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ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL
AND
GEOPHYSICAL SURVEYS
ON THE
JL 1, JL 2, KL 1 MINERAL CLAIMS
AND THE
MARY REYNOLDS/GOLD CUP, ROBERT DUNSMUIR
REVERTED CROWN GRANTS

NICOLA MINING DIVISION
Latitude 50°20'N, Longitude 120°20'W

N.T.S. 92I/08W

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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DATE : February 1988

17,163

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1.0 INTRODUCTION

This assessment report encompasses the geological, geochemical and geophysical surveys that were conducted on the Loranger Claim Group (JL 1, JL 2, KL 1 mineral claims and Mary Reynolds/Gold Cup, Robert Dunsmuir reverted crown grants) located in the Nicola Mining Division.

The work was done from May 1, 1987 to May 21, 1987 and June 28, 1987 to July 18, 1987.

The main purpose of the work was to evaluate the precious metal potential on the property with particular attention paid to the northeast trending epithermal structure located in the central portion of the claims.

1.1 Location and Access (Drawing #1)

The property, centered at 50°20' North latitude, 120°20' West longitude, is located approximately 38 kilometers south of the City of Kamloops, British Columbia, and 3 kilometers southeast of Stump Lake.

Excellent access is available to the southern edge of the claims via Peter Hope Lake Road which leaves east from Highway 5 three kilometers south of Stump Lake. Once within the claim boundary several unimproved dirt roads provide access to most of the property.

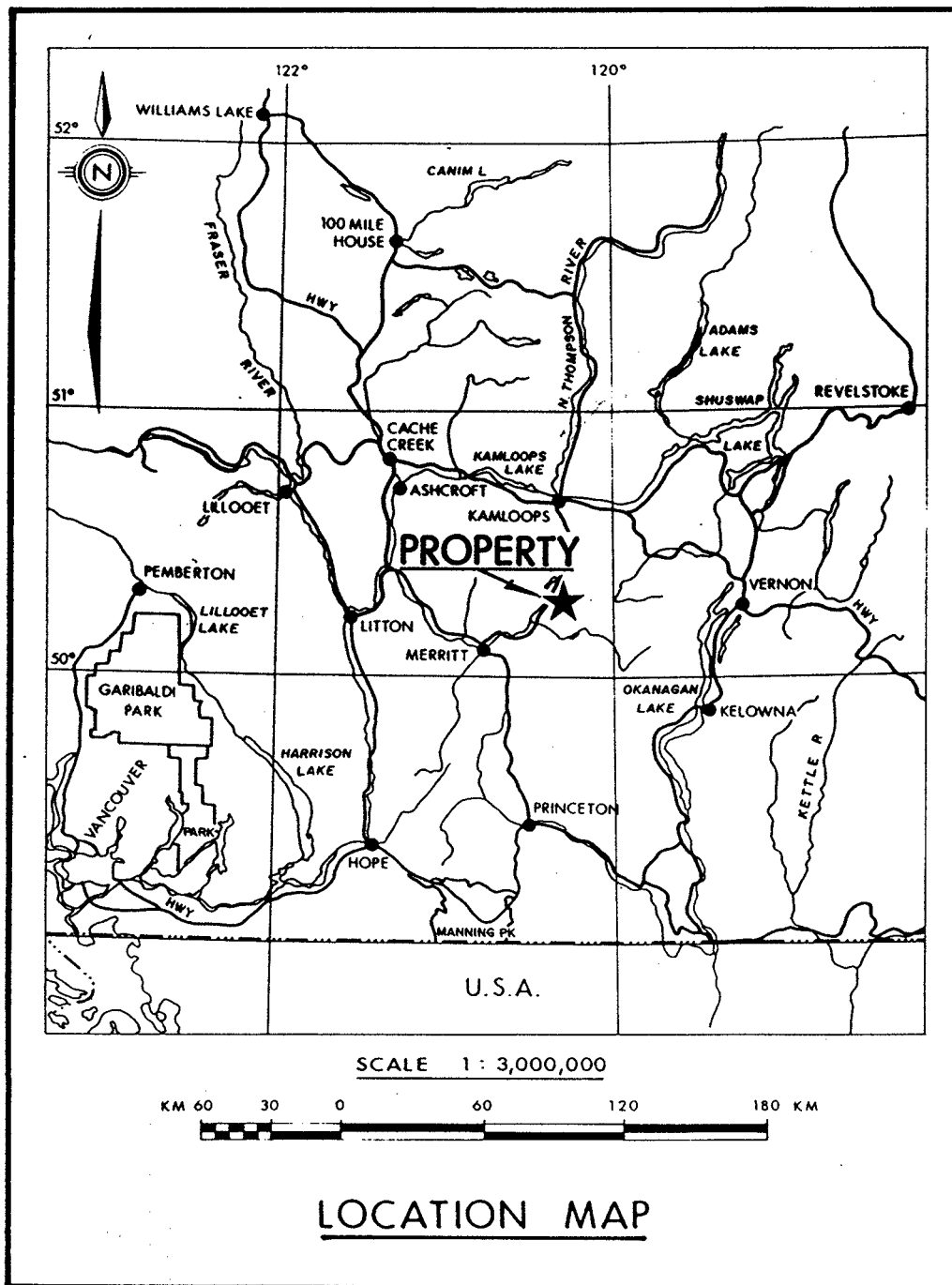
1.2 Topography and Physiography

The topography on the property is generally rolling with a preferred north-northeast bias. Elevations range from 1000 meters to 1250 meters a.s.l.

Vegetation mainly consists of an open to moderately dense growth of jackpine, fir and cypress with little or no underbrush. There are several grassland areas which are used for grazing cattle.

For the most part overburden is quite thin on slopes and hill tops and quite thick in the valleys and grasslands. Rock exposure is about 15% to 20% in the gridded area of the claims.

Water is not plentiful in this area and may pose a problem in drilling programs.



LOCATION MAP

REVISED	ROCHESTER OPTION	
	<u>LOCATION MAP</u>	
PROJ.No. <u>0169</u>	SURVEY BY: <u>G.S.</u>	DATE: <u>Jan./88</u>
N.T.S. <u>92I/8</u>	DRAWN BY: <u>P.J.A.</u>	SCALE: <u>1:3,000,000</u>
DWG.No.	NORANDA EXPLORATION	
1	OFFICE: <u>VANCOUVER</u>	

1.3 Previous Work

¹"The property was first referenced in the Annual Report of the B.C. Ministry of Mines for 1887, and was examined by G.M. Dawson in 1894. In 1889, there were reportedly three shafts on the same vein (100 feet, 75 feet and 30 feet deep) and a small quantity of ore was shipped to San Francisco.

The area was dormant until 1918-1919, when considerable development work was done. At least 250 feet of underground drifting and raising was completed and a new "vein" was discovered some 150 feet west of the original vein. A total of 130 tons of selected ore was shipped to the smelter. This material reportedly assayed 51.2 ounces silver, 0.143 ounces gold, 1.4% lead, and 2.4% zinc per ton.

During the period 1928 to 1934, the property was controlled by the Primary Ore Mining Company Ltd. During this period, considerable surface prospecting and test pitting was done, as well as about 300 feet of tunnelling and shaft sinking. Several shallow diamond drill holes were bored north and south of the main workings, and in one case, delineated at least three parallel quartz veins.

There is no reported activity on the property until 1972, when it was controlled by Pine Valley Explorers Ltd. Over the following six years, various geochemical and geophysical surveys were performed as well as minor underground rehabilitation. A primitive mill was constructed; however, the company ran out of funds in about 1980.

The property was dormant until 1984 when portions of it were acquired by Mr. L. Loranger of Kamloops. Mr. Loranger carried out detailed prospecting as well as limited VLF-EM and geochemical surveys and located a new showing, some 3000 feet north of the main area of old workings. The final claims in the package were acquired by Loranger in April 1986, and the entire property was optioned to Rochester Minerals Inc. in October 1986."

Noranda Exploration optioned the property from Rochester Minerals Inc in April, 1987.

¹ James M. Dawson, 1986 Report on Stump Lake Property, pp 6, Lines 1 to 26.

1.4 Claim Status

The property listed in Table #1 is a contiguous block of claims consisting of three mineral claims and three reverted crown grants (see Drawing #2):

TABLE #1: LIST OF CLAIM INFORMATION

CLAIM NAME	Units	Tag #	Lot #	Record #	Anniversary Date
JL 1	16	107290		1662	December 30
JL 2	2	107291		1663	December 30
KL 1	16	79204		1483	March 16
Robert Dunsmuir	1		673	1669	April 07
Mary Reynolds	1		674	1670	April 07
(Gold Cup)			675	1670	April 07
TOTAL	36				

The reverted crown grants are located wholly within the JL 1 mineral claim.

The claims which are 100% owned by Leo Loranger, 6545 Beaver Crescent, Kamloops, B.C. were optioned to Rochester Minerals Inc.

Noranda Exploration Company, Limited (no personal liability), 1050 Davie Street, Vancouver, B.C. has in turn optioned the property from Rochester Minerals Inc.

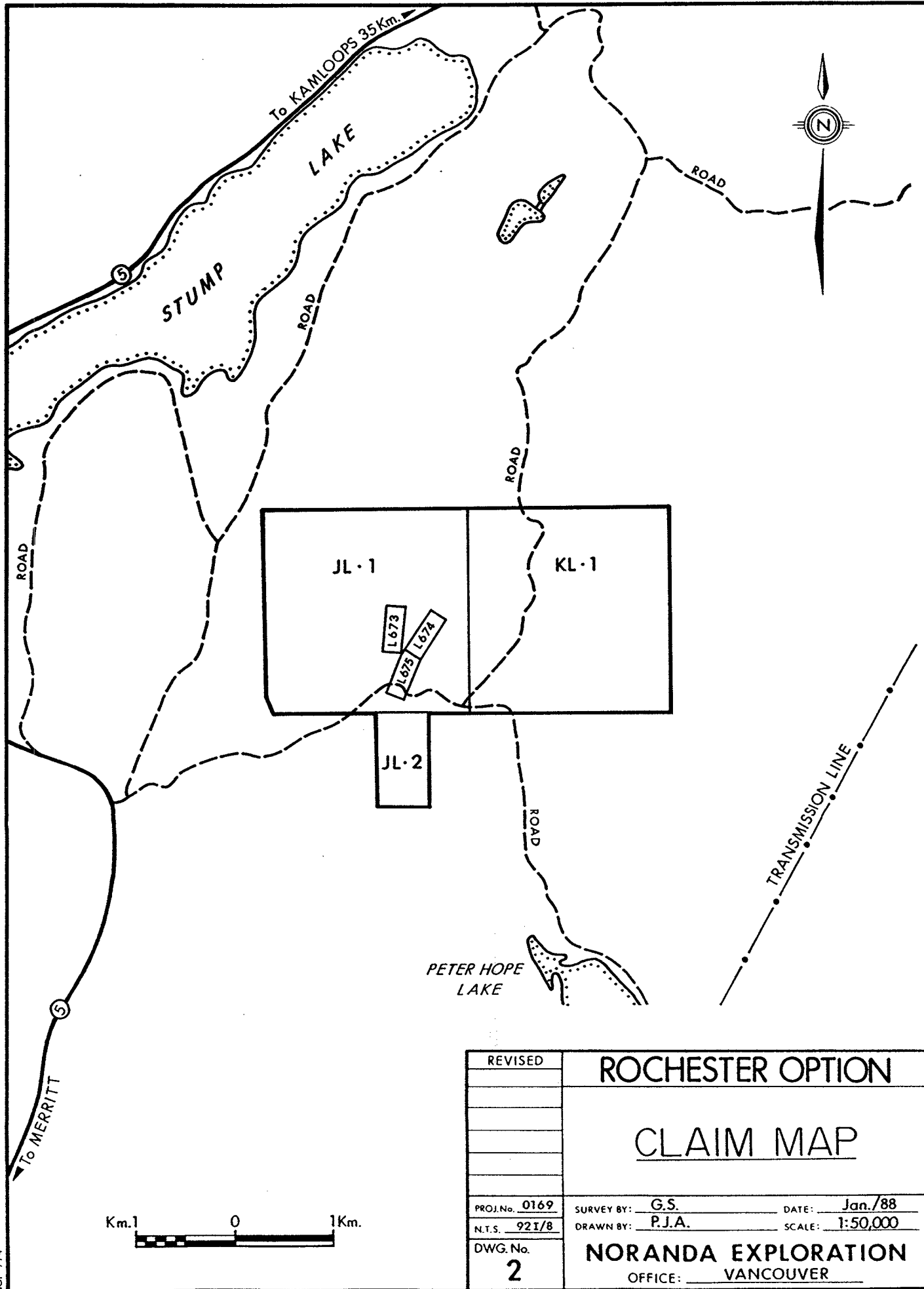
1.5 Economic Potential

The property hosts a north-northeast trending gold-silver bearing shear zone which has been subjected to epithermal clay, quartz-carbonate alteration. The shear zone can be traced along strike for about 1.0 kilometer and is open in both directions. The zone is comprised of multiple shears which have individual thicknesses ranging from less than 1.0 to 3.0 meters.

Past exploration has been confined to the silver-rich shears in the southern portion of the main structure.

Gold values appear to improve in the northern portion of the main structure as evidenced by a showing occurring some 900 meters north-northeast of the main workings.

The property has the potential of hosting a small to medium sized epithermal-type precious metal deposit.



REVISED	<h1>ROCHESTER OPTION</h1> <h2>CLAIM MAP</h2>	
PROJ. No. 0169	SURVEY BY: G.S.	DATE: Jan./88
N.T.S. 921/8	DRAWN BY: P.J.A.	SCALE: 1:50,000
DWG. No. 2	<h3>NORANDA EXPLORATION</h3> <p>OFFICE: VANCOUVER</p>	

NCI-774

1.6 Summary of Work Done

A total of 38 kilometers of cross-line and 2.1 kilometers of baseline (azimuth 025°) were established on the property. This includes the three areas of detail grid.

On the "preliminary grid" the line spacing is 100 meters and the station interval is 25 meters. On the detail grids the line spacing is 25 meters and the station interval is 12.5 meters.

The geology of the grid was mapped at a scale of 1:5000, and the area of the "old workings" was mapped at a scale of 1:1000.

A total of 2269 B-horizon soil and 38 rock samples were taken on the grid and subjected to ACME's 30-element I.C.P. analysis as well as A.A. analysis for gold.

Magnetometer and V.L.F. - E.M. surveys were conducted on the "preliminary grid" with readings taken at 12.5 meter intervals. The magnetometer survey totalled 31.65 line kilometers and recorded the Total Field Magnetics. The V.L.F. - E.M. survey totalled 29.65 line kilometers and utilized both the Hawaii and Seattle transmitting stations.

2.0 GEOLOGICAL SURVEY

The mapping on the property was done by Bruce Laird and Chris Wild, both of whom were temporary geologists employed by Noranda Exploration Company, Limited and were supervised by the author.

The grid was mapped at a scale of 1:5000 (Drawing #3) and the "Old Workings" were mapped at a scale of 1:1000 (Drawing #4).

2.1 Regional Geology

¹"The geology of the Stump Lake Area is described on G.S.C. Map #8864 and Memoir #249 (1961) by W.E. Cockfield.

The western and central parts of the region are occupied by a NW trending belt of Triassic volcanic and sedimentary rocks (Nicola Group) intruded by felsic plutonic masses. Locally, these are important host rocks for copper sulphide mineralization.

In the vicinity of Swakum Mt. and Stump Lake, quartz and calcite vein deposits containing gold and silver occur in the Nicola Group.

In the Stump Lake Area there are nine known gold-silver prospects. The most important of these is the Stump Lake Mine which is located about two miles west of the Mary Reynolds prospect. It produced 77.605 tons of ore averaging .11 oz/T Au, 3.26 oz/T Ag, .026% Cu, 1.4% Pb and .24% Zn between 1916 and 1944."

¹ Reeve, Albert F. (1973) Geochemical Report on the Mary Reynolds Silver Prospect. B.C. Assessment Report #4412, pp. 8, lines 1 to 17.

2.2 Grid Geology (Drawing #3)

Rock exposure on the gridded portion of the claims ranges from 15 to 20% and is generally confined to the higher ground. In the northeast portion of the grid there is a large grass field void of exposure.

For the most part, the gridded area is underlain by a northwest trending package of Upper Triassic Nicola Group volcanics which are represented by augite porphyry andesite flows with minor foliated andesite flows in the southwestern area. Structural measurements are rare, however dips are to the southwest and range from 12° to 60° with an average of 28°.

The andesite flows have been cut by steeply dipping north-northeasterly to northerly, and minor northwesterly trending shear zones. The shear zones have acted as conduits for the migration of epithermal solutions which has caused moderate to intense clay alteration and quartz (may be chalcedonic) - carbonate veining. Sulphides are hosted by the veins and consist of very fine to fine grained pyrite, galena and sphalerite with occasional chalcopryrite and tetrahedrite. Precious metal values are associated with the sulphide mineralization.

2.3 Mineralization (Drawing #3)

Within the gridded area there are three shear zones exhibiting at least some continuity along with numerous localized shears.

The various areas of interest are discussed below and the lab results for the rocks sampled are listed in TABLE #2.

Zone A: This "shear zone" has had the main focus of past exploration activity and is also the largest. It straddles the baseline between lines 99+00N and 109+50N, strikes north-northeast and dips vertically or steeply to the west-northwest. The zone can be traced continuously for a strike length of some 1050 metres, is open to the south-southwest and appears to pinch out to the north-northeast. Although the overall widths of the zone varies from 300 metres in the south and down to 40 metres in the north, detailed mapping (see Drawing #4) has shown that it is comprised of numerous narrow (less than 1 metre to 3 metres) altered shear zones which are in sharp contact with the unaltered country rock. Mineralization occurs sporadically with the quartz-carbonate veining and is mainly comprised of very fine to fine grained pyrite, galena, and sphalerite with minor tetrahedrite and chalcopryrite.

The zone has been sampled quite extensively and hosts precious metal values ranging from 1 to 600 parts per billion gold and 0.1 parts per million to 239.27 grams per tonne silver.

Zone B: This zone is located between lines 104+00N and 107+50N from stations 45+00E to 48+00E. It is an area of discontinuous north trending shears that dip vertically to 67° west. The shears range from 1 to 3 meters in width, are clay altered and may contain chalcedonic quartz veining. The sulphides are associated with the veining and are comprised of very fine grained pyrite and minor galena. Precious metal values range from 15 to 1420 parts per billion gold and 0.1 to 145.4 parts per million silver.

Zone C: This zone is located at the northeastern portion of the grid between lines 114+00N and 117+00N from stations 58+00E to 59+00E. It is a zone in which discontinuous north-northeasterly trending shears have been exposed in a shallow shaft and trenches. The shears dip 55° to 65° to the east-southeast, are one to two meters in width, and host clay altered lithic fragments cut by quartz veins. The veins are host to minor very fine grained pyrite. Precious metal values range from 615 to 3850 parts per billion gold and 0.6 to 10.2 parts per million silver.

Aside from the above mention "more continuous" shear zones there are also two localized shears of some importance.

Zone D: At grid coordinates 114+50N, 51+50E is an old pit which appears to be located at the intersection of a north-northeast trending and a north-northwest trending shear structure. The rocks have been subjected to clay alteration with no silicification. The pit is semi-coincident with a possible 500 meter long north-northeast trending V.L.F. - E.M. conductor axis which extends between lines 113+00N and 118+00N. Also, it is semi-coincident with an 800 meter long north-northwest trending magnetic break. (Drawing #17).

A grab sample taken by James M. Dawson, P. Eng., is reported to carry 10.1 grams gold and 3.4 grams silver per tonne over a 1.5 meter width. The author was unable to duplicate these results as the samples taken over the same width returned only 145 parts per billion gold and 2.5 parts per million silver. However, a soil sample taken from the material that was excavated from the pit returned a value of 15.9 grams per tonne gold and 3.4 parts per million silver.

Zone E: Located at 101+75N, 47+00E is a one meter wide northwest trending shear zone that dips 75° northeast. Mineralization is hosted by quartz-carbonate veins in limonite altered andesite and is comprised of pyrite with lesser galena. One sample returned precious metal values of 4590 parts per billion gold and 350.6 parts per million silver.

TABLE #2 ROCK SAMPLE GEOCHEM RESULTS

SAMPLE #	Geochemical Value					Parts Per Billion Au
	In parts per million unless otherwise indicated					
	Cu	Pb	Zn	As	Ag	
<u>ZONE A</u>						
84831	520	0.51%	1.46%	50	239.27 g/t	660
84832	102	43	350	25	3.2	155
92405	47	21	274	64	1.8	69
92406	51	17	76	10	0.1	1
92408	55	43	163	312	4.6	295
92411	161	39	131	44	4.3	65
92412	181	2313	4598	60	7.2	185
92413	68	19	137	250	1.9	245
92414	58	56	156	75	0.7	175
93758	139	6	52	109	1.6	78
93759	60	163	106	189	6.0	295
93760	118	276	669	700	25.4	825
93761	117	12	87	634	4.2	245
93762	73	41	334	194	2.9	75
93763	104	65	111	943	14.6	495
93766	76	99	216	413	9.3	325
93767	77	36	106	970	13.5	425
<u>ZONE B</u>						
92407	161	3051	799	231	145.4	1420
93756	74	601	3202	849	27.0	695
93757	53	7	39	255	2.0	315
93768	3	3	14	4	0.1	15
93769	80	4	60	200	2.9	55
<u>ZONE C</u>						
93772	53	22	58	2920	0.9	615
93773	141	956	360	3461	10.2	1560
93774	26	12	104	3700	0.6	3850
<u>ZONE D</u>						
84836	113	21	280	181	2.5	145
84837	90	17	190	33	1.5	15
<u>ZONE E</u>						
92409	31	13	27	6	0.5	7
92410	801	19107	10848	359	350.6	4590

TABLE #2 CONT'D:

SAMPLE #	Geochemical Value					Parts Per Billion Au
	In parts per million unless otherwise indicated					
	Cu	Pb	Zn	As	Ag	
<u>OTHER</u>						
92401	49	2	36	88	0.5	25
92402	83	3	49	36	0.2	1
92404	33	70	79	38	0.4	36
93751	12	4	48	2	0.1	1
93752	22	15	96	3	0.1	1
93753	153	27	134	60	7.4	33
93754	67	5	56	2	0.2	1
93755	35	9	55	5	0.3	1
93764	121	12	80	375	7.9	595
93765	98	2	54	18	0.1	14
93770	26	5	52	518	3.0	190
93771	30	24	39	413	14.0	245
93775	33	4	56	20	0.2	9

2.4 Lithologic Description

Three different rock types have been identified on the property and are designated as units 1, 2 and 3. Units 2 and 3 are Upper Triassic in age and considered to belong to the Nicola Group. Unit 1 is an epithermal alteration facies of units 2 and 3 and is probably Tertiary in age.

UNIT 1: Clay to quartz altered and brecciated andesite: Tan to orange - tan on the fresh surface - may be brecciated with fragments ranging up to 3cm in length - fractures infilled by later stage quartz/carbonate veins and veinlets - the quartz veins may be chalcedonic and the rock may be siliceous.

UNIT 2: Foliated andesite flow: Light to medium green, equigranular and aphanitic to very fine grained with a weak foliation.

UNIT 3: Augite porphyry andesite flow: Medium green to greyish green, in equigranular and porphyritic with a massive texture - medium to coarse grained subhedral augite phenocrysts set in an aphanitic matrix - may contain plagioclase phenocrysts.

3.0 SOIL GEOCHEMICAL SURVEY

A total of 2269 B-horizon soil samples were taken on the grid and sent to ACME Analytical Laboratories, Vancouver, B.C. The samples were subjected to their 30 element I.C.P. analysis and gold was analyzed by atomic absorption. Out of the 30 elements analyzed, copper (Cu), lead (Pb), zinc (Zn), arsenic (As), silver (Ag), and gold (Au) were deemed significant and are discussed below.

The geochemical values are presented on drawings 5 to 10 (inclusive) at a scale of 1:2500 and in Appendix I. The geochemical contour maps are presented on drawings 11 to 16 (inclusive) at a scale of 1:5000.

3.1 Soil Sampling and Analytical Method

Soil samples were obtained by digging holes with a shovel to a depth of 10 to 30 cm. Wherever possible, B-horizons were sampled and placed in "Hi Wet Strength Kraft 3 2/1" x 6 1/8" Open End envelopes". Grid co-ordinates were marked on the envelopes with a permanent ink felt marker.

The soil samples were dried at approximately 80°C and then sieved with a -80 mesh nylon screen. The -80 mesh (0.18mm) fraction was then used for geochemical analysis.

30 ELEMENT I.C.P. ANALYSIS: A 0.50 gram sample was digested with 3 mls 3-1-2 HCL-HNO₃ - H₂O at 95°C for one hour and then diluted to 10ml with water. This leach was almost complete for base metals, partial for rock forming elements and very slight for refractory elements.

The diluted sample was then analyzed by I.C.P. for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K and W.

GOLD (Au): A 10.0 gram sample of -80 mesh soil fraction was ignited at 600°C, digested with hot aqua regia, extracted by MIBK and analyzed by graphite furnace atomic absorption.

3.2 Discussion of Results

The statistical analysis of the soil geochemical results are tabulated below in TABLE #3.

TABLE #3: SOIL GEOCHEMICAL STATISTICAL ANALYSIS

	Cu	Zn	Pb	Ag	As	Au
# of samples	2269	2269	2269	2269	2269	2269
High	304	598	632	27.6	3959	6020
Low	5	14	2	0.1	2	1
Standard Deviation (S.D.)	31.7	32.8	15.8	0.9	99.6	145.0
<u>Distribution (# of values within):</u>						
0 - 0.5 S.D.	1000	1218	2129	2202	2190	2211
0.5 - 1 S.D.	862	756	77	29	52	27
1 - 2 S.D.	311	226	41	20	16	22
2 - 3 S.D.	54	42	11	8	4	4
> 3 S.D.	42	27	11	10	7	5
<u>Simple Avg.</u>	54.4	73.4	8.0	0.2	23.4	13.5
<u>*Reduced Avg.</u>	51.8	71.2	7.3	0.2	19.5	8.9

*Reduced Avg. excludes all values greater than 3 S.D. (standard deviation).

For the most part the contour intervals were chosen in order to depict subtle geochemical trends. As a result the value of the first contour line is generally quite low.

Gold (Au): (Drawing #11)

The gold values range from 1 to 6020 parts per billion with a reduced average of 8.9 parts per billion.

The anomalies are generally small in area with many restricted to one station, however, they do occur throughout most of the grid and depict a general north-northeast trend.

The gold anomalies have a good correlation with arsenic, a moderate to poor correlation with lead, zinc and silver and a very poor correlation with copper.

The anomalies of greatest significance are located as follows:

- i) Between lines 99+50N and 108+00N from station 48+00E to 49+75E. Here the values range up to 780 parts per billion and correlate with an area of old trenching in the southern portion and an epithermal shear zone.
- ii) Between lines 112+50N and 117+75N from station 51+00E to station 51+70E is a series of three small discontinuous anomalies which have values ranging from 40 to 425 parts per billion. The anomalies trend north-northeast and are partially coincident with a VLF-E.M. axis. As well the anomaly centered at 114+25N, 51+50E is coincident with a shear zone carrying gold mineralization.
- iii) Centered at 114+00N, 58+50E is an anomaly measuring 100 x 120 metres. The anomalous values range from 21 to 340 parts per billion with one spot high of 6020 parts per billion. Most of the anomalous values occur on line 114+00N. The topographic slopes in the area dip about 35° northwest. Old workings in the area constitute trenches and one shaft. The high gold value occurs at the edge of a trench. The shear zones exposed in the vicinity range up to 1 metre in thickness. For the most part the gold anomalies appear to reflect the downslope migration of gold values from the area of workings. The gold anomalies in this area show a good correlation with arsenic and silver.
- iv) Located at 119+25N, 49+12.5E is a spot high of 2930 parts per billion gold. The anomaly is open to the north-northeast and shows a good correlation with arsenic. There is no corresponding geophysical anomaly and mapping has not indicated any alteration zones.
- v) Centered at 106+00N, 46+00E is an anomaly measuring 200 metres x 25 metres with values ranging from 44 to 460 parts per billion. There is a good correlation with both arsenic and silver. Geophysics has outlined a semi-coincident northeast trending VLF conductor axis between lines 106+00N and 107+00N. Mapping has indicated numerous trenches and epithermal breccia float in the area, however, no distinct shear zone has been traced.

Silver (Ag): (Drawing #12)

The silver values range from 0.1 to 27.6 parts per million with an average of 0.2 parts per million.

The anomalies are local and mainly restricted to a single station. They occur for the most part in the southern portion of the grid.

A subtle north-northeast trend is outlined between lines 100+00N and 107+00N from station 48+00E to 49+50E. This correlates with Zone A on the Grid Geology Map. Also there is a northeast trend of discontinuous anomalies depicted between lines 103+00N and 106+00N from station 42+00E to 46+00E. This trend is parallel to a magnetic break 100 metres to the southeast which is depicted on Drawing #17.

Silver has a good correlation with arsenic and lead, a moderate correlation with gold and a poor correlation with zinc and copper.

Arsenic (As): (Drawing #13)

The arsenic values range from 2 to 3959 parts per million with a reduced average of 19.5 parts per million.

The anomalies are quite wide spread and have a general north-northeast trend. They are coincident with most of the gold anomalies but are generally more extensive in area. Arsenic also correlates well with silver and lead, and moderately with zinc and copper.

The arsenic anomalies of interest are the same as those discussed for gold.

Copper (Cu): (Drawing #14)

The copper values range from 5 to 304 parts per million with a reduced average of 51.8 parts per million.

The copper anomalies are quite widespread and generally low in value with a general north-northeast trend.

Since most of the copper values occur between 75 and 150 parts per million there are no significant anomalies.

Due to the widespread nature of copper it shows at least some correlation with gold, silver, arsenic, lead and zinc.

Lead (Pb): Drawing #15)

The lead values range from 2 to 632 parts per million with a reduced average of 51.8 parts per million.

Lead anomalies are few and are mostly restricted to a single station.

The lead anomalies have a good correlation with gold, arsenic, copper and zinc, and have a moderate correlation with silver.

The only significant anomaly is located between lines 99+75N and 102+00N from station 48+00E to 48+75E. The values in this area range 25 to 150 parts per million. This anomaly coincides with an area of old trenching within or epithermally altered shear zone.

Zinc (Zn): (Drawing #16)

Zinc values range from 14 to 598 parts per million with a reduced average of 71.2 parts per million.

The zinc anomalies which generally have a north-northeast trend, mainly occur in the southern portion of the grid. They are fairly widespread, low in value, and are moderately coincident with gold, arsenic, silver, lead and copper.

Due to the low value and widespread nature of the anomalies there are no areas of great significance.

In summary the gold and arsenic anomalies appear to have the greatest significance. They depict a general north-northeast trend and correlate well with mapped epithermally altered shear zones. The arsenic anomalies are more widespread than gold and therefore should serve as a good prospecting tool in areas of little outcrop or low gold-in-soil content.

4.0 GEOPHYSICAL SURVEY

During may, 1987, 31.65 line kilometers of magnetometer and 29.65 line kilometers of VLF-EM surveys were completed on the Rochester option grid. The VLF-EM survey recorded values utilizing two VLF-EM stations (Hawaii and Seattle) with readings recorded at 12.5 meter intervals. The magnetometer survey recorded the Total Field at 12.5 meter intervals with all appropriate corrections applied to the data.

The interpretation of the results was done by Lyndon Bradish, Noranda Division Geophysicist.

4.1 Instrumentation

Magnetometer System

The magnetometer survey employed a field and base station package manufactured by Scintrex of Concord, Ontario. The MP-3 system records the Total Magnetic Field with a field accuracy of 1 to 2 nano Teslas (nT) with all applicable corrections having been applied to the data. Readings were recorded at 12.5 metre intervals.

VLF-EM System

The EM-16 VLF-EM receiver is manufactured and serviced by GEONICS of Mississauga, Ontario. This instrument measures the dip of the null angle and phase of the electromagnetic field generated by very low frequency transmitters maintained by military forces around the world for communications purposes. The frequency range is between 15 and 30 KHz. with power outputs in the range of 50 kilowatts to 1 megawatt.

The operation of the EM-16 instrument is well documented in the manuals and other literature. Basically the system is physically oriented along the lines of the electromagnetic field and this angle of the null field is recorded as units of percent slope. Additionally the phase angle is also measured and recorded. This type of passive EM system suffers considerable influence from the local topography and as a high system frequency is employed, subtle variations in the underlying resistivity produce large variations in the recorded profiled data thus caution must be exercised in the interpretation of the data.

This EM survey employed two transmitter stations - Seattle, Wash. (NLK) and Lualualei, Hi. (NPM) in an effort to provide some discrimination in the targets and improve interpretation confidence. Both VLF-EM parameters discussed above were recorded at 12.5 meter intervals.

4.2 Discussion of Results

The magnetometer survey (Drawing #17) recorded a background of 600 to 800 nT on a datum of 56,500 nT. For the most part the 200 nT background variation is monotonous throughout the gridded area with the exception of two high amplitude spot highs located on L. 10100N. The mag contour map shows a strong trend parallel to the Baseline however there is strong evidence for cross-cutting features with azimuthal directions of 005 - 010°, 165-170° and on the east side of the grid a trend is identified at approximately 055°.

One structural feature which is quite obvious lies along a line between L.10900N/5600E and L.11600/5000E which also divides between east and west two subtly different magnetic signatures. To the west side the background has a high frequency component whereas to the east the spatial frequency is lower but the amplitudes are somewhat greater (> 1000 nT). This would indicate a change in the geology across this defined structure.

A similar scenario is seen on the extreme east side of the map where a structure (between L.10900/4250E & L.11600N/4675E) maps a change in the magnetic background signature from high frequency content (east side) to a lower frequency signature on the west side.

Below (South) the apex of the two above mentioned structures a pronounced and large magnetic low is recorded just east of the Baseline and between Lines 10700N and 11500N. A similar but more subtle scenario can be developed with a matching apex (defined by two structures) at L.10500N/4600E.

The VLF-EM survey (Drawings #18 and #19) recorded numerous "crossovers" which have been defined by both data sets and for the most part there is good correlation between the two sets of profiles. There are two groups of crossovers indicated on the maps representing low amplitude, broad profile crossovers (dashed lines) and sharp, high amplitude responses (heavy solid lines).

There is a definite relationship seen in the data between topography and the VLF-EM field such that hill tops and benches have produced VLF-EM crossovers. In other words the profile data will reflect the topographic slope (not elevation) of the terrain in the vicinity of the measurement station.

The VLF surveys show a vast number of "crossovers" however, most are due to either topography or changes in the underlying overburden resistivities. Those crossovers that appear to be sourced by bedrock conductivity but have suspicious correlation with topography are indicated as dashed lines. Little significance can be placed on these axes unless there is supporting anomalies based on geochem or geology.

The solid crossover axes have a narrow high amplitude response indicative of an electrically conductive source. Those axes located at the west ends of Lines 103+00N, 104+00N, 106+00N, 107+00N (?), 109+00N, 110+00N and 111+00N (?)

are assumed to be sourced by conductive material. These should be checked for sources such as lake and swamp edges. The remaining anomalies indicated by the solid axes warrant additional investigation particularly if supportive anomalous conditions exist with geological and/or geochemical data. Specifically these axes are located at L.11000N/4680E to L.11100N/4780E, L.10800N/5685E, L.11000N/5420E, L.11600N/4655E (a low amplitude response but the profile has a good shape) and L.11700N/4990E.

5.0 SUMMARY

The gridded area is underlain by a moderately southwest dipping package of Upper Triassic andesitic flows belonging to the Nicola Group. Steeply dipping north to north-northeast trending Tertiary shear zones truncate the flows in several places of the grid.

The shear zones are comprised of smaller individual shears which vary in thickness from 1.0 to 3.0 metres and have a traceable strike length of a couple of metres up to some 500 metres.

The shears exhibit various degrees of epithermal type clay alteration with quartz-carbonate veining and silicification. The altered zones are in sharp contact with unaltered andesite.

At least four areas of significant Tertiary shearing occur on the gridded portion of the claims and are designated Zones A to D (inclusive). These zones may be viewed on Drawing #3 which is titled Grid Geology.

ZONE A: This shear zone is the largest and has been the main focus of past exploration activity. It straddles the baseline between lines 99+00N and 109+50N, strikes north-northeast and dips vertically or steeply to the west-northwest. The zone appears to pinch out to the north-northeast and broadens to the south-southwest. Although the shear zone has an overall strike length of some 1050 metres and widths of 40 to 300 metres, detailed mapping (see Drawing #4) has shown that the zone is comprised of smaller individual shears that vary in thickness from 1 to 3 metres and in length from 60 to some 500 metres.

Mineralization occurs sporadically within the quartz-carbonate veining. It is mainly comprised of very fine grained pyrite, galena, and sphalerite with minor tetrahedrite and chalcopyrite.

The zone is delineated by gold and arsenic soil anomalies which have values ranging up to 485 parts per billion gold and 178 parts per million silver. Zinc, lead and silver are also associated with this zone but are less continuous.

Geophysically, the zone is coincident with a discontinuous possible VLF-EM conductor axis. However, this axis may be a result of topography.

ZONE B: This zone is located between lines 104+00N and 107+50N from stations 45+00E to 48+00E. It is an area of discontinuous north trending shears that dip vertically to 67° west. The shears range from 1 to 3 metres in width, are clay altered and may

contain chalcedonic quartz veining. The sulphides are associated with the veining and are comprised of very fine grained pyrite and minor galena. Precious metal values in rock range from 15 to 1420 parts per billion gold and 0.1 to 145.4 parts per million silver.

The centre portion of this zone is characterized by a gold, arsenic, silver soil geochemical anomaly and a coincident VLF-EM conductor axis.

ZONE C:

This zone is located at the northeastern portion of the grid between lines 114+00N and 117+00N from stations 58+00E to 59+00E. It is a zone in which discontinuous north-northeasterly trending shears have been exposed in a shallow shaft and trenches. The shears dip 55° to 65° to the east-southeast, are one to two metres in width, and host clay altered lithic fragments cut by quartz veins. The veins are host to minor very fine grained pyrite. Precious metal values range from 615 to 3850 parts per billion gold and 0.6 to 10.2 parts per million silver.

This area has associated gold, silver, arsenic, lead and zinc soil anomalies and a possible VLF-EM conductor axis flanking to the west on line 115+00N.

ZONE D:

At grid coordinates 114+50N, 51+50E is an old pit which appears to be located at the intersection of a north-northeast trending and a north-northwest trending shear structure. The rocks have been subjected to clay alteration with no silicification. Precious metal values of 10.1 grams gold and 3.4 grams silver per tonne over 1.5 metres sample width have been reported. The author was unable to duplicate these results as the samples taken over the same width returned only 145 parts per billion gold and 2.5 parts per million silver. However, a soil sample taken from the material that was excavated from the pit returned a value of 15.9 grams per tonne gold and 3.4 parts per million silver. The pit is semi-coincident with a possible 500 metre long north-northeast trending VLF-EM conductor axis which extends between lines 113.00N and 118+00N. Also, it is semi-coincident with an 800 metre long north-northwest trending magnetic break (Drawing #17).

The soil geochemistry in this area has delineated a series of discontinuous north-northeast trending gold anomalies with associated anomalous arsenic values.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The gridded portions of the property contains several epithermally altered shear zones which carry sub-economic grade precious metal values. The individual shears are narrow (less than 1.0 to 3.0 metres) and vary in strike length (2 to 500 metres).

The property is located in a favourable area for hosting small to medium sized epithermal gold deposits.

Three areas of the grid (Zones A, B and D) warrant further work. Reverse circulation drilling is recommended in order to test these zones to depth. The holes should be spotted west of the zones and drilled at an azimuth of 115° with an inclination of -45°. It is recommended that the first holes in each of the zones be spotted as follows:

<u>Zone</u>	<u>Drillhole Location</u>	<u>Depth (metres)</u>
A	101+25N 47+50E	280
B	106+00N 45+25E	170
D	114+00N 51+00E	170

=====

7.0 BIBLIOGRAPHY

Cockfield, W.E. (1947), MAP 886A - Nicola - British Columbia Ministry of Energy Mines and Petroleum Resources.

Dawson, James M. P. Eng. - (1986) - Report on the Stump Lake Property - unpublished.

Reeve, Albert F. (1973), Geological Report on the Mary Reynolds Silver Prospect. B.C. Assessment Report #4412.

APPENDIX I

Geochemical Laboratory
Analysis Sheets



ENVIRONMENTAL TESTING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Telex: 048-8393

October 9, 1986

CERTIFICATE OF ANALYSIS ETK 86-214

CLIENT: Noranda Exploration Co. Ltd.
1050 Davie Street, Box 2380
VANCOUVER, B. C.
V6B 3T5

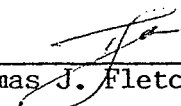
SAMPLE IDENTIFICATION: 12 rock and 2 soil samples received Sept. 12, 1986

RE: P. O. No. FX 8721

<u>ET#</u>	<u>Description</u>	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>Cu (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	<u>Sb (ppm)</u>	<u>Cd (ppm)</u>	<u>As (ppm)</u>	<u>Ba (ppm)</u>
214-1	84826	655	>30.	390	>1000	>1000	350	60	97	-
2	27	560	18.3	92	92	>1000	170	29	146	-
3	28	160	8.7	100	32	103	130	5	89	-
4	29	875	>30.	450	>1000	>1000	350	108	155	-
5	30	>1000	>30.	>1000	>1000	>1000	640	140	109	-
214-6	84831	660	>30.	520	>1000	>1000	320	150	50	-
7	32	155	3.2	102	43	135	110	4	25	-
8	33	25	1.1	112	23	95	130	5	46	-
9	84836	145	2.5	113	21	79	140	3	181	-
10	37	15	1.5	90	17	63	90	5	33	-
214-11	84838	10	2.1	181	20	113	150	6	18	-
13	84834	>1000	6.2	190	60	150	210	5	291	-
14	35	>1000	3.4	154	27	93	180	5	382	-

ASSAYS:

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>	<u>Ag (oz/T)</u>	<u>Cu (%)</u>	<u>Pb (%)</u>	<u>Zn (%)</u>
214-1	84826	-	5.69	-	0.16	0.55
2	27	-	-	-	-	0.12
214-4	84829	-	6.21	-	0.42	0.79
5	30	0.082	20.4	0.36	0.38	1.28
6	31	-	6.98	-	0.51	1.46


Thomas J. Fletcher, Chief Assayer


Noranda Exploration Co. Ltd.

October 9, 1986

ASSAYS: (Cont'd.)

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>	<u>Ag (oz/T)</u>	<u>Cu (%)</u>	<u>Pb (%)</u>	<u>Zn (%)</u>
13	84834	0.066	-	-	-	-
14	35	0.465	-	-	-	-

NOTES: < = less than
> = greater than


ECO-TECH LABORATORIES LTD.
Thomas J. Fletcher, B.Sc.
Chief Assayer

TJF/mil

cc: Noranda Exploration Co. Ltd.
Barriere, B. C.
Attn: Glenn Shevchenko

Rockwater Option (SS)

8705-040

ANALYTICAL LABORATORIES

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: MAY 19 1987 DATE REPORT MAILED: May 22/87 ASSAYER: D. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT - 169 8705-040 File # 87-1317 Page 1

Table with columns: 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 PPM, PPB. Rows list various sample IDs and their corresponding element concentrations.

25/5/87 SS

NORANDA EXPLORATION (VAN) PROJECT - 169 8705-040 FILE # 87-1317

£#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AU1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	1	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L100+00N 52+25E	1	194	12	94	.1	25	21	652	4.94	18	5	ND	1	42	1	2	2	82	.82	.062	5	75	1.46	204	.14	5	2.46	.02	.37	1	15
L100+00N 52+50E	1	176	2	84	.1	23	17	477	4.35	10	5	ND	1	38	1	2	2	73	.64	.059	5	66	1.24	159	.14	3	2.38	.02	.47	1	2
L100+00N 52+75E	1	134	7	85	.1	21	18	629	4.26	10	5	ND	1	34	1	2	2	67	.55	.051	5	63	1.17	175	.14	2	2.39	.02	.41	1	7
L100+00N 53+00E	1	137	3	65	.1	23	17	457	4.31	8	5	ND	1	32	1	2	3	70	.54	.029	5	60	1.13	262	.14	2	2.44	.02	.17	1	1
L100+00N 53+25E	1	180	5	86	.1	22	20	557	4.88	12	5	ND	1	38	1	2	3	80	.72	.045	4	75	1.41	173	.15	4	2.61	.02	.29	1	1
L100+00N 53+50E	1	181	6	86	.1	28	21	700	4.85	13	5	ND	1	39	1	3	2	81	.85	.065	5	66	1.45	180	.13	4	2.41	.02	.30	1	1
L100+00N 53+75E	1	212	5	89	.2	23	22	629	4.84	17	5	ND	1	47	1	3	2	89	1.91	.130	5	82	1.82	166	.13	7	2.28	.02	.34	1	10
L100+00N 54+00E	1	146	10	89	.1	18	17	626	4.47	16	5	ND	1	35	1	2	2	71	.56	.037	6	63	1.12	192	.14	5	2.44	.02	.35	1	11
L100+00N 54+25E	1	105	8	78	.1	17	14	393	3.71	9	5	ND	1	34	1	2	3	62	.46	.041	6	54	.92	163	.15	4	2.38	.03	.32	1	4
L100+00N 54+50E	1	88	2	89	.1	18	16	670	3.78	7	5	ND	1	29	1	2	2	62	.38	.030	5	57	.95	214	.15	2	2.39	.02	.42	1	1
L100+00N 54+75E	1	112	2	74	.1	19	15	393	3.61	11	5	ND	2	30	1	2	2	59	.39	.048	5	58	.97	154	.14	2	2.34	.02	.31	1	2
L100+00N 55+00E	1	84	4	97	.1	15	12	652	3.21	9	5	ND	1	31	1	2	2	49	.39	.037	5	49	.73	191	.12	5	2.14	.03	.40	1	1
L100+00N 55+25E	1	197	13	97	.1	23	19	667	4.51	10	5	ND	1	34	1	2	2	72	.59	.044	6	75	1.33	198	.16	4	2.42	.02	.53	1	1
L100+00N 55+50E	1	74	4	103	.1	12	12	1131	3.19	8	5	ND	1	34	1	2	2	51	.86	.058	6	44	.67	261	.08	3	1.87	.02	.31	1	1
L100+00N 55+75E	1	139	4	58	.1	18	11	214	2.70	8	5	ND	1	68	1	2	2	47	1.20	.102	6	44	.91	94	.07	2	1.20	.03	.22	1	1
L100+00N 56+00E	1	69	4	74	.1	17	11	536	2.61	6	5	ND	1	37	1	2	2	44	.51	.037	7	33	.53	108	.10	2	1.54	.03	.27	1	1
L100+00N 56+25E	1	120	3	113	.1	19	16	766	4.12	6	5	ND	1	40	1	2	2	58	.52	.046	5	60	.99	211	.12	8	2.13	.02	.51	1	2
L100+00N 56+50E	1	139	5	88	.1	20	19	612	4.62	7	5	ND	1	35	1	2	2	76	.58	.044	5	80	1.33	231	.15	8	2.56	.02	.40	1	1
L101+00N 41+50E	1	73	13	73	.4	19	15	478	4.08	30	5	ND	1	35	1	3	2	73	.44	.029	7	39	.84	172	.16	3	2.18	.03	.41	1	28
L101+00N 41+75E	1	90	16	117	.7	13	18	717	4.29	13	5	ND	1	28	1	2	2	97	.56	.075	5	24	1.35	234	.16	2	2.47	.02	.71	2	1
L101+00N 42+00E	1	33	11	55	.1	16	8	355	2.74	2	5	ND	1	31	1	2	2	50	.41	.017	5	37	.50	111	.14	2	1.53	.03	.27	1	2
L101+00N 42+25E	1	51	4	61	.1	19	11	317	3.20	2	5	ND	2	31	1	2	2	62	.37	.021	7	50	.68	112	.16	2	1.75	.03	.33	1	1
L101+00N 42+50E	1	149	8	108	.1	11	17	645	4.88	3	5	ND	1	33	1	2	2	102	.50	.034	5	24	1.34	187	.14	5	2.53	.02	.80	1	1
L101+00N 42+75E	1	177	5	79	.5	14	21	1046	4.94	5	5	ND	1	56	1	2	3	119	1.91	.385	7	30	1.29	261	.08	2	2.32	.01	.49	1	2
L101+00N 43+00E	1	111	7	79	.1	12	15	535	4.45	6	5	ND	1	36	1	2	2	89	.58	.027	6	33	1.00	149	.13	2	2.30	.02	.48	1	1
L101+00N 43+50E	1	77	8	75	.1	28	13	530	3.78	6	5	ND	2	36	1	2	2	65	.51	.027	8	61	.82	149	.15	4	1.90	.03	.37	1	1
L101+00N 43+75E	1	53	6	77	.1	19	10	556	3.22	8	5	ND	1	33	1	2	2	60	.41	.021	8	48	.63	132	.15	4	1.70	.03	.33	1	1
L101+00N 44+00E	1	110	6	75	.2	28	16	467	4.19	9	5	ND	1	36	1	2	2	85	.57	.058	8	72	1.12	177	.16	3	2.15	.02	.53	1	1
L101+00N 44+25E	1	42	5	63	.1	18	10	474	2.94	2	5	ND	1	32	1	2	2	52	.40	.020	7	44	.56	140	.14	3	1.57	.03	.29	1	1
L101+00N 45+00E	1	47	6	94	.1	11	10	525	2.99	3	5	ND	1	28	1	2	2	63	.52	.035	4	28	.84	156	.15	2	2.03	.02	.45	1	1
L101+00N 45+25E	1	49	11	105	.1	11	10	535	2.59	3	5	ND	1	28	1	2	2	45	.42	.038	5	24	.56	200	.15	2	2.17	.02	.13	1	1
L101+00N 45+50E	1	32	10	86	.1	11	9	429	2.63	3	5	ND	1	27	1	2	2	54	.39	.024	4	28	.65	156	.16	3	1.94	.03	.22	1	1
L101+00N 45+75E	1	102	8	103	.1	7	16	562	3.50	2	5	ND	1	30	1	2	2	83	.46	.037	3	18	1.25	209	.20	4	2.37	.02	.57	1	1
L101+00N 46+00E	1	94	12	91	.1	8	12	609	3.59	3	5	ND	1	33	1	2	2	66	.51	.030	5	20	.81	202	.14	6	2.42	.03	.34	1	1
L101+00N 46+25E	1	59	13	187	.1	11	9	1029	2.66	6	5	ND	1	43	1	2	2	45	.55	.061	4	26	.54	264	.12	6	1.84	.03	.43	1	1
L101+00N 46+50E	1	23	6	82	.2	9	7	271	2.42	2	5	ND	1	23	1	2	2	45	.30	.020	3	18	.35	105	.12	5	1.49	.04	.18	1	1
STD C/AU-S	19	61	43	137	6.8	66	30	1022	3.94	41	15	8	32	48	17	15	19	61	.46	.103	36	59	.92	182	.08	34	1.76	.07	.13	14	49

	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AUT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
J+00N 47+00E	1	136	10	79	.1	26	15	440	4.61	5	5	ND	2	37	1	2	2	75	.68	.030	6	65	1.20	136	.18	4	2.37	.02	.72	1	14
.01+00N 47+25E	1	124	12	74	.1	35	18	665	4.36	3	5	ND	1	34	1	2	3	78	.58	.029	6	85	1.34	151	.19	5	2.41	.02	.80	1	7
L101+00N 47+50E	1	70	6	79	.1	24	12	513	3.78	10	5	ND	1	31	1	2	2	61	.51	.024	6	50	.83	157	.15	2	2.34	.03	.41	1	1
L101+00N 47+75E	1	96	9	87	.1	31	14	656	4.41	5	5	ND	2	36	1	2	5	73	.58	.024	7	66	.98	158	.16	4	2.40	.03	.54	1	1
L101+00N 48+00E	1	105	14	96	.1	41	16	760	4.48	12	5	ND	1	36	1	2	4	74	.62	.035	6	87	1.07	136	.14	2	2.15	.02	.59	1	16
L101+00N 48+25E	1	100	16	87	.1	35	17	710	4.57	12	5	ND	1	39	1	2	2	81	.66	.032	8	60	1.08	154	.15	2	2.27	.03	.42	1	29
L101+00N 48+50E	1	92	65	133	1.0	33	17	776	4.32	24	5	ND	1	40	1	2	2	74	.81	.034	7	65	1.14	140	.15	5	2.15	.03	.40	1	112
L101+00N 48+75E	1	93	48	189	3.5	29	15	678	4.12	71	5	ND	2	65	2	2	2	61	3.37	.055	6	46	1.01	97	.10	2	1.68	.03	.25	1	215
L101+00N 49+00E	1	101	23	145	1.9	26	17	753	4.60	63	5	ND	1	40	1	2	2	70	.97	.034	5	42	.95	123	.11	5	1.85	.03	.31	1	150
L101+00N 49+25E	1	137	25	99	.5	29	14	474	4.64	49	5	ND	1	38	1	2	5	72	.64	.056	6	60	1.11	112	.14	5	2.13	.02	.50	1	117
L101+00N 49+75E	1	67	8	68	.4	28	12	562	3.53	21	5	ND	2	42	1	2	3	58	.55	.036	9	56	.83	150	.14	4	2.06	.03	.30	1	32
L101+00N 50+75E	1	48	4	69	.1	20	10	557	3.09	9	5	ND	1	39	1	2	2	47	.40	.033	7	30	.75	207	.14	4	2.28	.03	.43	1	1
L101+00N 51+00E	1	75	4	71	.1	24	11	668	3.41	11	5	ND	1	47	1	2	2	49	.65	.042	8	35	.82	226	.14	2	2.25	.03	.47	1	1
L101+00N 51+50E	1	54	2	60	.1	25	11	363	3.44	12	5	ND	1	38	1	2	2	57	.43	.023	8	53	.69	140	.16	6	2.09	.03	.30	1	1
L101+00N 51+75E	1	42	2	63	.1	20	11	585	3.12	5	5	ND	1	40	1	2	2	48	.41	.026	7	43	.73	147	.14	3	2.19	.03	.37	1	1
L101+00N 52+00E	1	76	9	67	.1	27	15	564	3.88	10	5	ND	1	39	1	2	3	66	.52	.027	7	63	1.15	183	.19	2	2.34	.03	.54	1	1
L101+00N 52+25E	1	67	8	70	.1	32	13	539	3.85	7	5	ND	3	41	1	2	3	64	.54	.034	9	63	1.12	194	.18	6	2.45	.03	.40	1	1
L101+00N 52+50E	1	48	2	54	.1	19	9	411	2.69	9	5	ND	1	30	1	2	3	44	.36	.028	4	42	.60	107	.13	5	1.63	.03	.37	1	1
L102+00N 42+00E	1	58	12	96	.1	20	11	700	3.41	2	5	ND	1	33	1	2	2	60	.49	.028	5	36	.81	183	.14	2	2.02	.02	.34	1	1
L102+00N 42+25E	1	66	28	157	5.2	20	13	582	4.09	42	5	ND	1	36	1	7	2	60	.58	.034	5	49	.84	124	.12	2	1.84	.02	.43	1	147
L102+00N 42+50E	1	125	29	164	.9	18	16	762	4.82	24	5	ND	1	31	1	3	2	75	.77	.065	5	58	1.13	134	.12	9	2.31	.02	.78	2	16
L102+00N 42+75E	1	93	12	149	.1	16	15	972	4.00	19	5	ND	1	36	1	2	2	69	.68	.052	4	44	1.06	190	.11	9	1.97	.02	.61	2	1
L102+00N 43+00E	1	60	5	69	.2	27	10	393	3.56	2	5	ND	1	39	1	2	2	63	.53	.038	8	54	.72	135	.15	7	1.95	.03	.36	1	1
L102+00N 43+25E	1	52	11	87	.1	12	10	731	2.93	3	5	ND	1	29	1	2	3	57	.56	.050	4	22	.76	216	.15	2	2.11	.03	.41	1	1
L102+00N 43+50E	1	86	4	66	.1	33	12	423	4.01	10	5	ND	1	41	1	2	2	74	.69	.041	7	58	.95	132	.14	3	1.96	.03	.35	1	13
L102+00N 43+75E	1	48	2	75	.1	23	12	473	3.26	9	5	ND	2	35	1	2	2	57	.50	.031	7	42	.67	122	.15	3	1.84	.03	.36	1	1
L102+00N 44+00E	1	90	4	74	.1	29	15	491	4.14	6	5	ND	2	37	1	2	4	77	.59	.033	8	51	.95	166	.17	2	2.28	.02	.39	1	1
L102+00N 44+25E	1	32	2	113	.1	19	10	522	3.28	2	5	ND	1	30	1	2	4	59	.45	.043	4	37	.65	164	.15	2	2.18	.02	.20	1	1
L102+00N 44+50E	1	49	11	91	.1	21	12	603	3.65	2	5	ND	1	32	1	2	2	64	.49	.031	5	44	.84	174	.17	2	2.10	.03	.46	1	1
L102+00N 45+00E	1	35	2	116	.1	14	11	745	2.92	2	5	ND	1	24	1	2	2	58	.38	.026	3	46	.88	187	.17	2	2.02	.02	.48	1	1
L102+00N 45+25E	1	56	2	77	.1	23	12	226	3.56	3	5	ND	1	39	1	2	3	68	.62	.034	9	52	.72	127	.17	2	2.09	.03	.31	1	1
L102+00N 45+50E	1	105	2	91	.1	28	22	467	4.54	4	5	ND	1	39	1	2	2	102	.85	.152	3	102	2.02	223	.24	2	2.78	.01	.61	1	1
L102+00N 45+75E	1	58	2	112	.1	15	13	577	3.01	2	5	ND	1	31	1	2	2	64	.44	.027	2	48	.91	149	.17	2	1.66	.02	.44	1	4
L102+00N 46+00E	1	18	2	82	.2	10	6	225	2.13	3	5	ND	1	24	1	2	2	35	.28	.016	3	24	.36	96	.11	2	1.56	.03	.21	1	1
L102+00N 46+25E	1	93	44	139	.7	20	17	596	4.93	39	5	ND	2	32	1	2	2	77	.54	.032	4	57	1.01	104	.12	5	1.99	.02	.72	1	72
STD C/AU-S	18	56	35	128	6.8	66	27	971	3.92	39	15	8	32	46	16	18	18	58	.50	.095	34	55	.89	173	.08	39	1.68	.06	.13	15	46

