noranda
NORANDA EXPLORATION CO. LTD.

GEOLOGICAL, GEOCHEMICAL & GEOPHYSICAL

REPORT ON THE

WAD 1 & 2, SINTER 1 & 2, BILL 2

MINERAL CLAIMS

HORE CREEK PROPERTY

Liard Mining Division

N.T.S. 104 G/01 W

Latitude: 57° 02'
Longitude: 130° 29'

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

REPORT BY: ERIC GRILL
MIKE SAVELL

APRIL, 1991

TABLE OF CONTENTS

1.0 SUMMARY

The More Creek property was acquired in order to test the mineral potential of a pyritic gossan located adjacent to the trace of a northwest trending regional fault extending through the length of the claim block. The property is underlain by Upper Triassic Stuhini Group volcanic and sedimentary rocks. The 1990 field program consisted of property-wide geological mapping, prospecting and geochemical sampling. Detailed grid work over the gossan consisted of geophysics (magnetometer), rock, talus, and soil sampling, and geological mapping.

Results of this program failed to indicate any significant gold anomalies, save one pan concentrate sample collected from a creek draining the gossan (610 ppb Au). However, intense mercury, arsenic and antimony anomalies were located at several locations along the trace of the regional fault over a two kilometre length, most notably at the main gossan. The intensity of pyritization, silicification, alteration and associated Hg, As and Sb geochemistry suggests the gossan may represent the upper, barren zone of an epithermal system.

The possibility of economic levels of gold mineralization at deeper levels in the hydrothermal system exists, however diamond drilling would be required to test this.

Consideration should be given to the possibility of testing the structure at depth to confirm indications of vertical zoning.

2.0 INTRODUCTION

2.1 GENERAL REMARKS

Noranda Exploration first became interested in the More Creek Property in 1988 with the release of RGS regional geochemistry identifying anomalous silts collected from creeks draining the claims area, and the presence of a large pyritic gossan. During 1988, the property was prospected by Norex in order to test the mineral potential of the gossan and outlying areas and included rock, soil, silt, and pan concentrate sampling. In 1990 the More Creek Property was acquired by Noranda and exploration activities were carried out between July 29 and September 7. Exploration consisted of geological mapping, prospecting and sampling over the property, as well as detailed geological, geochemical, and magnetometer work on a grid established over the gossan. A total of 60 field man-days were undertaken on the More Creek Property.

High Frontier is currently earning a 50% interest in the property by providing funds for $1,000,000 in exploration expenditures.

2.2 LOCATION & ACCESS

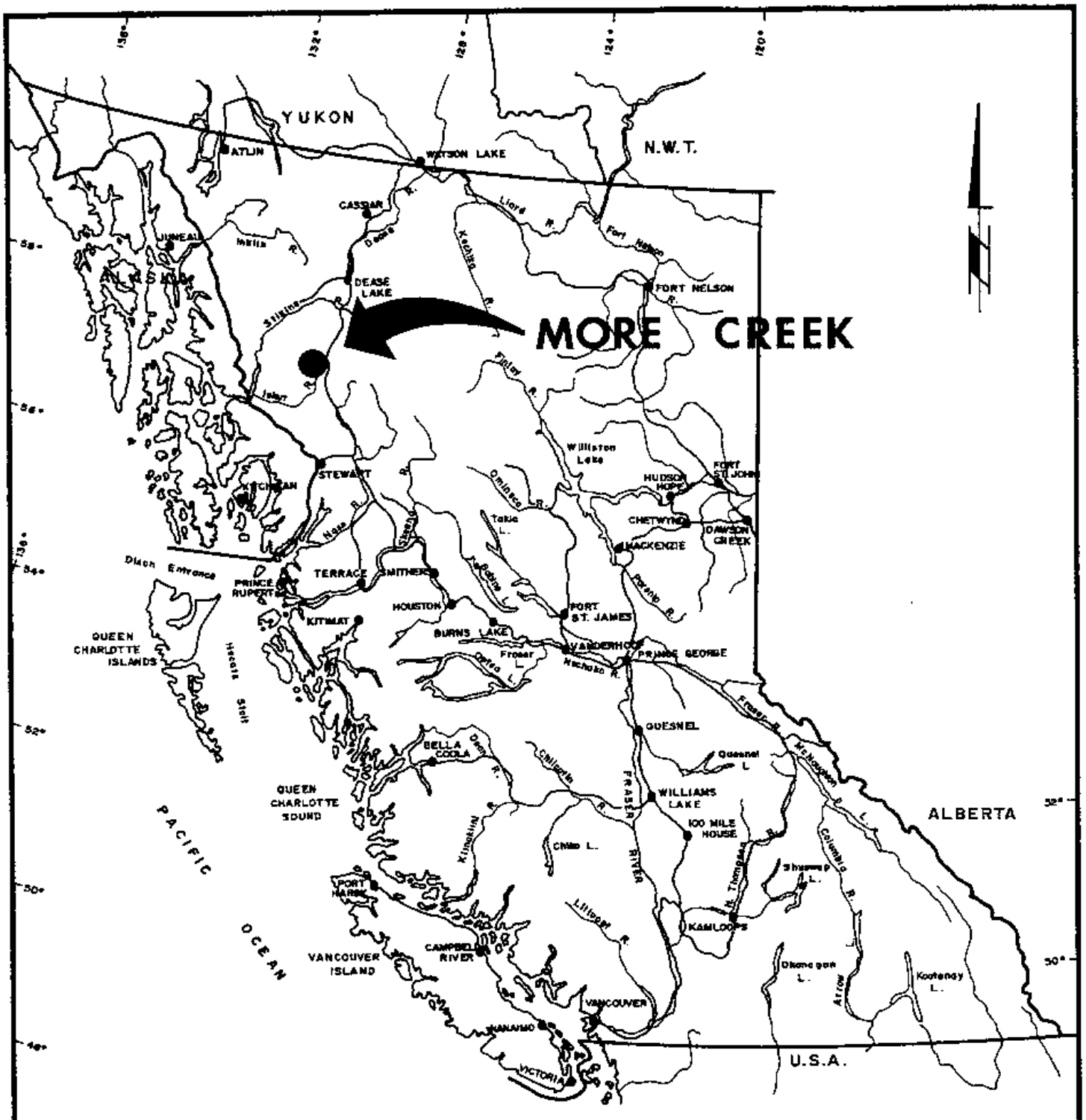
The More Creek property is located 76 km north of the town of Stewart and 5 km west-northwest of Bob Quinn Lake on the Stewart-Cassiar Highway #37 (Figure 1).

The claims lie within the Liard Mining Division and are centred at latitude 57° 02'N and longitude 130° 29'W on NTS map sheet 104 G/01W.

Access to the claims area is by helicopter from Bob Quinn Lake, or from Bronson airstrip 55 km to the southwest. Accommodation was provided by a trailer camp at the Bob Quinn Lake Highway Maintenance camp.

2.3 PHYSIOGRAPHY & VEGETATION

The property lies within the rugged Coast Mountains, which are characterized by steep slopes and U-shaped valleys typical of a glaciated terrain, with glaciers at higher elevations. Elevation ranges from 2000 metres in the central and southern claims area down to 900 metres in the west, north and south areas.



REVISED	MORE CREEK PROPERTY
	LOCATION MAP
PROJ.No. 291	SURVEY BY: _____ DATE: _____
N.T.S. _____	DRAWN BY: S.K.B. SCALE: 1:6,000,000
DWG. No. 1	NORANDA EXPLORATION
	OFFICE: PRINCE GEORGE, B.C.

VANCAL 11927

Vegetation is scant across most of the property, limited to alpine grasses and lichens in the regions above 1200 metres, while firs and thick brush dominate below.

2.4 CLAIM DATA

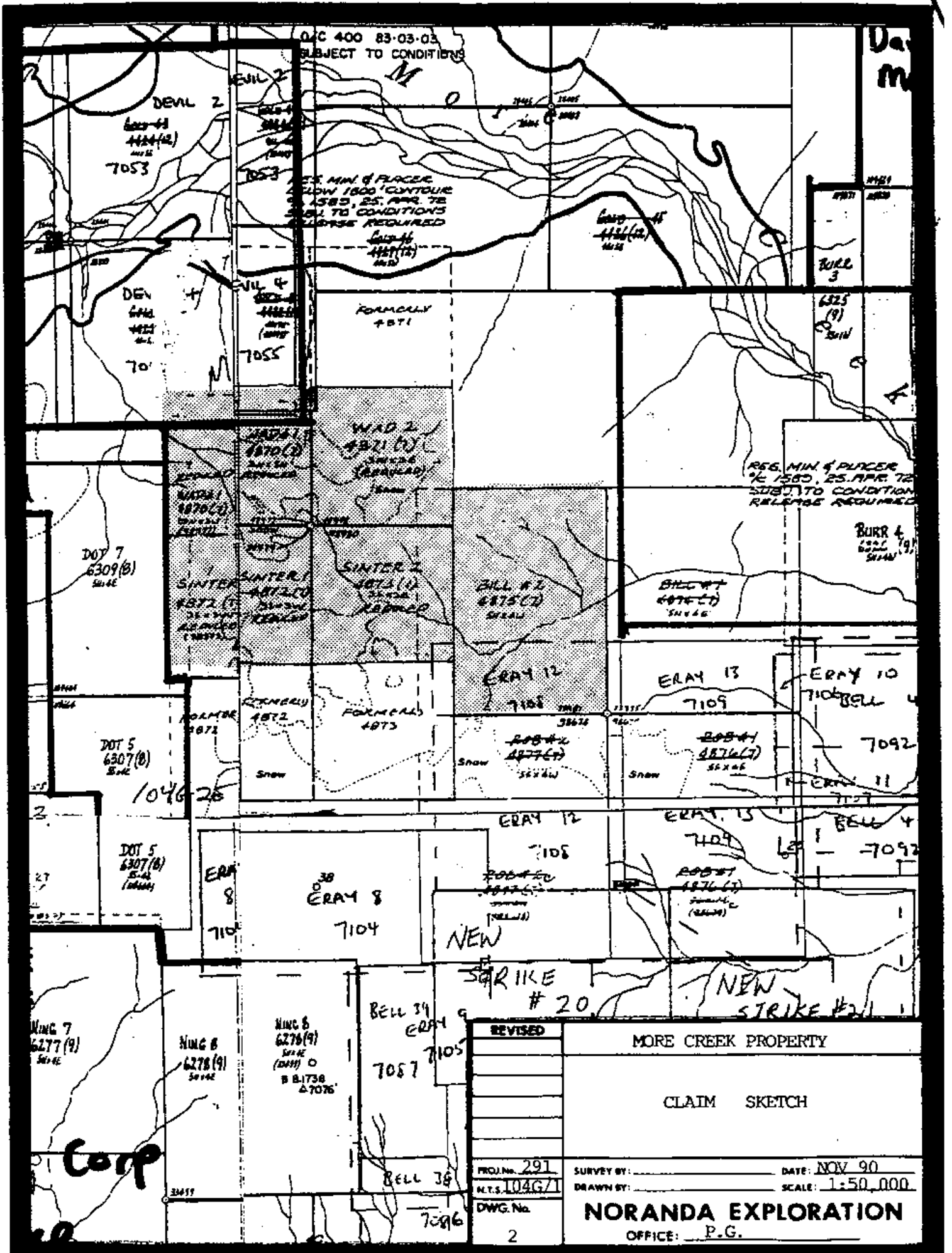
The More Creek claims were staked in 1988 for Valley Gold Limited (Figure 2). In 1990 the following claims were optioned from Valley Gold Ltd by Noranda Exploration Ltd.

Name	Units	Record #	Record Date	Expiry Date
Bill 2	20	4875	July 26, 1988	1993
Sinter 1	9	4872	July 26, 1988	1993
Sinter 2	12	4873	July 26, 1988	1993
Wad 1	9	4870	July 26, 1988	1993
Wad 2	9	4871	July 26, 1988	1993

The above expiry date will be valid upon acceptance of this report by the ministry.

2.5 PREVIOUS WORK

The earliest known work done on the More Creek Claims was in 1988 by Valley Gold Limited and consisted of limited reconnaissance prospecting and sampling. Subsequent release by the British Columbia Department of Mines and the Geological Survey of Canada of a geochemical open file indicated geochemical anomalies on the More Creek Property. Noranda Exploration Company, Limited conducted a property examination and subsequently optioned the ground in 1990.


O.I.C. 400 83-03-03
SUBJECT TO CONDITIONS
DEVIL 2
7053
REG. MIN. of PLACER
ALLOW 1800' CONTOUR
1583, 25. APR. 72
SUBJ TO CONDITIONS
RELEASE REQUIRED
FORMERLY
4871
7055
WAD 2
4821 (1)
(RENAMED)
SINTER 1
4872 (1)
SINTER 2
4873 (1)
KARMER
BILL #2
4875 (2)
ERAY 12
7108
ERAY 13
7109
ERAY 10
7106
BELL 4
7092
DOT 7
6309(8)
DOT 5
6307(8)
104G-26
ERAY 8
7104
NEW
STRIKE
#20
NEW
STRIKE #21
KING 7
6277(9)
KING 6
6278(9)
KING 5
6279(9)
B.B.1738
Δ7076'
BELL 39
ERAY 9
7105
7087
BELL 38
7096
Corp
REVISED
MORE CREEK PROPERTY
CLAIM SKETCH
PROJ. No. 291
N.T.S. 104G/1
DWG. No. 2
SURVEY BY:
DRAWN BY:
DATE: NOV 90
SCALE: 1:50,000
NORANDA EXPLORATION
OFFICE: P.G.

3.0 GEOLOGY

3.1 REGIONAL GEOLOGY

The More Creek Property is located in the south central portion of the Telegraph Creek map sheet 104 G.

The area lies near the western edge of the Intermontane Belt of the Canadian Cordillera, where it parallels the Coast Plutonic Complex. Recent work by both the Geological Survey of Canada and the Geological Services Branch of British Columbia provides a framework of the complex geology of this rugged area. The area includes four, unconformity bounded, tectonostratigraphic assemblages: 1) Paleozoic Stikine Assemblage; 2) Triassic-Jurassic volcano-plutonic complexes of Stikinia; 3) Middle and Upper Jurassic Bowser overlap assemblage; and 4) Tertiary Coast Plutonic Complex.(Anderson, 1989) This section of the Intermontane Belt forms the west limb of the "Stikine Arch," a roughly horseshoe shaped area of Upper Triassic to Jurassic stratigraphy that hosts most of the significant mineral deposits in northwest B.C. and the Toodoggone gold camp.

The Paleozoic Stikine Assemblage contains the oldest stratigraphy and is divisible into three distinct, volcanic-carbonate units: Early Devonian limestones and intermediate to felsic volcanics; Mississippian bioclastic limestones; and Permian fragmental volcanics and limestone. These rocks are metamorphosed and highly deformed.

The Triassic-Jurassic volcano-plutonic complex (Stewart Complex) consists of both the Triassic Stuhini Group and the Jurassic Hazleton Group. The Stuhini Group consists of limestone and mafic volcanics deposited in an island arc environment. The Stuhini hosts the Snip and Johnny Mountain structural gold deposits. Hazleton rocks consist of andesitic breccias/lavas, felsic tuffs/breccias, and maroon-green volcanic sediments (siltstone, greywacke, conglomerate, and black shale) deposited in an island arc environment. Black shales (Eskay Creek facies) overlying felsic volcanics (Mt. Dilworth Formation) host the Eskay Creek gold deposits.

Sub-volcanic intrusions accompany most of the volcanic centres of the Mesozoic island arcs and range from Alaskan type ultramafics to felsic dykes. Distinctive porphyritic dykes link Upper Triassic and Lower Jurassic volcanics with their plutonic equivalents. Many of the significant mineral deposits in the Stewart Complex are found to have a close association with volcanic centres.

The Middle and Upper Jurassic Bowser Overlap Assemblage predominantly consists of turbidite black clastics deposited in the Bowser Basin which formed as a result of uplift to the west due to emplacement of the Coast Range Intrusives.

The Tertiary Coast Plutonic Complex consists of post-tectonic, felsic plutons. Eastward younging of strata and local zones of high strain attest to intrusion and uplift of the complex.

Locally, Tertiary to Recent subaerial volcanics cover low lying areas.

3.2 PROPERTY GEOLOGY

The More Creek claims are underlain by a sequence of Upper Triassic Stuhini Group sedimentary and volcanic rocks (Figure 5). In the western and far southern portions of the property occur andesite-basalt breccia, tuff, and flows with rare coarse augite porphyry exposed near the south end of the grid. These volcanics are typically dark green and weather brownish-orange. Small localized pods of massive limestone occur within the volcanics near the Wad/Sinter LCP and in the south part of the property. Dominating the north and eastern portion of the property is a sedimentary package of wacke, siltstone, argillite and conglomerate containing narrow interbedded crystal tuffs in the vicinity of the gossan. Bedding strikes northeast to northwest with variable dips. These sediments are in irregular contact with the volcanics with a narrow wedge of limestone along a northeast trending portion of the contact in the centre of the property. Another small northeast trending pod of crinoidal limestone in clastic sediments occurs near the volcanic sediment interface.

On the G.S.C. geological map (Open File 2094), a Jurassic quartz feldspar porphyry has been mapped within Upper Triassic sediments in the northern claims area, but could not be field located. A small isolated outcrop of coarse plagioclase porphyry was identified immediately south of the property boundary. The porphyry contained coarse (1-3 cm) tabular crystals of plagioclase in a medium grey siliceous groundmass.

Unconsolidated Quaternary sediments of glacial origin occur as valley deposits, obscuring the older underlying rocks. This is most prevalent in the east draining Grizzly Valley in the east central claims area.

The predominant structural feature on the property is a northwest striking regional fault which separates volcanics from sediments in the northwest and cuts sediments to the southeast. At the northwest end the fault forms a small creek drainage in which the host argillites and shales have been sheared, intensely clay altered, and locally pyritized across a twenty-five metre width. Alteration and mineralization at other points along the trace of this fault appear to be minor, consisting mainly of small localized bleached zones with weak disseminated pyrite mineralization. Large scale alteration and mineralization on the More Creek claims is restricted to the gossan located 400 metres to the northeast of the fault.

The gossan occurs in argillite and greywacke, with minor interbedded crystal/lithic tuffs. Intense clay alteration with associated bleaching occurs in the central portions, surrounded by a weakly bleached and chloritized halo. Pyrite mineralization is mainly confined to the clay altered central core as a fine grained breccia cement and fracture fillings. Fracture and breccia veins have a preferred orientation of 060 and 160 degrees azimuth and are vertically dipping. The pyritized portion of the gossan has surface dimensions of 90 metres by 160 metres and is oval in plan. Within the gossan area, large subrounded float boulders of coarse carbonate vein material were observed. The origin of these boulders has not been located in the gridded area; but mountaineers sampling the cliff wall on the north side of the grid encountered sizeable carbonate veins in outcrop suggesting a nearby bedrock source now largely covered by talus.

4.0 GEOCHEMISTRY

4.1 GENERAL REMARKS

A total of 415 soil, 130 rock, 62 talus, 7 silt, and 2 pan concentrate samples were collected on the More Creek Property between July 29 and September 7, 1990. Sample locations and analytical results are plotted on figures 3 and 4, and grid sampling results on figures 6 and 9 to 16.

Soil/talus samples were analyzed for gold by A.A. and for a 30 element suite by I.C.P. Soil samples were collected from the "B" horizon where possible, however at most localities only "C" horizon material was available. These were obtained by digging a small hole averaging about 25 centimetres deep with a grubhoe. At sites where collecting a soil sample was not possible, a talus fines sample was collected in its place. Soil/talus material were placed in kraft "wet strength" paper envelopes and shipped along with silt and pan concentrate samples to the geochem lab of Noranda Exploration at 1050 Davie Street, Vancouver, B.C. Silt samples were analyzed for gold and the ICP suite of 30 elements; pan concentrate samples for gold, silver, copper, lead, and zinc. Rock samples were analyzed for gold and the 30 element I.C.P. suite at Acme Analytical Laboratories, 852 E. Hastings Street, Vancouver, B.C. Details of the analytical procedures used for each sample type is given in Appendix III; analytical results are listed in Appendix IV.

4.2 SAMPLING/RESULTS

A compass/hipchain grid was established over the gossan. The baseline was orientated at 125 degrees azimuth, parallel to the trace of the regional fault. Wing lines were spaced at 50 metre and 100 metre intervals perpendicular to the baseline with stations marked at 10 metre intervals with plastic flagging and at 50 metre intervals with 0.5 metre high wooden pickets. Seventy-six 10.0 metre and three 5.0 metre long rock chip composite samples were collected where grid lines crossed exposed rock in the central mineralized portion of the gossan. The location of rock, talus, and soil samples taken are shown on figures 3, 4, and 6.

Geochemical results indicate a strong coincident Hg, As and Sb anomaly in the area of the main gossan, with values from 2000 to 76,000 ppb Hg, 30 to 148 ppm As, and 20 to 110 ppm Sb. This geochem signature suggests the exposed gossan may represent the upper levels of an epigenetic hydrothermal system. Moderate values were also detected on contour soil lines where they cross

MORE CREEK CLIMBER'S SAMPLES

ROCK ANALYSES

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
129826	125	47	78	0.1	38	4	5	600
129827	64	9	69	0.1	82	8	1	310
129828	175	5	85	0.1	82	27	1	1300
129829	85	3	18	0.2	105	16	2	1400
129830	62	4	14	0.2	76	6	3	750
129831	114	14	34	0.1	30	2	2	1200
129832	281	13	81	0.1	82	8	1	1700
129833	8	2	16	0.2	5	3	1	1600
129834	237	5	150	0.1	134	7	1	2900
129835	24	2	161	0.4	64	4	1	2100
129836	415	2	29	0.1	27	2	1	1500
129837	68	2	13	0.1	40	9	1	6600
129838	145	2	127	0.3	8	2	2	510
129839	91	7	108	0.4	9	2	1	920
129840	63	7	116	0.1	3	2	1	960

AREA OF DETAIL

0 METRES 50

N

X 129837

X 129827

129828 X

129840 X

X 129838

129839 X

X 129826

Vein

129829

129835

129830

129834

129833

129836

129832

5500'

X 129831

REVISED	MORE CREEK PROPERTY
	CLIMBERS SAMPLE LOCATION MAP
	X= Rockchip sample location
PROJ. No. 291	SURVEY BY: _____ DATE: Nov. 1990
N.T.S. 104G2	DRAWN BY: ECG SCALE: 1:1000
DWG. No. FIG. 3	NORANDA EXPLORATION
	OFFICE: Prince George

the main NW-SE trending structure that transects the entire property.

The highest value detected from the rock chip sampling on the grid was 15 ppm Au for one 10 m rock chip composite sample.

In addition to grid sampling mountaineering prospector/ samplers were contracted to collect 15 rock samples from the steep cliffs on the north side of the grid where rocks have a rusty weathering, gossanous appearance. Exposures sampled were primarily rusty weathering carbonate cemented breccias and veins containing local disseminated pyrite. Samples were collected in an attempt to determine a vertical geochemical profile of the gossan. Samples were collected over a 65 metre vertical distance, between an elevation of 1690 metres and 1625 metres. No significant zonation was noted.

The area of the claims not covered by the grid was also subjected to geochemical testing. Results of 51 grab samples (Figure 4 and 6) reveal that no samples were anomalous in gold (highest value 15 ppb, all others 5 ppb), but that most samples collected on or adjacent to the trace of the regional fault were moderately to highly anomalous in mercury, with values up to 10,000 ppb common. Sample #106827, a pyrite encrusted piece of black shale, returned a value of 196,000 ppb mercury, 2,561 ppm As, and 671 ppm Sb. Silver values in rocks were significantly below the anomaly threshold, ranging only 0.1 ppm to 0.6 ppm.

Contour sample lines on which 226 soil and 22 talus samples were collected at 50 metre intervals, are situated to the northwest and southeast of the gossan. These lines crossed the trace of the regional fault to test for gold mineralization. The results indicate no gold anomalies with only one value of 10 ppb Au recorded.

From seven silt samples collected from creeks draining the east claims area in the Grizzly Valley area, no anomalous values were located.

Of the two pan samples collected from creeks draining the gossan area, one sample was weakly anomalous in gold, returning a value of 610 ppb Au.

5.0 CONCLUSIONS

The results of the 1990 program indicate high mercury values in the area bordering the gossan and over a two kilometre trace of a suspected fault zone, with one sample returning a highly anomalous value of 196,000 ppb mercury. None of the rocks collected were associated with any gold values higher than 15 ppb. Similarly, none of the silt, soil or talus samples taken from the grid or elsewhere on the property were anomalous in gold; the highest value being 11 ppb Au. Of the two pan samples collected from small creeks draining the gossan, one was weakly anomalous in gold, containing 610 ppb Au.

High mercury values in rocks sampled on the More Creek Property can probably be attributed to the proximity of the northwest trending regional fault, which acted as a conduit for low temperature mercury mineralization. Pyrite mineralization in the gossan may be fault related.

One conclusion that might be drawn regarding the low gold values observed in samples collected from the gossan is that gold mineralization is at much greater depths in the system. Certainly, the surface expression of the immediate area, which includes the intense argillization of rocks near the fault exposed in the creek southwest of the gossan, the brecciated pyrite-rich character and size of the gossan itself, and the overall extent of mercury anomalies, indicates that a hydrothermal system of substantially large proportions could exist. The possibility of economic levels of gold mineralization at deeper levels in the hydrothermal system exists, however diamond drilling would be required to test this.

6.0 RECOMMENDATIONS

Based upon the results of the 1990 field program any future work considerations should be directed at locating the source area of the one weakly anomalous pan concentrate sample by geochemistry and prospecting. Sampling of the creeks draining the north side of the gossan where deeper parts of the hydrothermal system appear to be exposed may be warranted.

Consideration should be given to the possibility of testing the structure at depth to confirm indications of vertical zoning.

7.0 BIBLIOGRAPHY

Geology, More and Forrest Kerr Creeks (parts of 104B/10, 15, 16, and 104 G/1, 2), Northwestern British Columbia, Open file 2094.

APPENDIX I

STATEMENT OF COSTS

CLAIMS: BILL 2, SINTER 1 AND 2, WAD 1 AND 2
REPORT TYPE: GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL
DATES: JULY 27 - SEPTEMBER 15, 1990

a)	WAGES:	
	No. of Days - 81	
	Rate per day - $150.28	
	Dates from - 07/27/90 to 09/15/90	
	Total:	$ 12,172.68
b)	FOOD, ACCOMMODATION AND SUPPLIES:	
	No. of Days - 81	
	Rate per day - $67.95	
	Dates from - 07/27/90 to 09/15/90	
	Total:	$ 5,503.95
c)	TRANSPORTATION:	
	No. of Days - 81	
	Rate per day - $147.29	
	Dates from - 07/27/90 to 09/15/90	
	Total:	$ 11,930.49
d)	ANALYSIS:	
	415 soil samples for 28 element ICP and Au, Hg @ $16.45 each	$ 6,826.75
	9 silt samples as above @ $16.45 each	$ 148.05
	192 rock samples as above for @ $20.35 each	$ 3,907.20
	Total:	$ 10,882.00
e)	OTHER COSTS:	
	Moutaineering Contractor	$ 1,045.00
	Instrument Rentals	$ 571.21
	Maps, Air Photos	$ 534.03
	Shipping, Expediting	$ 541.87
	Total:	$ 2,692.11
e)	COST OF PREPARATION OF REPORT:	
	Author	$ 1,000.00
	Drafting	$ 200.00
	Typing	$ 50.00
	Data Processing	$ 616.00
	Total:	$ 1,866.00
	TOTAL COST:	**$ 45,047.23**

APPENDIX II

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Eric C. Grill, of 1928 West 35th Avenue, Vancouver, in the Province of British Columbia, do hereby certify that:

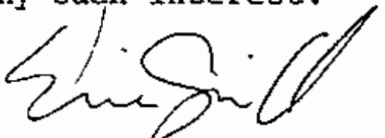
1. I am a geologist in the employ of Noranda Exploration Company, Limited (no personal liability).

2. I graduated in 1986 from the University of British Columbia with a Bachelor of Science degree (honours) in Geology.

3. My primary employment since 1986 has been in the field of mineral exploration.

4. This report is based on work supervised and carried out by the author.

5. I have no interest in the property described herein, nor in the securities of any company associated with the property, nor do I expect to acquire any such interest.



Eric C. Grill,
Geologist

APPENDIX I

STATEMENT OF QUALIFICATIONS

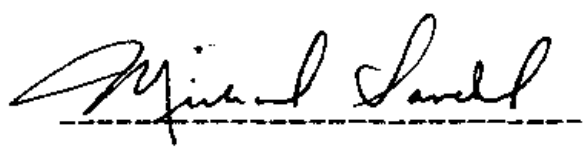
I, Michael J. Savell of the City of Prince George, Province of British Columbia, do certify that:

1. I am a geologist residing at 3507 Rosia Road, Prince George, British Columbia.

2. I am a graduate of Dalhousie University with a Bachelor of Science (Honors) in Geology.

3. I am a member in good standing of the Geological Association of Canada, Canadian Institute of Mining, Prospector's and Developer's Association and the B.C.-Yukon Chamber of Mines.

4. I presently hold the position of Project Geologist with Noranda Exploration Company, Limited and have been in their employ since 1980.



Michael J. Savell
Geologist
Noranda Exploration Company, Limited
(No Personal Liability)

APPENDIX III

ANALYTICAL PROCEDURE

ANALYTICAL PROCEDURE

Soils, Silts, Rocks

The samples are dried and screened 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.

Heavy Mineral Concentrates

The entire concentrate is digested in aqua regia solution, and elemental concentrations of Au, Ag, Cu, Pb, and Zn are determined by A.A.

