N	46	248	36	136	36	549
429-O	74	248	17	168	<10	467
429-P	32	180	74	281	13	209
429-Q	29	208	22	110	24	1350
429-R	<10	187	19	102	35	189
429-S	<10	264	25	92	18	4230
429-T	45	295	11	83	20	599
429-U	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS
429-V	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS
429-W	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS	SMPMISS
D 426-A	19	172	29	115	19	117
D 426-R	81	159	<10	120	18	685
D 427-I	<10	110	31	109	22	254
D 428-F	<10	247	44	160	18	213
D 429-A	41	190	52	215	24	568
D 429-N	46	245	30	137	18	535

D - QUALITY CONTROL DUPLICATE
SMP.MISS. - SAMPLE WAS NOT RECEIVED AT XRAL

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: JERVIS – 144 **Geol.:** M.G. **Date received:** OCT. 26 **LAB CODE:** 9308–039

Material: 75 Rx **Sheet:** 1 of 2 **Date completed:** OCT. 28

Remarks: • Sample screened @ –35 MESH (0.5 mm)

¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
107	426 – A	5	0.2	1.11	2	50	0.2	5	0.85	0.2	45	4	45	17	2.07	0.17	11	6	0.49	230	1	0.21	6	0.05	2	19	0.23	33	27
108	F	5	0.2	4.32	2	462	0.5	5	0.98	4.0	49	3	67	26	1.44	1.42	12	15	0.22	275	27	0.19	16	0.06	2	49	0.07	375	235
109	G	5	0.2	2.35	12	175	0.5	5	10.02	0.2	84	36	61	181	5.69	0.24	7	13	0.96	2037	1	0.51	29	0.09	2	55	0.77	345	93
110	H	5	0.2	5.71	9	140	0.3	5	4.18	0.2	64	30	70	123	5.01	0.17	10	27	2.53	707	1	0.64	56	0.08	5	111	0.52	150	59
111	I	5	0.2	3.77	2	54	0.5	5	2.96	0.2	73	6	89	19	1.27	0.12	19	6	0.10	363	1	0.18	6	0.04	2	312	0.09	23	26
112	J	5	0.4	2.77	17	423	0.2	5	1.59	2.6	47	24	66	78	6.22	0.43	10	35	2.29	815	1	0.30	37	0.11	92	45	0.70	259	466
113	K	5	0.2	1.98	2	97	0.3	5	2.74	0.2	60	10	17	46	7.97	0.09	11	18	2.01	889	1	0.38	4	0.16	2	13	0.93	373	72
114	L	5	0.4	0.29	2	15	0.2	5	0.47	0.2	24	2	37	5	1.39	0.08	7	5	0.30	211	2	0.07	4	0.06	2	2	0.21	26	16
115	M	5	0.2	4.48	2	912	0.4	5	2.91	0.2	71	16	22	16	5.25	0.73	16	34	1.09	651	1	0.50	6	0.15	2	137	0.62	219	123
116	N	5	0.2	1.62	2	94	0.2	5	1.16	0.2	49	4	68	12	1.71	0.34	13	16	0.30	374	5	0.16	7	0.06	2	38	0.20	41	15
117	O	5	0.2	0.65	16	20	0.2	5	1.42	0.2	54	10	43	14	2.46	0.04	12	6	0.40	558	1	0.17	5	0.15	2	8	0.61	139	34
118	P	5	0.2	1.00	2	50	0.2	5	2.11	0.2	61	9	47	17	3.89	0.07	12	8	0.43	476	6	0.20	6	0.15	2	8	0.78	185	33
119	Q	30	0.2	4.67	2	193	0.5	5	3.98	4.1	74	5	31	13	3.41	0.14	15	12	0.50	914	1	0.32	4	0.22	18	88	0.73	84	559