LN	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L102+00N 46+75E	1	103	6	97	.1	14	16	770	4.28	9	5	ND	1	28	1	2	5	82	.52	.025	5	27	1.40	219	.17	2	2.47	.02	.68	1	1
L102+00N 47+00E	1	109	7	77	.1	21	15	380	4.20	11	5	ND	1	33	1	2	3	74	.55	.028	7	43	1.12	197	.17	2	2.34	.02	.46	1	1
L102+00N 47+25E	1	84	8	69	.1	38	12	398	3.74	10	5	ND	1	31	1	2	5	64	.49	.030	7	77	.90	118	.16	4	1.95	.02	.32	1	2
L102+00N 47+50E	1	124	8	91	.1	26	21	509	5.17	11	5	ND	2	34	1	2	3	94	.74	.046	5	90	1.68	249	.20	3	2.98	.02	.50	1	1
L102+00N 47+75E	1	143	16	97	.1	27	20	841	4.58	13	5	ND	1	29	1	2	2	88	.66	.037	4	89	1.34	133	.13	5	2.20	.01	.61	2	1
L102+00N 48+00E	1	49	2	109	.1	23	10	497	3.13	7	5	ND	1	24	1	2	4	45	.41	.024	4	60	.63	127	.12	5	2.09	.03	.34	1	1
L102+00N 48+25E	1	58	16	76	.1	27	13	371	3.58	8	5	ND	1	33	1	2	5	61	.44	.018	7	47	.72	132	.14	2	2.17	.03	.29	1	1
L102+00N 48+50E	1	60	5	79	.1	24	12	520	3.51	16	5	ND	1	36	1	3	6	58	.50	.027	7	54	.80	165	.15	2	2.13	.03	.23	1	8
L102+00N 48+75E	1	91	17	123	3.8	29	14	459	3.96	49	5	ND	1	39	1	7	2	58	1.10	.036	5	42	.85	77	.09	9	1.68	.02	.31	1	165
L102+00N 49+00E	1	89	39	134	1.1	23	15	691	4.17	71	5	ND	1	35	1	2	5	70	.61	.036	6	42	.80	124	.11	3	1.94	.02	.34	1	96
L102+00N 49+25E	1	106	19	89	2.3	28	14	513	4.06	76	5	ND	1	40	1	3	2	74	.92	.089	7	50	1.04	127	.13	6	1.73	.03	.30	1	165
L102+00N 49+50E	1	73	16	76	.9	21	11	609	2.94	22	5	ND	1	68	1	2	2	49	.94	.034	8	44	1.88	118	.11	7	1.71	.03	.23	1	31
L102+00N 49+75E	1	49	10	85	.2	25	11	671	3.15	15	5	ND	2	32	1	2	7	48	.43	.027	7	69	.79	171	.13	5	2.04	.03	.34	2	1
L102+00N 50+25E	1	68	8	71	.1	20	11	700	3.28	20	5	ND	1	31	1	2	5	54	.44	.026	6	51	.63	125	.14	6	1.80	.02	.32	1	10
L102+00N 50+50E	1	68	8	78	.1	29	13	625	3.58	24	5	ND	1	37	1	2	2	58	.50	.025	9	68	.82	137	.14	2	2.15	.02	.32	1	8
L102+00N 50+75E	1	63	8	80	.1	26	11	373	3.32	24	5	ND	1	40	1	2	5	51	.48	.021	8	62	.80	114	.14	2	2.08	.03	.29	1	9
L102+00N 51+25E	1	61	4	70	.2	22	12	366	3.33	20	5	ND	2	37	1	2	3	57	.51	.031	8	59	.70	124	.15	7	1.91	.02	.33	1	1
L102+00N 51+50E	1	41	8	67	.1	15	9	380	2.74	9	5	ND	1	29	1	2	2	48	.35	.018	6	36	.45	111	.14	4	1.72	.03	.17	1	1
L102+00N 51+75E	1	116	3	72	.1	26	13	507	3.96	26	5	ND	2	36	1	3	5	58	.49	.029	6	63	.87	113	.14	6	2.09	.02	.44	1	21
L102+00N 52+50E	1	84	6	75	.1	11	15	380	3.75	12	5	ND	1	36	1	2	3	71	.52	.026	4	27	.99	143	.17	8	2.09	.03	.53	1	5
L102+00N 52+75E	1	56	9	97	.2	17	13	785	3.56	12	5	ND	1	30	1	2	2	53	.45	.018	4	91	.78	138	.13	8	2.08	.02	.44	1	1
L102+00N 53+25E	1	57	13	134	.2	26	18	395	4.53	29	5	ND	1	27	1	2	5	71	.46	.042	3	140	1.29	154	.15	2	2.48	.02	.61	1	6
L102+00N 53+50E	1	40	8	61	.1	18	9	401	2.90	12	5	ND	1	31	1	2	2	53	.39	.021	7	46	.65	148	.16	2	2.25	.02	.22	1	1
L102+00N 54+00E	1	47	8	124	.1	16	10	837	3.11	14	5	ND	1	30	1	2	4	47	.44	.030	6	39	.70	232	.14	4	2.24	.02	.39	1	1
L102+00N 54+25E	1	32	12	97	.2	14	9	523	2.82	14	5	ND	1	32	1	2	2	40	.36	.020	4	40	.58	138	.13	3	1.73	.03	.25	1	2
L102+00N 54+50E	1	73	7	102	.4	17	10	456	3.64	55	5	ND	1	38	1	3	2	50	.56	.020	5	36	.66	89	.11	5	1.83	.03	.30	2	46
L102+00N 54+75E	1	64	2	82	.1	10	10	298	3.10	12	5	ND	1	28	1	2	3	47	.41	.024	4	37	.63	124	.12	5	2.10	.03	.26	1	1
L102+00N 55+00E	1	81	5	85	.2	22	12	525	3.69	11	5	ND	2	31	1	2	6	59	.41	.044	6	39	.79	181	.14	2	2.09	.03	.37	1	1
L102+00N 55+25E	1	65	5	77	.1	26	13	597	3.18	17	5	ND	1	39	1	2	3	53	.51	.063	7	34	.80	152	.12	3	1.80	.03	.39	1	1
L102+00N 55+50E	1	108	2	55	.2	12	6	124	1.78	3	5	ND	1	53	1	2	2	23	.74	.078	6	27	.66	129	.07	7	1.52	.04	.17	1	2
L102+00N 55+75E	1	132	9	55	.1	17	9	165	2.93	15	5	ND	1	66	1	2	5	40	.99	.114	7	41	.94	162	.08	6	1.89	.04	.24	1	1
L102+00N 56+00E	1	114	2	60	.1	19	8	165	2.84	11	5	ND	1	61	1	2	3	37	.86	.082	6	40	.90	203	.10	6	1.81	.04	.29	1	1
L102+00N 56+25E	1	259	2	64	.1	19	8	188	2.89	10	5	ND	1	74	1	2	5	41	1.20	.128	6	38	.89	98	.06	9	1.37	.04	.21	1	1
L102+00N 56+50E	1	122	8	75	.1	23	14	592	3.76	12	5	ND	1	47	1	2	5	61	.68	.044	6	60	1.01	146	.13	4	1.78	.03	.41	1	1
L103+00N 45+50E	1	24	2	93	.2	14	8	403	2.59	8	5	ND	1	27	1	2	2	42	.35	.026	4	26	.43	121	.12	2	1.81	.03	.26	1	1
L103+00N 45+75E	1	67	8	101	.1	26	14	475	3.99	12	5	ND	2	34	1	2	4	68	.50	.020	5	64	.86	142	.15	5	2.12	.02	.52	1	1
STD C/AU-S	18	56	35	130	6.9	66	27	963	3.95	41	18	7	31	46	16	17	21	58	.43	.094	34	55	.90	172	.08	36	1.77	.06	.12	13	48

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L103+00N 46+00E	1	132	15	75	.9	27	19	637	4.10	11	5	ND	2	72	1	2	5	96	4.42	.178	6	68	1.38	173	.14	3	1.82	.03	.60	1	19
L103+00N 46+25E	1	25	12	79	.1	13	9	270	2.65	6	5	ND	1	25	1	2	2	54	.31	.027	3	38	.51	102	.14	2	1.63	.03	.23	1	1
L103+00N 46+50E	1	81	11	75	.2	29	15	392	3.80	7	5	ND	2	39	1	2	3	76	.60	.049	8	64	1.06	180	.17	5	2.17	.02	.36	1	1
L103+00N 46+75E	1	127	11	106	.8	26	22	485	5.34	6	5	ND	1	30	1	2	2	110	.77	.054	3	99	1.63	223	.16	4	2.53	.01	.96	1	185
L103+00N 47+00E	1	81	7	113	.1	24	19	841	4.43	7	5	ND	1	32	1	2	2	84	.51	.038	4	79	1.30	221	.13	10	2.25	.02	.87	1	1
L103+00N 47+75E	1	55	8	81	.1	19	11	439	3.06	4	5	ND	2	29	1	2	2	53	.44	.021	7	81	.67	118	.15	3	1.84	.03	.39	1	1
L103+00N 48+00E	1	84	5	77	.2	19	13	543	4.03	4	5	ND	2	31	1	2	3	70	.47	.030	6	45	.75	140	.14	2	2.03	.02	.43	1	1
L103+00N 48+25E	1	51	16	84	.1	13	11	652	3.28	8	5	ND	1	32	1	2	5	56	.39	.021	5	31	.59	179	.13	7	1.97	.03	.42	2	1
L103+00N 48+50E	1	25	11	83	.1	11	7	426	2.37	7	5	ND	1	28	1	2	2	41	.33	.032	4	36	.43	151	.11	2	1.65	.02	.21	2	1
L103+00N 48+75E	1	47	12	65	.1	15	11	443	2.97	14	5	ND	1	30	1	2	2	58	.40	.024	6	36	.56	127	.12	2	1.74	.02	.22	1	1
L103+00N 49+00E	1	75	15	94	.1	22	15	615	4.05	44	5	ND	1	33	1	2	2	69	.48	.029	7	42	.76	134	.13	10	2.08	.02	.40	1	23
L103+00N 49+75E	1	48	10	74	.2	18	10	457	2.95	13	5	ND	1	31	1	2	2	51	.36	.028	5	52	.66	110	.12	7	1.73	.02	.34	1	1
L103+00N 50+50E	1	62	14	82	.1	25	12	516	3.16	14	5	ND	1	33	1	2	2	57	.35	.024	7	75	.80	137	.14	7	1.73	.03	.38	1	2
L103+00N 50+75E	1	14	5	68	.1	9	6	249	1.91	8	5	ND	1	30	1	2	4	34	.23	.015	2	23	.37	70	.11	6	1.15	.03	.15	1	1
L103+00N 51+25E	1	40	9	80	.1	15	11	491	2.82	10	5	ND	1	33	1	2	3	50	.43	.051	5	37	.60	158	.13	5	1.89	.04	.38	1	1
L103+00N 51+75E	1	27	12	55	.1	17	8	297	2.26	9	5	ND	2	34	1	2	2	33	.33	.009	6	42	.63	77	.12	2	1.81	.03	.28	1	1
L103+00N 52+00E	1	78	9	130	.2	15	14	846	3.85	36	5	ND	1	40	1	2	2	57	.62	.044	6	40	.75	155	.10	9	2.12	.02	.49	1	2
L103+00N 52+50E	1	59	19	79	.1	17	12	681	2.98	15	5	ND	1	38	1	2	2	54	.46	.035	6	37	.74	194	.16	2	2.38	.03	.27	1	1
L104+00N 42+00E	1	45	11	75	.1	21	10	406	3.17	11	5	ND	1	37	1	2	3	57	.46	.044	9	46	.59	167	.15	4	1.99	.03	.37	1	1
L104+00N 42+25E	1	19	9	79	.1	14	8	906	2.08	6	5	ND	1	30	1	2	2	37	.41	.025	4	29	.40	186	.10	2	1.37	.02	.21	1	1
L104+00N 42+50E	1	48	14	66	.1	21	10	336	3.24	8	5	ND	1	34	1	2	3	62	.41	.032	7	44	.67	153	.16	7	1.90	.03	.34	1	1
L104+00N 42+75E	1	43	12	79	.1	21	10	429	3.03	7	5	ND	2	33	1	2	2	56	.39	.038	8	43	.58	160	.14	5	1.85	.03	.33	1	1
L104+00N 43+00E	1	41	13	78	.1	20	10	368	3.11	6	5	ND	1	33	1	2	2	58	.39	.035	7	43	.63	155	.15	5	1.85	.03	.33	1	15
L104+00N 43+25E	1	40	7	80	.1	19	10	453	3.17	7	5	ND	1	32	1	2	4	57	.41	.027	7	48	.63	159	.14	2	1.98	.02	.32	1	2
L104+00N 43+50E	1	55	19	94	.1	21	11	405	3.56	13	5	ND	1	34	1	2	2	65	.42	.044	7	51	.74	163	.15	2	2.19	.02	.34	1	1
L104+00N 43+75E	1	33	11	76	.1	16	10	679	2.72	8	5	ND	1	31	1	2	2	49	.40	.029	5	34	.58	175	.13	6	1.73	.02	.40	1	7
L104+00N 44+00E	1	43	18	86	.1	16	13	748	3.38	5	5	ND	1	32	1	2	2	60	.40	.034	6	36	.84	233	.15	2	2.32	.02	.37	1	13
L104+00N 44+25E	1	45	24	106	2.4	15	10	450	3.11	32	5	ND	2	32	1	3	2	48	.42	.030	5	33	.56	153	.12	2	1.87	.02	.32	1	1
L104+00N 44+50E	1	47	21	117	.3	14	13	454	3.36	19	5	ND	1	25	1	2	2	60	.32	.021	4	31	.83	194	.16	3	2.32	.02	.39	1	82
L104+00N 44+75E	1	84	10	114	.1	14	16	630	3.90	10	5	ND	1	72	1	2	2	64	1.14	.063	4	40	1.53	213	.12	9	2.13	.02	.83	1	10
L104+00N 45+25E	1	176	15	92	.1	20	27	923	6.98	8	5	ND	1	45	1	2	2	208	1.41	.062	7	89	2.75	254	.16	2	3.70	.01	.46	2	5
L104+00N 45+50E	1	47	17	84	.1	15	11	569	3.18	11	5	ND	1	37	1	2	2	58	.47	.041	7	36	.56	168	.12	3	1.84	.03	.32	1	4
L104+00N 45+75E	1	45	5	64	.1	24	12	440	3.07	8	5	ND	1	37	1	2	2	57	.42	.029	8	58	.68	152	.16	4	2.01	.03	.29	2	1
L104+00N 46+00E	1	37	7	58	.1	20	9	346	2.74	4	5	ND	1	33	1	2	2	61	.33	.023	5	50	.62	118	.16	2	1.21	.03	.23	1	20
L104+00N 46+25E	1	140	7	76	.1	21	26	834	4.40	5	5	ND	1	34	1	2	2	85	1.06	.092	3	153	1.84	156	.20	2	2.31	.01	.78	1	3
L104+00N 46+50E	1	92	12	76	.1	30	21	528	4.31	7	5	ND	1	26	1	2	3	70	.44	.036	4	214	1.26	176	.19	2	2.48	.02	.64	1	7
STD C/AU-S	19	59	38	135	6.8	66	30	1010	3.89	43	15	8	32	48	17	18	19	62	.45	.100	35	57	.92	179	.08	39	1.65	.07	.14	12	48

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
L104+00N 46+75E	1	36	2	67	.1	30	11	351	2.75	8	5	ND	1	31	1	2	3	51	.44	.030	6	63	.70	150	.16	8	2.11	.02	.24	1	19
L104+00N 47+00E	1	96	8	78	.4	26	17	560	3.89	21	5	ND	1	40	1	3	2	67	.74	.056	4	133	1.00	133	.14	8	1.93	.02	.57	1	6
L104+00N 47+50E	1	41	5	141	.1	12	11	797	3.18	9	5	ND	1	33	1	2	3	53	.46	.023	5	38	.56	225	.13	11	2.00	.02	.37	1	10
L104+00N 47+75E	1	48	7	78	.1	16	11	458	2.96	8	5	ND	2	32	1	2	2	53	.39	.016	7	45	.56	135	.15	2	1.89	.03	.34	1	17
L104+00N 48+00E	1	15	2	99	.1	10	6	480	2.01	6	5	ND	1	21	1	2	2	36	.32	.027	3	15	.32	141	.09	7	1.60	.03	.18	1	10
L104+00N 48+25E	1	110	2	60	.5	20	13	567	2.90	15	5	ND	2	133	1	2	2	70	8.56	.128	5	41	1.18	172	.11	6	1.46	.02	.30	1	21
L104+00N 48+50E	1	106	12	76	.1	17	13	736	3.21	11	5	ND	2	33	1	2	2	63	.56	.027	7	47	.75	172	.18	3	2.14	.02	.38	1	7
L104+00N 48+75E	1	51	3	71	.1	18	10	396	2.93	10	5	ND	2	35	1	2	3	55	.38	.019	7	40	.58	114	.14	13	1.78	.03	.37	1	8
L104+00N 49+25E	1	70	11	95	.2	21	11	448	3.22	24	5	ND	2	35	1	3	2	55	.45	.041	7	59	.75	137	.14	5	1.85	.03	.27	1	20
L104+00N 49+50E	1	109	14	76	1.4	37	15	634	3.74	33	5	ND	1	62	1	3	2	74	1.90	.072	9	89	1.19	162	.13	11	1.97	.03	.38	1	48
L104+00N 49+75E	1	75	20	159	.5	18	18	1113	4.55	61	5	ND	1	55	1	2	2	61	.67	.043	6	44	.68	162	.08	23	1.67	.02	.47	1	69
L104+00N 50+25E	1	53	9	83	.2	24	12	320	3.31	29	5	ND	2	40	1	2	2	62	.42	.040	10	64	.78	168	.19	6	2.75	.03	.28	1	13
L104+00N 50+50E	1	55	28	182	.9	23	11	585	3.22	37	5	ND	2	44	1	2	2	57	.43	.038	10	55	.69	160	.14	13	2.41	.03	.29	1	43
L104+00N 50+75E	1	54	8	94	.7	14	6	466	1.52	24	5	ND	1	499	1	2	3	28	9.38	.090	5	25	1.18	160	.06	26	.89	.04	.27	1	1
L104+00N 51+00E	1	86	11	161	.5	16	13	744	4.09	46	5	ND	1	44	1	2	2	61	.64	.064	7	39	.59	160	.11	13	2.32	.03	.40	1	8
L104+00N 51+25E	1	16	2	152	.1	5	4	778	1.39	7	5	ND	1	28	1	2	4	27	.23	.092	3	12	.17	300	.07	9	1.03	.03	.05	2	4
L104+00N 51+50E	1	78	5	81	.1	30	12	379	3.97	17	5	ND	3	44	1	2	2	73	.56	.036	10	61	.73	140	.16	12	1.95	.03	.38	1	5
L104+00N 51+75E	1	67	5	65	.1	21	12	551	2.90	14	5	ND	1	40	1	2	3	55	.59	.038	8	53	.67	184	.14	10	1.77	.03	.36	1	2
L104+00N 52+00E	1	65	10	92	.1	19	17	847	3.64	23	5	ND	3	34	1	2	2	86	.44	.063	6	35	1.06	352	.22	5	3.02	.03	.40	1	2
L104+00N 52+25E	1	79	12	82	.4	28	14	420	3.65	23	5	ND	2	38	1	2	3	70	.53	.028	9	75	1.03	214	.21	12	2.62	.03	.35	1	48
L104+00N 52+50E	1	71	9	72	.1	27	13	465	3.68	13	5	ND	2	43	1	2	3	69	.56	.031	9	57	.86	189	.18	7	2.23	.03	.44	1	12
L104+00N 52+75E	1	40	2	69	.1	18	10	492	2.84	11	5	ND	1	32	1	2	2	56	.38	.024	7	46	.65	158	.16	12	1.79	.03	.39	1	3
L104+00N 53+00E	1	57	9	216	.4	12	11	711	2.79	62	5	ND	1	29	1	2	3	56	.35	.057	4	33	.57	229	.14	3	2.14	.03	.27	1	50
L104+00N 53+50E	1	149	10	96	.2	14	21	523	5.38	51	5	ND	1	48	1	2	2	105	.68	.052	4	31	1.19	221	.14	2	2.20	.01	.93	1	24
L104+00N 53+75E	1	90	7	89	.6	13	14	378	3.89	30	5	ND	1	54	1	2	3	67	1.23	.026	6	29	.77	144	.15	2	2.23	.02	.55	1	22
L104+00N 54+00E	1	44	7	130	.5	12	8	947	2.50	20	5	ND	2	29	1	2	2	36	.39	.030	5	29	.43	156	.11	5	1.71	.03	.36	1	16
L104+00N 54+25E	1	50	15	113	.1	20	10	672	2.67	17	5	ND	2	33	1	2	2	42	.40	.031	7	38	.50	136	.12	8	1.83	.03	.33	1	21
L104+00N 54+50E	1	91	9	82	.3	20	10	196	2.58	16	5	ND	1	131	1	2	2	40	.92	.105	11	40	1.56	406	.11	8	2.45	.05	.18	1	7
L104+00N 54+75E	1	90	9	65	.1	17	10	290	3.03	12	5	ND	2	70	1	2	2	45	.51	.030	7	45	.93	137	.13	6	1.78	.04	.35	1	5
L104+00N 55+00E	1	51	8	111	.1	13	10	972	2.62	6	5	ND	2	30	1	2	3	42	.34	.063	4	37	.54	273	.11	11	1.78	.03	.30	1	1
L104+00N 55+25E	1	186	8	78	.1	22	19	669	4.54	13	5	ND	1	34	1	2	3	78	.58	.033	6	81	1.30	190	.18	6	2.53	.02	.68	1	1
L104+00N 55+50E	1	203	7	96	.1	28	20	750	4.84	10	5	ND	1	35	1	2	5	81	.60	.040	6	78	1.45	193	.18	3	2.49	.02	.70	1	1
L104+00N 55+75E	1	58	8	69	.1	19	10	486	2.87	10	5	ND	2	32	1	2	2	47	.37	.015	7	39	.59	156	.14	6	1.94	.03	.45	1	1
L104+00N 56+00E	1	93	8	90	.1	23	14	632	3.63	11	5	ND	2	30	1	2	2	63	.39	.033	7	47	.78	252	.16	3	2.52	.03	.46	1	1
L104+00N 56+25E	1	35	10	72	.1	18	9	597	2.63	9	5	ND	2	30	1	2	3	45	.35	.040	8	31	.50	181	.14	6	2.12	.03	.38	1	4
L104+00N 56+50E	1	26	6	57	.1	16	8	603	2.33	6	5	ND	1	38	1	2	2	43	.41	.030	7	32	.49	142	.13	14	1.55	.04	.28	1	4
STD C/AU-S	21	63	39	144	7.0	73	30	1071	4.00	43	16	7	35	50	18	15	22	66	.46	.105	38	61	.90	189	.09	34	1.75	.07	.13	12	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AS 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
L104+00N 57+00E	1	300	7	34	.2	15	7	350	1.67	11	6	ND	1	214	1	2	3	26	5.44	.088	5	23	.75	145	.04	21	.95	.03	.14	1	4
L106+00N 42+00E	1	33	7	60	.1	16	8	472	2.49	5	5	ND	1	35	1	2	3	46	.37	.038	7	36	.47	124	.12	9	1.44	.03	.23	1	1
L106+00N 42+25E	1	31	5	52	.1	16	7	262	2.64	5	5	ND	2	28	1	2	2	54	.32	.027	6	37	.49	105	.13	5	1.44	.03	.16	1	1
L106+00N 42+50E	1	31	11	76	.1	13	8	520	2.49	6	5	ND	1	31	1	2	3	43	.37	.030	5	29	.46	151	.12	7	1.62	.02	.26	1	1
L106+00N 42+75E	1	34	12	72	.1	17	8	311	2.93	6	5	ND	1	29	1	2	2	55	.35	.041	7	36	.47	128	.17	5	1.90	.03	.20	1	1
L106+00N 43+00E	1	41	10	96	.1	18	10	481	3.11	7	5	ND	1	33	1	2	2	51	.44	.039	7	38	.67	174	.14	3	2.08	.02	.34	1	1
L106+00N 43+25E	1	45	32	85	.1	21	11	658	3.14	9	5	ND	1	30	1	2	2	55	.42	.047	7	42	.59	175	.13	4	2.24	.02	.21	2	1
L106+00N 43+50E	1	42	7	65	.1	19	10	481	3.04	4	5	ND	2	31	1	2	2	51	.40	.021	7	37	.54	171	.14	4	2.37	.02	.20	1	1
L106+00N 43+75E	1	47	6	74	.1	20	10	364	2.98	8	5	ND	1	25	1	2	2	51	.34	.033	5	43	.66	150	.15	2	2.07	.02	.27	1	2
L106+00N 44+25E	1	47	9	100	.1	13	11	509	3.41	11	5	ND	1	24	1	2	3	63	.30	.048	4	20	.66	175	.13	2	2.25	.02	.20	1	1
L106+00N 44+50E	1	64	32	153	.6	14	12	784	3.78	103	5	ND	1	36	1	2	2	48	.62	.038	8	43	.54	195	.09	6	2.45	.02	.14	1	34
L106+00N 44+75E	1	41	16	140	.1	15	10	887	2.90	22	5	ND	1	25	1	2	2	45	.37	.041	4	46	.51	213	.11	5	2.01	.02	.20	2	1
L106+00N 45+00E	1	67	23	159	.3	20	13	497	4.89	41	5	ND	2	26	1	2	2	48	.54	.022	4	30	.51	124	.07	3	2.01	.02	.30	2	7
L106+00N 45+25E	1	25	10	103	.1	12	8	377	2.78	11	5	ND	1	30	1	2	2	42	.51	.037	4	32	.44	188	.09	5	2.12	.03	.11	2	1
L106+00N 46+00E	1	68	15	94	2.1	24	17	934	4.87	87	5	ND	1	45	1	2	2	62	1.19	.044	5	94	.91	144	.08	6	1.81	.01	.26	1	460
L106+00N 46+25E	1	43	6	65	.1	14	11	271	3.21	12	5	ND	1	31	1	2	2	49	.44	.017	6	32	.64	136	.14	2	2.17	.03	.14	1	1
L106+00N 46+75E	1	23	6	102	.1	15	9	1128	2.66	3	5	ND	1	24	1	2	2	49	.34	.048	5	25	.54	268	.12	4	2.28	.02	.18	1	1
L106+00N 47+00E	1	29	7	65	.1	15	8	634	2.60	2	5	ND	1	26	1	2	2	48	.30	.023	6	23	.41	194	.15	3	2.28	.02	.20	1	1
L106+00N 47+25E	1	52	4	84	.1	23	10	481	3.22	7	5	ND	1	32	1	2	2	53	.48	.033	8	39	.64	155	.13	3	1.86	.02	.35	1	1
L106+00N 47+50E	1	45	6	62	.1	20	12	625	3.39	3	5	ND	1	30	1	2	2	56	.46	.015	7	39	.67	154	.14	2	2.21	.02	.30	1	1
L106+00N 47+75E	1	56	9	60	.1	20	10	301	3.22	8	5	ND	1	33	1	2	2	49	.44	.023	8	39	.59	131	.13	6	2.08	.03	.22	1	1
L106+00N 48+00E	1	54	7	80	.1	11	9	453	2.98	3	5	ND	1	29	1	2	2	41	.55	.026	5	29	.46	126	.10	8	1.90	.02	.23	1	1
L106+00N 48+25E	1	42	8	61	.1	18	9	309	3.25	3	5	ND	1	29	1	2	2	47	.41	.012	6	37	.66	102	.13	5	1.90	.02	.36	1	1
L106+00N 48+50E	1	77	4	60	.1	27	13	419	3.54	8	5	ND	1	36	1	2	2	55	.65	.027	9	68	.84	123	.15	7	2.14	.02	.15	1	1
L106+00N 49+00E	1	84	7	70	.1	31	11	413	3.75	10	5	ND	1	32	1	2	2	61	.52	.043	9	48	.84	147	.16	6	2.19	.03	.40	2	1
L106+00N 49+50E	1	41	10	73	.2	23	10	414	2.83	31	5	ND	1	33	1	2	2	46	.41	.026	5	77	.72	144	.12	4	1.88	.02	.19	1	1
L106+00N 49+75E	1	51	33	83	.1	18	12	482	3.21	30	5	ND	1	45	1	2	2	46	.39	.017	7	49	.75	87	.11	6	1.85	.02	.31	1	4
L106+00N 50+25E	1	41	12	77	.1	26	9	301	2.97	15	5	ND	1	26	1	2	2	46	.35	.017	6	72	.67	94	.13	2	1.81	.02	.31	1	1
L106+00N 50+75E	1	47	7	54	.1	27	11	278	3.19	25	5	ND	2	35	1	3	2	58	.42	.023	7	79	.88	122	.16	2	1.98	.02	.20	1	1
L106+00N 51+25E	1	37	8	69	.1	18	8	341	2.64	9	5	ND	1	27	1	2	2	42	.35	.028	5	43	.51	156	.13	7	2.05	.03	.21	1	1
L106+00N 51+50E	1	34	5	63	.1	20	9	280	2.84	11	5	ND	2	32	1	2	2	52	.37	.025	5	48	.68	151	.15	5	1.72	.02	.28	1	2
L106+00N 51+75E	1	51	9	78	.1	27	12	588	3.35	21	5	ND	1	33	1	2	2	55	.47	.028	8	66	.89	168	.15	3	2.28	.02	.25	1	3
L106+00N 52+00E	1	85	3	96	.1	20	16	586	4.44	32	5	ND	2	39	1	2	2	62	.73	.068	6	53	1.09	220	.13	5	2.56	.01	.58	1	4
L106+00N 52+25E	1	106	632	598	25.8	18	17	829	4.65	170	5	ND	1	23	3	3	2	111	.45	.123	4	61	1.53	253	.14	4	2.83	.02	.39	1	43
L106+00N 52+50E	1	36	9	71	.5	22	9	386	2.86	13	5	ND	2	28	1	2	2	55	.39	.022	7	52	.56	124	.13	4	1.60	.02	.26	1	2
L106+00N 52+75E	1	34	7	98	.2	18	8	457	2.66	13	5	ND	1	25	1	2	2	41	.33	.020	5	43	.55	157	.12	4	1.89	.02	.24	1	1
STD C/AU-S	18	57	42	128	7.1	65	27	958	3.93	37	17	7	32	45	16	18	19	58	.43	.096	34	55	.91	169	.08	36	1.74	.06	.13	15	47

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
L106+00N 53+00E	1	91	12	156	.1	18	19	906	4.73	29	5	ND	1	39	1	2	2	96	.69	.116	4	54	1.42	347	.14	2	2.70	.02	.74	1	1
L106+00N 53+25E	1	48	5	72	.1	19	9	398	2.80	15	5	ND	1	32	1	2	2	47	.45	.034	7	39	.58	124	.13	2	1.82	.03	.30	1	1
L106+00N 53+50E	1	42	2	53	.1	17	9	439	2.67	10	5	ND	1	42	1	2	4	45	.41	.019	7	36	.67	118	.12	2	1.55	.03	.32	1	2
L106+00N 53+75E	1	44	2	41	.1	13	6	249	1.79	21	6	ND	1	292	1	2	2	30	4.87	.037	6	23	1.39	89	.07	10	1.08	.07	.18	2	1
L106+00N 54+00E	1	25	10	55	.1	14	7	371	2.24	9	5	ND	1	34	1	2	3	35	.36	.023	5	27	.51	98	.11	9	1.73	.03	.24	1	1
L106+00N 54+25E	1	63	24	86	.4	19	14	350	3.38	18	5	ND	1	30	1	2	3	60	.38	.030	5	57	1.03	151	.17	2	2.11	.02	.48	1	1
L106+00N 54+50E	1	94	4	75	.1	18	15	546	3.49	10	5	ND	1	37	1	2	4	55	.55	.035	6	63	1.19	228	.16	5	2.20	.02	.36	1	1
L106+00N 54+75E	1	24	3	36	.1	10	8	216	2.30	11	5	ND	1	25	1	2	2	43	.27	.011	4	30	.41	83	.13	2	1.40	.03	.11	1	1
L107+00N 45+75E	1	81	5	96	.3	20	14	468	4.74	76	5	ND	1	29	1	8	4	53	.53	.029	5	34	.65	105	.09	2	1.76	.02	.48	1	45
L107+00N 46+00E	1	95	20	162	1.1	15	14	585	4.90	65	5	ND	1	33	1	6	2	55	.64	.031	5	35	.60	127	.09	3	2.14	.02	.38	2	62
L107+00N 46+25E	1	50	11	59	.1	18	10	260	3.01	9	5	ND	1	33	1	2	9	49	.45	.029	7	40	.67	121	.14	2	1.86	.02	.33	1	1
L107+00N 46+50E	1	27	2	51	.1	17	8	198	2.54	4	5	ND	2	28	1	2	2	54	.31	.019	4	38	.47	86	.15	2	1.26	.03	.15	1	1
L107+00N 46+75E	1	38	5	93	.1	15	9	639	2.51	6	5	ND	1	19	1	2	2	45	.28	.090	4	33	.53	118	.12	4	2.16	.02	.09	1	1
L107+00N 47+00E	1	37	12	71	.1	20	11	601	3.21	3	5	ND	2	35	1	2	2	53	.41	.022	8	39	.60	188	.14	2	2.50	.02	.24	1	1
L107+00N 47+25E	1	26	5	77	.1	16	8	443	2.60	8	5	ND	1	27	1	2	2	43	.32	.032	5	31	.44	184	.12	2	2.26	.02	.19	1	3
L107+00N 47+75E	1	15	5	72	.1	11	6	289	2.24	2	5	ND	1	23	1	2	2	31	.30	.014	3	23	.35	129	.09	2	1.59	.03	.13	1	1
L107+00N 48+00E	1	48	5	59	.1	20	12	365	3.17	5	5	ND	2	32	1	2	3	57	.44	.020	10	44	.69	113	.16	3	1.94	.02	.26	1	1
L107+00N 48+25E	1	52	10	59	.1	20	10	318	3.29	7	5	ND	2	32	1	2	5	52	.45	.025	9	45	.76	89	.15	2	1.96	.03	.31	1	1
L107+00N 48+50E	1	80	2	68	.1	23	12	507	3.47	10	5	ND	1	33	1	2	2	53	.59	.021	6	44	.84	132	.13	9	2.15	.02	.42	1	1
L107+00N 48+75E	1	81	12	69	.1	28	14	376	3.89	13	5	ND	2	41	1	2	5	67	.50	.061	9	55	.99	171	.17	5	2.34	.02	.52	1	1
L107+00N 49+50E	1	168	72	274	7.2	23	23	607	6.70	949	5	ND	1	74	1	15	2	64	3.03	.039	5	36	.74	109	.05	8	1.65	.02	.24	2	780
L107+00N 49+75E	1	98	11	61	.1	20	15	365	3.73	20	5	ND	1	31	1	2	3	64	.61	.033	5	96	1.13	108	.16	2	2.80	.02	.24	1	1
L107+00N 50+50E	1	62	12	65	.1	26	12	391	3.25	19	5	ND	1	34	1	2	3	53	.54	.035	6	72	.76	159	.13	2	2.00	.02	.26	1	1
L107+00N 50+75E	1	23	6	70	.1	15	7	284	2.23	11	5	ND	1	22	1	2	3	36	.27	.041	3	36	.42	125	.12	7	1.94	.02	.12	2	1
L107+00N 51+25E	1	52	2	53	.1	22	9	322	2.93	12	5	ND	1	32	1	2	2	47	.44	.021	7	53	.71	151	.13	2	2.14	.03	.18	1	2
L107+00N 51+50E	1	46	3	80	.1	23	10	615	2.83	19	5	ND	2	31	1	2	3	43	.44	.025	6	55	.61	152	.12	8	1.66	.02	.33	1	1
L107+00N 51+75E	1	65	12	84	.2	27	13	356	3.53	70	5	ND	2	42	1	2	3	62	.58	.026	10	64	.82	147	.16	6	2.25	.03	.29	1	98
L107+00N 52+00E	1	27	11	123	.1	12	7	1140	2.28	12	5	ND	1	30	1	3	2	36	.44	.033	4	27	.30	247	.08	2	1.48	.02	.14	1	1
L107+00N 52+25E	1	20	5	78	.1	10	6	264	2.01	9	5	ND	1	20	1	2	2	31	.27	.025	3	28	.33	129	.10	8	1.58	.03	.17	1	1
L107+00N 52+50E	1	59	4	77	.2	22	12	479	3.21	14	5	ND	2	29	1	2	2	50	.41	.025	8	55	.80	143	.14	2	2.03	.03	.39	1	1
L114+00N 45+25E	1	75	11	56	.1	26	12	312	3.47	9	5	ND	1	40	1	2	4	61	.49	.034	12	49	.86	175	.16	2	2.23	.03	.25	1	1
BL 50+00E 106+00N	1	73	9	77	.1	27	13	653	3.60	19	5	ND	2	39	1	2	3	59	.57	.033	9	65	.86	159	.13	7	2.03	.02	.45	1	3
BL 50+00E 106+25N	1	83	5	67	.1	26	15	652	3.82	29	5	ND	2	37	1	2	2	65	.55	.033	8	55	.94	148	.13	2	1.91	.02	.45	1	8
BL 50+00E 106+75N	1	72	7	58	.1	25	12	439	3.61	26	5	ND	2	38	1	2	2	60	.57	.044	9	55	.88	145	.14	2	1.91	.02	.30	1	7
STD C/AU-S	18	59	38	129	6.8	67	28	977	3.86	42	19	8	32	46	16	15	20	59	.49	.094	35	55	.89	173	.08	39	1.78	.06	.12	12	49

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
BL 50+00E 107+00N	1	52	5	68	.1	21	12	486	2.96	13	5	ND	2	38	1	3	2	47	.58	.020	7	64	.71	149	.14	5	2.18	.02	.31	1	1
BL 50+00E 107+25N	1	45	3	57	.1	20	10	232	2.89	18	5	ND	1	33	1	2	2	50	.46	.031	5	72	.68	139	.13	7	1.98	.03	.22	1	1
BL 50+00E 107+50N	1	64	6	66	.1	32	14	421	3.64	19	5	ND	2	38	1	2	2	64	.53	.046	8	110	1.10	172	.16	6	2.28	.02	.31	1	12
BL 50+00E 107+75N	1	48	2	61	.1	20	11	640	2.66	14	5	ND	1	27	1	2	2	44	.43	.028	5	56	.76	174	.12	10	1.89	.02	.20	1	1
STD C/AU-S	19	60	35	132	6.6	66	29	989	3.86	41	18	7	32	47	17	17	19	61	.51	.100	35	57	.92	175	.08	40	1.74	.07	.14	13	49

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P CR H6 BA TI B AL NA K W SI ZR CE SN Y NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS & ROCKS AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAY 12 1987

DATE REPORT MAILED: *May 19/87*ASSAYER: *D. J. Deane* DEAN TOYE, CERTIFIED B.C. ASSAYER

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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	H6 %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU PPB
L120+00N 50+25E	1	75	5	55	.2	40	14	388	3.01	24	9	ND	3	95	1	6	2	51	.37	.023	6	211	1.37	179	.13	4	2.43	.03	.28	1	3
L120+00N 50+50E	1	76	2	120	.1	46	13	700	2.39	15	5	ND	1	61	1	3	2	34	.28	.182	3	158	1.23	180	.09	8	1.97	.03	.08	1	4
L120+00N 50+75E	1	45	8	57	.1	25	9	504	2.80	9	5	ND	2	39	1	2	2	53	.45	.041	10	34	.56	131	.13	5	1.60	.04	.27	1	2
L120+00N 51+00E	1	43	5	56	.1	22	10	526	2.79	9	5	ND	3	34	1	3	2	53	.39	.034	9	29	.60	144	.13	3	1.57	.03	.38	1	3
L120+00N 51+25E	1	48	6	55	.2	27	9	399	2.94	8	5	ND	3	34	1	4	2	56	.42	.032	10	34	.58	129	.14	3	1.64	.04	.31	1	1
L120+00N 51+50E	1	38	8	61	.2	22	8	534	2.65	14	5	ND	2	38	1	2	2	50	.40	.028	9	30	.51	126	.13	3	1.51	.04	.26	1	8
L120+00N 51+75E	1	37	9	57	.1	19	8	359	2.52	7	5	ND	2	31	1	2	2	52	.37	.035	9	29	.47	124	.14	2	1.54	.04	.30	1	3
L120+00N 52+00E	1	42	3	54	.3	21	8	405	2.58	6	5	ND	3	35	1	2	2	55	.42	.044	10	30	.50	113	.13	2	1.49	.04	.26	1	1
L120+00N 52+25E	1	43	5	59	.2	22	8	422	2.52	8	5	ND	2	42	1	2	2	52	.45	.049	9	32	.57	89	.12	3	1.52	.06	.30	1	1
L120+00N 52+50E	1	52	4	58	.3	23	8	428	2.43	6	5	ND	2	55	1	2	2	52	.62	.091	9	29	1.24	122	.11	4	1.25	.07	.29	1	1
L120+00N 52+75E	1	30	4	51	.2	17	6	451	2.17	8	5	ND	1	37	1	2	2	47	.43	.062	8	28	.36	130	.10	2	1.17	.04	.20	1	6
L120+00N 53+00E	1	35	9	41	.3	18	6	268	2.33	7	5	ND	2	28	1	2	2	55	.37	.070	8	31	.34	97	.12	2	1.03	.03	.17	1	1
L120+00N 53+25E	1	35	6	45	.1	18	6	331	2.30	4	5	ND	2	29	1	2	2	52	.39	.055	7	29	.36	100	.12	2	1.10	.03	.20	1	1
L120+00N 53+50E	1	25	6	43	.1	16	6	315	2.11	4	5	ND	2	25	1	2	2	46	.33	.046	7	28	.29	103	.12	2	1.16	.03	.17	1	2
L120+00N 53+75E	1	34	5	47	.1	18	7	337	2.27	7	5	ND	2	30	1	2	2	49	.38	.045	8	31	.35	122	.12	2	1.26	.04	.20	1	5
L120+00N 54+00E	1	34	4	43	.1	19	7	348	2.26	6	5	ND	2	27	1	2	2	51	.37	.071	8	31	.38	97	.12	2	1.04	.03	.20	1	1
L120+00N 54+25E	1	29	6	51	.1	18	7	390	2.29	8	5	ND	2	28	1	2	2	48	.36	.042	8	32	.34	113	.12	4	1.27	.03	.20	1	1
L120+00N 54+50E	1	31	6	50	.1	17	7	384	2.33	4	5	ND	2	28	1	2	2	48	.33	.041	8	29	.36	130	.12	2	1.38	.03	.21	1	2
L120+00N 54+75E	1	24	5	41	.1	16	6	384	2.06	5	5	ND	3	30	1	2	2	44	.36	.045	7	29	.32	112	.11	2	1.12	.03	.18	1	2
L120+00N 55+00E	1	27	9	39	.1	16	6	377	2.10	6	5	ND	1	35	1	2	2	44	.37	.041	7	26	.39	98	.10	2	1.10	.04	.19	1	7
L120+00N 55+25E	1	34	6	56	.1	19	8	484	2.35	7	5	ND	3	38	1	3	2	46	.38	.049	9	29	.48	131	.12	4	1.46	.04	.35	1	4
L120+00N 55+50E	1	25	4	45	.1	15	6	343	2.08	5	5	ND	1	31	1	2	2	41	.35	.048	7	25	.43	119	.12	2	1.34	.04	.23	1	1
L120+00N 55+75E	1	53	7	49	.1	24	9	406	2.74	8	5	ND	2	36	1	2	2	57	.53	.045	8	34	.64	107	.14	3	1.28	.04	.34	1	1
L120+00N 56+00E	1	37	5	38	.1	18	7	289	2.52	7	5	ND	2	28	1	2	2	54	.36	.039	7	34	.42	94	.13	2	1.13	.04	.21	1	1
L120+00N 56+25E	1	33	4	44	.1	18	6	294	2.50	6	5	ND	3	26	1	3	2	52	.33	.038	7	34	.41	105	.13	2	1.18	.03	.20	1	4
L120+00N 56+50E	1	48	5	49	.1	25	8	437	2.71	4	5	ND	3	35	1	2	2	58	.53	.055	9	36	.57	115	.13	3	1.28	.04	.27	1	1
L120+00N 56+75E	1	61	7	41	.2	11	3	128	1.17	3	7	ND	1	114	1	2	2	20	7.04	.121	5	12	.55	96	.04	7	1.02	.08	.14	1	1
L120+00N 57+00E	1	33	6	60	.1	19	6	258	2.48	6	5	ND	2	35	1	2	2	46	.51	.051	8	30	.63	104	.13	2	1.61	.04	.26	1	1
L120+00N 57+25E	1	28	5	44	.1	17	7	423	2.29	6	5	ND	3	31	1	2	2	48	.36	.046	7	32	.46	117	.12	4	1.25	.04	.23	1	3
L120+00N 57+50E	1	24	8	44	.1	14	6	295	2.21	5	5	ND	2	27	1	2	2	47	.29	.034	5	24	.45	90	.12	2	1.21	.04	.21	2	1
L120+00N 57+75E	1	28	5	53	.1	18	8	289	2.51	6	5	ND	2	27	1	2	2	56	.31	.064	7	30	.47	81	.13	2	1.20	.03	.25	1	1
L120+00N 58+00E	1	24	6	48	.1	15	6	416	2.15	3	5	ND	2	29	1	2	2	43	.35	.026	6	28	.36	118	.12	2	1.21	.04	.22	1	1
L120+00N 58+25E	1	27	3	50	.1	17	7	324	2.42	4	5	ND	2	28	1	2	2	50	.32	.031	7	29	.41	110	.14	2	1.42	.03	.24	1	2
L120+00N 58+50E	1	36	5	50	.2	21	7	289	2.60	3	5	ND	3	31	1	2	2	54	.38	.045	10	32	.44	120	.14	2	1.45	.04	.21	1	1
L119+00N 49+00E	1	31	29	206	.2	31	9	309	2.50	125	5	ND	1	51	1	6	2	42	.34	.052	4	84	.66	85	.11	8	1.62	.03	.25	1	12
STD C/AU-S	20	58	36	130	7.3	69	28	1006	3.89	40	15	7	35	46	18	14	19	62	.44	.101	36	56	.86	164	.07	38	1.63	.06	.12	13	53
L119+00N 49+25E	1	57	2	52	.3	16	5	381	1.59	69	5	ND	2	753	1	13	2	31	7.94	.068	5	26	.91	154	.06	45	1.01	.10	.24	1	8

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
L119+00N 49+50E	1	52	8	59	.1	80	14	361	3.24	64	5	ND	2	45	1	4	2	47	.43	.038	7	307	1.38	115	.11	3	2.51	.03	.18	1	9
L119+00N 49+75E	1	50	8	58	.2	30	9	410	2.45	21	5	ND	2	269	1	6	2	43	2.17	.042	8	56	.93	120	.10	15	1.47	.04	.31	1	8
L119+00N 50+25E	1	82	8	67	.1	95	18	376	3.36	66	5	ND	2	80	1	2	4	52	.38	.031	5	393	1.80	119	.13	4	2.69	.03	.19	1	1
L119+00N 50+50E	1	92	7	55	.1	27	8	443	2.03	75	8	ND	1	380	1	7	2	35	1.92	.040	7	72	1.98	84	.08	22	1.56	.05	.19	1	4
L119+00N 50+75E	1	33	7	41	.1	19	7	427	2.31	9	5	ND	2	202	1	2	2	44	1.44	.034	8	30	1.42	108	.10	18	1.31	.05	.35	2	1
L119+00N 51+00E	1	40	7	59	.1	18	9	412	2.98	11	5	ND	3	38	1	2	2	58	.42	.048	8	33	.65	148	.14	2	1.75	.03	.36	1	1
L119+00N 51+25E	1	36	6	53	.1	24	9	512	2.81	7	5	ND	3	33	1	2	2	55	.44	.026	9	35	.54	112	.13	2	1.45	.04	.26	1	1
L119+00N 51+50E	1	26	8	51	.1	16	6	321	2.30	8	5	ND	2	27	1	2	2	44	.31	.046	7	27	.40	123	.12	2	1.57	.03	.24	1	1
L119+00N 51+75E	1	40	7	49	.1	23	8	424	2.74	8	5	ND	3	37	1	2	2	37	.50	.055	9	38	.52	116	.14	2	1.48	.04	.27	2	1
L119+00N 52+00E	1	42	8	48	.1	22	8	484	2.59	7	5	ND	2	38	1	2	2	54	.49	.052	9	38	.50	124	.12	2	1.38	.04	.25	2	1
L119+00N 52+25E	1	42	6	50	.1	22	9	461	2.70	10	5	ND	2	37	1	2	2	56	.44	.059	10	38	.55	116	.13	2	1.45	.04	.27	1	1
L119+00N 52+50E	1	37	7	47	.1	19	7	418	2.31	10	5	ND	2	70	1	2	3	51	1.14	.084	8	32	1.22	77	.11	6	1.17	.15	.28	1	1
L119+00N 52+75E	1	26	7	41	.1	18	6	405	2.21	3	5	ND	1	30	1	2	3	48	.37	.052	7	35	.32	108	.11	2	1.14	.03	.18	1	2
L119+00N 53+00E	1	23	6	38	.1	14	6	312	2.25	7	5	ND	2	26	1	2	3	48	.32	.035	7	29	.28	102	.12	2	1.20	.03	.19	2	5
L119+00N 53+25E	1	21	5	41	.1	15	6	345	2.27	7	5	ND	2	24	1	2	2	49	.30	.047	7	31	.30	102	.12	2	1.21	.03	.20	2	1
L119+00N 53+50E	1	24	6	34	.1	15	6	302	2.29	4	5	ND	2	28	1	2	3	46	.35	.021	7	32	.37	83	.12	2	1.07	.04	.18	2	1
L119+00N 53+75E	1	25	6	38	.1	18	6	433	2.25	3	5	ND	2	30	1	2	3	47	.39	.028	7	30	.35	96	.11	2	1.05	.03	.19	2	4
L119+00N 54+00E	1	36	6	38	.1	21	7	386	2.36	7	5	ND	3	33	1	2	2	50	.46	.046	8	32	.46	104	.11	3	1.02	.04	.19	1	1
L119+00N 54+25E	1	29	7	45	.1	18	7	466	2.30	4	5	ND	1	39	1	2	2	46	.44	.043	8	30	.49	107	.11	4	1.27	.04	.24	2	1
L119+00N 54+50E	1	35	6	44	.2	16	6	331	1.81	6	5	ND	2	121	1	2	2	38	2.80	.073	7	24	2.33	87	.08	8	1.10	.17	.23	1	1
L119+00N 54+75E	1	29	2	44	.1	15	6	452	1.94	8	5	ND	2	34	1	2	2	37	.42	.045	7	23	.75	105	.09	4	1.17	.04	.21	2	1
L119+00N 55+00E	1	28	8	49	.1	18	6	298	2.22	6	5	ND	2	23	1	2	2	44	.30	.074	8	28	.35	137	.12	3	1.72	.03	.21	1	250
L119+00N 55+25E	1	40	6	59	.1	21	8	403	2.81	8	5	ND	3	30	1	2	2	51	.37	.051	8	30	.57	160	.13	2	1.80	.03	.29	1	1
L119+00N 55+50E	1	57	6	64	.1	24	11	460	3.16	11	5	ND	2	30	1	2	2	51	.33	.041	7	29	.86	189	.16	2	2.29	.05	.52	1	2
L118+00N 47+75E	1	39	8	49	.1	18	8	223	2.55	15	5	ND	3	39	1	2	2	47	.34	.024	7	36	.56	99	.12	9	1.64	.03	.25	2	1
L118+00N 48+00E	1	43	6	57	.1	21	10	289	2.62	20	5	ND	1	106	1	2	2	44	.58	.017	7	63	.87	116	.11	22	1.59	.04	.31	1	6
L118+00N 48+25E	1	77	10	72	.2	35	13	464	3.44	18	5	ND	3	41	1	2	3	59	.47	.036	9	121	.95	191	.15	4	2.28	.03	.39	1	1
L118+00N 48+50E	1	64	8	63	.1	35	12	280	3.14	31	5	ND	2	43	1	2	3	54	.40	.044	6	144	1.18	156	.14	3	2.24	.03	.27	1	4
L118+00N 48+75E	1	93	8	62	.1	62	16	461	3.56	36	5	ND	3	70	1	3	4	56	.52	.026	10	179	1.62	152	.13	6	2.42	.03	.38	1	24
L118+00N 49+00E	1	45	10	65	.1	34	12	347	2.96	45	5	ND	3	35	1	2	2	51	.35	.026	7	98	.83	122	.13	2	1.95	.03	.34	1	43
L118+00N 49+25E	1	79	5	72	.1	41	13	527	3.41	25	5	ND	3	40	1	2	2	58	.56	.034	10	96	.92	165	.13	2	2.09	.03	.39	1	16
L118+00N 49+50E	1	106	8	76	.1	101	24	603	3.82	17	5	ND	2	32	1	2	2	51	.55	.033	5	414	2.75	194	.14	2	3.05	.02	.36	1	1
L118+00N 49+75E	1	62	6	71	.1	46	11	460	3.29	18	5	ND	2	41	1	2	2	60	.52	.046	11	140	1.11	189	.13	2	2.16	.03	.23	1	4
L118+00N 50+25E	1	61	6	73	.1	48	11	529	2.80	17	5	ND	3	43	1	2	2	44	.39	.030	8	178	1.03	176	.12	3	2.11	.03	.30	1	1
L118+00N 50+50E	1	84	12	73	.1	37	13	514	3.47	54	5	ND	3	49	1	3	2	57	.48	.034	8	89	.87	153	.12	4	2.21	.03	.41	1	25
L118+00N 50+75E	1	40	6	59	.1	29	9	410	2.73	43	5	ND	3	48	1	2	2	45	.32	.033	8	61	.67	144	.13	2	2.29	.03	.25	1	3
STD C/AU-S	20	59	38	134	7.0	70	28	1005	4.00	44	18	7	34	48	18	15	21	63	.44	.101	36	60	.84	179	.08	35	1.67	.07	.13	13	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	Tl %	B PPM	AL %	NA %	K %	N PPM	AU# PPB
L118+00N 51+00E	1	39	3	45	.1	22	8	264	2.66	19	5	ND	3	41	1	2	2	53	.31	.015	9	41	.59	101	.14	4	1.61	.04	.28	2	5
L118+00N 51+25E	1	40	6	49	.1	15	6	310	1.61	26	5	ND	6	1229	1	3	2	32	8.41	.080	7	17	1.79	126	.06	24	.99	.10	.25	3	1
L118+00N 51+50E	1	39	2	43	.3	18	6	355	1.93	17	16	ND	6	212	1	2	2	47	6.08	.104	7	23	1.12	124	.09	14	.91	.10	.21	3	3
L118+00N 51+75E	1	45	3	50	.1	24	9	459	2.58	12	5	ND	3	50	1	2	2	52	.56	.050	9	33	.65	105	.12	2	1.30	.13	.34	1	1
L118+00N 52+00E	1	44	5	49	.1	19	7	423	2.11	7	5	ND	4	130	1	2	2	50	3.49	.104	8	31	.59	135	.10	6	1.00	.10	.23	2	1
L118+00N 52+25E	1	34	4	50	.1	19	8	455	2.40	8	5	ND	2	39	1	2	2	53	.42	.057	9	31	.43	137	.12	4	1.38	.04	.25	1	1
L118+00N 52+50E	1	46	7	71	.2	22	9	626	2.62	15	5	ND	3	45	1	2	2	54	.45	.076	9	29	.57	157	.13	5	1.69	.04	.37	1	3
L118+00N 52+75E	1	38	7	63	.1	18	8	470	2.41	7	5	ND	2	52	1	2	2	53	.49	.084	9	30	.53	103	.12	4	1.41	.06	.33	1	2
L118+00N 53+00E	2	47	3	70	.1	21	9	456	2.48	5	5	ND	2	49	1	2	2	55	.53	.078	9	33	.81	84	.12	7	1.26	.10	.45	1	1
L118+00N 53+25E	3	44	4	60	.1	20	7	441	2.05	10	6	ND	4	164	1	2	2	45	3.34	.078	8	25	1.23	86	.09	13	1.12	.13	.41	1	1
L118+00N 53+50E	3	40	4	56	.1	26	8	489	2.30	8	5	ND	3	110	1	2	2	58	2.30	.097	9	34	1.27	135	.11	9	1.09	.20	.34	1	5
L118+00N 53+75E	2	49	7	60	.1	28	9	464	2.49	7	5	ND	3	42	1	2	2	59	.49	.092	10	34	1.82	105	.13	5	1.45	.23	.39	1	6
L118+00N 54+00E	1	44	4	70	.1	22	9	514	2.64	8	5	ND	3	35	1	2	2	51	.37	.063	9	27	.54	200	.14	2	2.06	.04	.37	1	1
L118+00N 54+25E	1	61	6	77	.1	25	11	573	2.87	8	5	ND	3	37	1	2	2	51	.42	.067	9	22	.79	232	.15	2	2.22	.05	.46	1	3
L118+00N 54+50E	1	38	6	58	.1	20	8	449	2.39	8	5	ND	3	32	1	2	2	48	.41	.050	8	27	.50	127	.12	2	1.51	.05	.24	1	1
L118+00N 54+75E	1	40	7	62	.1	22	8	524	2.43	12	5	ND	2	37	1	2	2	52	.53	.077	9	30	.62	106	.11	2	1.35	.05	.22	1	1
L118+00N 55+00E	1	46	7	107	.1	24	11	880	2.85	13	5	ND	2	39	1	2	2	52	.56	.079	6	26	.79	250	.13	3	1.95	.03	.56	1	2
L118+00N 55+25E	1	81	5	97	.1	29	14	791	3.70	13	5	ND	2	36	1	2	2	66	.46	.062	8	32	1.13	228	.17	2	2.31	.04	.72	2	1
L118+00N 55+50E	1	39	11	69	.2	24	10	655	2.77	9	5	ND	4	34	1	2	2	52	.43	.035	10	35	.60	130	.15	3	2.04	.04	.41	1	1
L118+00N 55+75E	1	50	5	73	.1	26	12	659	3.09	20	5	ND	3	34	1	2	2	59	.38	.050	8	31	.67	214	.15	2	2.32	.04	.46	2	7
L118+00N 56+00E	1	40	2	61	.1	20	6	218	2.17	12	5	ND	2	50	1	2	2	48	.94	.104	7	29	.60	95	.08	6	1.20	.04	.19	1	1
L118+00N 56+25E	1	37	4	63	.1	18	5	209	1.98	8	5	ND	4	95	1	2	2	42	4.67	.126	8	27	.75	119	.07	4	1.20	.07	.18	1	1
L118+00N 56+50E	1	44	4	93	.1	22	10	590	2.61	8	5	ND	2	37	1	2	2	49	.47	.091	8	24	.62	201	.13	3	2.01	.04	.44	1	1
L118+00N 56+75E	1	46	5	60	.1	19	10	503	2.54	6	5	ND	2	33	1	2	2	53	.39	.053	6	31	.63	177	.14	3	1.63	.04	.37	2	1
L118+00N 57+00E	1	27	2	51	.1	15	7	360	2.23	8	5	ND	2	33	1	2	2	48	.33	.037	6	28	.47	102	.13	2	1.33	.04	.27	1	1
L118+00N 57+25E	1	29	6	67	.1	17	7	630	2.28	8	5	ND	2	32	1	2	2	46	.35	.044	7	28	.35	160	.12	3	1.42	.03	.27	1	1
L118+00N 57+50E	1	65	4	62	.2	25	11	411	3.10	13	5	ND	3	48	1	2	2	70	.65	.090	11	36	.72	170	.16	2	1.64	.04	.33	1	12
L118+00N 57+75E	1	49	5	68	.1	18	11	563	2.76	12	5	ND	2	41	1	2	2	51	.56	.049	7	29	.76	216	.16	2	1.98	.04	.38	1	2
L118+00N 58+00E	1	65	3	73	.1	20	13	499	3.22	6	5	ND	2	28	1	2	2	64	.35	.042	6	33	.91	180	.17	2	2.04	.03	.71	1	1
L118+00N 58+25E	1	36	7	60	.2	16	9	394	2.57	7	6	ND	3	39	1	2	2	49	.43	.040	7	27	.62	175	.15	2	1.95	.03	.38	1	1
L118+00N 58+50E	1	38	3	94	.1	17	10	848	2.51	4	5	ND	1	26	1	2	2	45	.37	.059	5	22	.54	164	.12	2	1.82	.03	.27	1	1
L117+00N 47+50E	1	42	3	57	.1	18	7	426	2.00	8	13	ND	4	347	1	2	2	37	3.50	.046	7	31	1.20	177	.09	21	1.29	.08	.35	1	6
L117+00N 47+75E	1	48	9	60	.1	24	10	451	2.74	7	5	ND	3	41	1	2	2	62	.41	.035	9	38	.59	121	.15	5	1.50	.04	.36	1	8
L117+00N 48+00E	1	53	5	67	.1	23	11	341	3.21	11	5	ND	2	36	1	2	2	65	.39	.049	10	60	.84	124	.18	3	2.06	.04	.45	1	11
L117+00N 48+25E	1	53	5	76	.1	27	11	493	2.94	16	5	ND	3	39	1	2	2	56	.39	.043	8	68	.73	153	.15	5	1.87	.04	.37	1	16
L117+00N 48+50E	1	49	10	59	.1	30	11	334	2.82	26	5	ND	2	49	1	2	2	57	.39	.045	8	79	.79	134	.15	5	1.79	.04	.37	2	3
STD C/AU-S	21	62	38	140	7.2	72	30	1066	4.00	39	14	8	36	50	18	16	20	67	.48	.109	38	58	.88	190	.09	34	1.72	.07	.15	14	48

