

GEOCHEMICAL REPORT ON THE
ACTION CLAIM

Cariboo Mining Division
N.T.S. 93 H/11, 12

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

By: Fraser Stewart

December 1989

19645

LOG NO:	0207
ACTION:	
FILE NO:	

GEOCHEMICAL REPORT ON THE
ACTION CLAIM

Cariboo Mining Division

N.T.S. 93 H/11, 12

Latitude: 53° 35'

Longitude: 121° 30'

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

By: Fraser Stewart

December, 1989

TABLE OF CONTENTS

SUMMARY			1
INTRODUCTION			2
LOCATION & ACCESS			2
PHYSIOGRAPHY			2
CLAIM STATISTICS			2
PREVIOUS WORK			3
REGIONAL GEOLOGY			3
PROPERTY GEOLOGY			3
GEOCHEMICAL SURVEY			4
CONCLUSIONS			5
RECOMMENDATIONS			5
APPENDIX I	Statement of Costs		6
APPENDIX II	Statement of Qualifications		7
APPENDIX III	Analytical Procedure		8+
APPENDIX IV	Geochemical Results		
FIGURE 1	Location Map	1:8,000,000	2a
FIGURE 2	Claim Map	1:50,000	2b
FIGURE 3	Sample Location Map	1:5,000	in pocket

SUMMARY

The Action claim was staked by Noranda in November, 1988 to secure an area that contained an anomalous silt sample from a Regional Geochemical Survey.

The property is underlain by Upper Proterozoic to Cambrian continental margin sediments of the Mural Formation. This includes limestone, siltstone, shale, sandstone and quartzite. There are no igneous rocks present.

A soil geochemistry survey detected some significant lead and zinc values. There were 67 samples that were anomalous in zinc (over 200 ppm), 13 samples anomalous in lead (over 50 ppm), and 11 samples anomalous in silver (over 0.5 ppm). The anomalous values have their highest density within the main creek valley on the west side of the claim. This valley is interpreted as a fault and may be the source.

A detailed prospecting and rock sampling survey in the creek valley is recommended to locate the source and determine the significance of the anomalous lead, zinc, and silver values.

INTRODUCTION

The Action claim was staked by Noranda in November 1988, on the basis of a stream sediment anomaly. A Regional Geochemical Survey indicates that the main creek draining the property is anomalous with respect to zinc.

The report describes the geological and geochemical surveys undertaken in 1989 to assess the economic potential of the property. All work was performed by employees of Noranda Exploration Company, Limited.

LOCATION AND ACCESS

The property is located approximately 110 km southeast of Prince George, B.C. It can be accessed from Highway #16 West and the Bowron logging road heading southeast (see Figure 1). The survey employed the use of rental trucks from Prince George.