120	R	5	0.2	5.91	2	232	0.5	5	2.13	0.2	75	6	39	14	3.39	1.61	22	28	1.01	1165	2	0.37	11	0.08	17	55	0.27	83	131
121	S	5	0.2	3.65	2	105	0.5	5	1.95	0.2	57	7	66	29	2.57	0.52	17	23	0.46	440	1	0.50	9	0.06	2	54	0.28	85	37
122	T	5	0.2	2.85	9	212	0.3	5	3.81	0.2	65	19	52	103	6.89	0.11	12	16	1.47	956	2	0.42	24	0.17	2	96	0.84	313	109
123	U	5	0.2	6.28	2	825	1.3	5	0.63	0.2	50	23	33	116	7.66	1.22	14	84	0.88	835	1	0.16	14	0.23	2	13	0.91	442	127
124	V	5	0.2	5.06	2	61	0.7	5	5.43	0.2	80	18	21	12	8.18	0.12	15	12	2.24	1147	2	0.72	12	0.20	2	108	0.78	308	79
125	426 – W	5	0.2	5.96	7	449	0.7	5	6.11	0.2	88	23	26	95	9.11	0.27	15	15	1.58	1399	1	0.63	15	0.23	2	191	1.03	409	152
126	427 – A	5	0.8	0.99	2	78	0.2	5	0.80	1.0	42	2	59	10	0.99	0.16	11	7	0.27	264	4	0.18	3	0.03	34	45	0.13	21	109
127	B	5	0.2	3.56	3	863	0.4	5	3.67	0.2	74	15	18	16	6.52	0.33	17	17	1.86	1189	1	0.56	5	0.15	2	98	0.59	205	122
128	C	5	0.2	1.74	9	195	0.3	5	2.44	0.2	78	8	21	76	8.23	0.22	17	24	1.16	1012	3	0.22	1	0.28	2	23	0.96	220	145
129	D	5	0.2	5.23	2	264	0.7	5	4.22	0.2	83	15	19	87	6.58	0.34	16	32	1.19	660	1	0.58	2	0.27	2	137	0.87	249	88
130	E	5	0.4	1.22	2	95	0.2	5	0.68	0.2	52	2	92	13	2.01	0.29	18	9	0.30	219	7	0.11	3	0.04	2	31	0.09	43	44
131	F	5	0.2	0.80	2	44	0.2	5	0.08	0.4	52	3	67	9	0.72	0.34	24	7	0.13	119	1	0.10	3	0.01	4	5	0.04	13	8
132	G	5	0.2	1.75	5	79	0.2	5	2.47	0.2	75	2	60	16	2.31	0.38	23	9	0.38	831	6	0.25	7	0.03	2	26	0.18	51	22
133	H	5	0.2	1.62	2	82	0.2	5	0.64	0.5	33	3	67	16	2.24	0.54	9	13	0.44	376	1	0.20	7	0.05	2	10	0.21	54	112
134	I	5	0.2	2.99	2	115	0.2	5	2.07	0.2	61	13	24	15	5.80	0.22	14	24	1.93	839	1	0.27	4	0.16	5	20	0.73	212	103
135	L	5	0.2	1.03	2	43	0.2	5	0.49	0.2	49	3	61	10	2.87	0.41	16	12	0.46	779	1	0.12	1	0.06	2	17	0.21	18	67
136	M	5	0.2	5.46	2	83	0.7	5	3.58	0.2	74	11	28	41	3.86	0.52	18	24	0.98	440	8	0.11	15	0.12	2	124	0.32	85	49
137	N	5	0.2	4.84	2	9	0.4	5	6.02	1.8	78	4	19	25	3.11	0.04	13	6	0.08	531	1	0.03	17	0.07	2	328	0.24	65	228
138	O	5	0.2	3.57	9	179	0.4	5	4.70	0.2	59	26	13	44	9.20	0.16	9	16	1.98	2172	1	0.47	12	0.12	2	72	0.90	356	141
139	S	5	0.2	3.33	8	156	0.3	5	3.57	0.2	53	27	24	129	7.15	0.29	10	37	2.69	1109	1	0.35	26	0.08	11	52	0.61	233	127
140	T	5	0.2	3.25	2	111	0.5	5	1.42	0.2	48	4	75	16	1.73	0.61	14	17	0.54	434	6	0.29	8	0.04	6	39	0.08	37	29
141	427 – V	5	0.2	2.25	2	342	0.3	5	0.22	0.2	36	3	67	21	1.50	0.91	16	12	0.28	220	2	0.08	6	0.03	4	13	0.16	41	35