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	N	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L117+00N 48+75E	1	61	6	54	.1	17	5	406	1.51	78	5	ND	4	1135	1	10	2	38	13.11	.106	6	37	3.55	251	.07	53	1.55	.10	.20	2	1
L117+00N 49+00E	1	61	6	61	.1	29	10	375	3.29	25	6	ND	3	41	1	2	2	64	.46	.032	8	71	.81	132	.15	3	1.85	.04	.33	1	2
L117+00N 49+25E	1	103	5	77	.1	46	15	432	3.68	32	6	ND	3	38	1	2	2	60	.47	.038	9	137	1.24	177	.15	4	2.38	.03	.46	1	14
L117+00N 49+50E	1	154	6	75	.2	41	21	541	4.38	63	5	ND	3	43	1	2	2	74	.58	.064	8	101	1.70	233	.18	2	2.88	.03	.50	1	36
L117+00N 49+75E	1	66	9	75	.3	97	16	656	3.71	41	6	ND	3	66	1	3	2	73	.94	.072	18	157	1.58	140	.07	2	2.38	.02	.27	2	23
L117+00N 50+25E	1	59	5	74	.1	28	11	524	3.17	21	5	ND	2	37	1	2	3	54	.43	.036	9	65	.83	158	.13	2	2.23	.03	.33	1	1
L117+00N 50+50E	1	48	12	90	.2	29	11	512	2.94	48	5	ND	2	42	1	2	2	51	.43	.027	7	84	.79	148	.12	2	1.99	.03	.25	1	1
L117+00N 50+75E	1	47	7	72	.1	29	9	323	2.86	38	5	ND	3	40	1	2	2	49	.37	.044	8	71	.73	127	.12	2	2.00	.03	.22	1	16
L117+00N 51+00E	1	29	3	60	.1	19	7	174	2.32	27	5	ND	2	27	1	2	2	40	.20	.032	5	40	.45	95	.11	2	2.09	.04	.10	1	1
L117+00N 51+25E	1	84	3	63	.2	30	14	557	3.77	49	6	ND	3	42	1	3	2	66	.56	.056	10	56	.77	132	.12	3	1.98	.03	.20	1	12
L117+00N 51+50E	1	44	4	56	.1	22	9	456	2.74	18	5	ND	3	39	1	2	2	49	.39	.035	9	38	.54	109	.12	5	1.65	.04	.31	1	3
L117+00N 51+75E	1	37	2	45	.1	15	5	229	1.62	34	5	ND	3	782	1	5	2	34	6.05	.072	6	23	3.03	100	.07	21	1.22	.13	.15	2	5
L117+00N 52+00E	1	50	2	50	.1	21	8	440	2.38	23	14	ND	3	230	1	2	2	54	2.12	.077	8	31	2.34	118	.10	20	1.41	.11	.28	2	3
L117+00N 52+25E	1	36	3	47	.1	15	5	261	1.71	9	8	ND	3	660	1	2	2	35	7.08	.070	6	22	2.94	101	.07	14	1.08	.12	.21	2	1
L117+00N 52+50E	1	49	6	57	.1	19	10	500	2.57	10	7	ND	2	63	1	2	2	49	.65	.038	8	26	1.01	117	.11	12	1.58	.11	.42	1	6
L117+00N 52+75E	1	39	7	67	.1	20	7	239	2.84	11	6	ND	2	68	1	2	2	47	2.76	.055	8	33	.99	117	.12	4	1.67	.06	.38	1	1
L117+00N 53+00E	1	56	6	54	.1	18	8	395	2.32	19	8	ND	2	123	1	2	2	47	3.13	.072	7	25	1.07	121	.08	5	1.20	.13	.32	1	4
L117+00N 53+25E	1	32	7	46	.1	14	4	150	1.65	6	14	ND	3	131	1	2	2	33	9.55	.079	6	25	.72	96	.06	3	.90	.09	.17	3	1
L117+00N 53+50E	1	28	5	45	.1	19	6	250	2.11	7	5	ND	2	66	1	2	2	44	2.83	.087	8	34	.71	101	.09	2	1.17	.06	.17	1	43
L117+00N 53+75E	1	63	3	86	.2	26	12	708	3.34	22	6	ND	2	44	1	2	2	54	.72	.088	7	30	.89	223	.11	3	1.93	.03	.42	1	1
L117+00N 54+00E	1	56	7	78	.1	27	12	656	3.43	24	5	ND	2	34	1	2	2	59	.44	.068	8	32	.94	191	.13	2	2.23	.03	.46	1	1
L117+00N 54+25E	1	49	5	72	.1	27	12	634	3.43	12	5	ND	2	31	1	2	2	60	.40	.065	8	36	.92	219	.16	2	2.45	.03	.36	1	1
L117+00N 54+50E	1	62	7	85	.1	31	13	702	3.62	23	5	ND	2	32	1	2	2	63	.41	.074	8	34	.99	195	.14	2	2.30	.03	.49	1	1
L117+00N 54+75E	1	69	5	73	.1	32	13	647	3.62	21	5	ND	2	33	1	2	2	62	.43	.066	7	40	1.08	211	.14	2	2.28	.03	.47	1	1
L117+00N 55+00E	1	47	6	82	.1	26	11	627	3.14	16	5	ND	1	29	1	2	2	53	.40	.058	7	29	.84	196	.13	2	2.21	.03	.43	1	1
L117+00N 55+25E	1	46	6	88	.1	29	12	741	3.13	11	5	ND	2	27	1	2	2	55	.38	.057	6	34	.91	183	.14	3	2.24	.03	.41	1	1
L117+00N 55+50E	1	37	6	83	.1	30	11	779	2.88	13	5	ND	2	31	1	3	2	52	.40	.047	7	46	.80	201	.13	2	2.30	.04	.31	1	1
L117+00N 55+75E	1	41	3	68	.1	23	10	568	2.88	16	5	ND	2	30	1	2	2	51	.37	.051	7	29	.67	198	.13	2	2.23	.04	.32	1	1
L117+00N 56+00E	1	71	3	71	.1	20	6	201	2.51	8	5	ND	1	43	1	2	2	42	.77	.052	8	32	.86	92	.10	4	2.00	.04	.26	1	3
L117+00N 56+25E	1	47	7	85	.1	19	7	332	2.50	15	5	ND	2	44	1	2	2	40	.79	.047	6	26	.73	104	.10	4	1.70	.04	.26	1	1
L117+00N 56+50E	1	49	7	73	.1	22	8	501	2.41	20	5	ND	2	41	1	2	2	42	.40	.049	9	30	.77	101	.12	4	1.87	.04	.27	1	1
L117+00N 56+75E	1	52	8	48	.1	15	7	395	1.87	11	10	ND	3	117	1	2	2	34	4.72	.080	6	37	.78	152	.07	5	1.13	.06	.28	2	1
L117+00N 57+00E	1	53	7	61	.1	21	9	548	2.58	18	5	ND	1	32	1	2	2	47	.48	.083	6	48	.67	183	.11	3	1.48	.03	.31	1	1
L117+00N 57+25E	1	56	7	65	.1	17	12	657	2.90	49	5	ND	2	32	1	2	2	48	.42	.042	7	31	.73	208	.12	2	1.98	.03	.39	1	2
L117+00N 57+50E	1	30	7	60	.1	17	8	375	2.80	26	5	ND	2	29	1	2	2	52	.33	.034	7	28	.55	156	.14	2	1.90	.03	.29	1	1
L117+00N 57+75E	1	107	2	86	.1	18	17	656	4.25	34	5	ND	1	28	1	2	2	102	.37	.112	4	39	1.52	267	.16	2	2.43	.03	.67	1	1
STD C/AU-S	20	58	42	133	6.9	69	28	1011	3.98	39	17	8	33	48	17	16	20	63	.48	.103	36	61	.88	180	.08	37	1.72	.07	.12	12	46

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L117+00N 58+00E	1	54	10	53	.2	18	11	365	3.12	15	5	ND	2	30	1	3	2	68	.35	.033	6	30	1.01	169	.16	2	2.13	.03	.40	1	1
L117+00N 58+25E	1	67	8	67	.1	18	14	464	3.19	11	5	ND	1	27	1	2	2	56	.40	.052	3	30	1.26	271	.17	2	2.16	.02	.45	2	1
L117+00N 58+50E	1	87	8	75	.3	19	17	439	4.16	45	5	ND	2	28	1	4	2	68	.41	.056	3	40	1.54	264	.18	3	2.48	.02	.78	2	3
L116+00N 44+50E	1	41	7	55	.1	22	8	290	2.73	5	5	ND	2	43	1	2	2	57	.46	.052	9	39	.58	134	.13	3	1.55	.03	.25	1	1
L116+00N 44+75E	1	39	8	67	.1	21	9	579	2.76	12	5	ND	2	45	1	4	2	55	.55	.063	8	34	.51	159	.18	4	1.73	.04	.31	1	1
L116+00N 45+00E	5	41	8	51	.1	79	9	258	2.84	15	5	ND	3	33	1	2	2	61	.41	.044	9	46	.57	120	.16	2	1.57	.03	.28	1	1
L116+00N 45+25E	1	23	6	75	.1	17	7	621	2.31	8	5	ND	2	30	1	2	2	44	.37	.040	6	31	.41	170	.12	5	1.43	.03	.32	1	3
L116+00N 45+50E	1	32	12	62	.1	18	7	300	2.35	4	5	ND	3	62	1	2	2	51	.79	.038	8	35	.48	173	.12	3	1.37	.03	.26	1	1
L116+00N 45+75E	1	59	10	62	.2	32	11	411	3.25	7	5	ND	3	39	1	3	2	62	.53	.048	11	47	.78	200	.14	2	1.87	.03	.29	1	1
L116+00N 46+00E	1	41	8	81	.1	24	9	584	2.98	5	5	ND	3	37	1	3	2	54	.42	.021	9	42	.60	164	.14	4	1.62	.03	.37	1	1
L116+00N 46+25E	1	95	9	59	.1	30	11	433	3.41	14	5	ND	2	38	1	4	2	65	.54	.058	8	56	.83	144	.14	4	1.66	.03	.40	1	1
L116+00N 46+50E	1	37	12	68	.2	23	10	400	2.76	5	5	ND	3	33	1	2	2	49	.43	.030	10	41	.62	118	.14	4	1.66	.03	.32	1	1
L116+00N 46+75E	1	23	7	62	.2	17	7	217	2.48	6	5	ND	2	25	1	2	2	47	.27	.036	5	36	.53	77	.14	3	1.54	.03	.21	1	1
L116+00N 47+00E	1	33	9	62	.1	22	9	341	2.74	8	5	ND	2	32	1	2	3	45	.42	.037	8	37	.58	97	.13	5	1.76	.04	.34	1	1
L116+00N 47+25E	1	35	11	62	.1	19	9	407	2.77	8	5	ND	3	33	1	2	2	53	.42	.042	9	34	.57	114	.15	4	1.73	.04	.31	1	1
L116+00N 47+50E	1	37	10	71	.2	18	7	266	2.44	6	5	ND	3	40	1	2	2	43	.39	.044	8	34	.60	126	.13	5	1.81	.04	.32	1	1
L116+00N 47+75E	1	39	10	75	.1	20	9	554	2.66	8	5	ND	2	43	1	2	3	51	.43	.051	9	33	.57	183	.13	4	1.74	.03	.32	1	1
L116+00N 48+00E	1	42	11	66	.1	22	9	479	2.78	13	5	ND	2	36	1	4	2	51	.40	.040	8	45	.57	171	.13	5	1.82	.03	.33	2	3
L116+00N 48+25E	1	26	8	79	.1	16	8	562	2.23	10	5	ND	2	36	1	2	2	40	.37	.045	5	40	.53	173	.11	4	1.51	.03	.25	1	5
L116+00N 48+50E	1	57	8	85	.1	27	10	582	2.89	17	5	ND	2	45	1	2	2	53	.55	.082	8	63	.66	228	.12	3	1.80	.03	.30	1	1
L116+00N 48+75E	1	49	9	76	.1	34	11	471	2.74	19	5	ND	2	41	1	2	2	46	.45	.062	7	111	.81	207	.12	5	1.81	.03	.42	1	1
L116+00N 49+00E	1	71	9	69	.1	42	13	501	3.30	53	5	ND	2	42	1	3	2	59	.49	.082	7	118	1.27	145	.13	2	2.32	.03	.19	1	4
L116+00N 49+25E	1	54	11	58	.1	33	10	368	2.85	16	5	ND	2	33	1	3	2	51	.36	.025	9	92	.81	114	.13	5	1.77	.03	.30	1	5
L116+00N 49+50E	1	51	7	57	.2	15	4	240	1.45	37	5	ND	1	544	1	4	2	28	6.18	.079	5	30	3.39	150	.05	43	1.34	.11	.21	1	2
L116+00N 49+75E	1	105	11	71	.2	48	15	391	3.57	41	5	ND	3	63	1	6	2	58	.52	.065	10	132	1.27	171	.14	5	2.49	.03	.28	1	1
L116+00N 50+25E	1	99	10	62	.1	46	14	494	3.78	42	5	ND	2	44	1	4	2	75	.59	.055	11	87	1.13	150	.15	2	1.91	.04	.30	1	7
L116+00N 50+50E	1	63	5	68	.1	31	11	476	3.12	32	5	ND	3	40	1	2	2	55	.56	.034	10	66	.84	153	.14	2	2.03	.03	.37	1	2
L116+00N 50+75E	1	53	8	65	.1	26	9	309	2.91	21	5	ND	2	37	1	2	3	53	.35	.028	8	58	.75	135	.13	2	1.90	.04	.28	1	1
L116+00N 51+00E	1	57	6	61	.1	32	10	526	3.17	9	5	ND	2	39	1	2	2	54	.39	.029	9	60	.79	134	.14	6	1.94	.04	.44	1	2
L116+00N 51+25E	1	64	8	61	.1	29	12	803	2.71	10	5	ND	3	46	1	2	2	43	.43	.018	8	64	.84	157	.12	4	1.72	.03	.38	1	1
L116+00N 51+50E	1	83	11	83	.5	46	17	799	4.11	274	5	ND	2	36	1	8	2	51	.44	.021	6	107	1.05	133	.09	5	2.09	.03	.47	1	350
L116+00N 51+75E	1	38	6	49	.1	15	6	339	1.59	59	5	ND	1	604	1	5	3	37	5.51	.071	6	22	5.43	107	.06	24	1.28	.11	.18	2	4
L116+00N 52+50E	1	34	9	61	.2	14	5	391	1.65	6	5	ND	1	419	1	3	2	27	7.32	.064	7	16	3.55	144	.08	25	1.42	.09	.23	1	1
L116+00N 52+75E	1	229	8	37	.2	30	5	111	1.91	23	5	ND	1	41	1	5	2	31	.58	.065	10	24	.50	161	.09	3	1.76	.05	.22	1	1
L116+00N 53+00E	1	61	5	78	.1	23	8	330	2.75	18	5	ND	1	52	1	3	2	48	1.25	.062	8	27	.72	101	.09	4	1.49	.06	.35	1	1
L116+00N 53+25E	1	80	9	80	.3	30	11	546	3.13	24	5	ND	1	58	1	2	2	52	1.12	.061	9	30	.93	143	.10	3	1.78	.06	.43	1	1
STD C/AU-S	20	59	44	135	7.1	69	28	1022	3.93	42	18	7	34	48	18	16	20	64	.45	.103	36	57	.91	182	.08	33	1.61	.07	.13	14	52

SAMPLE#	MO	CU	PB	ZK	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L116+00N 53+50E	1	72	6	78	.2	37	15	850	3.81	21	5	ND	3	37	1	2	2	69	.49	.076	9	51	1.14	212	.15	2	2.48	.03	.61	1	2
L116+00N 53+75E	1	59	3	81	.1	29	13	760	3.31	25	5	ND	3	38	1	2	2	58	.50	.063	9	31	.86	209	.12	4	2.33	.04	.43	2	1
L116+00N 54+00E	1	57	11	73	.1	30	13	753	3.57	23	5	ND	3	34	1	2	2	63	.43	.070	9	37	.98	227	.14	3	2.61	.03	.46	1	1
L116+00N 54+25E	1	74	7	65	.3	32	12	494	3.40	22	5	ND	3	40	1	2	2	57	.78	.040	8	45	1.05	114	.13	4	2.18	.05	.48	1	1
L116+00N 54+75E	1	77	4	66	.1	22	6	203	2.99	4	5	ND	2	45	1	2	2	43	.70	.086	8	37	.91	77	.11	3	1.56	.05	.28	1	1
L116+00N 55+00E	1	59	3	53	.2	18	5	219	2.25	15	5	ND	3	105	1	2	2	40	4.79	.072	7	20	.98	103	.06	6	1.23	.07	.30	1	1
L116+00N 55+25E	1	75	5	59	.1	20	8	399	2.24	14	5	ND	2	62	1	2	2	36	1.15	.034	7	26	.94	105	.07	6	1.56	.08	.31	1	21
L116+00N 55+50E	1	55	4	59	.1	22	8	353	2.39	8	5	ND	2	105	1	2	2	41	2.49	.064	7	25	1.00	159	.09	5	1.66	.06	.38	1	1
L116+00N 55+75E	1	48	6	73	.1	23	11	609	3.02	14	5	ND	3	30	1	2	2	52	.40	.047	8	30	.78	193	.13	2	2.19	.03	.35	1	1
L116+00N 56+00E	1	27	3	55	.1	16	7	381	2.06	5	5	ND	2	29	1	2	2	35	.34	.047	6	22	.39	117	.10	3	1.52	.04	.24	1	1
L116+00N 56+25E	1	37	8	56	.1	20	8	519	2.55	7	5	ND	3	31	1	2	2	49	.39	.045	8	31	.42	123	.12	2	1.53	.03	.25	1	1
L116+00N 56+50E	1	32	4	50	.1	19	8	425	2.48	8	7	ND	4	32	1	2	2	49	.38	.044	9	31	.46	112	.12	3	1.53	.04	.27	1	3
L116+00N 56+75E	1	24	2	44	.1	16	7	305	2.33	7	5	ND	2	28	1	2	2	51	.35	.046	8	30	.39	80	.11	3	1.10	.04	.18	2	1
L116+00N 57+00E	1	32	5	44	.1	10	4	249	1.33	14	5	ND	4	320	1	4	2	29	7.41	.066	5	13	2.87	114	.05	13	1.11	.08	.18	2	1
L116+00N 57+25E	1	38	5	50	.1	14	7	400	2.21	9	5	ND	2	39	1	2	2	39	.45	.032	6	22	.64	111	.09	4	1.30	.04	.24	1	2
L116+00N 57+50E	1	36	3	44	.1	16	7	377	2.33	10	5	ND	3	35	1	2	2	41	.71	.021	7	27	.46	113	.11	4	1.42	.04	.32	1	1
L116+00N 57+75E	1	35	5	116	.1	16	8	775	2.33	26	5	ND	2	26	1	2	2	38	.38	.044	5	29	.50	232	.11	4	1.57	.03	.37	1	1
L116+00N 58+00E	1	134	5	71	.1	22	16	386	3.76	18	5	ND	2	28	1	2	2	65	.43	.065	4	52	1.43	190	.20	2	2.30	.02	.74	1	1
L116+00N 58+25E	1	65	4	82	.1	18	16	447	3.52	10	5	ND	2	21	1	2	2	56	.36	.028	3	65	1.28	252	.17	4	2.10	.03	.95	1	1
L116+00N 58+50E	1	148	3	76	.2	30	27	563	5.73	9	5	ND	1	23	1	2	2	135	.71	.121	2	145	2.79	378	.20	4	2.51	.01	1.02	1	1
L116+00N 58+75E	1	140	4	66	.4	24	13	292	4.95	122	5	ND	2	33	1	10	2	68	.60	.065	6	59	.99	140	.15	4	2.21	.03	.49	1	89
L115+00N 47+00E	1	51	3	51	.1	21	9	265	3.04	5	5	ND	3	50	1	2	2	61	.58	.050	8	45	.78	124	.15	3	2.14	.06	.25	1	1
L115+00N 47+25E	1	43	4	55	.1	25	11	300	3.17	4	5	ND	3	31	1	2	2	58	.40	.036	7	59	.81	105	.15	2	2.04	.04	.27	1	1
L115+00N 47+50E	1	55	9	69	.1	23	12	362	3.38	19	5	ND	2	37	1	2	2	62	.37	.037	8	45	.82	177	.16	2	2.32	.03	.33	1	1
L115+00N 47+75E	1	57	8	59	.1	25	11	287	3.33	14	5	ND	3	41	1	2	2	65	.43	.050	12	46	.81	160	.16	2	2.23	.03	.26	1	1
L115+00N 48+00E	1	54	7	54	.2	28	9	358	3.00	12	5	ND	3	51	1	2	2	53	.46	.027	10	45	.83	147	.13	4	2.15	.04	.39	1	1
L115+00N 48+25E	1	47	6	57	.1	24	9	329	2.85	18	5	ND	2	35	1	2	2	53	.39	.029	8	59	.67	158	.13	3	1.88	.03	.31	1	1
L115+00N 48+50E	1	46	6	74	.1	30	11	446	3.11	21	5	ND	3	34	1	2	2	50	.50	.045	8	80	.78	236	.15	3	2.83	.03	.21	1	1
L115+00N 48+75E	1	71	6	75	.1	35	11	490	3.41	36	5	ND	3	34	1	2	2	54	.50	.026	7	103	.93	165	.14	5	2.39	.03	.41	1	4
L115+00N 49+00E	1	63	5	57	.1	38	11	283	3.25	22	5	ND	2	36	1	2	2	61	.47	.046	7	135	1.21	120	.17	2	1.96	.03	.25	1	2
L115+00N 49+25E	1	48	14	118	.1	27	10	1366	2.57	21	5	ND	2	46	1	2	2	40	.51	.065	6	70	.71	234	.10	8	1.95	.03	.37	1	1
L115+00N 49+50E	1	39	4	64	.1	26	9	641	2.64	15	5	ND	2	32	1	2	2	44	.36	.018	8	73	.64	155	.13	5	1.80	.03	.33	1	1
L115+00N 49+75E	1	49	8	67	.1	26	9	283	2.97	19	5	ND	3	33	1	2	2	49	.37	.026	7	63	.76	137	.14	3	2.21	.03	.31	1	1
L115+00N 50+25E	1	53	7	60	.1	25	10	310	3.07	20	5	ND	2	37	1	2	2	59	.40	.028	9	55	.85	121	.15	3	1.89	.04	.32	1	3
L115+00N 50+50E	1	90	5	90	.1	26	16	962	3.23	8	5	ND	2	39	1	2	2	47	.49	.029	6	50	1.14	211	.13	5	2.22	.03	.46	1	1
L115+00N 50+75E	1	49	8	56	.1	30	11	407	2.96	18	7	ND	3	45	1	2	2	54	.43	.015	10	66	.75	119	.14	3	1.85	.03	.36	1	1
STD C/AU-S	20	57	39	131	6.8	68	27	994	3.89	41	18	7	33	47	18	15	19	63	.47	.099	35	57	.84	177	.08	34	1.77	.07	.13	12	51

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L115+00N 51+00E	1	42	11	52	.1	23	10	485	2.83	17	5	ND	2	55	1	2	3	46	.36	.013	7	55	.86	94	.13	10	1.96	.05	.34	1	1
L115+00N 51+25E	1	120	9	98	.3	30	14	764	3.86	23	5	ND	2	77	1	2	2	61	.90	.076	8	68	1.01	225	.11	10	2.23	.03	.40	1	1
L115+00N 51+50E	1	57	8	89	.1	30	11	685	3.22	32	5	ND	2	93	1	2	4	57	.57	.047	7	75	1.00	134	.13	10	2.02	.04	.44	1	1
L115+00N 51+75E	1	55	6	50	.4	16	5	219	1.54	32	5	ND	2	775	1	4	2	28	14.51	.080	5	32	1.97	134	.05	22	1.08	.10	.20	1	1
L115+00N 52+00E	1	50	4	44	.2	12	3	217	1.23	58	5	ND	2	720	1	2	3	26	8.61	.075	5	22	3.92	126	.05	58	1.16	.09	.12	2	2
L115+00N 52+50E	1	152	9	82	.4	27	10	357	3.39	19	7	ND	1	80	1	2	2	42	1.21	.107	10	35	1.91	106	.09	10	2.05	.04	.47	1	1
L115+00N 52+75E	1	41	9	79	.1	27	11	475	3.06	15	5	ND	2	42	1	2	3	55	.60	.062	5	35	.94	116	.11	5	1.89	.05	.48	1	1
L115+00N 53+00E	1	53	7	85	.1	29	12	583	3.26	16	5	ND	2	59	1	2	2	59	.86	.076	7	35	1.20	150	.12	7	2.06	.07	.60	1	1
L115+00N 53+25E	1	58	9	83	.1	29	13	774	3.48	12	5	ND	1	43	1	2	2	65	.56	.084	9	37	1.01	184	.13	13	2.36	.03	.58	1	1
L115+00N 53+50E	1	38	7	76	.1	25	10	334	2.94	14	5	ND	2	32	1	2	2	55	.45	.060	6	36	.63	60	.11	8	1.67	.04	.41	1	1
L115+00N 54+00E	1	27	7	45	.1	18	8	278	2.64	11	5	ND	2	32	1	2	2	63	.35	.047	6	36	.55	94	.15	8	1.14	.06	.24	2	1
L115+00N 54+25E	1	24	7	63	.1	17	7	446	2.45	6	5	ND	2	31	1	2	3	48	.36	.030	7	34	.42	123	.14	4	1.57	.04	.26	1	1
L115+00N 54+50E	1	43	10	62	.1	29	10	428	3.27	10	5	ND	3	38	1	2	2	67	.50	.054	11	43	.64	117	.17	2	1.77	.05	.32	1	2
L115+00N 54+75E	1	30	6	57	.1	22	9	430	2.71	7	5	ND	3	30	1	2	2	55	.40	.036	9	35	.45	103	.14	2	1.53	.04	.27	1	1
L115+00N 55+00E	1	27	6	53	.1	20	8	334	2.55	5	5	ND	3	30	1	2	3	51	.36	.034	8	31	.43	104	.14	2	1.58	.04	.25	1	1
L115+00N 55+25E	1	31	6	54	.1	21	9	380	2.69	5	5	ND	3	32	1	2	2	57	.42	.049	10	35	.46	109	.14	4	1.43	.04	.25	1	1
L115+00N 55+50E	1	34	8	55	.1	24	9	499	2.82	7	5	ND	3	35	1	2	2	53	.42	.043	9	36	.51	130	.13	4	1.72	.04	.29	1	2
L115+00N 55+75E	1	41	11	88	.2	23	10	574	3.07	11	5	ND	2	36	1	2	2	56	.44	.086	7	26	.70	178	.12	8	1.94	.04	.42	1	1
L115+00N 56+00E	1	25	11	55	.1	16	4	139	2.25	6	5	ND	2	35	1	2	2	36	.44	.066	9	32	.53	104	.13	4	1.67	.05	.24	1	1
L115+00N 56+25E	1	37	3	52	.1	20	7	338	2.37	8	5	ND	2	51	1	2	2	51	.79	.075	8	30	.76	82	.10	11	1.17	.05	.26	1	19
L115+00N 56+50E	1	31	7	54	.1	20	8	480	2.61	9	5	ND	2	33	1	2	3	52	.41	.062	8	28	.43	127	.13	4	1.73	.04	.24	1	38
L115+00N 56+75E	1	37	5	56	.1	20	8	431	2.72	13	5	ND	3	32	1	2	2	58	.37	.062	8	34	.42	123	.14	2	1.67	.04	.28	1	1
L115+00N 57+00E	1	29	7	57	.2	14	7	284	2.28	13	5	ND	3	45	1	2	2	39	.40	.033	6	25	1.05	84	.12	4	1.66	.05	.29	1	1
L115+00N 57+25E	1	33	5	51	.1	15	7	361	2.45	9	5	ND	2	40	1	2	2	46	.39	.039	6	27	.83	108	.12	4	1.71	.04	.27	1	1
L115+00N 57+50E	1	55	4	75	.1	15	9	674	2.63	16	5	ND	2	31	1	2	2	42	.45	.037	4	32	.63	196	.13	11	1.71	.03	.47	1	1
L115+00N 57+75E	1	69	7	88	.1	15	13	789	2.97	15	6	ND	1	30	1	2	2	46	.48	.058	3	35	1.00	239	.15	10	1.92	.03	.54	1	1
L115+00N 58+00E	1	64	2	69	.1	17	16	432	3.72	17	5	ND	2	31	1	2	2	60	.45	.037	4	43	1.29	238	.22	3	2.39	.03	.79	1	2
L115+00N 58+25E	1	91	6	84	.1	14	13	520	3.70	23	5	ND	1	28	1	2	2	56	.48	.027	4	42	1.02	253	.18	6	2.28	.03	.72	1	1
L115+00N 58+50E	1	100	5	71	.1	18	18	592	3.85	12	5	ND	1	24	1	2	2	60	.58	.045	3	48	1.50	299	.22	2	2.22	.02	.85	1	1
L114+00N 44+00E	1	48	6	59	.1	25	11	584	3.18	4	5	ND	2	44	1	2	2	61	.45	.030	8	44	.76	183	.15	4	1.87	.04	.37	1	1
L114+00N 44+25E	1	34	5	54	.1	19	9	316	2.89	4	5	ND	2	37	1	2	2	58	.37	.028	7	37	.58	134	.17	2	1.86	.04	.32	1	1
L114+00N 44+50E	1	50	7	68	.1	23	11	439	3.06	6	5	ND	2	34	1	2	2	57	.40	.035	6	59	.76	151	.17	4	1.96	.03	.32	1	1
L114+00N 44+75E	1	61	4	62	.1	29	11	362	3.67	8	5	ND	2	40	1	2	2	71	.49	.033	9	47	.76	148	.19	3	2.14	.04	.35	1	1
L114+00N 45+00E	1	172	5	105	.1	34	13	299	2.23	10	5	ND	1	30	1	2	2	32	.41	.204	3	115	1.06	153	.11	3	2.02	.03	.07	1	1
L114+00N 45+50E	1	93	8	65	.1	26	10	311	3.48	10	5	ND	2	37	1	2	2	57	.42	.045	9	46	.70	126	.16	6	2.29	.03	.40	1	1
L114+00N 45+75E	1	38	7	46	.1	24	10	229	2.84	8	5	ND	2	35	1	2	2	70	.29	.012	5	48	.72	70	.18	4	1.31	.04	.27	1	2
STD C/AU-S	20	59	42	135	7.0	71	28	1022	4.00	42	18	7	34	49	18	14	23	64	.49	.104	36	61	.83	183	.08	33	1.65	.07	.13	14	50

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
L114+00N 46+00E	1	25	2	40	.2	15	7	203	2.22	2	5	ND	2	34	1	2	2	52	.28	.015	4	32	.54	69	.13	2	1.03	.03	.25	1	1
L114+00N 46+25E	1	79	2	76	.3	24	11	442	3.13	2	5	ND	3	57	1	2	2	55	.46	.058	11	32	.79	182	.14	3	2.08	.03	.46	1	4
L114+00N 46+50E	1	32	4	49	.1	18	8	243	2.48	8	5	ND	2	42	1	2	2	51	.33	.028	7	34	.60	76	.12	4	1.25	.04	.28	1	1
L114+00N 46+75E	1	28	5	50	.2	17	7	315	1.99	2	7	ND	2	223	1	2	2	34	1.52	.019	7	23	.80	100	.10	18	1.32	.03	.34	1	1
L114+00N 47+00E	1	41	6	53	.2	25	10	308	2.82	2	5	ND	3	46	1	2	2	57	.35	.027	13	35	.69	109	.15	3	1.63	.04	.38	1	1
L114+00N 47+25E	1	63	5	94	.3	20	10	1014	2.85	5	5	ND	3	42	1	2	2	41	.48	.079	7	28	.48	257	.10	5	2.15	.03	.27	1	1
L114+00N 47+50E	1	42	5	59	.1	19	8	374	2.53	6	5	ND	4	35	1	2	2	48	.36	.036	7	31	.50	152	.12	2	1.68	.04	.32	1	1
L114+00N 47+75E	1	45	3	52	.1	22	9	324	2.87	3	5	ND	2	32	1	2	2	57	.35	.041	7	33	.62	144	.14	2	1.56	.04	.29	1	1
L114+00N 48+00E	1	73	7	54	.1	33	12	576	3.14	5	5	ND	3	38	1	2	2	67	.50	.055	9	44	.80	145	.13	2	1.46	.03	.33	1	2
L114+00N 48+25E	1	88	4	57	.1	33	12	455	3.49	19	5	ND	3	36	1	2	2	67	.49	.044	9	66	.93	140	.14	2	1.81	.03	.38	1	16
L114+00N 48+50E	1	90	7	60	.2	39	13	412	3.56	21	5	ND	3	34	1	2	2	77	.48	.038	9	98	1.04	158	.15	2	1.87	.03	.49	1	8
L114+00N 48+75E	1	67	7	59	.1	39	13	569	3.09	17	5	ND	3	31	1	3	2	55	.41	.023	8	103	.91	153	.13	2	1.79	.02	.43	1	3
L114+00N 49+00E	1	101	5	120	.3	19	17	1214	3.17	37	5	ND	1	45	1	2	2	49	.68	.042	5	34	.76	192	.07	20	1.97	.02	.35	1	1
L114+00N 49+25E	1	40	6	119	.1	20	7	1293	1.92	18	5	ND	1	37	1	2	2	30	.51	.029	4	59	.46	217	.08	10	1.42	.02	.33	1	2
L114+00N 49+50E	1	38	4	53	.1	23	9	369	2.27	13	5	ND	2	34	1	2	2	41	.29	.029	4	69	.66	93	.11	6	1.37	.03	.33	1	3
L114+00N 49+75E	1	24	4	125	.1	10	5	488	1.44	30	5	ND	1	112	1	2	2	25	.66	.159	3	18	.40	163	.06	14	1.00	.02	.17	1	1
L114+00N 50+25E	1	67	3	64	.3	27	10	325	2.91	28	5	ND	3	53	1	2	2	56	.38	.058	13	57	.81	125	.13	5	1.81	.03	.37	1	5
L114+00N 50+50E	1	73	2	45	.2	20	6	263	1.66	18	5	ND	1	621	1	2	2	33	13.27	.107	5	28	1.25	201	.05	30	.95	.08	.22	3	2
L114+00N 50+75E	1	60	6	63	.1	30	11	522	2.74	18	7	ND	2	121	1	2	2	47	1.10	.049	9	62	1.51	95	.11	31	1.65	.04	.46	1	9
L114+00N 51+00E	1	77	7	66	.1	34	15	358	3.57	20	5	ND	3	47	1	3	2	62	.49	.035	8	111	1.24	165	.14	4	2.21	.03	.43	1	3
L114+00N 51+25E	1	72	7	68	.1	29	13	630	3.30	55	5	ND	3	41	1	2	2	62	.63	.064	7	66	.84	184	.11	6	1.75	.03	.41	1	21
L114+00N 51+50E	1	95	4	59	.3	35	14	569	3.47	162	5	ND	3	42	1	3	2	69	.67	.099	8	66	1.21	146	.11	2	1.57	.04	.23	1	175
L114+00N 51+75E	1	36	5	56	.1	19	8	484	2.29	15	5	ND	2	47	1	2	2	42	.37	.040	7	30	.91	120	.10	2	1.56	.04	.22	1	5
L114+00N 52+00E	1	37	5	62	.1	23	10	566	2.63	14	5	ND	2	54	1	2	2	47	.37	.078	9	59	.92	171	.11	2	2.02	.04	.32	2	1
L114+00N 52+25E	1	24	5	51	.1	16	7	344	2.32	11	5	ND	2	33	1	2	2	47	.28	.043	6	28	.46	115	.11	2	1.36	.03	.23	1	1
L114+00N 52+50E	1	41	5	92	.1	17	8	333	2.19	6	5	ND	2	28	1	2	2	39	.33	.085	4	35	.46	181	.09	2	1.36	.03	.19	1	1
L114+00N 52+75E	1	68	5	63	.2	21	14	464	2.97	3	5	ND	1	33	1	2	2	47	.54	.038	6	65	.94	178	.12	2	1.83	.02	.30	1	1
L114+00N 53+00E	1	114	5	72	.1	25	17	483	3.70	4	5	ND	2	27	1	2	2	53	.40	.028	5	110	1.52	268	.16	2	2.72	.03	.63	1	2
L114+00N 53+25E	1	112	5	71	.1	28	21	527	4.10	15	5	ND	1	34	1	2	2	60	.58	.066	6	127	1.64	255	.13	3	2.46	.02	.42	1	3
L114+00N 54+00E	1	42	4	52	.1	24	9	313	2.72	8	5	ND	3	27	1	2	2	56	.29	.023	10	38	.59	80	.13	2	1.32	.04	.38	1	2
L114+00N 54+25E	1	41	2	50	.1	23	8	410	2.57	13	5	ND	2	33	1	2	2	54	.48	.063	9	29	.49	103	.11	2	1.12	.03	.22	1	1
L114+00N 54+50E	1	30	6	58	.1	20	8	351	2.56	4	5	ND	3	30	1	2	3	51	.37	.038	10	33	.46	111	.13	2	1.50	.03	.26	1	1
L114+00N 54+75E	1	19	5	48	.1	15	6	191	2.15	2	5	ND	2	23	1	2	4	47	.26	.027	5	30	.38	80	.14	2	1.14	.03	.20	1	2
L114+00N 55+00E	1	20	6	42	.1	14	6	211	1.71	5	5	ND	3	19	1	2	2	36	.20	.028	6	21	.34	92	.08	2	.88	.03	.22	1	1
L114+00N 55+25E	1	23	5	52	.1	17	8	228	2.42	2	5	ND	2	28	1	2	2	51	.33	.034	7	29	.47	106	.14	2	1.37	.04	.29	1	1
L114+00N 55+50E	1	33	4	58	.1	24	9	465	2.55	2	5	ND	3	35	1	2	2	53	.46	.055	10	37	.49	106	.13	2	1.38	.04	.29	1	1
STD C/AU-S	20	60	41	137	7.0	71	29	1035	3.92	39	20	8	35	49	18	13	22	65	.47	.106	37	57	.84	185	.08	34	1.74	.07	.15	13	51

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MS	BA	TI	B	AL	WA	K	N	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L114+00N 55+75E	1	23	7	48	.1	16	6	316	2.06	2	5	ND	2	28	1	2	2	37	.29	.037	7	23	.36	117	.11	2	1.49	.04	.22	1	1
L114+00N 56+00E	1	25	6	46	.1	17	7	383	2.21	8	5	ND	4	30	1	2	3	45	.37	.060	8	23	.35	110	.10	6	1.30	.03	.20	1	3
L114+00N 56+25E	1	37	8	46	.1	21	7	401	2.52	9	5	ND	1	35	1	2	3	52	.40	.063	8	30	.44	98	.10	7	1.22	.03	.26	1	7
L114+00N 56+50E	1	38	6	46	.1	20	8	367	2.47	6	5	ND	2	35	1	2	2	47	.50	.037	9	29	.67	83	.10	3	1.36	.04	.26	1	5
L114+00N 56+75E	1	40	6	48	.1	19	7	358	2.41	6	5	ND	2	34	1	2	3	46	.38	.038	8	28	.69	87	.11	8	1.30	.04	.26	1	1
L114+00N 57+00E	1	37	8	53	.2	15	8	450	2.31	7	5	ND	2	44	1	2	2	40	.44	.038	6	25	1.14	95	.10	4	1.44	.04	.32	1	1
L114+00N 57+25E	1	43	6	48	.2	21	8	365	2.50	15	5	ND	2	37	1	2	3	51	.44	.061	9	33	1.19	96	.11	4	1.41	.04	.19	1	6
L114+00N 57+50E	1	27	7	43	.1	13	6	256	2.16	2	5	ND	2	27	1	2	2	38	.30	.022	6	27	.38	90	.11	3	1.22	.03	.24	1	2
L114+00N 58+00E	1	152	8	87	1.0	26	17	376	3.64	256	7	ND	1	53	1	11	2	50	2.82	.098	2	91	1.07	138	.09	7	1.43	.04	.57	1	325
L114+00N 58+25E	1	96	10	101	.2	17	18	690	4.23	103	8	ND	1	25	1	2	3	60	.42	.029	2	30	1.39	270	.14	8	2.14	.02	.85	1	69
L114+00N 58+50E	2	162	61	59	27.6	7	7	158	7.62	3959	10	6	1	187	1	155	2	33	.42	.093	2	9	.35	85	.01	15	.54	.05	.70	1	6020
L113+00N 46+50E	1	72	7	64	.1	34	12	663	3.11	11	5	ND	2	50	1	2	3	62	.69	.070	10	44	.82	172	.12	5	1.69	.03	.38	1	34
L113+00N 46+75E	1	29	7	53	.1	19	9	317	2.50	5	5	ND	1	35	1	2	2	52	.31	.038	5	42	.65	107	.13	5	1.34	.03	.22	1	2
L113+00N 47+00E	1	28	7	55	.1	19	9	715	2.41	5	5	ND	1	30	1	2	2	41	.35	.033	7	31	.63	134	.10	4	1.68	.03	.25	1	1
L113+00N 47+25E	1	85	10	70	.1	28	14	463	3.85	15	7	ND	3	36	1	2	2	68	.42	.055	8	53	1.06	175	.15	3	2.30	.02	.41	1	1
L113+00N 47+50E	1	71	13	65	.1	27	12	474	3.73	12	5	ND	2	42	1	2	2	69	.53	.070	10	40	1.03	179	.16	6	2.09	.03	.26	1	3
L113+00N 47+75E	1	71	10	104	.2	21	14	766	3.79	16	7	ND	2	24	1	2	3	82	.37	.073	6	52	1.02	222	.08	2	2.82	.03	.08	1	5
L113+00N 48+00E	1	71	9	64	.1	26	12	443	3.34	19	5	ND	2	37	1	2	2	63	.47	.044	10	45	.84	176	.14	5	1.99	.03	.20	1	4
L113+00N 48+25E	1	64	7	80	1.5	17	10	812	2.70	233	5	ND	1	54	1	4	2	43	1.21	.077	5	26	.52	161	.06	12	1.66	.03	.26	1	119
L113+00N 48+50E	1	31	7	58	.1	20	9	421	2.47	9	5	ND	2	30	1	2	2	44	.29	.026	6	56	.64	111	.12	5	1.51	.03	.35	1	1
L113+00N 48+75E	1	39	8	53	.1	26	10	414	2.60	12	5	ND	1	31	1	2	4	48	.32	.025	6	74	.81	150	.12	6	1.79	.03	.27	1	2
L113+00N 49+00E	1	42	7	57	.1	29	11	472	2.88	12	5	ND	2	31	1	2	2	49	.38	.029	6	90	.85	156	.12	7	1.97	.03	.31	1	4
L113+00N 49+25E	1	34	7	82	.2	26	9	327	2.71	17	5	ND	1	28	1	2	2	44	.30	.054	5	67	.75	176	.12	3	2.01	.03	.24	1	1
L113+00N 49+50E	1	35	4	75	.1	21	8	382	2.58	15	8	ND	3	26	1	2	2	46	.29	.037	6	53	.63	127	.10	3	1.52	.03	.29	1	1
L113+00N 49+75E	1	42	8	58	.1	23	9	314	2.52	17	5	ND	2	26	1	2	2	40	.34	.032	5	54	.61	149	.11	2	1.93	.03	.17	1	1
L113+00N 50+25E	1	65	10	67	.1	32	13	397	3.66	26	5	ND	2	38	1	2	2	65	.47	.038	9	74	1.09	183	.14	2	2.40	.03	.23	1	2
L113+00N 50+50E	1	54	11	79	.1	23	11	593	3.12	13	7	ND	2	30	1	2	2	48	.41	.035	7	66	.82	173	.12	7	2.05	.03	.45	1	1
L113+00N 50+75E	1	94	12	74	.1	40	18	983	4.40	38	8	ND	2	26	1	2	2	63	.55	.026	6	176	1.59	206	.11	9	2.61	.03	.53	1	18
L113+00N 51+00E	1	35	7	65	.1	21	9	347	2.61	28	5	ND	2	34	1	2	2	43	.38	.033	7	49	.62	153	.11	7	1.88	.03	.27	1	6
L113+00N 51+25E	1	30	8	49	.2	20	8	375	2.42	16	6	ND	2	41	1	2	2	42	.31	.026	5	48	.63	97	.10	6	1.44	.03	.27	2	2
L113+00N 51+50E	1	33	5	45	.1	18	8	504	2.25	10	7	ND	1	64	1	2	2	35	.45	.013	5	31	.93	63	.09	16	1.50	.04	.23	1	1
L113+00N 51+75E	1	41	3	44	.1	16	6	349	1.64	9	5	ND	1	723	1	2	2	30	7.89	.081	6	25	2.89	93	.06	14	1.01	.10	.17	1	6
L113+00N 52+00E	1	35	5	36	.2	15	5	287	1.34	21	5	ND	1	1138	1	2	4	39	8.76	.105	6	21	4.98	163	.05	21	1.07	.07	.11	2	1
L113+00N 52+25E	1	25	8	45	.2	15	7	287	2.40	7	5	ND	2	46	1	2	2	40	.29	.019	7	27	.59	81	.11	3	1.64	.03	.23	1	15
L113+00N 52+50E	1	31	5	57	.1	19	7	503	2.50	7	5	ND	2	32	1	2	2	46	.39	.034	7	28	.46	170	.11	2	1.46	.03	.24	1	6
L113+00N 52+75E	1	38	6	75	.1	18	8	293	2.64	8	5	ND	2	30	1	2	2	43	.34	.064	5	30	.54	186	.11	2	2.28	.02	.08	1	1
STD C/AU-5	20	57	37	133	7.1	70	28	1001	3.91	40	16	7	33	47	18	15	23	63	.47	.101	35	58	.90	178	.08	36	1.78	.07	.13	13	53

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 %	WA %	K %	W PPM	AU# PPB
L113+00N 53+00E	1	50	6	58	.1	18	9	250	2.57	6	5	ND	2	28	1	2	2	40	.35	.056	6	38	.67	226	.12	2	2.11	.03	.14	1	1
L113+00N 53+25E	1	109	8	60	.1	25	11	308	3.26	7	5	ND	2	37	1	2	2	61	.54	.041	10	47	.94	178	.13	2	2.06	.03	.19	1	1
L113+00N 53+50E	1	77	9	66	.1	20	12	503	3.89	15	5	ND	2	33	1	2	2	61	.53	.043	8	47	.76	190	.09	3	1.93	.02	.27	1	11
L112+00N 43+00E	1	100	7	59	.2	32	13	523	3.77	8	5	ND	3	34	1	2	2	69	.51	.048	9	52	.99	145	.12	4	1.94	.03	.42	1	7
L112+00N 43+25E	1	48	8	49	.1	22	10	409	2.98	7	5	ND	2	36	1	2	2	57	.33	.020	9	36	.71	122	.12	4	1.65	.03	.35	3	1
L112+00N 43+50E	1	23	5	40	.1	17	9	249	2.62	2	5	ND	3	39	1	2	4	37	.25	.009	6	32	.84	60	.13	19	1.61	.08	.34	1	1
L112+00N 43+75E	1	88	8	64	.1	22	11	360	3.57	6	5	ND	2	42	1	2	3	66	.43	.060	8	32	.86	158	.13	2	2.23	.02	.25	1	1
L112+00N 44+00E	1	48	5	42	.1	20	8	381	2.33	5	5	ND	2	226	1	2	2	48	1.93	.044	8	31	1.39	144	.12	25	1.35	.09	.30	3	1
L112+00N 44+25E	1	37	4	47	.1	14	7	520	1.86	2	5	ND	1	219	1	2	2	31	1.75	.049	5	23	1.34	113	.08	44	1.19	.09	.30	1	1
L112+00N 44+50E	1	69	7	65	.1	32	14	532	3.91	6	5	ND	2	43	1	2	3	78	.57	.054	9	52	1.15	222	.17	6	2.22	.03	.40	1	1
L112+00N 44+75E	1	67	10	73	.1	27	12	562	3.50	6	5	ND	2	34	1	2	3	60	.43	.033	8	44	.85	175	.14	7	2.01	.03	.48	1	1
L112+00N 45+00E	1	79	6	60	.1	31	15	419	3.56	6	5	ND	2	33	1	2	2	70	.51	.044	7	60	1.42	179	.17	3	2.36	.03	.33	1	1
L112+00N 45+25E	1	48	7	64	.1	21	10	269	2.95	10	5	ND	2	38	1	2	3	50	.40	.022	8	40	.68	133	.14	4	2.00	.03	.29	1	1
L112+00N 45+50E	1	53	3	56	.2	20	7	274	1.83	10	5	ND	2	754	1	2	2	33	6.88	.056	5	31	2.38	108	.07	28	1.19	.13	.30	2	1
L112+00N 45+75E	1	30	5	50	.1	16	7	176	2.49	2	5	ND	2	30	1	2	3	54	.24	.015	4	32	.56	83	.14	3	1.39	.03	.19	2	1
L112+00N 46+00E	1	59	10	61	.2	30	11	257	3.37	5	5	ND	3	43	1	2	2	69	.39	.041	11	49	.75	117	.16	4	1.99	.03	.30	1	1
L112+00N 46+25E	1	34	4	52	.1	20	8	391	2.58	5	5	ND	2	41	1	2	3	49	.43	.027	8	32	.48	139	.11	4	1.50	.03	.22	2	1
L112+00N 46+50E	1	46	6	57	.2	23	9	494	2.53	6	5	ND	2	52	1	2	2	50	.51	.032	10	35	.60	147	.11	4	1.55	.03	.29	1	1
L112+00N 46+75E	1	34	8	53	.1	25	9	281	2.81	2	5	ND	2	32	1	2	2	51	.38	.019	6	59	.75	131	.14	2	1.95	.04	.19	1	1
L112+00N 47+00E	1	37	7	79	.1	16	9	684	2.68	9	5	ND	2	25	1	2	2	54	.36	.090	6	26	.44	162	.12	2	2.72	.03	.08	1	2
L112+00N 47+25E	1	44	10	126	.1	23	13	1144	3.02	9	5	ND	2	30	1	2	2	49	.37	.067	6	38	.66	248	.12	3	2.54	.03	.29	1	1
L112+00N 47+50E	1	100	5	65	.1	38	14	568	4.27	16	5	ND	2	50	1	2	2	89	.59	.087	11	49	1.21	178	.17	2	2.09	.04	.42	1	1
L112+00N 47+75E	1	50	8	66	.1	24	10	568	3.13	9	5	ND	2	37	1	2	2	56	.48	.038	8	39	.68	177	.14	3	1.88	.03	.38	1	2
L112+00N 48+00E	1	73	8	51	.1	26	10	351	3.24	5	5	ND	2	34	1	2	2	61	.51	.035	8	51	.76	135	.14	2	1.71	.03	.31	1	1
L112+00N 48+25E	1	102	11	90	.4	26	14	500	3.91	24	5	ND	2	35	1	2	2	65	.53	.035	6	62	1.15	172	.12	4	2.21	.03	.56	1	3
L112+00N 48+50E	1	43	8	58	.2	25	10	210	2.61	14	5	ND	2	38	1	2	2	54	.37	.017	8	79	.81	112	.14	3	1.47	.03	.31	1	1
L112+00N 48+75E	1	101	10	130	.1	27	18	1115	3.54	15	5	ND	1	40	1	2	2	50	.56	.123	3	73	1.71	409	.13	5	2.42	.02	.33	1	1
L112+00N 49+00E	1	60	5	59	.1	34	12	499	3.01	11	5	ND	2	34	1	2	2	49	.56	.025	7	102	.96	175	.13	2	2.03	.02	.34	1	1
L112+00N 49+25E	1	115	7	66	.1	49	14	427	3.71	59	5	ND	2	42	1	2	2	66	.63	.078	9	150	1.25	165	.12	2	2.09	.02	.31	1	1
L112+00N 49+50E	1	73	12	55	.2	37	11	394	3.30	32	5	ND	3	36	1	3	3	62	.56	.047	10	82	.87	152	.13	2	1.92	.03	.36	2	21
L112+00N 49+75E	1	77	7	66	.2	23	16	410	3.37	10	5	ND	2	24	1	2	2	47	.38	.061	4	88	1.61	246	.15	2	2.28	.02	.75	1	1
L112+00N 50+25E	1	70	6	62	.1	31	13	424	3.34	27	5	ND	2	44	1	2	2	59	.55	.061	8	69	.97	190	.14	4	2.32	.03	.25	1	1
L112+00N 50+50E	1	74	8	58	.2	42	13	592	3.65	23	5	ND	3	45	1	2	2	66	.71	.051	10	59	.93	136	.13	3	1.77	.04	.31	1	1
L112+00N 50+75E	1	81	6	80	.2	31	16	829	4.22	34	5	ND	2	38	1	2	2	65	.61	.036	7	71	1.10	162	.11	8	2.10	.03	.61	1	20
L112+00N 51+00E	1	47	5	66	.2	25	10	455	2.95	22	5	ND	2	31	1	3	2	50	.44	.020	8	65	.71	140	.12	2	1.88	.03	.34	1	14
L112+00N 51+25E	1	57	8	70	.1	19	13	478	3.32	6	5	ND	1	29	1	2	2	51	.35	.037	4	41	1.01	237	.14	4	2.15	.03	.41	1	1
STD C/AU-S	20	58	44	132	6.8	69	28	1000	3.97	39	18	7	33	47	17	15	20	63	.48	.101	35	56	.88	179	.08	36	1.72	.07	.12	12	54