PHYSIOGRAPHY

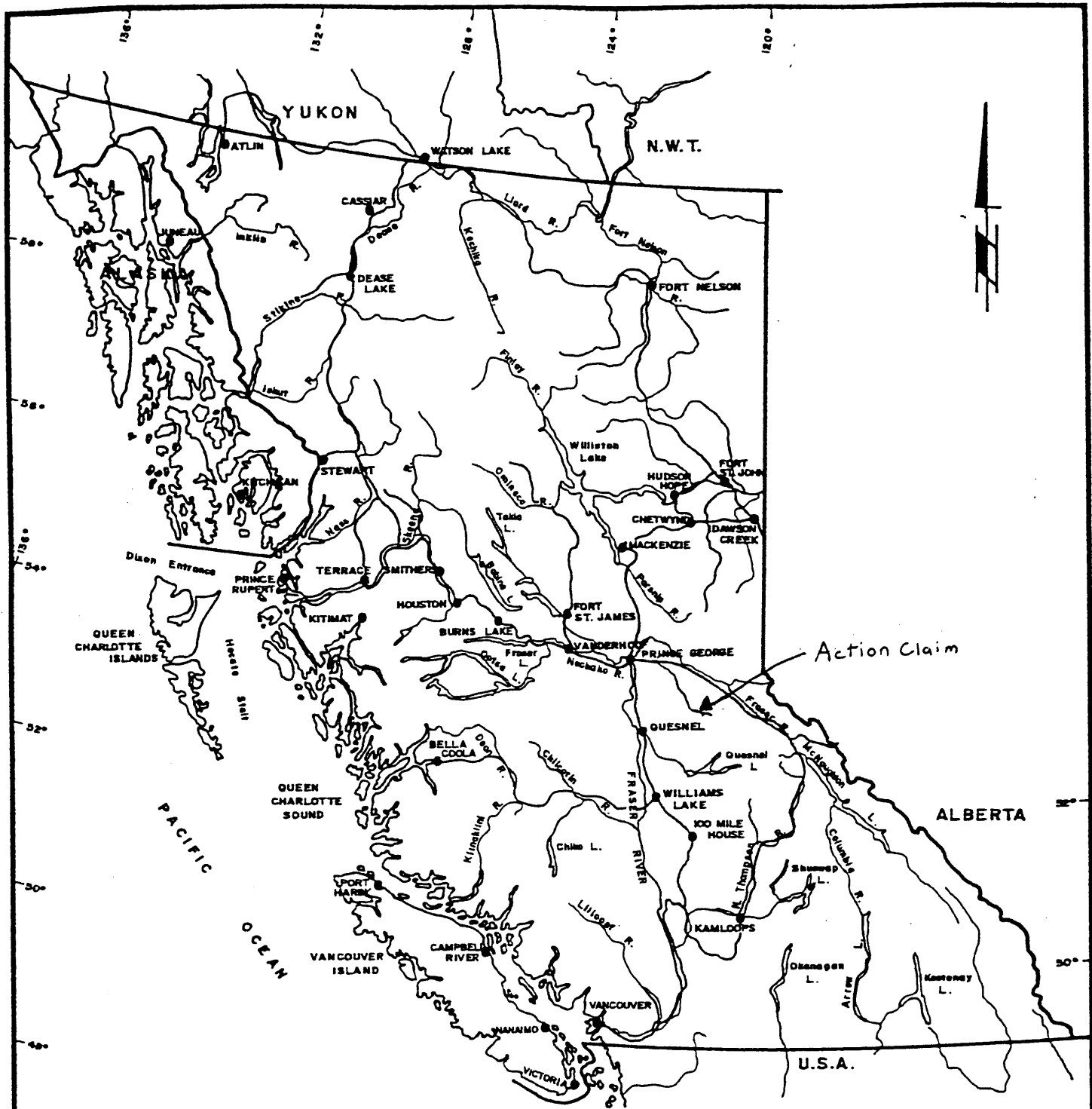
The Action claim is located in the Cariboo Mountains. The slopes are steep to very steep, with a maximum range in elevation from 1000 m to 1430 m over a horizontal distance of 2.2 kilometres. The property is cut by several south flowing creeks with steep banks cutting through limestone.

Most of the claim is either part of an old clearcut or an old burn and is only sparsely vegetated with grass and scrub alders.

CLAIM STATISTICS

The Action property is comprised of a single 20 unit claim block listed below (see Figure 2).

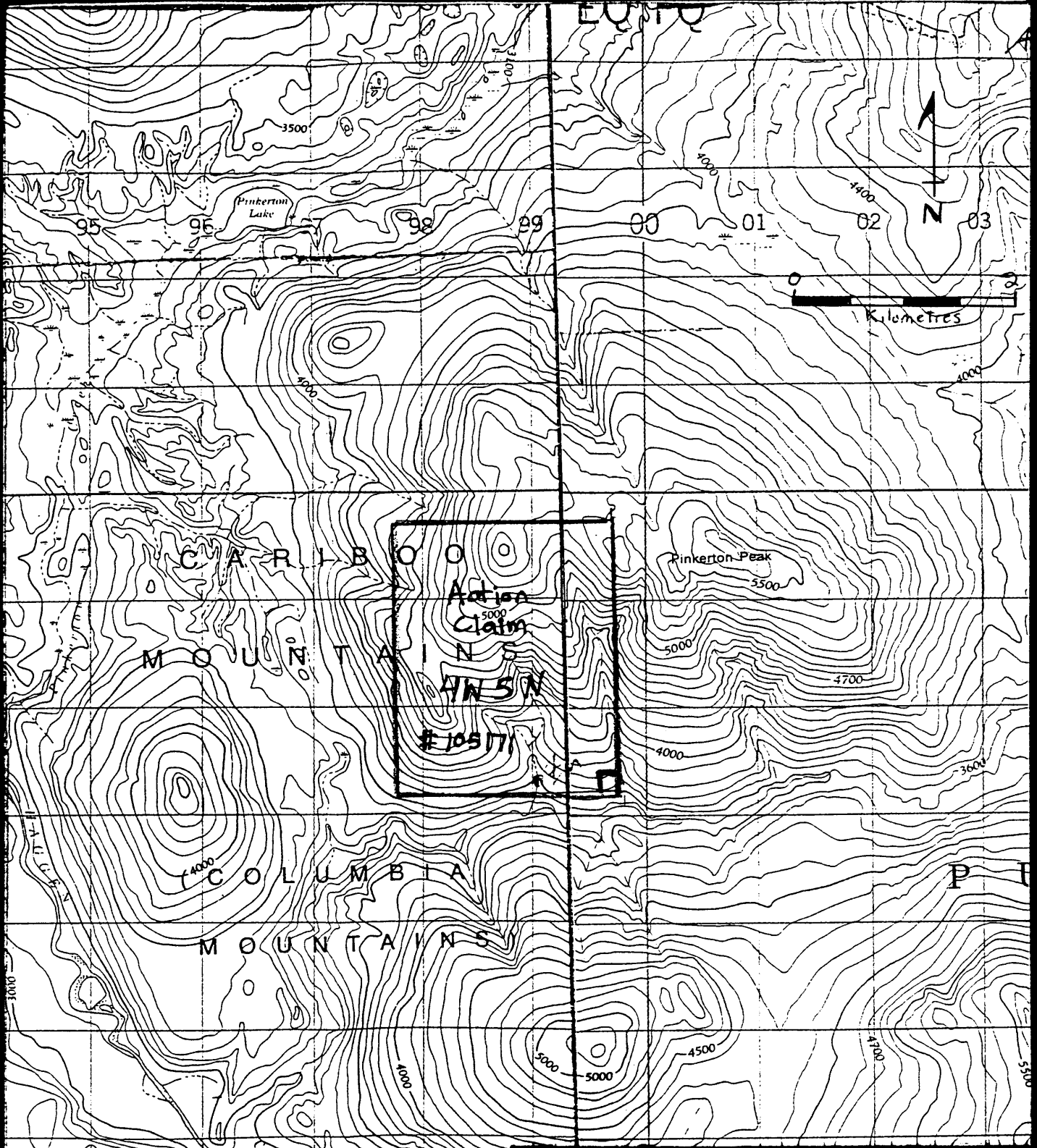
<u>Name</u>	<u>Record #</u>	<u>Record Date</u>	<u>Units</u>	<u>Expiry Date</u>
Action	9509	Nov. 11, 1988	20	Nov. 11, 1990