01/1 Vane ff

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
142	427 – W	5	0.2	3.69	2	274	0.3	5	0.33	0.4	43	7	49	39	3.49	1.51	15	18	0.81	362	12	0.11	15	0.07	2	26	0.20	174	76
143	428 – A	5	0.2	1.27	8	151	0.2	5	0.18	0.2	44	1	88	40	2.68	0.36	17	21	0.49	1082	1	0.12	5	0.13	9	4	0.33	154	52
144	B	5	0.2	4.22	20	445	0.5	5	1.88	0.9	78	9	88	64	4.55	1.39	24	24	1.25	690	8	0.35	22	0.12	2	68	0.22	193	106
145	C	5	0.2	2.24	3	89	0.2	5	1.70	0.2	71	9	33	38	5.50	0.43	17	29	1.28	1094	1	0.21	1	0.14	2	52	0.48	94	78
146	D	100	0.2	0.68	21	94	0.2	5	0.85	0.8	61	1	110	15	2.28	0.25	19	6	0.20	238	10	0.11	3	0.04	2	14	0.05	19	62
147	E	5	0.2	0.53	8	51	0.2	5	0.81	0.2	54	6	102	16	1.89	0.27	18	7	0.34	265	2	0.12	7	0.05	4	14	0.09	39	26
148	F	5	0.2	2.46	2	142	0.2	5	3.18	0.2	68	15	81	92	5.89	0.30	10	10	1.04	788	5	0.22	18	0.16	2	69	0.95	151	66
151	K	5	0.2	4.01	2	949	0.5	5	0.37	6.2	42	6	40	79	3.54	1.95	17	16	0.48	1950	1	0.07	7	0.07	92	11	0.22	68	981
152	L	5	0.2	1.29	2	39	0.2	5	1.01	1.7	54	1	65	33	2.35	0.42	17	6	0.32	552	6	0.09	3	0.04	16	28	0.22	54	201
153	M	5	0.2	5.14	2	1103	0.4	5	0.06	8.4	48	2	14	11	0.58	2.44	22	9	0.21	62	1	0.04	4	0.04	4	4	0.10	25	834
154	N	5	0.2	4.12	2	146	0.6	5	2.15	0.2	85	4	65	16	1.43	0.83	23	9	0.19	365	11	0.17	8	0.03	12	30	0.10	31	20
155	O	5	0.2	4.78	7	81	0.2	5	0.86	0.2	38	40	92	100	7.14	0.09	11	38	5.29	918	1	0.17	87	0.09	2	25	0.54	215	83
156	P	5	0.2	0.89	15	111	0.2	5	3.33	0.6	71	4	102	24	1.30	0.43	15	8	0.23	432	18	0.11	20	0.05	8	22	0.07	90	29
157	Q	5	0.2	4.28	14	67	0.6	5	3.02	0.2	72	12	55	52	4.90	0.54	19	16	0.50	698	2	0.60	15	0.09	3	80	0.44	140	72
158	R	5	0.2	6.31	2	1689	0.7	5	0.44	2.8	47	1	11	27	1.78	2.99	16	16	0.44	1051	7	0.08	4	0.10	336	12	0.36	79	359
159	S	5	0.2	4.77	3	198	0.5	5	2.54	1.4	74	11	49	264	4.63	0.64	19	16	0.82	845	4	0.49	16	0.11	3	83	0.42	164	163
160	T	5	0.2	5.95	5	62	0.3	5	3.04	0.2	63	48	45	50	10.49	0.22	17	23	3.02	3380	1	0.24	38	0.12	23	68	0.71	271	279
161	U	5	6.0	2.33	2	19	0.3	5	2.66	4.0	67	8	99	59	3.42	0.40	14	11	0.45	1076	3	0.16	14	0.08	468	39	0.34	201	457
162	V	5	0.2	5.79	2	314	0.6	5	4.45	0.2	77	4	60	56	2.58	0.89	16	8	0.21	1296	11	0.27	7	0.08	2	80	0.27	82	37
163	428 – W	5	0.2	4.38	2	305	0.3	5	4.51	0.2	75	25	30	61	10.72	0.73	10	14	1.42	2660	3	0.20	2	0.20	2	71	1.36	326	186