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
L112+00N 51+50E	1	45	5	59	.1	23	10	402	2.87	11	5	ND	2	37	1	2	2	53	.46	.037	9	47	.62	157	.13	2	2.16	.04	.31	1	4
L112+00N 51+75E	1	69	4	59	.1	32	12	584	3.50	15	5	ND	3	39	1	2	2	67	.51	.035	10	58	.87	172	.13	2	1.79	.04	.33	1	6
L112+00N 52+00E	1	109	4	64	.1	22	17	345	3.74	10	5	ND	2	34	1	2	2	65	.48	.055	5	46	1.37	230	.20	7	2.42	.03	.38	1	1
L112+00N 52+25E	1	23	2	49	.1	10	5	216	1.83	3	7	ND	2	229	1	2	2	32	3.16	.057	5	30	.91	107	.08	7	1.08	.08	.26	1	1
L112+00N 52+50E	1	33	3	59	.1	20	8	207	2.78	6	5	ND	2	28	1	2	3	51	.25	.076	7	45	.57	116	.13	2	2.13	.03	.17	1	1
L112+00N 52+75E	1	38	5	59	.1	17	10	313	2.71	7	5	ND	2	29	1	2	2	46	.32	.050	4	26	.70	182	.15	2	2.30	.03	.22	1	1
L112+00N 53+00E	1	37	2	50	.1	17	9	198	2.80	6	5	ND	2	32	1	2	2	54	.30	.029	5	39	.73	129	.16	2	1.81	.03	.18	1	1
L112+00N 53+25E	1	82	5	105	.1	15	14	734	3.38	6	5	ND	1	28	1	2	3	72	.42	.086	3	33	1.10	365	.15	2	2.14	.03	.46	1	1
L112+00N 53+50E	1	89	2	72	.1	21	14	462	3.70	4	5	ND	2	36	1	2	2	71	.54	.056	6	45	1.16	241	.18	8	2.37	.04	.72	1	1
L112+00N 53+75E	1	28	2	51	.2	13	7	169	2.21	2	5	ND	2	26	1	2	2	40	.28	.040	3	34	.48	106	.12	6	1.49	.04	.14	1	1
L112+00N 54+00E	1	111	2	61	.1	33	16	714	3.17	5	5	ND	1	26	1	2	2	47	.48	.030	4	165	1.40	201	.15	6	2.11	.03	.58	1	1
L112+00N 54+25E	1	141	10	56	.3	12	4	677	.83	11	5	ND	2	460	1	4	4	21	22.22	.180	3	14	.57	178	.04	25	.65	.07	.09	1	1
L112+00N 54+75E	1	19	3	34	.1	13	6	214	2.15	2	5	ND	1	27	1	2	3	49	.31	.014	5	30	.42	67	.13	6	1.02	.06	.19	1	1
L112+00N 55+00E	1	22	4	45	.1	18	7	428	2.47	4	5	ND	2	32	1	2	2	49	.39	.025	9	33	.44	104	.14	5	1.39	.04	.21	1	1
L112+00N 55+25E	1	34	2	43	.3	24	9	312	2.68	7	5	ND	3	33	1	2	2	57	.42	.030	11	39	.47	75	.15	4	1.39	.04	.25	1	1
L112+00N 55+50E	1	28	3	47	.1	16	8	302	2.35	4	5	ND	2	31	1	2	3	50	.31	.036	7	29	.42	98	.13	2	1.39	.04	.15	1	1
L112+00N 55+75E	1	24	2	44	.1	18	7	286	2.40	2	5	ND	3	27	1	2	2	49	.34	.027	8	34	.36	89	.14	4	1.43	.04	.23	1	1
L112+00N 56+00E	1	26	4	44	.1	17	6	334	2.23	3	5	ND	2	29	1	2	2	43	.32	.031	8	27	.34	109	.12	2	1.50	.04	.20	1	1
L112+00N 56+25E	1	26	4	48	.1	19	7	343	2.48	4	5	ND	3	28	1	2	2	53	.35	.038	8	32	.36	107	.13	2	1.50	.04	.20	1	1
L112+00N 56+50E	1	28	3	38	.1	18	7	385	2.40	5	5	ND	2	35	1	2	2	51	.43	.037	8	31	.37	93	.11	2	1.19	.04	.23	1	116
L112+00N 56+75E	1	29	4	38	.2	11	4	272	1.32	17	11	ND	2	366	1	2	2	33	6.42	.069	6	19	5.44	129	.07	9	1.34	.13	.15	1	1
L112+00N 57+00E	1	24	5	40	.1	16	7	458	2.23	6	5	ND	2	34	1	2	2	46	.41	.051	7	30	.40	125	.11	2	1.27	.03	.22	1	1
L111+00N 42+50E	1	77	2	65	.1	31	11	475	3.55	11	5	ND	2	44	1	2	2	69	.47	.053	9	61	.93	196	.15	2	2.21	.03	.36	1	1
L111+00N 42+75E	1	34	3	51	.2	14	8	593	2.26	4	5	ND	2	526	1	2	2	25	5.24	.072	7	30	1.94	159	.08	23	1.32	.10	.36	1	1
L111+00N 43+00E	1	37	2	61	.1	20	9	316	2.38	9	5	ND	2	38	1	2	3	46	.34	.088	7	36	.54	129	.11	3	1.93	.04	.16	1	1
L111+00N 43+25E	1	67	7	81	.4	29	12	438	3.61	30	5	ND	1	36	1	3	2	53	.48	.038	5	61	.70	225	.09	2	2.17	.03	.17	1	22
L111+00N 43+50E	1	44	4	66	.1	20	10	332	3.01	2	5	ND	3	37	1	2	2	56	.52	.045	8	46	.75	182	.15	5	2.02	.03	.25	1	1
L111+00N 43+75E	1	38	4	69	.1	14	8	522	2.81	5	5	ND	2	33	1	2	3	44	.45	.049	5	22	.35	193	.09	2	2.12	.03	.22	1	15
L111+00N 44+00E	1	81	2	69	.1	21	15	428	4.53	12	5	ND	2	35	1	2	2	87	.58	.055	7	49	1.12	131	.13	2	2.80	.02	.19	1	1
L111+00N 44+50E	1	46	3	48	.1	19	10	360	3.07	2	5	ND	3	46	1	2	3	52	.35	.017	7	37	.84	103	.15	2	2.02	.05	.35	1	2
L111+00N 44+75E	1	29	7	45	.2	9	4	354	1.05	18	5	ND	2	1242	1	2	2	24	15.45	.058	4	16	3.51	168	.06	4	1.13	.09	.12	3	1
L111+00N 45+00E	1	304	23	221	.2	7	2	104	.66	10	5	ND	1	1039	1	2	3	15	21.01	.102	2	11	1.57	155	.03	18	.43	.08	.07	1	1
L111+00N 45+25E	1	29	4	40	.1	17	7	249	2.38	9	5	ND	2	52	1	2	2	39	.50	.010	4	35	.87	71	.12	5	1.75	.05	.27	2	3
L111+00N 45+50E	1	29	2	57	.1	16	9	557	2.44	4	5	ND	2	34	1	2	2	49	.38	.025	4	39	.53	101	.12	2	1.53	.03	.20	1	1
L111+00N 45+75E	1	35	2	55	.1	18	8	208	2.60	4	5	ND	2	36	1	2	2	53	.40	.019	7	39	.52	111	.15	2	1.64	.04	.21	1	1
L111+00N 46+00E	1	57	4	108	.1	16	10	520	2.93	6	5	ND	2	38	1	2	3	53	.45	.153	5	30	.53	237	.09	3	2.10	.04	.17	1	1
STD C/AU-S	20	59	36	135	6.9	70	28	1020	4.00	41	18	7	35	48	18	15	22	64	.50	.104	36	60	.93	182	.08	37	1.76	.07	.14	12	53

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	N	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L111+00N 46+25E	1	88	11	97	.7	30	12	593	3.64	47	5	ND	3	38	1	2	2	61	.62	.036	8	46	.90	175	.12	2	1.87	.03	.34	1	35
L111+00N 46+50E	1	27	4	47	.2	16	7	246	2.38	4	5	ND	2	23	1	2	2	45	.26	.020	5	32	.49	110	.12	5	1.43	.03	.23	1	1
L111+00N 46+75E	1	31	6	40	.1	17	8	191	2.55	2	5	ND	2	31	1	2	2	49	.31	.021	6	34	.63	144	.13	2	1.48	.03	.24	2	1
L111+00N 47+00E	1	43	6	81	.1	25	11	1051	2.77	5	5	ND	2	31	1	2	2	40	.46	.027	6	102	.89	255	.10	6	1.96	.03	.41	1	1
L111+00N 47+25E	1	44	4	39	.2	16	6	359	2.09	10	7	ND	2	165	1	2	4	39	2.65	.060	6	29	3.27	144	.07	13	1.49	.06	.43	1	1
L111+00N 47+50E	1	58	6	45	.2	29	15	355	3.43	6	6	ND	2	33	1	2	3	72	.45	.048	3	175	1.83	103	.11	3	2.26	.02	.39	1	5
L111+00N 47+75E	1	71	4	38	.1	19	9	384	2.19	6	6	ND	2	306	1	2	2	30	6.93	.057	6	47	1.93	133	.09	5	1.28	.10	.34	1	1
L111+00N 48+00E	1	83	4	46	.2	13	7	389	1.68	15	14	ND	1	342	1	2	2	24	3.23	.040	5	25	4.61	179	.07	12	1.65	.09	.27	1	10
L111+00N 48+25E	1	65	10	66	.1	23	15	427	3.77	27	5	ND	1	21	1	2	3	59	.26	.028	3	52	1.27	127	.12	2	2.37	.03	.19	1	1
L111+00N 48+50E	1	58	6	51	.1	26	10	325	3.24	18	5	ND	2	31	1	2	2	57	.40	.030	7	64	.83	149	.13	2	1.78	.03	.26	1	6
L111+00N 48+75E	1	36	5	45	.2	23	9	303	2.51	11	5	ND	2	29	1	2	2	43	.30	.020	5	78	.73	107	.11	2	1.52	.03	.25	2	7
L111+00N 49+00E	1	44	4	71	.2	18	10	512	2.79	34	5	ND	2	23	1	2	2	43	.26	.033	4	56	.92	173	.12	3	2.04	.02	.32	1	1
L111+00N 49+25E	1	58	5	82	.1	22	12	631	3.40	49	5	ND	2	29	1	3	2	54	.40	.029	6	66	.84	207	.12	3	2.23	.03	.30	1	6
L111+00N 49+50E	1	45	5	56	.1	25	10	408	2.92	17	5	ND	3	31	1	3	2	50	.41	.027	8	65	.71	165	.12	3	1.83	.03	.27	1	1
L111+00N 49+75E	1	64	9	84	.1	17	13	589	3.07	29	5	ND	2	26	1	2	2	51	.38	.069	4	65	1.16	290	.12	2	2.27	.03	.23	1	1
L111+00N 50+25E	1	64	4	64	.1	30	11	443	3.21	26	5	ND	2	31	1	2	3	50	.43	.024	8	74	.84	140	.12	4	1.93	.03	.36	1	13
L111+00N 50+50E	1	65	10	57	.2	32	11	601	3.25	16	5	ND	2	35	1	2	2	55	.50	.026	10	57	.81	144	.12	3	1.74	.03	.36	1	84
L111+00N 50+75E	1	41	5	60	.1	20	8	331	2.71	14	5	ND	2	32	1	2	3	46	.40	.028	8	44	.62	128	.12	4	1.65	.03	.30	1	2
L111+00N 51+00E	1	36	4	60	.1	25	10	573	2.67	14	5	ND	2	26	1	2	2	46	.34	.023	7	60	.70	165	.11	3	1.52	.02	.33	1	3
L111+00N 51+25E	1	32	7	62	.1	20	8	649	2.36	11	5	ND	2	31	1	2	2	38	.36	.022	6	48	.56	175	.09	3	1.43	.02	.28	1	1
L111+00N 51+50E	1	38	3	52	.1	19	8	308	2.62	10	5	ND	2	24	1	2	2	44	.29	.024	6	47	.62	150	.12	2	1.61	.03	.28	1	1
L111+00N 51+75E	1	139	3	78	.1	25	21	649	4.76	12	5	ND	2	28	1	2	2	73	.46	.040	5	59	2.04	265	.20	2	2.59	.02	.91	1	5
L111+00N 52+00E	1	56	6	65	.6	19	11	517	3.16	70	5	ND	2	33	1	2	2	45	.38	.028	6	36	.67	141	.09	3	1.66	.03	.39	1	74
L111+00N 52+25E	1	55	3	40	.2	14	6	183	1.90	5	5	ND	1	134	1	2	2	28	1.22	.065	6	30	2.03	150	.08	5	1.42	.05	.20	1	15
L111+00N 52+50E	1	49	4	59	.1	23	10	479	2.81	15	5	ND	3	40	1	2	2	48	.53	.033	9	46	.72	176	.12	4	1.60	.03	.40	1	1
L111+00N 52+75E	1	76	6	53	.1	34	12	464	3.66	12	5	ND	2	33	1	2	2	61	.51	.049	8	57	.96	154	.12	2	1.79	.03	.41	1	11
L111+00N 53+00E	1	39	8	52	.2	18	8	254	2.69	4	5	ND	3	33	1	2	2	45	.48	.024	8	33	.57	152	.12	3	1.91	.03	.17	1	13
L110+00N 42+00E	1	33	3	48	.1	19	7	446	2.29	2	6	ND	2	95	1	2	2	42	.88	.041	8	37	1.99	123	.09	12	1.43	.05	.36	1	1
L110+00N 42+25E	1	66	5	52	.2	28	12	345	3.28	4	5	ND	2	41	1	2	2	52	.59	.037	8	50	1.23	96	.10	15	1.57	.03	.46	1	1
L110+00N 43+00E	1	123	5	33	.2	34	10	514	1.84	25	5	ND	1	522	1	2	2	42	8.15	.037	3	64	4.36	71	.05	41	.93	.16	.29	1	1
L110+00N 43+25E	1	39	7	84	.1	17	9	1191	2.51	2	5	ND	2	42	1	2	2	38	.55	.024	6	40	.59	261	.09	5	1.66	.03	.33	1	1
L110+00N 43+50E	1	56	7	65	.1	24	11	523	3.43	5	5	ND	2	31	1	2	2	61	.38	.027	8	48	.76	156	.13	3	1.75	.03	.40	1	1
L110+00N 43+75E	1	25	4	51	.1	15	8	468	2.64	2	5	ND	2	28	1	2	2	48	.34	.017	6	32	.58	129	.13	2	1.64	.03	.28	1	1
L110+00N 44+00E	1	64	2	68	.1	28	13	537	4.31	4	5	ND	2	34	1	2	3	62	.59	.030	7	113	.95	210	.12	3	2.81	.03	.22	1	3
L110+00N 44+25E	1	73	2	56	.1	25	12	419	3.72	8	5	ND	3	31	1	2	2	63	.47	.038	8	61	.92	159	.15	2	2.03	.03	.33	1	1
L110+00N 44+50E	1	67	4	57	.1	21	11	377	3.52	6	5	ND	2	41	1	2	2	58	.58	.056	8	52	.98	156	.17	3	2.06	.03	.34	1	1
STD C/AU-S	19	56	37	128	6.6	66	27	977	3.82	40	19	6	33	46	17	15	21	62	.46	.099	35	56	.90	174	.08	37	1.66	.07	.13	12	52

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L110+00N 44+75E	1	37	5	50	.2	19	9	230	2.89	5	5	ND	3	35	1	2	2	61	.38	.027	6	41	.68	113	.18	2	1.69	.04	.25	1	6
L110+00N 45+00E	1	34	2	61	.2	20	8	297	2.72	3	5	ND	2	34	1	2	2	52	.42	.033	5	47	.62	137	.15	3	1.78	.03	.20	1	1
L110+00N 45+25E	1	40	7	63	.1	22	12	494	3.13	7	5	ND	1	37	1	2	2	55	.45	.044	5	58	.95	158	.16	2	1.94	.03	.23	1	1
L110+00N 45+50E	1	95	6	106	.1	23	16	627	3.24	10	5	ND	2	24	1	2	2	51	.32	.138	3	61	1.00	220	.12	2	2.16	.03	.12	1	2
L110+00N 45+75E	1	71	3	98	.1	21	14	594	3.14	5	5	ND	2	32	1	2	2	56	.41	.139	4	55	.91	237	.11	2	2.15	.03	.19	1	1
L110+00N 46+00E	1	165	4	71	.1	33	20	448	4.54	11	5	ND	1	38	1	2	2	70	.59	.096	4	134	1.93	183	.18	2	2.61	.02	.88	1	3
L110+00N 46+25E	1	30	5	26	.1	12	4	237	.89	6	5	ND	1	641	1	2	2	18	16.81	.063	2	11	1.40	110	.03	11	.48	.11	.18	2	2
L110+00N 46+50E	1	46	7	115	.1	19	13	732	2.99	14	5	ND	1	44	1	2	2	49	.42	.197	3	56	.86	198	.11	3	1.76	.02	.26	1	1
L110+00N 47+00E	1	30	2	56	.1	17	9	230	2.67	8	5	ND	2	30	1	2	2	49	.32	.036	4	31	.62	134	.13	2	1.77	.03	.08	1	1
L110+00N 47+25E	1	31	3	50	.1	17	7	191	2.65	5	5	ND	2	30	1	2	2	58	.33	.024	5	36	.60	93	.17	2	1.42	.04	.23	1	2
L110+00N 47+50E	1	33	6	48	.1	20	8	194	2.85	5	5	ND	2	31	1	2	2	66	.31	.029	6	46	.63	80	.17	2	1.46	.03	.18	2	1
L110+00N 47+75E	1	59	7	60	.1	17	12	243	3.39	4	5	ND	2	35	1	2	2	62	.49	.034	5	50	.83	151	.17	2	2.30	.03	.47	1	1
L110+00N 48+00E	1	120	6	70	.3	20	20	1097	4.69	13	6	ND	3	41	1	2	2	82	.78	.060	6	53	1.29	197	.16	6	2.54	.02	.77	1	1
L110+00N 48+25E	1	40	4	80	.1	21	8	269	2.36	6	5	ND	2	31	1	2	2	44	.34	.059	4	81	.68	108	.12	3	1.95	.03	.14	1	1
L110+00N 48+50E	1	39	11	76	.2	16	9	295	2.74	18	5	ND	2	29	1	3	2	49	.32	.031	5	36	.55	144	.13	2	1.97	.04	.19	1	1
L110+00N 48+75E	1	79	8	76	.2	35	12	502	3.28	26	8	ND	3	37	1	2	2	57	.56	.043	7	106	.96	172	.13	4	1.98	.03	.34	1	12
L110+00N 49+00E	1	147	8	144	.3	27	16	1548	3.59	34	5	ND	1	77	1	2	2	62	2.03	.129	5	92	1.20	297	.10	14	1.90	.02	.68	1	1
L110+00N 49+25E	1	84	8	66	.2	39	13	479	3.55	22	5	ND	3	38	1	2	2	62	.49	.045	8	117	1.04	169	.14	4	2.00	.03	.50	1	16
L110+00N 49+50E	1	39	5	56	.1	25	9	276	2.80	11	5	ND	2	31	1	2	2	55	.32	.018	6	80	.69	106	.15	2	1.57	.03	.31	1	4
L110+00N 49+75E	1	44	7	52	.1	28	10	390	2.81	11	7	ND	3	28	1	2	2	51	.34	.023	8	72	.68	120	.14	4	1.71	.03	.34	1	3
L110+00N 50+25E	1	81	7	58	.2	36	12	414	3.32	23	5	ND	3	34	1	3	2	60	.43	.030	10	86	.85	131	.14	2	1.77	.03	.35	1	38
L110+00N 50+50E	1	39	5	64	.1	24	8	388	2.68	15	5	ND	2	29	1	2	2	46	.36	.021	7	52	.60	111	.12	4	1.62	.03	.32	1	2
L110+00N 50+75E	1	60	5	68	.2	25	10	300	3.29	22	5	ND	3	32	1	2	2	54	.40	.030	8	59	.83	159	.14	4	2.14	.03	.42	1	1
L110+00N 51+00E	1	31	7	41	.1	19	7	186	2.06	8	5	ND	2	27	1	2	2	39	.23	.017	6	42	.58	83	.12	2	1.34	.04	.28	1	1
L110+00N 51+25E	1	54	7	64	.1	26	10	338	3.08	16	5	ND	3	30	1	2	2	57	.34	.027	7	61	.87	173	.14	2	2.04	.03	.30	1	1
L110+00N 51+50E	1	90	3	54	.1	34	13	569	3.11	26	5	ND	2	81	1	3	2	65	3.10	.132	7	63	1.07	182	.09	2	1.25	.05	.15	1	2
L110+00N 51+75E	1	80	9	60	.2	32	13	420	3.63	15	5	ND	3	36	1	2	2	60	.44	.019	10	62	.97	104	.12	3	2.02	.03	.41	1	4
L110+00N 52+00E	1	57	2	101	.1	11	6	975	2.11	37	5	ND	2	34	1	2	2	34	.39	.086	4	11	.30	228	.08	5	1.56	.03	.18	1	1
L110+00N 52+25E	1	50	3	60	.1	21	10	433	2.98	13	5	ND	3	35	1	2	2	54	.48	.050	8	39	.75	142	.14	2	1.87	.03	.31	1	1
L110+00N 52+50E	1	15	6	28	.1	5	2	139	.63	6	5	ND	1	838	1	2	2	15	12.35	.040	4	5	5.42	135	.03	13	1.03	.08	.07	2	1
L110+00N 52+75E	1	28	5	44	.1	16	8	354	2.40	5	5	ND	2	48	1	2	2	44	.53	.021	5	29	.69	121	.12	2	1.67	.03	.22	2	5
L110+00N 53+00E	1	26	3	48	.1	14	7	304	2.16	7	5	ND	2	21	1	2	2	35	.34	.023	5	21	.43	123	.11	2	1.93	.03	.17	2	1
L110+00N 53+25E	1	91	8	59	.3	40	13	426	3.59	11	5	ND	3	41	1	2	2	64	.56	.031	11	101	1.08	191	.15	2	2.16	.03	.27	1	3
L110+00N 53+50E	1	50	3	66	.1	17	13	521	3.04	5	5	ND	3	25	1	2	2	55	.36	.024	6	52	.85	186	.14	2	1.93	.03	.61	1	1
L110+00N 54+00E	1	22	5	112	.1	9	6	295	1.78	2	5	ND	1	18	1	2	2	28	.17	.033	2	23	.34	146	.09	3	1.25	.03	.24	1	1
L110+00N 54+25E	1	42	3	54	.1	15	9	249	2.70	3	5	ND	2	27	1	2	2	48	.38	.033	5	41	.66	141	.13	2	1.61	.03	.29	1	1
STD C/AU-S	20	59	38	135	6.9	70	29	1021	3.79	42	15	8	35	48	18	16	23	64	.45	.104	37	59	.86	182	.08	33	1.74	.07	.14	12	53

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	AUX PPB
L110+00N 54+50E	1	92	3	114	.1	21	14	944	3.24	15	5	ND	2	26	1	2	2	44	.36	.059	4	94	1.07	335	.15	5	2.46	.02	.63	1	1
L110+00N 54+75E	1	80	2	66	.1	19	11	398	2.85	10	5	ND	1	23	1	2	2	49	.31	.026	4	61	.95	170	.14	3	1.75	.03	.58	1	1
L110+00N 55+00E	1	41	3	56	.1	17	9	359	2.74	7	5	ND	2	28	1	2	2	53	.35	.045	7	41	.74	168	.14	2	1.76	.03	.29	1	3
L110+00N 55+25E	1	22	3	48	.1	14	6	252	2.35	7	5	ND	1	25	1	2	2	50	.25	.028	4	30	.43	84	.12	2	1.17	.03	.24	2	245
L110+00N 55+50E	1	25	3	47	.1	11	5	243	1.65	8	6	ND	1	151	1	2	2	29	3.41	.041	4	16	.78	79	.07	11	1.09	.08	.26	2	1
L110+00N 56+00E	1	32	4	60	.1	18	8	321	2.38	8	5	ND	2	31	1	2	2	41	.38	.043	7	23	.52	124	.10	4	1.80	.03	.29	1	1
L110+00N 56+25E	1	40	4	89	.1	23	10	646	2.65	11	5	ND	1	30	1	2	2	45	.38	.064	7	22	.64	196	.12	2	2.00	.03	.34	1	1
L110+00N 56+50E	1	48	6	69	.2	23	9	540	2.74	17	5	ND	2	36	1	2	2	49	.41	.059	8	23	.66	167	.11	2	1.80	.03	.44	1	3
L110+00N 56+75E	1	53	5	63	.1	18	6	249	2.20	14	9	ND	2	168	1	2	2	39	4.93	.052	7	21	1.03	107	.08	6	1.23	.07	.36	1	1
L110+00N 57+00E	1	18	2	20	.1	8	1	2395	.29	5	5	ND	1	807	1	2	6	6	32.84	.078	2	1	1.29	166	.01	9	.14	.04	.05	3	1
L109+00N 42+00E	1	14	4	18	.1	4	2	207	.46	8	9	ND	2	1033	1	2	6	11	8.65	.028	2	9	9.20	48	.01	135	.25	.87	.24	2	1
L109+00N 43+25E	1	75	5	21	.1	8	3	95	.76	5	6	ND	1	564	1	2	3	9	20.56	.030	3	17	1.28	181	.02	8	.41	.08	.07	3	1
L109+00N 43+50E	1	30	6	65	.1	14	7	278	2.30	6	5	ND	1	55	1	3	2	40	1.05	.021	4	37	.56	125	.11	4	1.60	.03	.29	1	1
L109+00N 43+75E	1	24	4	35	.1	12	7	202	2.13	9	5	ND	1	28	1	2	2	43	.29	.008	3	34	.51	71	.10	3	1.11	.03	.28	3	1
L109+00N 44+00E	1	54	3	51	.1	20	11	327	3.22	7	5	ND	2	35	1	2	2	63	.48	.038	6	49	.86	183	.14	2	1.78	.03	.25	1	2
L109+00N 44+25E	1	94	5	76	.1	24	18	390	3.63	7	5	ND	1	22	1	2	2	50	.34	.093	2	87	1.52	233	.13	2	2.17	.02	.68	1	1
L109+00N 44+50E	1	43	3	72	.1	18	11	501	2.71	7	5	ND	1	21	1	2	2	38	.28	.032	4	68	.84	215	.11	4	1.85	.03	.50	1	1
L109+00N 44+75E	1	51	7	56	.1	24	11	415	3.25	5	5	ND	2	30	1	2	2	59	.39	.027	6	57	.77	160	.15	2	1.91	.03	.28	1	1
L109+00N 45+00E	1	43	4	53	.1	21	10	304	2.68	2	5	ND	1	24	1	2	2	55	.35	.020	6	71	.78	120	.12	2	1.84	.03	.30	1	4
L109+00N 45+25E	1	50	6	55	.1	14	8	233	2.09	5	5	ND	1	24	1	2	2	43	.37	.076	3	27	.55	132	.10	3	1.54	.03	.12	1	1
L109+00N 45+50E	1	173	4	60	.1	23	22	517	4.79	17	5	ND	1	32	1	2	2	97	.69	.098	5	65	1.29	126	.13	2	2.24	.02	.21	1	1
L109+00N 45+75E	1	48	3	92	.2	16	11	524	2.84	27	5	ND	2	28	1	2	2	47	.41	.062	4	33	.68	190	.11	4	1.97	.02	.30	1	1
L109+00N 46+00E	1	100	8	62	.1	21	16	387	3.70	14	5	ND	2	34	1	2	2	70	.43	.086	5	57	1.28	180	.14	2	2.32	.03	.43	1	1
L109+00N 46+25E	1	63	3	72	.1	19	15	553	2.97	7	5	ND	1	20	1	2	2	52	.25	.033	3	38	.85	210	.12	2	1.92	.03	.29	1	1
L109+00N 46+50E	1	195	4	91	.2	21	21	641	4.59	35	5	ND	2	39	1	2	2	82	.60	.103	5	73	1.58	202	.12	2	2.43	.02	.58	1	2
L109+00N 46+75E	1	25	6	54	.1	14	7	249	2.15	10	5	ND	1	23	1	2	2	41	.28	.040	4	28	.44	99	.10	2	1.40	.02	.17	1	1
L109+00N 47+00E	1	38	4	52	.2	22	9	279	2.84	5	5	ND	3	38	1	2	2	52	.36	.017	11	37	.66	115	.13	3	1.83	.03	.28	1	2
L109+00N 47+25E	1	25	5	63	.1	14	8	559	2.45	4	5	ND	1	32	1	2	2	42	.42	.043	4	28	.52	135	.11	3	1.94	.02	.26	1	1
L109+00N 47+75E	1	55	8	60	.2	26	11	555	2.99	8	5	ND	2	28	1	2	2	55	.36	.025	8	53	.73	120	.13	3	1.60	.02	.44	1	1
L109+00N 48+00E	1	43	5	56	.1	16	11	227	2.50	6	5	ND	2	28	1	3	2	44	.41	.029	6	37	.56	123	.12	3	1.58	.03	.17	1	1
L109+00N 48+50E	1	29	4	44	.1	15	7	173	2.26	8	5	ND	2	28	1	2	2	46	.24	.011	7	33	.50	84	.12	2	1.26	.03	.25	1	1
L109+00N 48+75E	1	69	6	61	.1	24	10	362	2.99	15	5	ND	2	43	1	2	2	54	.78	.026	8	48	.70	147	.12	3	1.57	.02	.36	1	12
L109+00N 49+00E	1	52	9	67	.1	28	13	482	2.95	19	5	ND	2	29	1	2	2	49	.46	.020	8	97	.84	149	.12	2	1.94	.02	.30	1	1
L109+00N 49+50E	1	21	4	39	.1	16	7	190	1.96	9	5	ND	2	25	1	2	2	34	.25	.016	5	49	.51	67	.10	3	1.45	.03	.19	1	1
L109+00N 50+25E	1	41	5	62	.2	19	8	444	2.33	9	5	ND	2	28	1	2	2	42	.38	.034	6	50	.58	137	.10	4	1.40	.02	.34	1	1
L109+00N 50+50E	1	51	5	44	.1	31	10	316	2.68	13	5	ND	2	28	1	3	2	55	.33	.020	8	81	.75	100	.12	2	1.35	.03	.25	1	2
STD C/AU-S	20	59	39	135	7.0	69	28	1023	3.92	41	19	7	35	49	18	17	20	64	.52	.103	36	57	.91	182	.08	33	1.70	.07	.14	14	53

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
L109+00N 50+75E	1	55	3	48	.1	26	9	692	2.07	8	8	ND	3	310	1	3	2	32	5.59	.093	8	42	2.23	144	.08	9	1.26	.07	.27	2	19
L109+00N 51+00E	1	85	5	58	.3	45	13	387	3.48	23	12	ND	2	46	1	2	2	64	.59	.085	10	115	1.24	152	.12	2	1.90	.03	.27	1	10
L109+00N 51+25E	1	50	2	53	.1	32	12	354	3.08	15	5	ND	3	37	1	2	2	65	.44	.051	12	67	.92	112	.14	2	1.64	.03	.22	1	12
L109+00N 51+50E	1	78	6	60	.1	34	11	308	3.33	17	7	ND	3	32	1	2	2	53	.45	.036	9	91	.91	164	.13	2	2.26	.03	.23	1	5
L109+00N 51+75E	1	69	6	56	.1	32	11	442	3.29	19	5	ND	2	36	1	2	2	55	.52	.033	9	73	.86	171	.13	2	1.97	.03	.32	1	6
L109+00N 52+00E	1	23	2	58	.1	18	7	320	2.39	17	5	ND	2	21	1	2	2	40	.29	.017	6	38	.50	110	.11	3	1.80	.03	.14	1	2
L109+00N 52+25E	1	64	72	449	1.6	19	10	613	3.24	55	5	ND	1	32	1	3	2	39	.51	.038	5	38	.61	83	.08	10	1.82	.03	.41	1	137
L109+00N 52+50E	1	38	3	48	.1	19	7	326	2.23	11	9	ND	2	82	1	2	2	38	1.30	.026	8	33	.76	87	.09	8	1.18	.03	.27	1	7
L108+00N 42+50E	1	17	2	26	.1	11	2	337	.65	5	5	ND	2	1199	1	2	4	15	15.68	.021	2	12	6.40	67	.02	50	.41	.49	.18	3	1
L108+00N 42+75E	1	32	2	43	.1	20	7	289	2.43	7	5	ND	1	65	1	2	2	47	.60	.014	7	37	.73	87	.10	6	1.21	.04	.23	1	4
L108+00N 43+00E	1	27	5	94	.2	15	7	378	2.29	10	6	ND	2	32	1	2	2	45	.32	.023	5	34	.41	104	.10	5	1.21	.03	.20	1	2
L108+00N 43+25E	1	28	3	62	.1	15	8	454	2.29	3	5	ND	1	24	1	2	2	41	.28	.052	4	27	.48	148	.10	2	1.69	.03	.15	1	5
L108+00N 43+50E	1	33	3	56	.1	18	8	455	2.65	2	5	ND	2	26	1	2	2	50	.31	.027	6	35	.48	150	.12	2	1.61	.03	.21	1	1
L108+00N 43+75E	1	20	3	85	.1	10	5	727	1.78	4	5	ND	1	29	1	2	2	31	.38	.057	3	24	.30	166	.08	5	1.17	.02	.20	1	1
L108+00N 44+00E	1	121	7	81	1.1	31	20	594	5.63	129	5	ND	2	35	1	2	2	87	.54	.045	4	157	1.70	196	.10	4	2.42	.02	.48	1	61
L108+00N 44+25E	1	115	9	119	.3	18	16	550	5.53	26	5	ND	2	31	1	6	2	95	.63	.044	5	35	.76	160	.07	6	2.07	.02	.41	1	6
L108+00N 44+50E	1	64	4	77	.3	18	11	423	3.47	28	5	ND	2	34	1	4	2	53	.43	.029	6	34	.73	188	.12	2	2.04	.03	.21	1	5
L108+00N 44+75E	1	27	3	47	.1	17	6	172	2.29	6	5	ND	2	27	1	2	2	39	.25	.036	5	29	.45	120	.13	3	1.91	.03	.18	1	1
L108+00N 45+00E	1	24	6	50	.1	16	7	229	2.30	5	5	ND	2	23	1	2	2	44	.26	.032	3	34	.48	129	.12	3	1.62	.02	.18	1	2
L108+00N 45+25E	1	81	4	91	.1	17	16	514	3.27	15	5	ND	2	22	1	2	2	57	.35	.073	4	42	.71	158	.12	2	2.17	.03	.28	1	1
L108+00N 45+50E	1	71	5	59	.1	24	12	324	3.47	13	5	ND	2	37	1	2	2	65	.48	.036	7	45	.88	144	.15	2	2.09	.03	.22	1	1
L108+00N 45+75E	1	50	12	121	.2	17	9	342	2.79	55	5	ND	1	17	1	2	2	52	.31	.158	4	28	.50	130	.11	3	2.48	.03	.06	1	1
L108+00N 46+00E	1	35	6	63	.1	15	9	245	2.80	6	5	ND	1	26	1	2	2	54	.39	.027	4	33	.56	108	.15	2	2.25	.03	.14	1	2
L108+00N 46+25E	1	71	2	64	.1	21	13	262	3.89	25	5	ND	2	32	1	3	2	72	.40	.045	7	47	.99	130	.17	2	2.38	.03	.25	1	4
L108+00N 46+50E	1	69	6	191	.1	13	12	1798	3.68	7	5	ND	1	27	1	2	2	64	.38	.065	4	32	.83	348	.12	4	2.19	.03	.43	1	3
L108+00N 46+75E	1	26	4	86	.2	12	6	488	2.12	4	5	ND	2	31	1	2	2	38	.42	.037	4	29	.40	206	.11	4	1.31	.02	.31	1	1
L108+00N 47+00E	1	64	5	59	.1	30	11	320	3.45	4	5	ND	2	42	1	2	2	68	.55	.031	12	50	.74	168	.15	2	1.93	.03	.22	1	5
L108+00N 47+25E	1	30	4	58	.1	17	8	289	2.59	4	5	ND	2	29	1	2	2	50	.35	.024	6	34	.54	127	.13	2	1.57	.03	.18	1	3
L108+00N 47+50E	1	9	3	83	.1	8	4	256	1.33	2	5	ND	1	23	1	2	2	21	.29	.105	2	17	.20	138	.06	4	1.23	.02	.09	1	8
L108+00N 47+75E	1	42	5	54	.2	17	9	187	2.90	6	5	ND	2	28	1	2	2	49	.35	.026	5	39	.64	123	.14	2	1.87	.03	.26	1	1
L108+00N 48+00E	1	21	2	45	.2	12	7	425	2.07	2	7	ND	2	62	1	2	2	36	1.16	.017	4	24	.46	81	.09	7	1.35	.02	.25	1	7
L108+00N 48+25E	1	34	2	74	.1	14	7	470	2.22	2	5	ND	2	27	1	2	2	38	.36	.016	5	28	.41	128	.11	4	1.48	.03	.24	1	1
L108+00N 48+75E	1	63	5	65	.1	21	11	415	3.22	4	5	ND	2	28	1	2	2	58	.45	.030	8	54	.84	155	.16	3	1.78	.03	.37	1	1
L108+00N 49+00E	1	51	7	78	.1	21	10	660	2.93	11	5	ND	1	28	1	2	2	54	.44	.028	6	50	.70	155	.15	6	1.76	.03	.36	1	4
L108+00N 49+25E	1	46	3	60	.1	26	10	335	2.94	9	5	ND	2	28	1	2	2	56	.33	.026	7	71	.82	118	.15	4	1.71	.03	.34	1	6
L108+00N 49+50E	1	21	5	46	.1	18	7	334	1.97	6	5	ND	2	28	1	2	2	36	.25	.014	5	54	.52	93	.10	5	1.35	.03	.26	1	1
STD C/AU-S	20	58	41	134	6.9	69	28	1011	3.99	40	15	7	34	48	18	18	19	64	.45	.103	36	59	.94	179	.08	39	1.66	.07	.12	12	52

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
L108+00N 49+75E	1	38	4	82	.1	17	9	770	3.21	28	5	ND	2	31	1	2	2	55	.46	.030	6	53	.51	138	.09	6	1.93	.03	.22	1	7
L108+00N 50+25E	1	69	2	62	.1	25	13	266	3.59	17	5	ND	3	37	1	2	2	66	.50	.033	9	65	1.00	135	.17	2	2.27	.03	.23	1	2
L108+00N 50+50E	1	25	6	62	.1	17	7	343	2.50	12	5	ND	1	28	1	2	2	45	.32	.019	4	43	.54	134	.12	5	1.71	.03	.16	1	1
L108+00N 50+75E	1	36	3	56	.3	19	9	290	2.67	14	5	ND	1	28	1	2	2	46	.32	.025	5	57	.77	138	.14	2	1.90	.03	.14	1	1
L108+00N 51+00E	1	82	2	74	.3	33	13	525	3.54	18	8	ND	3	41	1	2	2	62	.49	.042	9	74	.95	139	.15	4	1.95	.03	.45	1	16
L108+00N 51+25E	1	57	4	72	.3	25	10	680	3.09	63	5	ND	2	34	1	2	2	48	.44	.032	6	52	.63	158	.11	4	1.68	.03	.32	1	98
L108+00N 51+50E	1	52	5	67	.1	37	13	424	3.32	10	5	ND	2	34	1	2	2	52	.48	.040	7	72	1.00	181	.15	2	2.09	.04	.20	1	7
L108+00N 51+75E	1	31	3	80	.1	22	10	625	2.88	23	5	ND	2	28	1	2	2	49	.40	.030	6	61	.67	207	.13	6	2.24	.03	.23	2	1
L108+00N 52+00E	1	34	4	69	.3	20	8	315	2.66	11	5	ND	2	27	1	2	2	47	.35	.018	7	59	.61	128	.13	2	1.80	.03	.28	1	2
L108+00N 52+25E	1	37	17	87	.4	19	9	414	2.67	28	5	ND	2	28	1	2	2	45	.41	.015	6	47	.56	109	.13	2	1.74	.03	.22	1	155
L108+00N 52+50E	1	73	6	81	.4	26	11	584	3.11	10	5	ND	2	33	1	2	2	50	.46	.024	8	85	.83	144	.13	7	2.05	.03	.44	1	7
L108+00N 52+75E	1	46	2	51	.2	24	9	473	2.67	11	5	ND	2	74	1	2	2	49	.73	.029	9	45	.85	140	.11	4	1.57	.04	.26	1	4
L108+00N 53+00E	1	41	2	53	.2	19	8	472	2.32	6	6	ND	2	104	1	2	2	44	.94	.037	7	33	1.30	114	.10	9	1.30	.05	.31	1	4
L108+00N 53+25E	1	23	3	39	.1	12	6	295	2.09	6	5	ND	1	41	1	2	2	41	.37	.011	5	29	.51	100	.12	3	1.23	.04	.21	2	2
L108+00N 53+50E	1	57	3	56	.1	20	10	538	2.89	7	5	ND	2	32	1	2	2	51	.55	.018	7	47	.59	131	.14	4	1.64	.03	.37	1	6
L108+00N 54+00E	1	43	2	77	.1	19	8	625	2.62	7	5	ND	2	27	1	2	2	47	.37	.022	5	50	.57	168	.13	4	1.57	.03	.30	1	1
L108+00N 54+25E	1	27	2	59	.2	11	9	229	2.28	2	5	ND	1	23	1	2	2	35	.28	.019	3	21	.54	214	.15	3	2.21	.04	.20	1	1
L108+00N 54+75E	1	26	2	81	.1	16	6	1027	1.92	6	5	ND	1	26	1	2	2	31	.35	.030	4	69	.48	239	.10	5	1.78	.03	.23	2	1
L108+00N 55+00E	1	21	6	74	.2	12	6	263	2.09	16	5	ND	2	25	1	2	2	39	.26	.011	4	25	.36	102	.12	7	1.39	.03	.20	1	1
L108+00N 55+25E	1	37	4	55	.1	14	8	250	2.66	4	5	ND	2	27	1	2	2	50	.32	.021	6	34	.53	128	.14	7	1.90	.04	.15	1	1
L108+00N 55+50E	1	57	2	137	.1	17	11	733	2.82	12	5	ND	3	27	1	2	2	52	.37	.070	5	33	.60	238	.14	2	2.27	.03	.11	2	2
L108+00N 55+75E	1	43	3	60	.1	18	9	572	2.67	8	5	ND	2	29	1	2	2	49	.38	.023	7	34	.57	160	.14	2	1.79	.03	.27	1	1
L108+00N 56+00E	1	57	3	60	.1	19	12	426	3.14	9	5	ND	2	29	1	2	2	55	.37	.023	6	40	.74	155	.16	5	2.00	.03	.39	1	2
L108+00N 56+25E	1	33	2	80	.1	18	9	500	2.61	13	5	ND	2	28	1	2	2	46	.35	.047	5	25	.62	203	.14	2	2.12	.04	.25	1	1
L108+00N 56+50E	1	22	4	55	.1	11	7	464	1.91	3	5	ND	1	36	1	2	2	37	.40	.048	4	25	.37	102	.08	5	1.09	.03	.20	1	3
L108+00N 56+75E	1	31	4	41	.2	13	5	211	1.69	6	5	ND	1	226	1	2	2	28	6.14	.061	5	17	.89	117	.07	17	1.14	.07	.25	3	1
L108+00N 57+00E	1	32	2	27	.3	14	4	1264	.74	14	5	ND	1	290	1	2	2	17	17.08	.073	2	7	.55	121	.02	24	.41	.07	.09	2	1
L108+00N 57+25E	1	51	2	14	.2	5	1	1860	.22	4	5	ND	1	517	1	2	4	2	29.29	.043	2	4	.99	161	.01	10	.05	.06	.01	3	1
L108+00N 57+50E	1	24	2	60	.1	13	8	390	2.23	5	5	ND	2	30	1	2	2	43	.50	.072	5	27	.44	143	.10	2	1.51	.03	.22	1	3
L108+00N 57+75E	1	33	2	46	.1	16	8	267	2.72	10	5	ND	1	24	1	2	2	61	.34	.050	5	37	.51	104	.13	2	1.23	.03	.20	2	7
L108+00N 58+00E	1	21	2	71	.1	12	7	352	2.35	3	5	ND	2	18	1	2	2	43	.25	.038	4	27	.45	116	.12	3	1.64	.03	.23	1	1
L106+00N 55+00E	1	30	2	58	.1	10	7	441	2.20	2	5	ND	2	26	1	2	2	40	.29	.021	4	31	.42	109	.11	7	1.49	.03	.25	1	2
L106+00N 55+25E	1	41	6	51	.1	21	9	585	2.58	6	5	ND	3	38	1	2	2	48	.45	.029	8	32	.51	141	.13	9	1.61	.03	.34	1	3
L106+00N 55+50E	1	33	4	37	.1	14	7	458	2.16	2	5	ND	2	53	1	2	2	39	.43	.020	7	28	.65	122	.11	9	1.32	.05	.25	2	1
L106+00N 55+75E	1	28	2	39	.1	15	7	324	2.33	6	5	ND	2	26	1	2	2	43	.31	.019	6	27	.41	105	.13	5	1.44	.03	.26	1	2
L106+00N 56+00E	1	60	2	72	.1	15	10	699	2.89	7	5	ND	2	30	1	2	2	56	.36	.028	6	38	.63	162	.15	3	2.28	.03	.29	1	1
STD C/AU-S	20	58	38	133	6.8	67	28	1002	3.98	41	16	7	34	48	17	16	21	63	.48	.101	36	57	.88	180	.08	35	1.72	.07	.13	12	52

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
L106+00N 56+25E	1	49	2	62	.1	16	8	594	2.76	8	5	ND	3	33	1	2	2	56	.41	.033	7	37	.44	145	.14	14	1.54	.03	.35	1	1
L106+00N 56+50E	1	68	7	72	.3	22	12	623	3.59	9	7	ND	3	33	1	2	2	61	.47	.030	8	58	.79	163	.16	9	2.09	.04	.50	1	1
L106+00N 56+75E	1	22	3	48	.1	13	6	281	1.98	2	5	ND	2	27	1	2	2	35	.28	.027	5	22	.34	132	.11	4	1.55	.04	.19	1	1
L106+00N 57+00E	1	35	2	46	.1	17	8	354	2.46	5	5	ND	2	41	1	2	2	43	.59	.033	6	28	.55	105	.12	12	1.56	.04	.31	1	2
L105+00N 44+00E	1	32	4	82	.2	14	8	607	2.41	3	5	ND	2	23	1	2	3	39	.38	.016	3	53	.49	147	.13	4	1.77	.03	.17	1	1
L105+00N 44+25E	1	60	3	80	.1	20	11	907	2.65	8	6	ND	2	27	1	2	2	40	.47	.034	2	93	.91	187	.14	5	1.81	.03	.22	1	2
L105+00N 44+50E	1	49	5	64	.1	18	11	407	2.95	2	5	ND	2	27	1	2	2	52	.41	.014	5	69	.64	107	.16	9	2.31	.03	.18	1	3
L105+00N 44+75E	1	45	10	111	.2	14	9	407	2.89	15	5	ND	2	31	1	2	2	47	.45	.029	6	34	.43	138	.14	4	2.42	.04	.12	1	1
L105+00N 45+00E	1	143	15	85	3.7	23	16	595	4.46	97	7	ND	1	94	1	6	2	77	6.84	.085	6	46	1.05	116	.10	9	1.84	.06	.30	1	49
L105+00N 45+25E	1	49	8	64	.2	22	11	338	3.48	9	6	ND	3	39	1	2	2	67	.52	.029	7	46	.72	144	.19	6	2.22	.03	.16	2	3
L105+00N 45+50E	1	35	3	54	.1	20	8	261	2.62	2	6	ND	3	39	1	2	2	52	.42	.021	7	43	.58	131	.15	3	1.71	.04	.23	1	1
L105+00N 45+75E	1	38	3	66	.2	14	9	259	3.05	7	5	ND	2	29	1	2	2	57	.36	.026	4	32	.49	105	.13	6	2.14	.03	.10	1	44
L105+00N 46+00E	1	33	8	78	.1	19	8	671	2.90	7	5	ND	2	37	1	2	2	49	.52	.024	6	42	.53	185	.13	6	1.89	.03	.27	1	7
L105+00N 46+25E	1	35	6	53	.1	24	9	269	2.88	6	5	ND	2	35	1	2	2	60	.39	.027	5	54	.67	114	.17	8	1.68	.03	.21	1	2
L105+00N 46+50E	1	47	5	62	.2	26	9	233	3.18	3	5	ND	2	42	1	2	2	62	.50	.022	9	61	.58	161	.17	8	1.95	.04	.17	1	6
L105+00N 46+75E	1	30	3	110	.2	18	9	1263	2.95	7	6	ND	2	40	1	2	2	48	.55	.030	6	57	.56	251	.14	8	2.05	.03	.37	1	4
L105+00N 47+00E	1	26	3	109	.1	15	8	885	2.89	4	5	ND	2	30	1	2	2	54	.37	.026	4	51	.51	195	.16	7	1.95	.04	.28	1	3
L105+00N 47+25E	1	57	2	62	.1	24	10	417	3.36	5	5	ND	3	39	1	2	2	66	.48	.021	9	54	.72	147	.18	5	2.01	.04	.31	1	1
L105+00N 47+50E	1	55	6	59	.1	24	11	500	3.50	5	5	ND	2	37	1	2	2	61	.50	.016	9	58	.78	140	.17	9	2.35	.03	.35	1	1
L105+00N 47+75E	1	22	6	90	.1	13	6	724	2.40	2	5	ND	2	29	1	2	2	42	.36	.014	5	33	.40	139	.13	4	1.69	.04	.18	1	2
L105+00N 48+00E	1	37	3	82	.1	15	8	508	3.18	2	5	ND	3	34	1	2	2	51	.47	.017	6	32	.44	130	.15	5	2.22	.04	.16	1	1
L105+00N 48+50E	1	57	3	92	.1	22	12	714	3.95	18	5	ND	2	37	1	2	2	58	.53	.019	5	49	.74	146	.13	13	2.03	.03	.43	1	6
L105+00N 48+75E	1	26	4	41	.1	12	7	202	2.35	12	5	ND	2	31	1	2	2	42	.29	.012	3	28	.41	62	.12	4	1.41	.04	.23	1	7
L105+00N 49+00E	1	45	6	106	.1	16	10	508	3.31	21	5	ND	1	37	1	2	2	50	.48	.057	4	45	.61	254	.11	6	1.89	.03	.27	1	13
L105+00N 49+25E	1	60	16	106	1.2	20	12	358	4.94	74	5	ND	2	36	1	5	2	62	.67	.023	4	25	.44	273	.08	4	2.29	.03	.14	1	74
L105+00N 49+50E	1	90	24	138	.5	22	14	549	4.51	33	5	ND	2	39	1	2	2	65	.59	.041	6	49	.77	118	.12	8	2.26	.03	.44	1	105
L105+00N 49+75E	1	55	6	73	.1	19	10	281	3.15	14	5	ND	2	37	1	2	2	59	.47	.025	5	54	.63	115	.16	4	2.29	.03	.14	1	10
L105+00N 50+25E	1	55	9	81	.2	20	9	502	2.99	18	5	ND	3	39	1	2	2	60	.37	.057	7	38	.54	180	.14	4	2.67	.04	.15	1	6
L105+00N 50+50E	1	45	4	36	.1	7	2	137	.73	7	5	ND	1	559	1	2	3	13	15.56	.058	2	13	1.86	129	.03	9	.65	.08	.07	2	1
L105+00N 50+75E	1	64	6	54	.2	32	12	624	3.35	17	5	ND	3	47	1	2	2	63	.65	.023	9	71	.90	138	.16	6	1.81	.04	.37	1	9
L105+00N 51+00E	1	37	6	79	.1	16	9	605	2.82	10	5	ND	3	36	1	2	2	50	.42	.022	6	42	.49	143	.14	7	1.89	.04	.24	1	4
L105+00N 51+25E	1	31	4	281	.1	14	8	890	2.56	31	5	ND	2	28	1	2	2	49	.32	.069	3	27	.48	175	.12	7	1.87	.03	.22	1	1
L105+00N 51+50E	1	46	4	63	.1	23	9	260	3.25	10	5	ND	3	37	1	2	2	62	.39	.037	7	54	.73	150	.19	5	2.44	.03	.22	1	1
L105+00N 51+75E	1	52	5	57	.1	23	9	326	3.14	12	5	ND	2	37	1	2	2	59	.44	.034	6	57	.79	130	.17	5	1.95	.04	.31	1	1
L105+00N 52+00E	1	60	6	74	.1	29	11	332	3.33	20	5	ND	3	35	1	2	2	58	.49	.043	7	83	.86	132	.17	6	2.17	.03	.39	1	6
L105+00N 52+25E	1	35	2	81	.1	26	9	532	2.83	11	7	ND	3	36	1	2	2	50	.46	.030	6	72	.63	159	.15	5	1.94	.04	.29	1	1
STD C/AU-S	20	58	36	132	6.7	68	28	997	3.98	43	13	7	34	47	17	16	22	63	.49	.100	35	59	.85	178	.08	36	1.65	.07	.13	13	48