0 100 200 KILOMETRES
SCALE: 1:8,000,000

REVISED	Location Map	
	Action Claim	
PROJ.No. _____	SURVEY BY: <u>F. Stewart</u>	DATE: <u>Dec. 12/79</u>
N.T.S. _____	DRAWN BY: <u>S.K.R.</u>	SCALE: <u>1:8,000,000</u>
DWG.No.	NORANDA EXPLORATION	
1	OFFICE: <u>PRINCE GEORGE, B.C.</u>	

VANCAL 11927



REVISED	Location map	
	Action claim	
PROJ. No. _____	SURVEY BY: <u>F.S.</u>	DATE: <u>12/99</u>
N.T.S. _____	DRAWN BY: <u>F.S.</u>	SCALE: <u>1:50,000</u>
DWG. No. <u>2</u>	NORANDA EXPLORATION OFFICE: <u>Prince George, B.C.</u>	

PREVIOUS WORK

In November 1988, Noranda collected 104 "B" horizon soil samples, 2 rock samples, and 3 silt samples. These soil samples were taken at 50 m sample spacing and 500 m line spacing.

REGIONAL GEOLOGY

The property lies in the Cariboo Mountains of the Omineca Belt. The regional geology is comprised of Upper Proterozoic to Cambrian continental margin sediments, including quartzite, sandstone, siltstone, shale, and limestone. The area has been mapped at a scale of one inch to four miles (Map 1356A). The property lies within a zone mapped as the lower Cambrian Mural Formation, which consists of limestone, shale, phyllite, minor siltstone, and sandstone.

The area has been deformed into a series of northwest plunging major fold structures. The northwest trending Isaac Lake fault separates the Isaac Lake Synclinorium to the east and the Lanizi Arch to the west. This deformational episode appears to have resulted in folding of deeper, older formations where as younger, high level formations display more fault dominated structures. This is probably a function of the physical characteristics (less competent shales at depth) of the rocks and higher temperatures at depth. The rocks display low grade metamorphic effects.

PROPERTY GEOLOGY

The property is underlain by sedimentary rocks belonging to the Mural Formation. The property has not yet been mapped in detail, but a massive light blue grey mottled micritic limestone is the dominant rock type in the north part of the claim. There is also some minor sandstones, siltstones, and shales near the southern part of the property.

The limestone is moderately fractured with minor quartz veinlets locally. There was only trace to 1% sulphide found in rock samples.

GEOCHEMICAL SURVEY

A total of 261 "B" horizon soil samples and 9 rock samples were taken during June and August of 1989. The soil samples were collected using grub hoes from depths of 10-40 cm. These samples were placed in Kraft paper bags, dried, and then shipped to Noranda's Vancouver Lab at 1050 Davie Street, Vancouver, B.C. 133 soil samples and 9 rock samples were analyzed by the 30 element ICP method, plus Au. 128 soil samples were analyzed for Pb, Zn, and Ag. The details of the analytical procedure is given in Appendix III. Sample locations and results are presented on Figure 3 and listed in Appendix IV.