164	429 – A	5	0.2	2.73	2	196	0.2	5	2.59	1.3	79	11	63	220	6.21	0.79	20	14	0.62	1353	4	0.16	6	0.13	2	53	0.51	106	377
165	B	5	0.2	3.89	2	100	0.4	5	3.89	0.7	83	3	70	44	2.50	0.66	21	8	0.30	645	5	0.11	12	0.06	2	77	0.25	167	134
166	C	5	0.2	7.59	2	172	0.7	5	7.18	1.3	53	21	59	354	8.61	0.65	11	12	1.31	2369	1	0.40	31	0.12	10	196	0.88	277	366
167	D	5	0.2	4.54	2	455	0.4	5	2.44	0.2	72	15	28	167	7.81	1.67	19	17	1.04	1131	2	0.16	10	0.10	2	58	0.50	164	95
168	E	5	0.2	2.85	2	227	0.3	5	1.99	0.2	67	11	53	75	5.48	1.03	18	12	1.10	1353	6	0.22	17	0.11	2	52	0.64	223	103
169	F	5	0.2	4.70	2	449	0.5	5	2.25	6.6	67	6	35	50	4.49	1.03	18	14	0.85	882	1	0.33	8	0.10	2	71	0.35	99	768
170	G	5	0.2	4.50	2	78	0.3	5	4.06	0.2	54	21	74	17	6.02	0.34	9	19	2.20	1249	4	0.43	33	0.10	2	114	0.76	187	96
171	H	5	0.2	2.12	3	160	0.3	5	1.49	0.2	66	8	44	38	3.95	0.97	19	16	1.04	773	3	0.15	6	0.08	2	32	0.37	78	62
172	I	5	19.6	6.60	2	26	0.5	5	5.96	11.0	70	31	60	4825	6.78	0.11	8	8	1.44	2557	2	0.19	28	0.11	6	151	0.74	196	1268
173	J	5	37.6	4.66	48	225	0.4	5	1.25	6.7	53	37	31	2687	6.32	1.82	13	10	0.49	2975	2	0.17	7	0.08	213	29	0.29	95	892
174	K	5	0.2	4.28	2	316	0.2	5	1.91	0.2	68	9	24	57	4.88	1.58	18	17	1.02	3443	4	0.36	1	0.10	48	103	0.34	84	126
175	L	5	0.2	4.42	3	826	0.3	5	3.09	0.2	65	19	10	93	9.08	1.74	11	23	3.09	1684	1	0.32	21	0.11	2	52	0.67	183	207
176	M	5	0.2	4.09	2	459	0.3	5	3.81	0.2	72	36	11	227	8.97	1.23	14	17	2.80	1511	1	0.37	29	0.11	2	91	0.54	186	187
177	N	5	0.2	3.63	7	318	0.4	5	3.37	0.2	81	9	12	80	6.93	0.77	16	12	1.60	1792	1	0.35	5	0.15	6	77	0.82	246	169
178	O	5	0.2	4.38	2	311	0.4	5	2.08	0.5	68	7	34	26	4.66	1.30	14	14	1.26	689	3	0.34	6	0.10	2	52	0.66	211	143
179	P	5	0.2	2.07	20	20	0.2	5	2.27	0.5	86	17	68	15	1.64	0.15	22	5	0.12	253	2	0.09	7	0.02	3	43	0.11	27	46
180	Q	5	0.2	0.69	27	18	0.2	5	0.99	0.2	55	20	76	56	1.70	0.06	17	2	0.04	158	4	0.09	7	0.04	2	21	0.20	32	14
181	R	5	0.2	0.30	18	20	0.2	5	0.55	0.2	49	7	89	8	0.59	0.08	17	4	0.13	143	1	0.15	7	0.03	2	8	0.20	22	13
182	S	5	0.2	1.15	20	3052	0.2	5	1.50	0.2	47	16	44	69	4.62	0.31	9	14	0.77	653	1	0.22	18	0.09	2	24	0.79	214	85
183	429 – T	5	0.2	4.51	2	48	0.5	5	3.26	0.5	85	4	63	28	1.93	0.33	24	13	0.67	444	1	0.51	6	0.09	38	117	0.25	67	73