SAMPLE#	NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	B1	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L105+00N 52+50E	1	97	10	72	1.0	22	11	438	3.36	78	5	ND	2	35	1	6	3	50	.50	.047	4	50	.67	170	.11	3	1.64	.02	.38	3	77
BL50+00E 120+00N	1	47	7	58	.1	24	10	321	2.79	16	5	ND	3	38	1	2	2	49	.37	.032	8	73	.79	165	.12	3	2.07	.03	.26	1	4
BL50+00E 119+75N	1	55	9	76	.1	43	13	476	2.90	47	6	ND	2	36	1	2	3	44	.36	.050	5	149	.99	180	.10	3	2.44	.03	.17	1	5
BL50+00E 119+50N	1	34	6	58	.2	19	8	280	2.39	13	5	ND	3	45	1	2	2	44	.33	.029	7	37	.64	128	.12	4	1.72	.03	.26	1	5
BL50+00E 119+25N	1	39	3	53	.1	21	9	429	2.55	11	5	ND	3	35	1	2	2	46	.36	.025	7	44	.60	152	.11	3	1.77	.03	.29	1	1
BL50+00E 119+00N	1	31	6	71	.1	33	9	787	2.26	50	5	ND	1	96	1	7	2	37	.37	.022	4	89	.88	70	.09	16	1.68	.04	.23	1	1
BL50+00E 118+75N	1	57	7	55	.1	32	12	408	2.77	13	5	ND	3	32	1	2	2	43	.38	.022	6	139	.95	195	.12	2	1.95	.03	.39	1	1
BL50+00E 118+50N	1	110	2	65	.1	43	17	568	3.26	15	5	ND	2	30	1	2	2	44	.51	.028	5	235	1.43	249	.11	4	2.08	.02	.49	1	2
BL50+00E 118+25N	1	66	5	75	.1	33	13	689	3.14	20	5	ND	3	38	1	2	2	53	.49	.043	9	80	.91	193	.11	3	1.95	.03	.36	1	1
BL50+00E 118+00N	1	152	7	67	.4	110	19	540	3.84	25	5	ND	2	41	1	2	3	69	.68	.065	7	528	2.48	200	.12	4	2.78	.02	.41	1	6
BL50+00E 117+75N	1	71	4	72	.1	31	12	516	3.18	28	5	ND	2	37	1	2	2	57	.51	.038	10	72	.82	168	.11	3	2.00	.03	.34	2	8
BL50+00E 117+50N	1	83	4	67	.1	37	13	516	3.59	29	5	ND	3	47	1	6	2	68	.54	.058	12	62	.93	192	.12	3	1.95	.03	.39	1	34
BL50+00E 117+25N	1	55	2	69	.1	22	11	598	3.01	12	5	ND	3	65	1	2	2	57	.41	.020	10	46	.75	169	.12	2	1.71	.03	.40	1	3
BL50+00E 117+00N	1	44	3	62	.1	24	9	370	2.85	15	5	ND	3	38	1	2	3	52	.33	.030	8	49	.65	181	.13	2	1.92	.04	.31	1	1
BL50+00E 116+75N	1	38	5	59	.1	21	8	325	2.68	14	5	ND	3	37	1	2	2	53	.36	.035	8	40	.66	135	.12	2	1.62	.03	.19	1	2
BL50+00E 116+50N	1	42	3	63	.1	21	8	438	2.57	14	5	ND	2	40	1	2	2	46	.37	.024	7	37	.59	164	.12	3	1.67	.03	.28	1	1
BL50+00E 116+25N	1	100	8	65	.3	34	12	452	3.59	106	5	ND	3	43	1	4	2	64	.55	.056	11	53	.93	150	.12	2	2.03	.03	.35	1	90
BL50+00E 116+00N	1	59	5	59	.1	29	12	368	3.33	22	5	ND	3	38	1	2	2	60	.44	.041	9	61	.97	155	.14	2	2.13	.03	.27	1	2
BL50+00E 115+75N	1	91	4	64	.1	37	12	416	3.58	28	5	ND	3	46	1	2	2	69	.46	.040	10	61	.95	137	.13	3	1.98	.03	.34	1	6
BL50+00E 115+50N	1	43	6	95	.1	20	8	333	2.50	43	5	ND	2	19	1	2	2	45	.18	.125	4	30	.46	125	.10	4	2.22	.03	.07	1	1
BL50+00E 115+25N	1	41	6	58	.1	29	10	517	2.77	24	5	ND	2	31	1	2	2	48	.35	.028	8	60	.69	134	.11	4	1.73	.03	.32	1	1
BL50+00E 115+00N	1	114	3	57	.2	43	14	404	3.82	31	5	ND	3	38	1	2	2	65	.51	.040	9	106	1.24	184	.15	2	2.31	.03	.28	1	18
BL50+00E 114+75N	1	60	4	71	.1	31	11	531	2.97	23	5	ND	3	35	1	2	2	50	.41	.029	8	79	.75	162	.12	4	1.81	.03	.33	1	2
BL50+00E 114+50N	1	64	3	58	.1	32	12	349	2.95	21	5	ND	2	37	1	2	2	53	.39	.023	8	82	.83	106	.13	4	1.71	.03	.34	1	175
BL50+00E 114+25N	1	49	4	43	.2	20	7	342	1.87	19	5	ND	1	347	1	2	2	31	5.35	.050	6	41	1.17	128	.07	31	1.16	.07	.26	2	1
BL50+00E 114+00N	1	40	6	48	.1	24	9	312	2.45	15	5	ND	2	46	1	2	2	45	.42	.027	6	61	.68	88	.11	7	1.40	.03	.27	2	1
BL50+00E 113+75N	1	26	4	65	.1	19	7	367	2.04	18	5	ND	2	33	1	2	2	34	.33	.035	5	56	.51	124	.10	8	1.42	.03	.25	1	1
BL50+00E 113+50N	1	33	6	53	.1	24	9	484	2.35	18	5	ND	2	27	1	3	2	39	.28	.024	5	68	.64	154	.11	2	1.52	.03	.22	1	1
BL50+00E 113+25N	1	42	5	60	.1	29	10	360	2.63	33	5	ND	2	38	1	2	2	43	.49	.050	7	75	.78	184	.11	5	1.96	.03	.26	1	1
BL50+00E 113+00N	1	35	5	59	.1	19	8	407	2.42	13	5	ND	2	32	1	2	2	41	.43	.031	7	44	.54	173	.11	4	1.68	.03	.31	1	1
BL50+00E 112+75N	1	82	3	61	.1	33	12	378	3.26	40	5	ND	2	35	1	2	2	61	.44	.098	7	80	.98	138	.12	2	2.19	.02	.19	1	2
BL50+00E 112+50N	1	46	8	86	.1	27	12	445	3.15	35	5	ND	2	29	1	2	2	55	.43	.056	7	63	.84	160	.12	2	2.67	.03	.15	1	1
BL50+00E 112+25N	1	66	6	54	.1	26	13	415	3.07	14	5	ND	2	29	1	2	2	48	.44	.020	8	56	.95	193	.13	2	2.31	.03	.25	2	1
BL50+00E 112+00N	1	108	3	65	.2	29	14	430	3.25	21	5	ND	2	38	1	2	2	54	.55	.041	7	71	1.32	200	.13	4	2.14	.03	.37	1	1
BL50+00E 111+75N	1	94	2	64	.3	30	13	406	3.50	47	5	ND	3	35	1	2	2	60	.42	.038	7	75	1.16	181	.14	2	2.25	.03	.39	1	17
BL50+00E 111+50N	1	66	9	78	.2	23	12	487	3.09	38	5	ND	2	29	1	2	2	52	.41	.043	6	53	.97	212	.13	2	2.24	.03	.41	1	12
STD C/AU-S	20	59	38	134	7.0	69	28	1015	3.98	42	14	7	35	48	17	14	22	64	.42	.102	36	58	.90	182	.08	36	1.74	.07	.13	12	52

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
BL50+00E 111+25N	1	90	9	70	.2	30	14	536	3.50	22	5	ND	3	37	1	2	2	62	.52	.028	8	71	1.14	202	.18	4	2.34	.04	.53	1	19
BL50+00E 111+00N	1	54	5	85	.1	28	11	663	3.09	15	5	ND	3	39	1	2	3	55	.46	.034	7	72	.76	180	.14	7	1.94	.04	.34	1	1
BL50+00E 110+75N	1	63	3	70	.2	24	17	476	3.63	10	5	ND	1	34	1	3	2	64	.49	.029	4	59	1.50	187	.18	4	2.49	.03	.24	1	1
BL50+00E 110+50N	1	67	5	83	.1	25	14	613	3.58	17	5	ND	2	35	1	3	2	67	.44	.039	6	82	1.09	178	.17	4	2.33	.03	.38	1	2
BL50+00E 110+25N	1	72	7	69	.2	27	12	544	3.24	17	5	ND	2	44	1	2	4	64	.58	.039	9	70	.91	196	.16	3	1.91	.04	.43	1	6
BL50+00E 110+00N	1	47	5	65	.1	25	10	528	3.11	10	5	ND	3	39	1	3	2	58	.50	.021	8	67	.77	165	.17	3	1.91	.04	.34	1	1
BL50+00E 109+75N	1	42	5	53	.1	22	10	444	2.74	10	5	ND	2	39	1	2	2	51	.49	.020	7	59	.67	150	.15	4	1.73	.04	.37	1	1
BL50+00E 109+50N	1	51	6	59	.1	24	9	343	2.94	12	5	ND	2	38	1	2	2	54	.44	.020	8	70	.70	117	.16	4	1.81	.04	.37	1	1
BL50+00E 109+25N	1	42	5	65	.1	27	10	507	2.98	12	5	ND	2	44	1	2	2	55	.49	.020	8	73	.75	156	.17	6	1.82	.05	.36	1	1
BL50+00E 109+00N	1	42	3	62	.1	24	9	463	2.90	10	5	ND	2	42	1	3	3	56	.51	.032	9	61	.67	144	.16	6	1.73	.04	.37	1	1
BL50+00E 108+50N	1	38	6	65	.1	20	9	453	2.84	7	5	ND	2	35	1	2	2	54	.45	.023	6	55	.61	135	.15	6	1.70	.04	.36	1	1
BL50+00E 108+25N	1	36	7	84	.1	20	9	547	2.83	13	5	ND	2	32	1	2	3	54	.41	.035	6	51	.58	159	.14	4	2.03	.03	.26	1	1
BL50+00E 108+00N	1	57	5	84	.1	24	13	666	3.42	14	5	ND	2	35	1	2	2	61	.51	.033	6	73	.95	196	.17	5	2.49	.03	.42	1	1
BL50+00E 105+75N	1	25	8	67	.2	17	8	389	2.33	8	5	ND	2	42	1	2	2	41	.37	.016	4	50	.63	72	.13	6	1.65	.05	.25	1	3
BL50+00E 105+50N	1	26	6	62	.1	19	7	179	2.53	16	5	ND	2	34	1	3	2	48	.32	.021	4	61	.56	95	.15	2	1.72	.04	.18	1	7
BL50+00E 105+25N	1	43	4	63	.1	19	9	239	2.97	7	5	ND	2	38	1	5	3	56	.44	.021	7	56	.57	103	.16	3	1.85	.04	.17	1	4
BL50+00E 105+00N	1	14	4	85	.1	9	5	527	1.81	2	5	ND	1	22	1	2	2	31	.28	.022	2	20	.21	110	.10	5	1.50	.03	.07	1	9
BL50+00E 104+75N	1	33	6	73	.1	23	9	614	2.86	6	5	ND	3	42	1	3	3	51	.54	.019	8	64	.58	130	.15	4	1.91	.03	.23	1	3
BL50+00E 104+50N	1	45	8	88	.1	21	12	418	3.20	13	5	ND	2	36	1	2	3	55	.52	.029	6	66	.74	105	.18	6	2.51	.03	.35	1	2
BL50+00E 104+25N	1	41	3	76	.1	23	10	597	2.91	7	5	ND	2	38	1	2	2	53	.49	.024	7	65	.63	132	.16	3	1.91	.04	.27	1	16
BL50+00E 104+00N	1	35	4	58	.2	23	10	263	2.76	11	5	ND	2	43	1	2	2	60	.36	.014	6	68	.74	84	.18	5	1.58	.05	.27	1	5
BL50+00E 103+75N	1	44	8	147	.2	12	10	1444	2.91	28	5	ND	2	40	1	2	2	50	.58	.057	4	26	.59	277	.11	7	1.82	.03	.40	1	18
BL50+00E 103+50N	1	46	5	67	.1	25	11	448	3.38	13	5	ND	3	41	1	3	2	63	.53	.026	7	63	.78	163	.18	3	2.18	.04	.26	1	6
BL50+00E 103+25N	1	37	8	118	.2	13	8	670	2.74	20	5	ND	2	26	1	3	4	56	.33	.100	5	24	.43	214	.14	4	2.45	.04	.09	1	4
BL50+00E 103+00N	1	27	11	93	.1	13	8	763	2.75	10	5	ND	2	25	1	3	3	47	.36	.019	4	32	.45	139	.12	4	1.76	.03	.27	1	32
BL50+00E 102+75N	1	60	6	72	.1	23	12	642	3.53	14	5	ND	3	35	1	3	2	61	.45	.015	8	63	.74	152	.16	3	2.26	.03	.40	1	21
BL50+00E 102+50N	1	147	5	53	.1	27	12	378	3.90	16	5	ND	2	41	1	4	2	75	.51	.026	7	75	.80	109	.17	3	1.84	.03	.29	1	22
BL50+00E 102+25N	1	56	5	47	.1	21	11	674	2.99	12	5	ND	2	37	1	3	2	57	.43	.016	7	56	.65	120	.15	3	1.57	.03	.32	1	18
BL50+00E 102+00N	1	70	4	62	.2	21	10	581	2.64	22	8	ND	1	189	1	2	2	52	2.14	.054	7	53	2.35	116	.10	11	1.50	.07	.37	1	25
BL50+00E 101+75N	1	50	10	67	.1	22	10	543	2.92	14	5	ND	3	37	1	3	2	50	.44	.023	7	62	.68	159	.14	8	2.07	.04	.42	1	4
BL50+00E 101+50N	1	45	7	62	.1	21	10	515	2.99	14	5	ND	3	38	1	2	2	52	.37	.022	8	49	.64	157	.15	4	2.17	.04	.31	1	3
BL50+00E 101+25N	1	54	7	63	.4	15	6	244	2.01	17	9	ND	1	548	1	3	2	37	6.86	.059	7	30	3.36	119	.08	8	1.38	.11	.26	1	5
BL50+00E 100+75N	1	48	5	62	.1	22	9	353	2.90	11	5	ND	2	44	1	2	2	53	.41	.044	7	39	.68	123	.14	3	1.90	.04	.37	1	2
BL50+00E 100+50N	1	43	7	102	.1	20	10	748	2.88	11	5	ND	3	35	1	2	2	51	.40	.049	6	33	.68	226	.15	4	2.19	.04	.42	1	1
BL50+00E 100+25N	1	35	3	125	.1	20	8	533	2.56	9	5	ND	2	31	1	2	4	45	.35	.073	6	25	.51	247	.13	3	2.17	.04	.21	1	7
BL50+00E 100+00N	1	91	10	97	1.0	18	13	547	4.31	46	5	ND	2	35	1	3	2	65	.56	.035	5	31	.58	144	.09	5	1.97	.04	.32	1	104
STD C/AU-S	20	59	39	132	6.8	67	28	999	3.99	43	16	7	35	48	17	14	22	63	.43	.100	36	58	.90	180	.08	36	1.60	.07	.13	12	50

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

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
L11775N 5037.5E	1	44	5	50	.1	26	11	444	2.83	29	5	ND	2	61	1	2	2	45	.46	.021	7	77	.80	115	.16	6	2.15	.04	.46	1	2
L11775N 5050E	1	41	17	76	.2	27	10	673	2.72	87	5	ND	1	57	1	3	2	42	.36	.034	7	82	.73	160	.15	3	2.55	.04	.21	1	10
L11775N 5062.5E	1	45	11	60	.1	30	11	562	2.86	67	5	ND	2	61	1	2	2	45	.45	.020	8	77	.71	154	.15	5	2.33	.03	.33	1	13
L11775N 5075E	1	39	5	61	.1	25	11	554	3.07	27	5	ND	2	46	1	2	2	55	.43	.021	9	64	.65	152	.17	2	2.13	.03	.29	1	3
L11775N 5087.5E	1	49	8	56	.1	35	10	619	2.86	16	5	ND	2	65	1	2	2	48	.54	.023	9	86	.81	155	.15	5	1.97	.04	.41	1	2
L11775N 5100E	1	43	2	50	.1	24	9	567	2.78	20	5	ND	2	56	1	2	2	48	.49	.030	10	47	.57	176	.16	2	2.12	.04	.32	1	1
L11775N 5112.5E	1	59	14	74	.1	19	11	784	3.28	72	5	ND	2	54	1	3	2	55	.48	.068	8	46	.57	177	.15	5	3.01	.03	.21	1	5
L11775N 5125E	1	43	5	37	.1	15	7	386	1.87	24	5	ND	1	825	1	2	2	36	6.02	.062	8	26	1.96	146	.08	42	1.34	.05	.35	2	2
L11775N 5137.5E	1	33	7	38	.1	11	5	368	1.54	48	5	ND	1	1272	1	2	2	30	5.37	.056	7	19	3.35	134	.07	51	1.38	.12	.33	1	1
L11775N 5150E	1	29	7	48	.1	13	6	434	1.96	19	5	ND	1	604	1	2	2	37	1.34	.062	9	22	2.96	115	.10	43	1.54	.28	.41	2	1
L11775N 5162.5E	1	34	7	47	.1	22	10	447	2.86	10	5	ND	2	64	1	2	2	52	.46	.037	11	39	.71	118	.17	7	1.90	.07	.37	1	1
L11775N 5175E	1	41	7	50	.1	19	9	469	2.65	9	5	ND	2	55	1	2	2	47	.53	.046	10	34	.84	91	.15	9	1.59	.07	.43	1	2
L11775N 5187.5E	1	39	6	44	.1	20	9	451	2.84	6	5	ND	2	52	1	2	2	56	.54	.041	11	38	.60	116	.16	3	1.62	.06	.31	2	3
L11775N 5200E	1	35	8	44	.1	20	8	444	2.65	8	5	ND	2	50	1	2	2	53	.56	.042	10	37	.51	127	.16	6	1.52	.05	.29	1	2
L11775N 5212.5E	1	44	6	44	.1	23	9	443	2.66	7	5	ND	2	57	1	2	2	54	.73	.061	11	37	.60	128	.15	7	1.51	.06	.30	2	1
L11775N 5225E	1	34	9	44	.2	20	8	458	2.64	7	5	ND	1	47	1	2	2	52	.49	.049	10	36	.45	128	.15	5	1.61	.05	.30	1	1
L11750N 4875E	1	40	13	64	.1	40	12	356	2.97	22	5	ND	2	40	1	2	2	50	.36	.052	7	135	.87	161	.18	6	2.83	.03	.26	1	3
L11750N 4887.5E	1	39	7	87	.2	34	11	633	2.88	14	5	ND	2	43	1	2	2	48	.43	.038	7	101	.77	274	.16	2	2.14	.03	.24	1	1
L11750N 4900E	1	41	14	65	.1	26	10	416	2.98	23	5	ND	2	46	1	2	2	48	.46	.048	8	70	.71	224	.16	6	2.44	.04	.26	1	1
L11750N 4912.5E	1	42	7	92	.2	24	10	651	2.50	30	5	ND	2	40	1	2	2	38	.45	.086	6	53	.64	234	.14	8	2.46	.04	.38	1	1
L11750N 4925E	1	69	14	97	.2	33	15	734	3.41	63	5	ND	2	41	1	2	3	52	.48	.049	7	115	1.04	237	.16	6	3.00	.03	.34	1	1
L11750N 4937.5E	1	60	7	87	.2	25	14	888	3.18	55	5	ND	2	41	1	2	2	48	.52	.035	8	77	.88	240	.16	2	2.69	.03	.45	3	1
L11750N 4950E	1	44	18	100	.1	33	13	434	3.04	112	5	ND	2	41	1	2	2	45	.45	.019	7	104	.88	165	.16	3	2.71	.04	.25	1	42
L11750N 4962.5E	1	51	7	59	.1	38	14	412	3.26	32	5	ND	2	44	1	2	2	55	.47	.026	9	112	1.04	158	.19	6	2.67	.03	.39	1	5
L11750N 4975E	1	52	3	74	.1	37	13	728	3.24	20	5	ND	2	42	1	2	2	49	.47	.028	8	110	1.03	211	.18	4	2.87	.04	.41	1	2
L11750N 4987.5E	1	43	9	66	.1	26	10	495	3.02	12	5	ND	3	47	1	2	2	49	.41	.022	8	65	.76	175	.18	6	2.42	.04	.39	1	1
L11750N 5012.5E	1	41	6	60	.1	30	11	547	3.02	8	5	ND	2	61	1	2	2	52	.43	.019	10	59	.73	188	.18	4	2.08	.04	.41	1	1
L11750N 5025E	1	38	12	54	.1	61	11	532	2.67	23	5	ND	2	71	1	2	2	45	.37	.031	8	71	.70	191	.16	6	2.29	.04	.26	1	1
L11750N 5037.5E	1	42	13	62	.2	45	11	441	2.92	36	5	ND	2	52	1	2	2	47	.38	.021	7	76	.78	154	.17	4	2.62	.04	.25	1	5
L11750N 5050E	1	80	5	87	.2	28	14	414	3.19	65	5	ND	2	55	1	2	2	44	.44	.066	6	78	.97	127	.18	27	3.12	.03	.56	1	3
L11750N 5062.5E	1	110	6	148	.2	23	13	501	3.16	96	5	ND	1	52	1	2	2	40	.46	.046	5	65	.79	108	.14	12	2.51	.04	.34	1	12
L11750N 5075E	1	29	12	105	.1	17	8	425	2.27	71	5	ND	1	39	1	2	2	32	.29	.022	4	40	.42	110	.12	3	1.98	.03	.29	1	2
L11750N 5087.5E	1	33	2	48	.1	24	9	429	2.65	28	5	ND	2	51	1	2	2	43	.37	.015	8	59	.68	125	.16	6	1.88	.04	.29	3	2
L11750N 5100E	1	31	11	51	.1	23	9	382	2.77	22	5	ND	2	44	1	2	2	47	.40	.022	8	46	.58	144	.18	5	2.38	.05	.26	1	1
L11750N 5112.5E	1	30	9	56	.1	17	9	501	2.62	31	5	ND	3	45	1	2	2	45	.39	.030	8	37	.52	141	.16	4	2.16	.04	.32	1	6
L11750N 5125E	1	47	8	61	.1	20	11	606	2.88	49	5	ND	2	55	1	2	2	47	.46	.033	9	34	.52	168	.15	5	2.09	.04	.35	1	1
STD C/AU-S	18	60	41	128	7.4	67	28	971	3.89	42	18	8	35	50	18	16	22	57	.47	.092	40	58	.86	184	.09	36	1.81	.07	.15	13	47

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L11750N 5137.5E	1	48	11	53	.1	15	10	584	2.83	50	5	ND	2	135	1	2	2	40	.55	.031	8	25	.69	127	.13	6	2.25	.04	.34	1	7
L11750N 5150E	1	49	10	47	.1	22	11	538	2.98	18	5	ND	3	65	1	4	2	52	.58	.032	11	34	.67	156	.16	6	2.03	.05	.33	1	4
L11750N 5162.5E	1	49	9	47	.2	22	10	447	2.60	16	5	ND	3	132	1	2	3	51	1.80	.065	11	35	1.57	128	.13	20	1.59	.07	.39	1	6
L11750N 5175E	1	40	13	46	.1	19	7	400	2.09	26	6	ND	2	858	1	2	2	42	2.42	.066	9	26	2.79	116	.10	54	1.48	.30	.40	1	5
L11750N 5187.5E	1	31	10	54	.1	16	6	433	2.03	19	8	ND	1	481	1	2	2	35	1.85	.049	8	24	1.50	98	.10	32	1.39	.14	.32	1	2
L11750N 5200E	1	32	8	48	.1	13	5	238	1.65	20	5	ND	1	595	1	2	2	31	4.28	.076	7	19	1.59	96	.07	24	1.15	.12	.26	1	4
L11750N 5212.5E	1	35	6	51	.2	12	4	305	1.59	17	6	ND	1	735	1	4	2	27	3.55	.097	7	17	1.67	106	.06	42	1.19	.11	.28	1	4
L11750N 5225E	1	33	4	49	.1	11	4	307	1.33	27	5	ND	1	1085	1	2	2	28	5.69	.106	6	15	2.63	110	.04	53	1.15	.13	.22	1	2
L11725N 4875E	1	54	8	62	.1	46	13	693	2.98	16	5	ND	2	52	1	2	2	44	.43	.024	8	174	1.09	194	.16	5	2.51	.03	.40	1	1
L11725N 4887.5E	1	56	12	73	.1	46	13	495	3.21	28	5	ND	2	38	1	2	2	45	.40	.045	7	170	1.02	179	.16	10	2.89	.03	.45	1	2
L11725N 4900E	1	51	15	57	.1	25	13	370	3.27	21	5	ND	3	37	1	2	2	50	.40	.025	7	70	.94	145	.18	2	2.71	.03	.37	1	1
L11725N 4912.5E	1	51	7	67	.1	24	14	623	3.15	29	5	ND	2	30	1	2	3	43	.35	.024	5	66	1.00	196	.16	5	2.86	.03	.41	1	3
L11725N 4925E	1	61	12	80	.1	35	13	313	3.44	94	5	ND	2	28	1	3	3	48	.29	.042	6	105	1.05	137	.16	2	3.07	.03	.22	1	9
L11725N 4937.5E	1	101	8	71	.2	44	23	621	4.06	45	5	ND	2	35	1	2	3	53	.51	.025	5	139	1.99	214	.20	2	3.34	.02	.44	1	1
L11725N 4950E	1	50	15	69	.1	24	11	401	3.02	45	5	ND	2	32	1	3	2	43	.39	.029	6	63	.85	143	.16	4	2.47	.03	.47	1	4
L11725N 4962.5E	1	45	11	72	.1	29	11	403	2.76	42	5	ND	2	35	1	2	3	39	.39	.028	6	85	.83	164	.16	3	2.61	.03	.38	1	2
L11725N 4975E	1	54	9	69	.1	33	13	654	3.27	58	5	ND	2	43	1	4	3	50	.49	.022	8	90	.87	165	.15	2	2.54	.03	.34	1	6
L11725N 4987.5E	1	67	6	69	.2	31	13	429	3.46	39	5	ND	3	50	1	4	2	57	.49	.039	11	74	.88	163	.18	2	2.64	.03	.43	1	9
L11725N 5012.5E	1	39	2	62	.1	25	10	536	2.89	16	5	ND	3	70	1	2	2	48	.37	.023	9	52	.70	174	.17	2	2.29	.03	.35	1	1
L11725N 5025E	1	51	7	72	.1	25	13	635	3.36	24	5	ND	2	49	1	2	2	52	.45	.031	8	70	.84	171	.17	4	2.56	.03	.47	1	2
L11725N 5037.5E	1	51	12	111	.1	22	11	644	2.78	63	5	ND	2	44	1	2	2	41	.39	.100	7	49	.59	214	.13	2	2.82	.04	.30	1	4
L11725N 5050E	1	50	14	108	.1	25	11	910	3.13	68	5	ND	2	40	1	2	2	48	.36	.036	8	57	.67	215	.15	2	2.81	.03	.24	1	2
L11725N 5062.5E	1	78	16	70	.1	35	14	607	3.65	38	5	ND	3	50	1	2	2	58	.55	.028	11	87	1.06	172	.18	7	2.33	.03	.47	1	15
L11725N 5075E	1	50	11	79	.2	28	13	523	3.18	34	5	ND	3	50	1	2	2	53	.41	.022	8	74	.84	159	.18	2	2.30	.04	.38	1	2
L11725N 5087.5E	1	58	15	125	.1	19	11	1048	3.12	77	5	ND	2	54	1	3	2	41	.49	.028	8	45	.61	231	.14	4	2.44	.03	.39	1	25
L11725N 5100E	1	36	15	86	.1	21	9	779	2.80	57	5	ND	2	42	1	2	2	42	.39	.027	8	50	.59	184	.15	2	2.53	.03	.24	1	2
L11725N 5112.5E	1	36	8	83	.1	16	10	641	2.57	31	5	ND	2	42	1	2	2	38	.36	.029	7	29	.50	158	.14	5	2.43	.03	.22	1	2
L11725N 5125E	1	50	8	104	.4	14	8	395	2.11	168	5	ND	2	33	1	2	2	35	.63	.396	6	15	.28	110	.10	2	2.30	.03	.05	2	2
L11725N 5137.5E	1	56	13	67	.2	18	11	486	3.05	114	5	ND	3	42	1	5	2	45	.42	.033	9	28	.56	131	.15	4	2.27	.04	.41	1	116
L11725N 5150E	1	49	10	60	.1	21	11	560	3.15	62	5	ND	2	64	1	2	2	49	.47	.020	10	32	.67	142	.16	6	2.07	.04	.37	1	56
L11725N 5162.5E	1	68	6	52	.2	18	7	321	2.55	44	5	ND	2	190	1	5	2	43	.92	.061	9	28	1.05	82	.11	12	1.57	.05	.27	1	10
L11725N 5175E	1	46	3	48	.2	16	6	289	2.29	34	7	ND	2	284	1	4	2	38	.93	.062	9	26	1.28	93	.10	19	1.64	.05	.31	1	2
L11725N 5187.5E	1	36	3	41	.1	12	5	256	1.31	41	5	ND	1	1113	1	2	3	24	5.96	.077	5	16	2.09	112	.04	49	1.02	.16	.26	1	1
L11725N 5200E	1	34	4	49	.1	16	6	264	1.82	16	5	ND	1	706	1	2	2	34	2.46	.058	7	23	1.17	106	.08	40	1.13	.09	.23	1	1
L11725N 5212.5E	1	35	7	55	.1	18	8	491	2.49	8	5	ND	2	66	1	2	2	45	.49	.063	8	28	.51	159	.15	9	1.79	.04	.46	1	36
L11725N 5225E	1	38	2	55	.1	13	5	359	1.70	19	5	ND	1	703	1	2	2	33	1.80	.081	7	18	3.31	113	.06	58	1.39	.12	.34	1	6
STD C/AU-S	18	59	44	125	7.5	64	29	955	3.97	41	18	8	35	51	18	14	21	56	.48	.091	39	56	.87	182	.09	34	1.86	.07	.15	13	48

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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	AU# PPB
L11700N 4887.5E	1	30	4	48	.1	23	9	477	2.57	15	5	ND	2	55	1	2	2	45	.38	.019	8	60	.67	129	.15	9	1.67	.03	.35	2	1
L11700N 4912.5E	1	46	14	66	.1	28	12	675	3.02	17	6	ND	2	40	1	2	2	46	.51	.017	9	77	.76	181	.16	7	2.10	.03	.40	1	1
L11700N 4937.5E	1	93	10	94	.5	32	15	424	3.56	90	5	ND	2	41	1	2	2	53	.52	.053	6	93	1.24	157	.18	2	2.52	.02	.40	2	195
L11700N 4962.5E	1	86	10	83	.1	34	15	510	3.41	30	5	ND	2	45	1	2	2	49	.52	.043	8	68	1.04	216	.16	5	2.74	.03	.48	1	4
L11700N 4987.5E	1	31	8	82	.1	28	12	567	3.30	11	6	ND	2	93	1	2	2	55	.38	.019	14	69	1.03	167	.14	4	2.24	.03	.28	1	1
L11700N 5012.5E	1	43	4	65	.1	26	11	393	3.21	20	5	ND	2	37	1	2	2	49	.38	.025	9	59	.78	168	.17	3	2.69	.03	.31	1	1
L11700N 5037.5E	1	50	8	80	.1	26	10	614	2.84	23	5	ND	2	44	1	2	2	42	.45	.028	8	60	.71	163	.14	5	2.17	.03	.41	1	1
L11700N 5062.5E	1	39	9	69	.1	26	10	409	2.87	31	5	ND	2	38	1	2	2	42	.41	.027	7	64	.67	124	.15	6	2.37	.03	.32	1	1
L11700N 5087.5E	1	65	7	168	.2	15	8	1056	2.36	105	5	ND	1	103	1	2	2	29	.74	.130	5	22	.35	305	.07	10	1.51	.03	.28	1	10
L11700N 5112.5E	1	33	8	53	.1	22	9	284	2.85	15	5	ND	2	36	1	2	3	47	.35	.017	8	46	.57	108	.17	3	2.19	.04	.25	1	1
L11700N 5137.5E	1	61	8	70	.1	26	14	644	3.64	31	5	ND	2	42	1	2	2	52	.48	.022	9	46	.76	144	.15	4	2.47	.03	.43	1	4
L11700N 5162.5E	1	43	6	54	.1	22	9	461	2.71	33	5	ND	2	262	1	2	2	43	1.42	.022	11	34	1.17	118	.14	16	1.93	.04	.40	2	2
L11700N 5187.5E	1	29	5	48	.1	12	6	335	1.92	21	5	ND	1	395	1	2	2	33	1.02	.057	7	22	2.37	90	.08	61	1.41	.18	.45	1	1
L11700N 5212.5E	1	49	9	51	.1	19	11	481	2.98	8	5	ND	2	49	1	2	2	45	.46	.034	10	27	.66	132	.16	7	2.54	.04	.41	1	1
L11700N 5862.5E	1	82	10	72	.1	17	16	697	3.66	48	5	ND	1	31	1	2	2	52	.47	.031	4	44	1.15	248	.21	5	2.39	.02	.79	1	3
L11700N 5875E	1	64	8	78	.1	17	13	752	3.55	41	5	ND	2	31	1	3	2	53	.43	.030	6	38	.73	207	.16	9	2.31	.02	.50	1	1
L11700N 5887.5E	1	56	6	87	.1	13	12	847	2.82	19	5	ND	1	35	1	2	2	45	.37	.062	5	29	.69	234	.16	5	2.08	.03	.56	1	1
L11700N 5900E	1	54	12	70	.1	20	11	383	3.05	35	5	ND	2	33	1	2	2	49	.41	.044	6	34	.65	190	.18	5	2.47	.03	.31	1	1
L11700N 5912.5E	1	38	6	71	.1	16	10	383	2.79	8	6	ND	2	31	1	2	2	46	.38	.045	5	29	.63	207	.17	2	2.36	.03	.35	1	1
L11700N 5925E	1	23	9	79	.2	16	9	472	2.52	8	5	ND	2	28	1	2	2	39	.33	.026	4	31	.57	177	.16	4	2.04	.03	.33	1	1
L11700N 5937.5E	1	23	7	80	.1	16	8	305	2.46	10	5	ND	2	27	1	2	2	40	.34	.028	5	29	.51	129	.15	5	1.84	.03	.35	1	2
L11700N 5950E	1	42	6	110	.1	17	11	819	2.89	14	5	ND	2	32	1	2	2	45	.43	.070	6	32	.68	278	.16	9	2.33	.03	.50	1	1
L11700N 5962.5E	1	52	10	115	.1	16	14	723	3.80	21	5	ND	2	48	1	2	2	60	.68	.080	15	57	1.01	272	.18	4	2.07	.02	.56	1	2
L11700N 5975E	1	29	8	67	.1	13	10	376	2.62	6	5	ND	2	30	1	3	2	43	.35	.034	5	31	.60	158	.17	6	1.94	.03	.26	1	1
L11700N 5987.5E	1	22	6	61	.1	15	9	292	2.55	8	5	ND	1	30	1	2	2	41	.35	.030	6	28	.51	147	.16	5	2.11	.03	.32	1	1
L11700N 6000E	1	48	6	86	.1	16	12	676	3.27	17	6	ND	2	30	1	2	2	50	.36	.032	6	34	.73	252	.17	2	2.30	.03	.53	1	1
L11700N 6012.5E	1	113	11	108	.1	18	21	721	5.11	21	5	ND	2	25	1	2	2	72	.37	.037	4	56	1.50	345	.23	5	3.06	.02	1.20	2	2
L11700N 6025E	1	43	10	82	.1	20	13	650	2.97	8	5	ND	1	30	1	2	2	37	.37	.028	4	100	1.00	254	.15	5	2.16	.03	.68	1	1
L11700N 6037.5E	1	16	13	66	.1	11	6	552	1.99	4	5	ND	1	28	1	2	2	32	.29	.026	4	24	.36	160	.13	4	1.63	.03	.25	1	1
L11700N 6050E	1	10	9	56	.1	10	5	485	1.80	5	5	ND	1	28	1	2	2	29	.28	.034	3	16	.30	125	.12	5	1.52	.03	.26	1	1
L11687N 5825E	1	46	9	61	.1	12	11	454	2.83	9	5	ND	1	28	1	2	2	44	.36	.020	3	30	.97	153	.19	6	1.94	.02	.76	1	1
L11687N 5837.5E	1	61	7	85	.2	15	15	456	3.09	13	5	ND	1	27	1	2	2	40	.33	.022	3	39	1.07	174	.19	5	2.01	.02	.50	1	1
L11687N 5850E	1	38	4	91	.1	11	11	763	2.69	18	5	ND	1	28	1	2	2	35	.42	.020	3	45	.74	192	.16	8	2.05	.02	.47	1	1
L11687N 5862.5E	1	46	8	89	.2	13	10	714	2.66	18	5	ND	1	30	1	2	2	34	.43	.029	4	39	.61	166	.14	12	1.84	.03	.56	1	2
L11687N 5875E	1	59	6	131	.1	14	11	649	2.99	36	5	ND	1	29	1	2	2	38	.35	.027	4	34	.62	209	.15	7	2.09	.03	.53	1	1
L11687N 5887.5E	1	175	5	95	.1	22	25	398	5.27	69	5	ND	1	33	1	2	2	73	.52	.081	3	77	1.20	152	.19	8	2.36	.01	.59	1	2
STD C/AU-S	18	57	41	135	7.2	70	28	929	4.03	39	16	8	34	48	17	15	21	55	.47	.087	39	55	.87	176	.09	36	1.83	.07	.14	14	50

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

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	HG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L11687N 5900E	1	54	4	63	.1	17	12	498	3.29	85	5	ND	2	35	1	6	2	50	.40	.033	5	51	.67	144	.14	5	2.16	.02	.47	1	15
L11687N 5912.5E	1	80	2	95	.1	22	13	599	3.62	24	5	ND	2	39	1	2	2	58	.45	.058	7	40	.80	211	.19	7	2.96	.03	.78	1	1
L11687N 5925E	1	56	8	72	.1	13	11	327	3.00	8	5	ND	1	38	1	2	2	52	.41	.029	6	35	.61	183	.18	2	2.41	.03	.39	1	1
L11687N 5937.5E	1	24	3	76	.1	11	7	459	2.15	4	5	ND	1	32	1	2	2	38	.31	.041	4	21	.40	192	.13	3	2.00	.03	.18	1	1
L11687N 5950E	1	52	2	191	.1	12	11	1355	2.68	13	5	ND	2	33	1	2	2	42	.43	.171	3	28	.59	392	.14	3	2.34	.03	.27	1	1
L11687N 5962.5E	1	58	5	81	.1	22	16	697	3.28	16	5	ND	2	38	1	2	2	54	.52	.045	4	105	1.02	261	.15	8	2.14	.03	.75	1	1
L11687N 5975E	1	100	2	74	.1	27	21	571	3.51	8	5	ND	1	41	1	2	2	62	.74	.064	4	149	1.57	290	.21	4	2.52	.02	.35	1	1
L11687N 5987.5E	1	47	6	76	.1	23	13	685	3.03	5	5	ND	2	40	1	2	2	51	.51	.030	6	80	1.01	255	.19	2	2.24	.03	.70	1	1
L11687N 6000E	1	115	8	100	.1	29	24	878	4.37	39	5	ND	2	37	1	2	2	72	.66	.039	5	128	1.62	397	.19	5	2.44	.02	1.08	1	16
L11687N 6012.5E	1	45	4	82	.2	20	14	671	3.15	11	5	ND	2	33	1	2	2	48	.42	.036	6	91	.96	278	.19	2	2.86	.03	.41	1	1
L11687N 6025E	1	70	9	82	.1	21	16	628	3.79	24	5	ND	2	36	1	2	2	58	.48	.037	5	100	1.16	254	.18	5	2.59	.03	.83	1	1
L11687N 6037.5E	1	41	5	78	.1	19	11	955	2.96	9	5	ND	2	35	1	2	2	52	.48	.027	7	46	.70	217	.16	9	1.99	.03	.58	1	1
L11687N 6050E	1	54	5	46	.2	11	4	459	1.06	22	5	ND	1	914	1	2	2	22	12.09	.142	4	26	2.80	247	.05	51	1.11	.06	.23	1	2
L11675N 4875E	1	53	3	62	.1	19	12	461	2.98	21	5	ND	2	40	1	2	2	50	.41	.034	7	54	.79	199	.16	4	2.17	.03	.48	1	2
STD C/AU-S	20	61	38	134	7.3	71	31	1038	4.06	40	17	9	40	55	18	17	21	62	.48	.091	40	59	.89	177	.09	38	1.93	.07	.16	13	51
L11675N 4887.5E	1	51	9	53	.1	23	9	589	2.23	34	5	ND	2	436	1	2	2	40	1.83	.040	8	52	2.23	163	.11	62	1.76	.10	.39	1	6
L11675N 4900E	1	40	7	61	.1	23	10	603	2.90	20	5	ND	3	72	1	2	2	51	.54	.026	9	51	.63	162	.16	15	2.01	.03	.47	1	1
L11675N 4912.5E	1	44	6	65	.1	25	12	790	3.07	14	5	ND	2	50	1	2	2	55	.49	.020	9	62	.64	168	.17	2	1.99	.03	.40	1	1
L11675N 4925E	1	69	10	69	.1	36	16	574	3.51	20	5	ND	3	49	1	2	2	53	.49	.022	8	101	1.16	184	.19	5	2.80	.03	.57	1	1
L11675N 4937.5E	1	72	7	81	.1	29	16	723	3.65	29	5	ND	2	44	1	2	2	53	.52	.023	8	93	1.12	185	.17	4	3.06	.03	.52	1	2
L11675N 4950E	1	90	7	115	.1	32	19	1094	4.14	33	5	ND	3	40	1	2	2	63	.54	.031	7	101	1.19	204	.14	5	3.07	.03	.60	1	1
L11675N 4962.5E	1	81	10	75	.1	39	18	836	3.88	65	5	ND	2	48	1	2	2	59	.52	.028	8	110	1.14	190	.13	3	2.87	.03	.55	1	18
L11675N 4975E	1	39	8	60	.1	29	10	504	2.79	25	5	ND	2	48	1	2	2	45	.43	.020	7	80	.68	170	.15	2	2.24	.03	.34	1	4
L11675N 4987.5E	1	38	5	77	.1	17	9	807	2.53	37	5	ND	2	38	1	2	2	43	.37	.056	7	25	.44	212	.14	2	2.58	.04	.17	1	1
L11675N 5012.5E	1	38	7	72	.1	21	9	841	2.34	15	5	ND	2	35	1	2	2	39	.30	.033	6	41	.52	200	.14	3	2.30	.03	.18	1	1
L11675N 5025E	1	66	41	163	.3	28	11	950	3.16	80	5	ND	3	40	1	5	2	46	.38	.063	6	59	.70	248	.14	2	2.77	.03	.30	1	30
L11675N 5037.5E	1	70	7	86	.1	28	12	672	3.24	27	5	ND	3	50	1	2	2	49	.54	.030	9	69	.79	178	.16	6	2.50	.03	.52	1	11
L11675N 5050E	1	66	10	91	.1	23	11	831	3.09	20	5	ND	3	49	1	2	2	48	.47	.026	9	54	.66	196	.16	2	2.56	.03	.37	1	1
L11675N 5062.5E	1	49	9	79	.1	25	13	473	3.49	67	5	ND	3	49	1	2	2	57	.45	.022	9	73	.85	139	.18	2	2.64	.03	.24	1	52
L11675N 5075E	1	62	7	64	.1	30	12	411	3.44	31	5	ND	3	48	1	2	2	57	.50	.026	9	67	.81	147	.19	2	2.58	.03	.30	1	3
L11675N 5087.5E	1	59	10	79	.1	28	13	328	3.43	38	5	ND	4	50	1	2	3	56	.50	.044	9	72	.87	114	.18	2	2.89	.03	.33	1	1
L11675N 5100E	1	35	2	187	.1	14	7	1060	2.02	18	5	ND	1	76	1	2	3	27	.49	.103	4	29	.40	261	.09	9	1.68	.03	.42	1	1
L11675N 5112.5E	1	42	2	55	.1	25	10	355	3.04	18	5	ND	3	47	1	2	2	48	.39	.019	8	56	.70	97	.16	2	2.31	.03	.36	1	1
L11675N 5125E	1	52	10	60	.1	30	12	603	3.04	12	5	ND	3	56	1	2	2	50	.53	.024	9	53	.86	144	.16	2	2.04	.04	.36	1	1
L11675N 5137.5E	1	60	8	82	.1	19	12	924	3.02	11	5	ND	2	48	1	2	3	45	.54	.021	7	32	.63	150	.13	2	2.20	.03	.36	1	1
L11675N 5150E	1	33	3	58	.1	17	9	520	2.56	15	5	ND	2	43	1	2	2	41	.39	.029	8	33	.46	142	.15	2	2.09	.04	.31	1	1
L11675N 5162.5E	1	123	15	80	.2	22	17	984	3.90	256	5	ND	2	57	1	6	2	44	.65	.046	7	32	.65	159	.09	4	2.24	.03	.35	1	270

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L11675N 5175E	1	28	6	39	.1	8	3	179	1.10	34	5	ND	1	900	1	2	2	20	7.73	.061	5	13	2.28	91	.04	30	1.03	.09	.15	1	1
L11675N 5187.5E	1	35	4	51	.1	14	4	255	1.63	37	8	ND	1	605	1	2	2	32	3.60	.069	8	21	4.12	98	.07	32	1.54	.12	.21	1	2
L11675N 5200E	1	33	5	45	.1	15	7	356	2.11	19	5	ND	1	326	1	2	2	41	1.20	.055	8	22	2.41	93	.10	34	1.56	.15	.33	1	1
L11675N 5212.5E	1	55	2	48	.1	21	10	547	2.74	11	5	ND	2	126	1	2	2	48	.96	.053	10	29	1.12	140	.13	6	1.81	.04	.38	1	3
L11675N 5225E	1	40	6	49	.1	13	8	370	2.30	11	5	ND	1	370	1	2	2	44	1.49	.049	7	20	2.43	85	.09	33	1.61	.16	.42	2	1
L11675N 5825E	1	22	2	126	.2	7	6	315	1.81	19	5	ND	1	36	1	2	2	30	.36	.032	2	16	.35	135	.10	8	1.17	.04	.25	1	1
L11675N 5837.5E	1	88	6	81	.1	15	13	422	2.98	25	5	ND	1	34	1	2	2	44	.42	.041	3	55	.87	167	.17	6	2.04	.03	.55	1	1
L11675N 5850E	1	95	5	59	.1	21	16	390	3.93	22	5	ND	2	35	1	2	2	55	.51	.032	6	70	1.14	127	.23	4	2.64	.02	.91	1	1
L11675N 5862.5E	1	33	2	122	.1	11	7	403	1.88	10	5	ND	1	28	1	2	3	32	.32	.059	2	30	.38	141	.11	2	1.20	.04	.28	1	1
L11675N 5875E	1	50	5	119	.1	11	10	868	2.41	55	5	ND	1	82	1	2	2	34	1.20	.099	3	34	.54	315	.12	12	1.68	.02	.44	1	2
L11675N 5887.5E	1	46	9	82	.1	14	9	388	2.85	26	5	ND	1	32	1	2	2	40	.39	.022	4	33	.49	144	.15	6	2.00	.03	.38	1	1
L11675N 5900E	1	29	12	69	.1	20	10	405	3.04	18	5	ND	2	32	1	2	2	48	.43	.032	5	71	.60	152	.18	2	2.81	.03	.40	1	1
L11675N 5912.5E	1	35	5	47	.1	15	8	261	2.72	14	5	ND	2	33	1	3	2	52	.39	.013	6	36	.52	106	.19	2	1.67	.03	.33	1	2
L11675N 5925E	1	55	14	117	.1	16	10	508	3.03	16	6	ND	2	32	1	2	2	44	.40	.049	5	31	.43	256	.16	7	2.76	.03	.16	1	1
L11675N 5937.5E	1	51	4	65	.1	16	12	350	3.23	5	5	ND	1	33	1	2	2	55	.41	.034	3	44	.80	143	.24	4	2.95	.02	.15	1	1
L11675N 5950E	1	49	6	100	.1	15	13	760	2.88	10	5	ND	1	28	1	2	3	46	.39	.066	4	45	.78	276	.17	7	2.37	.03	.29	1	1
L11675N 5962.5E	1	29	5	63	.1	17	10	400	2.57	6	5	ND	2	30	1	2	2	40	.35	.029	5	56	.65	183	.16	3	2.17	.03	.39	1	1
L11675N 5975E	1	60	9	90	.1	20	17	860	3.44	7	5	ND	1	36	1	2	2	49	.57	.047	5	95	1.10	276	.18	8	2.43	.02	.76	1	2
L11675N 5987.5E	1	28	8	53	.1	17	9	562	2.50	10	5	ND	2	31	1	2	2	41	.40	.027	6	37	.55	174	.15	3	1.94	.03	.41	1	1
L11675N 6000E	1	63	3	72	.1	29	16	517	3.89	29	5	ND	2	30	1	2	2	55	.48	.031	6	103	1.08	247	.17	3	2.81	.03	.66	1	1
L11675N 6012.5E	1	64	14	106	.1	18	16	875	3.99	17	8	ND	2	30	1	2	2	55	.44	.043	5	66	1.28	310	.19	9	2.61	.02	1.10	1	1
L11675N 6025E	1	51	12	82	.1	18	11	562	2.87	5	5	ND	1	30	1	2	2	44	.41	.030	5	56	.77	198	.17	2	2.08	.03	.58	1	1
L11675N 6037.5E	1	25	5	48	.1	14	9	310	2.30	4	5	ND	1	27	1	2	3	38	.31	.021	4	40	.54	109	.15	3	1.68	.03	.38	1	1
L11675N 6050E	1	34	4	58	.1	21	12	443	3.10	13	5	ND	1	33	1	2	2	48	.44	.024	5	63	.90	214	.19	2	2.38	.03	.37	1	1
L11650N 4875E	1	37	2	69	.1	26	10	545	2.92	20	5	ND	2	39	1	2	2	46	.42	.021	8	66	.64	164	.16	2	2.42	.03	.30	1	2
L11650N 4887.5E	1	27	6	45	.2	23	9	278	2.43	13	5	ND	1	35	1	2	4	40	.26	.029	4	72	.72	96	.14	5	2.17	.03	.21	1	1
L11650N 4900E	1	48	6	51	.1	18	8	485	1.91	17	5	ND	1	422	1	2	2	30	2.69	.055	6	45	1.67	186	.08	51	1.45	.05	.35	1	2
L11650N 4912.5E	1	32	4	41	.1	17	8	460	2.06	14	5	ND	1	330	1	2	2	32	1.41	.025	8	34	1.35	120	.10	34	1.49	.04	.37	1	1
L11650N 4925E	1	35	5	39	.1	20	10	490	2.65	12	5	ND	2	48	1	2	2	48	.44	.019	8	51	.63	120	.16	10	1.62	.04	.36	2	1
L11650N 4937.5E	1	67	4	60	.1	27	15	608	3.30	31	6	ND	2	44	1	2	2	51	.39	.021	7	83	.97	158	.16	8	2.40	.03	.45	1	2
L11650N 4950E	1	118	12	52	.1	28	15	472	3.84	48	7	ND	2	40	1	2	2	64	.55	.026	8	76	1.03	131	.15	7	2.60	.02	.36	1	15
L11650N 4962.5E	1	37	13	64	.1	20	10	674	2.73	38	5	ND	1	36	1	2	2	44	.30	.022	7	47	.61	166	.14	4	2.52	.03	.29	1	1
L11650N 4975E	1	66	13	64	.1	34	14	501	3.32	68	6	ND	2	45	1	6	2	50	.54	.036	9	91	.85	140	.15	9	2.42	.03	.43	1	20
L11650N 4987.5E	1	30	3	45	.2	24	9	385	2.36	10	5	ND	2	40	1	2	2	41	.36	.021	4	87	.71	125	.15	5	1.61	.03	.33	1	1
L11650N 5012.5E	1	38	13	62	.1	24	10	354	2.99	14	5	ND	3	42	1	2	2	50	.44	.028	8	58	.67	159	.17	7	2.30	.04	.33	1	1
L11650N 5025E	1	82	6	55	.1	41	14	474	3.52	22	5	ND	2	47	1	2	2	60	.56	.040	11	93	1.01	157	.18	4	2.20	.04	.39	1	14
STD C/AU-S	19	57	40	127	7.4	68	29	964	3.98	38	18	8	35	50	17	15	23	57	.47	.087	39	56	.87	182	.09	36	1.86	.07	.15	13	51

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L11650N 5037.5E	1	45	7	78	.1	25	11	585	3.09	20	5	ND	2	42	1	2	2	47	.45	.023	8	57	.69	167	.16	3	2.52	.03	.32	1	2
L11650N 5050E	1	49	7	70	.1	28	12	740	3.19	15	5	ND	2	40	1	2	2	47	.40	.021	8	70	.79	169	.17	5	2.37	.03	.40	1	2
L11650N 5062.5E	1	36	11	57	.1	24	10	319	2.86	13	5	ND	2	37	1	2	2	47	.37	.018	7	62	.71	127	.17	3	2.20	.03	.24	1	1
L11650N 5075E	1	46	3	75	.1	22	8	558	2.89	28	5	ND	2	38	1	3	2	39	.46	.038	6	41	.52	202	.14	9	2.58	.03	.21	1	40
L11650N 5087.5E	1	61	11	60	.1	29	12	418	3.38	14	5	ND	2	49	1	2	2	54	.55	.034	9	66	.91	170	.18	9	2.33	.03	.29	1	1
L11650N 5100E	1	56	10	100	.1	21	10	693	2.70	21	5	ND	2	43	1	2	2	37	.44	.035	5	39	.55	147	.11	12	1.84	.03	.29	1	5
L11650N 5112.5E	1	24	6	38	.1	15	7	219	2.02	10	5	ND	1	45	1	2	2	28	.36	.011	5	30	.43	80	.12	3	1.88	.04	.19	1	1
L11650N 5125E	1	53	3	65	.1	27	11	616	3.05	15	5	ND	2	47	1	2	2	52	.51	.033	8	45	.76	149	.17	4	1.93	.03	.34	1	5
L11650N 5137.5E	1	46	8	76	.1	23	9	659	2.83	29	5	ND	2	42	1	2	2	43	.40	.027	9	37	.60	166	.15	7	2.08	.04	.34	1	12
L11650N 5150E	1	50	15	59	.1	24	11	542	3.09	26	5	ND	2	46	1	3	2	49	.43	.027	10	38	.64	146	.17	2	2.26	.03	.37	1	8
L11650N 5162.5E	1	51	4	49	.1	22	11	531	2.96	19	5	ND	2	81	1	2	3	47	.60	.022	10	35	.85	110	.16	14	1.96	.04	.41	1	14
L11650N 5175E	1	30	2	44	.1	7	3	250	1.10	38	5	ND	1	834	1	4	2	20	6.49	.068	5	12	2.53	95	.04	41	1.00	.08	.15	1	3
L11650N 5187.5E	1	19	5	35	.1	4	1	175	.57	36	8	ND	1	1433	1	2	2	11	10.60	.060	3	4	3.60	126	.02	40	.80	.11	.09	1	1
L11650N 5200E	1	20	2	45	.1	9	3	254	1.09	39	5	ND	1	1274	1	2	2	25	6.08	.050	6	12	6.00	114	.05	57	1.35	.15	.17	1	1
L11650N 5212.5E	1	27	2	41	.1	9	3	210	1.14	6	5	ND	1	704	1	2	2	21	8.50	.057	6	12	2.98	112	.06	31	1.12	.09	.22	1	1
L11650N 5225E	1	29	5	29	.2	11	4	185	1.63	2	5	ND	1	150	1	2	2	25	.91	.070	6	16	.74	105	.08	12	1.28	.07	.21	1	1
L11650N 5825E	1	84	8	75	.1	15	13	307	2.96	31	5	ND	1	31	1	2	2	42	.39	.042	3	48	.96	145	.21	5	2.47	.03	.58	1	1
L11650N 5837.5E	1	68	5	114	.1	13	10	493	2.46	24	5	ND	1	34	1	2	2	38	.42	.051	3	50	.73	125	.16	9	1.67	.03	.57	1	2
L11650N 5850E	1	75	4	90	.2	15	13	524	2.79	21	5	ND	1	33	1	2	2	36	.45	.036	2	66	.90	135	.21	11	2.13	.02	.63	1	1
L11650N 5862.5E	1	50	2	65	.1	13	10	236	2.84	19	5	ND	1	30	1	3	2	41	.37	.034	4	30	.54	159	.19	2	2.94	.04	.26	1	1
L11650N 5875E	1	66	6	83	.1	15	10	471	3.02	10	5	ND	1	37	1	2	2	44	.51	.042	6	37	.55	199	.18	10	2.39	.03	.38	1	2
L11650N 5887.5E	1	34	3	75	.1	14	7	220	2.39	19	5	ND	1	28	1	2	2	37	.37	.069	4	22	.37	169	.16	8	2.62	.03	.13	1	1
L11650N 5900E	1	18	4	79	.1	9	5	274	1.74	6	5	ND	1	21	1	2	2	30	.21	.072	2	14	.27	152	.11	5	1.41	.03	.09	1	1
L11650N 5912.5E	1	24	5	56	.1	13	8	251	2.44	6	5	ND	2	32	1	2	2	38	.37	.032	5	27	.46	134	.17	2	2.25	.03	.24	1	2
L11650N 5925E	1	16	2	83	.1	6	6	227	1.71	6	5	ND	1	22	1	2	2	29	.24	.075	2	21	.31	133	.11	3	1.35	.04	.12	1	2
L11650N 5937.5E	1	44	4	67	.1	24	16	727	2.95	8	5	ND	1	32	1	2	2	42	.50	.043	4	151	1.25	294	.18	7	2.57	.02	.42	1	2
L11650N 5950E	1	71	10	71	.1	27	21	687	3.91	21	5	ND	1	37	1	2	2	55	.73	.023	4	130	1.61	400	.22	5	2.66	.03	.54	1	5
L11650N 5962.5E	1	35	2	57	.1	18	11	406	2.62	6	5	ND	1	27	1	2	2	38	.40	.025	3	94	.88	204	.17	2	2.04	.03	.37	1	2
L11650N 5975E	1	56	4	81	.1	27	16	578	2.91	4	5	ND	1	31	1	2	2	40	.48	.069	4	113	1.27	387	.18	4	2.17	.03	.74	1	1
L11650N 5987.5E	1	22	4	59	.1	16	8	309	2.14	5	5	ND	1	24	1	2	2	33	.33	.043	3	51	.54	179	.13	2	2.00	.03	.25	1	1
L11650N 6000E	1	52	6	78	.1	22	14	678	3.18	4	5	ND	2	29	1	2	2	47	.45	.026	6	98	1.00	294	.19	7	2.34	.02	.64	1	1
L11650N 6012.5E	1	63	7	84	.1	21	19	668	4.12	11	5	ND	2	28	1	2	2	69	.38	.040	4	75	1.49	258	.23	6	3.00	.02	.94	1	2
L11650N 6025E	1	28	4	72	.1	18	9	398	2.65	6	5	ND	1	30	1	2	2	43	.36	.069	6	36	.52	194	.16	7	2.25	.03	.35	1	1
L11650N 6037.5E	1	61	6	106	.1	26	17	841	3.56	11	5	ND	1	35	1	2	2	51	.52	.050	6	141	1.12	342	.19	8	2.71	.03	.60	1	1
L11650N 6050E	1	45	14	70	.1	19	13	475	3.42	7	5	ND	2	35	1	2	2	51	.45	.027	8	63	.87	189	.22	7	2.79	.03	.52	1	1
L11625N 4875E	1	40	7	66	.1	28	11	459	2.64	13	5	ND	2	40	1	2	3	43	.39	.027	7	92	.73	159	.16	9	2.00	.03	.34	1	1
STD C/AU-S	19	57	40	129	7.1	66	30	976	3.95	38	18	8	35	51	18	16	20	57	.47	.090	40	56	.87	186	.09	36	1.85	.07	.15	12	51