The soil samples analyzed by the 30 element ICP method returned several anomalous values. The Zn values ranged from 3 to 1596 ppm, with values over 200 ppm considered anomalous. The Pb values ranged from 2 to 439 ppm, with values over 50 ppm considered anomalous. The Ag values ranged from 0.1 to 4.9 ppm, with values over 0.5 ppm considered anomalous.

The soil samples analyzed for zinc, lead and silver returned the following results: Zn 16-3400 ppm, Pb 4-600 ppm, and Ag 0.1-0.7 ppm.

There are several spot anomalies scattered over the property, but the highest density of anomalous values comes from the main creek valley on the west side of the claim. Our geochemical survey defines the limit of this anomaly to be confined to this main creek valley. I have also interpreted this valley to be a fault zone cutting through the limestone and acting as a conduit for mineralizing fluids.

CONCLUSIONS

The soil geochemistry indicates that the main creek on the west side of the claim is associated with some highly anomalous Zn, Pb, and Ag values. No economic mineralization has yet been detected in any of the rock samples. The creek is interpreted as a fault and this may be a zone of mineralization. There may be some sort of a vein structure associated with the fault which is giving rise to the anomaly.

RECOMMENDATIONS

The creek valley containing the anomalous values does not generally have much overburden. A detailed prospecting and rock sampling survey in this area to discover the cause and significance of the anomaly is definitely warranted.

APPENDIX I
STATEMENT OF COSTS

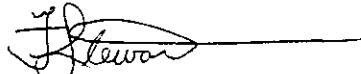
a) WAGES:		
	No. of days - 8	
	Rate per day - \$124.98	
	Dates from - May 1, 1989 - Aug 20, 1989	
	Total Cost:	\$ 999.84
b) FOOD & ACCOMMODATION:		
	No. of days - 8	
	Rate per day - \$15.00	
	Dates from - May 1, 1989 - Aug 20, 1989	
	Total Cost:	\$ 120.00
c) TRANSPORTATION:		
	No. of days - 8	
	Rate per day - \$17.50	
	Dates from - May 1, 1989 - Aug 20, 1989	
	Total Cost:	\$ 140.00
d) ANALYSIS:		
	133 soil analyses for 30 element ICP and Au at \$15.00 per sample	\$2,145.00
	128 soil analyses for Pb, Zn, Ag at \$2.80 per sample	\$ 358.40
e) COST OF REPORT PREPARATION:		
	Author \$200.00	
	Drafting \$100.00	
	Typing \$100.00	
	Total Cost:	\$ 400.00
		=====
	TOTAL COST:	\$4,163.24

APPENDIX II
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Fraser J. Stewart, do hereby certify that:

1. I currently reside at P.O. Box 476, Lac La Biche, Alberta, and have been employed by Noranda Exploration Company, Limited (no personal liability), during the period of May 15, 1989 to December 15, 1989.
2. I graduated from the University of Alberta in April, 1989 with the degree of Bachelor of Science in Geology.
3. I personally supervised and took part in the surveys described in this report and that this report is based upon a personal knowledge of the property.
4. That I hold no interest, direct or indirect in either the property or Noranda Exploration Company, Limited (no personal liability), or its affiliated companies.

A handwritten signature in cursive script, appearing to read 'Fraser J. Stewart', with a long horizontal line extending to the right.

Fraser J. Stewart (B.Sc.)

APPENDIX III
ANALYTICAL PROCEDURE

ANALYTICAL METHOD

DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applies to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver. (March, 1984).

Preparation of Samples

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples) are analysed in its entirety, when it is to be determined for gold without further sample preparation. See addendum.

Analysis of Samples

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.2 g or less depending on the matrix of the rock, and twice as much acid is used for decomposition than that is used for silt or soil.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn (all from the group A elements of the fee schedule) can be determined directly from the digest (dissolution) with an atomic absorption spectrometer (AA). A Varian-Techtron Model AA-5 or Model AA-475 is used to measure elemental concentrations.

Elements Requiring Specific Decomposition Method

Antimony - Sb: 0.2 g sample is attached with 3.3 mL of 6% tartaric acid, 1.5 mL conc. hydrochloric acid and 0.5 mL of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the acid solution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.4 g sample is digested with 1.5 mL of 70% perchloric acid and 0.5 mL of conc. nitric acid. A Varian AA-475 equipped with an As-EDL measures the arsenic concentration of the digest.

Barium - Ba: 0.1 g sample is decomposed with conc. perchloric, nitric and hydrofluoric acid. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 g - 0.3 g is digested with 2.0 mL of perchloric 70% and 1.0 mL of conc. nitric acid. Bismuth is determined directly from the digest into the flame of the AA instrument c/w EDL.