APPENDIX IV

ANALYTICAL RESULTS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

RR Mac C. (MS)

Noranda Exploration Co. Ltd. PROJECT 9008-066 (291) File # 90-3545R2 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

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
105078	3	68	83	143	.7	1	6	720	6.52	18	5	ND	5	32	.5	2	5	31	.18	.130	29	10	.77	114	.01	2	1.98	.02	.28	2
105079	9	195	21193	1	16.1	4	4	21	3.95	19	5	10	4	111	.2	2	32	6	.01	.018	5	3	.01	48	.01	2	.30	.01	.16	1
105431	1	64	67	22	.1	5	15	1865	8.99	18	5	ND	1	81	.3	12	3	42	13.60	.064	8	16	.84	40	.01	2	.69	.03	.10	1
105432	1	45	72	58	.1	8	12	2279	9.89	6	5	ND	1	238	1.0	16	2	29	22.19	.034	3	16	1.42	49	.01	11	.39	.01	.17	1
105433	1	20	12	50	.6	5	12	3149	14.01	28	7	ND	1	413	.3	46	2	41	32.91	.016	4	18	2.51	86	.01	10	.17	.02	.08	1
105434	1	163	18	95	.1	7	20	831	7.74	2	5	ND	1	104	.2	3	2	48	3.74	.159	17	10	.13	25	.01	10	.70	.07	.22	1
105436	1	136	9	70	.1	7	20	392	7.66	2	5	ND	1	36	.3	2	2	59	1.31	.153	13	9	.27	19	.01	7	.84	.06	.17	1
105438	1	83	10	88	.1	11	20	994	3.89	24	5	ND	1	44	.3	18	2	41	2.46	.083	4	11	.69	74	.01	11	.45	.06	.11	1
105439	1	127	4	90	.1	11	24	935	6.81	3	5	ND	1	27	.2	3	2	66	2.06	.090	4	15	.63	65	.01	10	.59	.07	.13	1
105440	28	184	16	92	.1	54	34	1181	6.60	7	5	ND	1	47	.9	4	2	88	5.91	.063	4	54	1.54	27	.01	3	.20	.04	.03	1
105441	1	111	25	94	.1	32	16	790	5.20	8	5	ND	1	76	.3	5	2	156	4.31	.164	15	63	1.74	242	.19	11	2.46	.18	.16	1
105476	1	81	11	31	.1	12	10	149	4.22	4	5	2	2	12	.2	2	2	43	.47	.041	2	10	.13	28	.01	4	.40	.04	.07	1
105477	7	14	12	1	.1	5	11	2448	15.41	42	5	ND	1	82	.3	6	2	19	18.72	.056	5	4	.04	18	.01	2	.14	.04	.04	1
105478	1	115	7	12	.1	8	10	181	4.61	2	5	ND	1	14	.2	2	3	58	.40	.040	2	6	.06	34	.01	3	.41	.07	.07	1
105479	1	79	11	110	.1	6	16	593	18.18	12	5	ND	1	8	.2	2	2	204	.26	.057	2	8	.07	65	.01	3	.68	.07	.07	1
105480	1	144	11	92	.1	8	15	254	7.04	5	5	ND	1	7	.2	6	2	121	.23	.149	11	14	.65	30	.01	6	1.54	.08	.12	1
105481	1	79	7	85	.1	8	18	774	15.06	2	5	ND	1	73	.4	2	2	20	3.26	.101	9	1	.04	10	.01	5	.37	.04	.16	1
105482	1	29	3	51	.1	7	8	1342	5.38	3	5	ND	1	87	.2	10	2	24	11.52	.038	3	13	2.39	83	.01	6	.34	.03	.11	1
105483	1	27	2	11	.1	3	4	2260	3.11	3	5	ND	1	255	.3	2	2	11	33.20	.032	2	8	.20	80	.01	2	.13	.02	.05	1
105484	1	5	11	1	.1	6	2	22	1.85	112	5	ND	6	24	.2	3	2	19	.10	.049	15	7	.02	142	.17	7	.30	.07	.31	1
105881	1	85	15	56	.1	11	13	152	8.72	5	5	ND	2	15	.2	7	2	144	.35	.076	7	18	.58	22	.01	3	1.89	.10	.04	1
106809	3	13	9	27	.1	17	3	178	2.10	3	5	ND	2	22	.3	2	2	9	1.96	.056	7	18	.02	55	.01	9	.18	.01	.08	1
106810	5	55	18	1	.1	7	16	905	5.77	26	5	ND	1	89	.2	4	2	39	11.38	.058	6	11	.10	35	.01	2	.28	.11	.01	1
106826	6	7	32	196	.1	31	16	375	12.93	19	5	ND	1	32	.2	3	2	15	1.52	.019	7	9	.47	20	.01	5	1.40	.05	.20	1
106827	5	13	16	1938	.1	120	5	192	17.94	2561	5	ND	2	2	12.1	671	2	4	.10	.002	2	1	.01	6	.01	2	.14	.01	.03	1
106832	3	9	6	25	.1	13	2	58	1.38	53	5	ND	3	4	.2	9	2	6	.02	.010	2	10	.01	13	.01	4	.21	.01	.05	1
106833	3	15	5	46	.1	13	1	47	1.19	24	5	ND	2	4	.2	6	2	3	.06	.019	2	8	.01	122	.01	4	.14	.01	.02	1
106840	3	96	13	67	.1	12	24	286	8.35	9	5	ND	1	5	.3	4	2	102	.08	.047	3	16	.35	19	.01	3	1.17	.08	.06	1
106843	2	33	2	1	.1	6	2	41	2.08	4	5	ND	2	4	.2	2	2	12	.03	.014	2	7	.01	118	.01	5	.23	.04	.03	1
129201	4	11	5	210	.4	19	5	335	3.57	2	5	ND	1	24	2.6	2	2	8	4.59	.004	4	13	.02	29	.01	5	.11	.01	.05	1
129202	6	20	12	32	.5	26	10	386	7.54	2	5	ND	1	22	.2	2	2	9	4.19	.004	3	11	.02	16	.01	4	.15	.01	.06	1
129203	2	19	2	13	.2	16	4	164	1.89	3	5	ND	2	20	.2	2	2	11	1.95	.008	2	13	.18	39	.01	9	.41	.02	.10	1
129204	1	133	4	182	.1	6	12	2226	4.88	3	5	ND	1	42	.2	9	2	84	4.54	.044	4	15	1.37	69	.01	13	.75	.04	.13	1
129205	1	99	5	86	.1	9	14	1163	5.67	7	5	ND	1	57	.2	8	2	81	5.57	.073	4	16	1.64	95	.01	10	.41	.04	.09	1
129206	1	14	3	6	.2	8	7	65	7.99	36	5	ND	1	32	.2	14	2	16	.07	.009	2	3	.02	45	.01	9	.32	.05	.10	1
129207	1	3	2	5	.1	3	2	881	.55	5	5	ND	1	178	.2	4	2	8	11.82	.010	2	4	4.50	1599	.01	2	.06	.01	.03	1
STANDARD C	18	60	41	132	7.2	73	31	1043	3.98	41	16	7	39	52	18.4	15	21	56	.46	.099	36	59	.86	180	.07	33	1.88	.06	.13	13

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

DATE RECEIVED: DEC 6 1990 DATE REPORT MAILED: Dec 10/90 SIGNED BY: .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

DEC 11 1990

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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
129208	1	104	12	8	.2	17	16	449	6.82	.6	5	ND	2	19	.2	2	2	40	2.04	.031	2	14	.29	21	.01	3	.20	.05	.03	1
129209	1	63	6	127	.2	11	15	278	6.38	15	5	ND	2	12	.2	3	2	20	.42	.028	2	5	.15	58	.01	5	.31	.04	.06	1

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

Moore Cr. (MS) DATE RECEIVED: AUG 15 1990

DATE REPORT MAILED: Aug. 23/90 Moore Cr Results

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9008-066 291 FILE # 90-3545 Page 1
P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

SAMPLE#	AU* ppb	HG ppb
105431	13	1200
105432	15	3400
105433	1	3100
105434	1	550
105436	2	780
105438	1	6400
105439	2	1700
105440	5	1200
105441	2	190
105476	1	2100
105477	1	400
105478	3	1100
105479	1	1700
105480	1	250
105481	3	1600
105482	1	360
105483	1	650
105484	1	4300
105881	1	500
106809	3	30
106810	1	440
106826	1	50
106827	1	196000
106832	1	1400
106833	1	2300
106840	2	5100
106843	2	2300
129201	1	200
129202	1	260
129203	1	120
129204	2	1900
129205	3	460
129206	2	9600
129207	1	230
STANDARD C/AU-R	540	1400

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RECEIVED AUG 30 1990 VANCOUVER

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

SIGNED BY..... C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	AU* ppb	HG ppb
129208	2	1100
129209	1	4300

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

DATE RECEIVED: AUG 24 1990

DATE REPORT MAILED: Aug. 31/90.

GEOCHEMICAL/ASSAY CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9008-066 291 FILE # 90-3545R Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

SAMPLE#	Ag ppm	Au** oz/t
105431	.5	-
105432	.5	-
105433	.1	-
105434	.1	-
105436	.1	-
105438	.3	-
105439	.2	-
105440	.4	-
105441	.4	-
105476	.1	-
105477	.1	-
105478	.2	-
105479	.3	-
105480	.1	-
105481	.2	-
105482	.2	-
105483	.4	-
105484	.1	-
105881	.1	-
106809	.1	-
106810	.5	-
106826	.1	-
106827	.2	-
106832	.1	-
106833	.1	-
106840	.2	-
106843	.1	-
129201	.4	-
129202	.6	-
129203	.1	-
129204	.2	-
129205	.3	-
129206	.2	-
129207	.1	-
STANDARD C	7.1	-

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

SIGNED BY. ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Ag ppm
129208	.3
129209	.1

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

More (FE) 291 Assay Results

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9008-041 291 File # 90-3352 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

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
105876	2	48	8	34	.1	6	6	294	2.61	20	5	ND	1	8	.2	5	2	27	.15	.039	5	7	.05	203	.01	3	.33	.07	.05	2	4
105877	1	73	10	48	.1	13	10	674	4.36	19	5	ND	1	14	.6	2	2	63	1.64	.042	3	21	.55	144	.01	2	.60	.06	.06	1	5
105878	1	89	10	67	.1	19	12	393	6.53	13	7	ND	1	9	.5	2	2	119	.29	.047	3	33	.73	169	.01	2	1.56	.06	.06	1	1
105879	1	85	5	39	.1	12	13	347	6.32	86	5	ND	1	13	.2	8	2	50	1.58	.032	2	11	.48	24	.01	6	.23	.04	.04	1	2
105880	1	48	9	18	.1	9	7	183	4.29	57	6	ND	1	8	.2	7	3	26	.76	.018	2	8	.25	22	.01	6	.18	.05	.06	1	1
106851	1	87	6	103	.2	26	15	1232	5.94	6	5	ND	1	47	.4	4	2	76	4.71	.083	7	30	1.68	60	.01	8	.85	.04	.08	1	1
106852	2	95	4	81	.2	21	17	675	5.79	4	5	ND	1	12	.4	2	2	67	.53	.092	9	21	1.04	83	.01	6	1.90	.03	.08	1	2
106853	2	78	4	84	.1	9	16	732	6.37	5	5	ND	1	14	.2	2	2	85	.76	.124	9	15	1.03	145	.01	4	1.86	.04	.04	1	2
106854	1	130	6	89	.1	16	15	777	5.92	7	5	ND	1	11	.2	2	2	115	.63	.092	7	23	.68	155	.01	3	1.60	.06	.04	1	3
106855	1	113	13	76	.1	11	16	585	5.97	22	5	ND	1	10	.3	2	2	119	.32	.092	4	19	.50	132	.01	4	1.31	.07	.05	1	3
106856	1	108	11	59	.1	9	15	914	5.23	15	5	ND	1	19	.2	2	2	69	1.78	.072	3	10	.80	227	.01	6	.90	.05	.08	1	1
106857	1	78	8	75	.1	8	8	487	3.08	12	5	ND	1	11	.2	3	2	44	1.18	.052	2	13	.39	136	.01	5	.52	.06	.06	1	1
106858	2	108	5	64	.1	9	11	544	4.97	41	5	ND	1	10	.4	10	2	65	.52	.061	4	10	.19	332	.01	7	.60	.06	.07	1	4
106859	1	65	2	34	.1	5	5	207	3.76	32	9	ND	1	6	.2	14	2	45	.10	.054	5	9	.09	182	.01	7	.54	.07	.07	1	3
106860	1	126	11	79	.2	24	22	1362	6.63	5	5	ND	1	13	.4	2	2	141	1.11	.051	5	43	1.03	334	.01	4	1.83	.05	.05	1	2
106861	1	137	8	74	.2	23	22	1016	6.65	17	5	ND	1	10	.2	3	2	142	.68	.061	3	50	1.15	388	.01	3	2.13	.05	.05	1	3
106862	1	127	2	60	.2	14	15	482	6.83	17	6	ND	1	6	.2	2	2	113	.22	.081	2	34	.91	55	.01	5	1.83	.04	.06	1	3
106863	1	111	9	54	.2	10	12	532	7.98	6	5	ND	1	20	.2	4	2	103	1.34	.069	2	30	.89	167	.01	4	1.07	.06	.09	1	2
106864	1	157	9	112	.1	20	24	1094	7.63	2	5	ND	1	16	.2	6	2	144	.44	.102	6	34	1.58	93	.01	5	2.51	.04	.04	1	3
106865	1	127	9	61	.1	7	12	490	8.20	6	6	ND	1	10	.2	3	2	148	.12	.114	3	23	.89	223	.01	3	2.06	.07	.04	1	3
106866	1	126	6	75	.2	14	15	719	8.17	9	5	ND	1	13	.2	12	2	123	.33	.073	4	31	.74	236	.01	4	1.67	.07	.06	1	2
106867	1	137	5	66	.1	4	12	664	7.45	16	5	ND	1	18	.2	2	2	129	1.01	.170	8	13	.68	127	.01	3	1.67	.08	.06	1	2
106868	1	155	4	97	.1	9	20	1222	7.63	3	5	ND	1	14	.2	3	2	159	.91	.093	8	18	1.05	132	.01	4	2.14	.07	.03	1	3
106869	1	123	10	79	.1	4	16	786	7.45	6	5	ND	1	11	.2	3	2	128	.21	.108	6	13	.96	542	.01	2	2.26	.05	.06	1	3
106870	1	12	2	1	.2	1	1	29	8.87	12	5	ND	1	11	.2	23	2	57	.01	.082	2	1	.01	102	.01	7	.33	.07	.46	1	2
106871	1	88	7	44	.1	7	9	394	5.16	15	5	ND	1	10	.3	2	2	80	.33	.076	6	15	.57	86	.01	4	1.24	.07	.06	1	3
106872	1	108	9	49	.1	15	10	220	5.13	13	7	ND	1	5	.2	5	2	119	.05	.066	5	28	.40	71	.01	3	1.16	.07	.03	1	3
106873	1	108	4	65	.1	12	13	521	6.49	13	6	ND	1	5	.2	5	2	119	.25	.074	4	34	.78	100	.01	3	1.51	.06	.05	1	1
106874	1	83	9	56	.1	10	11	451	6.20	23	5	ND	1	15	.2	5	2	102	.59	.068	2	23	.82	188	.01	2	1.28	.05	.04	1	3
106875	1	140	7	70	.1	20	18	847	6.27	22	5	ND	1	95	.7	4	2	87	.60	.085	3	29	.77	112	.01	7	1.36	.03	.10	1	5
106876	1	135	5	73	.1	13	18	776	7.43	7	5	ND	1	12	.2	5	2	141	.73	.086	4	34	1.38	53	.01	5	2.01	.04	.06	1	1
106877	1	97	8	69	.2	12	12	439	7.58	45	5	ND	1	12	.2	8	2	115	.57	.081	2	30	.95	41	.01	5	1.47	.04	.08	1	4
106878	2	88	9	56	.1	22	16	689	7.77	52	5	ND	1	10	.5	7	2	113	.79	.075	2	47	1.09	27	.01	3	1.61	.04	.06	1	3
106879	1	110	5	102	.1	21	19	967	6.47	15	5	ND	1	16	.2	5	2	126	1.16	.063	3	34	1.35	96	.01	3	1.88	.04	.07	1	1
106880	5	53	7	32	.1	7	7	147	4.51	17	9	ND	1	31	.6	10	2	65	.11	.055	4	14	.10	162	.01	5	.42	.12	.07	1	3
106881	1	92	5	42	.1	7	10	444	5.43	12	5	ND	1	30	.2	9	2	73	.54	.084	3	12	.29	106	.01	6	.55	.07	.09	1	3
STANDARD C/AU-R	18	58	37	131	6.7	70	31	1051	3.97	40	17	7	36	51	18.5	15	21	55	.50	.097	36	60	.87	179	.07	33	1.89	.06	.14	13	530

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

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DATE RECEIVED: AUG 9 1990 DATE REPORT MAILED: Aug 15/90. SIGNED BY..... C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
106882	1	84	3	47	.1	16	13	406	6.37	7	5	ND	1	9	.2	5	3	87	.15	.069	2	17	.66	81	.01	5	1.27	.04	.09	1	4
106883	1	118	4	79	.1	9	10	627	5.74	13	5	ND	1	12	.2	6	2	76	.82	.094	3	6	.32	70	.01	6	.40	.04	.08	1	1
106884	8	66	28	112	.1	12	7	576	9.36	127	5	ND	1	22	.4	28	2	63	2.90	.061	2	6	.33	317	.01	5	.29	.03	.10	1	1
106885	6	103	5	121	.1	10	8	381	4.20	28	5	ND	1	15	.2	31	2	33	.22	.083	3	6	.06	263	.01	9	.42	.05	.10	1	3
106886	1	65	4	22	.1	7	5	173	3.43	26	5	ND	1	15	.2	8	2	34	.22	.070	3	8	.08	106	.01	7	.30	.06	.10	1	2
106888	1	73	5	49	.2	14	9	334	4.78	44	5	ND	1	15	.2	8	3	40	1.25	.037	2	9	.39	25	.01	6	.23	.05	.08	1	2
106889	4	77	3	35	.1	17	10	160	4.21	56	5	ND	1	11	.2	8	2	28	.50	.064	5	11	.14	25	.01	4	.27	.06	.07	1	3
106890	1	79	2	41	.1	15	8	277	5.74	28	5	ND	1	18	.2	9	2	89	.10	.149	2	48	.56	71	.01	6	1.07	.04	.13	1	2
106891	1	113	4	36	.1	11	10	636	5.53	14	5	ND	1	19	.2	6	2	67	.78	.091	3	14	.37	27	.01	5	.52	.08	.10	1	1
106892	1	50	3	29	.2	12	7	134	3.58	18	5	ND	1	8	.2	11	2	35	.29	.058	3	11	.09	39	.01	4	.37	.05	.08	1	2
106893	2	25	6	3	.2	8	4	79	3.72	31	5	ND	1	12	.2	13	2	32	.01	.036	2	9	.01	64	.01	3	.18	.07	.12	1	2
106894	4	23	4	6	.4	4	3	43	3.33	19	5	ND	1	9	.2	11	2	28	.06	.047	2	4	.03	65	.01	5	.23	.08	.10	1	1
106895	2	18	5	7	.2	5	2	88	2.25	14	5	ND	1	5	.2	11	2	25	.13	.029	2	4	.04	44	.01	4	.24	.07	.08	1	4
106896	2	32	2	2	.3	5	4	28	3.13	13	5	ND	1	2	.2	8	2	17	.01	.003	2	4	.01	28	.01	7	.21	.06	.09	1	3
106897	1	48	4	33	.2	7	4	243	7.32	31	5	ND	1	43	.2	14	2	62	1.00	.076	2	5	.32	83	.01	2	.15	.06	.06	1	2
106898	2	15	2	1	.2	4	1	9	3.00	12	5	ND	1	13	.2	9	2	28	.01	.021	2	4	.01	288	.01	5	.18	.09	.09	1	3
106899	1	14	2	8	.1	4	2	34	2.13	9	5	ND	1	8	.2	8	2	39	.03	.023	2	5	.06	112	.01	5	.36	.08	.09	1	3
106900	1	25	2	19	.3	3	3	75	2.71	7	5	ND	1	6	.2	6	2	64	.05	.069	2	4	.22	59	.01	3	.62	.06	.06	1	2
106901	1	46	7	27	.2	5	4	113	3.83	9	5	ND	2	7	.2	5	2	60	.06	.093	4	9	.06	63	.01	3	.37	.08	.04	1	2
106902	1	23	6	8	.2	6	3	19	3.17	31	5	ND	1	16	.2	4	2	15	.02	.059	5	7	.01	382	.01	3	.29	.07	.08	1	1
106903	1	84	5	59	.1	7	10	331	5.50	24	5	ND	2	17	.2	3	2	67	.14	.144	9	11	.54	70	.01	7	1.23	.06	.08	1	1
106904	1	111	4	71	.1	7	18	1447	7.25	6	5	ND	2	13	.2	4	2	54	.35	.141	10	3	.66	120	.01	4	1.32	.06	.11	1	1
106905	1	131	7	86	.1	12	24	1760	6.05	30	5	ND	1	18	.2	2	2	78	.52	.117	9	8	.55	118	.01	4	1.22	.06	.09	1	2
106906	2	23	2	17	.3	3	1	25	4.67	35	5	ND	1	6	.2	20	2	44	.01	.068	2	5	.01	95	.01	6	.41	.08	.09	1	2
106907	1	14	3	4	.3	2	2	33	2.24	16	5	ND	1	6	.2	11	2	28	.02	.039	2	3	.04	93	.01	5	.34	.06	.09	1	1
106908	2	19	3	1	.2	6	3	28	3.06	12	5	ND	1	5	.2	8	2	29	.01	.026	2	5	.01	78	.01	5	.29	.07	.09	1	2
106909	2	20	2	2	.1	3	3	29	3.14	12	5	ND	1	5	.2	14	2	27	.01	.032	2	3	.01	70	.01	4	.25	.06	.08	1	2
106910	1	31	4	2	.1	4	2	29	4.28	19	5	ND	1	10	.2	8	2	30	.01	.084	2	5	.01	115	.01	5	.32	.07	.10	1	3
106911	1	39	3	7	.1	12	11	297	4.70	59	5	ND	1	27	.2	13	2	40	.87	.123	2	10	.23	28	.01	7	.30	.04	.09	1	3
106912	1	31	69	69	.8	13	10	133	4.60	31	5	ND	1	15	.2	20	3	33	.20	.079	2	11	.05	17	.01	3	.30	.04	.07	1	3
106913	2	14	2	32	.2	7	2	75	3.55	41	5	ND	1	9	.2	18	2	29	.21	.051	2	4	.07	130	.01	4	.31	.07	.08	1	5
106914	1	135	4	96	.1	10	15	420	7.67	63	5	ND	2	11	.2	10	2	49	.36	.124	4	5	.14	8	.01	4	.43	.05	.07	1	3
106915	1	97	6	111	.3	12	14	210	5.40	43	5	ND	1	11	.2	8	2	36	.28	.078	5	9	.17	12	.02	14	.37	.05	.05	1	4
106916	2	80	3	116	.1	20	12	477	4.56	44	5	ND	1	18	.4	7	2	46	1.25	.060	4	12	.43	11	.01	2	.19	.06	.04	1	3
106917	1	95	6	184	.2	21	11	708	4.83	26	5	ND	1	24	.5	9	2	37	2.29	.071	4	5	.87	13	.01	7	.26	.04	.10	1	3
106918	2	44	2	73	.3	33	13	913	5.15	22	7	ND	1	54	.3	7	2	64	4.32	.039	4	10	1.70	50	.01	4	.34	.04	.08	1	3
STANDARD C/AU-R	18	60	39	131	6.9	73	31	1048	3.97	42	21	7	39	50	18.5	15	19	58	.49	.099	39	60	.90	182	.09	32	1.90	.06	.14	12	540

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
106919	1	60	2	166	.1	113	22	1154	4.63	9	5	ND	1	79	.7	4	2	59	5.20	.083	7	102	2.58	37	.01	4	.85	.02	.09	1	11
106920	1	54	4	99	.1	195	23	981	4.48	2	5	ND	1	77	.6	2	2	70	4.43	.096	8	183	2.77	83	.01	9	1.40	.02	.10	1	5
106921	1	43	2	43	.1	151	23	1014	5.14	6	5	ND	1	88	.7	5	2	62	5.58	.089	8	125	2.92	84	.01	6	1.23	.02	.09	1	3
106922	2	102	2	69	.1	11	14	558	5.18	8	5	ND	1	10	.3	3	2	108	.47	.085	4	10	.44	150	.01	3	1.21	.05	.06	1	3
106923	6	77	6	53	.1	11	11	467	5.24	42	5	ND	1	14	.5	9	7	74	.93	.060	2	7	.35	192	.01	5	.79	.04	.08	1	3
106924	2	97	3	57	.1	13	13	672	4.59	14	5	ND	1	10	.2	3	2	72	.68	.065	3	12	.63	95	.01	3	1.19	.06	.06	1	4
106925	2	97	7	41	.1	14	13	310	6.45	23	5	ND	1	8	.2	7	2	100	.10	.051	2	27	.28	218	.01	4	.95	.07	.07	1	2
STANDARD C	19	59	38	129	7.1	72	31	1051	3.99	42	23	8	39	52	18.5	15	20	56	.51	.094	38	56	.89	181	.07	35	1.89	.06	.13	11	-

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

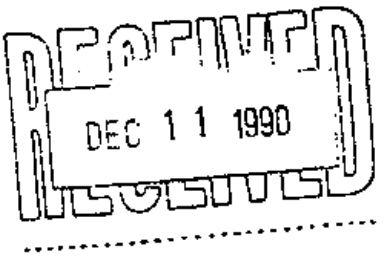
RR Mail G.(Mail) DATE RECEIVED: DEC 6 1990

DATE REPORT MAILED: Dec.10/90.

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9008-041 (291) FILE # 90-3352R Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5



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SAMPLE#	Hg ppb
105876	1500
105877	1200
105878	2100
105879	2200
105880	1900
106851	560
106852	1300
106853	760
106854	580
106855	1300
106856	1050
106857	1900
106858	2500
106859	1800
106860	560
106861	660
106862	1100
106863	2500
106864	540
106865	1600
106866	5600
106867	1500
106868	1400
106869	1500
106870	11600
106871	1500
106872	1800
106873	1500
106874	1700
106875	1500
106876	1100
106877	1300
106878	1900
106879	1500
106880	2500
106881	1600
STANDARD C	1500

- SAMPLE TYPE: ROCK PULP HG ANALYSIS BY FLAMELESS AA.

SIGNED BY. C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
106882	1050
106883	890
106884	1600
106885	3500
106886	1200
106888	2000
106889	1500
106890	2400
106891	1500
106892	2200
106893	2500
106894	4800
106895	3300
106896	3100
106897	6200
106898	6500
106899	3200
106900	2000
106901	2700
106902	4200
106903	1400
106904	2800
106905	1400
106906	4400
106907	4000
106908	3800
106909	5000
106910	3300
106911	3000
106912	4000
106913	5600
106914	5500
106915	2600
106916	2300
106917	3200
106918	1600
STANDARD C	1300

SAMPLE#	Hg ppb
106919	1500
106920	1700
106921	1600
106922	1800
106923	2500
106924	1600
106925	2300

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
105382	1	51	10	94	.1	21	12	909	4.04	11	5	ND	1	39	.4	2	2	128	1.62	.086	7	21	1.23	36	.34	19	2.68	.95	.03	1	2
105383	1	183	5	131	.1	14	29	1649	7.78	7	5	ND	2	19	.2	3	2	92	.47	.081	5	7	.33	170	.01	5	.79	.03	.09	1	4
105384	1	64	2	105	.2	32	15	758	4.08	23	5	ND	1	11	.7	20	2	36	.43	.049	6	7	.24	67	.01	12	.42	.01	.01	1	5
105385	4	78	8	153	.1	45	17	1164	5.65	10	5	ND	1	21	.4	2	2	68	1.12	.080	10	16	.68	203	.03	4	1.14	.01	.07	1	2
105386	1	56	7	97	.1	21	13	985	4.45	2	5	ND	2	44	.2	2	2	142	1.82	.094	8	22	1.38	46	.39	20	2.99	1.04	.04	1	1
105387	2	86	6	125	.1	15	13	749	4.29	2	5	ND	2	64	1.1	4	2	130	2.44	.118	8	13	1.38	117	.28	18	2.73	.76	.05	1	2
105388	2	76	5	143	.1	15	13	734	4.54	4	5	ND	1	59	1.2	3	2	132	2.38	.127	8	12	1.30	147	.29	27	2.43	.65	.05	1	2
STANDARD C/AU-S	20	61	42	135	7.2	73	32	1048	3.97	38	18	8	40	53	18.9	15	20	61	.52	.099	39	59	.89	181	.09	35	1.90	.06	.13	12	89

SAMPLE#	Hg ppb
105382	200
105383	1500
105384	1400
105385	380
105386	160
105387	250
105388	550
STANDARD C	1600

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

GEOCHEMICAL ANALYSIS CERTIFICATE

More Ck (MS)

Noranda Exploration Co. Ltd. PROJECT 9009-006 291 File # 90-3895R

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

(Also see 9012-001)

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
129826	7	125	47	78	.1	8	14	1157	5.81	38	5	ND	1	19	.2	4	7	70	2.19	.120	6	6	.50	31	.01	7	.92	.06	.10	1	5	600
129827	1	64	9	69	.1	15	20	2318	5.69	82	5	ND	1	176	.9	8	9	67	10.60	.035	5	7	2.12	86	.01	5	.66	.04	.04	1	1	310
129828	1	175	5	85	.1	11	19	1793	6.30	82	5	ND	1	59	.2	27	2	113	3.47	.148	10	11	.12	971	.01	8	.52	.07	.02	1	1	1300
129829	1	85	3	18	.2	6	12	2416	2.36	105	5	ND	1	223	.3	16	8	14	20.55	.058	9	1	.10	57	.01	3	.19	.03	.06	1	2	1400
129830	10	62	4	14	.2	16	18	1394	2.17	76	5	ND	1	125	.2	6	7	11	7.91	.038	4	3	.04	45	.01	5	.19	.04	.06	1	3	760
129831	1	114	14	34	.1	6	19	1662	2.77	30	5	ND	1	198	.4	2	8	21	10.27	.080	7	1	.21	42	.01	5	.27	.04	.09	1	2	1200
129832	1	281	13	81	.1	30	49	2174	4.24	82	5	ND	1	76	.2	9	9	21	4.21	.120	23	2	.03	21	.01	9	.77	.03	.13	1	1	1700
129833	1	8	2	16	.2	1	1	3665	.78	5	5	ND	1	369	.2	3	4	6	35.45	.003	4	1	.16	80	.01	2	.02	.01	.01	2	1	1600
129834	1	237	5	160	.1	25	36	3026	7.24	134	5	ND	1	76	1.8	7	2	69	7.88	.050	14	7	2.87	27	.01	15	.72	.02	.12	1	1	2900
129835	1	24	2	161	.4	9	12	2573	6.82	64	5	ND	1	145	1.6	4	2	50	18.85	.010	3	1	4.61	12	.01	7	.10	.01	.03	1	1	2100
129836	1	415	2	29	.1	2	6	2025	2.01	27	5	ND	1	758	.2	2	2	25	29.49	.385	4	11	.09	21	.01	2	3.22	.01	.01	1	1	1500
129837	1	68	2	13	.1	1	7	133	8.64	40	5	ND	1	88	.2	9	2	44	.48	.315	2	1	.07	153	.01	11	.40	.12	.18	1	1	6600
129838	1	145	2	127	.3	15	26	4166	6.69	8	5	ND	1	39	.3	2	7	104	4.48	.105	13	3	.46	389	.01	7	.66	.04	.10	1	2	510
129839	3	91	7	108	.4	9	14	563	5.02	9	5	ND	1	14	.2	2	7	90	.53	.045	3	9	.67	32	.01	6	1.38	.08	.03	1	1	920
129840	1	63	7	116	.1	21	15	2072	5.62	3	5	ND	1	63	.2	2	2	86	8.97	.046	4	3	2.58	75	.01	5	.28	.01	.08	1	1	960
STANDARD C/AU-R	19	59	41	131	7.2	72	32	1054	3.97	40	19	7	37	53	18.3	15	17	55	.60	.097	37	56	.90	181	.07	40	1.89	.06	.14	13	520	1500

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

DATE RECEIVED: AUG 27 1990 **DATE REPORT MAILED:** Dec 7/90 **SIGNED BY.** D. Toye .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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NORANDA VANCOUVER LABORATORY

Geochemical Analysis

Project Name & No.: ~~KM~~ MORE CK - 291 Geol.: M.S. Date rec'd: DEC. 03

Material: 477 SOILS/TALUS Sheet: 1 of 13 Date comp DEC. 12

LAB CODE: 9012-001 (see also 9008-66 + 9008-86)

Remarks: * Sample screened @ -35 MESH (0.5 mm).