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L11650N 5037.5E	1	45	7	78	.1	25	11	585	3.09	20	5	ND	2	42	1	2	2	47	.45	.023	8	57	.69	167	.16	3	2.52	.03	.32	1	2
L11650N 5050E	1	49	7	70	.1	28	12	740	3.19	15	5	ND	2	40	1	2	2	47	.40	.021	8	70	.79	169	.17	5	2.37	.03	.40	1	2
L11650N 5062.5E	1	36	11	57	.1	24	10	319	2.86	13	5	ND	2	37	1	2	2	47	.37	.018	7	62	.71	127	.17	3	2.20	.03	.24	1	1
L11650N 5075E	1	46	3	75	.1	22	8	558	2.89	28	5	ND	2	38	1	3	2	39	.46	.038	6	41	.52	202	.14	9	2.58	.03	.21	1	40
L11650N 5087.5E	1	61	11	60	.1	29	12	418	3.38	14	5	ND	2	49	1	2	2	54	.55	.034	9	66	.91	170	.18	9	2.33	.03	.29	1	1
L11650N 5100E	1	56	10	100	.1	21	10	693	2.70	21	5	ND	2	43	1	2	2	37	.44	.035	5	39	.55	147	.11	12	1.84	.03	.29	1	5
L11650N 5112.5E	1	24	6	38	.1	15	7	219	2.02	10	5	ND	1	45	1	2	2	28	.36	.011	5	30	.43	80	.12	3	1.88	.04	.19	1	1
L11650N 5125E	1	53	3	65	.1	27	11	616	3.05	15	5	ND	2	47	1	2	2	52	.51	.033	8	45	.76	149	.17	4	1.93	.03	.34	1	5
L11650N 5137.5E	1	46	8	76	.1	23	9	659	2.83	29	5	ND	2	42	1	2	2	43	.40	.027	9	37	.60	166	.15	7	2.08	.04	.34	1	12
L11650N 5150E	1	50	15	59	.1	24	11	542	3.09	26	5	ND	2	46	1	3	2	49	.43	.027	10	38	.64	146	.17	2	2.26	.03	.37	1	8
L11650N 5162.5E	1	51	4	49	.1	22	11	531	2.96	19	5	ND	2	81	1	2	3	47	.60	.022	10	35	.85	110	.16	14	1.96	.04	.41	1	14
L11650N 5175E	1	30	2	44	.1	7	3	250	1.10	38	5	ND	1	834	1	4	2	20	6.49	.068	5	12	2.53	95	.04	41	1.00	.08	.15	1	3
L11650N 5187.5E	1	19	5	35	.1	4	1	175	.57	36	8	ND	1	1433	1	2	2	11	10.60	.060	3	4	3.60	126	.02	40	.80	.11	.09	1	1
L11650N 5200E	1	20	2	45	.1	9	3	254	1.09	39	5	ND	1	1274	1	2	2	25	6.08	.050	6	12	6.00	114	.05	57	1.35	.15	.17	1	1
L11650N 5212.5E	1	27	2	41	.1	9	3	210	1.14	6	5	ND	1	704	1	2	2	21	8.50	.057	6	12	2.98	112	.06	31	1.12	.09	.22	1	1
L11650N 5225E	1	29	5	29	.2	11	4	185	1.63	2	5	ND	1	150	1	2	2	25	.91	.070	6	16	.74	105	.08	12	1.28	.07	.21	1	1
L11650N 5825E	1	84	8	75	.1	15	13	307	2.96	31	5	ND	1	31	1	2	2	42	.39	.042	3	48	.96	145	.21	5	2.47	.03	.58	1	1
L11650N 5837.5E	1	68	5	114	.1	13	10	493	2.46	24	5	ND	1	34	1	2	2	38	.42	.051	3	50	.73	125	.16	9	1.67	.03	.57	1	2
L11650N 5850E	1	75	4	90	.2	15	13	524	2.79	21	5	ND	1	33	1	2	2	36	.45	.036	2	66	.90	135	.21	11	2.13	.02	.63	1	1
L11650N 5862.5E	1	50	2	65	.1	13	10	236	2.84	19	5	ND	1	30	1	3	2	41	.37	.034	4	30	.54	159	.19	2	2.94	.04	.26	1	1
L11650N 5875E	1	66	6	83	.1	15	10	471	3.02	10	5	ND	1	37	1	2	2	44	.51	.042	6	37	.55	199	.18	10	2.39	.03	.38	1	2
L11650N 5887.5E	1	34	3	75	.1	14	7	220	2.39	19	5	ND	1	28	1	2	2	37	.37	.069	4	22	.37	169	.16	8	2.62	.03	.13	1	1
L11650N 5900E	1	18	4	79	.1	9	5	274	1.74	6	5	ND	1	21	1	2	2	30	.21	.072	2	14	.27	152	.11	5	1.41	.03	.09	1	1
L11650N 5912.5E	1	24	5	56	.1	13	8	251	2.44	6	5	ND	2	32	1	2	2	38	.37	.032	5	27	.46	134	.17	2	2.25	.03	.24	1	2
L11650N 5925E	1	16	2	83	.1	6	6	227	1.71	6	5	ND	1	22	1	2	2	29	.24	.075	2	21	.31	133	.11	3	1.35	.04	.12	1	2
L11650N 5937.5E	1	44	4	67	.1	24	16	727	2.95	8	5	ND	1	32	1	2	2	42	.50	.043	4	151	1.25	294	.18	7	2.57	.02	.42	1	2
L11650N 5950E	1	71	10	71	.1	27	21	687	3.91	21	5	ND	1	37	1	2	2	55	.73	.023	4	130	1.61	400	.22	5	2.66	.03	.54	1	5
L11650N 5962.5E	1	35	2	57	.1	18	11	406	2.62	6	5	ND	1	27	1	2	2	38	.40	.025	3	94	.88	204	.17	2	2.04	.03	.37	1	2
L11650N 5975E	1	56	4	81	.1	27	16	578	2.91	4	5	ND	1	31	1	2	2	40	.48	.069	4	113	1.27	387	.18	4	2.17	.03	.74	1	1
L11650N 5987.5E	1	22	4	59	.1	16	8	309	2.14	5	5	ND	1	24	1	2	2	33	.33	.043	3	51	.54	179	.13	2	2.00	.03	.25	1	1
L11650N 6000E	1	52	6	78	.1	22	14	678	3.18	4	5	ND	2	29	1	2	2	47	.45	.026	6	98	1.00	294	.19	7	2.34	.02	.64	1	1
L11650N 6012.5E	1	63	7	84	.1	21	19	668	4.12	11	5	ND	2	28	1	2	2	69	.38	.040	4	75	1.49	258	.23	6	3.00	.02	.94	1	2
L11650N 6025E	1	28	4	72	.1	18	9	398	2.65	6	5	ND	1	30	1	2	2	43	.36	.069	6	36	.52	194	.16	7	2.25	.03	.35	1	1
L11650N 6037.5E	1	61	6	106	.1	26	17	841	3.56	11	5	ND	1	35	1	2	2	51	.52	.050	6	141	1.12	342	.19	8	2.71	.03	.60	1	1
L11650N 6050E	1	45	14	70	.1	19	13	475	3.42	7	5	ND	2	35	1	2	2	51	.45	.027	8	63	.87	189	.22	7	2.79	.03	.52	1	1
L11625N 4875E	1	40	7	66	.1	28	11	459	2.64	13	5	ND	2	40	1	2	3	43	.39	.027	7	92	.73	159	.16	9	2.00	.03	.34	1	1
STD C/AU-S	19	57	40	129	7.1	66	30	976	3.95	38	18	8	35	51	18	16	20	57	.47	.090	40	56	.87	186	.09	36	1.85	.07	.15	12	51

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

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
L11625N 4887.5E	1	26	7	47	.2	23	9	265	2.23	18	5	ND	1	35	1	2	2	38	.26	.028	5	68	.62	125	.14	2	2.00	.03	.15	1	1
STD C/AU-S	20	57	40	132	7.1	67	31	988	3.79	40	19	8	37	51	18	17	21	58	.44	.098	40	56	.83	175	.08	35	1.76	.07	.13	13	48
L11625N 4900E	1	41	6	63	.1	24	10	345	2.92	16	5	ND	3	42	1	2	2	55	.39	.035	8	60	.72	161	.18	2	2.16	.03	.30	1	1
L11625N 4912.5E	1	122	5	87	.3	23	12	477	2.92	40	5	ND	3	39	1	4	2	45	.41	.120	8	53	.60	201	.16	3	3.56	.03	.31	1	1
L11625N 4925E	1	45	4	57	.2	24	10	473	2.66	14	5	ND	2	48	1	3	2	47	.38	.026	7	70	.73	146	.16	6	1.85	.03	.39	1	1
L11625N 4937.5E	1	44	3	37	.2	15	8	311	1.80	13	6	ND	1	443	1	2	2	29	4.64	.045	7	34	1.25	130	.09	43	1.27	.08	.40	1	2
L11625N 4950E	1	64	2	48	.2	23	10	526	2.18	18	5	ND	2	426	1	2	2	39	2.15	.057	8	51	2.05	146	.09	49	1.51	.07	.37	1	3
L11625N 4962.5E	1	45	9	61	.1	28	13	525	2.97	37	5	ND	2	45	1	3	3	50	.33	.031	7	81	.83	151	.16	7	2.33	.03	.41	1	1
L11625N 4975E	1	35	10	48	.1	27	12	363	2.48	19	5	ND	2	42	1	3	3	38	.36	.030	6	89	.84	109	.14	3	2.06	.03	.39	2	1
L11625N 4987.5E	1	49	17	75	.1	30	13	621	2.97	27	5	ND	2	42	1	3	2	51	.37	.033	8	70	.83	161	.16	3	2.13	.03	.44	1	1
L11625N 5012.5E	1	34	6	70	.1	21	11	516	2.86	17	5	ND	2	40	1	2	2	49	.37	.032	9	49	.67	186	.17	2	2.15	.03	.32	1	1
L11625N 5025E	1	71	5	64	.1	39	16	599	3.50	19	5	ND	2	43	1	3	2	57	.48	.023	10	114	1.07	159	.17	2	2.38	.03	.45	1	1
L11625N 5037.5E	1	81	4	79	.1	35	14	742	3.41	18	6	ND	2	47	1	3	2	56	.50	.030	11	94	.96	184	.16	6	2.36	.03	.51	1	1
L11625N 5050E	1	41	7	81	.1	22	10	651	2.64	22	5	ND	3	36	1	3	2	41	.35	.037	8	54	.55	180	.15	5	2.41	.03	.31	1	1
L11625N 5062.5E	1	50	7	62	.1	27	11	541	2.97	24	5	ND	2	44	1	2	2	49	.42	.028	9	63	.67	180	.16	5	2.35	.03	.34	1	1
L11625N 5075E	1	29	4	48	.1	21	9	502	2.58	13	5	ND	2	46	1	2	2	47	.38	.017	8	54	.58	150	.16	6	1.85	.03	.31	2	1
L11625N 5087.5E	1	36	3	127	.1	24	10	537	2.55	32	5	ND	2	33	1	2	2	45	.31	.133	6	40	.46	157	.13	4	2.36	.04	.17	1	1
L11625N 5100E	1	58	3	158	.3	21	10	902	2.35	13	5	ND	1	42	1	2	2	35	.40	.041	4	31	.45	221	.12	5	1.81	.03	.21	1	1
L11625N 5112.5E	1	33	4	93	.1	19	8	1097	2.20	15	5	ND	2	49	1	2	2	34	.41	.050	5	42	.45	219	.13	7	1.85	.03	.27	1	1
L11625N 5125E	1	20	2	28	.1	7	3	321	.99	5	5	ND	1	646	1	2	2	17	15.46	.060	5	13	1.38	132	.04	20	.72	.08	.20	2	1
L11625N 5137.5E	1	159	7	61	.1	37	16	506	4.18	100	5	ND	2	76	1	5	2	68	.73	.076	9	60	.89	132	.13	9	1.98	.03	.34	1	21
L11625N 5150E	1	71	6	62	.1	33	13	399	3.47	25	5	ND	2	47	1	2	2	54	.41	.028	9	76	.97	156	.19	5	2.63	.03	.36	1	6
L11625N 5162.5E	1	52	8	83	.1	19	10	371	2.61	19	6	ND	2	38	1	2	2	40	.32	.029	7	57	.59	219	.14	11	2.82	.04	.20	1	3
L11625N 5175E	1	57	8	50	.1	19	11	641	2.66	74	8	ND	2	63	1	3	3	39	.43	.020	7	49	.65	135	.13	13	2.00	.03	.43	1	10
L11625N 5187.5E	1	41	3	56	.1	14	8	354	2.01	67	8	ND	1	836	1	2	2	43	3.42	.057	8	33	3.27	141	.09	37	1.48	.18	.38	1	6
L11625N 5200E	4	38	2	35	.1	14	3	404	1.49	58	5	ND	1	191	1	9	3	23	.89	.063	9	18	.85	134	.10	13	1.99	.10	.23	1	1
L11625N 5212.5E	1	26	2	45	.1	7	3	243	.83	16	5	ND	1	1508	1	2	2	18	9.99	.059	4	10	4.08	114	.03	44	.89	.11	.15	2	1
L11625N 5225E	1	55	7	106	.1	13	13	589	3.09	43	5	ND	1	46	1	2	2	55	.44	.030	3	34	.90	197	.21	8	2.15	.03	.87	1	1
L11625N 5225E	1	77	6	109	.1	13	13	530	3.01	36	5	ND	1	32	1	2	2	50	.42	.041	3	51	.87	216	.18	9	1.99	.03	.65	1	1
L11625N 5237.5E	1	98	2	68	.1	18	16	375	4.41	58	5	ND	1	41	1	2	2	82	.58	.032	5	88	1.24	164	.20	7	2.57	.02	.94	1	5
L11625N 5250E	1	103	4	79	.1	17	15	411	3.86	20	8	ND	2	36	1	2	2	58	.54	.042	6	56	.97	177	.22	13	2.66	.02	.80	1	1
L11625N 5262.5E	1	55	5	59	.1	15	14	305	3.25	23	5	ND	1	32	1	2	2	52	.45	.034	4	48	.77	123	.22	4	2.32	.02	.49	1	1
L11625N 5275E	1	39	3	67	.1	12	10	529	2.70	14	5	ND	1	33	1	2	2	41	.47	.028	5	32	.57	149	.18	6	2.15	.03	.37	1	1
L11625N 5287.5E	1	31	2	73	.1	9	7	309	2.05	8	5	ND	1	24	1	2	2	33	.29	.036	3	23	.31	113	.14	2	1.74	.04	.22	1	1
L11625N 5300E	1	46	2	48	.2	10	3	295	1.07	5	5	ND	1	780	1	2	4	15	8.71	.083	5	10	2.03	136	.05	26	1.05	.08	.16	2	1
L11625N 5312.5E	1	18	6	64	.1	6	7	242	1.81	4	5	ND	1	29	1	2	2	28	.29	.029	3	31	.39	202	.13	7	1.57	.03	.15	1	1
L11625N 5325E	1	55	3	83	.1	11	7	302	1.65	12	5	ND	2	26	1	2	2	27	.40	.209	4	19	.34	124	.11	7	1.73	.03	.17	1	1

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

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
L11625N 5937.5E	1	60	11	71	.1	31	18	494	3.53	2	5	ND	1	33	1	2	2	53	.58	.016	3	182	1.62	310	.24	5	2.72	.02	.82	1	1
L11625N 5950E	1	67	4	82	.1	28	18	712	3.43	3	5	ND	1	32	1	2	2	49	.59	.039	4	183	1.57	365	.19	7	2.53	.02	.86	1	1
L11625N 5962.5E	1	70	2	68	.1	28	17	533	3.43	4	5	ND	1	31	1	2	2	46	.73	.038	3	199	1.58	321	.19	4	2.56	.02	.55	1	1
L11625N 5975E	1	60	11	90	.1	30	17	733	3.39	7	5	ND	1	37	1	2	2	56	.53	.055	4	177	1.68	387	.20	8	2.42	.02	.97	1	1
L11625N 5987.5E	1	73	9	73	.2	37	20	631	3.60	2	5	ND	1	44	1	2	3	63	.82	.034	2	212	2.12	386	.26	2	2.64	.02	.53	1	2
L11625N 6000E	1	46	9	70	.1	20	13	557	3.15	2	5	ND	1	32	1	2	2	47	.44	.026	5	57	1.03	228	.18	2	2.40	.03	.55	1	1
L11625N 6012.5E	1	44	6	62	.2	17	10	377	2.78	2	5	ND	2	32	1	2	2	44	.40	.033	6	44	.72	160	.16	5	2.20	.03	.41	1	1
L11625N 6025E	1	26	5	56	.1	15	8	423	2.43	2	5	ND	1	33	1	2	2	40	.37	.024	6	28	.48	158	.16	3	2.05	.03	.27	1	1
L11625N 6037.5E	1	40	7	57	.1	19	10	358	2.87	4	5	ND	1	35	1	2	2	44	.46	.031	6	42	.67	199	.20	3	2.78	.03	.19	1	1
L11625N 6050E	1	54	6	66	.1	21	12	569	2.99	4	5	ND	1	31	1	2	2	45	.47	.035	6	58	.77	169	.18	3	2.47	.03	.38	1	1
L11600N 4887.5E	1	22	11	44	.1	22	7	351	2.01	8	5	ND	1	36	1	2	2	30	.32	.023	4	57	.55	131	.12	7	1.80	.03	.21	1	2
L11600N 4912.5E	1	35	7	55	.1	26	9	291	2.69	8	5	ND	1	35	1	2	2	45	.36	.025	6	79	.74	99	.16	2	1.96	.03	.31	1	1
L11600N 4937.5E	1	22	4	37	.1	18	9	238	2.25	5	5	ND	1	39	1	2	2	41	.33	.010	4	54	.60	80	.15	9	1.45	.03	.25	1	1
L11600N 4962.5E	1	56	2	49	.1	20	7	263	2.26	17	7	ND	1	131	1	2	3	33	.54	.034	7	35	1.87	92	.11	20	1.90	.06	.27	1	2
L11600N 4987.5E	1	62	11	66	.1	45	12	450	3.02	27	5	ND	2	49	1	2	3	44	.50	.032	10	87	.81	178	.15	5	3.09	.04	.21	1	3
L11600N 5012.5E	1	26	7	71	.2	18	7	537	2.50	13	5	ND	2	38	1	2	2	39	.43	.049	6	33	.52	171	.15	6	1.99	.03	.25	1	1
L11600N 5037.5E	1	58	11	60	.1	38	13	551	3.36	19	5	ND	2	43	1	2	3	53	.51	.023	10	98	.98	143	.17	7	2.43	.04	.40	1	4
L11600N 5062.5E	1	74	18	76	.1	36	14	643	3.68	31	5	ND	2	49	1	2	2	59	.57	.026	13	73	.91	180	.19	7	2.57	.04	.42	1	12
L11600N 5087.5E	1	56	6	49	.1	34	11	433	3.04	15	5	ND	2	57	1	2	2	51	.64	.028	9	64	.81	131	.16	6	2.03	.04	.43	1	11
L11600N 5112.5E	1	106	6	57	.2	29	18	378	3.11	11	5	ND	2	33	1	2	2	42	.42	.026	5	44	1.13	107	.14	6	2.85	.04	.33	1	1
L11600N 5137.5E	1	40	8	53	.1	22	10	607	2.52	7	5	ND	2	57	1	2	2	37	.40	.018	7	54	.71	139	.14	5	1.99	.03	.32	1	1
L11600N 5162.5E	1	61	2	57	.2	30	12	546	2.95	41	5	ND	2	141	1	2	2	49	2.99	.059	10	41	.98	142	.13	11	1.78	.04	.39	1	37
L11600N 5187.5E	2	18	2	25	.1	6	1	970	.32	12	6	ND	1	1691	1	2	2	9	18.02	.057	2	2	1.36	113	.01	26	.30	.06	.05	1	1
L11600N 5212.5E	2	10	2	21	.1	4	1	143	.26	9	9	ND	1	2072	1	2	2	13	13.94	.042	2	3	4.90	107	.01	49	.43	.09	.06	1	1
L11600N 5862.5E	1	76	6	81	.2	16	11	416	3.21	13	5	ND	2	37	1	2	2	48	.51	.026	6	54	.84	153	.21	8	2.37	.03	.50	1	1
L11600N 5887.5E	1	54	16	100	.1	16	11	540	3.23	25	5	ND	2	37	1	2	2	43	.55	.032	6	36	.57	179	.17	11	2.43	.03	.49	1	2
L11600N 5900E	1	62	8	79	.1	16	12	357	3.50	76	5	ND	1	34	1	3	2	45	.49	.039	4	42	.57	134	.15	8	2.06	.04	.35	1	8
L11600N 5912.5E	1	25	6	53	.1	13	8	310	2.47	6	5	ND	2	29	1	2	2	35	.39	.016	5	29	.42	115	.18	6	2.37	.03	.26	1	2
L11600N 5925E	1	84	9	125	.1	12	10	482	2.56	12	6	ND	2	35	1	2	2	35	.43	.150	4	25	.47	303	.14	8	2.41	.03	.18	1	1
L11600N 5937.5E	1	13	11	58	.1	8	6	198	2.05	4	5	ND	1	25	1	2	2	31	.26	.026	3	22	.38	116	.14	6	1.81	.03	.15	1	1
L11600N 5950E	1	48	12	67	.1	16	13	404	3.26	4	8	ND	2	27	1	2	2	49	.41	.028	4	90	1.03	215	.21	6	2.47	.03	.68	1	1
L11600N 5962.5E	1	53	12	70	.1	20	15	445	3.79	7	5	ND	2	44	1	2	3	66	.61	.024	6	78	1.25	274	.27	7	2.77	.03	.57	1	1
L11600N 5975E	1	44	8	81	.1	31	16	853	3.29	10	6	ND	1	35	1	2	2	47	.56	.020	5	189	1.41	297	.19	6	2.41	.02	.87	1	1
L11600N 5987.5E	2	60	12	76	.1	46	23	523	4.02	13	5	ND	1	41	1	2	2	64	.67	.034	3	244	2.58	341	.28	8	2.96	.02	.95	1	1
L11600N 6000E	2	80	9	61	.1	61	25	463	4.24	4	5	ND	1	31	1	2	2	55	.77	.029	3	602	3.13	341	.23	7	3.33	.01	.64	1	2
L11600N 6012.5E	1	28	5	54	.1	14	9	424	2.51	9	5	ND	1	31	1	2	2	40	.35	.024	6	42	.58	159	.16	3	2.07	.03	.26	1	2
STD C/AU-S	20	57	43	129	7.2	68	29	928	3.91	39	19	7	34	48	17	15	22	54	.47	.089	38	54	.86	178	.09	36	1.83	.07	.14	13	52

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

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
L11600N 6025E	1	28	2	58	.1	14	10	388	2.61	4	5	ND	2	31	1	2	2	40	.35	.024	5	46	.63	153	.18	3	2.37	.03	.30	1	1
L11600N 6037.5E	1	42	2	96	.1	17	10	1057	2.67	5	5	ND	2	39	1	2	2	41	.49	.052	5	57	.72	297	.17	6	2.50	.03	.52	1	1
L11600N 6050E	1	37	8	75	.1	15	9	553	2.49	5	5	ND	2	33	1	2	3	38	.40	.037	6	40	.53	197	.16	3	2.42	.03	.20	1	2
L11575N 4875E	1	43	4	86	.1	34	11	667	3.16	31	5	ND	2	44	1	3	2	49	.42	.043	8	96	.80	213	.16	3	2.79	.04	.23	1	2
L11575N 4887.5E	1	66	7	82	.1	36	13	713	3.07	28	5	ND	2	51	1	3	2	43	.55	.036	7	122	.92	217	.15	8	2.40	.03	.45	1	6
L11575N 4900E	1	39	2	59	.1	30	11	460	2.86	18	5	ND	2	46	1	2	2	46	.43	.026	7	89	.80	170	.18	6	2.40	.03	.30	1	1
L11575N 4912.5E	1	42	6	57	.1	23	12	288	3.00	15	5	ND	2	43	1	2	2	50	.45	.022	8	77	.80	143	.19	4	2.40	.03	.19	1	3
L11575N 4925E	1	60	2	71	.1	25	9	504	2.77	16	5	ND	2	37	1	2	2	41	.45	.049	6	61	.65	125	.15	6	2.21	.03	.22	1	1
L11575N 4937.5E	1	61	7	85	.1	31	12	698	3.08	11	5	ND	2	43	1	2	2	46	.46	.025	8	94	.81	188	.16	7	2.20	.03	.46	1	1
L11575N 4950E	1	35	3	63	.1	22	10	587	2.56	8	5	ND	1	50	1	2	2	39	.45	.030	7	57	.60	186	.15	8	2.04	.03	.34	2	3
L11575N 4962.5E	1	43	4	63	.1	22	12	505	3.00	14	5	ND	2	46	1	2	2	45	.44	.025	7	58	.79	202	.17	4	2.64	.04	.24	1	1
L11575N 4975E	1	27	10	56	.1	19	11	438	2.79	19	5	ND	2	54	1	2	2	40	.32	.024	6	56	.85	109	.16	6	2.39	.04	.29	1	1
L11575N 4987.5E	1	39	5	61	.1	24	11	416	2.96	25	5	ND	1	58	1	2	2	45	.42	.043	6	72	.70	118	.15	18	2.39	.04	.35	1	2
L11575N 5012.5E	1	45	12	71	.1	23	11	760	2.98	18	7	ND	2	62	1	6	2	46	.54	.030	9	46	.68	179	.15	15	2.20	.03	.44	1	2
L11575N 5025E	1	38	2	61	.1	18	11	418	2.96	9	5	ND	1	36	1	2	2	48	.38	.019	7	36	.62	123	.15	4	2.20	.03	.22	1	1
L11575N 5037.5E	1	57	2	59	.1	32	13	527	3.47	22	5	ND	2	48	1	2	2	57	.54	.031	10	75	.85	164	.18	3	2.44	.03	.41	1	1
L11575N 5050E	1	51	8	80	.1	33	13	772	3.03	20	5	ND	2	45	1	2	2	47	.51	.035	10	66	.69	191	.16	12	2.27	.03	.45	1	1
L11575N 5062.5E	1	38	6	66	.1	24	11	592	2.92	22	5	ND	2	39	1	2	2	45	.41	.023	9	53	.66	174	.16	9	2.52	.03	.30	1	1
L11575N 5075E	1	46	2	66	.1	23	12	618	3.03	28	5	ND	2	43	1	2	2	47	.43	.025	10	58	.70	168	.17	26	2.53	.04	.33	1	1
L11575N 5087.5E	1	48	4	59	.1	30	12	609	3.22	15	5	ND	2	45	1	2	2	54	.45	.020	10	62	.70	161	.18	7	2.32	.04	.38	1	2
L11575N 5100E	1	74	7	58	.1	35	14	505	3.60	18	5	ND	3	57	1	2	2	60	.57	.024	11	90	.94	154	.19	8	2.31	.05	.40	1	6
L11575N 5112.5E	1	82	6	75	.1	31	16	703	3.81	12	5	ND	3	50	1	2	2	59	.57	.030	10	102	1.07	179	.18	10	2.77	.04	.54	1	1
L11575N 5125E	1	79	5	66	.1	35	15	639	3.49	12	5	ND	2	54	1	2	2	51	.47	.019	9	91	1.02	149	.17	8	2.42	.04	.53	1	1
L11575N 5137.5E	1	65	7	57	.1	30	14	555	3.35	15	5	ND	2	50	1	2	2	56	.48	.030	10	80	.97	140	.18	7	2.20	.04	.41	1	2
L11575N 5150E	1	50	4	51	.1	25	13	661	3.02	21	5	ND	2	85	1	3	2	42	.47	.019	9	54	.83	140	.15	8	2.12	.04	.48	1	1
L11575N 5162.5E	1	32	2	50	.1	10	5	337	1.40	152	5	ND	2	1025	1	3	2	34	4.44	.070	6	22	6.32	128	.06	51	1.50	.19	.26	1	9
L11575N 5175E	1	23	2	31	.1	12	4	460	1.45	18	6	ND	1	557	1	2	3	34	6.07	.069	5	21	.74	98	.08	10	.64	.06	.09	1	1
L11575N 5187.5E	2	18	2	19	.1	5	1	376	.60	7	6	ND	1	1110	1	2	2	9	20.53	.054	3	8	1.28	133	.03	16	.56	.05	.07	1	1
L11575N 5200E	2	6	2	30	.1	4	1	137	.24	14	5	ND	1	2344	1	2	2	14	14.53	.046	2	2	6.18	99	.01	67	.38	.08	.06	1	1
L11575N 5212.5E	2	6	2	20	.2	3	1	294	.36	4	5	ND	1	1462	1	2	2	7	20.22	.045	2	2	2.56	116	.01	26	.39	.08	.07	1	1
L11575N 5225E	5	20	2	27	.2	7	1	1230	.55	5	7	ND	1	918	1	2	2	12	18.83	.060	2	5	1.35	133	.02	25	.43	.05	.07	1	1
L11550N 4875E	1	53	6	110	.4	32	13	740	3.30	77	6	ND	2	58	1	3	2	49	.63	.058	8	104	.82	272	.16	6	3.14	.03	.26	1	6
L11550N 4887.5E	1	110	11	88	.1	31	15	472	3.92	90	5	ND	2	50	1	2	2	54	.57	.042	9	91	.85	162	.16	6	2.95	.03	.41	1	49
L11550N 4900E	1	37	7	43	.1	24	10	367	2.24	19	5	ND	2	53	1	2	2	32	.41	.026	6	78	.68	129	.13	8	1.86	.03	.28	1	4
L11550N 4912.5E	1	57	2	64	.1	32	12	431	3.14	14	6	ND	2	44	1	2	2	51	.43	.017	8	103	.89	156	.18	5	2.27	.04	.37	1	1
L11550N 4925E	1	66	2	69	.1	43	15	607	3.41	23	6	ND	3	51	1	2	2	57	.53	.035	9	144	1.14	175	.19	8	2.47	.03	.35	1	2
STD C/AU-S	19	59	41	130	7.2	68	30	991	3.97	42	16	8	36	52	18	16	22	59	.48	.095	41	58	.87	189	.09	35	1.85	.07	.14	13	48

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AU*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L11550N 4937.5E	1	39	13	86	.1	23	11	657	2.96	18	5	ND	2	40	1	2	2	47	.47	.024	8	65	.66	171	.16	6	2.62	.03	.30	1	3
L11550N 4950E	1	45	10	54	.1	22	10	452	3.01	15	6	ND	2	37	1	2	2	49	.42	.023	7	59	.69	130	.17	4	2.15	.03	.35	1	2
L11550N 4962.5E	1	44	6	44	.1	27	12	490	2.80	15	5	ND	1	48	1	2	2	48	.40	.015	8	70	.74	144	.15	2	1.95	.03	.33	2	6
L11550N 4975E	1	66	7	56	.1	33	16	487	3.40	34	5	ND	2	45	1	2	2	62	.47	.020	10	93	1.04	144	.19	5	2.19	.03	.35	1	10
L11550N 4987.5E	1	35	13	101	.1	19	8	807	2.13	31	5	ND	1	46	1	2	3	34	.36	.088	5	41	.45	243	.12	4	2.23	.03	.13	1	4
L11550N 5012.5E	1	41	10	56	.2	19	10	457	3.00	16	5	ND	2	50	1	2	2	49	.36	.021	8	50	.70	122	.17	8	2.16	.03	.35	1	3
L11550N 5025E	1	79	6	64	.3	23	12	745	2.86	42	5	ND	2	91	1	2	4	43	.47	.026	9	46	.82	100	.14	13	2.22	.03	.38	1	3
L11550N 5037.5E	1	53	12	70	.1	27	11	570	3.29	32	5	ND	2	44	1	2	2	53	.46	.028	9	64	.74	178	.17	6	2.38	.03	.40	1	12
L11550N 5050E	1	48	9	60	.1	29	12	486	3.34	22	5	ND	3	42	1	2	2	55	.43	.031	9	64	.79	159	.17	5	2.46	.03	.36	1	5
L11550N 5062.5E	1	55	11	70	.1	29	11	450	3.14	30	5	ND	3	46	1	4	2	51	.46	.038	10	62	.71	139	.16	11	2.25	.03	.42	2	20
L11550N 5075E	1	57	14	69	.1	31	12	582	3.17	25	5	ND	2	46	1	2	2	54	.49	.035	11	71	.82	158	.17	9	2.20	.03	.40	1	15
L11550N 5087.5E	1	48	13	59	.1	27	11	600	2.88	16	5	ND	2	53	1	2	2	47	.45	.022	10	60	.70	137	.16	3	1.94	.04	.34	1	7
L11550N 5100E	1	60	11	56	.1	36	12	463	3.30	17	5	ND	2	51	1	2	2	54	.47	.020	10	91	.93	128	.17	11	2.22	.04	.40	1	12
L11550N 5112.5E	1	59	11	58	.1	32	13	621	3.14	18	5	ND	2	61	1	2	2	49	.48	.026	9	82	.90	128	.16	10	2.03	.04	.46	1	8
L11550N 5125E	1	66	10	60	.1	31	14	591	3.42	19	5	ND	2	54	1	2	2	52	.44	.017	9	71	.89	143	.17	5	2.38	.04	.45	1	10
L11550N 5137.5E	1	50	2	58	.1	25	12	755	2.80	17	5	ND	2	75	1	3	2	43	.45	.024	9	56	.73	168	.14	7	2.15	.04	.39	1	3
L11550N 5150E	1	54	7	41	.2	21	10	474	2.45	17	5	ND	2	195	1	2	2	44	1.51	.033	9	45	1.10	129	.13	8	1.63	.04	.30	1	5
L11550N 5162.5E	1	28	3	43	.1	9	4	283	1.34	44	8	ND	1	967	1	2	2	28	2.98	.063	6	19	4.56	95	.05	39	1.37	.12	.19	1	3
L11550N 5175E	1	32	6	36	.1	8	2	272	.62	24	5	ND	1	1402	1	2	2	16	12.22	.063	3	10	3.38	151	.02	47	.83	.07	.08	1	2
L11550N 5187.5E	1	46	16	56	.4	17	3	481	1.06	25	8	ND	1	1329	1	2	2	24	13.16	.046	5	16	2.89	182	.05	31	1.04	.07	.11	1	3
L11550N 5200E	2	6	3	19	.1	1	1	150	.17	14	5	ND	1	2066	1	2	2	10	13.50	.029	2	1	4.03	87	.01	34	.26	.06	.03	1	2
L11550N 5212.5E	2	7	2	22	.2	5	1	195	.20	3	5	ND	1	2001	1	2	5	14	19.94	.036	2	2	2.94	126	.01	25	.22	.07	.02	1	1
L11550N 5225E	2	10	2	20	.1	4	1	280	.27	3	5	ND	1	1139	1	2	3	10	16.64	.040	2	2	2.53	95	.01	17	.32	.06	.03	1	1
L11550N 525E	1	34	7	95	.1	11	8	502	2.12	27	5	ND	1	33	1	2	2	35	.39	.030	3	27	.52	187	.13	2	1.45	.03	.35	1	3
L11550N 5837.5E	1	51	6	64	.1	16	11	569	2.98	16	5	ND	2	38	1	2	2	52	.54	.024	6	41	.76	188	.21	6	1.65	.02	.63	1	1
L11550N 5850E	1	51	4	72	.1	13	13	728	2.91	7	5	ND	1	24	1	2	2	39	.32	.028	3	67	.99	207	.20	6	2.26	.02	.80	1	1
L11550N 5862.5E	1	152	5	80	.2	24	26	474	5.24	15	5	ND	1	29	1	2	2	90	.93	.073	3	167	2.25	329	.25	2	2.63	.01	1.48	1	2
L11550N 5875E	1	50	9	90	.1	19	11	998	2.72	8	5	ND	2	28	1	2	2	41	.44	.024	5	47	.68	241	.18	7	1.91	.03	.54	1	1
L11550N 5887.5E	1	43	11	131	.1	13	12	1377	3.27	9	6	ND	2	34	1	2	2	48	.40	.027	4	46	.81	362	.21	6	2.50	.02	.64	1	1
L11550N 5925E	1	5	5	36	.1	3	4	108	1.18	2	5	ND	1	16	1	3	2	.19	.17	.048	2	7	.16	67	.07	3	1.06	.03	.05	1	1
L11550N 5937.5E	1	16	7	43	.1	7	6	421	1.88	3	5	ND	1	33	1	2	2	31	.48	.017	3	18	.35	123	.13	2	1.35	.03	.28	1	1
L11550N 5950E	1	89	7	118	.1	14	17	660	3.69	10	5	ND	1	30	1	2	2	64	.44	.041	2	38	1.17	267	.25	6	2.30	.02	1.10	1	2
L11550N 5962.5E	1	114	13	92	.2	15	21	1092	3.91	17	5	ND	2	30	1	2	2	66	.44	.033	4	34	1.18	325	.24	8	2.36	.02	.96	1	1
L11550N 5975E	1	29	3	143	.1	12	11	1579	2.56	10	5	ND	1	34	1	2	2	40	.48	.025	4	24	.64	407	.16	9	1.89	.02	.58	1	3
L11550N 5987.5E	1	32	6	84	.1	21	13	1198	2.83	7	5	ND	2	33	1	2	3	47	.44	.032	5	163	1.03	313	.18	4	2.08	.02	.71	1	4
L11550N 6000E	1	29	8	60	.1	15	11	655	2.60	6	5	ND	2	34	1	2	2	41	.45	.019	6	72	.73	195	.18	7	2.10	.03	.36	1	5
STD C/AU-S	20	59	43	128	7.4	66	29	982	3.98	42	19	8	36	51	18	17	23	58	.48	.091	40	59	.88	187	.09	32	1.87	.07	.14	14	51

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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	AUX PPB
L11550N 6012.5E	1	60	2	51	.1	18	11	571	2.69	18	5	ND	2	32	1	2	2	42	.41	.020	6	50	.67	163	.15	4	1.88	.02	.55	1	2
L11550N 6025E	1	52	10	97	.1	15	11	1018	2.93	39	5	ND	2	29	1	2	2	45	.37	.026	6	56	.65	239	.15	9	2.17	.02	.56	1	1
L11550N 6037.5E	1	68	7	108	.1	17	14	1498	2.86	14	5	ND	2	31	1	2	2	46	.43	.038	5	72	.87	302	.17	7	2.35	.02	.68	1	1
L11550N 6040E	1	31	8	105	.1	13	9	910	2.39	12	5	ND	2	30	1	2	2	37	.34	.047	4	30	.45	246	.13	7	2.07	.03	.25	1	1
L11525N 4875E	1	47	14	79	.1	29	13	574	3.08	30	5	ND	2	40	1	2	2	48	.44	.035	6	105	.94	172	.16	9	2.35	.02	.33	1	4
L11525N 4887.5E	1	38	10	99	.1	24	9	523	2.61	29	5	ND	1	32	1	2	2	37	.36	.043	5	79	.58	185	.13	8	2.21	.03	.25	1	3
L11525N 4900E	1	42	7	71	.1	27	9	530	2.48	14	5	ND	1	46	1	2	2	35	.47	.029	5	83	.67	126	.12	10	1.67	.02	.43	1	2
L11525N 4912.5E	1	44	12	85	.1	26	11	439	2.67	13	5	ND	2	37	1	2	2	41	.35	.032	6	77	.72	169	.14	7	2.01	.03	.28	1	1
L11525N 4925E	1	40	4	103	.1	22	8	1112	2.20	33	5	ND	1	40	1	2	2	35	.44	.106	5	41	.45	280	.11	8	1.85	.02	.18	1	1
L11525N 4937.5E	1	72	12	64	.1	36	15	558	3.36	25	5	ND	2	43	1	2	2	51	.62	.030	8	110	1.00	173	.17	6	2.41	.02	.41	1	4
L11525N 4950E	1	54	8	50	.1	26	12	402	3.05	19	5	ND	2	42	1	2	2	47	.47	.020	9	73	.75	135	.16	6	2.12	.03	.37	1	3
L11525N 4962.5E	1	45	4	66	.1	27	10	515	2.87	17	7	ND	2	36	1	3	2	43	.31	.019	7	64	.67	156	.16	4	2.24	.03	.36	2	1
L11525N 4975E	1	40	3	48	.1	25	10	502	2.67	22	5	ND	2	37	1	2	4	40	.38	.021	7	57	.65	163	.15	7	2.24	.03	.32	2	1
L11525N 4987.5E	1	42	8	53	.1	27	12	569	2.89	16	5	ND	2	40	1	2	2	42	.39	.021	8	75	.83	165	.15	6	2.34	.03	.35	1	1
L11525N 5012.5E	1	53	10	70	.1	28	14	829	3.16	25	5	ND	2	36	1	2	2	49	.38	.018	7	77	.85	218	.15	6	2.20	.03	.44	1	1
L11525N 5025E	1	40	10	64	.1	18	10	432	2.81	27	5	ND	2	40	1	2	2	43	.31	.033	9	43	.64	193	.16	3	2.55	.03	.24	1	1
L11525N 5037.5E	1	52	7	87	.1	21	13	764	3.08	37	5	ND	2	47	1	2	3	46	.51	.030	8	42	.69	241	.15	11	2.40	.03	.32	1	3
L11525N 5050E	1	57	13	61	.1	20	12	452	3.09	24	5	ND	2	51	1	2	2	45	.42	.022	8	42	.70	115	.15	10	2.35	.03	.40	1	1
L11525N 5062.5E	1	68	5	59	.1	24	11	677	2.94	35	5	ND	2	71	1	2	2	40	.39	.021	9	45	.86	85	.14	22	2.28	.04	.45	1	1
L11525N 5075E	1	63	6	49	.1	27	11	517	2.71	14	5	ND	2	118	1	2	2	43	1.78	.037	9	57	.85	134	.14	17	1.73	.04	.43	1	4
L11525N 5087.5E	1	55	7	58	.1	27	12	517	3.00	16	5	ND	2	64	1	2	2	45	.54	.025	9	65	.82	140	.16	14	2.10	.04	.43	1	5
L11525N 5100E	1	66	11	52	.1	36	13	458	3.05	18	5	ND	2	70	1	2	3	49	.77	.027	9	82	1.08	116	.16	18	1.94	.05	.41	1	10
L11525N 5112.5E	1	59	9	48	.1	26	9	512	2.29	29	5	ND	1	468	1	2	2	42	3.98	.040	9	59	2.51	137	.11	44	1.59	.21	.43	1	2
L11525N 5125E	1	47	2	54	.1	27	12	643	2.89	11	5	ND	2	72	1	2	3	45	.50	.015	9	65	.89	132	.15	15	1.85	.04	.43	1	5
L11525N 5137.5E	1	36	6	47	.1	22	10	542	2.38	13	6	ND	2	85	1	2	2	37	.46	.025	8	46	.92	115	.13	8	1.91	.04	.36	1	1
L11525N 5150E	1	95	8	70	.1	24	17	726	3.62	51	5	ND	2	101	1	3	2	42	.72	.058	6	41	.92	194	.12	20	2.33	.03	.56	1	10
L11525N 5162.5E	1	27	4	39	.1	8	4	279	.92	22	5	ND	1	860	1	2	2	16	7.36	.060	4	15	3.11	117	.03	53	.99	.08	.17	1	2
L11525N 5175E	1	20	3	36	.1	5	1	205	.40	14	5	ND	1	1472	1	2	2	10	16.09	.066	2	7	3.23	152	.01	62	.57	.08	.07	2	1
L11525N 5187.5E	2	51	2	20	.1	9	2	789	.47	39	5	ND	1	1386	1	2	3	19	21.23	.067	2	7	1.00	204	.01	34	.39	.05	.07	1	1
L11525N 5200E	2	16	2	18	.1	4	1	523	.36	18	6	ND	1	1625	1	2	3	10	24.15	.047	2	3	1.42	171	.01	19	.32	.06	.05	1	1
L11525N 5212.5E	2	17	7	17	.1	6	2	1148	.64	12	8	ND	1	1227	1	2	2	12	20.11	.044	3	8	1.50	155	.02	12	.54	.06	.07	1	1
L11525N 5225E	11	71	7	31	.2	26	9	435	1.53	65	5	ND	1	131	1	3	2	55	2.61	.159	4	12	.61	112	.03	25	.79	.04	.11	1	1
L11500N 4887.5E	1	36	11	77	.1	27	12	537	2.81	35	5	ND	1	46	1	2	2	43	.50	.028	6	90	.80	163	.16	3	2.31	.03	.27	1	2
L11500N 4937.5E	1	62	10	61	.1	31	13	397	3.21	21	5	ND	2	40	1	2	2	47	.45	.024	8	115	.98	150	.17	8	2.47	.03	.38	1	9
L11500N 4962.5E	1	33	6	61	.1	24	11	520	2.78	13	5	ND	2	34	1	3	2	44	.35	.017	6	57	.65	141	.17	6	2.01	.03	.37	1	1
L11500N 4987.5E	1	37	8	69	.1	23	10	531	2.46	17	5	ND	2	39	1	2	2	32	.44	.045	7	55	.61	211	.13	7	2.24	.03	.37	1	1
STD C/AU-S	18	58	40	126	7.4	60	29	957	3.91	37	19	8	34	49	17	16	21	56	.47	.087	39	58	.86	182	.09	36	1.82	.07	.15	13	53

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
L11500N 5012.5E	1	46	4	72	.1	27	13	931	3.02	16	6	ND	2	41	1	2	2	44	.40	.035	7	65	.78	213	.14	8	2.14	.02	.54	1	2
L11500N 5037.5E	1	53	6	65	.1	25	14	446	3.36	8	5	ND	2	37	1	2	2	52	.39	.031	7	58	.93	158	.17	4	2.46	.03	.28	1	1
L11500N 5062.5E	1	49	4	63	.1	25	10	453	2.88	5	5	ND	2	36	1	2	2	43	.38	.023	8	51	.62	142	.15	6	2.30	.03	.37	1	1
L11500N 5087.5E	1	40	3	48	.1	23	10	553	2.78	12	5	ND	2	60	1	4	2	41	.42	.013	8	58	.82	124	.15	8	1.91	.04	.38	1	1
L11500N 5112.5E	1	40	5	53	.1	25	10	662	2.74	10	5	ND	3	63	1	3	2	40	.48	.019	8	55	.76	124	.15	17	1.95	.04	.40	1	1
L11500N 5137.5E	1	40	2	57	.1	24	10	577	2.55	11	5	ND	1	52	1	3	2	39	.37	.025	9	45	.62	140	.13	8	1.93	.03	.31	1	1
L11500N 5162.5E	1	52	8	55	.1	26	11	644	2.88	26	5	ND	1	96	1	2	2	42	.61	.033	9	51	.90	120	.13	17	2.21	.04	.40	1	1
L11500N 5187.5E	1	70	3	51	.1	13	5	203	1.49	39	5	ND	1	535	1	2	2	22	7.27	.086	7	27	2.00	131	.05	34	1.46	.06	.20	1	1
L11500N 5762.5E	1	60	8	57	.1	14	13	774	2.96	12	5	ND	1	37	1	2	2	43	.52	.033	5	35	1.00	230	.20	5	1.98	.02	.72	1	1
L11500N 5787.5E	1	55	2	77	.1	17	14	768	3.28	37	5	ND	1	30	1	2	2	49	.39	.031	4	36	.99	220	.18	3	1.98	.02	.71	1	5
L11500N 5812.5E	1	72	7	70	.1	16	15	611	3.59	37	5	ND	1	29	1	2	2	55	.49	.027	4	38	1.02	216	.20	5	2.05	.02	.76	1	1
L11500N 5837.5E	1	54	4	76	.2	15	12	722	3.14	9	5	ND	2	24	1	2	2	44	.39	.024	4	40	.87	240	.20	9	2.08	.02	.76	1	4
L11500N 5850E	1	48	2	91	.1	13	13	771	3.31	6	5	ND	1	24	1	2	2	52	.36	.022	3	40	.98	271	.22	7	2.09	.02	.80	1	1
L11500N 5862.5E	1	21	3	89	.1	7	5	291	1.44	6	5	ND	1	20	1	2	2	26	.20	.086	2	14	.19	202	.09	2	.83	.03	.08	1	1
L11500N 5875E	1	31	2	155	.2	14	8	651	2.19	16	5	ND	1	28	1	2	2	29	.40	.041	2	38	.52	204	.12	12	1.75	.02	.47	1	1
L11500N 5887.5E	1	67	2	81	.1	16	11	783	2.99	8	6	ND	2	30	1	2	2	43	.45	.018	6	45	.74	180	.19	7	2.01	.02	.63	1	1
L11500N 5900E	1	53	6	109	.2	15	14	1075	3.09	10	5	ND	2	37	1	3	2	44	.56	.029	5	42	.60	268	.18	13	2.38	.03	.48	1	3
L11500N 5912.5E	1	62	5	90	.1	15	13	1367	3.37	9	5	ND	1	39	1	2	2	50	.54	.030	5	43	.88	306	.19	7	2.97	.02	.57	1	2
L11500N 5925E	1	34	4	128	.1	9	8	841	2.38	28	5	ND	1	25	1	2	2	36	.31	.278	3	23	.44	243	.14	6	2.37	.02	.12	1	1
L11500N 5937.5E	1	51	2	91	.1	13	12	1266	2.87	15	5	ND	1	33	1	3	2	41	.46	.033	4	33	.65	202	.18	6	2.25	.02	.51	1	1
L11500N 5950E	1	40	2	207	.1	13	12	1871	2.46	14	5	ND	1	34	1	2	2	39	.46	.164	3	30	.61	371	.14	2	1.92	.02	.25	1	1
L11500N 5962.5E	1	12	2	107	.1	7	6	639	1.53	2	5	ND	1	19	1	2	2	26	.21	.058	2	12	.28	199	.10	4	1.15	.03	.13	1	1
L11500N 5975E	1	43	2	101	.1	15	13	1010	3.18	5	5	ND	2	31	1	2	2	53	.41	.021	5	39	.72	245	.20	3	2.46	.02	.54	1	3
L11500N 5987.5E	1	33	2	92	.1	13	11	640	2.92	11	5	ND	1	26	1	2	2	42	.37	.048	3	34	.65	181	.16	6	2.56	.02	.34	1	1
L11500N 6000E	1	30	4	72	.1	17	9	597	2.64	9	5	ND	2	31	1	2	2	44	.40	.022	7	48	.59	162	.17	6	1.68	.03	.47	1	2
L11500N 6012.5E	1	58	2	142	.1	13	13	916	2.79	6	5	ND	1	32	1	2	2	44	.41	.049	3	62	.97	284	.17	8	1.93	.02	.84	1	2
L11500N 6025E	1	74	2	129	.1	16	16	945	3.27	13	5	ND	2	52	1	2	2	57	.60	.173	4	78	1.18	290	.19	7	2.54	.03	.81	2	2
L11500N 6037.5E	1	25	3	45	.1	11	9	535	2.23	7	5	ND	1	29	1	2	2	36	.32	.015	5	35	.51	131	.15	2	1.68	.02	.29	1	3
L11500N 6050E	1	43	4	66	.1	15	10	813	2.67	6	6	ND	2	28	1	2	2	41	.33	.023	6	40	.61	176	.17	4	2.05	.02	.48	1	2
L11475N 4875E	2	44	10	113	.1	58	11	968	3.12	48	5	ND	2	41	1	2	2	42	.60	.038	7	87	.77	222	.15	10	2.48	.02	.46	1	3
L11475N 4887.5E	1	56	2	54	.2	37	12	295	2.97	30	5	ND	2	37	1	2	2	44	.45	.019	6	118	.95	111	.16	2	2.57	.03	.19	1	3
L11475N 4900E	1	63	2	82	.2	23	14	1358	3.17	16	5	ND	1	41	1	2	2	45	.54	.023	7	65	.71	199	.13	4	2.47	.03	.32	1	1
L11475N 4912.5E	1	156	6	83	.2	26	20	809	3.94	24	6	ND	2	55	1	2	2	48	.95	.043	8	61	.87	130	.12	14	2.99	.02	.37	1	2
L11475N 4925E	1	106	4	84	.1	74	20	888	3.63	19	5	ND	1	61	1	2	2	44	.71	.037	6	148	1.32	127	.10	15	2.55	.02	.43	1	1
L11475N 4937.5E	1	62	4	71	.1	33	12	458	2.99	13	5	ND	2	39	1	2	2	43	.44	.027	7	123	.88	140	.15	8	1.96	.03	.48	1	5
L11475N 4950E	1	33	3	63	.1	20	9	430	2.67	15	5	ND	2	36	1	3	2	41	.37	.028	7	57	.66	144	.17	7	2.06	.03	.38	1	1
STD C/AU-S	19	59	39	127	7.1	67	29	966	3.99	39	19	8	35	50	17	15	20	56	.48	.090	40	59	.88	184	.09	35	1.85	.07	.15	12	51

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
L11475N 4962.5E	1	55	7	100	.1	25	14	782	3.01	23	6	ND	2	33	1	2	2	43	.39	.032	6	51	.70	218	.16	3	2.91	.03	.22	1	1
L11475N 4975E	1	64	5	59	.1	21	11	533	2.83	12	5	ND	2	32	1	2	2	40	.37	.016	5	78	.84	149	.16	5	2.18	.03	.26	1	1
L11475N 4987.5E	1	37	4	68	.1	22	10	541	2.78	12	5	ND	2	36	1	2	2	39	.40	.021	7	65	.67	140	.16	6	2.30	.03	.37	1	1
L11475N 5012.5E	1	37	9	59	.1	24	10	582	2.90	9	5	ND	2	40	1	2	2	42	.42	.030	9	59	.66	144	.15	6	2.03	.03	.41	1	2
L11475N 5025E	1	29	2	78	.1	20	9	805	2.71	7	6	ND	1	36	1	2	2	41	.40	.021	7	42	.62	206	.16	3	2.08	.03	.32	1	1
L11475N 5037.5E	1	50	8	64	.1	22	11	567	3.00	8	5	ND	2	40	1	2	2	44	.46	.024	9	53	.76	188	.15	6	2.14	.03	.46	1	3
L11475N 5050E	1	36	3	68	.1	22	11	585	2.80	6	5	ND	2	31	1	2	2	41	.36	.024	6	54	.71	159	.15	7	2.30	.03	.30	1	1
L11475N 5062.5E	2	137	8	160	.3	26	24	986	4.36	22	5	ND	1	48	1	2	2	64	.53	.129	5	63	1.69	297	.16	13	3.29	.02	.58	1	1
L11475N 5075E	1	76	5	72	.2	28	13	637	3.24	13	5	ND	2	49	1	2	2	49	.52	.038	8	78	1.05	152	.15	7	2.13	.03	.51	1	6
L11475N 5087.5E	1	46	6	47	.1	24	11	532	2.81	6	5	ND	2	60	1	2	2	40	.52	.014	8	60	.81	143	.14	8	2.01	.03	.40	1	1
L11475N 5100E	1	31	8	44	.1	20	9	440	2.52	8	5	ND	1	51	1	2	2	37	.35	.014	7	51	.76	104	.14	12	1.95	.04	.34	1	2
L11475N 5112.5E	1	36	6	66	.1	25	10	558	2.81	8	5	ND	2	45	1	2	2	41	.39	.016	8	68	.74	143	.16	11	2.09	.04	.36	1	6
L11475N 5125E	1	220	2	74	.4	17	20	921	5.28	19	5	ND	1	202	1	2	2	89	6.79	.138	6	63	1.64	164	.03	7	2.28	.01	.32	1	1
L11475N 5137.5E	1	41	2	71	.1	22	10	781	2.60	10	5	ND	2	71	1	2	2	41	.55	.024	8	58	.72	166	.13	8	1.74	.03	.34	1	1
L11475N 5150E	1	40	9	48	.2	22	9	417	2.50	13	5	ND	2	88	1	2	2	38	.60	.023	8	47	.95	114	.13	11	1.86	.04	.29	2	1
L11475N 5162.5E	1	49	7	38	.2	13	5	245	1.27	25	8	ND	1	647	1	2	2	21	10.45	.057	6	22	2.15	119	.05	40	1.09	.07	.17	1	2
L11475N 5175E	1	87	4	49	.1	11	4	312	1.22	30	7	ND	1	464	1	2	2	21	4.99	.093	6	22	1.66	116	.04	56	1.17	.08	.11	1	1
L11475N 5187.5E	1	31	4	36	.2	8	4	234	1.11	37	5	ND	1	611	1	2	2	22	7.96	.062	5	15	3.53	129	.05	70	1.22	.07	.12	1	1
L11475N 5200E	1	36	3	43	.1	12	5	303	1.67	19	5	ND	1	422	1	2	2	33	2.99	.071	7	22	2.70	108	.07	56	1.28	.07	.26	1	1
L11475N 5212.5E	1	32	4	35	.2	8	4	303	1.02	23	5	ND	1	777	1	2	2	18	9.02	.063	5	13	3.04	119	.04	44	1.05	.07	.13	1	1
L11475N 5225E	3	13	3	14	.2	5	2	1696	.22	14	6	ND	1	615	1	2	4	9	27.14	.033	2	2	.46	88	.01	16	.05	.03	.01	1	2
L11475N 5775E	1	114	7	82	.2	18	14	451	4.13	104	7	ND	2	43	1	7	2	53	.88	.037	4	39	.95	169	.17	7	2.17	.02	.69	1	55
L11475N 5787.5E	1	34	2	90	.2	11	9	388	2.69	37	5	ND	1	32	1	2	2	41	.47	.026	4	29	.62	142	.18	7	1.76	.03	.41	1	2
L11475N 5800E	1	53	3	103	.1	11	14	398	3.31	72	5	ND	1	28	1	5	2	41	.39	.033	3	35	.89	195	.19	9	2.27	.03	.69	1	21
L11475N 5812.5E	1	23	2	92	.2	8	8	326	2.40	22	5	ND	1	24	1	2	2	37	.34	.026	3	24	.45	135	.16	5	1.98	.03	.35	1	1
L11475N 5825E	1	69	4	82	.1	16	16	433	3.65	15	5	ND	2	27	1	2	2	54	.42	.017	4	40	1.28	201	.27	3	2.34	.02	1.02	1	1
L11475N 5837.5E	1	60	2	78	.1	13	15	404	3.30	7	5	ND	1	23	1	2	2	43	.41	.023	3	49	1.19	241	.24	13	2.33	.03	.86	1	1
L11475N 5850E	1	92	3	59	.2	23	21	326	3.70	9	5	ND	1	33	1	2	2	46	.79	.079	2	123	2.15	230	.23	2	2.49	.01	.27	1	2
L11475N 5862.5E	1	14	6	88	.2	5	5	263	1.41	10	5	ND	1	17	1	2	2	24	.19	.094	2	15	.21	200	.09	4	1.09	.03	.09	1	1
L11475N 5875E	1	95	4	69	.1	18	14	498	3.46	7	5	ND	2	31	1	2	2	52	.50	.027	8	70	1.04	158	.22	7	2.45	.02	.68	1	1
L11475N 5887.5E	1	38	4	97	.3	15	10	863	2.97	7	5	ND	2	36	1	2	2	47	.47	.020	7	41	.61	251	.19	5	2.10	.03	.39	1	1
L11475N 5900E	1	35	9	48	.2	14	9	320	2.68	15	5	ND	2	29	1	3	2	45	.36	.015	6	32	.48	115	.17	7	1.66	.03	.31	2	2
L11475N 5912.5E	1	35	6	100	.1	15	9	560	2.52	6	5	ND	2	33	1	2	2	37	.43	.037	5	31	.46	221	.15	6	1.88	.03	.39	1	1
L11475N 5925E	1	17	3	64	.1	8	6	405	1.98	4	5	ND	1	22	1	2	2	32	.29	.015	3	22	.31	127	.14	5	1.59	.03	.26	1	1
L11475N 5937.5E	1	23	4	108	.1	8	7	531	2.03	13	5	ND	1	17	1	2	2	35	.21	.105	3	18	.34	132	.13	3	1.95	.03	.06	1	1
L11475N 5950E	1	31	9	86	.2	14	11	525	3.02	9	5	ND	2	32	1	2	2	49	.41	.027	7	33	.60	230	.18	3	2.37	.04	.37	1	1
STD C/AU-S	18	57	42	131	7.4	66	29	947	3.95	39	15	8	35	49	17	16	22	56	.47	.088	39	56	.87	180	.09	34	1.84	.07	.14	13	49