Gold - Au: 10.0 g sample (Pan-concentrates see below) is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with Methyl iso-Butyl ketone (MIBK) from the aqueous solution. Gold is determined from the MIBK solution with flame AA.

Magnesium - Mg: 0.05 g - 0.10 g sample is digested with 4 mL perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with a nitrous oxide flame determines Mg from the aqueous solution.

Tungsten - W: 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

Uranium - U: An aliquot, taken from a perchloric-nitric (3:1) decomposition, usually from the multi-element digestion, is diluted with water and a phosphate buffer. This solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

LOWEST VALUES REPORTED IN PPM

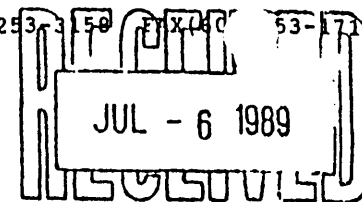
Ag - 0.2	Mn - 20	Zn - 1	Au - 0.1 (10 ppb)
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

APPENDIX IV
GEOCHEMICAL RESULTS

General

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: Soil -80 Mesh AU ANALYSIS BY ACID LEACH/AA FROM 10 GR SAMPLE.



DATE RECEIVED: JUN 22 1989 DATE REPORT MAILED: June 27/89 SIGNED BY: [Signature] D. TOBI, C. LEONG, J. WANG, CHEMICAL B.C. ASSAYERS.....

NORANDA EXPLORATION CO. LTD. PROJECT 8906-078 240 File # 89-1668 Page 1

Copy to Mike

Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, NI, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au* (PPM). Rows list various sample numbers and their corresponding element concentrations.

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 %	V PPM	Au* PPB
SO 103112	4	10	22	85	.4	18	4	356	2.39	10	5	ND	1	7	1	2	2	43	.46	.125	15	21	.29	67	.02	11	.64	.01	.06	1	1
SO 103113	8	15	19	122	.4	25	7	366	2.92	8	5	ND	1	6	1	2	2	45	.17	.094	16	23	.27	77	.03	4	1.08	.01	.07	1	1
SO 103114	3	11	12	44	.1	10	5	253	2.51	9	5	ND	1	7	1	2	4	41	.15	.093	21	21	.23	46	.04	10	.93	.01	.05	1	15
SO 103115	3	9	12	66	.1	10	4	180	2.21	6	5	ND	1	7	1	2	2	37	.11	.080	19	17	.14	51	.03	2	.75	.01	.04	1	2