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: JERVIS – 144 **Geol.:** M.G. **Date received:** AUG. 26 **LAB CODE:** 9308–039
Material: 88 Rx **Sheet:** 1 of 1 **Date completed:** SEP. 15 R #100180
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ Organic, A Humus, S Sulfide Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)
ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	
269	¤ 426 – B	5	0.2	4.96	14	90	0.6	5	3.83	0.2	78	15	123	62	4.25	0.19	17	8	0.43	349	11	0.46	53	0.14	2	135	0.55	69	49	
270	¤ C	5	0.8	3.83	8	27	0.6	5	2.99	0.2	83	7	101	62	2.26	0.23	27	11	0.25	153	7	0.18	24	0.20	2	83	0.18	121	30	
271	¤ D	5	0.2	3.90	28	295	0.7	5	2.59	0.2	75	21	50	174	7.12	0.68	19	36	1.20	888	4	0.36	27	0.14	9	91	1.31	515	105	
272	¤ 426 – E	5	0.2	3.59	16	96	0.3	5	3.34	1.0	67	33	56	158	6.30	0.19	12	18	0.61	334	4	0.32	31	0.09	2	188	0.38	117	143	
273	¤ 427 – J	5	0.2	5.89	14	78	1.0	5	4.36	2.2	86	25	31	48	10.35	0.61	19	22	0.75	1851	6	0.28	11	0.18	30	136	0.76	202	268	
275	¤ K	5	0.2	5.56	34	233	1.2	5	2.44	0.2	100	14	66	9	2.84	1.43	32	23	0.56	1255	10	0.25	19	0.18	8	88	0.90	293	88	
276	P	310	24.0	4.50	3264	282	0.4	5	1.40	79.4	49	41	65	198	7.39	0.89	10	40	0.97	12000	7	0.12	18	0.21	7113	49	0.57	247	13000	✓ N. Tren
277	Q	40	9.6	3.64	172	254	0.2	6	0.79	7.7	40	6	69	182	6.01	1.21	11	52	0.77	4492	14	0.14	11	0.11	2462	34	0.47	200	1391	" N. Tren
278	427 – R	440	64.0	5.74	76	105	0.5	5	2.78	175.3	60	24	52	1102	8.82	0.56	12	43	1.25	11000	5	0.17	25	0.37	15000	82	0.82	280	29000	" N. Tren
279	428 – G	5	9.6	3.90	114	565	0.4	6	1.18	48.0	49	25	97	914	7.50	1.27	16	15	0.44	12000	7	0.09	28	0.13	462	28	0.40	150	7483	" UPPER
280	H	310	496.0	0.28	2947	2	0.2	193	0.64	2000.0	20	134	13	15000	14.81	0.03	9	1	0.14	10000	22	0.01	14	1.52	25000	8	0.02	15	~24%	" UPPER
281	I	830	268.0	3.55	4418	250	0.6	75	0.92	260.3	51	98	87	22000	9.10	0.81	20	12	0.31	29000	2	0.04	29	0.39	19000	15	0.19	76	35000	" UPPER
283	428 – J	1400	132.0	2.25	713	138	0.2	115	0.42	926.1	43	159	49	4363	9.96	0.31	18	10	0.44	11000	1	0.02	17	1.00	1068	7	0.15	49	~12%	" UPPER

N.B. : High grade geochem results of Cu Pb Zn – checked by AA.