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
L11475N 5962.5E	1	39	8	69	.1	15	11	514	3.21	22	5	ND	1	36	1	4	2	53	.40	.014	5	34	.57	156	.16	11	1.91	.03	.39	1	4
L11475N 5975E	1	23	10	57	.1	13	8	589	2.27	5	5	ND	1	32	1	2	2	38	.37	.017	5	35	.49	168	.16	3	1.83	.03	.30	1	1
L11475N 5987.5E	1	207	20	137	.1	27	28	881	5.95	23	5	ND	2	28	1	2	2	110	.47	.060	4	150	2.42	427	.32	2	3.81	.02	2.10	1	1
L11475N 6000E	1	40	10	53	.1	20	11	662	3.02	6	8	ND	2	37	1	2	2	51	.45	.018	8	43	.68	175	.19	2	1.99	.03	.46	1	1
L11475N 6012.5E	1	75	9	72	.1	22	14	429	3.67	19	5	ND	1	34	1	2	2	59	.49	.030	8	61	.90	151	.20	6	2.48	.03	.76	1	2
L11475N 6025E	1	47	5	65	.1	18	13	648	3.01	9	5	ND	2	36	1	2	2	50	.48	.027	7	46	.86	198	.20	4	2.37	.03	.48	1	1
L11475N 6037.5E	1	70	9	60	.1	21	13	388	3.13	11	5	ND	2	27	1	2	2	48	.36	.017	7	55	.72	132	.18	4	2.36	.03	.57	1	1
L11475N 6050E	1	73	7	62	.1	19	14	336	3.18	16	6	ND	2	31	1	2	2	53	.46	.019	7	66	.88	128	.21	2	2.50	.03	.42	1	1
L11450N 4875E	1	47	8	67	.1	34	14	625	3.17	26	5	ND	2	40	1	2	2	47	.49	.035	8	105	.89	161	.17	9	2.42	.02	.56	1	1
L11450N 4887.5E	1	48	12	75	.1	24	12	712	3.19	21	5	ND	2	37	1	2	2	49	.45	.017	6	84	.73	154	.16	9	2.32	.03	.35	1	1
L11450N 4900E	1	140	11	78	.2	82	24	723	4.21	27	5	ND	2	54	1	2	2	55	1.07	.060	5	160	1.47	106	.12	15	2.53	.03	.44	1	2
L11450N 4912.5E	1	117	10	97	.5	60	20	1000	4.06	39	5	ND	2	60	1	2	2	47	.87	.040	6	133	1.19	136	.10	20	2.67	.03	.46	1	6
L11450N 4925E	1	70	12	89	.2	57	16	944	3.37	14	5	ND	2	49	1	2	2	39	.60	.056	5	132	1.15	154	.10	25	2.48	.03	.51	1	2
L11450N 4937.5E	1	21	3	55	.2	9	5	352	1.53	8	5	ND	1	31	1	2	2	24	.22	.053	2	20	.23	135	.09	5	1.23	.04	.16	1	1
L11450N 4950E	1	23	7	47	.1	19	8	646	2.18	11	5	ND	1	38	1	2	2	35	.31	.014	5	60	.53	151	.14	4	1.70	.03	.30	1	1
L11450N 4962.5E	1	38	5	63	.1	26	10	934	2.65	15	5	ND	2	47	1	2	2	40	.43	.014	8	70	.65	183	.15	7	1.93	.03	.38	1	1
L11450N 4975E	1	40	4	67	.1	23	10	1013	2.48	12	6	ND	2	50	1	2	2	38	.44	.019	7	59	.58	210	.14	6	1.88	.03	.33	1	1
L11450N 4987.5E	1	45	12	59	.1	27	13	560	3.00	14	8	ND	1	43	1	2	2	48	.39	.014	8	67	.76	118	.17	6	1.97	.03	.45	1	1
L11450N 5012.5E	1	50	9	61	.1	30	12	827	3.05	17	5	ND	2	51	1	2	2	47	.53	.028	9	72	.72	200	.15	2	2.01	.03	.37	1	1
L11450N 5025E	1	45	4	63	.1	24	12	725	3.05	15	5	ND	1	41	1	2	2	48	.42	.019	8	50	.76	187	.18	4	2.29	.03	.38	1	2
L11450N 5037.5E	1	38	16	75	.1	17	9	382	2.81	12	5	ND	1	33	1	2	2	45	.31	.026	7	42	.59	134	.16	6	2.09	.03	.35	1	1
L11450N 5050E	1	55	9	86	.1	28	14	825	3.32	16	5	ND	2	57	1	2	2	50	.68	.057	9	55	.94	247	.18	13	2.54	.03	.55	1	1
L11450N 5062.5E	1	102	14	72	.1	26	20	795	3.90	14	5	ND	2	47	1	2	2	57	.51	.026	7	59	1.39	203	.21	8	2.81	.02	.62	1	1
L11450N 5075E	1	108	9	90	.1	27	20	1243	3.66	10	5	ND	2	70	1	2	2	44	.58	.038	6	60	1.37	301	.17	10	2.74	.02	.84	1	1
L11450N 5087.5E	1	49	11	56	.1	23	11	489	2.66	11	5	ND	2	102	1	2	2	42	.73	.021	8	49	.69	113	.15	20	1.87	.04	.42	1	3
L11450N 5100E	1	24	7	42	.1	18	8	547	2.22	7	5	ND	1	63	1	2	2	35	.35	.012	6	41	.59	147	.14	5	1.68	.03	.28	1	1
L11450N 5112.5E	1	55	5	52	.1	30	12	554	2.86	13	5	ND	2	75	1	2	2	45	.51	.025	10	74	1.01	143	.16	8	2.00	.04	.39	1	3
L11450N 5125E	1	48	13	67	.1	27	11	689	2.74	20	5	ND	3	85	1	2	2	42	.65	.043	10	65	.77	172	.15	24	1.92	.04	.43	1	1
L11450N 5137.5E	1	29	12	69	.2	17	9	657	2.43	50	5	ND	1	86	1	2	2	34	.44	.023	6	37	.66	100	.12	15	1.90	.04	.26	1	3
L11450N 5150E	1	124	15	148	.3	28	10	535	2.50	127	5	ND	1	92	1	3	2	34	.53	.022	8	36	.87	67	.12	22	1.93	.07	.23	1	9
STD C/AU-S	20	60	40	129	6.9	66	30	977	4.02	41	20	8	37	51	18	15	20	57	.48	.093	41	57	.88	186	.09	37	1.89	.07	.14	13	51
L11450N 5162.5E	1	63	7	61	.2	16	6	357	1.59	44	8	ND	1	263	1	2	2	24	2.51	.047	7	24	1.23	82	.07	34	1.41	.05	.16	1	3
L11450N 5175E	1	33	7	47	.2	14	7	484	1.77	24	5	ND	1	142	1	2	2	30	.84	.043	7	25	1.71	130	.09	20	1.58	.07	.16	1	2
L11450N 5187.5E	1	37	2	45	.1	16	8	499	2.23	7	5	ND	2	99	1	2	2	37	.66	.045	8	30	1.01	113	.12	12	1.56	.05	.28	1	1
L11450N 5200E	1	33	5	47	.1	20	9	520	2.44	11	5	ND	2	49	1	2	2	41	.44	.050	9	35	.77	127	.13	3	1.65	.04	.29	1	1
L11450N 5212.5E	1	37	2	42	.1	19	8	493	2.45	12	5	ND	2	109	1	2	2	44	.83	.048	10	34	.87	123	.12	15	1.47	.05	.28	1	1
L11450N 5225E	1	37	7	45	.1	20	8	550	1.98	18	5	ND	2	519	1	2	2	39	3.03	.068	8	27	1.96	116	.08	16	1.34	.08	.23	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L11450N 5775E	1	53	7	54	.1	20	11	309	3.05	29	5	ND	2	38	1	3	2	50	.65	.032	5	41	.68	102	.19	7	1.80	.02	.44	1	1
L11450N 5787.5E	1	53	9	66	.2	19	13	342	2.93	20	5	ND	1	31	1	2	2	44	.39	.017	4	45	.83	119	.20	6	1.86	.03	.57	1	1
L11450N 5800E	1	12	2	91	.1	7	6	278	1.70	13	5	ND	1	20	1	2	2	27	.24	.025	2	15	.28	101	.11	4	1.20	.03	.15	1	1
L11450N 5812.5E	1	17	6	134	.1	8	7	419	2.10	18	5	ND	1	25	1	2	2	30	.34	.023	2	21	.45	143	.14	8	1.43	.03	.40	1	1
L11450N 5825E	1	45	3	68	.2	17	12	289	2.99	37	5	ND	1	34	1	3	2	47	.53	.022	4	35	.70	142	.21	5	2.00	.03	.45	1	1
L11450N 5837.5E	1	41	4	90	.1	15	13	472	3.33	25	5	ND	1	26	1	2	2	48	.39	.018	3	37	.97	233	.21	10	2.16	.02	.80	1	1
L11450N 5850E	1	65	2	74	.2	17	16	327	3.29	18	5	ND	1	29	1	2	2	43	.43	.026	2	36	1.14	253	.24	8	2.43	.02	.74	1	1
L11450N 5862.5E	1	44	5	65	.1	14	12	396	2.93	24	5	ND	1	31	1	3	2	49	.43	.023	4	42	.84	135	.21	3	1.86	.02	.69	1	2
L11450N 5875E	1	34	6	76	.1	15	10	431	2.53	31	5	ND	1	24	1	2	2	36	.30	.019	2	40	.76	165	.17	6	1.94	.03	.47	1	1
L11450N 5887.5E	1	91	6	79	.1	19	19	404	3.63	33	5	ND	1	32	1	2	2	51	.55	.059	3	92	1.72	236	.23	4	2.73	.02	.45	1	1
L11450N 5900E	1	53	9	53	.1	22	12	416	3.06	8	5	ND	1	32	1	2	2	53	.42	.016	8	51	.84	146	.22	5	1.96	.03	.56	1	1
L11450N 5912.5E	1	87	8	90	.1	24	23	632	5.09	9	5	ND	1	22	1	2	2	112	.55	.020	4	128	2.24	256	.25	9	3.60	.02	.81	1	1
L11450N 5925E	1	12	2	148	.1	5	5	411	1.52	9	5	ND	1	18	1	2	2	26	.20	.078	2	15	.24	202	.09	4	1.12	.03	.14	1	2
L11450N 5937.5E	1	221	2	154	.2	26	26	673	4.62	19	5	ND	1	34	1	2	2	51	.63	.163	2	161	1.92	437	.22	12	2.78	.01	.58	1	1
L11450N 5950E	1	60	6	89	.1	19	14	445	3.35	8	5	ND	1	29	1	2	2	49	.42	.040	5	60	1.00	232	.24	6	3.08	.03	.68	1	1
L11450N 5962.5E	1	29	9	90	.1	14	9	686	2.60	13	5	ND	1	30	1	2	2	41	.35	.021	5	30	.46	201	.16	4	2.05	.03	.30	1	1
L11450N 5975E	1	44	3	59	.1	15	12	359	3.22	25	5	ND	2	36	1	2	2	56	.43	.015	7	44	.67	154	.20	6	2.01	.03	.38	1	2
L11450N 5987.5E	1	18	5	57	.1	15	8	453	2.34	5	5	ND	1	28	1	2	2	41	.33	.014	5	32	.45	132	.16	6	1.65	.03	.31	1	1
L11450N 6000E	1	16	5	75	.1	11	7	522	1.90	4	5	ND	1	23	1	2	2	31	.26	.026	2	24	.35	147	.13	4	1.63	.03	.20	1	1
L11450N 6012.5E	1	67	2	110	.1	17	15	554	3.69	31	5	ND	1	23	1	2	2	58	.32	.024	3	79	1.15	182	.21	8	2.37	.02	.91	1	1
L11450N 6025E	1	31	8	96	.1	15	10	536	2.69	6	5	ND	1	24	1	2	2	43	.30	.025	3	50	.68	142	.18	4	2.00	.03	.51	1	1
L11450N 6037.5E	1	41	7	61	.1	17	11	507	2.95	4	5	ND	2	32	1	2	2	47	.38	.014	7	45	.64	142	.19	7	2.26	.03	.47	1	2
L11450N 6050E	1	95	7	67	.1	20	16	400	3.91	19	5	ND	2	35	1	4	2	65	.48	.020	7	75	.99	130	.22	7	2.48	.03	.77	1	2
L11425N 4875E	1	40	9	109	.1	25	12	1063	2.94	15	5	ND	1	42	1	2	2	48	.49	.031	7	73	.69	224	.16	7	2.03	.02	.36	1	79
L11425N 4887.5E	1	88	12	86	.2	41	17	921	3.56	83	5	ND	2	38	1	2	2	44	.54	.018	5	108	.94	119	.15	14	2.53	.02	.52	1	65
STD C/AU-S	19	58	39	134	7.3	67	28	949	3.83	37	17	7	34	48	17	14	19	55	.46	.088	39	56	.84	169	.09	34	1.82	.06	.14	13	46
L11425N 4900E	1	92	3	135	.1	30	18	940	3.80	39	5	ND	1	47	1	2	2	53	.62	.035	4	77	.96	162	.14	22	2.67	.03	.34	1	1
L11425N 4912.5E	1	93	8	109	.2	28	15	679	3.43	24	5	ND	2	43	1	2	2	37	.44	.041	5	64	.81	135	.12	26	2.61	.03	.51	1	1
L11425N 4925E	1	54	4	107	.1	22	12	645	2.89	18	5	ND	1	45	1	2	2	33	.52	.043	4	53	.59	179	.10	21	2.13	.03	.32	1	1
L11425N 4937.5E	1	43	4	68	.2	30	9	599	2.52	9	5	ND	2	41	1	2	2	35	.38	.020	5	91	.71	153	.14	14	1.84	.03	.41	1	2
L11425N 4950E	1	18	4	42	.1	17	7	346	2.05	8	5	ND	1	37	1	2	2	34	.28	.012	3	48	.46	89	.14	12	1.50	.03	.24	1	1
L11425N 4962.5E	1	19	7	41	.1	14	7	392	2.14	10	5	ND	1	40	1	2	2	36	.32	.017	4	47	.48	85	.14	8	1.47	.03	.27	1	1
L11425N 4975E	1	19	5	39	.1	15	7	230	2.12	7	5	ND	3	47	1	2	2	33	.32	.010	3	47	.57	61	.14	11	1.46	.03	.28	1	1
L11425N 4987.5E	1	59	7	45	.1	20	7	481	1.84	14	5	ND	2	201	1	2	2	27	1.62	.023	6	39	.97	100	.09	30	1.40	.05	.28	1	2
L11425N 5012.5E	1	41	5	40	.1	19	8	429	2.05	10	5	ND	1	309	1	2	2	31	3.23	.019	7	41	.94	125	.10	41	1.40	.07	.36	1	1
L11425N 5025E	1	34	5	47	.1	16	8	408	2.27	10	5	ND	2	121	1	2	2	32	.80	.017	7	35	.67	95	.13	18	1.62	.04	.41	1	1
L11425N 5037.5E	1	30	5	47	.1	16	9	319	2.62	10	6	ND	2	61	1	2	2	42	.39	.010	7	39	.66	93	.16	8	1.62	.04	.40	1	1

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: JULY 16 1987

DATE REPORT MAILED:

July 22/87

ASSAYER:

D. J. Jeps

DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT - 8707-084/169

File # 87-2488A

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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	AU* PPB
L11425N 5050E	1	32	7	45	.3	19	9	414	2.50	15	5	ND	2	51	1	2	2	45	.37	.014	7	45	.61	111	.15	7	1.54	.03	.30	1	2
L11425N 5062.5E	1	67	10	57	.3	30	12	607	2.94	11	5	ND	2	112	1	2	2	51	1.04	.055	9	54	1.15	175	.16	14	1.71	.03	.35	1	8
L11425N 5075E	2	87	8	53	.2	21	14	412	3.21	16	8	ND	2	134	1	2	2	44	1.68	.014	7	44	1.16	129	.18	21	2.17	.01	.40	1	1
L11425N 5087.5E	1	46	9	48	.2	21	10	587	2.67	11	7	ND	2	137	1	2	2	40	.71	.017	7	46	1.18	117	.14	24	1.72	.03	.38	1	1
L11425N 5100E	1	24	8	45	.1	17	8	388	2.43	13	5	ND	1	46	1	2	2	42	.28	.020	5	40	.60	100	.15	7	1.73	.04	.29	1	1
L11425N 5112.5E	1	35	10	48	.2	21	9	463	2.58	13	5	ND	2	64	1	2	2	42	.39	.023	6	52	.76	116	.15	10	1.65	.03	.27	1	1
L11425N 5125E	1	27	7	51	.1	17	9	490	2.40	40	5	ND	1	53	1	2	2	42	.38	.028	4	49	.69	109	.15	9	1.59	.03	.28	1	1
L11425N 5137.5E	2	55	10	71	.1	22	12	551	3.32	127	6	ND	1	42	1	2	2	50	.44	.047	7	49	.78	167	.16	6	2.25	.02	.33	1	5
L11425N 5150E	2	67	11	89	.3	27	14	773	3.80	393	5	ND	1	49	1	7	2	51	.51	.055	7	54	.75	192	.13	6	2.03	.02	.35	1	245
L11425N 5162.5E	2	91	11	112	.6	31	18	688	4.92	393	5	ND	2	53	1	13	2	56	.56	.040	6	74	.90	172	.12	10	2.25	.02	.52	1	425
L11425N 5175E	1	28	6	58	.1	16	8	553	2.45	36	5	ND	2	51	1	2	2	39	.41	.042	7	33	.56	133	.13	5	1.77	.03	.24	1	14
L11425N 5187.5E	1	26	6	46	.3	17	8	559	2.36	15	5	ND	2	46	1	2	2	41	.48	.038	7	31	.50	138	.14	5	1.52	.03	.24	1	11
L11425N 5200E	1	24	4	48	.1	17	8	580	2.44	16	5	ND	1	46	1	2	2	42	.43	.042	7	33	.55	142	.14	5	1.63	.03	.29	3	1
L11425N 5212.5E	1	31	8	47	.1	20	8	588	2.48	7	5	ND	2	54	1	2	2	44	.56	.042	9	30	.64	143	.13	6	1.48	.03	.31	1	1
L11425N 5225E	1	30	8	42	.1	18	8	451	2.55	11	5	ND	2	59	1	2	2	47	.50	.039	8	34	.78	142	.14	3	1.45	.08	.21	1	1
L11425N 5750E	1	88	4	75	.1	20	10	413	2.40	17	5	ND	1	32	1	2	2	30	.38	.084	3	75	.70	174	.11	6	1.65	.04	.41	1	2
L11425N 5762.5E	1	144	7	72	.1	37	22	422	4.18	30	5	ND	1	37	1	2	2	49	.59	.039	3	171	1.74	219	.21	7	3.09	.02	.84	1	1
L11425N 5775E	1	80	11	68	.1	18	19	386	4.50	31	5	ND	1	35	1	2	2	69	.59	.052	4	52	1.70	255	.30	4	2.49	.01	1.03	1	1
L11425N 5787.5E	1	59	6	64	.2	18	12	276	3.39	40	5	ND	1	37	1	2	2	54	.49	.016	6	57	.90	123	.24	3	2.05	.02	.43	1	2
L11425N 5800E	1	27	7	80	.2	11	7	379	2.29	46	5	ND	1	24	1	5	3	32	.30	.024	4	18	.39	169	.14	5	1.88	.03	.25	1	1
L11425N 5812.5E	1	33	12	86	.1	10	9	316	3.06	42	5	ND	1	27	1	5	2	43	.35	.016	3	27	.66	167	.18	5	1.94	.03	.46	1	1
L11425N 5825E	1	54	10	107	.1	12	13	749	3.47	43	6	ND	2	31	1	2	2	48	.53	.021	4	32	.92	238	.21	6	2.21	.02	.75	1	1
L11425N 5837.5E	1	70	13	89	.1	16	14	489	4.12	62	5	ND	1	27	1	2	2	59	.47	.021	4	38	1.04	258	.22	6	2.56	.02	.87	2	2
L11425N 5850E	1	126	6	69	.3	17	16	375	4.76	113	7	ND	2	30	1	4	2	76	.58	.035	3	43	1.20	192	.21	6	2.17	.02	.84	1	1
L11425N 5862.5E	1	68	5	57	.1	19	11	355	3.48	33	5	ND	2	35	1	2	2	64	.46	.027	9	41	.85	133	.22	3	1.70	.02	.60	1	4
L11425N 5875E	1	30	7	72	.1	14	9	987	2.35	29	5	ND	1	29	1	2	3	35	.37	.015	3	37	.59	188	.16	4	1.71	.02	.38	1	1
L11425N 5887.5E	1	22	4	66	.1	11	8	631	2.55	14	5	ND	1	27	1	2	2	42	.36	.015	4	38	.63	174	.18	4	1.63	.03	.50	1	1
L11425N 5900E	1	40	6	53	.1	13	10	255	2.92	11	5	ND	1	23	1	2	2	48	.33	.016	4	42	.78	122	.20	2	1.79	.03	.55	1	1
L11425N 5912.5E	1	81	10	93	.1	18	16	538	3.98	19	5	ND	1	35	1	2	2	55	.57	.036	3	79	1.45	276	.22	4	2.50	.02	.65	1	2
L11425N 5925E	1	25	8	69	.1	12	9	290	2.60	23	5	ND	1	23	1	2	2	41	.22	.023	4	33	.60	177	.15	3	1.95	.03	.22	1	3
L11425N 5937.5E	1	152	9	70	.2	22	17	440	4.53	125	5	ND	1	33	1	6	2	68	.54	.063	4	92	1.22	176	.17	8	1.99	.01	.94	1	10
L11425N 5950E	1	41	9	70	.2	15	11	421	3.10	17	5	ND	2	33	1	3	2	52	.40	.018	6	41	.61	175	.20	4	2.17	.03	.34	1	1
L11425N 5962.5E	1	47	3	64	.1	16	9	321	3.06	11	5	ND	1	37	1	2	2	53	.48	.027	7	41	.69	147	.21	3	2.07	.03	.24	1	2
L11425N 5975E	1	45	6	81	.1	12	9	805	2.87	16	5	ND	2	33	1	3	2	44	.44	.027	5	32	.54	181	.15	5	1.70	.02	.44	1	1
L11425N 5987.5E	1	25	6	52	.2	12	7	560	2.47	8	5	ND	2	33	1	2	2	42	.40	.015	6	32	.49	147	.17	3	1.56	.03	.40	1	1
L11425N 6000E	1	40	9	65	.1	14	10	603	2.87	3	5	ND	1	32	1	2	2	51	.41	.022	6	42	.71	153	.22	4	1.82	.02	.55	1	1
STD C/AU-S	20	58	39	132	7.5	70	29	983	4.07	40	19	8	35	50	18	18	22	59	.49	.094	40	59	.92	184	.09	35	1.78	.06	.14	14	48

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488A

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	AUX PPB
L11425N 6012.5E	1	38	8	209	.1	12	10	1462	2.42	14	5	ND	2	39	1	2	2	38	.50	.078	3	24	.54	485	.13	6	1.81	.02	.32	1	3
L11425N 6025E	1	228	3	106	.1	24	24	1306	3.98	8	5	ND	2	27	1	2	2	68	.42	.023	3	95	1.37	231	.22	7	2.31	.02	1.16	1	1
L11425N 6037.5E	1	81	3	67	.1	19	13	485	3.22	9	5	ND	2	30	1	2	3	56	.43	.019	6	56	.83	161	.19	5	2.13	.02	.58	1	1
L11425N 6050E	1	108	8	103	.1	21	19	691	5.11	55	5	ND	2	37	1	3	2	73	.64	.038	5	64	1.24	232	.20	7	2.56	.01	1.03	1	21
L11400N 4887.5E	1	77	6	72	.1	36	14	635	3.60	26	5	ND	2	44	1	2	3	60	.53	.022	9	120	1.02	180	.18	6	2.36	.02	.32	2	5
L11400N 4937.5E	1	53	7	60	.1	34	11	250	2.97	18	7	ND	2	37	1	2	2	51	.39	.018	5	134	.99	101	.17	6	2.03	.03	.25	1	3
L11400N 4962.5E	1	48	2	48	.2	14	5	278	1.52	15	7	ND	1	380	1	5	2	25	4.91	.048	4	37	.98	97	.06	27	1.04	.05	.25	3	1
L11400N 4987.5E	1	55	5	56	.1	26	11	409	2.70	14	5	ND	2	80	1	2	2	39	.65	.035	7	73	.95	117	.12	17	1.89	.02	.37	1	1
L11400N 5012.5E	1	39	4	55	.1	20	9	327	2.56	15	5	ND	2	51	1	2	2	39	.29	.023	6	48	.72	133	.13	12	1.82	.03	.19	2	1
L11400N 5037.5E	1	23	3	43	.1	13	7	252	2.15	12	5	ND	2	47	1	2	4	38	.33	.018	4	33	.49	93	.13	11	1.28	.03	.23	2	1
L11400N 5062.5E	1	104	3	67	.2	17	6	553	1.64	21	6	ND	2	256	1	2	2	27	2.00	.054	5	32	1.48	131	.07	39	1.19	.01	.21	1	1
L11400N 5087.5E	1	30	2	51	.1	19	9	363	2.45	16	5	ND	2	52	1	2	2	42	.40	.031	5	56	.70	111	.13	8	1.60	.02	.23	2	1
L11400N 5112.5E	1	36	6	50	.1	17	10	371	2.59	15	5	ND	2	39	1	2	2	40	.33	.026	4	53	.77	131	.14	8	1.72	.03	.40	2	1
L11400N 5137.5E	2	48	6	85	.1	24	12	656	3.20	89	5	ND	2	41	1	2	2	52	.47	.046	8	60	.75	173	.14	6	2.19	.02	.26	1	6
L11400N 5162.5E	2	76	4	70	.1	30	15	742	3.61	78	6	ND	3	50	1	4	2	56	.65	.039	9	64	.90	184	.12	7	1.89	.02	.40	1	40
L11400N 5187.5E	1	43	3	53	.1	22	9	632	2.53	11	5	ND	2	69	1	3	2	46	.60	.049	9	41	.91	146	.12	6	1.48	.04	.26	1	1
L11400N 5212.5E	1	26	7	59	.1	18	9	555	2.65	11	5	ND	2	45	1	2	2	44	.35	.054	7	37	.61	150	.13	4	2.00	.03	.26	1	1
L11400N 5762.5E	1	44	5	150	.1	18	9	818	2.45	13	5	ND	2	31	1	2	2	34	.42	.027	3	65	.65	202	.12	9	1.62	.02	.44	1	1
L11400N 5787.5E	1	195	7	78	.1	41	26	542	4.86	52	5	ND	2	29	1	2	2	57	.67	.022	3	175	1.77	183	.17	9	2.53	.01	1.03	1	25
L11400N 5812.5E	2	176	8	87	.3	33	25	567	5.22	204	5	ND	2	31	1	7	3	57	.56	.022	3	102	1.53	175	.15	12	2.46	.01	.94	1	146
L11400N 5837.5E	1	90	8	99	.2	16	16	485	4.09	92	5	ND	2	30	1	10	2	54	.42	.022	4	34	1.17	224	.18	9	2.20	.02	.84	1	85
L11400N 5862.5E	2	137	33	119	.6	18	21	450	5.42	894	5	ND	1	41	1	115	2	71	.45	.049	2	37	1.50	256	.15	11	2.00	.02	1.12	1	340
L11400N 5875E	1	124	7	81	.1	19	17	349	4.64	82	5	ND	2	34	1	6	2	63	.60	.026	5	49	1.23	223	.20	9	2.66	.01	.67	1	21
L11400N 5887.5E	1	104	2	87	.1	19	20	456	4.58	33	5	ND	2	24	1	4	2	73	.42	.021	3	55	1.63	277	.26	6	2.53	.02	1.14	1	5
L11400N 5900E	1	56	7	94	.1	15	17	616	3.97	28	5	ND	1	24	1	2	2	63	.41	.023	2	43	1.24	236	.21	9	2.08	.02	1.02	1	3
L11400N 5912.5E	1	64	6	103	.1	15	11	276	2.86	20	5	ND	1	23	1	3	2	42	.33	.168	3	29	.71	225	.14	6	2.06	.03	.20	1	1
L11400N 5925E	1	31	3	66	.1	14	10	598	2.64	7	5	ND	2	26	1	2	3	43	.37	.023	4	44	.76	184	.17	5	1.67	.02	.48	1	1
L11400N 5937.5E	2	96	2	82	.1	22	20	629	4.46	46	5	ND	1	23	1	2	2	76	.41	.023	3	113	1.65	279	.19	7	2.40	.01	.98	1	16
L11400N 5950E	1	38	8	71	.1	13	9	658	2.74	8	5	ND	2	27	1	2	2	44	.34	.027	5	40	.63	196	.15	6	1.99	.03	.42	1	1
L11400N 5962.5E	1	36	5	65	.2	12	9	590	2.61	10	5	ND	2	28	1	2	2	41	.32	.016	6	32	.53	169	.15	6	1.88	.03	.38	1	1
L11400N 5975E	1	44	2	80	.2	15	10	723	2.91	11	5	ND	2	29	1	2	2	47	.36	.017	6	34	.62	193	.16	6	1.99	.02	.40	1	1
L11400N 5987.5E	2	40	3	63	.1	15	11	345	3.20	16	5	ND	2	30	1	2	2	55	.38	.022	7	45	.74	136	.18	8	2.15	.02	.34	1	1
L11400N 6000E	1	27	7	44	.1	11	8	443	2.49	10	5	ND	2	28	1	2	2	44	.31	.010	5	34	.55	132	.15	5	1.55	.02	.38	1	1
L11400N 6012.5E	1	22	4	61	.1	12	8	544	2.38	3	5	ND	2	28	1	3	2	40	.34	.018	5	31	.50	157	.15	5	1.61	.02	.31	1	1
L11400N 6025E	1	30	8	62	.1	14	8	448	2.55	7	5	ND	2	27	1	2	2	44	.36	.011	5	38	.60	140	.18	4	1.76	.02	.35	1	1
L11400N 6037.5E	1	71	7	82	.1	16	12	554	3.53	7	5	ND	2	31	1	2	2	61	.46	.020	6	47	.87	161	.19	8	1.88	.02	.70	1	2
STD C/AU-S	19	58	41	127	7.2	68	28	938	3.90	42	21	7	34	48	18	16	22	57	.48	.090	38	58	.90	175	.08	36	1.71	.06	.14	13	48

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L11400N 6050E	1	90	8	100	.2	15	14	784	3.28	9	5	ND	1	30	1	2	2	55	.44	.031	3	36	.95	231	.22	2	1.89	.01	.82	1	1
L11375N 4875E	1	72	4	74	.2	40	14	702	3.61	41	5	ND	2	44	1	2	2	60	.59	.032	10	86	1.01	177	.16	4	2.03	.02	.46	1	64
L11375N 4887.5E	1	65	11	86	.9	36	12	578	3.57	98	5	ND	2	42	1	2	2	54	.52	.020	8	89	.95	151	.15	2	2.08	.02	.43	1	152
L11375N 4900E	1	51	7	108	.2	29	12	1129	2.93	25	6	ND	2	59	1	2	2	43	.69	.024	7	71	.77	257	.13	7	1.78	.01	.43	1	4
L11375N 4912.5E	1	37	6	61	.3	28	10	518	2.72	19	5	ND	1	36	1	2	2	45	.38	.024	5	80	.82	132	.14	4	1.77	.02	.34	2	1
L11375N 4925E	1	25	3	60	.1	20	8	466	2.34	16	5	ND	1	36	1	2	2	37	.30	.022	4	50	.57	111	.12	5	1.64	.03	.24	1	1
L11375N 4937.5E	1	31	2	63	.2	22	9	599	2.46	15	5	ND	1	45	1	2	2	41	.34	.026	5	58	.64	131	.12	7	1.61	.03	.32	1	1
L11375N 4950E	1	30	4	44	.1	18	7	462	2.03	16	5	ND	1	90	1	2	2	29	.63	.014	5	42	.66	109	.10	16	1.38	.02	.32	2	1
L11375N 4962.5E	1	23	7	50	.1	16	7	279	2.13	13	5	ND	1	42	1	2	2	33	.31	.016	4	40	.56	82	.12	7	1.40	.03	.28	1	1
L11375N 4975E	1	20	9	44	.1	17	7	447	2.07	14	5	ND	1	38	1	2	2	37	.30	.025	3	47	.55	89	.12	5	1.29	.02	.27	2	2
L11375N 4987.5E	1	21	4	51	.2	14	6	451	1.94	12	5	ND	1	36	1	2	2	32	.34	.028	4	32	.41	126	.11	6	1.42	.03	.26	1	1
L11375N 5012.5E	1	35	7	52	.2	25	9	321	2.62	26	5	ND	1	40	1	2	2	49	.38	.038	7	56	.66	114	.15	5	1.56	.03	.31	1	1
L11375N 5025E	1	23	7	65	.2	18	8	547	2.50	20	5	ND	2	32	1	2	2	44	.31	.034	6	42	.56	137	.14	3	1.74	.03	.27	1	1
L11375N 5037.5E	1	45	3	58	.3	24	9	301	3.05	35	5	ND	2	40	1	2	2	53	.42	.034	8	54	.73	146	.16	5	1.98	.02	.36	1	6
L11375N 5050E	2	52	6	82	.1	30	12	596	3.50	33	5	ND	2	36	1	2	2	54	.43	.046	8	77	.96	223	.16	6	2.52	.03	.38	1	1
L11375N 5062.5E	2	95	3	83	.1	32	16	1163	3.37	14	5	ND	1	44	1	2	2	44	.64	.038	5	123	1.36	278	.14	9	2.18	.01	.55	1	1
L11375N 5075E	1	35	5	60	.2	22	9	649	2.44	10	5	ND	1	37	1	2	2	42	.36	.025	6	55	.61	159	.14	8	1.62	.03	.29	1	1
L11375N 5087.5E	1	41	3	67	.2	28	11	435	3.16	32	6	ND	1	36	1	2	2	49	.42	.034	6	76	.85	188	.16	5	2.37	.03	.24	1	1
L11375N 5100E	2	49	4	91	.1	31	14	1080	3.28	18	5	ND	1	35	1	2	2	50	.48	.041	5	104	1.15	292	.15	4	2.26	.02	.42	1	1
L11375N 5112.5E	1	45	8	63	.3	26	12	621	2.96	20	5	ND	2	38	1	2	2	46	.44	.027	6	69	.93	187	.15	2	1.98	.03	.28	1	1
L11375N 5125E	1	49	9	58	.1	26	13	560	2.87	17	5	ND	2	36	1	2	2	43	.43	.033	6	73	.93	194	.14	2	2.18	.03	.32	1	1
L11375N 5137.5E	1	45	2	59	.2	26	11	560	3.02	40	5	ND	2	40	1	2	2	49	.45	.026	8	50	.71	167	.15	3	1.99	.03	.33	1	6
L11375N 5150E	1	62	8	65	.3	33	13	792	3.24	36	5	ND	2	52	1	2	2	58	.65	.040	10	64	.87	198	.14	4	1.68	.02	.37	1	13
L11375N 5162.5E	1	66	9	73	.3	34	13	693	3.38	26	6	ND	2	49	1	2	2	58	.61	.048	10	62	.92	188	.14	6	1.93	.02	.49	1	11
L11375N 5175E	1	20	2	51	.1	15	7	429	2.44	12	5	ND	2	44	1	3	3	42	.31	.031	7	27	.49	117	.14	3	1.65	.03	.44	1	2
L11375N 5187.5E	1	20	7	45	.2	16	7	513	2.37	13	5	ND	2	56	1	2	2	41	.39	.034	7	24	.54	127	.13	3	1.67	.03	.31	1	1
L11375N 5200E	1	24	5	48	.1	17	8	509	2.34	10	6	ND	2	57	1	2	2	41	.39	.034	7	28	.60	121	.13	3	1.59	.03	.20	1	1
L11375N 5212.5E	1	24	4	42	.1	18	8	441	2.49	16	5	ND	2	46	1	2	2	45	.39	.028	8	33	.57	128	.14	3	1.64	.03	.26	1	1
L11375N 5225E	1	35	3	44	.1	22	9	569	2.57	14	5	ND	2	53	1	2	2	42	.43	.032	8	40	.68	145	.13	3	1.63	.07	.27	1	1
L11375N 5750E	1	18	3	45	.1	13	7	501	2.19	7	5	ND	2	34	1	2	2	38	.32	.019	5	25	.45	109	.14	3	1.38	.03	.23	1	1
L11375N 5762.5E	1	20	6	53	.1	12	6	592	2.19	10	5	ND	1	30	1	2	2	38	.31	.025	5	28	.43	125	.13	4	1.32	.03	.22	1	1
L11375N 5775E	1	23	2	43	.1	13	7	451	2.24	6	5	ND	2	36	1	2	2	40	.36	.015	6	26	.44	104	.15	4	1.34	.03	.26	2	1
L11375N 5787.5E	1	16	2	53	.1	10	5	382	1.92	6	5	ND	2	30	1	2	2	34	.31	.026	4	27	.32	115	.13	6	1.24	.03	.24	1	1
L11375N 5800E	1	18	2	46	.2	13	6	248	2.04	11	5	ND	2	25	1	2	3	36	.31	.022	4	33	.33	99	.14	5	1.30	.03	.23	1	1
L11375N 5812.5E	1	14	2	56	.1	7	4	166	1.53	12	5	ND	1	18	1	2	2	29	.21	.078	2	13	.21	126	.09	2	.82	.04	.09	1	5
L11375N 5825E	1	16	4	71	.1	12	7	279	2.03	16	5	ND	1	19	1	2	2	32	.24	.019	2	31	.40	127	.12	4	1.36	.03	.22	1	3
STD C/AU-S	18	55	41	127	7.2	67	28	947	3.86	44	22	7	33	48	17	14	22	56	.47	.089	38	52	.87	174	.08	32	1.68	.06	.13	14	48

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
L11375N 5837.5E	1	38	10	80	.1	17	11	293	2.78	21	5	ND	1	20	1	2	2	33	.30	.029	2	65	.78	144	.11	8	1.70	.02	.63	1	1
L11375N 5850E	1	11	2	67	.1	5	4	174	1.35	19	7	ND	1	19	1	2	2	23	.24	.056	2	12	.22	160	.07	2	.84	.02	.12	1	1
L11375N 5862.5E	1	32	3	97	.2	7	6	299	1.81	22	6	ND	1	27	1	2	2	28	.37	.062	2	12	.38	176	.09	3	1.14	.02	.21	1	1
L11375N 5875E	1	95	7	98	.1	15	16	452	4.34	84	5	ND	1	31	1	3	2	53	.47	.026	4	35	.95	195	.14	6	2.20	.01	.79	1	57
L11375N 5887.5E	1	143	8	62	.1	20	16	311	5.00	122	5	ND	2	30	1	9	2	73	.52	.051	3	48	1.18	144	.14	2	1.86	.01	.81	1	163
L11375N 5900E	1	42	7	57	.1	14	9	282	2.83	13	5	ND	1	28	1	2	2	44	.40	.016	5	31	.70	145	.17	2	1.65	.02	.46	1	3
L11375N 5912.5E	1	24	3	92	.1	8	7	374	1.88	6	5	ND	1	26	1	2	2	28	.40	.042	2	19	.44	275	.10	4	1.06	.02	.35	1	1
L11375N 5925E	1	29	8	61	.1	11	8	381	2.50	4	5	ND	1	24	1	2	2	40	.40	.020	3	26	.63	157	.14	4	1.59	.02	.44	1	23
L11375N 5937.5E	1	65	4	95	.1	13	11	382	2.64	14	5	ND	1	27	1	2	2	36	.47	.096	3	24	.73	218	.13	5	2.19	.02	.28	1	1
L11375N 5950E	1	46	6	56	.1	13	10	380	2.98	7	5	ND	1	28	1	2	2	47	.39	.016	5	46	.76	179	.16	2	1.93	.02	.50	2	1
L11375N 5962.5E	1	32	2	89	.1	12	8	658	2.54	10	5	ND	2	29	1	2	2	38	.36	.035	4	30	.45	220	.13	2	2.05	.02	.23	1	1
L11375N 5975E	1	33	7	53	.1	12	9	337	2.70	5	5	ND	1	33	1	2	2	44	.44	.029	6	33	.62	151	.15	2	1.84	.02	.30	1	1
L11375N 5987.5E	1	43	5	68	.1	15	11	780	3.09	9	5	ND	1	27	1	2	2	49	.34	.018	5	34	.74	177	.15	2	2.10	.02	.42	1	1
L11375N 6000E	1	49	6	52	.1	14	12	538	3.21	16	5	ND	1	31	1	2	2	47	.44	.022	6	36	.75	157	.15	2	2.25	.02	.43	1	2
L11375N 6012.5E	1	40	10	65	.1	15	9	349	3.04	20	5	ND	2	29	1	2	3	48	.32	.029	6	36	.63	190	.15	2	2.28	.02	.43	1	1
L11375N 6025E	1	27	4	46	.1	15	8	349	2.64	3	5	ND	2	28	1	2	2	47	.39	.014	6	32	.54	109	.15	2	1.58	.02	.37	1	1
L11375N 6037.5E	1	33	7	54	.2	13	8	420	2.43	6	5	ND	2	29	1	2	2	43	.39	.021	5	37	.54	125	.14	4	1.41	.02	.44	1	1
L11375N 6050E	1	44	6	70	.1	15	10	646	2.82	5	5	ND	1	28	1	2	2	49	.40	.017	6	44	.75	155	.16	2	1.59	.02	.56	1	1
L11350N 4875E	1	30	7	52	.1	19	8	467	2.54	8	5	ND	1	32	1	2	2	43	.34	.016	5	50	.63	117	.13	3	1.37	.02	.32	1	1
L11350N 4887.5E	1	37	9	50	.1	24	9	573	2.68	6	5	ND	1	43	1	2	2	42	.39	.017	7	65	.75	132	.13	5	1.54	.02	.36	1	32
L11350N 4900E	1	34	8	50	.2	20	8	543	2.25	6	5	ND	1	101	1	2	2	31	.39	.015	5	51	.94	128	.11	7	1.55	.04	.31	1	1
L11350N 4912.5E	1	29	7	63	.1	21	8	487	2.48	18	5	ND	1	46	1	2	3	36	.32	.025	4	64	.79	121	.12	4	1.80	.02	.16	1	1
L11350N 4925E	1	53	17	137	.1	24	10	656	3.02	29	5	ND	1	48	1	2	2	42	.43	.051	5	67	.80	189	.13	9	2.06	.02	.45	1	7
L11350N 4937.5E	1	27	11	97	.1	17	8	397	2.27	14	5	ND	1	44	1	2	3	33	.33	.021	4	55	.62	108	.11	8	1.49	.02	.29	1	1
L11350N 4950E	1	65	3	54	.3	15	5	424	1.60	11	5	ND	1	285	1	2	2	24	7.94	.080	6	30	.87	156	.07	15	1.02	.16	.24	1	1
L11350N 4962.5E	1	47	7	72	.1	23	10	432	2.75	17	5	ND	1	55	1	2	2	40	.86	.055	5	61	.81	175	.13	7	1.92	.01	.31	1	2
L11350N 4975E	1	30	7	107	.2	17	9	1321	2.50	18	5	ND	1	31	1	2	3	36	.37	.109	4	41	.62	282	.10	4	2.04	.02	.18	1	1
L11350N 4987.5E	1	26	6	65	.1	18	6	400	2.23	17	5	ND	1	29	1	2	2	33	.30	.029	5	48	.51	207	.11	3	1.60	.03	.21	1	5
L11350N 5012.5E	1	32	6	86	.1	22	9	453	2.70	32	5	ND	1	33	1	2	2	40	.46	.083	6	54	.64	196	.12	8	2.24	.02	.29	1	1
L11350N 5025E	1	37	5	91	.2	20	10	885	3.12	51	5	ND	2	34	1	4	2	42	.47	.038	5	48	.65	217	.12	9	2.23	.02	.44	1	14
L11350N 5037.5E	1	48	8	101	.2	18	11	1189	2.96	112	5	ND	2	37	1	3	2	41	.45	.088	5	49	.67	298	.11	6	2.29	.02	.35	2	1
L11350N 5050E	1	96	4	81	.1	30	17	613	4.70	150	5	ND	2	35	1	3	3	61	.56	.044	6	107	1.22	197	.12	8	2.90	.02	.26	1	101
L11350N 5062.5E	1	63	4	81	.1	28	14	982	3.70	46	5	ND	2	34	1	2	2	50	.47	.027	7	93	1.06	249	.15	6	2.56	.02	.46	1	6
L11350N 5075E	1	79	4	69	.1	31	15	824	3.67	15	5	ND	2	30	1	2	2	45	.50	.032	6	135	1.28	222	.15	12	2.51	.02	.64	1	1
L11350N 5087.5E	1	21	3	43	.1	14	6	255	2.12	12	5	ND	1	29	1	3	2	33	.28	.020	5	36	.44	106	.11	4	1.64	.03	.20	2	1
L11350N 5100E	1	25	9	44	.1	21	8	492	2.43	13	5	ND	2	33	1	2	2	39	.38	.016	6	53	.60	144	.12	3	1.70	.02	.26	2	1
STD C/AU-S	19	55	40	125	7.0	66	28	927	4.01	39	16	8	33	48	18	16	22	56	.50	.089	38	56	.91	175	.08	33	1.75	.05	.13	12	49

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488A

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	AUX PPB
L11350N 5112.5E	1	55	3	66	.1	31	12	610	3.20	27	5	ND	2	43	1	5	2	51	.50	.042	9	71	.83	182	.15	4	2.17	.02	.34	1	7
L11350N 5125E	1	33	2	49	.3	24	9	407	2.58	21	6	ND	3	43	1	2	2	39	.33	.030	7	53	.77	168	.13	3	2.16	.03	.17	1	1
L11350N 5137.5E	1	57	4	77	.1	20	13	782	3.07	18	5	ND	2	32	1	3	2	42	.36	.051	5	39	.91	263	.14	5	2.27	.02	.31	1	1
L11350N 5150E	1	32	2	56	.3	22	10	577	2.86	19	5	ND	2	43	1	2	2	46	.44	.032	8	43	.73	179	.14	5	1.87	.03	.26	1	1
L11350N 5162.5E	1	61	3	63	.3	33	12	621	3.52	23	5	ND	3	48	1	2	2	58	.61	.043	11	60	.95	167	.16	5	1.99	.03	.37	1	9
L11350N 5175E	1	37	4	55	.2	24	10	630	2.85	16	5	ND	2	48	1	2	2	46	.51	.033	9	41	.68	160	.14	5	1.77	.03	.33	1	24
L11350N 5187.5E	1	27	7	46	.2	17	8	542	2.39	15	5	ND	2	64	1	2	2	38	.42	.041	8	29	.87	113	.12	6	1.78	.04	.26	2	1
L11350N 5200E	1	22	4	54	.1	14	6	545	2.08	12	5	ND	1	80	1	2	2	35	.71	.046	6	24	.67	130	.10	7	1.33	.02	.20	1	1
L11350N 5212.5E	1	16	4	52	.1	11	6	558	2.01	14	6	ND	2	65	1	5	2	32	.51	.039	5	22	.58	112	.10	6	1.44	.02	.22	1	3
L11350N 5225E	1	17	2	53	.1	12	7	540	2.06	10	5	ND	2	71	1	2	2	32	.60	.050	5	21	.51	112	.10	8	1.42	.02	.23	1	1
L11350N 5750E	1	16	4	40	.1	12	6	354	2.23	10	5	ND	1	32	1	2	2	38	.32	.020	5	24	.45	104	.14	3	1.44	.03	.20	1	2
L11350N 5762.5E	1	19	4	54	.2	14	6	434	2.41	2	5	ND	2	29	1	2	2	39	.33	.026	5	27	.43	129	.15	6	1.64	.03	.23	1	1
L11350N 5775E	1	16	2	46	.2	13	6	383	2.34	8	5	ND	2	28	1	2	2	39	.31	.022	4	27	.40	120	.14	4	1.57	.03	.22	2	1
L11350N 5787.5E	1	15	5	38	.1	11	6	248	2.10	8	6	ND	2	26	1	2	2	35	.27	.016	4	27	.42	84	.14	4	1.46	.03	.19	2	1
L11350N 5800E	1	19	5	39	.2	13	7	392	2.22	8	5	ND	3	30	1	3	2	37	.38	.013	5	37	.47	105	.14	4	1.32	.03	.24	1	10
L11350N 5812.5E	1	17	2	105	.1	10	5	217	1.50	15	5	ND	1	20	1	2	2	25	.21	.081	2	26	.33	146	.08	4	1.05	.03	.14	1	1
L11350N 5825E	1	33	2	119	.2	16	8	246	2.49	11	5	ND	1	24	1	2	2	39	.36	.031	2	67	.79	114	.10	9	1.50	.03	.35	1	1
L11350N 5837.5E	1	96	3	114	.6	42	24	503	5.93	323	5	ND	1	42	1	3	2	102	.74	.108	4	156	2.17	234	.09	10	2.72	.01	.47	1	102
L11350N 5850E	1	33	2	60	.2	20	11	258	3.04	37	5	ND	1	22	1	2	2	35	.37	.018	3	77	.80	174	.13	5	2.07	.03	.44	1	6
L11350N 5862.5E	1	30	5	64	.1	16	10	510	2.62	19	5	ND	2	22	1	2	2	33	.34	.017	4	63	.75	183	.14	5	1.91	.02	.47	1	4
L11350N 5875E	1	37	3	47	.1	16	10	225	2.71	8	5	ND	2	27	1	2	2	44	.39	.014	5	51	.78	104	.18	8	1.52	.03	.42	3	1
L11350N 5887.5E	1	67	2	104	.2	17	13	311	2.80	25	5	ND	1	22	1	2	2	32	.36	.051	2	27	.88	195	.16	10	2.21	.03	.40	1	1
L11350N 5900E	1	55	3	64	.2	13	13	306	3.45	19	5	ND	2	26	1	2	2	44	.40	.019	4	34	.93	167	.17	6	2.03	.02	.57	1	1
L11350N 5912.5E	1	109	5	64	.2	20	16	326	4.67	38	5	ND	2	32	1	3	2	72	.52	.029	6	46	1.32	188	.18	5	2.28	.01	.64	2	8
L11350N 5925E	1	48	2	67	.2	16	11	552	3.10	10	5	ND	2	28	1	2	2	42	.43	.018	6	42	.82	177	.17	5	2.12	.02	.45	1	1
L11350N 5937.5E	1	66	5	54	.1	20	13	395	3.35	13	5	ND	2	31	1	2	2	47	.54	.027	8	56	.96	168	.19	8	2.07	.02	.55	1	4
L11350N 5950E	1	34	2	48	.1	14	10	493	2.72	9	5	ND	2	27	1	3	2	41	.36	.014	6	39	.72	140	.16	5	1.88	.02	.38	2	3
L11350N 5962.5E	1	56	2	59	.1	15	12	679	2.94	12	5	ND	1	24	1	2	2	42	.37	.020	4	53	.96	179	.17	5	1.87	.02	.58	1	3
L11350N 5975E	1	26	4	58	.1	12	8	474	2.46	8	5	ND	1	26	1	2	2	39	.35	.020	4	32	.56	133	.15	7	1.61	.02	.35	1	2
L11350N 5987.5E	1	56	2	69	.1	16	12	447	3.22	14	5	ND	3	29	1	2	2	48	.40	.028	5	46	.85	159	.18	5	2.29	.02	.44	1	1
L11350N 6000E	1	128	3	92	.2	20	19	492	4.28	24	5	ND	2	28	1	2	2	61	.44	.051	4	85	1.35	165	.23	8	2.75	.01	.88	1	1
L11350N 6012.5E	1	72	2	71	.3	16	14	519	3.76	24	5	ND	2	33	1	2	2	56	.47	.030	5	45	1.12	188	.18	6	2.37	.01	.65	1	4
L11350N 6025E	1	87	4	142	.2	16	16	1271	4.14	15	5	ND	2	29	1	2	2	76	.45	.048	5	50	1.23	286	.13	6	2.34	.01	.48	1	1
L11350N 6037.5E	1	74	2	67	.2	22	16	489	3.76	10	5	ND	2	33	1	2	2	59	.50	.022	5	96	1.36	218	.23	4	2.34	.01	.71	1	1
L11350N 6050E	1	77	2	69	.1	17	13	557	3.34	7	5	ND	3	34	1	2	2	52	.52	.025	7	42	.83	193	.18	5	2.11	.02	.48	1	2
L11325N 4875E	1	28	5	41	.1	16	8	481	2.15	7	5	ND	2	111	1	4	2	30	.49	.013	5	41	.82	120	.11	10	1.50	.03	.31	3	1
STD C/AU-S	19	56	42	131	7.0	69	29	965	4.17	41	17	8	35	49	18	15	20	58	.52	.091	39	55	.95	180	.09	36	1.82	.05	.15	14	51