¤ Organic. *Sb - Aqua Regia/Tartaric acid/AA* 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 HClO4/HNO3 (4:1) at 200 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

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

T.T. No.	SAMPLE No.	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	Sb ppm
2	9300E-9750N	0.2	5.64	2	778	1.3	2	0.66	0.4	41	36	51	118	6.93	1.56	16	20	0.93	1937	1	0.03	42	0.13	3	85	0.07	224	130	4
3	9775	0.2	6.03	8	950	1.1	2	4.16	0.6	41	28	11	55	4.01	1.66	13	17	0.98	1541	1	0.09	19	0.11	9	88	0.09	161	104	2
4	9800	0.2	4.74	10	477	1.3	2	0.74	0.6	51	52	106	191	6.17	1.36	19	9	0.59	2983	2	0.04	101	0.14	7	17	0.08	309	189	4
5	9825	0.2	4.12	8	322	1.1	2	0.43	0.7	44	39	15	235	5.62	1.13	17	8	0.44	3087	2	0.02	20	0.14	4	14	0.07	355	181	2
6	9300E-9850N	0.2	4.21	13	343	1.3	2	0.46	0.9	44	42	14	231	5.30	1.17	17	11	0.55	3143	2	0.03	19	0.13	7	16	0.09	339	182	1
7	9300E-9875N	0.2	4.09	11	327	1.3	3	0.48	1.0	45	41	13	243	5.66	0.99	18	11	0.64	3199	2	0.03	19	0.14	4	16	0.09	353	172	1
8	9900	0.2	4.28	17	385	1.4	3	0.52	1.0	47	46	16	269	9.08	1.17	18	13	0.81	3337	2	0.03	21	0.15	6	17	0.09	359	180	1
9	9925	0.2	3.47	11	441	1.2	2	0.53	0.8	40	35	15	208	7.93	0.80	15	12	0.58	2635	2	0.02	17	0.13	5	16	0.06	354	159	1
10	9950	0.2	4.24	20	374	1.4	4	0.64	1.3	50	45	17	286	8.78	0.87	17	24	1.21	3646	2	0.02	20	0.14	6	18	0.06	450	226	1
11	9300E-9975N	0.2	4.75	15	441	1.6	5	0.60	0.2	49	45	27	345	6.68	1.04	19	27	1.11	3337	3	0.03	23	0.14	2	19	0.05	437	121	6
12	9300E-10000N	0.2	3.95	9	376	1.2	3	0.55	0.2	46	40	30	266	5.43	0.63	16	25	0.90	2992	2	0.03	21	0.16	2	17	0.06	372	169	1
13	9400E-9700N	0.2	4.54	6	355	1.1	2	0.39	0.6	39	24	60	79	4.71	1.22	16	26	1.07	1497	2	0.03	73	0.10	9	28	0.07	174	183	4
14	9725	0.2	4.88	9	313	1.2	2	0.20	0.4	54	31	49	134	6.85	1.07	20	22	0.93	2078	3	0.04	44	0.17	3	20	0.10	211	173	4
15	9750	0.2	4.09	8	305	1.0	2	0.15	0.2	48	32	49	147	7.46	0.82	19	18	0.67	2558	2	0.04	38	0.18	2	28	0.09	225	158	5
16	9400E-9775N	0.2	3.93	14	386	0.9	2	0.32	0.3	46	31	57	147	7.19	0.87	20	18	0.67	2073	2	0.04	49	0.16	2	31	0.08	216	146	6
17	9400E-9800N	0.2	4.72	7	386	1.1	2	0.49	0.6	45	40	34	178	6.28	1.10	17	18	0.82	3045	2	0.04	44	0.13	3	37	0.09	270	182	5
18	9825	0.2	3.75	12	291	0.8	2	0.23	0.3	37	31	46	164	6.82	0.72	14	21	0.72	1830	2	0.06	43	0.12	4	33	0.06	204	127	4
19	9850	0.2	4.25	7	176	1.3	2	0.06	0.2	61	32	76	141	6.20	0.41	16	24	0.95	2080	2	0.06	62	0.13	3	12	0.12	186	130	6
20	9875	0.2	3.35	6	165	0.7	2	0.11	0.3	27	16	38	68	4.53	0.49	11	12	0.34	1608	3	0.04	13	0.25	2	18	0.11	160	98	1
21	9400E-9900N	0.2	4.62	7	104	0.9	2	0.04	0.3	61	15	73	96	4.04	0.23	16	27	0.72	737	3	0.04	36	0.24	4	10	0.11	161	110	6
22	9400E-9925N	0.2	4.70	3	163	1.0	2	0.07	0.2	47	22	41	131	5.44	0.48	17	21	0.65	1798	3	0.05	19	0.26	6	18	0.15	225	137	2
23	9950	0.4	4.36	12	148	1.0	2	0.06	0.2	48	28	34	141	5.70	0.46	17	20	0.64	2512	3	0.05	19	0.23	6	13	0.14	225	152	2
24	9975	0.2	4.48	7	216	1.2	2	0.10	0.6	58	41	33	181	6.01	0.62	20	25	0.98	3429	3	0.07	25	0.22	6	16	0.12	262	188	4
25	9400E-10000N	0.2	4.06	15	254	1.2	2	0.13	0.7	57	46	22	198	5.20	0.60	20	24	1.08	3317	3	0.06	25	0.17	7	15	0.12	267	178	4
26	9500E-9800N	0.2	4.60	2	254	1.3	2	0.18	0.4	47	45	36	204	6.22	1.08	18	25	0.52	2661	2	0.04	34	0.14	6	21	0.08	239	175	4
27	9500E-9825N	0.2	4.16	23	503	1.2	3	0.17	1.3	59	60	20	252	10.06	0.90	25	19	0.40	3452	4	0.03	45	0.15	14	35	0.07	289	240	2
28	9850	0.2	4.77	7	344	1.1	2	0.15	0.4	61	37	61	178	7.21	0.76	22	28	0.92	2083	2	0.04	56	0.13	6	24	0.11	230	140	4
29	9875	0.4	3.74	11	258	1.1	2	0.22	0.8	55	34	44	148	6.76	0.49	18	21	0.86	2674	2	0.04	33	0.20	6	17	0.12	212	151	2
30	9900 ¤	0.2	2.85	2	223	1.0	2	0.23	1.1	37	35	31	105	5.49	0.33	14	12	0.48	3391	3	0.04	15	0.28	6	16	0.09	144	132	1
31	9500E-9925N	0.4	3.92	13	426	1.6	2	0.41	1.6	54	47	46	116	6.84	0.48	21	21	0.57	4969	5	0.06	24	0.37	8	28	0.12	206	213	2

17/12 ms pp
(PG)

T.T. No.	SAMPLE No.		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	Sb ppm	9012-001 Pg. 2 of 13
32	9500E-9950N		0.6	4.25	15	326	1.4	2	0.19	0.5	79	44	37	160	7.49	0.52	33	25	1.06	3743	2	0.06	26	0.21	4	21	0.10	240	165	5	
33	9975		0.6	4.68	14	248	1.6	2	0.09	0.2	82	42	56	190	8.01	0.71	26	20	0.84	3329	3	0.05	39	0.23	6	16	0.10	251	178	5	
34	9500E-10000N		0.6	4.46	17	390	1.6	3	0.19	0.4	71	42	37	167	8.72	0.48	26	33	1.22	3639	3	0.06	32	0.19	4	19	0.13	254	204	2	
35	9850E-9825N		0.6	3.20	2	269	1.0	2	0.46	0.2	41	23	46	93	5.16	0.59	12	15	0.68	2200	3	0.03	22	0.35	4	28	0.09	176	146	4	
36	9550E-9850N		0.2	5.06	5	249	1.5	3	0.14	0.2	67	33	38	194	6.91	0.95	24	21	0.50	3032	4	0.04	26	0.22	4	16	0.10	274	200	4	
37	9550E-9875N		0.4	4.55	3	316	1.3	3	0.14	0.4	61	40	22	229	9.21	0.88	23	18	0.41	3613	5	0.03	21	0.18	2	13	0.08	299	233	4	
38	9900		0.6	4.46	10	267	1.6	3	0.15	0.4	79	43	43	186	10.00	0.61	30	18	0.46	3377	3	0.04	31	0.26	9	17	0.13	245	218	15	
39	9925		0.4	4.17	17	238	1.3	2	0.07	0.2	54	38	63	161	8.35	0.76	17	18	0.69	2640	2	0.05	44	0.17	6	21	0.10	232	162	10	
40	9950		0.2	4.44	20	232	1.2	2	0.10	0.2	53	35	52	146	7.07	0.66	16	21	0.90	2644	2	0.04	33	0.19	3	20	0.12	223	154	4	
41	9550E-9975N		0.4	4.18	31	271	1.4	6	0.09	0.9	72	49	40	192	9.83	0.66	23	19	0.67	3924	4	0.05	34	0.20	9	21	0.11	269	196	10	
42	9550E-10000N		0.2	4.59	15	219	1.6	4	0.09	0.5	63	38	66	155	7.59	0.52	29	22	0.67	3567	3	0.06	35	0.26	2	17	0.16	234	169	6	
43	9800E-9900N	□	0.2	2.60	5	382	0.9	2	0.77	2.0	45	23	47	63	4.47	0.40	16	11	0.36	2831	3	0.04	21	0.27	5	36	0.14	136	175	4	
44	9925	□	0.2	2.86	6	282	1.1	2	0.76	1.7	51	19	40	59	4.72	0.33	17	16	0.41	1943	3	0.05	19	0.29	3	31	0.16	135	174	6	
45	9950		0.4	4.29	7	282	1.7	2	0.39	0.4	68	28	63	91	6.64	0.38	29	21	0.66	2643	3	0.07	32	0.26	2	24	0.24	195	143	2	
46	9800E-10000N		0.4	4.08	16	286	1.5	2	0.26	0.6	86	42	37	109	8.69	0.43	32	21	1.03	3280	3	0.09	29	0.23	8	24	0.21	197	138	4	
47	9800E-10025N		0.4	3.96	3	172	1.5	2	0.22	0.4	66	30	32	79	6.67	0.25	25	16	0.58	2499	2	0.06	18	0.26	5	18	0.31	144	107	4	
48	10050		0.4	3.83	13	262	1.8	2	0.19	0.4	96	30	49	120	8.65	0.45	30	22	0.81	2810	2	0.08	36	0.16	5	20	0.15	178	140	8	
49	10075		0.4	4.23	21	346	1.7	5	0.27	1.4	104	51	29	191	9.45	0.37	41	32	1.25	5415	3	0.06	29	0.20	12	25	0.11	232	204	6	
51	9800E-10100E		0.4	4.10	30	267	1.7	4	0.18	0.7	92	46	25	192	9.48	0.29	34	34	1.10	4966	5	0.06	27	0.22	13	22	0.12	226	210	2	
52	9650E-9850N		0.4	4.82	3	331	1.1	2	0.25	0.2	48	30	35	173	8.36	1.12	20	10	0.39	2292	2	0.04	32	0.14	6	20	0.12	302	152	2	
53	9650E-9875N		0.2	4.66	10	239	1.3	2	0.17	0.2	49	27	73	129	7.29	0.79	19	16	0.61	1813	2	0.04	49	0.16	4	23	0.13	258	136	6	
54	9900		0.2	5.24	6	519	1.1	3	0.31	0.2	48	42	30	166	8.64	1.41	18	12	0.62	2982	2	0.04	41	0.12	4	21	0.13	324	147	2	
55	9925		0.2	4.57	12	318	1.1	2	0.24	0.2	64	38	32	154	8.06	0.72	18	31	1.45	2679	2	0.07	32	0.16	3	24	0.13	228	113	2	
56	9950		0.4	5.12	10	462	1.1	2	0.35	0.2	44	41	24	174	8.99	0.98	16	35	1.75	3223	2	0.06	33	0.11	4	29	0.11	256	116	4	
57	9650E-9975N		0.2	4.85	6	369	1.1	2	0.91	0.2	48	38	35	171	8.73	0.88	17	38	1.98	2489	2	0.07	37	0.13	5	27	0.11	242	120	4	
**	9650E-10000N	*	I.S.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	
58	10025		0.4	4.00	2	294	1.0	2	0.26	0.2	39	36	36	173	7.97	1.09	14	10	0.38	2600	1	0.03	34	0.11	5	21	0.10	270	141	5	
59	10050		0.2	4.03	11	407	1.0	2	0.27	0.4	45	43	119	128	8.69	0.72	17	37	1.90	2734	2	0.06	97	0.12	2	41	0.08	224	111	2	
60	10075		0.4	5.16	12	395	1.2	2	0.22	0.6	83	60	205	120	7.66	0.85	24	35	1.45	2719	4	0.07	154	0.17	2	35	0.08	254	147	1	
61	9650E-10100N	*	0.4	3.40	24	424	1.1	5	0.40	0.7	56	43	37	164	7.97	0.36	24	32	1.40	3668	4	0.09	41	0.13	10	27	0.09	235	192	2	
62	9650E-10125N		0.4	3.49	28	522	1.3	6	0.32	1.2	68	57	26	189	10.26	0.29	26	31	1.29	6367	5	0.08	41	0.15	11	24	0.09	285	209	2	
63	10150		0.4	3.90	20	319	1.8	8	0.42	1.1	87	47	33	196	9.70	0.35	37	36	1.47	4915	4	0.08	45	0.12	8	28	0.11	241	214	1	
64	10175		0.4	4.33	13	623	1.5	4	0.42	0.8	75	34	52	154	8.90	0.59	30	33	1.85	2845	3	0.07	43	0.16	7	30	0.15	212	148	1	
65	9650E-10200N		0.6	4.61	11	938	1.7	4	0.47	0.6	80	37	52	188	7.43	0.57	37	36	1.63	4293	3	0.07	42	0.16	7	34	0.15	248	161	1	
66	9700E-9950N		0.2	6.32	2	187	1.3	2	0.38	0.2	56	32	9	170	6.83	1.63	13	6	0.39	2346	1	0.02	17	0.11	2	12	0.13	324	106	2	
67	9700E-9975N		0.4	5.44	9	230	1.0	2	0.14	0.2	61	40	30	147	8.00	1.42	19	10	0.55	3299	1	0.03	36	0.12	2	31	0.10	310	152	1	
68	10000		0.4	4.79	16	661	1.1	4	0.18	0.4	40	48	26	174	9.61	1.26	15	11	0.42	3692	2	0.06	39	0.14	5	25	0.07	280	175	4	
69	10025		0.6	4.45	9	326	2.2	2	0.20	0.2	87	31	27	166	6.64	0.64	29	30	1.12	2733	1	0.10	23	0.13	3	21	0.10	206	144	2	
70	10050		0.2	5.06	5	308	1.2	2	0.24	0.2	48	36	29	189	8.82	0.76	16	37	1.67	2605	1	0.07	27	0.14	2	20	0.10	248	129	4	
71	9700E-10075N	*	0.2	3.94	11	226	1.4	4	0.49	1.0	62	43	77	112	6.86	0.23	22	59	3.50	2166	2	0.10	126	0.10	7	26	0.19	204	119	1	

T.T. No.	SAMPLE No.		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	Sb ppm	9012-001 Pg. 3 of 13
72	9700E-10100N		0.4	4.67	10	293	1.4	2	0.56	0.9	73	52	87	105	5.90	0.25	27	68	0.60	3533	2	0.15	165	0.12	2	23	0.21	210	120	1	
73	9750E-10025N		0.4	5.35	12	400	1.3	3	0.51	0.2	45	48	192	109	6.62	1.16	18	29	1.28	1374	1	0.06	195	0.12	2	25	0.14	258	97	4	
74	10050	*	0.4	4.71	8	310	1.0	2	0.21	0.3	41	39	37	176	7.10	0.71	15	38	1.49	2224	2	0.08	49	0.13	2	16	0.11	252	147	2	
75	10075		0.4	4.67	13	255	1.2	4	0.36	0.8	44	39	23	163	7.22	0.54	14	44	2.65	2721	1	0.08	36	0.11	2	22	0.13	247	134	4	
76	9750E-10100N		0.4	4.98	10	321	1.3	4	0.37	0.7	64	46	25	203	6.01	0.60	18	40	2.34	3290	2	0.10	32	0.14	5	27	0.14	272	158	2	
77	9750E-10125N	*	0.2	4.96	7	360	1.1	3	0.37	0.4	42	36	23	200	7.44	0.79	13	40	1.75	2491	1	0.08	30	0.12	2	20	0.10	267	135	4	
78	10150		0.2	4.70	19	309	1.4	4	0.40	0.6	58	40	27	177	7.29	0.80	20	38	1.92	4142	2	0.07	29	0.14	4	31	0.11	275	151	1	
79	10175		0.2	4.60	14	387	1.1	3	0.38	0.5	46	40	31	199	7.09	0.71	17	37	1.74	2964	2	0.07	30	0.13	2	23	0.09	248	141	2	
80	9750E-10200N		0.4	4.93	12	390	1.2	5	0.36	0.7	53	42	34	216	7.59	0.77	19	38	1.86	2743	2	0.07	31	0.15	2	25	0.09	256	153	2	
81	9800E-9775N		0.2	6.02	6	203	1.4	2	1.00	0.5	54	30	15	143	7.14	1.24	21	26	0.91	1593	2	0.09	23	0.14	3	94	0.18	232	164	5	
82	9800E-9800N		0.6	5.42	2	203	1.1	3	0.57	0.5	43	32	9	123	7.35	1.11	16	20	0.52	2129	1	0.04	18	0.12	4	123	0.21	221	204	2	
83	9825		0.4	3.44	41	377	0.4	2	0.02	0.2	22	7	29	60	7.68	0.90	10	10	0.26	214	2	0.06	13	0.17	2	32	0.08	213	56	30	
84	9850		0.4	3.97	32	349	0.6	2	0.21	0.3	36	31	87	113	8.99	0.98	14	16	0.48	1372	2	0.06	70	0.13	3	28	0.09	214	112	20	
85	9875		0.4	3.65	43	319	0.6	2	0.12	0.2	32	25	48	125	7.03	0.93	13	11	0.34	1095	2	0.07	34	0.12	2	20	0.07	218	104	20	
86	9800E-9900N		0.4	3.62	52	315	0.7	2	0.14	0.2	34	28	49	131	7.11	0.93	13	11	0.40	1244	2	0.07	40	0.13	2	20	0.07	213	112	18	
87	9800E-9925N	*	0.6	6.69	6	494	1.2	3	0.75	0.3	53	47	213	108	7.17	1.62	19	21	0.68	1915	1	0.04	209	0.15	2	32	0.15	276	126	4	
88	9950	*	0.4	6.13	2	629	1.1	3	1.99	0.2	54	44	194	97	6.22	1.42	17	19	0.62	1959	1	0.04	203	0.13	2	44	0.15	244	108	2	
89	9975	*	0.4	6.16	6	594	1.1	3	2.07	0.2	56	52	220	132	7.70	1.47	18	18	0.70	2460	1	0.03	235	0.16	2	35	0.12	284	157	4	
90	10000		0.4	6.04	2	236	1.1	2	5.53	0.6	35	44	228	108	6.72	1.49	12	35	1.62	1687	1	0.04	319	0.13	2	31	0.09	263	70	4	
91	9800E-10025N		0.2	5.77	19	128	1.8	2	0.10	0.2	57	18	160	59	5.90	0.57	29	21	0.45	570	3	0.06	50	0.22	2	16	0.25	205	103	1	
92	9800E-10050N		0.4	5.19	31	342	1.3	3	0.29	0.2	56	38	60	165	8.48	0.90	26	33	1.45	1500	4	0.09	78	0.19	2	30	0.13	262	159	16	
93	10075		0.4	5.06	23	277	1.1	2	0.17	0.2	46	36	28	170	7.30	0.97	19	25	0.96	1716	3	0.09	30	0.16	3	25	0.13	251	143	8	
94	10100		0.2	4.81	16	278	1.0	2	0.22	0.2	46	39	25	175	7.09	0.85	17	29	1.16	2091	2	0.08	29	0.14	3	22	0.14	237	142	1	
95	9800E-10150N		0.6	4.50	17	345	1.3	2	0.50	0.3	52	49	14	221	7.47	0.39	19	49	2.80	5449	2	0.09	25	0.14	2	34	0.12	321	148	1	
96	9850E-9800N		0.2	3.97	21	224	0.9	2	0.32	0.2	38	26	31	126	8.06	0.82	16	17	0.54	1441	2	0.09	33	0.15	2	54	0.15	204	156	10	
97	9850E-9825N	*	0.4	5.82	15	202	1.0	2	0.54	0.2	43	24	13	109	8.56	1.14	17	22	0.66	1372	2	0.08	20	0.14	2	89	0.17	212	151	6	
98	9850		0.4	4.38	28	230	0.9	2	0.26	0.2	37	26	22	122	7.02	0.93	16	18	0.56	967	2	0.09	26	0.16	2	50	0.12	196	128	14	
99	9875		0.6	4.06	34	334	0.7	2	0.14	0.2	32	17	56	98	7.83	0.99	14	14	0.41	615	2	0.06	36	0.16	2	38	0.08	215	95	16	
101	9900		0.2	4.53	34	325	1.0	2	0.38	0.2	44	33	115	112	7.71	1.13	20	19	0.64	1188	3	0.06	97	0.16	5	33	0.12	232	104	12	
102	9850E-9925N		0.2	4.05	51	364	0.7	2	0.16	0.2	38	32	44	140	7.65	1.05	16	11	0.44	1454	3	0.06	41	0.13	2	22	0.08	233	116	26	
103	9850E-9950N		0.4	5.18	31	364	1.0	2	0.36	0.2	48	41	146	113	7.18	1.21	16	18	0.69	1771	1	0.05	133	0.15	2	18	0.12	260	109	8	
104	9975		0.4	6.10	4	182	0.9	2	0.52	0.2	35	24	217	83	6.19	1.28	14	13	0.33	754	1	0.03	128	0.19	2	23	0.15	242	141	1	
105	10000		0.4	4.56	6	214	1.0	2	0.40	0.2	41	25	206	89	5.35	0.78	14	24	0.64	1163	1	0.04	84	0.23	2	17	0.14	207	147	6	
106	10025		0.4	6.76	29	395	1.5	2	0.43	0.2	53	58	262	96	6.75	1.32	25	55	2.42	1953	1	0.06	242	0.16	2	14	0.15	303	106	1	
107	9950E-10050N		0.6	5.08	35	432	1.1	2	0.14	0.2	69	53	37	190	8.43	0.84	22	26	0.76	2627	4	0.07	91	0.24	6	27	0.12	283	170	16	
108	9850E-10075N		0.6	4.41	44	256	1.0	2	0.08	0.2	56	51	26	166	8.59	0.58	20	24	0.64	3047	4	0.07	25	0.20	4	17	0.18	232	170	12	
109	10100		0.6	4.34	40	356	0.7	2	0.06	0.2	39	21	22	147	7.80	1.02	16	11	0.41	914	2	0.13	16	0.17	5	33	0.08	264	118	40	
110	10125		0.4	5.48	23	216	1.1	2	0.09	0.2	35	36	32	159	7.11	1.22	16	17	0.69	1195	2	0.06	23	0.14	3	21	0.10	265	147	18	
111	10150		0.4	4.89	15	251	1.3	2	0.26	0.2	50	28	24	165	8.64	0.96	21	24	0.99	1527	2	0.07	26	0.15	2	26	0.16	226	129	6	
112	9850E-10175N		0.2	4.71	8	263	1.0	2	0.31	0.2	37	30	19	167	8.06	1.06	14	22	0.97	1769	1	0.06	27	0.11	2	20	0.14	226	116	6	

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 4 of 13
113	9850E-10200N	0.6	5.24	6	292	1.2	2	0.29	0.2	47	58	15	201	6.41	1.36	18	18	0.89	4573	1	0.05	29	0.11	2	20	0.12	308	131	1	
114	9900E-9850N	0.6	4.08	19	568	1.0	2	0.42	0.2	41	27	16	145	7.33	0.94	16	17	0.81	1160	2	0.07	28	0.14	2	57	0.17	185	162	6	
115	9875 *	0.4	5.30	7	190	1.1	2	0.72	0.2	45	28	11	127	7.56	1.08	16	20	0.87	1752	1	0.07	18	0.14	2	101	0.20	219	176	6	
116	9900 *	0.4	4.92	15	226	1.0	2	0.67	0.2	46	23	23	129	7.09	1.07	16	21	0.70	1268	2	0.06	26	0.15	2	69	0.14	199	146	8	
117	9900E-9925N	0.4	4.69	53	399	0.8	2	0.19	0.2	45	35	39	152	7.77	1.14	16	12	0.49	1654	2	0.06	42	0.14	2	25	0.08	257	123	24	
118	9900E-9950N	0.4	3.87	56	343	0.7	2	0.11	0.2	34	29	29	137	7.29	1.03	13	9	0.38	1437	2	0.05	28	0.13	2	21	0.04	231	114	28	
119	9975 *	0.6	4.30	61	401	0.7	2	0.14	0.2	32	26	19	137	7.17	1.20	12	9	0.38	1309	3	0.06	21	0.12	2	21	0.04	253	111	26	
120	10000	0.4	5.60	12	481	1.3	2	0.20	0.2	53	54	87	138	8.47	1.46	19	12	0.60	2951	2	0.03	104	0.14	2	14	0.08	276	190	6	
121	10025	0.4	5.39	41	858	1.6	5	0.09	0.6	69	80	136	210	11.30	1.14	22	20	0.56	3636	5	0.04	144	0.25	4	21	0.08	258	247	8	
122	9900E-10050N	0.2	5.55	94	439	1.1	4	0.04	0.2	57	59	22	216	8.81	1.15	23	19	0.60	2338	6	0.09	30	0.24	6	34	0.09	287	161	22	
123	9900E-10075N	0.4	5.00	68	258	0.9	3	0.03	0.2	45	38	19	197	8.35	1.07	18	15	0.59	1102	2	0.07	19	0.18	3	27	0.09	250	113	14	
124	10100	0.4	5.10	78	328	0.9	2	0.06	0.2	49	50	25	212	9.76	1.06	20	18	0.64	1448	3	0.07	23	0.18	7	29	0.07	276	133	28	
125	10125	0.4	6.42	146	444	0.8	3	0.03	0.2	48	27	27	210	9.80	1.17	20	15	0.57	791	2	0.12	21	0.20	14	57	0.07	320	121	38	
126	10150	0.6	6.28	33	411	1.0	2	0.05	0.2	30	30	22	169	6.35	1.71	12	12	0.62	817	1	0.08	19	0.13	2	30	0.12	289	104	8	
127	9900E-10175N	0.4	5.02	26	142	0.8	2	0.03	0.2	29	21	26	181	7.93	1.08	13	8	0.37	766	1	0.05	23	0.16	2	16	0.09	275	138	20	
128	9900E-10200N	0.4	5.13	14	349	1.1	2	0.09	0.2	40	20	28	129	6.46	1.22	18	11	0.44	845	2	0.06	18	0.16	2	28	0.11	250	110	12	
129	9900E-10225N	0.4	5.59	8	248	1.3	2	0.20	0.2	44	48	27	256	8.00	1.36	17	20	0.66	2522	1	0.05	31	0.18	2	24	0.10	248	142	6	
130	9950E-9875N *	0.4	4.53	16	318	1.0	2	0.52	0.2	46	28	22	170	7.14	1.06	18	18	0.82	1083	3	0.06	27	0.17	2	57	0.13	196	157	8	
131	9900	0.2	4.27	15	351	1.1	2	1.15	0.6	48	30	12	122	7.06	0.91	18	20	0.85	1690	2	0.08	20	0.11	5	69	0.17	189	195	6	
132	9950E-9925N	0.4	4.32	12	205	0.9	2	0.98	0.5	45	30	13	122	7.41	0.94	15	17	0.74	1852	2	0.07	23	0.12	2	91	0.18	194	194	1	
133	9950E-9950N *	0.4	4.35	25	393	0.9	2	0.64	0.2	44	33	121	111	7.47	1.06	16	25	0.96	1170	2	0.06	111	0.13	2	90	0.12	230	107	16	
134	9975	0.2	4.19	53	292	0.8	2	0.07	0.2	31	26	16	137	7.74	1.18	13	8	0.33	1259	2	0.06	18	0.14	4	24	0.06	251	104	30	
135	10000	0.2	4.05	51	318	0.8	2	0.05	0.2	29	25	15	134	7.58	1.15	12	8	0.31	1179	2	0.06	17	0.14	3	23	0.06	239	101	30	
136	10050	0.2	4.23	78	341	0.7	2	0.11	0.2	35	40	18	179	7.01	1.17	13	9	0.34	1958	4	0.05	27	0.12	5	21	0.04	245	147	50	
137	9950E-10075N	0.2	4.09	65	390	0.8	2	0.13	0.2	32	28	19	140	6.79	1.25	13	8	0.31	1390	5	0.05	22	0.09	9	27	0.05	234	97	62	
138	9950E-10100N	0.4	4.40	35	332	1.0	2	0.19	0.2	35	43	24	194	7.06	1.28	14	10	0.48	2266	2	0.04	35	0.10	2	24	0.09	248	149	14	
139	10125	0.2	5.29	19	280	1.0	2	0.19	0.2	32	36	25	191	8.58	1.53	13	9	0.46	2061	1	0.04	30	0.12	2	29	0.10	258	132	8	
140	10150	0.2	5.50	15	109	0.9	2	0.06	0.2	69	12	35	102	5.50	0.85	16	9	0.36	413	2	0.06	13	0.13	4	12	0.20	220	91	6	
141	10175	0.4	5.19	37	316	1.1	2	0.07	0.2	25	22	24	121	6.61	1.20	19	12	0.48	1131	2	0.09	21	0.14	5	28	0.12	259	112	16	
142	9950E-10200N	0.4	4.46	24	335	0.7	2	0.04	0.2	38	9	16	71	6.91	1.08	19	9	0.28	490	2	0.11	10	0.14	8	33	0.11	226	74	40	
143	9950E-10225N	0.2	5.41	23	371	0.5	2	0.03	0.2	44	8	6	73	5.58	1.66	23	9	0.23	352	1	0.13	6	0.17	4	43	0.10	284	50	36	
144	10250	0.2	4.19	23	364	0.5	2	0.02	0.2	43	9	8	108	7.68	1.24	20	6	0.16	387	1	0.16	8	0.24	4	40	0.08	298	58	34	
145	9950E-10285N	0.6	3.66	32	483	0.6	3	0.03	0.2	81	8	6	87	8.08	1.15	38	4	0.14	224	2	0.18	4	0.29	2	57	0.07	270	64	32	
146	10000E-9900N	0.4	4.09	7	221	1.0	2	1.47	0.4	49	24	10	127	6.04	1.01	16	19	1.27	1421	1	0.07	18	0.13	2	77	0.16	157	119	2	
147	10000E-9920N	0.4	4.26	16	361	1.0	2	1.14	0.5	47	25	20	121	6.16	0.92	17	20	1.12	1145	3	0.11	24	0.16	4	67	0.16	196	139	10	
148	10000E-9950N	0.6	4.89	30	198	1.0	6	0.36	0.6	47	36	23	233	11.25	0.94	18	16	0.40	1689	3	0.06	27	0.21	2	77	0.12	224	211	6	
149	10150	0.4	4.34	32	373	1.2	3	0.17	0.6	78	41	18	254	10.09	0.89	33	12	0.43	2781	3	0.09	22	0.31	7	42	0.12	260	186	6	
152	10175	0.2	4.21	39	259	1.4	9	0.04	1.2	82	84	16	505	12.06	0.74	27	14	0.34	5742	8	0.07	31	0.30	11	31	0.10	278	224	20	
153	10200	0.2	4.29	14	332	1.1	2	0.11	0.3	59	29	15	166	7.51	0.81	25	14	0.30	2002	4	0.10	17	0.23	6	64	0.12	218	130	16	
154	10000E-10225N	0.2	4.30	14	275	1.2	2	0.06	0.2	48	9	19	48	6.40	0.79	22	11	0.28	600	3	0.10	11	0.16	6	31	0.13	174	82	28	