17/09 GP

APPENDIX V

ROCK SAMPLE DESCRIPTIONS

NORANDA EXPLORATION C('PANY, LIMITED 0426

White - Office
Yell Field

3 _____ PROJECT NO. _____ PROPERTY JERVIS/SKWIM. N.T.S. 92

RT. NO. _____ GRID REFERENCE _____ DATE Aug 24/83

SAMPLE REPORT

SAMPLE #	DESCRIPTION	TYPE	WIDTH	ASSAYS			CO-ORDINATES		SAMPLER
A	Fg silic, bleached sedis/tuffs 2-3% vfg diss py	grab		~~Assay~~ WR.					
B	As above fg, ff diss py (po?)	"		Assay					
C	Limonitic, v. fg pyritic, black argillite (graphitic)	"		"					
D	As above	"		"					
E	Limonitic, siliceous sedis 10% vfg diss py	"		"					
F	Black, locally graphitic argillites. 5% diss, ff py	"		WR.					
G	Fg dense diorite sill	"		WR					
H	Amygdaloidal, feldspar phyric andes flow	"		"					
I	Aphyric, silic dacitic tuff. Weak sericite	"		"					
J	Chlorite alt., well foliated andes/dac. ash tuff	"		"					
K	Mg-cg andes flow/diorite? Chlor. mafics. Hematite fracs	"		"					
L	Massive, feldspar phyric felsic flow	"		"					
M	Foliated chloritic andes flows - no sulfides	"		"					
N	F-mg. dacitic tuff.	"		"					
O	Fel phyric ~~dacite~~ (lapilli tuff)	"		WR					
P	Mottled grey-green-white andes lapilli tuff - minor hematite	grab		WR					
Q	Fg grey, silic, thinly lamin. andes/dac tuff >1% py - chlorite fracs/blebs	"		"			- pseudo chl. stringers?		
R	Fg, feldphyric andes/dac ash tuff. Biot alt? 2% vfg d. py	grab		"					
S	Mg, grey, foliated 1% <1mm dacitic tuff QE 1-2% py	"		"					
T	Fg, chloritic, foliated andes tuff	"		"					
U	Silic seds - rusty ?	"		WR					
V	Andesite lapilli tuff-tuff; 2-8 mm chloritic porphyritic?	"		WR					
W	Chlorite alt (stringers, masses, cleavage) andes tuff	grab		WR					

NORANDA EXPLORATION COMPANY, LIMITED

0427

White - Office
Yellow - Field

PROJECT NO. _____ PROPERTY Jervis/Skwim. N.T.S. _____

RT. NO. _____ GRID REFERENCE _____ DATE Aug 24/93

SAMPLE REPORT

SAMPLE #	DESCRIPTION	TYPE	WIDTH	ASSAYS	CO-ORDINATES	SAMPLER
A	Fg-mg massive dacite. chloritic frags/amygdules	grab		WR		
B	Chlor. stringers, fract + cleav. planes in andesite tuff?	"		"		
C	Attenuated, pillowed basalt. Goethite rims pillows	"		"		
D	Fg-mg, foliated andesite. Chloritic cleavage, fracs 5% sulphide burns	"		"		
E	Fg, grey, silic felsic tuff 1-2% fg diss py	"		"		
F	Dacite tuff? massive, siliceous, Dyke?	"		"		
G	QFxl Rhyolite tuff, 15% Fp, 5% Qxl, <1% lithics	"				
H	Cg, lapilli qtz-feld-lithic felsic tuff - Rhyolite	grab		WR		
I	Dacite ALT, andesitic? matrix, w-m chl, 5% rusty patches	"		"		
J	V. limonitic, pyritic (3-5%) fractured andes	"		assay		
K	Fg, blk, graphitic argillite 2-3% vfg diss py	"		assay		
L	Fp - Hb Ø Dyke, rusty weath, 1-2% py	"		WR		
M	Vfg, glassy, silica grey tuffs/beds - bxtd & silic healed	"		WR		
N	As above. 1% py	"		"		
O	Massive andes sill/flow?	"		WR		
P	Mg andes flow/sill?, feldphyric 4-5% plag, 2-3% hbl 3% py	chip	1.0m	assay		
Q	Fg andes + chlor/clay alt interbeds + veinlets. Mins as above	chip	1.0m	assay		
R	Mg and flow/sill, mineralized 3% Cpy, 1% Sp, 0.5% Cp str.	chip	4.0m	assay	- upper northmost trenches	
S	Mg and flow/sill - chloritic	chip grab		WR		
T	Mg feld, qtz felsic lapilli tuff	grab		WR		
U	Chloritic, fg foliated andes ash tuff	"		WR		
V	5m thick felsic qtz-feld lapilli tuff, 5% QE, 20% Fp	"		WR		
W	Vfg, siliceous, rusty siltstone	"		WR		