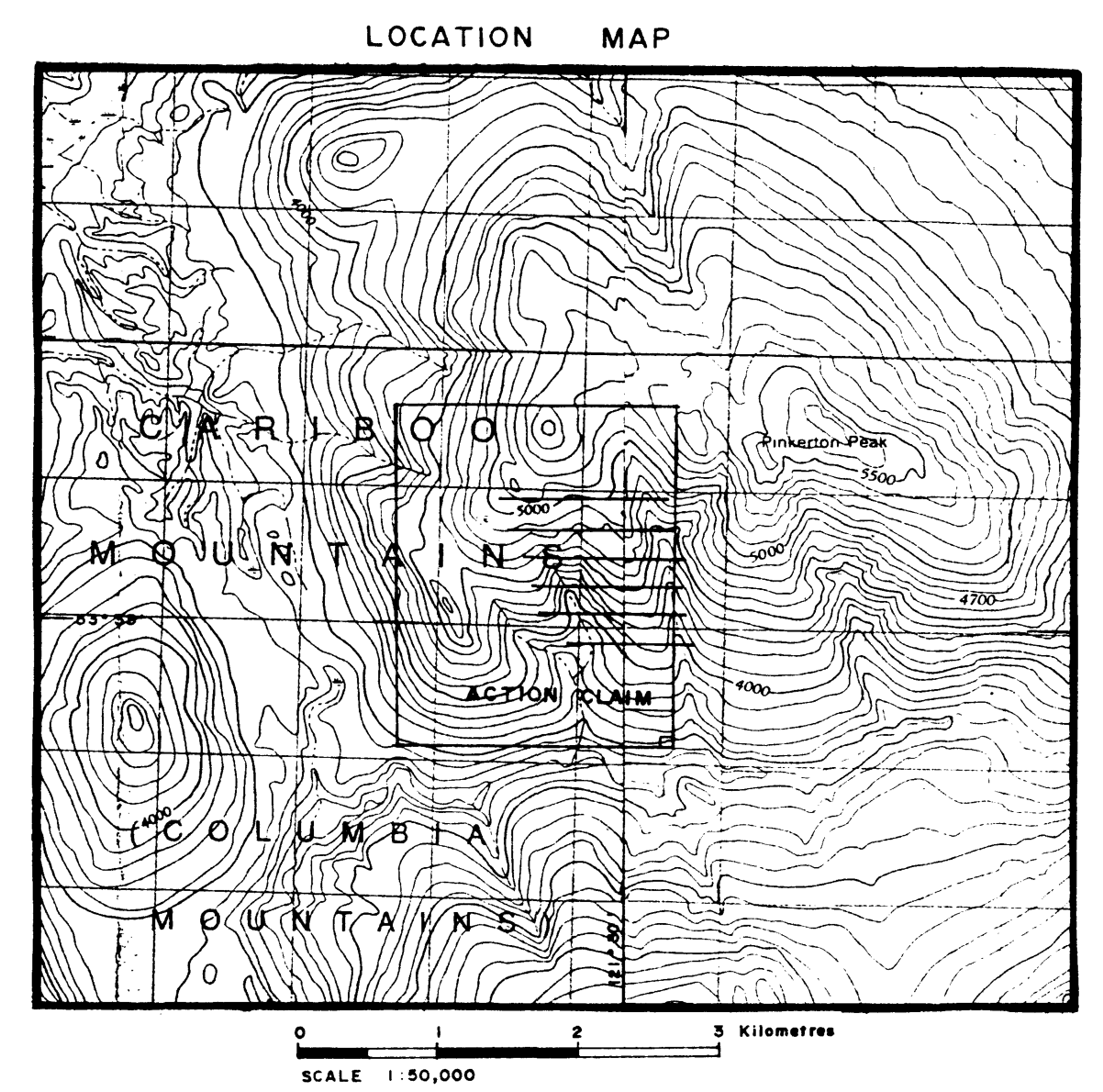
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Tl %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
SO 103168	2	32	24	119	.1	32	12	1936	3.18	7	5	ND	1	17	1	2	3	27	1.14	.133	22	20	.33	281	.01	2	1.50	.01	.11	1	2
SO 103169	3	17	19	118	.1	26	11	493	2.53	4	5	ND	2	10	1	2	2	25	.42	.068	20	18	.26	139	.01	2	1.01	.01	.07	1	4
SO 103170	2	19	24	114	.1	20	8	533	2.93	5	5	ND	2	14	1	2	2	30	.93	.073	25	18	.27	281	.01	5	1.30	.01	.07	1	12
SO 103171	3	12	17	110	.1	15	7	329	2.90	5	5	ND	1	9	1	2	2	40	.26	.084	22	19	.21	112	.02	2	1.20	.01	.06	1	2
SO 103174	2	16	18	143	.1	24	11	789	3.12	7	5	ND	3	11	1	2	3	30	.37	.080	26	21	.23	223	.01	4	1.35	.01	.09	1	3
SO 103175	7	23	30	319	.1	42	9	181	3.70	11	5	ND	1	11	1	2	2	87	.54	.050	25	25	.21	289	.02	2	1.58	.01	.07	1	1
SO 103176	9	20	16	144	.5	30	9	885	2.54	6	5	ND	1	19	1	2	2	54	.26	.113	20	34	.27	105	.03	4	1.75	.01	.07	1	5
SO 103177	9	9	12	33	.1	10	2	77	1.25	6	5	ND	1	16	1	2	2	49	.12	.054	26	15	.08	66	.03	3	.62	.01	.06	2	6
SO 103179	10	10	14	44	.1	13	2	114	1.49	4	5	ND	1	16	1	2	2	46	.13	.065	25	15	.11	119	.02	3	.71	.01	.06	1	2
SO 103179	10	13	14	53	.2	14	4	110	2.73	9	5	ND	1	13	1	2	3	63	.16	.054	19	22	.19	87	.04	2	1.01	.01	.05	1	6
SO 103180	8	20	13	188	.8	35	9	1218	2.43	6	5	ND	1	27	1	2	2	45	.85	.114	18	37	.30	176	.03	3	1.90	.01	.07	1	5
SO 103181	9	15	12	58	.3	17	5	234	3.50	4	5	ND	1	13	1	2	2	61	.19	.107	18	28	.24	63	.06	2	1.15	.01	.04	1	1
SO 103182	13	31	15	138	.2	46	10	466	2.65	9	5	ND	2	42	1	2	2	47	.61	.073	25	44	.34	183	.04	2	1.60	.01	.10	1	5
SO 103183	10	15	13	57	.2	18	5	124	2.99	8	5	ND	1	16	1	2	3	67	.19	.091	19	28	.24	71	.06	2	1.04	.01	.06	1	6
SO 103184	8	23	17	106	.4	30	11	889	2.89	7	5	ND	1	24	1	2	2	56	.45	.073	22	34	.38	115	.03	5	1.64	.01	.07	1	2
SO 103185	10	13	10	49	.1	14	4	143	2.23	6	5	ND	1	13	1	2	2	72	.48	.036	18	25	.24	67	.05	2	1.28	.01	.04	1	1
SO 103186	10	13	10	48	.1	13	19	678	2.19	6	5	ND	1	14	1	2	2	56	.23	.042	21	24	.17	84	.06	2	.92	.01	.04	2	3
SO 103187	8	11	10	44	.1	14	4	129	2.33	6	5	ND	1	11	1	2	2	61	.15	.050	18	24	.22	58	.07	6	1.31	.01	.04	1	2
SO 103188	9	16	16	69	.1	19	11	525	2.67	7	5	ND	1	16	1	2	3	57	.26	.060	17	25	.30	72	.05	3	1.09	.01	.05	1	3
SO 103189	7	17	15	69	.1	22	8	397	3.46	6	5	ND	1	12	1	2	2	52	.23	.104	18	30	.41	54	.05	2	1.54	.01	.04	1	2
SO 103190	10	20	12	53	.4	22	5	175	2.38	8	5	ND	1	18	1	2	2	61	.17	.050	20	33	.24	88	.05	5	1.27	.01	.05	1	3
SO 103191	11	19	15	44	.3	23	5	134	2.85	12	5	ND	1	20	1	2	3	66	.15	.113	19	27	.21	61	.06	3	.83	.01	.04	1	4
SO 103192	16	34	18	97	.3	42	9	222	4.33	10	5	ND	1	23	1	2	2	91	.15	.061	22	54	.41	123	.05	2	2.26	.01	.09	1	9
SO 103193	7	16	14	36	.3	14	4	108	1.96	6	9	ND	2	17	1	2	2	53	.13	.082	20	27	.16	77	.04	5	.95	.01	.04	2	13
STD C/AU-5	18	63	43	132	7.1	68	30	1052	4.17	39	17	7	36	49	18	17	24	58	.52	.090	38	56	.92	172	.07	34	2.00	.06	.13	11	42