T.T. No.	SAMPLE No.		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	Sb ppm	9012-001 Pg. 5 of 13
155	10000E-10250N		0.2	4.11	16	336	0.9	2	0.09	0.2	45	10	15	62	6.29	0.93	22	12	0.31	633	3	0.12	12	0.17	6	44	0.12	166	94	14	
156	10000E-10270N		0.2	3.60	16	327	0.5	3	0.05	0.5	67	13	5	96	9.29	0.94	30	16	0.13	587	3	0.09	11	0.24	2	51	0.04	176	118	44	
157	10050E-9950N	*	0.2	5.60	2	235	1.1	2	1.40	0.4	47	18	6	105	4.24	1.44	18	23	0.99	851	1	0.05	13	0.12	2	100	0.14	157	91	2	
158	9975	*	0.2	6.44	4	217	1.0	3	1.60	0.6	48	25	9	117	5.16	1.19	15	21	0.89	1460	2	0.06	16	0.12	3	128	0.16	203	166	4	
159	10050E-10000N		0.2	4.53	25	157	0.9	2	0.16	0.4	37	25	12	113	6.71	0.94	16	19	0.44	1024	2	0.06	18	0.13	6	79	0.12	188	131	6	
160	10050E-10125N		0.2	4.30	21	286	0.6	2	0.11	0.2	36	18	9	102	6.17	1.03	16	13	0.24	963	2	0.06	10	0.14	4	36	0.07	216	105	10	
161	10050E-10250N		0.2	0.93	2	242	0.4	2	0.01	0.2	10	2	18	16	3.69	1.93	6	4	0.26	47	1	0.08	4	0.05	2	19	0.10	255	21	24	
162	10100E-9875N		0.4	1.52	19	89	0.9	2	2.08	1.0	41	18	80	88	4.19	0.11	16	15	1.13	789	6	0.11	54	0.16	7	30	0.33	188	126	1	
163	9900	*	0.2	1.55	15	72	0.6	2	2.14	0.6	38	20	46	79	4.16	0.09	14	17	1.43	841	4	0.11	53	0.13	6	32	0.34	187	109	2	
164	10100E-9925N	*	0.8	6.25	7	391	1.3	2	2.14	1.5	48	20	32	92	4.39	1.61	18	22	1.03	722	9	0.07	39	0.20	4	97	0.17	270	189	8	
165	10050E-10150N		0.2	4.40	31	316	0.7	2	0.20	0.2	44	17	13	94	6.53	1.16	19	15	0.33	1366	2	0.08	11	0.18	2	32	0.10	206	94	10	
166	10175		0.6	4.84	24	260	0.7	2	0.10	0.2	37	17	13	97	6.75	1.24	16	14	0.40	866	3	0.09	12	0.17	3	34	0.11	221	107	14	
167	10200		0.6	4.30	30	502	0.8	2	0.05	0.2	72	9	11	68	7.53	0.92	36	10	0.26	465	4	0.10	7	0.19	8	61	0.09	262	74	16	
168	10050E-10225N		0.4	5.58	24	510	0.8	2	0.05	0.2	29	7	19	37	6.06	1.60	16	8	0.31	360	2	0.09	8	0.11	2	27	0.09	240	59	32	
169	10100E-9950N	*	0.2	5.61	2	341	1.2	2	0.92	0.2	49	15	8	104	4.13	1.71	19	16	1.01	604	1	0.04	16	0.12	2	124	0.17	138	90	1	
170	10100E-9975N		0.2	4.58	56	613	0.5	2	0.15	0.2	28	9	13	88	7.87	1.32	13	10	0.36	321	1	0.09	9	0.13	2	85	0.11	257	89	14	
171	10160		0.2	3.73	49	373	0.4	2	0.01	0.2	33	3	6	31	4.69	0.90	19	8	0.17	79	2	0.07	2	0.10	6	36	0.08	226	46	22	
172	10200		0.2	3.98	29	195	0.5	2	0.06	0.2	30	8	8	66	5.95	1.03	16	10	0.18	188	2	0.08	5	0.13	2	27	0.06	194	74	26	
173	10210		0.2	4.21	29	206	0.6	2	0.10	0.2	33	10	7	76	6.23	1.16	16	11	0.21	316	2	0.07	6	0.13	4	30	0.08	193	66	16	
174	10100E-10220N		0.2	3.60	23	140	0.5	2	0.03	0.2	27	6	8	59	5.30	0.96	15	8	0.15	166	1	0.08	6	0.12	2	26	0.09	168	56	10	
175	10100E-10230N		0.2	3.14	20	239	0.6	2	0.06	0.2	37	6	6	46	4.53	0.91	19	9	0.15	272	2	0.09	5	0.10	5	37	0.09	173	58	14	
176	10240		0.2	3.49	19	705	0.5	2	0.08	0.2	29	12	13	56	4.60	1.01	14	7	0.24	887	2	0.07	7	0.09	4	32	0.09	176	72	20	
177	10250		0.2	3.53	19	312	0.6	2	0.09	0.2	30	8	12	41	4.17	1.03	16	7	0.23	339	2	0.08	6	0.08	2	30	0.08	173	58	28	
178	10260		0.2	4.08	27	309	0.5	2	0.06	0.2	29	9	13	43	4.45	1.19	14	7	0.25	408	2	0.08	6	0.08	5	29	0.07	196	57	46	
179	10100E-10270N	*	0.2	3.38	28	222	0.4	2	0.03	0.2	25	4	11	28	4.35	0.99	13	7	0.16	195	2	0.06	4	0.06	11	27	0.05	165	33	66	
180	10100E-10280N		0.2	4.66	22	595	0.3	2	0.02	0.2	27	3	10	20	3.48	1.36	16	24	0.17	90	1	0.10	2	0.05	7	32	0.05	240	25	80	
181	10150E-10250N		0.4	5.44	48	161	0.7	2	0.04	0.2	33	16	12	86	6.71	1.52	18	17	0.25	309	3	0.06	11	0.18	2	31	0.06	234	94	88	
182	10275		0.4	4.29	28	185	0.9	2	0.08	0.2	36	14	10	73	6.39	1.12	19	9	0.21	474	3	0.06	10	0.13	2	24	0.08	176	155	16	
183	10300		0.4	4.22	16	290	0.6	2	0.14	0.2	34	10	6	35	4.29	1.26	15	8	0.21	408	2	0.07	7	0.07	2	36	0.06	187	87	110	
184	10150E-10325N		0.2	4.85	23	440	0.6	2	0.12	0.2	51	24	11	97	6.74	1.48	21	8	0.23	874	2	0.12	11	0.18	2	94	0.16	239	110	14	
185	10200E-10330N	*	0.4	4.01	6	256	1.2	2	0.43	0.2	80	34	19	193	7.00	0.78	28	22	0.96	3342	2	0.09	21	0.14	4	27	0.15	204	192	1	
186	10340		0.4	5.06	22	346	1.9	4	0.30	0.2	71	28	16	152	8.81	1.03	37	18	0.44	1883	3	0.09	19	0.18	6	31	0.12	200	181	12	
187	10350		0.2	4.43	21	461	1.3	3	0.22	0.2	80	43	10	209	9.87	1.12	31	11	0.56	4135	3	0.05	23	0.21	4	21	0.12	217	198	4	
188	10360		0.2	4.69	21	384	0.8	2	0.14	0.2	54	30	7	109	7.60	1.26	20	10	0.26	2079	2	0.05	16	0.15	2	20	0.09	186	116	18	
189	10200E-10370N		0.2	4.99	42	203	1.1	3	0.08	0.2	49	23	12	191	10.77	1.22	19	12	0.28	1053	2	0.04	16	0.23	2	17	0.08	174	175	2	
190	10250E-10325N		0.8	4.21	5	335	1.8	2	0.49	0.2	77	32	18	181	7.08	0.86	33	23	0.99	3532	3	0.09	20	0.12	2	30	0.14	197	174	1	
191	10350		0.4	4.76	30	396	1.6	2	0.14	0.2	68	13	15	47	5.75	0.91	25	14	0.48	988	3	0.10	13	0.21	2	28	0.24	124	105	4	
192	10375		0.4	6.61	46	611	0.7	2	0.10	0.2	45	6	8	32	4.80	1.80	23	20	0.30	335	2	0.07	9	0.17	2	47	0.13	146	81	18	
193	10440		0.2	4.79	8	339	0.8	2	0.20	0.2	40	11	13	42	4.03	1.37	18	9	0.46	660	2	0.12	11	0.10	4	61	0.16	186	62	6	
194	10250E-10470N		0.6	3.30	14	236	2.1	2	0.26	0.2	72	17	36	82	5.62	0.47	31	16	0.67	1445	2	0.09	27	0.12	6	28	0.19	127	140	4	

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 6 of 13
195	10300E-10330N	0.4	3.82	12	265	2.3	2	0.24	0.2	99	14	17	85	5.09	0.68	42	18	0.49	1396	3	0.12	18	0.13	4	23	0.12	97	139	1	
196	10340	0.2	4.33	9	337	1.1	2	0.34	0.4	84	25	24	79	4.54	0.88	30	18	0.78	2522	3	0.08	22	0.16	7	36	0.20	141	127	1	
197	10350	0.2	4.55	7	375	1.2	2	0.39	0.3	86	27	26	74	4.09	0.95	31	19	0.90	2399	3	0.08	23	0.15	6	45	0.19	151	136	4	
198	10360	0.2	4.59	19	382	1.4	2	0.23	0.2	80	38	22	91	7.18	0.87	26	18	0.65	2922	3	0.07	24	0.21	9	35	0.17	140	158	2	
199	10300E-10380N	0.4	6.08	4	179	0.7	2	0.09	0.2	25	6	4	29	2.88	1.91	12	4	0.39	288	1	0.04	6	0.09	2	24	0.10	89	44	12	
201	10300E-10390N	0.2	6.61	18	316	1.0	2	0.11	0.2	39	13	10	34	2.96	1.61	21	12	0.40	447	2	0.04	10	0.09	4	28	0.08	123	60	14	
202	10400	0.2	5.20	9	313	1.1	2	0.16	0.2	48	13	15	46	4.46	1.46	21	14	0.46	548	2	0.06	12	0.15	4	33	0.16	130	94	12	
203	10440	0.2	5.11	7	351	1.0	2	0.24	0.2	41	16	17	63	5.07	1.29	18	12	0.57	987	2	0.07	14	0.19	3	59	0.14	205	118	8	
204	10460	0.2	4.28	2	311	0.9	2	0.09	0.2	29	11	7	63	6.16	1.31	13	5	0.29	667	2	0.07	6	0.16	3	38	0.09	212	97	12	
205	10300E-10480N	0.4	4.98	12	348	1.3	2	0.17	0.2	60	25	16	112	8.12	1.04	28	14	0.63	2457	3	0.06	17	0.27	6	44	0.14	187	156	8	
206	10300E-10490N	0.4	4.60	8	326	1.4	2	0.39	0.2	85	23	34	109	6.29	0.89	29	21	1.05	1812	4	0.09	25	0.17	12	45	0.21	186	150	1	
207	10510	0.2	3.98	10	244	1.8	2	0.27	0.2	67	30	27	112	6.11	0.44	22	21	0.87	3116	4	0.10	23	0.21	6	29	0.27	168	166	2	
208	10520	0.2	3.44	11	138	2.1	2	0.15	0.2	85	15	23	46	5.38	0.30	26	14	0.44	1385	3	0.09	17	0.15	7	16	0.28	110	142	2	
209	10530	0.4	3.95	15	221	3.3	2	0.16	0.2	128	16	25	73	6.42	0.39	44	20	0.52	1573	3	0.13	26	0.13	9	16	0.14	101	176	2	
210	10300E-10540N	0.2	3.73	12	186	3.4	2	0.14	0.2	107	17	23	62	5.05	0.30	36	20	0.46	1915	3	0.12	26	0.14	9	13	0.12	92	176	1	
211	10300E-10550N	0.2	3.61	11	203	2.2	2	0.08	0.2	95	20	26	61	5.87	0.35	26	19	0.59	1705	3	0.08	37	0.14	7	14	0.13	124	164	1	
212	10350E-10325N	0.6	3.70	4	268	1.5	2	0.53	0.3	79	19	26	130	4.90	0.62	33	20	0.94	1650	2	0.11	24	0.12	4	35	0.26	163	142	1	
213	10350	0.2	2.75	6	130	1.6	2	0.32	0.3	72	14	17	58	4.42	0.35	29	11	0.62	1316	2	0.19	15	0.15	2	21	0.35	93	109	1	
214	10360E-10380N	0.2	4.23	12	247	2.3	2	0.30	0.3	103	27	20	108	7.07	0.77	41	19	0.70	2247	4	0.10	25	0.16	2	26	0.19	123	210	1	
215	10400E-10300N	0.4	3.74	14	201	2.0	2	0.29	0.2	80	14	24	71	5.27	0.50	34	18	0.45	1103	4	0.13	18	0.17	2	23	0.20	117	138	6	
216	10400E-10310N	0.2	3.79	13	197	1.9	2	0.27	0.2	67	15	27	71	5.75	0.46	29	16	0.51	1595	3	0.11	18	0.22	6	26	0.24	139	146	1	
217	10320	0.2	3.66	14	209	2.0	2	0.28	0.2	77	18	27	78	5.76	0.47	33	16	0.55	1493	3	0.11	22	0.17	2	24	0.25	131	139	1	
218	10330	0.6	4.58	10	370	1.8	2	0.49	0.3	79	21	35	119	4.83	0.99	33	19	0.97	2116	2	0.10	26	0.14	12	49	0.20	162	144	1	
219	10340	0.4	4.06	15	259	1.6	2	0.48	0.2	70	21	30	86	6.09	0.69	31	19	0.78	1360	2	0.12	25	0.16	3	38	0.30	158	142	2	
220	10400E-10350N	0.2	4.02	15	211	1.7	2	0.33	0.2	76	23	33	97	6.26	0.69	29	18	0.76	1622	2	0.08	25	0.17	2	28	0.22	159	151	4	
221	10400E-10360N	0.4	3.90	11	256	1.7	2	0.38	0.4	83	25	20	122	6.38	0.57	34	19	0.78	2120	3	0.06	25	0.14	4	28	0.21	153	173	11	
222	10450E-10300N	0.2	3.45	2	168	2.0	2	0.29	0.2	81	17	23	76	4.79	0.42	33	16	0.55	1428	3	0.12	19	0.16	4	28	0.32	119	150	1	
223	10325	0.4	4.19	14	335	1.5	2	0.23	0.2	67	28	22	83	6.00	0.79	25	17	0.71	1676	4	0.09	23	0.16	5	31	0.24	159	151	1	
224	10460E-10340N	0.2	4.89	9	297	1.5	2	0.12	0.2	70	33	10	110	7.16	1.09	23	13	0.55	3096	2	0.06	20	0.17	2	20	0.15	186	125	1	
225	10500E-10270N	0.2	3.34	9	171	0.9	2	0.64	0.3	44	22	29	100	6.62	0.57	17	18	0.96	1480	1	0.08	34	0.13	2	39	0.19	167	129	1	
226	10500E-10280N	0.4	3.43	13	204	1.0	2	0.51	0.4	49	25	24	116	6.95	0.63	20	16	0.78	1671	2	0.05	29	0.14	2	44	0.15	162	139	1	
227	10290	0.2	3.49	6	155	1.1	2	0.39	0.5	48	23	16	106	5.55	0.66	18	17	0.65	1679	2	0.04	21	0.12	2	48	0.12	156	141	1	
228	10300	0.2	4.14	7	168	1.2	2	0.48	0.3	53	27	23	106	6.04	0.76	22	19	0.71	1525	2	0.05	26	0.13	3	64	0.14	179	151	1	
229	10310	0.6	4.41	8	280	1.3	2	0.36	0.2	84	20	38	68	4.38	0.94	26	19	0.89	984	3	0.08	25	0.13	10	42	0.19	159	137	1	
230	10500E-10320N	0.2	4.17	6	179	1.5	2	0.27	0.2	84	23	26	84	5.59	0.60	23	19	0.62	2356	3	0.06	17	0.20	3	33	0.19	142	137	1	
231	10500E-10330N	0.4	3.63	2	174	1.5	2	0.17	0.2	72	21	16	64	5.75	0.51	28	14	0.52	2199	2	0.07	15	0.18	2	20	0.25	119	143	1	
232	10340	0.4	4.61	9	345	1.5	3	0.26	0.4	96	33	11	114	8.90	1.11	39	13	0.62	5080	3	0.06	19	0.16	6	21	0.13	166	179	1	
233	10500E-10350N	0.4	4.79	6	1510	1.6	2	0.23	0.2	87	35	5	116	6.57	1.14	32	17	0.57	3741	2	0.06	16	0.15	3	27	0.11	141	161	1	
234	106776	0.2	3.55	6	247	1.6	2	1.53	0.4	60	25	63	59	6.34	1.17	19	15	2.47	961	2	0.05	120	0.17	6	40	0.41	172	114	1	
235	106777	0.4	4.03	19	323	1.2	2	0.70	2.3	42	14	31	65	4.08	1.05	19	17	1.03	703	7	0.06	76	0.11	12	19	0.19	191	272	4	

T.T. No.	SAMPLE No.	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	Sb ppm
236	106778	0.4	2.96	16	197	1.4	2	1.06	1.0	47	18	71	61	4.15	0.71	19	17	1.54	846	4	0.05	66	0.14	7	38	0.29	181	127	1
237	106779	0.4	3.66	39	256	1.2	2	0.98	1.5	41	15	49	57	4.17	0.79	17	18	1.32	734	5	0.09	74	0.11	11	27	0.18	162	196	6
238	106780	0.2	2.96	14	180	1.4	2	1.23	0.9	50	21	72	67	4.67	0.69	20	19	1.93	940	4	0.05	98	0.16	12	35	0.37	180	134	6
239	106781	0.4	4.09	15	309	1.1	2	0.61	1.1	99	17	48	63	3.98	1.25	17	16	1.14	828	4	0.05	71	0.10	15	29	0.13	137	169	4
240	106782	0.4	4.11	12	245	1.1	2	1.12	0.7	46	20	46	69	5.02	0.86	18	25	1.64	1341	2	0.07	60	0.12	20	46	0.28	180	167	1
241	106783	0.2	2.94	20	228	1.1	2	1.39	0.9	45	16	64	65	3.98	0.70	16	16	1.39	721	4	0.10	70	0.13	10	35	0.27	147	135	1
2	106784	0.2	3.06	26	209	0.9	2	0.82	1.0	45	15	45	46	3.83	0.67	16	20	1.26	811	2	0.09	59	0.11	4	30	0.23	137	133	4
3	106785	0.2	3.27	23	231	1.0	2	0.90	1.0	49	17	32	49	4.43	0.66	17	22	1.30	971	2	0.14	46	0.13	7	98	0.26	146	150	2
4	106786	0.4	3.30	25	228	1.1	2	0.66	1.2	49	18	47	57	4.20	0.78	18	19	1.29	896	3	0.10	66	0.13	9	31	0.25	153	168	2
5	106788	0.2	3.97	28	326	1.1	2	0.71	1.6	60	18	25	69	4.67	1.04	19	22	1.18	1013	2	0.07	39	0.12	23	37	0.21	149	172	4
6	106789	0.2	3.42	27	269	1.0	2	0.97	1.1	46	15	36	57	4.17	0.82	16	20	1.20	792	3	0.10	49	0.11	24	34	0.22	150	166	2
7	106787	0.4	3.29	20	228	1.1	2	0.85	1.1	47	16	39	56	4.14	0.80	17	19	1.21	860	3	0.10	52	0.12	10	32	0.25	152	161	2
8	106790	0.6	4.54	22	316	1.5	2	0.68	1.7	56	20	66	81	4.78	1.27	24	17	0.89	1036	12	0.04	51	0.18	8	42	0.16	229	214	2
9	106791 ¤	0.6	4.20	18	280	1.6	2	1.15	2.4	57	21	37	63	4.08	1.40	23	10	0.59	1438	11	0.03	29	0.21	7	38	0.14	223	242	2
10	106792	1.0	5.10	16	288	1.4	2	0.23	1.2	53	27	55	123	5.94	1.05	22	19	0.74	1708	7	0.03	43	0.23	2	24	0.10	281	212	6
11	106793	1.2	4.92	17	269	1.4	2	0.45	1.5	48	21	48	121	4.60	1.59	24	14	0.66	1014	13	0.04	67	0.12	4	33	0.12	264	278	2
12	106794 ¤	2.8	3.74	25	261	1.7	2	0.76	5.6	42	16	37	78	3.66	1.12	17	9	0.60	935	27	0.03	43	0.22	4	38	0.10	448	368	6
13	106795 ¤	1.6	3.61	12	257	0.8	2	0.24	0.9	23	12	36	46	3.61	0.64	11	8	0.46	812	12	0.06	20	0.23	2	28	0.16	262	157	6
14	106796 ¤	6.4	3.95	14	275	1.0	2	0.39	3.5	48	33	42	116	5.13	0.56	21	27	1.21	3091	7	0.06	43	0.28	2	29	0.14	299	233	2
15	106797	3.0	3.63	20	249	1.3	2	1.77	3.0	48	19	111	133	4.26	1.16	17	16	1.00	696	13	0.07	79	0.35	6	70	0.14	248	343	4
16	106798 ¤	0.2	3.83	10	208	0.9	2	1.16	0.9	42	13	24	65	3.59	0.84	16	24	0.96	911	3	0.04	19	0.17	7	44	0.16	149	135	2
17	106799	0.2	3.91	6	184	0.7	2	0.90	0.4	41	16	24	64	3.80	0.68	14	21	1.00	1158	3	0.04	20	0.14	3	27	0.16	141	122	6
18	106800	0.2	2.10	10	258	0.6	5	1.21	1.3	69	26	12	71	6.08	0.16	33	16	0.87	3732	4	0.06	13	0.20	5	24	0.27	127	195	4
19	106801 ¤	0.2	2.60	9	83	0.6	2	0.31	0.3	28	13	24	64	4.16	0.38	11	16	0.94	1077	3	0.04	18	0.17	2	13	0.19	126	106	1
20	106802 ¤	0.2	1.21	7	72	0.3	2	0.39	0.4	18	4	18	35	1.82	0.26	6	3	0.19	230	2	0.02	8	0.15	3	18	0.07	55	91	1
21	106803	0.2	4.08	16	79	1.0	2	0.32	0.2	38	20	28	73	5.39	0.39	18	33	1.41	1469	2	0.06	27	0.15	2	17	0.22	180	127	4
22	106804 ¤	0.4	0.89	5	144	0.2	2	0.34	0.2	18	2	9	35	0.69	0.26	7	2	0.12	146	1	0.02	7	0.10	2	15	0.06	36	70	2
23	106805 ¤	0.4	0.85	3	40	0.2	2	0.08	0.2	9	2	9	21	0.97	0.29	4	1	0.10	68	1	0.02	3	0.09	2	5	0.06	38	31	2
24	106806 ¤	0.4	1.26	7	100	0.3	2	0.19	0.2	14	3	16	39	1.66	0.40	6	2	0.11	102	2	0.04	6	0.11	2	10	0.17	83	46	4
25	106807	0.2	4.27	9	96	0.6	3	0.26	0.2	33	20	23	64	5.67	0.86	13	22	1.27	1538	3	0.05	23	0.32	2	11	0.16	171	128	1
26	106808	0.4	4.78	17	278	1.1	2	0.45	0.7	44	20	21	67	4.70	1.23	18	24	1.33	1340	9	0.06	22	0.22	3	19	0.16	212	166	1
27	106828 *	0.4	5.05	25	151	1.1	3	0.35	0.3	49	19	16	55	5.64	1.13	24	23	0.66	975	4	0.14	47	0.14	5	71	0.17	161	179	2
28	106829	0.8	6.39	58	124	1.2	2	0.02	0.2	42	6	12	21	4.71	1.80	31	21	0.37	336	2	0.03	38	0.10	16	57	0.15	170	131	12
29	106830	0.8	5.84	63	93	0.9	2	0.02	0.2	37	7	17	26	6.22	1.52	26	16	0.34	302	4	0.03	34	0.10	16	53	0.12	158	106	10
30	106831	0.8	7.33	30	173	0.9	2	0.01	0.2	43	3	15	14	3.95	1.96	33	12	0.48	144	5	0.06	17	0.09	15	87	0.16	195	41	12
31	106834	0.4	4.98	15	306	1.1	3	0.14	0.2	47	32	11	138	7.96	1.15	21	20	0.30	1420	3	0.09	13	0.16	7	78	0.14	296	139	2
32	106835	0.2	6.86	4	627	1.1	2	0.23	0.2	97	30	7	170	6.09	1.92	15	13	0.29	1518	1	0.06	14	0.13	2	59	0.15	300	98	4
33	106836	0.2	6.78	2	452	0.7	2	0.22	0.2	48	17	6	87	6.10	1.71	20	21	0.23	573	1	0.09	7	0.14	2	120	0.18	252	95	1
34	106837	0.2	6.20	2	200	1.4	2	0.20	0.2	42	37	6	182	7.96	1.55	17	16	0.45	2460	1	0.04	15	0.13	5	33	0.14	285	183	1
35	106838	0.2	6.38	12	282	2.1	2	0.13	0.3	65	60	8	426	11.84	1.57	22	12	0.19	1888	1	0.04	33	0.27	6	189	0.11	350	215	1

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 8 of 13
36	106839	0.4	5.56	2	367	1.4	4	0.25	0.2	66	41	12	240	6.94	1.12	23	28	0.98	3036	2	0.08	16	0.20	9	40	0.14	334	140	2	
37	106841	0.2	6.60	2	363	1.2	2	0.22	0.2	41	40	8	203	6.94	1.93	16	15	0.49	1608	1	0.05	16	0.12	4	49	0.17	310	126	1	
38	106842	0.2	7.17	2	245	1.3	5	0.29	0.2	32	34	6	194	6.69	2.18	13	9	0.80	1527	1	0.04	16	0.10	2	20	0.18	334	118	1	
39	106844	0.4	7.04	2	302	1.3	3	0.37	0.2	36	43	8	216	6.68	1.99	13	18	0.70	2304	1	0.04	16	0.10	2	18	0.17	306	129	1	
40	106845	0.2	6.64	5	384	0.7	2	0.02	0.2	39	11	6	63	5.72	1.60	16	18	0.38	379	1	0.06	8	0.20	3	39	0.17	376	58	2	
41	106846	0.2	7.29	21	251	0.9	2	0.03	0.2	40	11	8	87	4.30	1.38	20	24	0.23	366	1	0.05	9	0.27	7	49	0.18	346	62	2	
42	106847	0.4	5.23	12	258	0.6	2	0.03	0.2	44	10	5	80	4.90	0.85	21	22	0.15	449	1	0.11	6	0.09	3	99	0.15	233	49	6	
43	106848	0.2	4.14	6	262	1.0	5	0.15	0.2	43	26	14	173	8.05	0.71	16	20	0.56	1036	2	0.06	18	0.14	2	36	0.14	231	153	1	
44	106849	0.2	4.97	13	129	0.5	2	0.02	0.2	36	16	6	66	4.49	0.96	17	18	0.16	731	1	0.05	6	0.09	3	49	0.14	263	80	4	
45	106850	0.4	4.98	8	120	0.7	2	0.02	0.2	47	32	6	114	6.27	1.07	21	18	0.18	1417	1	0.05	10	0.13	2	40	0.12	286	100	4	
46	128776	0.2	2.65	9	277	0.8	2	0.45	0.9	36	28	41	76	5.04	0.60	12	9	0.36	2344	3	0.04	16	0.29	3	24	0.11	166	139	4	
47	128777	0.2	5.48	8	585	1.0	3	0.79	0.4	41	21	16	87	4.81	1.38	14	29	1.26	1166	1	0.05	24	0.11	2	43	0.12	176	127	6	
48	128778	0.2	4.07	6	614	1.0	2	1.14	0.6	46	28	44	102	5.03	1.14	17	17	0.52	1748	1	0.04	36	0.15	4	80	0.12	173	123	2	
49	128779	0.2	4.66	11	461	1.1	2	0.47	1.1	39	19	26	66	4.03	1.26	17	25	1.17	1351	2	0.04	38	0.11	10	26	0.11	163	159	1	
51	128780	1.4	5.06	17	266	1.5	2	0.61	2.4	46	22	37	92	4.12	1.32	26	15	0.43	926	26	0.03	69	0.20	16	36	0.16	280	361	8	
52	128781	0.2	2.79	10	477	0.9	2	1.08	0.3	47	27	19	151	6.41	0.72	17	12	0.61	2047	2	0.04	19	0.15	5	23	0.10	209	171	1	
53	128782	0.2	3.36	19	632	1.1	5	0.45	0.2	45	39	21	214	8.65	0.39	20	31	1.76	2656	3	0.06	28	0.14	2	18	0.11	273	174	1	
54	128783	0.4	3.18	12	566	1.3	6	0.38	0.3	46	49	16	234	9.95	0.55	18	21	0.86	3446	3	0.06	23	0.14	8	29	0.12	297	197	1	
55	128784	0.2	3.99	11	593	1.2	2	0.30	0.2	47	36	14	173	8.39	0.95	19	20	0.86	2501	2	0.05	19	0.13	5	27	0.13	276	175	1	
56	128785 ¤	0.2	2.57	10	611	0.8	2	0.80	0.4	42	28	24	70	5.21	0.61	14	11	0.46	2797	3	0.06	12	0.27	13	26	0.10	166	144	1	
57	128786	0.2	3.03	10	261	0.9	2	0.46	0.2	44	21	20	83	6.13	0.41	17	21	0.76	2089	3	0.07	14	0.27	8	19	0.13	173	122	1	
58	128787	0.2	4.54	7	516	1.0	2	0.21	0.4	32	16	26	48	3.74	1.19	14	22	1.02	801	3	0.04	26	0.11	11	18	0.12	161	151	1	
59	128788	0.2	4.66	3	547	1.1	2	0.37	0.5	39	14	24	42	3.73	1.27	16	24	1.04	818	2	0.04	33	0.11	7	19	0.12	138	136	2	
60	128789	0.2	4.86	3	723	1.2	2	0.37	0.4	39	15	23	45	3.87	1.37	17	24	1.06	1050	2	0.04	31	0.11	8	20	0.12	144	135	4	
61	128790	0.2	4.19	9	1097	1.4	2	0.58	0.6	67	20	20	62	3.92	1.00	27	26	0.93	1344	3	0.05	24	0.18	13	38	0.16	148	134	2	
62	128791	0.2	4.72	17	451	1.2	5	0.49	0.3	43	35	14	150	7.29	0.94	18	39	2.22	1888	3	0.06	26	0.14	7	27	0.14	248	150	1	
63	128792	0.2	3.95	30	219	1.5	2	0.32	0.3	66	60	28	196	8.23	0.38	29	25	0.83	3653	3	0.05	21	0.24	6	19	0.12	242	188	4	
64	128793	0.2	3.66	22	218	1.3	5	0.62	0.4	73	43	23	205	7.44	0.27	33	27	1.13	3200	3	0.07	25	0.20	8	23	0.14	241	182	1	
65	128794	0.2	3.65	26	209	1.3	6	0.41	0.6	61	52	13	240	6.73	0.33	24	27	2.03	3660	3	0.06	23	0.16	12	22	0.14	277	183	1	
66	128795	0.2	3.91	14	352	1.3	4	0.35	0.7	71	48	16	224	8.65	0.25	26	26	1.77	4227	3	0.07	24	0.18	8	19	0.16	250	190	1	
67	128796	0.4	3.67	4	144	0.7	2	0.07	0.2	19	9	29	29	3.92	0.47	10	20	0.60	705	3	0.06	11	0.19	5	18	0.19	160	97	2	
68	128797 ¤	0.2	3.17	5	215	0.6	2	0.12	0.2	21	4	24	19	1.70	0.54	10	9	0.37	232	1	0.09	7	0.17	6	19	0.15	102	66	1	
69	128798	0.2	4.90	9	220	1.0	2	0.11	0.2	27	13	24	40	3.40	1.20	13	21	0.97	810	2	0.05	16	0.14	4	13	0.12	149	128	6	
70	128799	0.2	3.95	6	143	1.1	2	0.13	0.2	61	10	29	64	3.75	0.41	22	16	0.64	677	3	0.09	16	0.17	6	18	0.21	124	113	1	
71	128800	0.2	4.43	13	136	1.0	2	0.05	0.6	29	12	19	54	4.48	0.90	16	20	0.89	905	4	0.05	14	0.23	3	14	0.16	158	121	8	
72	128801	0.2	4.67	7	287	1.0	2	0.09	0.5	29	16	17	59	6.23	0.81	13	21	0.88	1456	3	0.05	12	0.27	3	15	0.15	168	154	1	
73	128802	0.2	4.70	3	196	0.8	2	0.07	0.3	24	14	16	49	3.77	1.05	13	18	0.95	1091	2	0.05	11	0.21	3	14	0.16	152	100	1	
74	128803	0.2	3.83	6	340	0.9	2	0.15	0.9	21	10	25	34	3.37	1.11	11	13	0.70	666	3	0.04	19	0.21	6	18	0.14	132	139	6	
75	128804	0.2	4.93	17	536	1.2	2	0.61	0.8	44	22	13	72	4.66	1.91	17	26	1.35	1662	6	0.04	18	0.23	4	21	0.16	187	137	1	
76	128805	0.2	5.28	6	480	0.8	2	0.15	0.6	23	23	16	65	6.27	0.94	10	31	0.94	1644	2	0.05	16	0.33	2	21	0.16	222	116	4	