NORANDA EXPLORATION COMPANY, LIMITED 0428

White - Office
Yellow - Field

PROJECT NO. _____ PROPERTY Jervis/Skwim. N.T.S. _____

NO. _____ GRID REFERENCE _____ DATE Aug 24/83

SAMPLE REPORT

SAMPLE #	DESCRIPTION	TYPE	WIDTH	ASSAYS	CO-ORDINATES	SAMPLER
A	R-Dac (Dyke?), crude stwk silicification	grab		WR		
B	Blk, aphanitic, pyritic argill. + qtz veinlets + py (3%)	"		WR		
C	Fp ø Dac-Andesite dyke - biotitic, 1-2% py	"		WR		
D	Laminated tuff?, siliceous sed?, tr-1% fg py	"		WR		
E	Feld phyric, feldspar porphyry (3-4mm) dyke 2-3% diss py	grab		WR		
F	Fg, feld. phyric, chlor. andes tuff. 1-2% fg, ff, cleav. py	"		"		
G	Silicified siltstone(?) 5% Qtz veins ± chl fract <1% py, 1% sp	chip	1.5m	ASSAY		
H	Massive Sp-Ga ± Cp est 40% Sp 15% Ga 2% Cp	chip	0.4m	↓	UPPER ADIT ← est 3% Ga, 1% Cp, 3% Sp, 3-5% py	
I	Siliceous tuff/sed with stwk sulphide (5%) Ga-Sp Cp	chip	1.25m	↓		
J	Siliceous tuff/sed 10-20% stks + podding sulphides (Cp stringers)	chip	1.00m	ASSAY	← est 1% Cp, 2% py/po, 8% Sp, <1 Ga	
K	Silicified siltstone? sim to 428-G	grab		WR		
L	Fg andes ash tuff. Minor 1-2mm wide cc veins <1% py	"		WR		
M	Fg-mg qtz-feld lapilli felsic tuff. 5% qtz eyes. 2% diss py	"		WR		
N	Fg, grey felsic tuff + minor (1mm) qtz eyes. Limonitic fracs	"		"		
O	Fg andes sill? or tuff?	"		WR		
P	Thinly laminated, silic., pyritic (2%) blk arg + siltstones	"		"		
Q	As above - rusty, 2-3% fg diss ff py (po?) + qtz stringers	"		"		
R	Siliceous siltstone? or tuff.?, silicified?	"		WR		
S	DDH 84-7 8-11m Blk, arg/siltst.	Selective core		WR		
T	" 25.7-29.7m Fg andes ash tuff. Minor chlorite	"		"		
U	" 39.3-42.3m Interbedded arg/silt	"		WR		
V	" 53.5-56.5m L. grey, foliated, qtz-epidote silt	"		WR		
W	" 66.1-71.1m Chlor. alt andes. 2-3% diss py/po, epid. stringers, sulfide zone.	"		WR		

NORANDA EXPLORATION COMPANY, LIMITED 0429 White - Office Yellow - Field

PROJECT NO. _____ PROPERTY Jewis/SKWIM. N.T.S. _____

GRID REFERENCE _____ DATE Aug 24/93

SAMPLE REPORT

AMPLE #	DESCRIPTION	TYPE	WIDTH	ASSAYS			CO-ORDINATES		SAMPLER
A	DDH-84-5 17.7-20.7m Biotalt? interbedded andes/seds	Selec. core		WR.					
B	" 40.5-43.5m Interbed seds/tfs	"		WR					
C	" 59.7-61.7m Chl. alt tfs/seds + qb-epid stringers	"		WR					
D	" 71.5-74.5m Silic tfs/seds + py, chlor stringers	"		WR					
E	" 81.7-83.7m chlor/biotalt tfs/seds	"		WR					
F	DDH 84-6 11.3-14.3m silts/arg/tfs-graphitic	"		WR					
G	" 16.5-18.5m Mod-chlor alt-andes 2% py(po)	"		WR					
H	" 34.5-37.5m Grey/green andes/dac tf.	"		WR					
I	" 57.5-60.5m chlor andes tf. Py, Po, cpy stringers	"		WR					
J	" 78.0-81.0 Silic, graphitic seds + 3-5% po stringers	"		WR					
K	" 82-83.0m Feld phyric andes/dac. epid alt	"		WR					
L	" 99.1-102.1m chl. andes. 2-5% po + sphal, cpy stringers	"		WR					
M	" 116.7-119.7m Feldphyric andes, chlor. 10-15% po stringers	"		WR					
N	Fg, grey andes tuff. Chlor. cleavages 2% py	Grab		WR					
O	Andesite tuff/flow? weak foliation, 10% 2-5mm chl str 10% sulphide bands	grab		WR					
P	Fg, silic, 'cherty' tfs/seds	grab.		WR					
Q	Siliceous And tuff? rusty, med foliation	grab		WR					
R	Silic. epid andes/dac tfs. Local epid/chlorite	grab		WR					
S	Fmg silic, minor chlor alt and/dac tuff	grab		WR					
T	" " " " dac. tf	grab		WR					
U									
V									
W									