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
103066	1	1	2	10	.2	1	1	9	.05	5	5	ND	1	125	1	2	2	6	37.48	.013	2	2	.25	13	.01	12	.01	.01	.01	2	4
103067	1	1	439	3	.2	1	1	8	.01	2	5	ND	1	118	1	2	2	4	37.17	.004	2	2	.18	88	.01	3	.01	.01	.01	2	1
103068	21	8	30	203	.2	30	1	41	.23	14	5	ND	1	155	3	3	2	31	37.76	.246	4	3	.10	72	.01	5	.16	.01	.06	1	1
103116	1	1	3	16	.1	1	1	66	.04	2	5	ND	1	146	1	2	2	9	21.17	.047	2	1	6.76	45	.01	2	.62	.01	.01	1	3
103117	1	2	11	165	.2	9	1	41	.03	5	5	ND	1	106	1	4	2	11	33.92	.008	2	6	1.96	30	.01	3	.01	.01	.01	1	4
103118	34	3	5	132	.2	22	1	27	.29	46	7	ND	1	175	1	2	2	17	37.51	.167	2	4	.43	151	.01	19	.06	.01	.03	1	1
103119	2	1	405	241	.2	1	2	55	.02	2	5	ND	1	302	1	3	2	2	33.82	.007	5	7	.80	1756	.01	8	.01	.01	.01	1	2
103172	1	1	2	8	.3	1	1	20	.04	2	5	ND	1	153	1	3	2	1	35.44	.003	2	4	.74	9	.01	4	.01	.01	.01	1	1
103173	1	1	17	17	.2	1	1	66	.02	2	5	ND	1	1549	1	2	2	1	38.23	.002	2	1	.11	141	.01	8	.02	.01	.01	1	1
STD C/AU-R	17	59	38	131	6.8	69	30	961	4.12	39	24	6	38	50	18	15	21	59	.49	.086	39	55	.84	177	.07	38	1.91	.06	.13	13	510