T.T. No.	SAMPLE No.		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	Sb ppm	9012-001 Pg. 9 of 13
77	128806		0.4	4.90	3	384	1.2	3	0.33	0.3	87	21	12	78	5.39	1.26	14	14	0.75	1713	1	0.06	11	0.34	2	23	0.16	154	131	6	
78	128807		0.4	5.70	9	514	1.3	2	0.13	0.9	41	24	19	87	5.11	1.31	17	28	1.19	1810	4	0.04	17	0.32	2	16	0.16	201	155	1	
79	128808		0.2	3.48	8	548	0.9	3	0.52	0.9	61	31	29	66	7.06	0.66	18	12	0.35	6207	4	0.06	16	0.39	7	29	0.12	211	176	1	
80	128809		0.2	3.07	10	459	1.2	5	0.61	1.1	48	34	27	187	8.07	0.53	19	21	0.98	3135	2	0.06	22	0.14	4	32	0.11	263	169	8	
81	128810		0.2	3.64	23	482	1.3	2	0.54	0.3	60	39	28	229	8.34	0.65	28	24	1.08	2937	4	0.05	25	0.16	7	24	0.10	267	172	2	
82	128811		0.2	2.87	14	399	1.0	2	0.67	0.3	53	36	20	183	8.00	0.62	20	13	0.58	3216	2	0.04	19	0.17	2	16	0.09	239	169	1	
83	9600E-9975N	RX/TALUS	0.2	1.79	8	955	0.6	2	0.32	0.3	29	18	26	105	4.64	0.07	12	18	1.23	688	1	0.18	17	0.09	2	27	0.12	152	87	1	
84	10300E-10370N	RX/TALUS	0.2	4.29	14	208	0.7	2	0.16	0.2	41	12	7	72	4.49	0.99	22	20	0.59	645	1	0.09	9	0.13	2	17	0.11	87	107	4	
85	10460	RX/TALUS	0.2	2.95	3	144	0.6	2	0.40	0.2	43	16	6	91	5.63	0.44	17	28	1.33	1371	1	0.14	8	0.14	2	18	0.13	147	118	1	
86	10300E-10470N	RX/TALUS	0.2	2.58	2	195	0.5	2	0.41	0.2	39	16	11	80	4.90	0.47	16	21	1.07	1076	1	0.13	6	0.13	2	17	0.13	136	86	1	
87	10300E-10500N	RX/TALUS	0.2	2.25	4	124	0.7	2	0.49	0.2	39	17	9	115	5.63	0.19	15	29	1.73	1059	1	0.18	8	0.12	2	12	0.24	171	105	1	
88	104392		0.2	3.25	15	197	1.3	2	1.45	0.7	46	39	103	70	4.71	0.41	17	32	5.39	1039	1	0.04	401	0.11	4	40	0.26	118	87	6	
89	104393		0.2	3.28	11	193	0.8	2	1.80	0.9	37	46	134	77	4.21	0.12	12	39	6.00	836	1	0.03	604	0.08	2	117	0.14	76	74	2	
90	104394		0.2	3.67	6	212	1.4	2	0.82	0.7	51	21	104	74	4.66	0.81	20	23	1.86	995	2	0.04	96	0.11	6	24	0.47	167	103	2	
91	104395		0.2	4.14	15	227	1.3	2	1.63	0.8	49	47	105	81	5.09	0.45	21	43	7.03	1133	1	0.03	527	0.13	2	47	0.27	123	90	4	
92	104396		0.2	3.68	8	272	1.3	2	0.93	0.6	60	17	39	81	4.66	1.21	20	13	1.07	805	1	0.04	46	0.16	4	18	0.49	181	103	1	
93	104397		0.2	4.92	4	288	1.9	2	0.93	0.2	69	22	10	64	5.69	1.77	24	17	1.42	1243	1	0.04	15	0.20	2	24	0.60	188	99	2	
94	104398		0.2	4.54	6	320	1.9	2	1.19	0.4	59	25	15	79	5.20	1.66	23	26	1.68	1419	1	0.05	22	0.23	3	20	0.67	220	96	2	
95	104399		0.2	4.27	12	249	1.8	2	1.07	0.5	56	24	13	70	5.89	1.51	21	22	1.66	1246	1	0.04	23	0.20	2	25	0.66	198	106	1	
96	104400		0.2	4.19	4	234	1.6	2	0.85	0.2	61	23	29	59	5.41	1.35	20	20	1.77	990	1	0.04	59	0.15	3	28	0.49	182	104	1	
97	104401		0.2	3.60	11	187	1.1	2	1.79	0.9	45	42	84	75	4.72	0.44	16	21	6.39	911	1	0.03	459	0.11	2	84	0.25	101	87	1	
98	104402		0.2	3.74	13	202	1.6	2	0.84	0.8	61	20	52	64	4.25	0.96	21	14	1.23	912	3	0.04	66	0.14	10	29	0.37	177	160	6	
99	104403		0.4	3.12	78	133	1.3	2	0.89	0.8	45	31	188	57	4.79	0.39	21	17	1.58	1083	3	0.06	167	0.12	10	22	0.33	152	184	8	
101	104404		0.2	2.59	74	100	1.5	2	0.67	0.5	49	32	171	55	4.08	0.40	24	17	1.20	1013	4	0.06	185	0.12	23	18	0.36	137	159	12	
102	104405		0.2	3.71	23	235	1.2	2	1.04	0.6	48	47	122	129	5.03	0.17	15	42	4.42	1980	1	0.06	258	0.12	6	28	0.36	188	132	2	
103	104406		0.2	2.79	18	183	0.9	2	1.08	0.9	45	26	83	83	4.96	0.26	16	26	2.29	1140	3	0.07	141	0.14	7	24	0.35	188	137	1	
104	104407		0.4	2.84	15	128	0.9	2	1.25	0.9	40	22	62	78	4.41	0.33	14	24	2.04	797	3	0.07	122	0.14	9	31	0.33	180	142	1	
105	104408		0.2	2.67	15	89	0.9	2	1.24	0.9	44	21	67	82	4.85	0.22	16	23	1.62	1017	3	0.09	83	0.16	7	35	0.36	196	132	1	
106	104409		0.2	3.46	11	121	1.1	2	0.89	0.6	51	22	56	73	4.37	0.39	19	22	1.42	903	3	0.06	64	0.16	6	28	0.38	180	163	2	
107	104410		0.4	2.16	19	52	0.8	2	1.08	0.9	40	20	78	77	4.80	0.23	14	18	1.14	1057	4	0.07	75	0.16	3	20	0.32	200	139	1	
108	104411		0.2	3.11	19	58	1.2	2	0.82	0.4	53	18	33	54	4.85	0.24	18	16	1.09	1413	2	0.09	34	0.14	5	79	0.35	147	134	1	
109	104412		0.2	3.70	10	64	1.1	2	0.61	0.2	47	20	35	58	4.69	0.23	16	21	1.44	1423	2	0.10	42	0.14	3	32	0.39	144	124	2	
110	104413		0.2	4.12	7	90	1.6	2	0.52	0.2	61	18	20	44	4.85	0.18	22	18	1.21	1358	1	0.18	23	0.13	2	24	0.33	119	130	4	
111	104414		0.2	5.01	27	170	1.9	2	0.38	1.1	73	32	23	68	4.90	0.39	33	26	1.28	2328	8	0.29	30	0.20	20	90	0.28	155	181	2	
112	104415		0.2	3.32	10	82	1.6	2	0.29	0.2	65	14	16	43	4.34	0.22	25	15	0.81	1110	3	0.11	17	0.13	9	16	0.32	116	153	1	
113	104416		0.2	3.73	11	49	1.4	2	0.55	0.7	63	19	23	52	4.41	0.11	20	18	1.39	1157	1	0.10	31	0.11	17	21	0.36	110	203	1	
114	104417		0.2	3.78	13	74	1.6	2	0.21	0.6	69	12	16	36	6.77	0.22	24	15	0.69	864	3	0.09	14	0.12	21	22	0.26	107	203	2	
115	104418		0.2	3.41	5	30	1.3	2	0.23	0.2	65	13	12	27	4.19	0.09	18	8	0.48	805	2	0.08	10	0.10	2	10	0.42	93	86	2	
116	104419		0.2	4.04	16	77	1.4	2	0.31	0.2	64	15	14	43	4.15	0.20	20	19	0.99	1220	2	0.08	15	0.18	2	18	0.30	126	117	1	
117	104420		0.4	2.58	11	55	0.8	2	0.30	0.4	37	12	12	32	3.12	0.17	14	14	0.85	920	2	0.10	14	0.08	4	17	0.22	91	81	4	

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 10 of 13
118	104421	0.2	3.18	12	88	1.0	2	0.45	0.6	42	16	14	52	3.73	0.19	15	20	1.14	1207	2	0.11	16	0.09	5	23	0.26	109	106	1	
119	104422	0.2	2.48	12	88	0.8	2	0.37	0.4	35	12	13	44	3.11	0.19	12	17	0.99	907	2	0.09	14	0.07	5	22	0.22	99	96	1	
120	104423	0.2	1.94	7	34	0.5	2	0.30	0.4	24	9	5	29	2.04	0.07	8	12	0.71	776	1	0.06	6	0.05	2	10	0.15	65	49	1	
121	104424	0.4	5.22	22	147	1.3	2	0.78	1.4	65	23	18	94	4.96	0.39	21	31	1.77	1616	6	0.20	23	0.15	9	33	0.39	202	184	4	
122	104425	0.2	4.55	12	267	1.1	2	1.81	1.2	61	25	6	111	5.89	0.18	18	40	2.40	1999	2	0.53	12	0.12	15	57	0.42	176	130	1	
123	104426	0.2	4.24	12	145	1.3	3	1.83	1.4	54	21	6	92	5.43	0.17	20	39	2.13	1785	2	0.60	11	0.11	11	55	0.45	188	138	1	
124	104427	0.2	5.42	21	83	1.5	2	0.64	1.4	60	22	16	66	6.33	0.24	22	28	1.66	1738	3	0.21	21	0.16	22	30	0.41	167	243	1	
125	104428	0.2	6.30	18	95	1.2	2	0.54	0.8	51	18	26	69	4.75	0.27	20	24	1.08	1285	3	0.14	31	0.17	9	29	0.40	168	159	1	
126	104429 ¤	0.2	3.36	13	56	0.9	2	0.12	0.6	25	11	31	26	4.91	0.16	11	6	0.24	966	5	0.05	11	0.17	8	11	0.37	109	92	1	
127	104430 ¤	0.4	2.68	17	84	1.2	2	0.37	1.0	32	17	57	68	4.72	0.11	11	16	1.06	1058	3	0.06	46	0.21	7	23	0.36	172	138	1	
128	104431	0.2	3.45	23	98	1.3	2	0.68	0.6	51	32	93	77	4.98	0.16	18	21	2.00	1340	2	0.05	122	0.17	7	28	0.42	164	129	4	
129	104432 ¤	0.2	3.71	13	89	2.0	2	0.18	0.4	53	11	40	30	4.24	0.14	21	12	0.42	1011	3	0.08	26	0.23	9	12	0.27	101	120	1	
130	104433	0.2	4.06	14	114	1.2	2	0.40	0.8	54	17	71	42	5.06	0.19	19	16	1.03	1269	3	0.06	52	0.16	10	17	0.34	122	134	1	
131	104434 ¤	0.2	3.48	18	111	1.8	2	0.49	0.6	72	24	102	39	4.61	0.16	22	26	1.51	1176	3	0.05	107	0.19	11	23	0.31	125	130	4	
132	104435	0.2	3.99	19	103	2.2	2	0.40	0.2	118	7	119	32	4.80	0.17	35	19	0.42	666	3	0.09	39	0.20	8	21	0.24	136	117	1	
133	104436	0.2	3.80	20	167	1.2	2	0.99	0.6	47	22	186	37	4.90	0.25	16	40	2.66	902	3	0.04	205	0.27	3	26	0.32	149	155	1	
134	104437	0.2	4.00	9	116	1.5	2	0.23	0.4	57	18	140	49	4.21	0.32	20	31	1.48	801	2	0.06	119	0.21	3	12	0.34	142	161	1	
135	104438 ¤	0.2	3.48	12	75	0.7	2	0.10	0.2	23	9	104	27	6.56	0.22	12	10	0.29	401	3	0.04	81	0.33	6	10	0.34	117	83	1	
136	104439 ¤	0.4	3.24	6	99	0.8	2	0.10	0.2	26	7	84	21	3.76	0.32	13	9	0.40	609	3	0.04	27	0.28	3	12	0.37	124	73	1	
137	104440 ¤	0.2	3.25	11	166	1.3	2	0.27	0.7	28	14	114	24	4.88	0.27	11	16	0.69	1045	3	0.05	60	0.34	3	21	0.43	139	166	1	
138	104441 ¤	0.2	3.47	13	97	1.1	2	0.12	0.8	29	13	109	34	5.17	0.22	13	18	0.94	1074	3	0.04	65	0.34	11	14	0.42	142	178	4	
139	104442	0.2	3.82	30	131	2.4	2	1.61	0.8	66	25	93	61	4.92	0.62	30	20	1.44	2079	16	0.04	120	0.26	14	44	0.27	139	135	1	
140	104443	0.2	3.72	22	122	1.8	2	3.91	1.2	48	21	83	62	4.40	0.48	22	24	1.59	1182	12	0.04	102	0.22	12	66	0.27	150	131	1	
141	104444	0.6	2.80	20	104	1.2	2	0.98	1.7	44	21	40	69	4.26	0.33	19	24	1.34	1136	6	0.15	45	0.19	9	28	0.30	161	129	4	
142	104445	1.4	4.23	15	127	1.7	2	1.12	0.6	53	23	13	94	4.67	0.38	20	30	1.55	1670	6	0.41	24	0.20	10	46	0.30	163	111	2	
143	104446	0.2	4.16	11	116	1.6	2	0.19	0.2	67	19	27	75	4.62	0.46	22	22	0.75	1115	3	0.05	31	0.22	6	27	0.29	166	127	2	
144	104447	0.2	3.00	13	103	1.2	2	0.24	0.3	29	20	21	50	4.39	0.39	12	16	0.62	2348	4	0.06	17	0.32	12	19	0.23	143	115	1	
145	104448	0.4	6.67	7	247	1.4	2	0.41	0.2	55	27	8	116	6.62	1.35	24	35	0.26	1385	1	0.05	34	0.14	5	109	0.13	305	176	2	
146	104449	0.6	6.19	15	201	2.6	2	0.16	1.0	65	67	16	184	6.66	1.24	31	39	0.21	3402	3	0.04	192	0.16	8	102	0.10	305	566	2	
147	104450	0.4	6.78	15	202	1.6	2	0.47	0.2	79	18	8	47	3.16	2.16	37	11	0.37	883	1	0.02	24	0.16	4	172	0.09	128	117	2	
148	104451	0.2	4.73	8	143	0.6	2	0.02	0.2	33	19	8	108	6.36	0.96	15	16	0.19	796	1	0.07	10	0.14	2	46	0.11	276	101	4	
149	104452	0.2	3.66	6	192	0.7	2	0.09	0.2	40	24	11	126	6.44	0.86	17	14	0.17	1261	1	0.07	16	0.11	3	60	0.10	207	131	1	
152	104453	0.2	6.00	12	426	1.1	2	0.12	0.2	59	53	7	170	9.03	1.27	24	19	0.21	1825	1	0.05	22	0.14	2	72	0.13	278	209	2	
153	104454	0.2	5.61	29	299	1.3	2	0.14	0.6	44	54	11	230	12.59	1.23	16	14	0.35	4107	3	0.04	47	0.11	2	27	0.16	374	270	2	
154	104455	0.2	4.97	5	157	1.4	2	0.10	0.2	49	22	16	109	6.62	0.76	19	15	0.56	1897	2	0.04	17	0.22	2	20	0.16	208	151	1	
155	104456	0.2	6.70	7	210	1.3	2	0.14	0.2	40	29	7	184	8.93	1.61	16	9	0.48	1945	1	0.03	16	0.12	2	17	0.16	301	135	2	
156	104457	0.2	6.84	3	236	1.3	2	0.40	0.2	49	27	4	130	6.26	1.65	19	10	0.35	1767	1	0.04	12	0.16	2	26	0.12	207	131	1	
157	104458	0.6	5.21	4	177	1.2	2	0.04	0.2	64	23	21	102	5.36	0.79	21	21	0.42	1621	2	0.04	26	0.18	3	31	0.12	194	139	1	
158	104459	0.2	6.66	12	212	1.0	2	0.14	0.2	45	28	9	152	8.77	1.24	17	24	0.28	2001	1	0.04	15	0.15	2	20	0.11	275	128	1	
159	104460	0.2	6.21	10	202	1.0	2	0.19	0.2	65	22	16	126	6.34	1.06	18	26	0.40	1439	1	0.07	22	0.16	2	34	0.12	244	128	2	

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 11 of 13
160	104461	0.2	4.72	7	96	1.1	2	0.06	0.2	64	12	31	63	5.63	0.42	15	19	0.47	874	2	0.07	19	0.27	2	23	0.21	166	134	1	
161	104462	0.2	4.55	2	194	1.2	2	0.11	0.3	46	24	30	90	5.95	0.68	16	20	0.62	2932	3	0.04	27	0.35	8	23	0.20	191	162	8	
162	104463 ○	0.2	3.04	2	180	1.1	2	0.13	0.4	32	11	47	31	4.97	0.47	13	13	0.46	1310	3	0.05	23	0.30	6	18	0.37	151	140	1	
163	104464	0.4	5.08	2	118	1.9	2	0.09	0.4	64	36	29	74	6.77	0.82	27	32	0.61	2536	4	0.06	104	0.21	16	77	0.20	201	356	1	
164	104465	0.6	4.18	2	125	2.4	2	0.21	0.5	48	18	87	41	5.22	0.42	34	17	0.63	1347	3	0.06	38	0.32	9	26	0.33	158	163	1	
165	104466	0.4	3.19	2	103	1.0	2	0.09	0.3	31	9	36	29	4.55	0.48	15	14	0.39	875	3	0.06	20	0.27	6	20	0.29	141	146	4	
166	104467	0.2	6.13	2	224	1.4	2	0.12	0.2	53	59	221	53	7.38	1.06	21	19	0.86	2721	1	0.03	210	0.13	2	27	0.12	320	153	2	
167	104468	0.2	3.89	2	132	1.0	2	0.07	0.3	32	13	68	36	5.17	0.44	11	19	0.46	1062	2	0.06	32	0.28	4	25	0.23	171	148	2	
168	104469 □	0.4	3.22	6	211	0.9	2	0.17	1.2	40	28	26	48	8.01	0.60	13	16	0.28	6644	9	0.07	36	0.39	10	50	0.19	169	192	2	
169	104470	0.6	6.18	4	96	2.0	2	0.06	0.3	56	29	15	76	6.26	1.28	29	30	0.44	2663	9	0.03	104	0.12	9	33	0.14	184	182	8	
170	104701	0.2	4.08	3	179	1.6	2	1.33	0.7	64	34	76	71	5.46	0.82	20	28	4.06	1293	1	0.07	278	0.17	6	27	0.43	167	88	1	
171	104702	0.2	3.81	4	128	1.6	2	0.35	0.6	40	25	171	30	5.06	0.52	13	24	2.56	997	1	0.07	211	0.33	5	14	0.39	149	110	2	
172	104703	0.4	3.66	3	126	1.0	2	0.10	0.5	29	11	94	25	3.61	0.42	13	16	0.76	479	2	0.06	41	0.32	8	18	0.44	131	99	1	
173	104704	0.2	4.16	8	144	1.5	2	0.27	0.6	43	19	126	33	4.90	0.57	16	32	1.65	911	2	0.06	89	0.22	5	12	0.46	150	140	1	
174	104705	0.2	4.75	5	279	1.5	2	0.73	0.4	57	21	16	60	5.72	1.74	20	16	1.16	1094	1	0.09	24	0.18	4	23	0.38	162	131	1	
175	104706	0.2	2.80	23	98	1.0	2	0.98	6.8	53	29	27	58	6.11	0.16	20	35	2.66	1581	7	0.10	60	0.23	8	31	0.18	204	190	4	
176	104707	0.2	3.81	2	106	1.1	2	1.70	2.5	51	15	24	51	3.81	0.31	17	18	1.16	1088	2	0.16	28	0.23	4	40	0.27	145	138	1	
177	104708	0.2	7.30	2	163	2.1	3	1.17	0.8	57	26	9	123	6.20	0.26	20	59	2.24	1421	1	0.22	27	0.17	14	89	0.34	154	110	1	
178	104709	0.2	4.40	14	176	1.9	2	1.50	0.5	66	17	23	87	4.90	0.36	26	28	1.09	864	3	0.06	40	0.18	10	45	0.27	153	136	1	
179	104710	0.2	4.04	28	171	2.3	2	2.78	1.1	62	24	49	73	4.78	0.75	21	24	1.41	1783	17	0.09	93	0.28	13	81	0.20	151	160	4	
180	104711	0.2	4.13	5	186	2.2	2	1.09	0.7	59	28	8	108	6.65	0.27	26	32	1.68	1896	5	0.11	17	0.21	12	39	0.49	190	119	1	
181	104712	0.2	4.36	2	110	1.9	2	1.16	0.5	61	29	16	91	6.41	0.45	20	33	1.65	1717	3	0.28	26	0.19	5	44	0.41	176	116	1	
182	104713	0.2	4.35	6	109	1.2	2	0.78	0.7	51	30	46	77	5.68	0.28	18	23	1.70	1881	2	0.13	62	0.16	6	31	0.42	191	160	1	
183	104714	0.6	5.31	63	122	1.3	2	0.05	0.2	42	10	21	31	5.46	1.13	28	17	0.43	511	7	0.05	38	0.11	15	61	0.20	148	151	10	
184	104715	0.6	7.33	44	116	0.8	2	0.03	0.2	41	4	20	25	6.03	1.89	36	10	0.25	164	8	0.06	27	0.10	9	84	0.10	192	90	8	
185	104716	0.6	6.19	2	247	1.1	2	0.29	0.8	40	28	10	126	6.64	0.93	17	25	0.26	1983	4	0.04	23	0.14	6	42	0.16	211	164	2	
186	104717	0.2	6.19	2	218	1.1	2	0.39	0.4	41	34	11	170	7.00	0.99	17	33	1.90	2506	1	0.06	18	0.11	2	31	0.14	240	138	1	
187	104718	0.4	6.24	6	262	0.8	3	0.27	0.2	98	20	7	122	6.49	1.14	15	19	0.62	1285	2	0.06	10	0.11	5	48	0.16	258	95	1	
188	104719	0.2	6.59	2	220	0.9	2	0.17	0.2	46	30	6	160	7.48	1.21	17	16	0.46	1804	1	0.12	15	0.13	2	28	0.15	293	127	1	
189	104720	0.2	6.85	2	227	0.9	2	0.18	0.2	41	29	7	151	7.24	1.34	17	16	0.56	1790	1	0.11	14	0.13	3	32	0.17	281	139	1	
190	104721	0.2	5.21	2	102	1.5	2	0.06	0.2	44	20	22	86	6.14	0.55	17	21	0.41	1725	4	0.09	20	0.22	4	13	0.18	179	174	2	
191	104722	0.2	5.99	2	146	1.1	4	0.04	0.3	41	25	13	147	8.15	0.95	20	20	0.30	1666	2	0.06	38	0.14	3	30	0.14	237	187	4	
192	104723	0.4	4.61	4	234	0.8	2	0.19	0.3	31	26	11	150	8.28	1.10	14	13	0.44	1709	2	0.09	32	0.09	2	19	0.13	312	124	2	
193	104724	0.2	7.09	2	183	1.3	3	0.33	0.2	50	32	16	156	8.80	1.34	19	35	1.24	2546	1	0.06	29	0.15	3	22	0.13	239	133	2	
194	104725	0.2	5.86	3	299	1.6	8	0.48	1.0	116	36	15	303	7.53	0.82	62	41	0.96	5466	3	0.05	29	0.21	11	36	0.15	234	206	1	
195	105853	0.4	6.00	3	125	2.0	2	0.32	0.6	48	17	12	55	4.62	1.54	20	37	0.73	1116	8	0.05	66	0.10	3	30	0.18	140	139	2	
196	105854	0.2	6.90	7	156	2.7	2	0.45	1.0	64	26	11	63	4.79	2.00	21	36	0.87	1389	10	0.05	86	0.10	8	38	0.17	145	182	4	
197	105855	0.2	6.43	2	62	0.7	2	0.04	0.2	9	4	13	110	6.07	1.96	4	5	0.36	133	1	0.02	6	0.09	2	3	0.11	401	100	1	
198	105856	0.4	6.48	7	329	0.8	2	0.01	0.8	41	68	18	184	10.53	1.36	20	18	0.20	3025	110	0.02	53	0.17	12	34	0.10	261	207	2	
199	105857	0.2	6.73	3	317	1.6	4	0.47	0.6	76	36	9	299	8.88	1.16	41	29	0.84	5249	5	0.09	30	0.19	12	47	0.13	238	217	1	

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 12 of 13
201	105858	<1.0	4.15	26	166	1.2	2	0.15	0.2	53	16	15	109	7.02	0.85	30	17	0.34	810	4	0.09	54	0.17	8	54	0.14	161	166	6	
202	105859	<1.0	4.22	12	157	1.2	2	0.09	0.2	57	16	18	60	5.50	1.01	39	20	0.40	879	5	0.06	58	0.13	12	39	0.15	148	196	4	
203	105860	<1.0	4.73	10	150	1.7	2	0.09	0.2	64	22	17	66	6.30	0.93	37	25	0.43	1576	6	0.06	78	0.18	12	38	0.17	160	279	2	
204	105861	0.2	6.20	2	243	1.1	2	0.25	0.2	42	19	4	130	7.60	2.05	20	12	0.42	923	1	0.07	15	0.14	2	62	0.18	251	139	4	
205	105862	0.6	5.66	2	277	1.3	3	0.28	0.2	66	37	12	138	8.89	1.23	34	23	0.52	2924	3	0.07	36	0.17	4	56	0.16	298	209	2	
206	105863	0.4	4.13	2	157	1.1	2	0.10	0.2	33	26	30	69	6.50	0.62	14	16	0.53	2856	3	0.03	31	0.26	2	18	0.16	169	197	1	
207	105864	0.4	4.11	2	187	1.4	2	0.16	0.2	47	28	21	72	8.23	0.83	16	23	0.61	2257	3	0.04	34	0.26	5	21	0.13	156	176	1	
208	105865	0.4	5.15	7	228	1.7	2	0.13	0.2	59	31	13	61	8.96	1.35	29	17	0.29	3590	3	0.04	47	0.31	7	36	0.10	169	248	1	
209	105866	0.6	5.03	2	242	1.9	2	0.14	0.4	65	30	10	79	9.69	1.16	35	20	0.31	3119	6	0.02	65	0.14	7	23	0.08	188	310	4	
210	105867 ¤	0.8	4.05	6	299	0.7	2	0.19	0.6	29	20	16	34	4.44	1.13	13	10	0.27	6382	6	0.03	22	0.24	9	33	0.10	130	182	2	
211	105868	0.4	6.90	16	145	1.7	3	0.48	0.2	70	24	10	61	5.76	1.72	36	23	0.45	1474	4	0.03	59	0.13	6	31	0.13	134	175	6	
212	105869	0.4	6.84	4	170	1.9	2	0.04	0.2	80	20	8	52	7.06	1.69	28	21	0.42	1777	2	0.02	26	0.19	2	21	0.12	137	176	1	
213	105870	0.4	6.03	5	109	1.3	2	0.11	0.2	31	12	11	35	5.47	1.64	16	18	0.43	844	1	0.02	25	0.14	2	5.21	0.16	134	133	1	
214	105871	0.4	5.05	10	112	1.2	3	0.16	0.2	62	23	11	58	6.82	1.02	26	26	0.30	2146	4	0.02	26	0.26	2	29	0.10	138	223	1	
215	105872 ¤	0.6	2.76	9	102	0.7	2	0.81	0.5	86	17	17	25	4.94	0.45	13	17	0.23	1607	6	0.02	22	0.28	6	43	0.12	107	169	1	
216	105873	0.2	3.34	10	129	0.9	2	0.41	0.3	36	13	37	24	4.80	0.42	12	29	0.38	597	3	0.04	28	0.27	4	46	0.20	135	190	4	
217	105874 ¤	0.4	4.12	9	131	1.0	2	0.12	0.2	52	23	52	42	8.04	0.44	13	23	0.32	2254	4	0.03	28	0.28	2	29	0.24	177	170	1	
218	105875	0.4	4.93	14	135	1.4	2	0.17	0.4	38	19	39	35	7.12	0.61	17	40	0.27	1668	4	0.03	31	0.28	10	53	0.16	181	168	4	
219	105926	0.6	4.88	15	170	3.2	2	0.64	0.8	69	21	60	69	6.70	0.61	37	44	0.62	2347	5	0.04	75	0.37	6	86	0.22	132	179	4	
220	105927	0.4	5.45	13	108	1.7	2	0.09	0.2	48	21	40	38	8.00	0.92	19	30	0.39	2071	7	0.02	34	0.24	8	37	0.15	148	186	2	
221	105928	0.2	6.15	14	175	2.0	2	0.23	0.6	38	13	23	38	5.78	1.10	18	35	0.44	1747	12	0.03	37	0.20	4	32	0.15	148	240	4	
222	105929	<1.0	5.63	6	106	1.2	2	0.05	0.3	31	19	25	27	5.48	1.05	17	30	0.36	2108	5	0.02	38	0.18	10	230	0.18	178	200	4	
223	105930	0.8	5.14	13	172	1.0	2	0.08	0.2	35	22	31	66	8.63	0.65	17	33	0.32	1577	3	0.03	57	0.30	3	185	0.15	194	229	1	
224	105931	0.4	4.90	10	169	0.9	2	0.07	0.3	26	18	26	70	6.33	0.61	19	19	0.31	1183	2	0.04	24	0.27	2	41	0.18	183	139	4	
225	105932	0.2	5.73	5	178	0.8	2	0.08	0.2	30	26	10	148	6.25	1.20	13	18	0.40	1461	1	0.04	21	0.13	2	16	0.16	240	146	1	
226	105933	0.4	5.28	6	279	0.7	2	0.27	0.2	29	26	9	95	4.62	0.93	11	19	0.20	1722	1	0.05	11	0.25	3	28	0.17	251	136	1	
227	105934	0.2	6.97	2	268	0.8	2	0.12	0.2	32	16	5	96	3.61	1.28	14	36	0.16	949	1	0.04	8	0.11	2	62	0.15	244	80	1	
228	105935	0.2	5.63	2	323	1.1	2	0.43	0.2	68	28	8	163	6.73	1.40	16	17	0.64	1812	1	0.05	14	0.12	2	27	0.15	250	139	2	
229	105936	0.2	6.73	2	410	0.6	2	0.17	0.2	27	21	9	96	4.85	1.12	12	41	0.17	1477	1	0.04	9	0.20	2	50	0.13	263	108	1	
230	105937	0.2	5.97	2	218	1.0	2	0.18	0.2	34	24	9	150	6.35	1.26	14	21	0.27	1357	1	0.04	11	0.12	2	51	0.10	252	129	1	
231	105938	0.2	6.97	2	192	0.9	2	0.18	0.2	33	24	5	138	6.39	1.43	14	19	0.25	1365	1	0.03	11	0.10	2	31	0.12	266	129	1	
232	105939	0.2	4.08	5	103	1.9	2	0.75	0.5	64	25	33	109	5.01	0.28	22	27	1.42	1426	3	0.06	46	0.20	12	29	0.39	192	128	1	
233	105940	0.4	4.11	2	99	1.4	2	0.65	0.3	43	14	27	48	3.86	0.25	15	17	0.80	855	3	0.05	22	0.28	8	23	0.34	142	133	1	
234	105941 ¤	0.2	4.64	2	109	1.4	2	0.13	0.4	34	11	27	59	3.34	0.27	14	18	0.73	469	2	0.04	23	0.29	7	16	0.29	121	102	1	
235	105942 ¤	0.2	3.98	2	193	1.5	2	0.42	0.7	40	20	36	42	4.76	0.29	15	18	0.74	1902	3	0.05	29	0.42	10	41	0.36	141	135	1	
236	105943	0.2	3.17	10	57	0.9	4	1.58	1.2	46	29	43	82	6.83	0.23	15	23	2.15	1606	2	0.06	102	0.13	7	32	0.36	169	140	1	
237	105944	0.2	3.32	4	141	0.9	2	1.21	0.6	39	18	18	71	4.56	0.35	13	19	1.15	1194	1	0.61	24	0.11	12	68	0.33	163	100	1	
238	105945	0.2	3.67	5	216	0.9	2	1.48	0.6	43	20	16	94	4.95	0.67	14	18	1.18	1164	1	0.05	19	0.12	10	46	0.19	175	114	1	
239	105946	0.2	3.77	6	222	1.0	3	1.31	0.9	47	21	21	86	5.54	0.52	17	22	1.36	1644	2	0.47	25	0.14	8	45	0.35	174	124	1	
240	105948	0.2	5.21	7	289	1.4	4	0.66	0.8	48	27	34	112	6.38	0.95	19	34	0.90	1726	4	0.06	62	0.12	12	68	0.12	192	164	1	

T.T. No.	SAMPLE No.	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	Sb ppm	9012-001 Pg. 13 of 13
241	105949	0.2	4.93	2	245	1.0	2	0.51	0.2	35	25	24	115	5.87	1.19	13	23	0.64	1383	2	0.04	27	0.13	2	40	0.07	203	119	2	
242	105950	0.2	5.56	4	394	1.0	3	0.16	0.2	62	61	10	203	9.85	1.07	25	24	0.19	3549	2	0.04	25	0.18	6	138	0.07	280	241	1	
243	106929	0.2	6.85	2	193	1.1	2	0.36	0.2	37	27	16	158	6.27	1.44	16	19	0.27	1774	1	0.03	24	0.11	2	46	0.06	308	126	1	
244	106930	0.2	4.69	6	169	1.3	3	0.15	0.5	60	37	24	179	12.78	0.24	28	25	0.64	5219	4	0.02	30	0.24	7	62	0.19	335	276	1	
245	106931	0.2	3.64	8	125	0.8	2	0.33	0.3	40	25	27	49	10.25	0.38	15	22	0.32	3612	4	0.03	21	0.34	6	46	0.28	226	244	1	
246	106932	0.2	4.04	4	84	0.7	2	0.11	0.2	41	14	33	49	10.21	0.35	19	19	0.32	1345	5	0.02	22	0.17	6	46	0.35	204	161	1	
247	106933	0.2	6.28	3	154	1.4	2	0.40	0.2	78	27	8	62	9.71	1.16	33	38	0.37	2697	2	0.02	31	0.13	5	86	0.09	151	193	1	

291 Rev

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: MORE CREEK CODE : 9008-066

Project No. :291 Sheet:1 of 5 Date rec'd:AUG 14
Material :255 SOILS Geol.:M.S. Date compl:SEP 14
Remarks :61 TALUS FINES
5 TALUS RX Values in PPM, except where noted.