5542170.4059N

424222.6420E

Skwim Lake

ROX 3

ROX 4

ROX 5

ROX 2

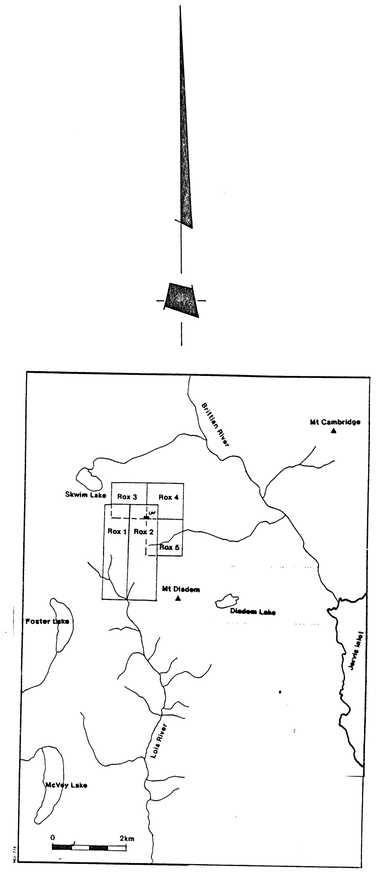
ROX 1

426L
426M
427D
426N
426O
426P
427P
427E
427C
427G
427B
427I
427J
427A
427O
427P
Upper Trenches
427Q
427R
427S
427T
426W
426V
426U
426T
428A
427U
426S
426R
426Q
428B
428C
428D
429T
429S
428P
428Q
428N
428E
428O
428M
428F
429R
429Q
Upper Adit
428L
429N
429P
428I
428H
428J
428G
428R
428K
429O

305350 305351
LCP 305352

2851 (209008) 2852 (209009)
LCP

Lois Clk.



INDEX MAP

LEGEND

□429S Whole rock analysis

△427H Rock assays

NOTE: Claim boundaries and post locations are from topographic maps.

ASSAY TABLE
-UPPER TRENCHES AND UPPER ADIT-

SAMPLE	LENGTH	%Cu	%Zn	%Pb	g/T Ag	Au (ppb)	Comments
427-P	1.0	0.02	1.34	0.82	23.2	310	Upper Tr.
427-Q	1.0	0.02	0.14	0.28	11.2	40	Upper Tr.
427-R	4.0	0.11	3.10	1.70	64.0	440	Upper Tr.
428-G	1.5	0.09	0.80	0.03	10.0	5	Upper Adit
428-H	0.4	1.62	30.50	11.20	496	310	Upper Adit
428-I	1.25	2.15	4.05	1.38	256	830	Upper Adit
428-J	1.0	0.46	15.20	0.08	140	1400	Upper Adit

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,319

100 50 0 100 200 300 400M.

420469.2359E

5538214.7756N

REVISED	ROX PROPERTY
	LITHOGEOCHEMICAL & ASSAY SAMPLE LOCATIONS
PROJ.No.	SURVEY BY: DATE: FEB.17/94
N.T.S. 92K/1	DRAWN BY: GM SCALE: 1:5000
DWG No. FIG. 3	NORANDA EXPLORATION OFFICE: VANCOUVER