T. T. Nr	SAMPLE No.	Zn	Pb	Ag
96	103232	108	10	0.1
97	103233	88	8	0.1
98	103234	202	16	0.3
99	103235	390	38	0.2
100	CHECK NL-6	152	70	1.0
101	103236	136	16	0.1
102	103237	126	12	0.3
103	103238	80	14	0.2
104	103239	84	10	0.2
105	103240	36	8	0.1
106	103241	88	10	0.2
107	103242	106	14	0.2
108	103244	208	18	0.2
109	103246	138	16	0.1
110	103247	132	16	0.1
111	103248	188	14	0.2
112	103249	48	8	0.1
113	103251	70	18	0.4
114	103252	78	6	0.2
115	103253	44	6	0.2
116	103254	68	14	0.3
117	103255	430	102	0.1
118	103256	66	12	0.1
119	103257	204	12	0.1
120	103258	54	10	0.3
	103259	84	12	0.1
122	103260	126	12	0.1
123	103261	130	12	0.3
124	103262	118	16	0.2
125	103263	68	12	0.2
126	103264	126	18	0.1
127	103265	204	16	0.4
128	103266	140	14	0.5
129	103267	120	12	0.1
130	103268	106	16	0.1
131	103270	124	4	0.1
132	103271	156	18	0.1
133	103272	110	22	0.1
134	103273	118	16	0.1
135	103274	48	8	0.1
136	103275	60	14	0.1
137	103277	540	16	0.1
138	103278	70	14	0.1
139	103280	132	12	0.2
140	103281	340	26	0.1
141	103282	300	26	0.1
142	103283	330	30	0.1
143	103284	90	6	0.1
144	103285	610	28	0.7
145	103279	76	12	0.1
146	103286	86	12	0.3
7	103287	78	12	0.1
148	103288	128	16	0.3
149	103289	260	16	0.5
2	103290	204	20	0.4
3	103291	92	16	0.2
4	103292	218	16	0.4

T. T. No	SAMPLE No.	Zn	Pb	Ag
5	103293	106	20	0.3
6	103294	122	14	0.1
7	103295	112	14	0.3
8	103296	96	12	0.1
9	103297	42	10	0.4
10	103298	36	8	0.3
11	103299	136	6	0.7
12	103302	74	18	0.3
13	103303	54	8	0.2
14	103304	100	12	0.2
15	103305	350	14	0.2
16	103306	108	18	0.2
17	103307	114	20	0.2
18	103308	114	16	0.3
19	103309	178	24	0.4
20	103310	256	18	0.3
21	103311	82	18	0.4
22	103312	320	36	0.2
23	103313	124	20	0.2
24	103314	244	30	0.4
25	103315	134	16	0.2
26	103316	170	16	0.1
27	103317	182	34	0.1
28	103318	100	24	0.1
29	103319	950	40	0.3
	103320	1500	600	0.4
31	103321	64	8	0.2
32	103322	130	18	0.3
33	103323	160	12	0.3
34	103329	42	4	0.1
35	103330	44	6	0.1
36	103331	88	10	0.2
37	103332	76	10	0.1
38	103333	330	22	0.2
39	103335	134	8	0.1
40	103336	100	14	0.1
41	103338	600	16	0.1
42	103339	144	6	0.1
43	103340	82	6	0.1
44	103341	48	2	0.2
45	103342	146	18	0.1
46	103343	40	4	0.1
47	103344	68	8	0.1
48	103345	74	10	0.2
49	103346	86	14	0.1
50	103347	130	16	0.3
51	103348	58	8	0.1
52	103349	60	8	0.1
53	103350	140	24	0.4
54	103351	48	8	0.1
55	103352	62	10	0.1
56	103353	128	24	0.2
57	103354	46	4	0.1
58	103355	58	8	0.1
59	103356	182	20	0.3
60	103357	60	10	0.1
61	103358	54	8	0.1

T. T. No.	SAMPLE No.	Zn	Pb	Ag
62	103359	16	30	0.1
63	103360	360	20	0.6
64	103361	410	32	0.1
65	103362	64	8	0.2
66	103363	172	26	0.1
67	103364	3400	340	0.3
68	103365	78	12	0.1
69	103366	104	12	0.2
70	103367	2100	130	0.4
71	103368	28	6	0.1
72	103369	74	10	0.1
73	32515 RX	120	1	1.1
91	103226	52	12	0.4
92	103227	62	16	0.3
93	103228	72	12	0.5
94	103229	200	56	0.77
95	103230	256	66	0.2

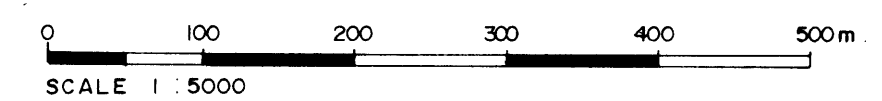


LEGEND

- 103119 x Rock Sample Location
- 103098 o Soil Sample Location
- 103307 Grid Line and soil sample location (Sample No's in sequence)

GEOLOGICAL BRANCH ASSESSMENT REPORT

19,645



REVISED	ACTION CLAIM	
	SOIL AND ROCK SAMPLE LOCATIONS	
PROJ. No.	SURVEY BY: F. S.	DATE: Dec., 1989
N.T.S. 93H/11,12	DRAWN BY: S. K. B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 3	OFFICE: PRINCE GEORGE, B.C.	

ACTION CLAIM

L.C.P.