S.T. No.	SAMPLE No.	PPB Au	
17	9300E-9750N	5	
18	9775	5	
19	9800	5	
20	9825	5	
21	9850	5	
22	9875	5	
23	9900	5	
24	9925	5	
25	9950	5	
26	9975	5	
27	9300E-10000N	5	
28	9400E-9700N	5	
29	9725	5	
30	9750	5	
31	9775	5	
32	9800	5	
33	9825	5	
34	9850	5	
35	9875	5	
36	9900	5	
37	9925	5	
38	9950	5	
39	9975	5	
40	9400E-10000N	5	
	9500E-9800N	5	
	9825	5	
43	9850	5	
44	9875	5	
45	9900	5	
46	9925	5	
47	9950	5	
48	9975	5	
49	9500E-10000N	5	
50	9550E-9825N	5	
2	9850	5	
3	9875	5	
4	9900	5	
5	9925	5	
6	9950	5	
7	9975	5	
8	9550E-10000N	5	
9	9600E-9900N	5	
10	9925	5	
11	9950	5	
12	10000	5	
13	10025	5	
14	10050	5	
15	10075	5	
16	9600E-10100N	5	
17	9650E-9850N	5	
18	9875	5	
19	9900	5	
20	9925	5	
21	9950	5	
22	9975	5	
23	10000	5	* 4.0g
24	10025	5	
25	10050	5	
	10075	5	
	10100	5	* 5.0g
28	10125	5	
29	9650E-10150N	5	

NOTE:
* signifies -35 mesh
TF signifies talus fines

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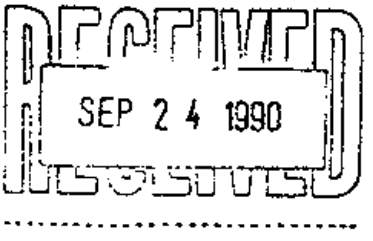

T.T. No.	SAMPLE No.	PPB Au	
30	9650E-10175N	5	
31	9650E-10200N	5	
32	9700E-9950N	5	
33	9975	5	
34	10000	5	
35	10025	5	
36	10050	5	
37	10075	5	* TF
38	9700E-10100N	5	
39	9750E-10025N	5	
40	10050	5	*
41	10075	5	
42	10100	5	
43	10125	5	*
44	10150	5	
45	10175	5	
46	9750E-10200N	5	
47	9800E-9775N	5	
48	9800	5	
49	9825	5	
50	9850	5	
51	9875	5	
52	9900	5	
53	9925	5	*
54	9950	5	*
55	9975	5	*
56	10000	5	
57	10025	5	
58	10050	5	
59	10075	5	
60	10100	5	
61	9800E-10150N	5	
62	9850E-9800N	5	
3	9825	5	*
4	9850	5	
65	9875	5	
66	9900	5	
67	9925	5	
68	9950	5	
69	9975	5	
70	10000	5	
71	10025	5	
72	10050	5	
73	10075	5	
74	10100	5	
75	10125	5	
76	10150	5	
77	10175	5	
78	9850E-10200N	5	
79	9900E-9850N	5	
80	9875	5	*
81	9900	5	*
82	9925	5	
83	9950	5	
84	9975	5	*
85	10000	5	
86	10025	5	
87	10050	5	
88	10075	5	
89	10100	5	
90	10125	5	
91	10150	5	
92	10175	5	
93	10200	5	
94	9900E-10225N	5	
95	9950E-9875N	5	*
96	9900	5	
7	9925	5	
8	9950	5	*
99	9975	5	
100	9950E-10000N	5	

I.T.	SAMPLE No.	PPB Au	
52	9950E-10050N	5	
53	10075	5	
54	10100	5	
55	10125	5	
56	10150	5	
57	10175	5	
58	10200	5	
59	10225	5	
60	10250	5	
61	9950E-10265N	5	
62	10000E-9900N	5	
63	9920	5	
64	9950	5	
65	10150	5	
66	10175	5	
67	10200	5	
68	10225	5	
69	10250	5	
70	10000E-10270N	5	
71	10050E-9950N	5	*
72	9975	5	*
73	10000	5	
74	10125	5	
75	10050E-10250N	5	
76	10100E-9875N	5	
77	9900	5	*
78	10100E-9925N	5	*
79	10050E-10150N	5	
80	10175	5	
81	10200	5	
82	10050E-10225N	5	
83	10100E-9950N	5	*
84	9975	5	
5	10160	5	TF
6	10200	5	TF
87	10210	5	TF
88	10220	5	TF
89	10230	5	TF
90	10240	5	TF 5.0g
91	10250	5	TF
92	10260	5	TF
93	10270	5	* TF
94	10100E-10280N	5	TF
95	10150E-10250N	5	
96	10275	5	
97	10300	5	
98	10325	5	
99	10330	5	* TF 5.0g
100	10150E-10340N	5	TF
1	10200E-10350N	5	
2	10360	5	TF
3	10200E-10370N	5	TF
4	10250E-10325N	5	
5	10350	5	
6	10375	5	
7	10440	5	
8	10250E-10470N	5	
9	10300E-10330N	5	TF
10	10340	5	TF
11	10350	5	TF 5.0g
12	10360	5	TF
13	10380	5	TF
14	10390	5	TF
15	10400	5	TF 5.0g
16	10440	5	TF
17	10450	5	TF 5.0g
18	10480	5	TF
9	10490	5	TF
0	10510	5	TF
21	10520	5	
22	10300E-10530N	5	

S.T. No.	SAMPLE No.	PPB Au	
23	10300E-10540N	5	
24	10300E-10550N	5	
25	10350E-10325N	5	
26	10350	5	
27	10350E-10380N	5	
28	10400E-10300N	5	TF
29	10310	5	
30	10320	5	TF
31	10330	5	TF 5.0g
32	10340	5	
33	10350	5	TF
34	10400E-10360N	5	TF
35	10450E-10300N	5	
36	10325	5	
37	10450E-10340N	5	
38	10500E-10270N	5	TF
39	10280	5	TF
40	10290	5	TF
41	10300	5	TF
42	10310	5	TF
43	10320	5	TF
44	10330	5	
45	10340	5	TF
46	10500E-10350N	5	* TF
47	106776	5	
48	106777	5	
49	106778	5	TF
50	106779	5	
52	106780	5	
53	106781	5	
54	106782	5	TF
55	106783	5	
56	106784	5	TF
?	106785	5	
	106786	5	
59	106787	5	
51	106788	5	
52	106789	5	
53	106790	5	
54	106791	5	
55	106792	5	
56	106793	5	
57	106794	5	
58	106795	5	
59	106796	5	
60	106797	5	
61	106798	5	
62	106799	5	
63	106800	5	
64	106801	5	
65	106802	5	
66	106803	5	
67	106804	5	
68	106805	5	
69	106806	5	
70	106807	5	
71	106808	5	
72	106828	5	* TF 5.0g
73	106829	5	TF
74	106830	5	TF
75	106831	5	TF
76	106834	5	TF
77	106835	5	TF
78	106836	5	TF
79	106837	5	TF
80	106838	5	TF
81	106839	5	TF
?	106841	5	
?	106842	5	
84	106844	5	
85	10500E-106845N	5	

T.T. No.	SAMPLE No.	PPB Au	
86	10500E-106846N	5	
87	106847	5	
88	106848	5	
89	106849	5	
90	106850	5	
91	128776	5	
92	128777	5	
93	128778	5	
94	128779	5	
95	128780	5	
96	128781	5	
97	128782	5	TF
98	128783	5	
99	128784	5	
100	128785	5	
52	128786	5	
53	128787	5	
54	128788	5	TF
55	128789	5	
56	128790	5	
57	128791	5	
58	128792	5	
59	128793	5	
60	128794	5	
61	128795	5	
62	128796	5	
63	128797	5	
64	128798	5	
65	128799	5	
66	128800	5	
67	128801	5	
68	128802	5	
69	128803	5	
70	128804	5	
71	128805	5	
72	128806	5	
73	128807	5	
74	128808	5	
75	128809	5	* TF 5.0g
76	128810	5	TF
77	128811	5	
78	9600E-9975N	5	TALUS ROCK
79	10300E-10370N	5	TALUS ROCK
80	10460	5	TALUS ROCK
81	10470	5	TALUS ROCK
82	10300E-10500N	5	TALUS ROCK

More Creek Geo
291

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: MORE CREEK

CODE : 9008-086

Project No. :291
Material :156 SOILS &
Remarks :2 PANS

Sheet:1 of 3
Geol.:M.S.

Date rec'd:AUG 20
Date compl:SEP 17

Values in PPM, except where noted.

T.T. No.		SAMPLE No.	PPB Au
78	SOIL	104392	5
79		104393	5
80		104394	5
81		104395	5
82		104396	5
83		104397	5
84		104398	5
85		104399	5
86		104400	5
87		104401	5
88		104402	5
89		104403	5
90		104404	5
91		104405	5
92		104406	5
93		104407	5
94		104408	5
95		104409	5
96		104410	5
97		104411	5
98		104412	5
99		104413	5
100		104414	5
52		104415	5
3		104416	5
1		104417	5
5		104418	5
56		104419	5
57		104420	5
58		104421	5
59		104422	5
60		104423	5
61		104424	5
62		104425	5
63		104426	5
64		104427	5
65		104428	5
66		104429	5
67		104430	5
68		104431	5
69		104432	5
70		104433	5
71		104434	5
72		104435	5
73		104436	5
74		104437	5
75		104438	5
76		104439	5
77		104440	5
78		104441	5
79		104442	5
80		104443	5
81		104444	5
82		104445	5
83		104446	5
84		104447	5
85		104448	5
86		104449	5
7		104450	5
3		104451	5
9		104452	5
90	SOIL	104453	5

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T.		SAMPLE No.	PPB Au
	SOIL	104454	5
92		104455	5
93		104456	5
94		104457	5
95		104458	5
96		104459	5
97		104460	5
98		104461	5
99		104462	5
100		104463	5
51		104464	5
52		104465	5
53		104466	5
54		104467	5
55		104468	5
56		104469	5
57		104470	5
58		104701	5
59		104702	5
60		104703	5
61		104704	5
62		104705	5
63		104706	5
64		104707	5
65		104708	5
66		104709	5
67		104710	5
68		104711	5
69		104712	5
70		104713	5
71		104714	5
72		104715	5
73		104716	5
74		104717	5
		104718	5
76		104719	5
77		104720	5
78		104721	5
79		104722	5
80		104723	5
81		104724	5
82		104725	5
83		105853	5
84		105854	5
85		105855	5
86		105856	5
87		105857	5
88		105858	5
89		105859	5
90		105860	5
91		105861	5
92		105862	5
93		105863	5
94		105864	5
95		105865	5
96		105866	5
97		105867	5
98		105868	5
99		105869	5
100		105870	5
52		105871	5
53		105872	5
54		105873	5
55		105874	5
56		105875	5
57		105926	5
58		105927	5
59		105928	5
		105929	5
61		105930	5
62	SOIL	105931	5

T.T. No.		SAMPLE No.	PPB Au
	SOIL	105932	5
64		105933	5
65		105934	5
66		105935	5
67		105936	5
68		105937	5
69		105938	5
70		105939	5
71		105940	5
72		105941	5
73		105942	5
74		105943	5
75		105944	5
76		105945	5
77		105946	5
78		105948	5
79		105949	5
80		105950	5
81		106929	10
82		106930	5
83		106931	5
84		106932	5
85		106933	5

T.T. No.		SAMPLE No.	wt. (g)	PPB Au	Cu	Zn	Pb	Ag
63	PAN	105436	24.4	5	160	430	1	0.2
64	PAN	105437	45.2	610	80	190	4	0.2

N.B. Pan-con: entire sample used for Au determination.
*Cu, Zn, Pb, Ag values obtained from Aqua Regia sol'n.

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

DATE RECEIVED: DEC 27 1990

DATE REPORT MAILED: Dec. 31/90

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9012-001 291 FILE # 90-6460 Page 1
1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	HG ppb
9300E 10000N	150
9300E 9975N	90
9300E 9950N	260
9300E 9925N	120
9300E 9900N	130
9300E 9875N	160
9300E 9850N	150
9300E 9825N	280
9300E 9800N	230
9300E 9775N	140
9300E 9750N	210
9400E 10000N	400
9400E 9975N	280
9400E 9950N	500
9400E 9925N	400
9400E 9900N	490
9400E 9875N	960
9400E 9850N	1100
9400E 9825N	1050
9400E 9800N	1200
9400E 9775N	1400
9400E 9750N	1100
9400E 9725N	1300
9400E 9700N	160
9500E 10000N	200
9500E 9975N	1900
9500E 9950N	240
9500E 9925N	270
9500E 9900N	230
9500E 9875N	680
9500E 9850N	1400
9500E 9825N	1500
9500E 9800N	540
9550E 10000N	310
9550E 9975N	2300
9550E 9950N	780
STANDARD C	1400

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JAN 10 1991

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

SIGNED BY... D. Toye D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	HG ppb
9550E 9925N	1700
9550E 9900N	5100
9550E 9875N	2800
9550E 9850N	430
9550E 9825N	230
9600E 10100N	150
9600E 10075N	220
9600E 10050N	520
9600E 10025N	160
9600E 10000N	180
9600E 9975N	270
9600E 9950N	380
9600E 9925N	250
9600E 9900N	230
9650E 10200N	340
9650E 10175N	540
9650E 10150N	270
9650E 10125N	1100
9650E 10100N	720
9650E 10075N	1700
9650E 10050N	1400
9650E 10025N	920
9650E 10000N	-
9650E 9975N	480
9650E 9950N	1200
9650E 9925N	580
9650E 9900N	1700
9650E 9875N	1300
9650E 9850N	780
9700E 10100N	400
9700E 10075N	330
9700E 10050N	520
9700E 10025N	500
9700E 10000N	1300
9700E 9975N	720
9700E 9950N	350
STANDARD C	1500

- No sample

SAMPLE#	HG ppb
9750E 10200N	380
9750E 10175N	320
9750E 10150N	370
9750E 10125N	950
9750E 10100N	1800
9750E 10075N	460
9750E 10050N	-
9750E 10025N	4500
9800E 10150N	440
9800E 10100N	430
9800E 10075N	900
9800E 10050N	1400
9800E 10025N	360
9800E 10000N	340
9800E 9975N	1900
9800E 9950N	400
9800E 9925N	290
9800E 9900N	1700
9800E 9875N	1800
9800E 9850N	2100
9800E 9825N	3800
9800E 9800N	880
9800E 9775N	5400
9850E 10200N	1200
9850E 10175N	500
9850E 10150N	670
9850E 10125N	1050
9850E 10100N	3800
9850E 10075N	610
9850E 10050N	660
9850E 10025N	700
9850E 10000N	190
9850E 9975N	380
9850E 9950N	860
9850E 9925N	1300
9850E 9900N	2000
STANDARD C	1500

- No Sample

SAMPLE#	HG ppb
9850E 9875N	3300
9850E 9850N	2400
9850E 9825N	1400
9850E 9800N	2000
9900E 10225N	920
9900E 10200N	4300
9900E 10175N	3000
9900E 10150N	1100
9900E 10125N	3800
9900E 10100N	1200
9900E 10075N	1100
9900E 10050N	1500
9900E 10025N	1600
9900E 10000N	1050
9900E 9975N	3200
9900E 9950N	2200
9900E 9925N	1500
9900E 9900N	1800
9900E 9875N	2700
9900E 9850N	2400
9950E 10265N	4300
9950E 10250N	3600
9950E 10225N	3500
9950E 10200N	7400
9950E 10175N	1400
9950E 10150N	1050
9950E 10125N	1100
9950E 10100N	1200
9950E 10075N	8500
9950E 10050N	3300
9950E 10000N	4900
9950E 9975N	4000
9950E 9950N	5600
9950E 9925N	3300
9950E 9900N	4400
9950E 9875N	2000
STANDARD C	1500

SAMPLE#	HG ppb
10000E 10270N	9200
10000E 10250N	1300
10000E 10225N	4700
10000E 10200N	1200
10000E 10175N	3600
10000E 10150N	2100
10000E 9950N	2200
10000E 9920N	2000
10000E 9900N	550
10050E 10250N	19200
10050E 10225N	4100
10050E 10200N	8400
10050E 10175N	5000
10050E 10150N	4200
10050E 10125N	2100
10050E 10000N	3200
10050E 9975N	3700
10050E 9950N	480
10100E 10280N	40000
10100E 10270N	20800
10100E 10260N	12000
10100E 10250N	6000
10100E 10240N	6800
10100E 10230N	4600
10100E 10220N	5100
10100E 10210N	11200
10100E 10200N	8300
10100E 10160N	10800
10100E 9975N	3300
10100E 9950N	780
10100E 9925N	540
10100E 9900N	190
10100E 9875N	220
10150E 10325N	8800
10150E 10300N	76000
10150E 10275N	7200
10150E 10250N	16000
STANDARD C	1400

SAMPLE#	HG ppb
10200E 10370N	3000
10200E 10360N	8300
10200E 10350N	2400
10200E 10340N	6300
10200E 10330N	1500
10250E 10470N	1600
10250E 10440N	2700
10250E 10375N	2500
10250E 10350N	880
10250E 10325N	660
10300E 10550N	320
10300E 10540N	250
10300E 10530N	860
10300E 10520N	320
10300E 10510N	240
10300E 10500N	60
10300E 10490N	230
10300E 10480N	4000
10300E 10470N	720
10300E 10460N	360
10300E 10450N	7000
10300E 10440N	3800
10300E 10400N	4800
10300E 10390N	2500
10300E 10380N	2300
10300E 10370N	480
10300E 10360N	870
10300E 10350N	920
10300E 10340N	950
10300E 10330N	1200
10350E 10380N	1300
10350E 10350N	540
10350E 10325N	200
10400E 10360N	480
10400E 10350N	380
10400E 10340N	370
STANDARD C	1600

SAMPLE#	HG ppb
10400E 10330N	210
10400E 10320N	360
10400E 10310N	280
10400E 10300N	430
10450E 10340N	350
10450E 10325N	200
10450E 10300N	220
10500E 10350N	250
10500E 10340N	350
10500E 10330N	260
10500E 10320N	340
10500E 10310N	120
10500E 10300N	340
10500E 10290N	350
10500E 10280N	540
10500E 10270N	430
STANDARD C	1300

SAMPLE#	HG ppb
106776	40
106777	100
106778	150
106779	500
106780	120
106781	380
106782	110
106783	160
106784	220
106785	300
106786	320
106787	180
106788	240
106789	390
106790	190
106791	70
106792	410
106793	280
106794	130
106795	100
106796	90
106797	70
106798	80
106799	60
106800	220
106801	110
106802	70
106803	80
106804	60
106805	-
106806	50
106807	70
106808	90
106828	300
106829	240
106830	350
STANDARD C	1500

- No Sample

SAMPLE#	HG ppb
106831	850
106834	2000
106835	640
106836	1300
106837	400
106838	1800
106839	1100
106841	410
106842	450
106844	540
106845	3800
106846	2500
106847	2300
106848	520
106849	4600
106850	2400
STANDARD C	1500

SAMPLE#	HG ppb
128776	170
128777	350
128778	190
128779	140
128780	100
128781	230
128782	210
128783	520
128784	200
128785	130
128786	90
128787	60
128788	50
128789	40
128790	80
128791	120
128792	170
128793	80
128794	100
128795	70
128796	60
128797	50
128798	50
128799	100
128800	60
128801	70
128802	50
128803	60
128804	40
128805	50
128806	30
128807	80
128808	110
128809	270
128810	260
128811	230
STANDARD C	1400

SAMPLE#	HG ppb
104392	20
104393	20
104394	10
104395	10
104396	80
104397	20
104398	20
104399	30
104400	30
104401	20
104402	120
104403	600
104404	1300
104405	400
104406	420
104407	120
104408	130
104409	80
104410	140
104411	80
104412	60
104413	50
104414	100
104415	50
104416	40
104417	80
104418	40
104419	30
104420	20
104421	30
104422	40
104423	30
104424	30
104425	20
104426	20
104427	30
STANDARD C	1300

SAMPLE#	HG ppb
104428	50
104429	120
104430	520
104431	180
104432	130
104433	110
104434	120
104435	180
104436	110
104437	190
104438	350
104439	110
104440	120
104441	100
104442	150
104443	50
104444	80
104445	40
104446	250
104447	110
104448	430
104449	1100
104450	260
104451	1400
104452	410
104453	4700
104454	6100
104455	4000
104456	540
104457	720
104458	1050
104459	2000
104460	1400
104461	290
104462	400
104463	80
STANDARD C	1400

SAMPLE#	HG ppb
104464	450
104465	180
104466	110
104467	520
104468	130
104469	150
104470	340
104701	30
104702	60
104703	80
104704	60
104705	20
104706	80
104707	60
104708	30
104709	80
104710	110
104711	30
104712	40
104713	60
104714	320
104715	650
104716	820
104717	240
104718	1500
104719	460
104720	1200
104721	240
104722	1600
104723	390
104724	90
104725	180
STANDARD C	1500

SAMPLE#	HG ppb
105853	2600
105854	5100
105855	1500
105856	2400
105857	660
105858	720
105859	1050
105860	880
105861	300
105862	230
105863	120
105864	190
105865	210
105866	550
105867	110
105868	310
105869	290
105870	180
105871	1300
105872	1600
105873	730
105874	430
105875	5600
105926	1600
105927	3400
105928	5500
105929	730
105930	1500
105931	710
105932	370
105933	760
105934	730
105935	500
105936	2100
105937	680
105938	1100
STANDARD C	1300

SAMPLE#	HG ppb
105939	100
105940	150
105941	110
105942	90
105943	220
105944	70
105945	160
105946	220
105948	1900
105949	500
105950	3500
STANDARD C	1400

SAMPLE#	HG ppb
106929	150
106930	890
106931	320
106932	540
106933	1400

APPENDIX V

GEOPHYSICIST'S REPORT

noranda

NORANDA EXPLORATION CO. LTD.

VANCOUVER, B.C.

MEMO TO: M. Savell

FROM : T. Wong

SUBJECT: MORE CREEK MAGNETIC SURVEY

DATE : November 26, 1990

During September, 1990, a Total Field Magnetics Survey was carried out on the More Creek Property. The purpose of the survey was to aid in mapping of the local geology.

The survey was conducted on an existing soil and rock sampling grid. Survey line separation was 100 m. with readings recorded at 12.5 m. stations. The grid is irregularly shaped due to local topographic constraints and glacial ice. A total of 4.4 Km. of line was surveyed.

INSTRUMENTATION

The magnetics survey utilized EDA Omni4 magnetometers with readings corrected for diurnal drift by the use of a recording magnetic base station. The EDA system records the Total Magnetic Field with an accuracy of within 1 nT.

DISCUSSION OF RESULTS

The survey results are plotted in profile and contour formats at a scale of 1:2500 (fig. 8 and 9). Due to an oversight in the field L.10100E from 9800E to 9600E was not surveyed.

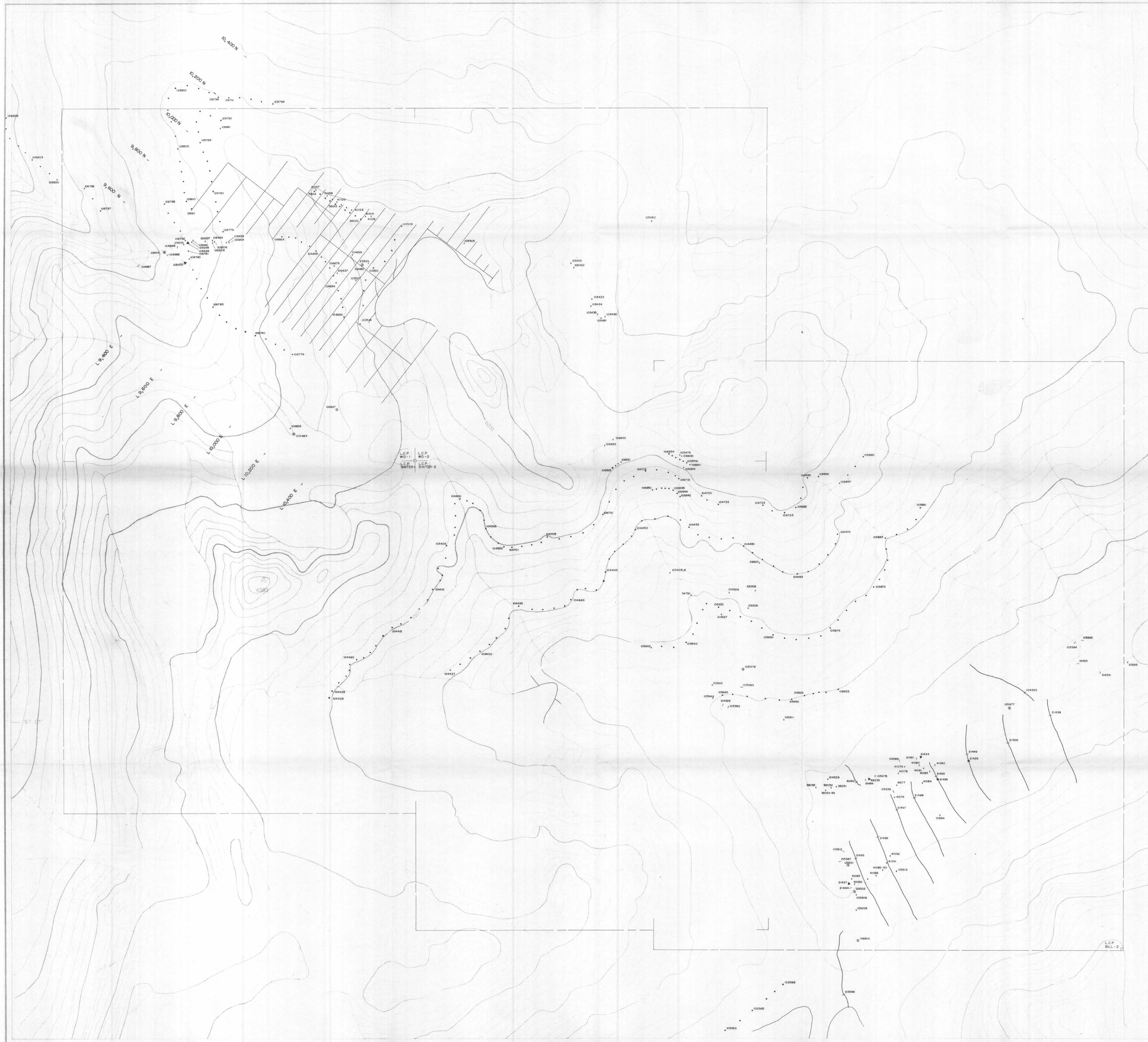
A SW - NE magnetic break has been interpreted to correlate with a mapped fault at the grid's south east. The magnetic break separates two rock units of contrasting magnetic susceptibilities probably sediments (low susceptibility) and mafic volcanics (high susceptibility). A N - S magnetic break has also been interpreted as shown.

A pyritic gossan north of the baseline on L.10000E and L.10100E does not have any particular magnetic response associated with it.

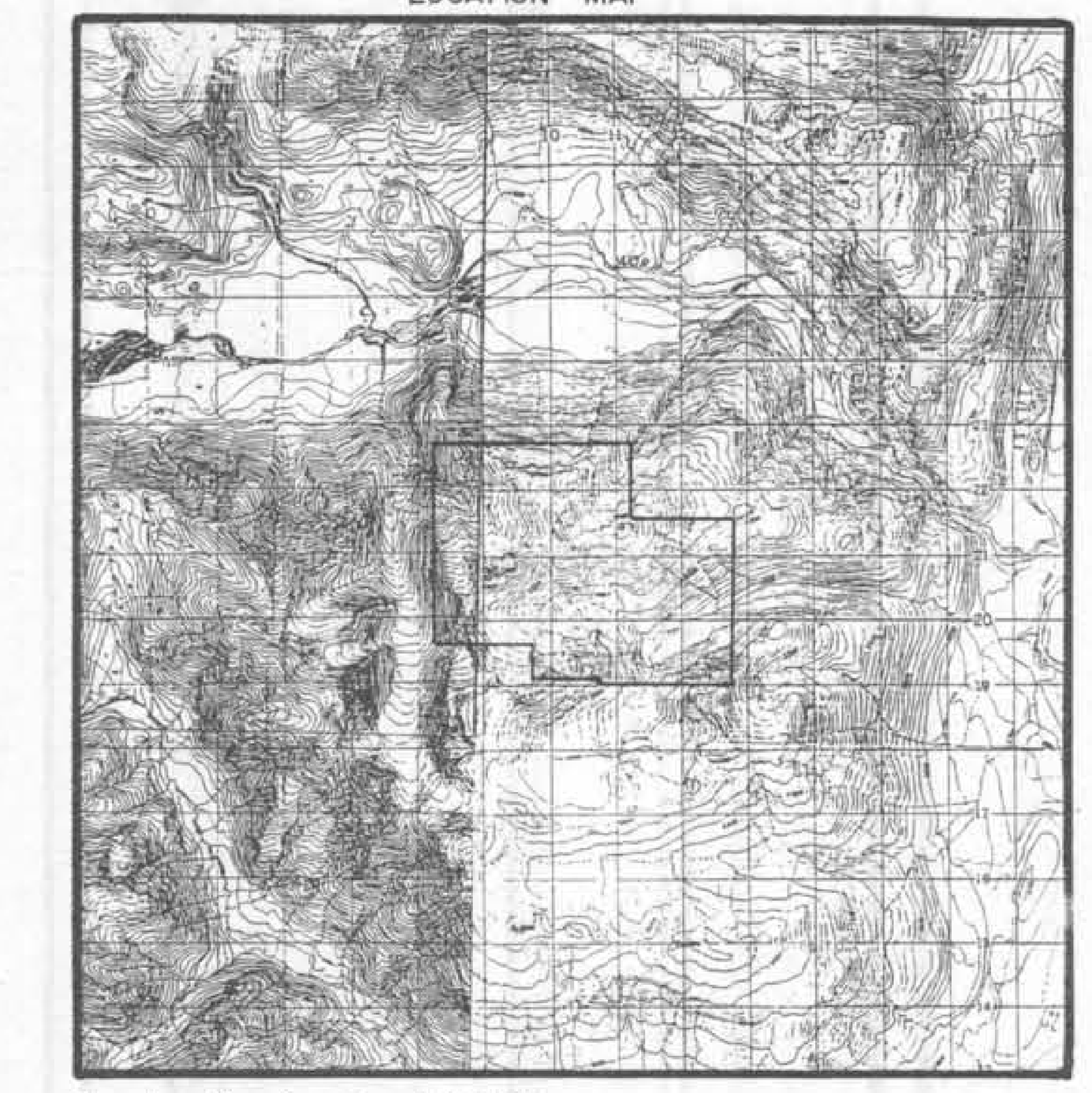
SUMMARY

The limited magnetic survey has defined two rock units underlying

the surveyed grid area. A program of HLEM and/or I.P. could be performed along with further magnetic surveys, terrain permitting, contingent upon results of an orientation EM and I.P. survey over the contact and gossanous areas.



LOCATION MAP



SCALE 1:100,000 (0–5 kilometres)

MORE CREEK
ROCK ANALYSES

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
105431	84	67	22	0.1	18	12	13	1200
105432	45	72	58	0.1	4	16	15	3400
105433	20	12	50	0.8	28	46	1	3100
105434	163	18	95	0.1	2	3	1	550
105436	136	8	70	0.1	2	2	2	780
105438	83	10	88	0.1	24	18	1	6400
105439	127	4	90	0.1	3	3	2	1700
105440	184	16	92	0.1	7	4	5	1200
105441	111	25	94	0.1	6	5	2	190
105476	81	11	31	0.1	4	2	1	2100
105477	14	12	1	0.1	42	6	1	400
105478	115	7	12	0.1	7	2	3	100
105479	79	11	110	0.1	12	2	1	1700
105480	144	11	92	0.1	5	6	1	250
105481	79	7	65	0.1	2	2	3	1600
105482	29	3	51	0.1	3	10	1	360
105483	26	2	11	0.1	3	2	1	650
105484	5	11	1	0.1	112	3	1	4300
105876	48	8	34	0.1	20	2	4	1500
105877	73	10	48	0.1	19	2	5	1200
105878	89	10	67	0.1	13	2	1	2100
105879	85	5	39	0.1	86	2	2	2200
105880	48	9	16	0.1	57	3	1	1900
105881	85	15	56	0.1	5	7	1	500
106809	13	9	27	0.1	2	2	3	30
106810	55	18	1	0.1	26	4	1	440
106826	7	32	196	0.1	19	3	1	50
106827	13	18	1938	0.1	2361	671	1	196000
106832	8	8	25	0.1	53	8	1	1400
106833	15	5	46	0.1	24	6	1	2300
106840	96	13	67	0.1	5	4	2	5100
106843	33	2	1	0.1	4	2	2	3300
129201	7	5	210	0.4	2	2	1	200
129202	120	12	32	0.5	2	2	1	260
129203	15	2	13	0.2	3	2	1	120
129204	133	4	182	0.1	3	8	2	1900
129205	99	5	86	0.1	7	8	3	460
129206	14	3	4	0.2	36	14	2	9600
129207	3	2	5	0.1	5	4	1	230
129208	104	12	8	0.2	6	2	2	1100
129209	83	6	127	0.2	15	3	1	4300
129826	125	47	78	0.1	38	4	5	600
129827	84	9	69	0.1	82	8	1	310
129828	175	5	85	0.1	82	27	1	1300
129829	85	3	16	0.2	105	16	2	1400
129830	82	4	14	0.2	76	6	3	760
129831	114	14	34	[illegible]	30	2	2	1200
129832	281	13	81	[illegible]	82	9	1	1700
129833	8	2	16	0.2	5	3	1	1600
129834	237	9	160	0.1	134	7	1	2900
129835	24	2	161	0.4	64	4	1	2100
129836	415	2	29	0.1	27	2	1	1500
129837	48	2	13	0.1	40	9	1	6600
129838	145	2	127	0.3	8	2	2	510
129839	91	7	108	0.4	8	2	1	920
129840	63	7	116	0.1	3	2	1	960
Data from 1989 :								
34750	43	14	11	0.8	39	2	2	6200
36051	302	2	91	0.3	2	2	11	na
36052	22	2	105	0.5	2	3	1	na
36053	48	8	109	0.3	15	2	2	na
36054	136	2	56	0.1	9	2	1	na
36055	75	4	84	0.3	6	2	1	na
36056	24	2	105	0.3	2	2	1	na
41076	10	2	99	0.2	3	2	1	na
41077	11	2	69	0.4	6	2	2	na
41078	25	2	76	0.1	2	2	1	na
41079	11	2	89	0.1	4	2	1	na
41080	5	2	9	0.2	6	2	2	na
41081	10	2	58	0.1	2	2	1	na
41082	13	2	103	0.2	2	2	1	na
41083	122	2	68	0.4	6	2	1	na
41084	62	3	79	0.2	3	2	1	na
41085	162	4	122	0.2	3	2	2	na
41086	197	5	480	0.2	2	2	1	na
41087	14	2	23	0.1	2	2	1	na
41088	50	2	251	1.0	2	2	2	na
41089	46	2	11	0.2	3	2	1	na
41090	96	2	183	0.2	2	3	1	na
41091	78	2	34	0.1	4	2	1	na
41092	279	6	45	0.2	3	4	2	na
41097	13	4	32	0.6	194	376	3	na
41098	8	2	2	0.1	7	11	1	na
41099	16	4	18	0.1	20	330	3	na
41100	8	2	2	0.1	16	16	1	na
41101	82	5	42	0.1	21	9	2	na
41102	67	2	38	0.1	33	2	1	na
41103	1	2	2	0.1	3	2	1	na
41104	10	3	11	0.1	44	3	1	na
41105	21	2	5	0.1	73	4	1	na
103505	48	5	36	0.3	86	3	181	1700
103526	107	6	159	0.3	26	24	13	14000
103527	89	5	33	0.3	23	12	3	8400
103905	12	108	32	1.3	108	2	24	40
103906	86	35	67	0.5	16	2	18	920
103907	76	10	62	0.5	29	2	6	2200
103908	60	4	60	0.3	6	2	3	1300
103909	60	4	46	0.1	7	2	3	2300
103910	41	5	92	0.4	8	2	1	70
103911	29	6	78	0.2	2	2	2	160
103913	89	3	211	0.1	8	2	2	90
103914	44	2	71	0.3	8	2	3	300
103915	3	2	2	0.2	2	2	3	120
104526	144	8	93	0.1	2	2	2	800
104527	104	12	59	0.4	21	3	3	3300
104529	13	4	105	0.1	2	2	4	160
104636	59	4	18	0.2	2	14	2	4000
104637	41	21	41	0.2	8	20	1	11400
104675	67	8	98	0.1	31	33	8	18000

SILT ANALYSES

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
105382	51	10	84	0.1	11	2	2	200
105383	183	5	131	0.1	7	3	4	1500
105384	64	2	105	0.2	23	20	5	1400
105385	78	8	153	0.1	10	2	2	380
105386	56	7	97	0.1	2	2	1	160
105387	86	6	125	0.1	2	4	2	250
105388	76	5	143	0.1	4	3	2	550
Data from 1989 :								
16463	66	4	130	0.2	6	na	10	na
16464	65	1	160	0.2	8	na	10	na
16465	69	4	160	0.4	12	na	10	na
21438	150	1	150	0.2	10	na	10	na
21439	90	4	160	0.2	8	na	10	na
21441	70	14	1400	1	52	na	10	na
21493	110	2	190	0.2	4	na	10	na
21494	52	2	110	0.2	1	na	10	na
21495	70	2	200	0.2	1	na	10	na
21496	66	2	110	0.2	1	na	10	na
21497	84	1	84	0.2	1	na	10	na
21498	84	1	84	0.2	4	na	10	na
21499	120	2	140	0.4	1	na	10	na
21500	110	2	160	0.4	1	na	10	na
103569	108	2	120	0.1	1	4	5	na
103912	93	22	144	0.5	98	2	29	170
104528	56	7	100	0.1	5	2	4	70
104530	80	4	125	0.1	6	2	3	280
104531	70	3	108	0.1	2	2	4	120
104665	95	12	145	0.3	7	2	6	460
104666	140	6	157	0.2	12	3	2	800
104667	113	16	671	0.2	29	3	8	720

HEAVY MINERAL CONCENTRATE ANALYSES

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
105436	160	1	430	0.2	na	na	5	na
105437	80	4	190	0.2	na	na	610	na
Data from 1989 :								
21434	46	1	90	0.2	na	na	10	na
21435	54	1	110	0.2	na	na	10	na
21436	62	1	86	0.2	na	na	10	na
21437	52	1	120	0.2	na	na	10	na
89234	94	4	260	0.2	na	na	10	na
89235	78	14	420	0.2	na	na	10	na
104670	82	24	280	0.6	na	na	2770	na
104672	152	52	520	0.6	na	na	440	na
104685	130	6	360	0.4	na	na	5	na
104686	130	8	520	0.2	na	na	70	na

SOIL ANALYSES

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
Data from 1989 :								
36011	174	19	182	0.1	41	33	1	na
36012	15	4	13	0.1	12	16	2	na
36013	30	11	54	0.2	33	70	1	na
36014	50	9	63	0.1	23	12	1	na
36015	155	14	143	0.1	16	2	2	na
36016	31	7	42	0.1	21	21	1	na
36017	75	12	101	0.1	24	16	1	na
36018	156	13	147	0.1	23	2	4	na
36019	233	13	195	0.1	36	2	2	na
36020	87	16	124	0.1	40	13	3	na
103506	141	15	162	0.5	119	25	5	15200
103507	258	11	150	0.1	44	14	3	5300
103508	82	5	74	0.1	130	17	2	5900
103509	54	15	64	0.1	63	28	4	15800
103510	68	11	83	0.2	40	20	1	15600
103511	72	18	83	0.4	62	18	32	8000
103512	128	12	104	0.1	47	12	2	6100
103513	272	13	252	0.1	47	7	1	4800
103514	176	11	123	0.1	286	26	1	6800
104650	144	7	130	0.1	8	2	8	110
104651	146	13	216	0.2	8	2	3	470
104652	184	6	179	0.2	20	2	3	2000
104653	237	8	185	0.1	19	3	2	2500
104654	152	11	114	0.1	42	10	4	2600
104655	120	7	111	0.1	30	9	1	3300
104656	181	12	138	0.1	71	12	8	1650
104657	116	12	105	0.1	40	13	3	3700
104658	75	6	83	0.1	8	3	1	800
104659	118	6	102	0.1	28	3	3	800
104660	126	6	101	0.1	25	9	3	2000
104661	156	10	143	0.1	26	4	4	2700
104662	229	9	188	0.2	15	5	7	1900
104663	216	12	305	0.2	10	2	8	800
104664	224	6	175	0.1	7	2	7	1100

MORE CREEK
SOIL ANALYSES

Sample #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
104392	70	4	87	0.2	15	6	5	20
104393	77	2	74	0.2	11	2	5	20
104394	74	6	107	0.2	5	2	5	10
104395	81	2	90	0.2	15	4	5	10
104396	61	4	103	0.2	8	4	5	80
104397	64	2	99	0.2	4	2	5	20
104398	79	3	96	0.2	6	2	5	30
104399	70	2	106	0.2	12	1	5	30
104400	59	2	104	0.2	4	1	5	30
104401	75	2	87	0.2	11	1	5	20
104402	64	20	160	0.2	13	6	5	120
104403	57	10	184	0.4	78	8	5	600
104404	55	23	159	0.2	74	12	5	1300
104405	129	5	132	0.2	23	2	5	400
104406	83	7	137	0.2	10	1	5	420
104407	78	9	142	0.4	15	1	5	120
104408	82	7	132	0.2	15	1	5	130
104409	73	6	153	0.2	11	2	5	80
104410	77	3	139	0.4	19	1	5	140
104411	54	5	134	0.2	19	1	5	80
104412	58	3	124	0.2	10	2	5	60
104413	44	2	120	0.2	7	4	5	50
104414	68	20	181	0.2	27	2	5	100
104415	43	9	153	0.2	10	1	5	50
104416	52	17	203	0.2	11	1	5	40
104417	36	21	203	0.2	13	2	5	80
104418	27	2	96	0.2	5	2	5	40
104419	43	2	117	0.2	16	1	5	30
104420	32	4	81	0.4	11	4	5	20
104421	52	5	106	0.2	12	1	5	30
104422	44	5	98	0.2	12	1	5	40
104423	29	2	49	0.2	7	1	5	30
104424	94	9	164	0.4	22	4	5	30
104425	111	15	130	0.2	12	1	5	20
104426	92	11	136	0.2	12	1	5	20
104427	66	22	243	0.2	21	1	5	30
104428	69	9	159	0.2	18	1	5	50
104429	26	8	92	0.2	13	1	5	120
104430	68	7	138	0.4	17	1	5	520
104431	77	7	129	0.2	23	4	5	180
104432	30	9	120	0.2	13	1	5	130
104433	42	10	134	0.2	14	1	5	110
104434	39	11	130	0.2	18	4	5	120
104435	32	8	117	0.2	19	1	5	180
104436	37	3	155	0.2	20	1	5	110
104437	49	3	161	0.2	9	1	5	190
104438	27	5	83	0.2	12	1	5	350
104439	21	3	73	0.4	6	1	5	110
104440	24	3	168	0.2	11	1	5	120
104441	34	11	178	0.2	13	4	5	100
104442	61	14	135	0.2	30	1	5	150
104443	62	12	131	0.2	22	1	5	50
104444	69	9	129	0.8	20	4	5	80
104445	94	10	111	1.4	15	2	5	40
104446	75	8	127	0.2	11	2	5	250
104447	50	12	115	0.2	13	1	5	110
104448	118	5	176	0.4	7	2	5	430
104449	184	8	566	0.6	15	2	5	1100
104450	47	4	117	0.4	15	2	5	260
104451	108	2	101	0.2	8	4	5	1400
104452	126	3	131	0.2	6	1	5	410
104453	170	2	209	0.2	12	2	5	4700
104454	238	2	270	0.2	29	2	5	6100
104455	109	2	151	0.2	5	1	5	4000
104456	184	2	135	0.2	7	2	5	540
104457	130	2	131	0.2	3	1	5	720
104458	102	3	139	0.6	4	1	5	1050
104459	152	2	128	0.2	12	4	5	2000
104460	126	2	128	0.2	10	2	5	1400
104461	63	2	134	0.2	7	1	5	290
104462	90	8	162	0.2	2	6	5	600
104463	31	6	140	0.2	2	1	5	80
104464	74	16	356	0.4	2	1	5	450
104465	41	9	163	0.6	2	1	5	180
104466	29	8	146	0.4	2	4	5	110
104467	53	2	153	0.2	2	2	5	520
104468	36	4	148	0.2	2	2	5	130
104469	48	10	192	0.4	6	2	5	150
104470	76	9	182	0.6	4	2	5	360
104701	71	6	88	0.2	3	1	5	30
104702	30	5	110	0.2	4	2	5	60
104703	25	8	99	0.4	3	1	5	80
104704	33	5	140	0.2	4	1	5	60
104705	66	4	131	0.2	5	1	5	30
104706	58	8	190	0.2	23	4	5	80
104707	51	4	136	0.2	2	1	5	60
104708	123	14	118	0.2	2	1	5	30
104709	87	10	136	0.2	14	1	5	80
104710	73	13	160	0.2	28	4	5	110
104711	108	12	119	0.2	5	1	5	30
104712	91	5	116	0.2	2	1	5	40
104713	77	6	150	0.2	8	1	5	60
104714	31	15	151	0.8	63	10	5	320
104715	25	9	90	0.6	44	8	5	650
104716	126	6	164	0.6	2	2	5	820
104717	170	2	138	0.2	2	1	5	240
104718	122	5	95	0.4	6	1	5	1500
104719	160	2	127	0.2	2	1	5	460
104720	151	3	139	0.2	3	1	5	1200
104721	86	4	174	0.2	2	2	5	240
104722	147	3	187	0.2	2	4	5	1600
104723	150	2	124	0.4	4	2	5	390
104724	156	3	133	0.2	2	2	5	90
104725	303	11	306	0.2	3	1	5	180
105853	55	3	139	0.4	3	2	5	2800
105854	63	8	162	0.2	7	4	5	5100
105855	110	2	100	0.2	2	1	5	1500
105856	184	12	207	0.4	7	2	5	2400
105857	299	12	217	0.2	3	1	5	600
105858	109	8	186	1.0	26	6	5	720
105859	60	12	196	1.0	12	4	5	1050
105860	68	12	279	1.6	10	2	5	880
105861	130	2	139	0.2	2	4	5	300
105862	138	6	209	0.6	2	2	5	230
105863	59	2	197	0.4	2	1	5	120
105864	72	5	175	0.4	2	1	5	190
105865	61	7	248	0.4	7	1	5	210
105866	79	7	310	0.8	2	4	5	550
105867	34	9	182	0.8	6	2	5	110
105868	61	6	175	0.4	18	6	5	310
105869	52	2	176	0.4	4	1	5	290
105870	35	2	133	0.4	5	1	5	180
105871	58	2	223	0.4	10	1	5	1300
105872	25	5	169	0.6	9	1	5	1600
105873	24	4	190	0.2	10	4	5	730
105874	42	2	170	0.4	9	1	5	430
105875	35	10	168	0.4	14	4	5	5600
105926	69	6	179	0.6	15	4	5	1600
105927	38	8	185	0.4	13	2	5	3400
105928	38	4	240	0.2	14	4	5	5500
105929	27	10	200	1.0	6	4	5	730
105930	66	3	229	0.8	13	2	5	1500
105931	70	2	136	0.4	10	4	5	710
105932	148	2	145	0.2	5	1	5	370
105933	95	3	136	0.4	6	1	5	760
105934	90	2	80	0.2	2	1	5	730
105935	163	2	139	0.2	2	2	5	500
105936	96	2	108	0.2	2	1	5	2100
105937	150	2	129	0.2	2	1	5	600
105938	138	2	129	0.2	2	1	5	1100
105939	109	12	128	0.2	6	1	5	100
105940	48	8	133	0.4	2	1	5	150
105941	59	7	102	0.2	2	1	5	110
105942	42	10	135	0.2	2	1	5	90
105943	82	7	140	0.2	10	1	5	220
105944	71	12	100	0.2	4	1	5	70
105945	94	10	114	0.2	5	1	5	160
105946	85	8	124	0.2	6	1	5	220
105948	112	12	164	0.2	7	1	5	1900
105949	115	2	119	0.2	2	2	5	500
105950	203	6	241	0.2	4	1	5	3500
106775	59	5	114	0.2	6	1	5	40
106777	65	12	272	0.4	19	4	5	100
106778	61	7	127	0.4	16	1	5	150
106779	57	11	196	0.4	39	9	5	500
106780	67	12	134	0.2	14	6	5	120
106781	63	15	169	0.4	15	4	5	380
106782	69	20	167	0.4	12	1	5	110
106783	55	10	135	0.2	28	1	5	160
106784	46	4	133	0.2	36	4	5	220
106785	49	7	150	0.2	23	2	5	300
106786	57	9	118	[illegible]	25	2	5	320
106787	56	18	151	0.4	20	2	5	180
106788	59	23	172	0.2	26	4	5	240
106789	57	24	156	0.2	27	2	5	390
106790	81	8	214	0.6	22	2	5	190
106791	63	7	242	0.6	18	2	5	70
106792	123	2	212	1.0	16	6	5	410
106793	121	4	275	1.2	17	2	5	280
106794	78	4	388	2.8	25	6	5	130
106795	48	2	157	1.6	12	6	5	100
106796	115	2	233	6.4	14	2	5	90
106797	133	6	343	3.6	20	4	5	70
106798	65	7	135	0.2	10	2	5	80
106799	64	3	122	0.2	6	6	5	60
106800	71	5	195	0.2	10	4	5	220
106801	54	2	106	0.2	9	1	5	110
106802	35	3	91	0.2	7	1	5	70
106803	73	2	127	0.2	16	4	5	80
106804	35	2	70	0.4	5	2	5	60
106805	21	2	31	0.4	3	2	5	na
106806	39	2	46	0.4	7	4	5	50
106807	84	2	128	0.2	9	1	5	70
106808	87	3	166	0.4	17	1	5	90
106828	55	5	179	0.4	25	2	5	300
106829	21	16	131	0.6	58	12	5	240
106830	26	16	105	0.6	83	10	5	350
106831	14	15	41	0.8	30	12	5	850
106834	138	7	139	0.4	15	2	5	2000
106835	179	2	98	0.2	4	4	5	840
106836	87	2	95	0.2	2	1	5	1300
106837	182	5	162	0.2	2	1	5	400
106838	429	6	215	0.2	12	1	5	1000
106839	240	9	140	0.4	2	3	5	1100
106841	203	4	126	0.2	2	1	5	410
106842	194	2	118	0.2	2	1	5	450
106844	215	2	129	0.4	2	1	5	540
106845	83	3	58	0.2	3	2	5	3800
106846	87	7	52	0.2	21	2	5	2500
106847	80	3	49	0.4	12	6	5	2300
106848	173	2	153	0.2	8	1	5	520
106849	66	3	60	0.2	13	4	5	4600
106850	114	2	100	0.4	8	4	5	3400
106929	158	2	125	0.2	2	1	10	150
106930	179	7	276	0.2	6	1	5	890
106931	49	6	244	0.2	9	1	5	320
106932	49	6	181	0.2	4	1	5	560
106933	52	5	193	0.2	[illegible]	1	5	1400
128776	75	3	139	0.2	[illegible]	4	5	170
128777	87	2	127	0.2	[illegible]	9	5	350
128778	102	4	123	0.2	[illegible]	2	5	190
128779	55	10	159	0.2	11	1	5	140
128780	92	15	361	1.4	17	8	5	100
128781	151	5	171	0.2	10	1	5	230
128782	214	2	174	0.2	19	1	5	210
128783	234	8	197	0.4	12	1	5	520
128784	173	5	175	0.2	11	1	5	200
128785	70	13	144	0.2	10	1	5	130
128786	63	8	122	0.2	10	1	5	90
128787	48	11	151	0.2	7	1	5	60
128788	42	7	126	0.2	3	2	5	50
128789	45	8	135	0.2	3	4	5	40
128790	62	11	134	0.2	9	2	5	80
128791	150	7	150	0.2	17	1	5	120
128792	156	6	188	0.2	30	4	5	170
128793	205	8	182	0.2	22	3	5	80
128794	240	12	183	0.2	26	1	5	100
128795	224	8	190	0.2	14	1	5	70
128796	29	5	97	0.4	4	2	5	60
128797	19	6	66	0.2	5	1	5	50
128798	40	4	129	0.2	9	6	5	30
128799	54	6	113	0.2	4	1	5	100
128800	54	3	121	0.2	13	6	5	60
128801	50	3	154	0.2	7	4	5	70
128802	49	2	100	0.2	3	1	5	50
128803	34	6	139	0.2	6	8	5	60
128804	72	4	137	0.2	17	1	5	40
128805	65	2	116	0.2	5	4	5	50
128806	78	2	131	0.4	3	6	5	30
128807	87	2	155	0.4	9	1	5	80
128808	66	7	176	0.2	8	1	5	110
128809	187	4	189	0.2	10	8	5	270
128810	229	7	172	0.2	23	2	5	260
128811	183	2	169	0.2	14	5	5	230

LEGEND

Symbols

- ⊗ Float Sample Location
- ▲ Heavy Mineral Concentrate
- Silt Sample Location
- • Soil Sample Location
- x Rock Sample Location

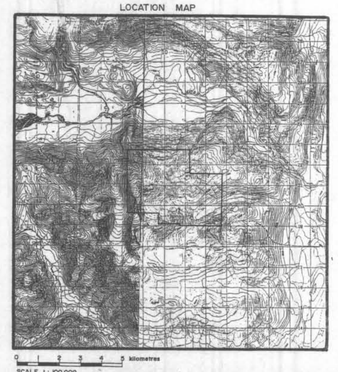
GEOLOGICAL BRANCH ASSESSMENT REPORT

21,311

0 100 200 300 400 500 metres
SCALE 1:5000

REVISED	MORE CREEK
P.J.L. DEC. 20/90	
	Sample Location Map
PROJ. No. 291	SURVEY BY: E.G., M.S. DATE: AUG. 1990
N.T.S. 104G/L2	DRAWN BY: SCAN AutoCAD(S.K.B.) SCALE: 1:5000
DWG. No. 4	NORANDA EXPLORATION OFFICE: PRINCE GEORGE B.C.

LOCATION MAP



0 1 2 3 4 5 kilometres
SCALE 1 : 100,000

MAIN GOSSAN

see Fig 7 for Detail

LCP WD-1 · LCP WD-2 · LCP SINTER-1 · LCP SINTER-2 · LCP BILL-2

LEGEND

Geology

Upper Triassic - Stuhini Group

3 Grey, finely crystalline bedded to massive limestone

2 Sediments

- 2a Dull grey-green, fine grained volcanic wacke, bedded
- 2b Grey bedded siltstone
- 2c Black, bedded, laminated argillite

1 Volcanics

- 1a Andesitic to basaltic coarse breccia and agglomerate
- 1b Andesitic crystal ash tuff (possibly some wacke)
- 1c Andesitic crystal lithic tuff
- 1d Vesicular, amygdaloidal basalt flows

Symbols

- Geological Contact
- Fault
- Bedding Orientation
- Vein Orientation
- Outcrop
- Main Gossan
- Limits of moraine, outwash cover
- Weakly gossaned areas - bleached, brecciated, silicified and pyritic rocks with quartz-carbonate veining

0 100 200 300 400 500 metres
SCALE 1:5000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

MORE CREEK
Property Geology Map

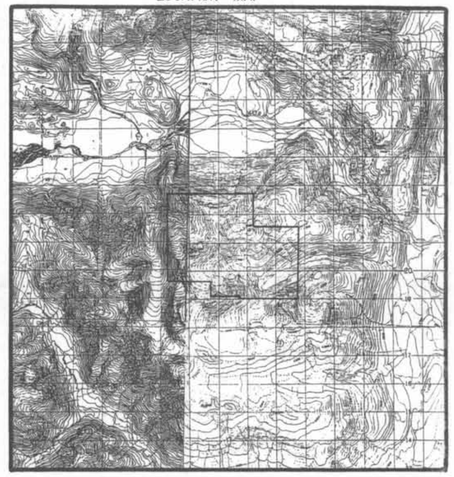
PROJ No. 276
N.T.S. 104G/5E
DWG. No. 5

SURVEY BY: E.G., M.S. DATE: AUG. 1990
DRAWN BY: SCAN AutoCAD(R)(C)(R) SCALE: 1 : 5000

NORANDA EXPLORATION
OFFICE: PRINCE GEORGE B.C.

REVISED
P.U.L. DEC 17/90

LOCATION MAP



0 1 2 3 4 5 kilometres

SCALE 1 : 100,000

MORE CREEK MAIN GOSSAN

ROCK ANALYSES

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	Hg ppb
105876	48	8	34	0.1	20	2	4	1500
105877	73	10	48	0.1	19	2	5	1000
105878	89	10	87	0.1	13	2	5	2100
105879	85	5	39	0.1	86	2	2	2200
105880	48	5	18	0.2	57	2	3	1900
105881	81	6	103	0.2	8	2	1	560
105882	95	4	81	0.3	9	2	2	1100
105883	78	4	84	0.1	9	2	2	760
105884	113	6	84	0.1	9	2	3	580
105885	113	13	78	0.1	32	2	3	1000
105886	108	11	58	0.1	19	2	3	1300
105887	78	8	75	0.1	12	2	3	1900
105888	108	5	64	0.1	41	2	4	2500
105889	65	2	34	0.1	5	2	2	1800
105890	128	11	79	0.2	5	2	2	560
105891	131	8	74	0.2	11	2	3	650
105892	127	9	92	0.2	11	2	3	1100
105893	151	11	112	0.2	9	2	3	1000
105894	151	11	112	0.1	8	2	3	540
105895	121	9	81	0.1	9	2	3	1600
105896	126	6	79	0.1	6	2	2	1600
105897	137	5	84	0.1	16	2	2	1500
105898	155	9	97	0.1	8	2	3	1400
105899	123	10	79	0.1	8	2	3	1500
105900	92	3	71	0.2	13	2	3	1900
105901	108	8	69	0.1	15	2	3	1900
105902	108	4	85	0.1	13	2	3	1500
105903	81	5	56	0.1	23	2	3	1700
105904	142	5	70	0.1	7	2	3	1500
105905	135	5	73	0.1	7	2	4	1100
105906	97	9	89	0.2	45	2	4	1300
105907	98	5	56	0.1	52	2	3	1900
105908	92	5	103	0.1	53	2	3	1900
105909	53	3	52	0.1	7	2	3	1900
105910	92	5	92	0.1	12	2	3	1900
105911	108	5	67	0.1	7	2	3	1050
105912	116	4	75	0.1	13	2	1	890
105913	66	28	112	0.1	127	2	3	1600
105914	103	5	121	0.1	28	2	3	1500
105915	85	3	73	0.1	26	2	3	1200
105916	73	5	49	0.2	44	2	2	2000
105917	77	3	35	0.1	56	2	3	1900
105918	113	2	41	0.1	38	2	3	2400
105919	79	4	61	0.1	39	2	3	1500
105920	50	3	39	0.1	51	2	3	2300
105921	25	6	3	0.2	51	2	2	2300
105922	14	3	3	0.1	11	2	3	1500
105923	139	4	84	0.1	83	2	3	1500
105924	139	4	84	0.1	83	2	3	1500
105925	80	5	110	0.1	44	2	3	2300
105926	84	5	164	0.1	52	2	3	2300
105927	44	3	73	0.3	52	2	3	1800
105928	66	4	88	0.1	7	2	3	1500
105929	54	5	59	0.1	7	2	3	1700
105930	54	5	59	0.1	8	2	3	1800
105931	77	5	53	0.1	42	2	3	2500
105932	97	5	41	0.1	23	2	2	2300

LEGEND

105878 Rockchip Sample Interval

Soil Sample Location

Talus Sample Location

GEOLOGICAL BRANCH ASSESSMENT REPORT

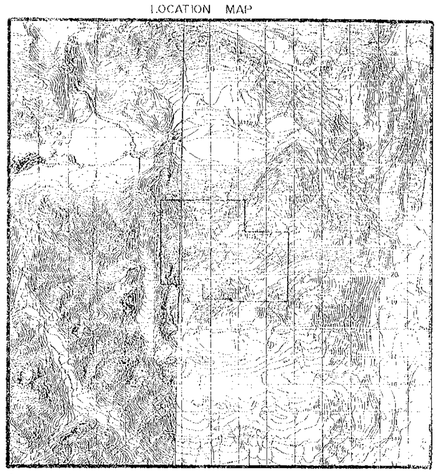
21,311

0 50 100 200 300 metres

SCALE 1:2,500

REVISED	MORE CREEK GRID
	SAMPLE LOCATION MAP
PROJ. No. 291	SURVEY BY: E.G. DATE: NOV. 1990
N.T.S. 104G/2E	DRAWN BY: P.J.L. SCALE: 1:2,500
DWG. No. 6	**NORANDA EXPLORATION**
	OFFICE: PRINCE GEORGE, B.C.

LOCATION MAP



0 1 2 3 4 5 kilometres
SCALE 1 : 100,000

L 9975 E
L 10,000 E
L 10,025 E
L 10,050 E
L 10,075 E
L 10,100 E
L 10,125 E
L 10,150 E
L 10,175 E
10,150 N
10,100 N
10,050 N
B/L 10,000 N
9,950 N

ICE

LEGEND

Geology

1. Volcanics — ufrva
   - 1a. Andesite
   - 1b. Crystal Ash Tuff
   - 1c. Crystal Lithic Tuff
2. Sediments — ufrwp
   - 2a. Grey wacke
   - 2b. Shale, siltstone
   - 2c. Argillite

Abbreviations

arg	Argillic Alteration	carb	Carbonate Alteration; calcite veins
chl	Chloritic Alteration	qv	Quartz veins
qtz	Quartz	Δ,brx	Breccia
py	Pyrite		

Symbols

- Fracture Orientation
- Vein Orientation
- Bedding Orientation
- approx. limit of intense pyrite mineralization
- approx. limit of chloritic alteration facies
- approx. limit of argillic alteration facies

0 10 20 30 40 metres
SCALE 1 : 500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

REVISED

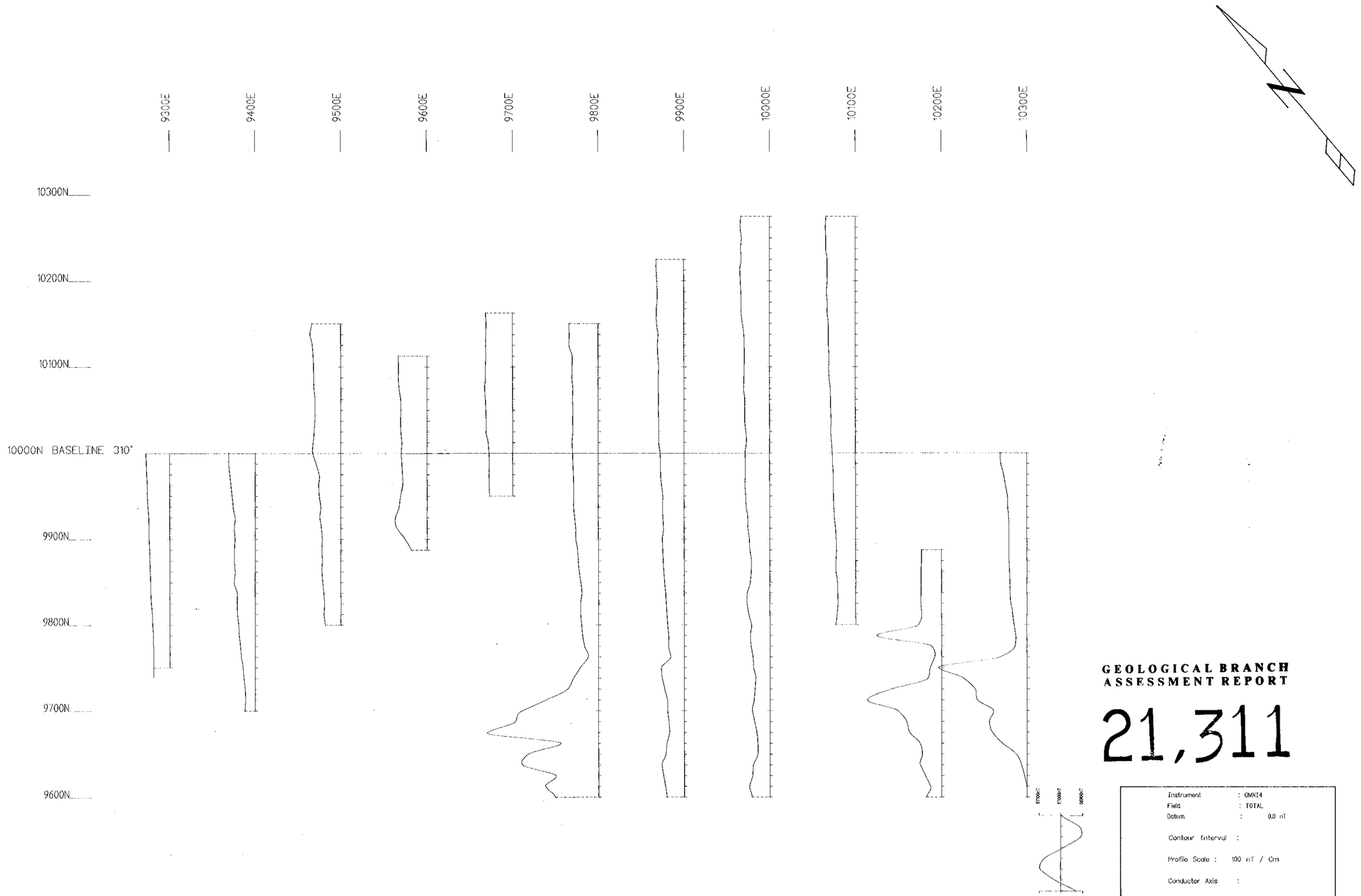
MORE CREEK PROPERTY

Detailed Geology Map

PROJ. No. 254
N.T.S. 104G/7 W
DWG. No. 1

SURVEY BY: E.G. DATE: AUG 1990
DRAWN BY: P.J.L. SCALE: 1:500

NORANDA EXPLORATION
OFFICE PRINCE GEORGE, B.C.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

Instrument : OMNI4
Field : TOTAL
Datum : 0.0 nT

Contour Interval :

Profile Scale : 100 nT / Cm

Conductor Axis :

50m 25m 0m 50m 100m

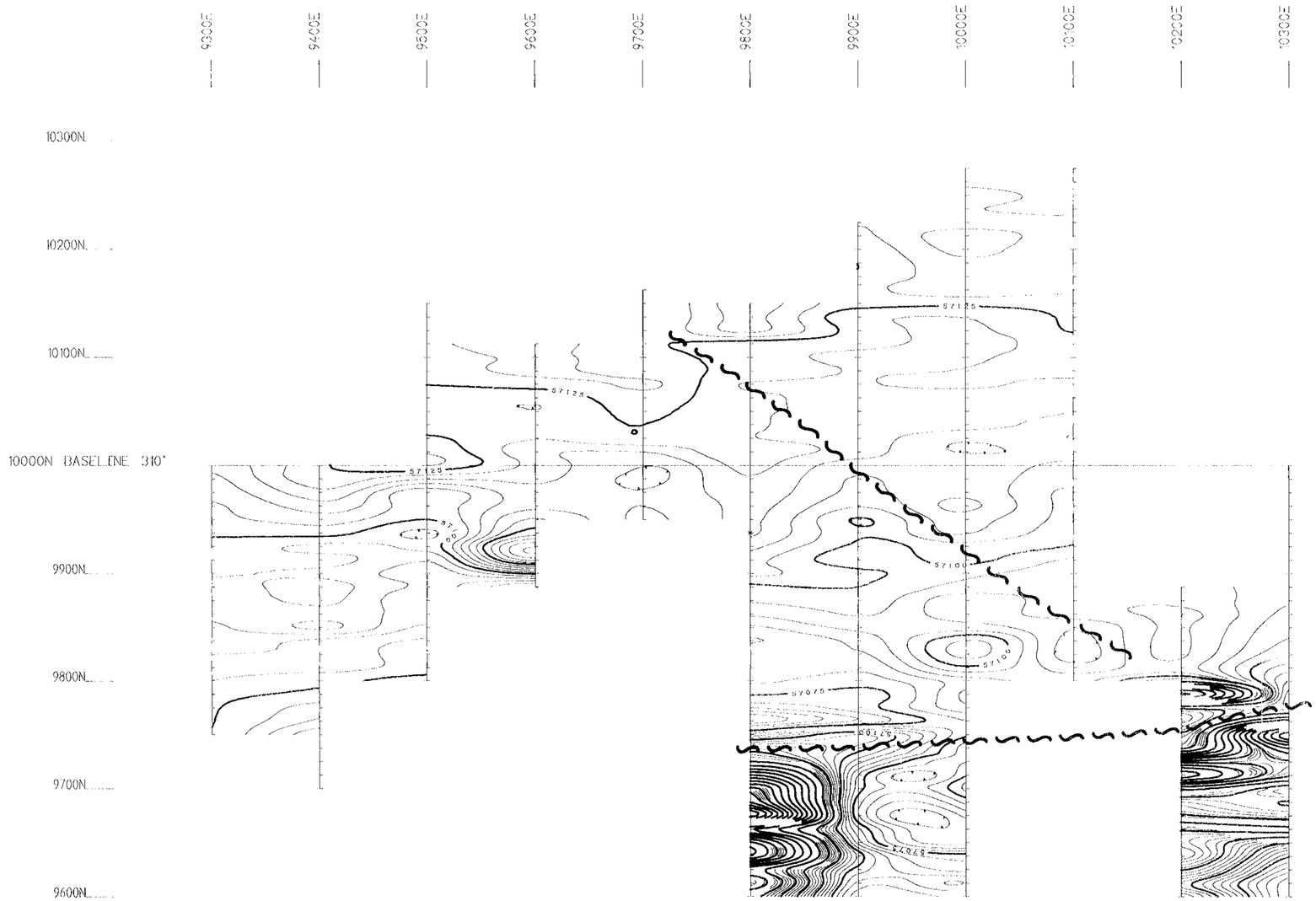
MORE CREEK

MAGNETOMETER SURVEY

PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 310 Deg.

SCALE = 1 : 2500 DATE : 9/ 7/90
SURVEY BY : TW/CC NTS :
FILE: Mmore

FIG. 8 **NORANDA EXPLORATION**



Magnetic Break

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

Instrument	: OMNI4
Field	: TOTAL
Datum	: 0.0 nT
Contour Interval	:
Conductor Axis	:

50m 25m 0m 50m 100m

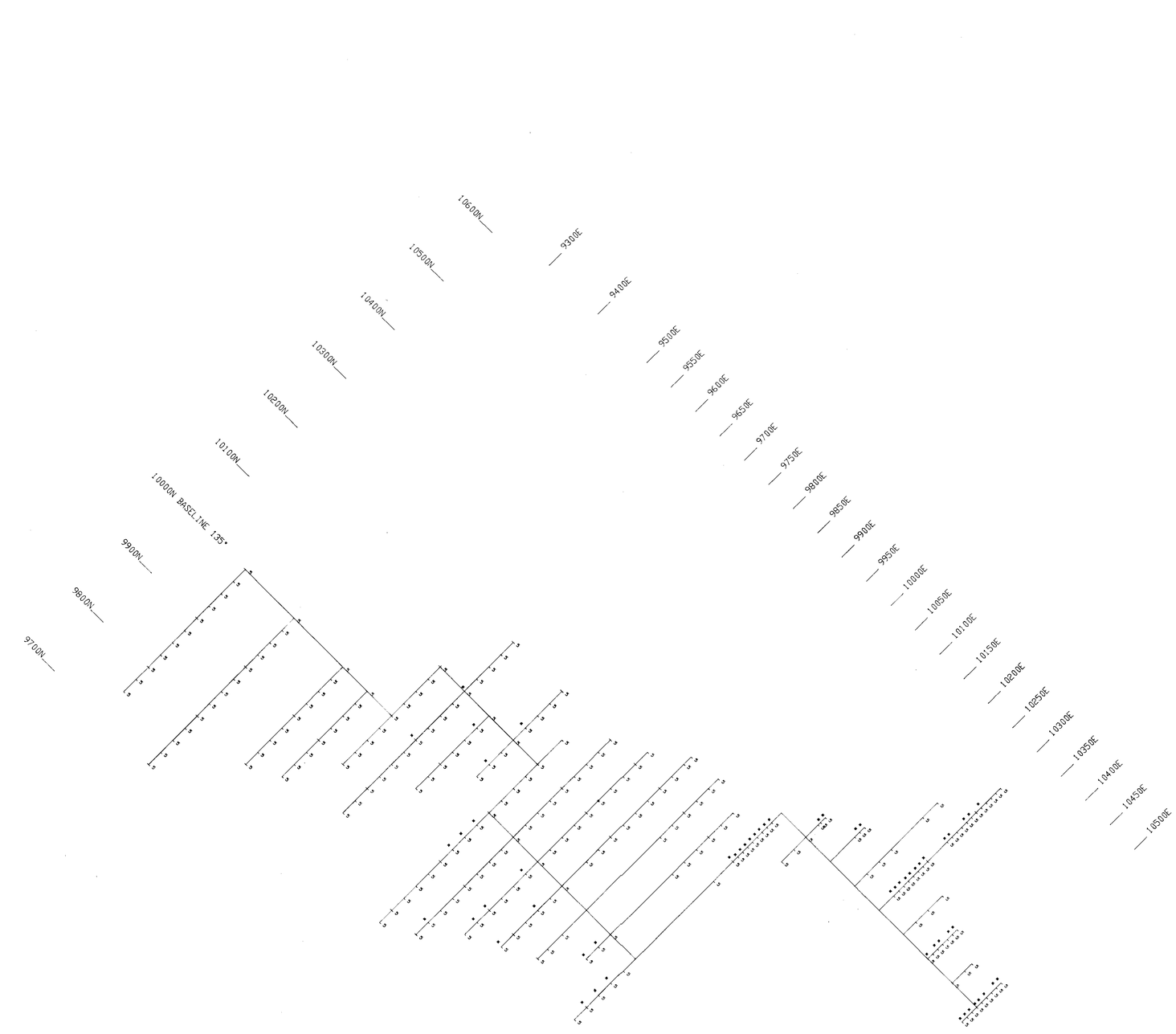
MORE CREEK

MAGNETOMETER SURVEY

PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 310 Deg.

SCALE = 1 : 2500 DATE : 9/ 7/90
SURVEY BY : TW/CC NTS :
FILE: Mmore

FIG. 9 NORANDA EXPLORATION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

50m 25m 0 50m 100m

MORE CREEK

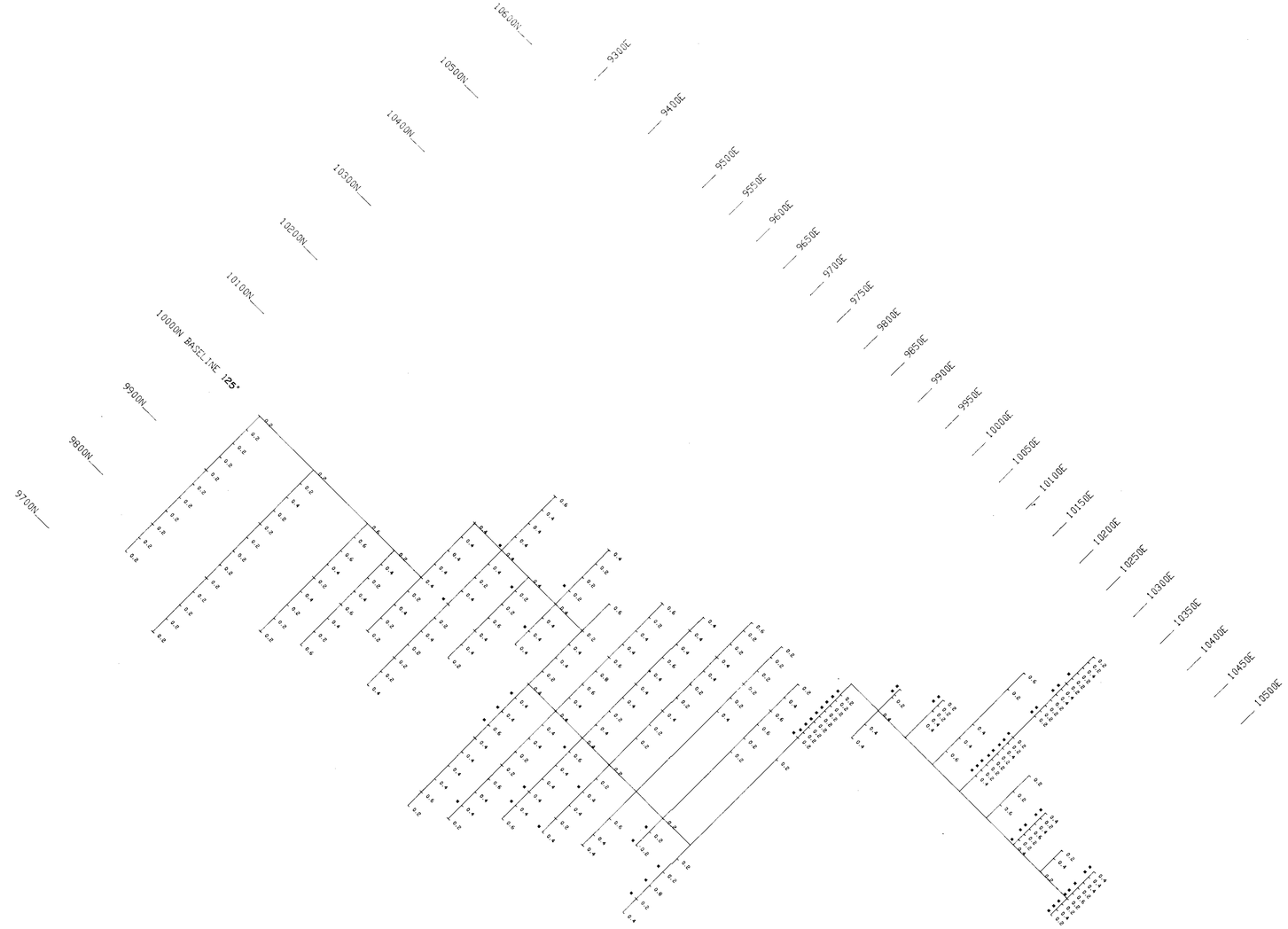
SOIL GEOCHEMICAL SURVEY
PPB Au

PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 135 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR

FIG. 10 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

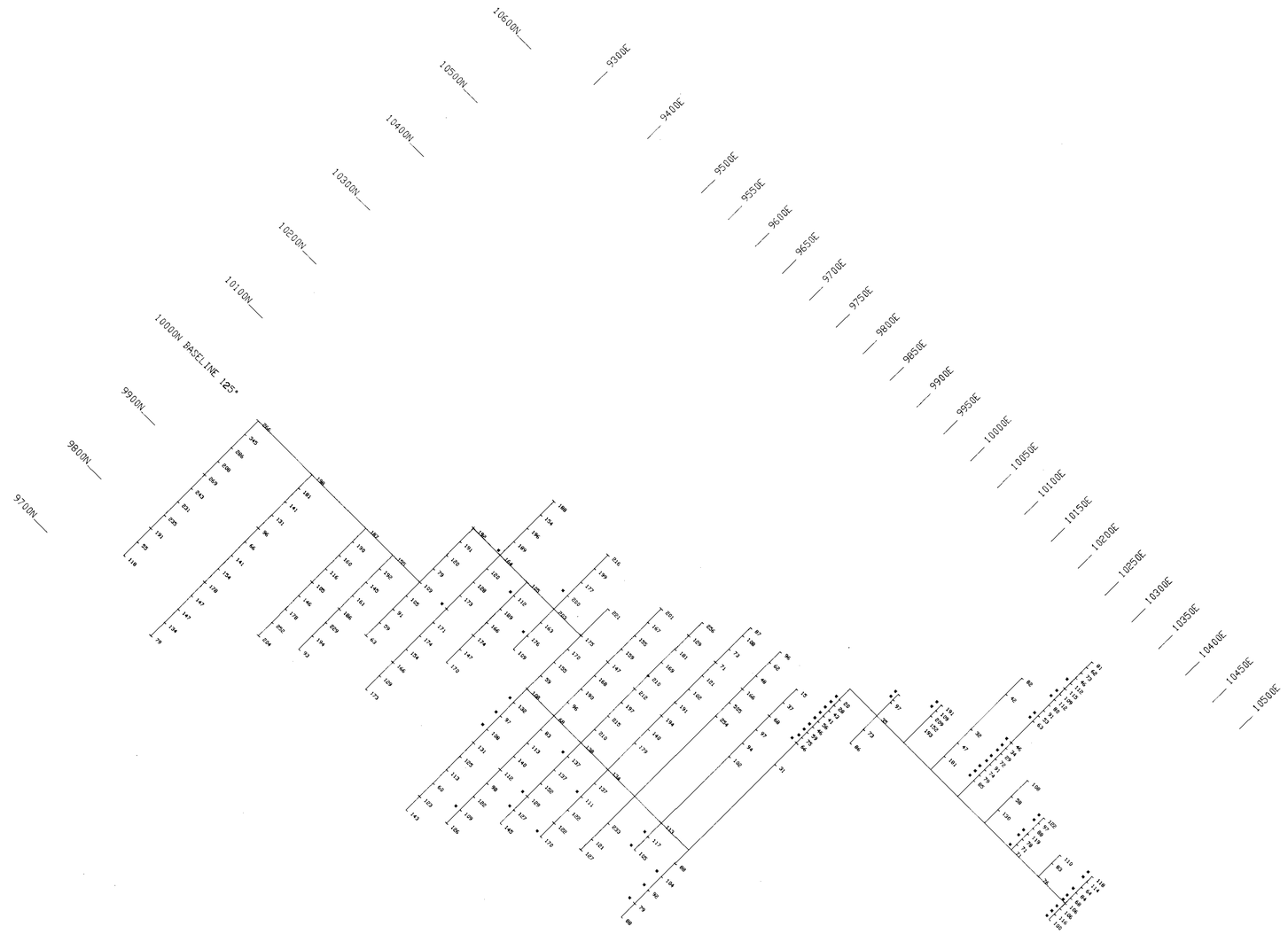
MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPM Ag
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR

FIG. 11 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.



N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

10m 25m 0m 50m 100m

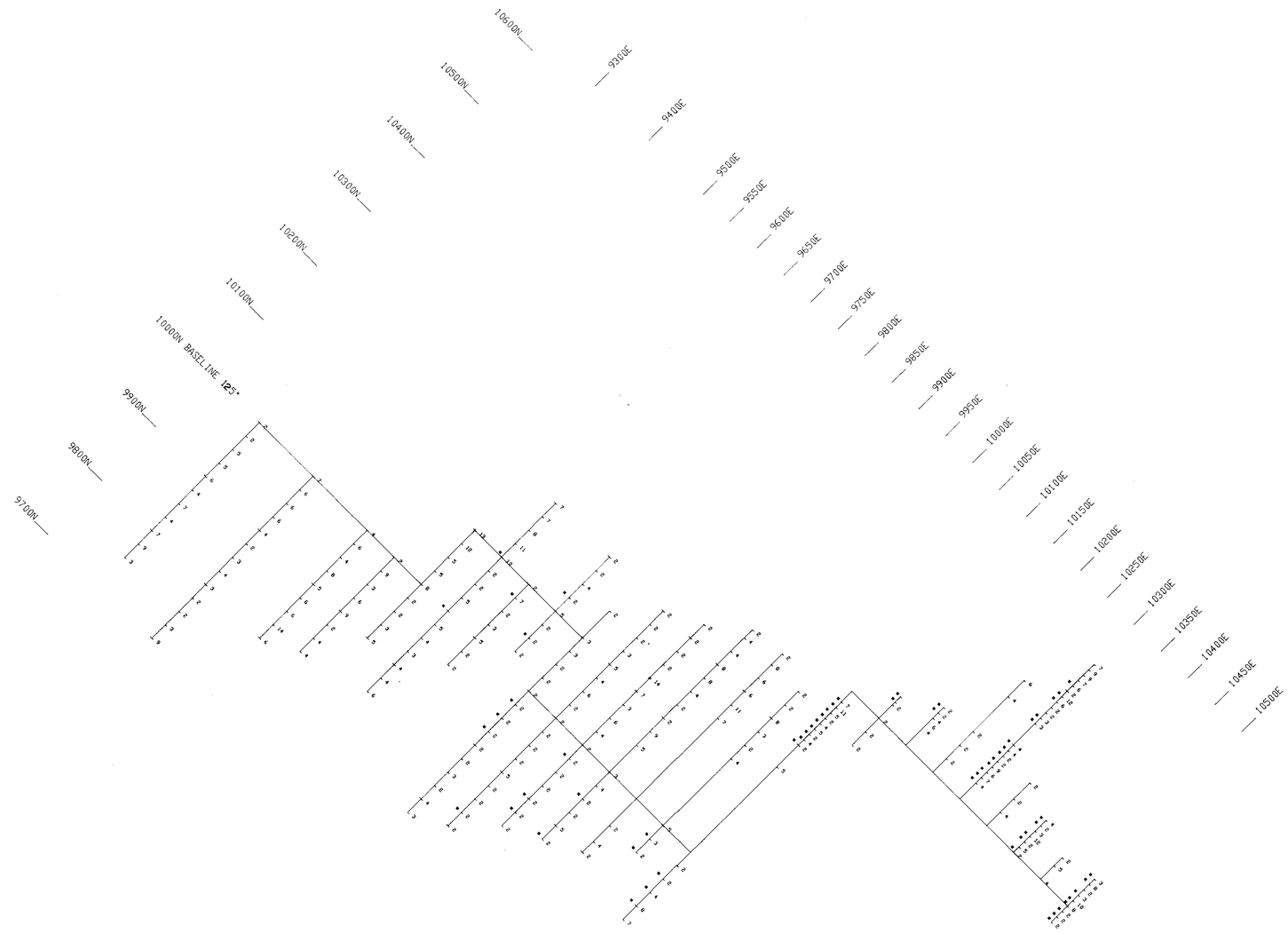
MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPM Cu
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR

FIG. 12 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

0m 25m 50m 100m 150m

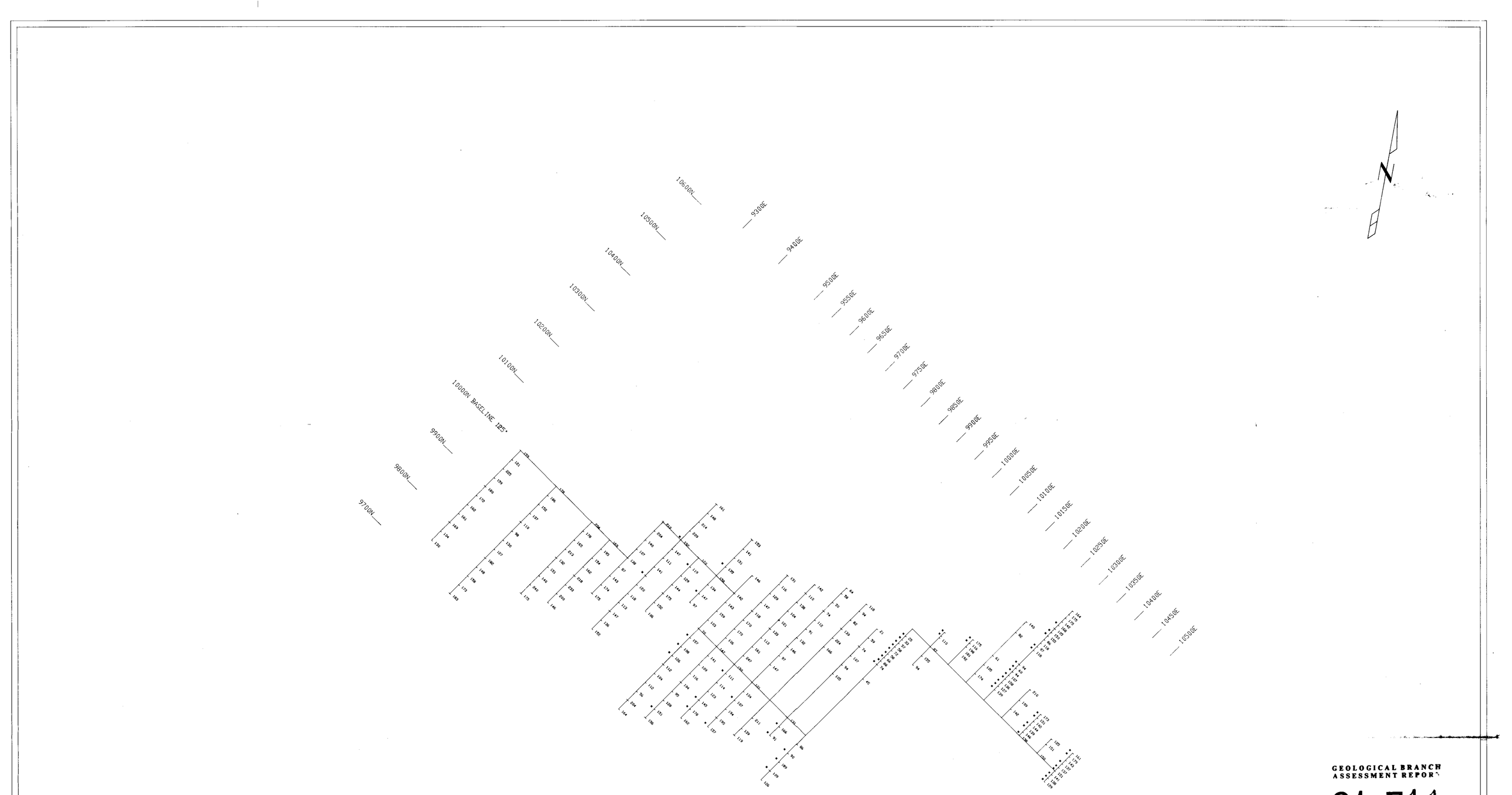
MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPM Pb
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR

FIG. 13 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

10m 25m 0m 50m 100m

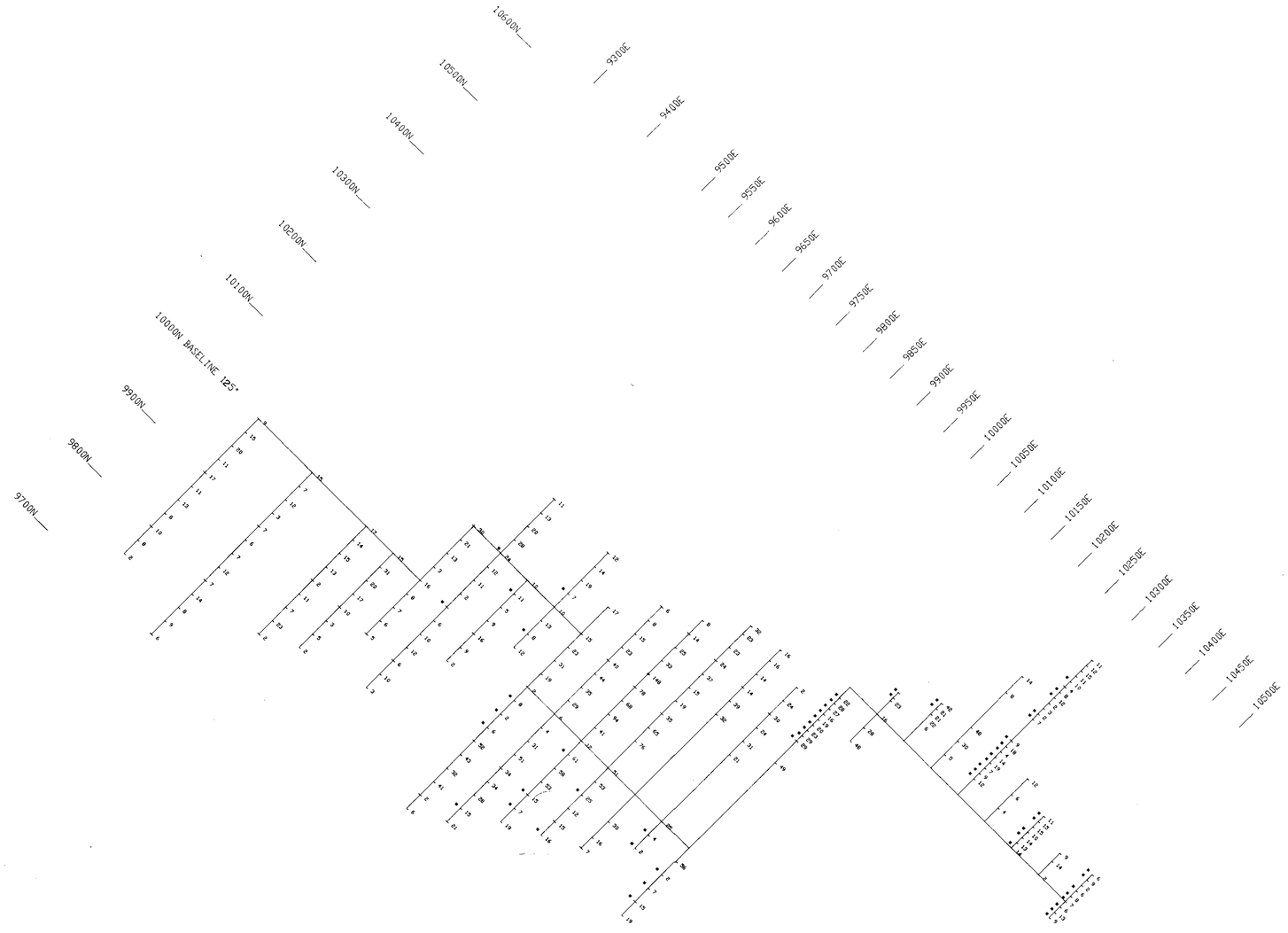
MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPM Zn
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M GAVELL NTS :
FILE: C291MOR

FIG. 14 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.



N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

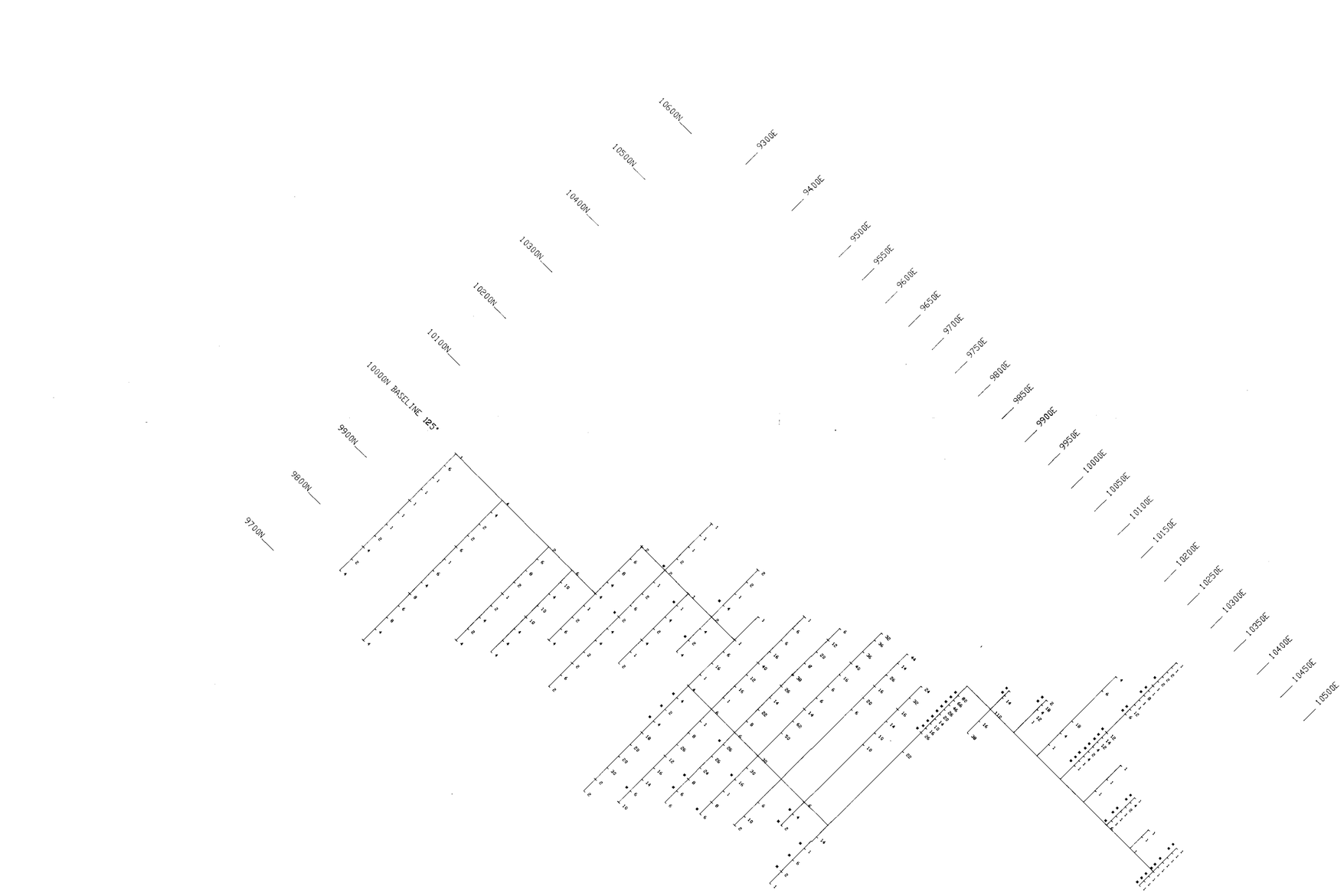
0m 25m 50m 75m 100m

MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPM As
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR
FIG. 15 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

Denotes Coarse Sample

MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPM Sb
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR

FIG. 16 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.

10600N
10500N
10400N
10300N
10200N
10100N
10000N BASELINE 125°
9900N
9800N
9700N

930E
940E
950E
955E
960E
965E
970E
975E
980E
985E
990E
995E
1000E
1005E
1010E
1015E
1020E
1025E
1030E
1035E
1040E
1045E
1050E

WD-1
WD-2

Cliff Edge

Mag Break No. 2

Mag Break No. 1

Main Gossan

Gossan Boundary

Moraines, outwash

Moraines, outwash

Moraines, outwash

ICE

ICE

ICE

ICE

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,311

• Denotes Coarse Sample

10m 20m 0m 50m 100m

noranda
NORANDA EXPLORATION CO. LTD.

MORE CREEK

SOIL GEOCHEMICAL SURVEY
PPB Hg
PROJECT: MORE CREEK PROJECT # : 291
BASELINE AZIMUTH : 125 Deg.

SCALE = 1: 2500 DATE : 8/ 8/90
SURVEY BY : M SAVELL NTS :
FILE: C291MOR

FIG. 17 NORANDA EXPLORATION