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
L11325N 4887.5E	1	15	2	36	.2	16	7	250	2.12	6	5	ND	1	41	1	2	2	39	.26	.010	3	58	.61	95	.15	2	1.39	.03	.20	2	3
L11325N 4900E	1	47	6	51	.2	27	10	626	2.80	16	5	ND	2	58	1	2	2	47	.49	.027	6	80	.84	153	.15	7	1.71	.03	.45	1	5
L11325N 4912.5E	1	52	7	77	.1	29	11	680	2.85	24	5	ND	1	48	1	2	2	48	.58	.038	8	84	.78	192	.14	5	1.82	.02	.39	1	4
L11325N 4925E	1	32	7	92	.2	24	10	530	2.86	29	5	ND	1	37	1	4	2	47	.39	.026	6	79	.77	146	.15	4	1.98	.03	.32	1	5
L11325N 4937.5E	1	17	7	68	.1	14	6	356	2.03	14	5	ND	1	35	1	3	3	35	.31	.032	3	46	.48	103	.12	4	1.42	.03	.25	1	1
L11325N 4950E	1	31	5	75	.2	18	7	453	2.28	13	5	ND	2	53	1	2	2	34	.43	.019	5	42	.58	73	.12	12	1.67	.03	.24	1	1
L11325N 4962.5E	1	24	3	54	.1	18	7	414	2.22	11	5	ND	2	35	1	3	2	37	.35	.022	4	62	.59	114	.13	4	1.42	.03	.25	1	3
L11325N 4975E	1	85	5	62	.3	37	15	443	3.97	40	7	ND	3	64	1	2	2	63	.65	.060	13	94	1.37	183	.17	7	2.44	.02	.25	2	12
L11325N 4987.5E	1	36	2	49	.1	22	9	240	2.71	25	5	ND	2	29	1	2	2	46	.30	.032	4	60	.71	108	.15	2	1.96	.03	.28	1	1
L11325N 5012.5E	1	29	2	58	.1	22	9	616	2.70	17	5	ND	2	37	1	2	2	44	.43	.027	6	64	.70	174	.15	2	1.96	.03	.23	1	1
L11325N 5025E	1	42	7	48	.1	23	11	415	2.92	21	5	ND	2	41	1	2	2	48	.54	.032	7	59	.81	140	.15	2	2.03	.02	.34	1	3
L11325N 5037.5E	1	61	2	77	.2	26	12	783	3.16	27	5	ND	2	46	1	2	2	50	.61	.043	8	61	.82	225	.14	6	2.12	.02	.45	1	2
L11325N 5050E	1	71	4	137	.1	32	20	1643	4.67	84	5	ND	2	39	1	3	2	69	.67	.049	6	173	1.43	394	.12	6	2.96	.01	.43	1	6
L11325N 5062.5E	1	101	8	88	.2	34	17	935	4.25	51	5	ND	2	35	1	2	2	61	.64	.032	7	145	1.47	191	.16	8	2.69	.02	.64	1	14
L11325N 5075E	1	77	3	82	.2	28	14	1199	3.40	35	5	ND	2	45	1	2	2	44	.65	.029	7	117	1.10	268	.14	6	2.35	.01	.60	1	7
L11325N 5087.5E	1	47	5	87	.2	24	11	952	2.85	23	5	ND	2	45	1	3	2	40	.62	.022	8	70	.76	253	.13	4	1.95	.02	.38	1	1
L11325N 5100E	1	41	7	68	.1	22	10	492	3.02	23	5	ND	2	41	1	2	2	47	.38	.031	6	61	.73	188	.14	3	2.14	.03	.31	2	1
L11325N 5112.5E	1	32	4	69	.1	23	9	548	2.77	18	5	ND	2	41	1	3	3	44	.38	.036	8	55	.60	205	.14	3	2.21	.03	.24	1	1
L11325N 5125E	1	31	5	50	.1	20	9	513	2.59	18	5	ND	2	39	1	3	4	41	.35	.031	7	49	.66	166	.14	7	1.95	.03	.25	1	1
L11325N 5137.5E	1	69	5	89	.1	23	16	876	3.47	15	5	ND	1	55	1	2	2	49	.52	.114	6	54	1.12	269	.14	5	2.31	.03	.51	1	5
L11325N 5150E	1	29	3	44	.1	20	10	260	2.70	10	5	ND	2	58	1	2	2	46	.38	.023	5	52	.88	110	.15	4	1.63	.06	.36	3	1
L11325N 5182.5E	1	48	4	71	.1	25	10	702	2.72	21	5	ND	2	115	1	2	2	45	.99	.062	8	50	1.13	161	.12	11	1.52	.02	.36	3	9
L11325N 5175E	1	30	5	43	.2	20	8	316	2.67	12	5	ND	2	54	1	2	2	49	.39	.021	7	45	.76	95	.15	8	1.58	.04	.27	2	1
L11325N 5187.5E	1	38	3	58	.1	13	5	539	1.63	21	5	ND	1	369	1	2	2	34	1.52	.058	6	26	3.92	117	.08	34	1.55	.02	.18	2	4
L11325N 5200E	1	33	7	45	.3	13	5	349	1.54	19	5	ND	1	576	1	2	2	35	3.46	.072	6	23	4.35	128	.07	26	1.34	.01	.17	1	1
L11325N 5212.5E	1	35	4	48	.1	11	5	452	1.54	14	8	ND	1	403	1	2	2	30	1.98	.053	6	18	3.15	134	.08	23	1.41	.04	.21	3	1
L11325N 5225E	1	28	4	63	.1	11	6	598	2.00	11	5	ND	1	144	1	2	2	35	1.18	.048	5	23	1.04	124	.10	11	1.36	.03	.22	1	1
L11325N 5750E	1	17	2	51	.1	12	6	462	2.12	8	5	ND	2	32	1	3	2	35	.34	.030	5	23	.32	143	.14	3	1.57	.03	.25	2	1
L11325N 5762.5E	1	23	2	56	.1	14	7	427	2.50	2	5	ND	2	29	1	2	2	42	.34	.025	5	29	.44	148	.16	7	1.79	.03	.31	1	1
L11325N 5775E	1	58	2	63	.2	25	12	543	3.28	5	5	ND	2	36	1	2	2	54	.48	.030	8	74	.84	225	.18	2	1.98	.03	.40	1	1
L11325N 5787.5E	1	33	5	83	.1	20	8	468	2.54	7	5	ND	2	30	1	2	2	41	.36	.037	5	43	.58	233	.16	7	1.85	.03	.25	1	2
L11325N 5800E	1	13	4	53	.1	12	5	417	2.04	2	5	ND	1	26	1	2	2	35	.27	.022	4	27	.34	126	.14	3	1.46	.03	.19	1	1
L11325N 5812.5E	1	20	4	63	.1	11	5	255	1.63	5	5	ND	1	22	1	2	2	27	.25	.042	3	26	.30	142	.10	2	1.18	.03	.13	1	2
L11325N 5825E	1	77	4	97	.1	28	17	496	4.05	31	5	ND	1	26	1	2	2	47	.39	.027	2	148	1.43	186	.15	5	2.36	.02	.93	1	6
L11325N 5837.5E	1	89	2	76	.1	29	16	611	3.71	13	5	ND	1	32	1	2	2	47	.52	.020	6	128	1.26	224	.18	2	2.54	.02	.81	1	1
L11325N 5850E	1	68	2	79	.2	28	16	646	3.64	24	5	ND	2	33	1	2	2	45	.56	.025	4	121	1.41	321	.17	2	2.45	.02	.59	2	1
STD C/AU-S	19	57	39	130	7.5	69	29	966	4.02	42	19	8	35	50	18	14	21	58	.50	.090	40	60	.92	183	.08	32	1.76	.06	.13	14	50

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	AUT PPB
L11325N 5862.5E	1	39	2	80	.2	21	12	365	2.69	14	5	ND	1	21	1	2	2	34	.29	.037	3	66	.90	233	.15	6	2.36	.04	.38	1	1
L11325N 5875E	1	36	6	85	.1	18	10	470	2.96	10	5	ND	2	27	1	2	2	38	.40	.027	4	64	.79	205	.16	10	2.18	.03	.65	1	1
L11325N 5887.5E	1	151	7	74	.2	35	21	537	4.35	29	5	ND	1	35	1	2	2	56	.62	.051	4	164	1.62	200	.19	8	2.40	.01	.92	1	2
L11325N 5900E	1	73	8	78	.1	20	14	378	4.03	45	5	ND	2	30	1	2	2	56	.46	.027	4	55	1.05	216	.19	8	2.67	.02	.64	1	3
L11325N 5912.5E	1	55	4	83	.1	16	14	686	3.97	12	6	ND	2	29	1	2	2	73	.42	.022	5	45	1.11	197	.19	6	2.29	.02	.64	1	2
L11325N 5925E	1	32	8	57	.1	13	10	378	2.75	7	5	ND	2	27	1	2	2	46	.38	.015	4	46	.75	142	.19	4	1.66	.03	.46	1	1
L11325N 5937.5E	1	36	2	79	.1	14	10	520	2.67	5	5	ND	2	28	1	2	2	39	.36	.043	4	43	.68	215	.16	6	2.09	.03	.37	1	1
L11325N 5950E	1	52	10	67	.2	18	12	725	3.16	8	5	ND	2	35	1	2	2	49	.43	.024	6	52	.92	241	.20	5	2.53	.03	.49	1	1
L11325N 5962.5E	2	81	2	100	.2	19	18	938	3.69	3	5	ND	2	32	1	2	2	51	.46	.026	3	66	1.44	265	.22	7	2.25	.01	1.11	1	3
L11325N 5975E	1	34	9	59	.1	14	10	384	2.91	8	5	ND	3	35	1	2	2	50	.44	.017	5	44	.70	150	.20	4	1.82	.03	.48	1	1
L11325N 5987.5E	1	40	4	79	.1	14	9	721	2.75	14	5	ND	1	30	1	2	2	47	.38	.035	5	31	.58	176	.17	5	1.90	.03	.41	1	1
L11325N 6000E	3	27	10	95	.2	12	8	638	2.63	17	5	ND	1	32	1	2	2	40	.41	.039	4	29	.51	197	.14	6	1.94	.03	.37	1	4
L11325N 6012.5E	2	42	7	59	.1	15	10	426	3.32	16	5	ND	2	34	1	2	2	54	.41	.020	6	42	.77	149	.19	5	2.12	.03	.42	1	5
L11325N 6025E	2	83	5	72	.1	21	14	702	3.63	14	5	ND	3	42	1	2	2	60	.58	.035	8	62	1.03	224	.20	6	2.24	.02	.59	1	1
L11325N 6037.5E	2	33	5	63	.1	16	9	634	2.72	2	5	ND	2	32	1	2	2	47	.40	.024	6	36	.61	187	.17	3	1.82	.02	.39	1	1
L11325N 6050E	2	31	6	121	.1	14	9	1113	2.64	7	5	ND	2	32	1	2	2	45	.50	.062	4	31	.60	235	.15	5	1.93	.02	.40	1	2
L11300N 4875E	3	70	2	120	.2	38	17	1064	3.63	21	5	ND	1	44	1	2	2	51	.55	.095	5	102	1.61	334	.19	6	2.59	.02	.47	1	1
L11300N 4912.5E	2	34	7	68	.1	23	9	630	2.76	14	5	ND	2	36	1	2	2	43	.40	.029	5	64	.76	175	.15	12	2.07	.03	.30	1	1
L11300N 4937.5E	2	35	11	78	.1	22	8	367	2.77	19	5	ND	2	40	1	3	2	48	.44	.037	6	54	.66	142	.16	8	1.69	.02	.33	1	3
L11300N 4962.5E	1	26	2	80	.1	21	7	434	2.53	20	5	ND	2	33	1	2	2	38	.43	.035	5	57	.60	144	.14	8	2.01	.03	.24	1	1
L11300N 4987.5E	2	31	3	112	.1	18	8	971	2.14	27	5	ND	1	45	1	3	2	33	.58	.140	5	32	.47	275	.10	5	1.84	.01	.12	1	1
L11300N 5012.5E	2	36	7	58	.1	24	10	374	2.91	19	5	ND	2	43	1	2	3	47	.49	.024	7	56	.70	166	.17	5	2.35	.02	.21	1	1
L11300N 5037.5E	2	59	9	130	.2	24	12	689	3.30	24	7	ND	2	32	1	2	2	50	.42	.060	6	55	.86	232	.16	7	2.58	.02	.30	1	1
L11300N 5062.5E	4	137	2	100	.2	45	26	1604	5.68	32	8	ND	2	33	1	2	3	93	1.02	.041	6	206	2.64	301	.21	9	3.39	.01	.80	1	9
L11300N 5087.5E	2	39	5	66	.2	23	10	536	3.04	26	5	ND	3	37	1	2	2	47	.45	.021	7	60	.74	169	.17	7	2.25	.03	.33	1	3
L11300N 5112.5E	2	65	7	92	.1	23	11	859	3.04	24	6	ND	2	49	1	2	2	45	.56	.046	7	57	.69	217	.13	10	2.16	.02	.36	1	1
L11300N 5137.5E	1	28	3	47	.2	19	8	437	2.46	11	5	ND	2	71	1	2	2	35	.43	.014	6	44	.84	94	.13	13	1.67	.04	.31	1	2
L11300N 5162.5E	1	20	2	38	.1	15	7	299	2.26	7	8	ND	2	45	1	2	2	43	.34	.019	4	38	.66	65	.14	5	1.26	.04	.22	1	1
L11300N 5187.5E	1	30	5	40	.2	12	5	470	1.51	11	6	ND	1	526	1	3	2	27	3.52	.068	6	17	2.04	129	.07	35	1.08	.04	.23	1	1
L11300N 5212.5E	1	36	5	46	.1	13	6	427	1.77	12	5	ND	1	190	1	3	2	34	1.03	.052	7	20	2.77	115	.09	12	1.47	.02	.16	2	1
L11300N 5725.5E	1	59	4	86	.2	21	13	308	2.72	16	5	ND	2	28	1	2	2	38	.38	.074	3	78	.90	186	.14	3	2.04	.03	.23	1	2
L11300N 5737.5E	1	15	6	60	.1	13	5	438	2.05	4	5	ND	2	26	1	2	2	35	.27	.026	4	22	.28	166	.14	4	1.54	.03	.17	1	1
L11300N 5750E	1	14	3	51	.1	13	6	534	2.21	3	5	ND	2	32	1	2	3	37	.33	.018	5	24	.34	155	.15	3	1.66	.03	.20	1	1
L11300N 5762.5E	1	32	4	63	.1	17	8	408	2.58	8	5	ND	2	28	1	2	4	40	.37	.023	5	47	.58	196	.16	4	1.98	.03	.30	1	1
L11300N 5775E	1	47	5	86	.1	22	12	717	3.17	2	5	ND	2	31	1	2	2	45	.47	.019	7	67	.80	268	.18	4	2.32	.03	.42	1	1
L11300N 5787.5E	1	35	7	64	.1	20	10	477	2.66	5	5	ND	2	27	1	2	2	40	.38	.024	5	66	.75	178	.16	4	1.85	.03	.48	1	1
STD C/AU-S	21	57	40	131	7.3	68	29	971	4.08	42	19	7	35	50	18	14	23	58	.50	.090	40	56	.93	183	.09	35	1.78	.06	.14	13	48

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUR
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L11300N 5800E	1	17	8	54	.1	14	6	330	2.36	8	5	ND	1	29	1	2	2	39	.32	.026	5	33	.42	147	.17	3	1.83	.03	.24	1	1
L11300N 5812.5E	1	16	3	45	.1	12	6	358	2.26	9	5	ND	2	29	1	4	3	39	.37	.017	5	36	.43	130	.15	2	1.59	.03	.28	2	1
L11300N 5825E	1	39	4	118	.1	22	12	572	2.81	7	5	ND	2	27	1	3	2	33	.40	.026	3	109	1.05	191	.16	9	2.19	.02	.80	1	2
L11300N 5837.5E	1	30	5	56	.1	16	8	576	2.65	10	5	ND	2	32	1	2	2	39	.46	.023	6	53	.59	173	.16	7	1.79	.03	.47	1	1
L11300N 5850E	1	9	3	28	.1	8	4	150	1.56	11	5	ND	1	21	1	3	2	24	.24	.012	2	22	.30	65	.11	3	1.43	.03	.18	1	1
L11300N 5862.5E	1	12	7	31	.1	8	5	158	1.70	8	5	ND	1	20	1	2	2	24	.20	.012	2	28	.38	73	.11	3	1.43	.03	.29	2	1
L11300N 5875E	1	24	7	50	.1	13	7	361	2.33	7	5	ND	1	28	1	2	2	34	.35	.017	4	39	.57	125	.15	4	1.70	.03	.37	1	1
L11300N 5887.5E	1	29	8	52	.1	17	10	323	2.76	16	5	ND	1	28	1	3	2	42	.37	.016	4	67	.87	148	.18	2	2.09	.03	.33	1	12
L11300N 5900E	1	35	5	117	.1	13	7	654	1.94	18	5	ND	1	30	1	2	2	28	.45	.031	2	46	.55	199	.10	6	1.33	.03	.32	1	1
L11300N 5912.5E	1	83	7	123	.2	15	13	713	3.40	70	5	ND	1	34	1	2	2	41	.44	.045	4	41	.81	279	.14	10	1.97	.02	.65	1	22
L11300N 5925E	1	26	8	76	.1	12	8	430	2.54	26	5	ND	2	26	1	2	2	41	.34	.024	4	32	.63	198	.17	3	1.93	.03	.42	1	1
L11300N 5937.5E	1	45	8	67	.1	15	12	458	2.89	27	5	ND	2	29	1	7	2	41	.42	.018	5	55	.84	162	.17	3	1.87	.02	.49	1	2
L11300N 5950E	1	36	4	90	.1	12	9	915	2.46	16	5	ND	1	30	1	3	2	38	.43	.024	4	29	.50	228	.14	13	1.51	.03	.39	1	1
L11300N 5962.5E	1	48	6	70	.2	13	11	558	3.47	47	5	ND	1	27	1	6	2	49	.37	.023	5	43	.74	126	.15	4	1.74	.02	.51	1	6
L11300N 5975E	1	12	5	49	.1	6	5	552	1.70	8	5	ND	1	24	1	2	3	27	.27	.030	3	11	.22	155	.08	3	1.23	.03	.14	1	1
L11300N 5987.5E	1	25	2	56	.1	10	7	530	2.30	8	5	ND	1	32	1	4	3	37	.35	.016	4	32	.45	126	.15	5	1.48	.03	.41	1	1
L11300N 6000E	1	33	3	65	.1	12	7	458	2.46	10	5	ND	3	32	1	2	3	38	.42	.016	5	39	.45	127	.15	4	1.53	.02	.36	2	2
L11300N 6012.5E	1	32	6	115	.1	11	9	690	2.71	8	5	ND	2	31	1	3	2	41	.40	.024	4	35	.59	159	.18	5	1.89	.03	.46	1	1
L11300N 6025E	1	35	7	95	.1	12	8	831	2.50	12	5	ND	1	28	1	3	2	35	.38	.024	5	28	.45	190	.14	5	2.25	.03	.34	2	1
L11300N 6037.5E	1	47	8	68	.1	16	10	563	3.29	23	5	ND	2	35	1	4	3	51	.47	.018	7	41	.64	165	.17	4	2.09	.02	.46	2	6
L11300N 6050E	1	31	5	49	.1	16	9	567	2.76	10	5	ND	2	34	1	5	3	44	.43	.014	7	33	.55	147	.16	4	1.85	.03	.41	1	2
L11275N 4875E	1	41	5	57	.2	35	13	427	3.27	16	5	ND	2	46	1	2	2	52	.48	.030	6	129	1.15	137	.17	5	2.24	.02	.47	2	2
L11275N 4887.5E	1	40	6	126	.2	16	8	1342	2.35	29	5	ND	2	35	1	2	2	32	.49	.070	4	37	.62	324	.10	6	1.87	.02	.32	1	1
L11275N 4900E	1	48	5	77	.4	33	12	869	2.94	10	7	ND	2	56	1	4	2	43	.60	.035	7	110	1.03	240	.15	6	2.07	.02	.45	1	1
L11275N 4912.5E	1	36	2	59	.2	29	10	633	2.58	17	5	ND	1	38	1	4	2	40	.42	.025	5	103	.77	150	.15	5	1.73	.02	.39	1	1
L11275N 4925E	1	25	2	84	.2	18	8	351	2.34	19	5	ND	1	32	1	6	2	37	.33	.042	4	55	.55	128	.12	4	1.58	.03	.29	1	1
L11275N 4937.5E	1	29	2	98	.1	20	7	483	2.57	27	5	ND	1	35	1	2	2	37	.46	.031	5	57	.59	156	.13	10	1.79	.02	.36	1	1
L11275N 4950E	1	26	2	66	.1	20	8	246	2.70	26	5	ND	1	33	1	2	3	39	.38	.037	6	49	.62	145	.15	4	2.30	.03	.24	1	1
L11275N 4962.5E	1	31	5	59	.1	24	9	199	2.71	20	5	ND	1	36	1	2	2	43	.36	.034	5	66	.76	136	.14	3	2.00	.03	.20	1	1
L11275N 4975E	1	48	8	91	.1	27	11	427	3.22	27	5	ND	2	36	1	2	2	48	.40	.116	5	69	.75	242	.14	3	2.39	.02	.24	1	1
L11275N 4987.5E	1	32	5	59	.3	24	9	335	2.96	19	5	ND	2	36	1	2	2	46	.44	.026	6	58	.80	125	.17	3	2.40	.02	.22	1	2
L11275N 5012.5E	1	49	5	127	.4	24	9	1068	2.74	22	5	ND	2	43	1	2	2	39	.51	.079	7	56	.66	328	.13	8	2.12	.02	.35	1	1
L11275N 5025E	1	54	5	110	.2	20	10	544	2.77	49	5	ND	2	29	1	2	2	46	.32	.216	6	42	.63	264	.14	7	2.88	.02	.07	2	1
L11275N 5037.5E	1	50	7	54	.3	25	11	369	3.42	8	5	ND	3	34	1	2	2	54	.43	.021	9	62	.84	126	.18	3	2.56	.02	.36	2	2
L11275N 5050E	1	46	2	51	.2	25	11	552	3.23	17	5	ND	3	36	1	4	2	50	.45	.014	10	60	.83	145	.17	5	2.19	.02	.45	2	3
L11275N 5062.5E	1	75	6	61	.3	29	14	613	3.70	17	5	ND	2	42	1	3	2	55	.57	.026	8	70	1.13	177	.17	8	2.29	.02	.61	1	2
STD C/AU-S	18	57	43	129	7.3	68	29	963	4.01	42	16	8	34	49	18	16	22	57	.49	.092	39	59	.90	180	.09	34	1.75	.06	.15	12	52

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
L11275N 5075E	1	92	10	61	.3	37	16	705	3.88	11	6	ND	3	37	1	2	2	56	.66	.018	7	145	1.49	179	.17	8	2.31	.02	.63	1	1
L11275N 5087.5E	1	77	6	67	.2	33	15	627	3.77	10	7	ND	4	40	1	2	2	51	.53	.015	8	109	1.30	177	.17	8	2.38	.02	.59	1	1
L11275N 5100E	1	44	6	67	.3	24	11	715	3.10	17	5	ND	2	40	1	2	2	42	.51	.023	5	83	.97	211	.14	5	2.24	.02	.41	1	1
L11275N 5112.5E	1	51	9	67	.3	31	13	352	3.71	40	6	ND	4	44	1	2	2	59	.52	.036	8	85	.96	137	.17	6	2.42	.02	.37	1	2
L11275N 5125E	2	97	12	123	.7	25	13	522	4.39	136	5	ND	2	51	1	4	3	60	.62	.034	6	77	.94	120	.12	11	2.21	.02	.54	1	285
L11275N 5137.5E	1	18	10	53	.2	15	6	316	2.27	28	5	ND	1	34	1	2	3	37	.28	.035	3	36	.48	103	.11	5	1.65	.03	.21	1	1
L11275N 5150E	1	21	6	52	.3	15	7	526	2.24	16	8	ND	2	46	1	2	2	31	.35	.011	5	36	.62	100	.12	6	1.81	.03	.22	1	1
L11275N 5162.5E	1	29	5	45	.3	21	9	336	2.58	13	5	ND	2	47	1	2	2	49	.40	.026	6	50	.67	104	.14	4	1.56	.03	.24	1	1
L11275N 5175E	1	29	4	45	.4	21	8	420	2.64	9	5	ND	3	52	1	2	2	47	.49	.020	6	44	.65	114	.14	7	1.56	.03	.30	1	2
L11275N 5187.5E	1	39	6	23	.5	10	4	148	1.12	12	5	ND	1	744	1	6	2	18	17.34	.031	3	18	1.23	103	.04	14	.68	.28	.15	4	1
L11275N 5200E	1	33	6	37	.3	16	7	529	2.04	6	7	ND	1	451	1	2	2	33	3.86	.053	6	26	1.31	145	.09	27	1.18	.02	.37	2	1
L11275N 5212.5E	1	31	9	42	.2	15	7	399	2.29	3	5	ND	2	161	1	2	2	38	.88	.022	7	28	1.45	101	.11	10	1.44	.02	.22	1	1
L11275N 5225E	1	60	6	67	.2	14	4	635	1.65	9	5	ND	1	233	1	2	2	29	1.53	.053	7	17	2.28	129	.07	13	1.32	.04	.23	1	1
L11250N 4875E	2	54	10	91	.2	29	14	544	3.83	24	6	ND	2	51	1	2	2	55	.53	.063	5	80	1.29	177	.18	7	2.84	.02	.40	1	2
L11250N 4900E	1	55	6	66	.3	33	12	393	3.22	24	6	ND	2	39	1	2	2	51	.43	.039	7	95	1.03	155	.16	4	2.22	.02	.37	1	2
L11250N 4912.5E	1	26	11	104	.2	21	8	268	2.48	48	5	ND	2	28	1	2	2	35	.31	.075	3	45	.63	168	.12	4	2.04	.02	.18	1	2
L11250N 4925E	1	36	11	68	.4	28	11	310	3.03	50	5	ND	3	47	1	2	2	51	.58	.025	7	75	.83	145	.15	3	2.09	.02	.20	1	13
L11250N 4937.5E	1	39	6	59	.2	28	10	524	2.96	23	5	ND	2	39	1	2	2	48	.48	.024	6	76	.83	169	.14	4	1.83	.02	.32	2	1
L11250N 4950E	1	37	8	69	.3	23	9	340	2.91	26	5	ND	2	36	1	2	3	44	.51	.038	6	60	.66	147	.14	6	2.24	.02	.32	1	1
L11250N 4962.5E	1	37	6	70	.3	27	11	326	3.19	15	5	ND	3	36	1	2	3	48	.49	.027	6	71	.79	154	.15	3	2.38	.02	.26	1	1
L11250N 4975E	1	34	10	66	.1	23	10	375	3.08	15	5	ND	3	34	1	2	2	49	.41	.026	6	51	.75	138	.15	2	2.42	.02	.21	1	1
L11250N 4987.5E	1	37	10	76	.1	23	10	547	3.05	24	5	ND	2	32	1	2	2	46	.39	.039	5	50	.73	225	.14	2	2.41	.03	.25	1	1
L11250N 5012.5E	1	48	7	60	.1	30	12	479	3.46	20	5	ND	3	39	1	2	3	53	.45	.024	7	79	.94	155	.16	3	2.52	.03	.29	1	1
L11250N 5025E	1	46	6	58	.3	28	11	379	3.36	19	5	ND	2	41	1	5	2	56	.44	.023	9	60	.82	147	.17	3	2.27	.03	.36	2	2
L11250N 5037.5E	1	96	10	85	.2	27	21	918	4.29	20	6	ND	3	31	1	4	2	58	.46	.039	5	64	1.60	295	.20	4	3.13	.02	.65	1	1
L11250N 5050E	1	68	11	71	.1	25	14	629	3.75	23	5	ND	4	35	1	2	2	58	.48	.027	9	57	.96	192	.17	3	3.21	.02	.34	1	2
L11250N 5062.5E	1	101	12	98	.2	25	19	596	4.92	30	5	ND	2	45	1	2	2	72	.77	.057	6	91	1.51	173	.13	13	3.16	.01	.49	1	1
L11250N 5075E	1	49	9	82	.2	14	10	488	3.58	18	5	ND	2	42	1	2	2	44	.66	.048	4	48	.80	164	.10	13	2.10	.01	.43	1	2
L11250N 5087.5E	1	63	9	89	.1	23	13	510	4.55	41	5	ND	2	37	1	2	2	65	.69	.034	6	92	1.04	145	.10	10	2.61	.02	.43	2	1
L11250N 5100E	1	65	6	75	.2	29	12	483	4.08	49	7	ND	4	40	1	2	2	59	.59	.032	9	77	1.01	143	.15	6	2.35	.02	.51	1	22
L11250N 5112.5E	1	76	9	85	.1	28	13	744	3.93	37	5	ND	3	44	1	2	2	55	.52	.023	8	68	1.02	179	.14	6	2.32	.02	.56	1	17
L11250N 5125E	1	30	9	53	.1	17	8	388	2.60	23	7	ND	2	38	1	2	2	39	.35	.017	5	43	.60	120	.12	4	1.77	.03	.31	1	1
L11250N 5137.5E	1	46	10	102	.3	29	12	760	3.34	98	5	ND	3	42	1	2	2	49	.51	.054	8	62	.76	241	.13	4	2.15	.02	.33	1	46
L11250N 5150E	1	27	6	62	.1	19	9	568	2.67	15	5	ND	2	38	1	3	3	44	.38	.024	6	38	.53	154	.14	3	1.94	.03	.23	1	1
L11250N 5162.5E	1	35	7	76	.2	22	9	647	2.86	15	5	ND	3	35	1	3	2	45	.42	.035	6	46	.63	182	.14	3	2.20	.02	.22	2	1
L11250N 5175E	1	36	10	59	.1	27	11	349	3.08	10	5	ND	2	35	1	2	2	50	.39	.033	6	65	.83	154	.15	2	2.16	.02	.23	1	1
STD C/AU-S	19	56	40	129	7.4	69	29	950	4.05	42	19	8	34	48	18	17	23	57	.50	.091	38	56	.91	176	.08	33	1.75	.06	.16	15	49

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	AUT PPM
L11250N 5187.5E	1	45	9	72	.1	24	12	590	3.70	12	5	ND	1	42	1	2	2	56	.50	.031	7	65	.73	160	.14	5	2.09	.02	.32	1	1
L11250N 5200E	1	33	6	59	.1	21	9	494	2.95	8	5	ND	2	40	1	2	2	52	.42	.028	7	46	.59	162	.17	3	1.86	.03	.20	1	1
L11250N 5212.5E	1	17	8	33	.1	13	6	282	2.34	6	5	ND	1	44	1	4	2	44	.40	.008	4	30	.52	71	.16	2	1.32	.04	.24	1	1
L11250N 5225E	1	14	2	34	.1	12	6	141	2.26	7	5	ND	2	36	1	2	2	40	.26	.010	2	26	.52	64	.15	2	1.57	.04	.19	1	1
L10200N 4837.5E	1	55	10	68	.1	25	13	612	3.75	5	5	ND	2	39	1	2	2	63	.55	.016	7	50	.85	185	.20	3	2.66	.02	.35	1	1
L10200N 4862.5E	1	106	21	107	1.3	61	19	663	5.27	41	5	ND	2	44	1	6	2	79	.85	.033	7	79	1.21	152	.14	7	2.38	.01	.42	1	62
L10200N 4887.5E	1	76	29	101	.5	26	15	738	4.32	51	5	ND	2	41	1	2	3	72	.69	.028	8	48	.77	141	.14	5	2.16	.02	.39	1	24
L10200N 4912.5E	1	71	43	142	.7	24	12	608	4.00	60	5	ND	2	39	1	4	2	68	.57	.031	7	41	.76	136	.14	9	1.87	.02	.43	1	38
L10200N 4937.5E	1	65	33	111	.5	22	12	625	3.81	41	5	ND	1	48	1	3	2	62	.76	.033	7	45	.75	119	.15	9	1.96	.01	.47	2	25
L10200N 4962.5E	1	72	16	68	.3	29	13	682	3.62	14	5	ND	3	47	1	2	2	61	.58	.027	9	61	1.00	197	.17	5	2.02	.03	.39	1	7
L10175N 4825E	1	53	8	76	.3	24	12	585	3.88	3	5	ND	2	41	1	3	2	64	.53	.026	7	51	.82	137	.17	4	2.09	.02	.44	1	1
L10175N 4837.5E	1	50	11	79	.2	24	12	634	3.74	8	5	ND	2	42	1	2	2	64	.51	.019	10	48	.67	161	.18	3	2.16	.03	.37	1	1
L10175N 4850E	1	83	19	78	.6	27	11	474	3.79	21	5	ND	2	49	1	2	2	60	.64	.030	10	52	.84	152	.17	7	2.49	.03	.44	1	5
L10175N 4862.5E	1	40	8	83	.1	23	10	633	3.47	10	5	ND	2	41	1	2	2	56	.47	.023	8	42	.67	172	.17	3	2.25	.03	.38	1	1
L10175N 4875E	1	54	17	78	.1	28	12	582	3.92	6	5	ND	2	43	1	5	2	64	.54	.024	9	52	.83	161	.19	4	2.34	.03	.41	1	10
L10175N 4887.5E	1	83	23	103	.9	30	16	762	4.61	50	5	ND	2	43	1	4	2	80	.68	.028	9	53	.89	153	.15	5	2.25	.02	.41	1	32
L10175N 4900E	1	79	38	106	1.2	28	14	654	4.33	57	5	ND	2	43	1	5	2	72	.66	.023	8	49	.85	139	.16	6	2.18	.02	.44	1	48
L10175N 4912.5E	1	67	24	100	.3	25	13	713	4.02	37	5	ND	2	41	1	2	2	68	.58	.025	8	46	.82	141	.16	7	2.02	.02	.48	1	20
L10175N 4925E	1	59	25	121	.3	22	12	705	3.89	38	5	ND	1	42	1	3	2	64	.55	.026	8	43	.67	163	.16	6	2.18	.02	.40	1	11
L10175N 4937.5E	1	71	19	91	.4	24	13	552	4.18	28	5	ND	2	44	1	6	2	68	.62	.028	9	49	.89	146	.18	6	2.36	.02	.42	1	12
L10175N 4962.5E	1	41	15	68	.5	21	10	593	3.10	12	5	ND	2	45	1	2	2	50	.50	.021	8	41	.72	149	.15	5	1.99	.02	.34	1	1
L10175N 4975E	1	73	19	90	.2	32	13	830	3.61	22	5	ND	2	49	1	5	2	56	.66	.028	10	76	.90	195	.16	8	2.16	.02	.49	2	1
L10175N 4987.5E	1	76	12	71	1.3	32	15	913	3.94	27	5	ND	3	47	1	4	2	62	.73	.028	9	83	.98	170	.17	4	2.21	.02	.45	1	8
L10150N 4800E	1	62	18	75	.1	27	14	734	3.98	18	5	ND	2	41	1	3	2	74	.56	.028	7	53	.85	162	.16	4	1.72	.02	.46	1	1
L10150N 4812.5E	1	127	29	152	2.5	35	22	804	5.18	75	5	ND	2	50	1	12	2	83	1.76	.065	6	52	.88	104	.10	8	1.86	.01	.39	2	195
L10150N 4825E	1	49	24	93	.5	23	12	529	3.80	14	5	ND	2	34	1	3	2	72	.56	.026	8	47	.70	118	.16	7	1.85	.02	.46	1	12
L10150N 4837.5E	1	47	115	229	.3	27	16	1073	4.04	30	5	ND	2	41	2	4	2	67	.55	.015	7	84	.81	152	.13	3	1.85	.02	.35	2	53
L10150N 4850E	1	98	44	151	1.8	42	22	1086	4.59	83	5	ND	1	67	1	9	2	69	3.38	.077	7	81	1.17	124	.09	14	1.80	.01	.42	2	120
L10150N 4862.5E	1	46	22	106	.2	26	13	770	3.56	22	5	ND	2	45	1	2	2	58	.60	.021	8	47	.73	151	.16	5	1.97	.02	.41	1	5
L10150N 4875E	1	54	53	265	.5	25	12	1129	3.35	37	5	ND	2	49	2	3	2	51	.59	.036	7	42	.63	219	.13	5	1.83	.02	.40	1	26
L10150N 4887.5E	1	38	17	147	.1	15	10	1219	3.42	28	5	ND	1	53	1	2	2	60	.58	.050	6	33	.50	247	.14	8	2.22	.01	.34	1	3
L10150N 4900E	1	50	29	96	.2	12	8	904	2.41	21	5	ND	1	75	1	2	2	40	1.45	.055	3	21	.48	162	.09	18	1.24	.01	.31	1	1
L10150N 4912.5E	1	51	21	89	.1	16	9	693	3.07	16	5	ND	1	38	1	2	2	49	.51	.022	6	29	.54	142	.14	7	1.86	.02	.35	1	4
L10150N 4925E	1	59	19	111	.4	21	10	847	3.24	27	5	ND	2	43	1	2	2	52	.56	.028	7	37	.64	158	.14	9	1.77	.02	.44	1	3
L10150N 4937.5E	1	93	23	96	1.2	21	10	354	3.34	44	5	ND	2	41	1	2	2	53	.54	.025	7	47	.75	109	.14	6	1.99	.02	.40	1	7
STD C/AU-S	19	57	43	132	7.6	70	29	972	4.07	43	20	7	34	50	18	15	21	59	.51	.094	39	57	.92	182	.09	34	1.79	.06	.14	13	48

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L10150N 4950E	2	59	26	119	1.1	19	10	810	3.01	46	5	ND	1	54	1	2	2	45	.87	.053	6	40	.71	158	.11	14	1.67	.01	.42	1	23
L10150N 4962.5E	2	66	10	67	.4	27	13	859	3.61	20	5	ND	2	37	1	2	2	57	.53	.018	8	56	.87	148	.15	5	1.86	.02	.45	1	7
L10150N 4975E	2	48	12	68	.1	23	11	803	3.05	17	5	ND	2	39	1	2	2	50	.50	.021	8	48	.71	147	.14	6	1.62	.02	.34	1	5
L10150N 4987.5E	3	45	14	57	.2	26	12	854	3.04	12	5	ND	2	42	1	2	2	47	.61	.032	8	63	.79	178	.13	6	1.67	.01	.42	1	1
L10125N 4837.5E	3	57	13	89	.1	25	12	527	4.05	16	5	ND	1	35	1	2	2	61	.63	.022	8	54	.83	123	.16	5	2.33	.02	.34	1	10
L10125N 4850E	4	104	194	310	2.1	39	22	1002	5.15	75	5	ND	2	48	2	7	2	77	1.75	.058	7	78	1.23	98	.10	8	1.97	.01	.39	1	295
L10125N 4862.5E	3	92	150	507	4.6	34	15	787	4.69	178	5	ND	1	41	4	6	2	63	1.23	.039	7	52	1.08	62	.12	7	1.86	.01	.35	1	485
L10125N 4875E	4	96	54	195	3.5	28	17	701	4.52	93	5	ND	1	52	1	9	2	58	2.36	.038	7	36	.91	70	.09	6	1.60	.01	.25	2	225
L10125N 4887.5E	3	84	13	125	.8	20	15	708	4.97	38	5	ND	2	39	1	2	2	65	.68	.025	7	31	.70	149	.11	6	2.23	.02	.32	2	16
L10125N 4900E	2	83	18	131	.6	16	13	1327	4.10	28	5	ND	2	52	1	2	2	51	.87	.042	9	31	.67	226	.11	8	2.28	.01	.39	1	7
L10125N 4912.5E	3	88	24	89	.8	22	14	709	4.02	34	6	ND	2	40	1	3	2	62	.70	.023	8	38	.88	144	.14	4	1.97	.01	.39	1	21
L10125N 4925E	3	80	24	103	.7	23	13	748	3.82	38	5	ND	2	40	1	2	2	57	.70	.027	7	41	.80	153	.13	4	2.03	.02	.36	1	26
L10125N 4937.5E	3	177	7	67	.8	26	17	506	4.49	54	6	ND	1	43	1	5	2	64	.74	.068	5	70	1.28	107	.13	6	1.86	.01	.35	1	27
L10125N 4962.5E	2	55	8	83	.1	21	11	940	3.11	17	5	ND	2	42	1	2	2	48	.58	.024	7	44	.69	179	.14	6	1.77	.01	.39	1	1
L10125N 4987.5E	1	45	5	64	.6	18	9	427	2.75	14	5	ND	2	156	1	2	2	41	1.14	.028	8	34	1.32	110	.12	11	1.66	.03	.37	1	3
L10100N 4787.5E	1	96	8	102	.1	31	17	834	4.41	8	5	ND	2	37	1	2	2	70	.83	.034	6	77	1.14	143	.15	6	2.18	.01	.56	1	1
L10100N 4812.5E	2	56	13	78	.1	27	12	617	3.78	9	5	ND	3	36	1	2	2	61	.49	.018	9	49	.76	156	.16	3	2.23	.02	.38	1	4
L10100N 4837.5E	3	92	30	129	.3	30	18	772	4.72	20	5	ND	1	37	1	2	2	79	.73	.026	7	59	.99	133	.12	4	2.30	.01	.42	1	20
L10100N 4862.5E	3	91	96	291	2.8	40	17	749	4.54	82	5	ND	2	42	2	4	2	71	1.25	.040	8	63	1.24	100	.14	4	2.03	.01	.37	2	240
L10100N 4887.5E	3	100	17	106	1.1	29	17	735	4.47	42	5	ND	1	47	1	5	2	71	1.49	.039	7	46	1.12	118	.14	5	1.83	.01	.32	1	56
L10100N 4912.5E	3	105	25	100	1.4	26	15	584	4.51	53	5	ND	2	38	1	2	2	73	.89	.044	8	44	1.05	121	.14	5	1.94	.01	.44	1	95
L10100N 4937.5E	1	109	38	98	2.6	25	14	678	3.87	49	5	ND	2	43	1	4	2	59	.79	.048	8	53	.98	141	.14	8	1.97	.01	.54	1	125
L10100N 4962.5E	2	77	14	64	.2	27	12	472	3.56	23	5	ND	3	43	1	2	2	58	.58	.033	9	52	.77	132	.16	5	2.02	.02	.41	1	36
L10100N 4987.5E	1	52	14	72	.5	23	11	501	3.05	15	6	ND	2	74	1	2	2	49	.70	.026	8	44	.86	107	.14	7	1.68	.02	.39	1	12
L10075N 4750E	3	109	19	73	.6	34	16	717	4.48	22	5	ND	2	45	1	2	2	78	.89	.038	9	69	1.17	157	.17	3	2.13	.01	.53	1	14
L10075N 4762.5E	2	106	12	76	.2	36	17	752	4.32	23	5	ND	1	45	1	2	2	77	1.18	.060	7	73	1.30	151	.15	4	1.94	.01	.49	1	19
L10075N 4775E	2	119	15	80	.7	34	17	613	4.32	24	6	ND	1	42	1	2	3	76	1.18	.066	7	78	1.34	129	.14	5	1.96	.01	.53	1	18
L10075N 4787.5E	1	89	13	83	.2	28	15	839	3.99	15	5	ND	2	34	1	2	2	67	.58	.029	7	68	1.08	142	.15	3	1.99	.02	.47	1	8
L10075N 4800E	2	76	12	82	.4	31	14	627	3.91	12	5	ND	3	40	1	3	4	64	.63	.025	8	78	.94	154	.16	2	2.12	.02	.44	1	1
L10075N 4812.5E	1	83	32	120	.3	28	15	698	4.36	21	5	ND	1	39	1	4	2	68	.78	.040	7	58	.94	143	.14	7	2.16	.01	.57	1	3
L10075N 4825E	2	67	22	110	.3	24	14	746	3.93	15	7	ND	2	37	1	4	2	64	.57	.024	7	48	.83	156	.14	3	2.02	.02	.42	1	1
L10075N 4837.5E	2	104	69	205	2.1	27	16	657	4.71	30	5	ND	1	35	1	6	2	72	.64	.036	6	52	.83	101	.12	5	2.05	.01	.47	1	16
L10075N 4850E	2	87	39	130	.9	33	14	570	4.18	20	5	ND	2	40	1	2	2	69	.70	.031	8	59	.98	131	.16	3	2.06	.02	.37	1	31
L10075N 4862.5E	2	71	28	123	.4	30	13	650	3.94	18	5	ND	2	39	1	2	2	63	.53	.023	9	50	.86	152	.16	3	2.04	.02	.41	1	22
L10075N 4875E	1	47	18	121	.2	22	11	729	3.62	17	5	ND	2	36	1	2	2	53	.52	.025	7	41	.67	170	.14	3	2.16	.02	.35	1	6
L10075N 4887.5E	2	37	14	129	.1	16	9	699	2.89	14	7	ND	2	30	1	2	2	42	.40	.029	7	28	.46	166	.13	2	2.12	.02	.28	1	1
L10075N 4900E	1	76	15	97	.5	24	13	665	3.75	24	5	ND	2	33	1	2	2	64	.59	.042	8	39	.80	162	.16	2	2.15	.02	.31	1	9
STD C/AU-S	19	57	41	131	7.2	68	30	966	4.04	43	19	8	34	49	18	15	21	57	.50	.095	38	54	.91	178	.09	32	1.76	.05	.15	12	51

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L10075N 4912.5E	1	80	21	101	.3	26	14	872	3.97	34	5	ND	2	42	1	2	2	65	.62	.025	9	39	.83	170	.15	4	2.27	.02	.40	1	38
L10075N 4925E	1	77	18	98	.2	26	14	892	3.88	27	5	ND	3	44	1	2	2	65	.56	.027	10	41	.81	190	.15	5	2.26	.02	.43	2	14
L10075N 4937.5E	1	60	19	99	.3	23	12	740	3.64	47	6	ND	3	41	1	2	2	57	.54	.020	9	36	.69	179	.15	4	2.40	.02	.38	1	29
L10075N 4950E	1	62	8	90	.1	25	12	770	3.72	17	5	ND	2	42	1	2	2	57	.52	.032	8	44	.82	176	.16	6	2.38	.02	.50	1	2
L10075N 4962.5E	1	61	11	83	.2	24	11	670	3.33	15	5	ND	2	42	1	2	2	52	.50	.030	9	43	.67	176	.15	5	2.38	.03	.40	1	1
L10075N 4975E	1	49	9	84	.1	24	11	1041	3.02	19	5	ND	2	51	1	2	3	50	.75	.032	8	40	.64	232	.13	7	1.88	.01	.39	2	1
L10075N 4987.5E	1	37	11	79	.2	21	10	763	2.79	24	5	ND	2	39	1	2	4	46	.44	.040	8	40	.57	210	.13	4	2.09	.02	.31	1	1
L10050N 4750E	1	124	7	79	.2	38	18	707	4.56	21	5	ND	2	42	1	2	2	82	.70	.048	8	68	1.26	172	.17	6	2.44	.02	.57	1	29
L10050N 4762.5E	1	97	10	75	.1	38	16	725	4.04	18	5	ND	2	38	1	2	2	72	.57	.031	8	70	1.10	151	.17	4	2.17	.02	.46	1	17
STD C/AU-S	19	57	39	128	7.2	67	29	962	3.85	42	19	8	34	48	18	17	21	56	.47	.094	37	55	.87	170	.08	37	1.81	.05	.12	15	52
L10050N 4775E	1	115	9	79	.4	40	17	696	4.29	21	7	ND	3	45	1	2	2	75	1.01	.054	9	76	1.18	139	.16	6	2.25	.01	.57	1	69
L10050N 4787.5E	1	111	23	84	.8	38	16	622	4.18	21	5	ND	2	44	1	4	2	72	.99	.041	7	81	1.09	141	.15	5	2.16	.01	.44	1	74
L10050N 4800E	1	46	12	75	.1	26	11	891	3.24	7	5	ND	3	37	1	2	2	56	.47	.020	8	48	.63	174	.16	5	2.05	.02	.35	2	1
L10050N 4812.5E	1	55	16	84	.1	27	11	517	3.50	16	5	ND	2	38	1	2	2	57	.50	.022	10	51	.71	156	.16	5	2.38	.02	.36	1	1
L10050N 4825E	1	43	11	106	.2	22	9	530	2.96	9	5	ND	1	34	1	2	2	48	.43	.027	6	39	.59	138	.13	4	2.02	.02	.33	1	5
L10050N 4837.5E	1	65	37	101	.9	25	11	449	3.65	21	5	ND	2	37	1	3	2	59	.52	.024	8	51	.74	133	.15	4	2.13	.02	.37	2	35
L10050N 4850E	1	54	35	119	.5	23	10	541	3.35	11	5	ND	2	39	1	2	2	55	.51	.028	8	42	.62	145	.14	4	2.09	.03	.32	1	32
L10050N 4862.5E	1	53	16	102	.1	26	12	682	3.49	12	5	ND	2	38	1	2	2	60	.49	.022	9	42	.71	162	.16	3	2.19	.02	.33	1	11
L10050N 4875E	1	87	21	120	.9	26	15	657	4.32	26	5	ND	2	35	1	2	2	70	.61	.028	7	45	.83	142	.13	4	2.33	.02	.33	2	190
L10050N 4887.5E	1	54	18	113	.3	21	11	687	3.42	22	5	ND	2	36	1	2	2	53	.50	.026	6	34	.59	158	.13	6	2.17	.02	.34	1	25
L10025N 4787.5E	1	79	9	68	.1	32	15	655	3.77	12	5	ND	2	36	1	2	2	66	.56	.024	7	74	.97	132	.16	4	2.09	.02	.44	1	8
L10025N 4800E	1	52	17	81	.1	23	11	600	3.25	10	5	ND	2	34	1	2	2	54	.46	.020	8	45	.62	140	.15	4	2.10	.02	.39	1	15
L10025N 4812.5E	1	107	28	91	1.1	35	17	719	4.40	20	5	ND	3	44	1	3	2	77	1.14	.047	9	68	1.14	144	.16	4	2.29	.01	.43	1	10
L10025N 4825E	1	123	30	117	.8	42	19	736	4.92	27	5	ND	2	42	1	2	2	86	1.06	.046	8	86	1.21	141	.15	5	2.41	.01	.45	1	86
L10025N 4837.5E	1	80	37	149	.5	29	14	624	4.33	17	5	ND	3	39	1	2	2	69	.59	.027	8	59	.86	137	.15	4	2.32	.02	.41	1	39
L10025N 4850E	2	103	102	261	1.6	33	18	843	5.11	45	5	ND	2	36	2	2	2	80	.63	.035	7	68	1.02	131	.13	5	2.36	.01	.38	1	240
L10025N 4862.5E	2	62	28	167	.2	25	11	524	3.64	24	5	ND	2	36	1	2	2	54	.47	.029	7	40	.67	153	.14	5	2.27	.02	.34	1	15
L10025N 4875E	1	51	23	111	.3	23	10	548	3.46	20	5	ND	2	35	1	2	2	54	.44	.022	8	39	.61	177	.16	5	2.40	.03	.30	1	8
L10025N 4887.5E	1	44	20	99	.1	20	10	579	3.16	15	5	ND	2	35	1	2	2	50	.42	.022	7	38	.57	166	.14	5	2.19	.02	.28	1	9
L10025N 4900E	1	52	13	99	.2	21	9	429	3.34	19	5	ND	2	36	1	2	2	53	.42	.021	8	36	.60	159	.16	3	2.35	.03	.28	1	8
L10025N 4912.5E	1	32	12	86	.4	15	7	489	2.09	12	5	ND	2	33	1	2	2	35	.41	.058	5	19	.36	143	.11	7	1.73	.03	.27	1	2
L10025N 4925E	1	41	16	90	.3	20	9	411	3.07	19	5	ND	2	35	1	2	2	51	.37	.029	8	36	.64	157	.15	3	2.28	.03	.23	1	1
L10025N 4937.5E	1	41	19	70	.1	20	10	621	3.07	20	5	ND	2	37	1	2	2	49	.48	.026	8	35	.56	164	.14	6	2.20	.02	.36	1	4
L10025N 4950E	1	37	10	84	.1	19	9	604	2.77	15	5	ND	2	33	1	2	2	43	.39	.027	7	33	.52	184	.14	4	2.11	.02	.34	1	1
L10025N 4962.5E	1	34	14	92	.1	19	9	672	2.78	12	5	ND	1	35	1	2	2	44	.42	.027	8	36	.52	176	.14	4	2.31	.02	.27	1	1
L10025N 4975E	1	52	13	87	.1	22	13	710	3.40	22	5	ND	2	40	1	2	2	54	.48	.042	7	49	.80	186	.15	8	2.53	.02	.35	1	1
L10025N 4987.5E	1	41	15	83	.3	23	11	807	3.17	25	5	ND	1	34	1	2	2	50	.41	.025	9	51	.67	173	.15	6	2.20	.02	.31	1	1

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488A

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	AUX PPB
L10000N 4712.5E	2	87	2	74	.1	26	13	470	3.76	11	5	ND	3	44	1	2	2	65	.59	.026	8	53	.89	145	.18	5	1.97	.02	.56	1	1
L10000N 4737.5E	2	100	10	80	.1	38	16	725	4.09	14	5	ND	2	44	1	2	2	73	.67	.023	9	69	1.08	161	.19	4	2.15	.02	.57	1	1
L10000N 4762.5E	1	128	15	79	.6	36	19	717	4.46	28	5	ND	2	54	1	2	2	89	1.84	.082	7	84	1.38	145	.15	5	1.97	.01	.59	1	27
L10000N 4787.5E	2	111	12	77	.3	39	18	715	4.35	16	5	ND	2	41	1	2	2	82	.78	.039	7	89	1.28	132	.17	4	2.05	.01	.58	2	16
L10000N 4812.5E	1	108	37	103	.5	37	19	852	4.53	19	5	ND	1	41	1	2	2	81	.73	.036	8	87	1.15	148	.17	4	2.17	.01	.52	1	36
L10000N 4837.5E	1	97	28	122	.3	37	17	705	4.52	29	5	ND	2	45	1	2	2	78	.82	.043	8	75	1.02	123	.15	7	1.97	.01	.61	1	55
L10000N 4862.5E	1	50	17	128	.1	24	11	500	3.60	16	5	ND	2	36	1	2	2	58	.50	.023	9	42	.67	145	.16	4	2.31	.02	.39	1	3
L10000N 4887.5E	2	43	11	101	.1	21	11	541	3.39	19	5	ND	2	37	1	2	2	60	.51	.030	9	41	.58	176	.16	5	2.02	.02	.41	2	1
L10000N 4912.5E	2	37	8	140	.1	22	11	586	3.32	16	5	ND	2	30	1	4	2	56	.34	.080	6	43	.59	206	.14	6	2.05	.02	.42	1	4
L10000N 4962.5E	1	39	9	92	.1	20	11	747	3.05	16	5	ND	2	36	1	2	2	50	.40	.028	9	36	.56	211	.15	5	2.05	.03	.50	1	1
L10000N 4987.5E	1	90	29	161	.1	30	24	1105	5.56	51	5	ND	2	44	1	2	2	73	.87	.067	6	38	.91	196	.09	9	1.85	.01	.48	1	22
L10000N 5012.5E	1	39	10	101	.1	22	11	970	2.96	6	5	ND	2	43	1	2	2	47	.53	.031	9	30	.69	306	.17	5	2.41	.03	.47	1	1
L9975N 4650E	1	109	4	98	.1	13	18	579	4.17	14	5	ND	1	36	1	2	2	75	.65	.044	3	24	1.41	149	.20	8	2.44	.01	1.06	1	1
L9975N 4662.5E	1	171	10	103	.3	19	16	594	4.13	14	5	ND	2	35	1	2	2	73	.58	.038	6	31	1.23	169	.20	10	2.33	.02	.85	1	3
L9975N 4675E	1	78	9	76	.1	25	13	427	3.73	9	5	ND	2	38	1	2	2	68	.52	.031	8	43	.89	128	.21	7	1.97	.02	.61	1	2
L9975N 4687.5E	1	114	15	79	.1	26	16	570	4.33	10	5	ND	2	45	1	2	2	74	.77	.029	7	53	1.14	157	.21	6	2.14	.01	.75	1	8
L9975N 4700E	1	64	12	87	.1	24	13	740	3.68	10	5	ND	2	42	1	2	2	65	.60	.023	8	46	.80	170	.19	5	2.04	.02	.54	1	1
L9975N 4712.5E	1	71	9	85	.1	28	12	631	3.69	12	5	ND	1	42	1	2	2	65	.59	.022	8	57	.84	148	.19	7	1.97	.02	.59	1	1
L9975N 4725E	1	59	10	100	.1	21	11	656	3.26	8	5	ND	2	37	1	2	2	54	.48	.021	6	48	.71	175	.17	6	2.12	.03	.49	1	5
L9975N 4737.5E	1	45	4	75	.1	20	10	394	3.34	7	5	ND	2	37	1	2	2	57	.45	.020	7	45	.63	134	.18	5	2.05	.03	.39	1	1
L9975N 4750E	1	90	9	77	.1	25	14	542	4.10	14	7	ND	2	40	1	2	2	69	.60	.025	8	51	.92	153	.19	7	2.35	.02	.53	1	2
L9975N 4762.5E	1	95	9	76	.1	29	14	535	4.04	20	5	ND	3	42	1	2	2	68	.61	.031	8	63	.97	158	.19	6	2.26	.02	.55	1	5
STD C/AU-S	20	58	42	137	7.2	71	31	1020	4.16	38	20	8	36	50	20	18	20	61	.51	.101	40	61	.95	169	.09	35	1.78	.05	.15	14	48
L9975N 4775E	1	61	3	77	.1	30	13	760	3.37	13	5	ND	3	36	1	2	2	54	.54	.023	8	65	.77	157	.17	6	2.21	.02	.48	1	3
L9975N 4787.5E	1	70	11	77	.1	32	13	653	3.85	9	5	ND	2	41	1	2	2	62	.56	.021	9	73	.88	161	.18	6	2.27	.02	.54	1	1
L9975N 4800E	1	48	7	94	.2	24	11	703	3.21	7	5	ND	2	35	1	2	2	52	.52	.022	8	58	.71	187	.16	6	2.08	.02	.40	1	3
L9975N 4812.5E	1	37	9	80	.1	20	10	470	3.19	15	5	ND	2	34	1	2	2	53	.43	.018	8	47	.59	144	.17	6	2.03	.03	.36	1	2
L9975N 4825E	1	69	15	92	.1	23	12	485	3.76	15	5	ND	2	41	1	2	2	62	.60	.027	8	62	.73	147	.16	8	2.09	.02	.51	1	225
L9975N 4837.5E	1	36	9	94	.1	23	9	469	3.11	12	5	ND	2	34	1	2	2	48	.42	.026	6	45	.55	148	.14	7	2.01	.03	.28	1	2
L9975N 4850E	1	35	11	82	.1	18	8	352	2.91	13	7	ND	3	32	1	2	2	48	.38	.020	6	38	.49	129	.15	5	1.84	.03	.28	1	5
L9975N 4862.5E	1	29	23	115	.1	17	8	492	2.81	15	5	ND	1	29	1	2	2	46	.38	.021	6	34	.45	138	.14	6	1.77	.03	.27	1	11
L9975N 4875E	1	43	14	87	.3	21	10	534	3.37	20	5	ND	2	37	1	2	2	58	.50	.024	8	41	.58	149	.15	6	1.84	.02	.32	1	3
L9975N 4887.5E	1	39	15	83	.1	23	10	496	3.47	17	5	ND	2	39	1	2	2	62	.47	.034	10	45	.61	175	.17	5	1.95	.03	.23	1	1
L9975N 4900E	1	39	17	109	.1	19	10	548	3.16	18	5	ND	2	36	1	2	2	51	.42	.029	9	34	.56	182	.16	7	2.37	.02	.34	1	26
L9975N 4912.5E	1	39	28	111	.1	16	10	481	3.06	14	5	ND	2	32	1	2	2	48	.43	.034	6	35	.58	137	.14	8	2.27	.02	.48	1	2
L9975N 4925E	1	31	43	175	.2	13	9	894	2.70	25	5	ND	1	34	1	2	2	41	.49	.048	6	20	.43	203	.10	7	2.13	.02	.31	1	19
L9975N 4937.5E	2	44	54	154	.4	15	10	670	3.14	37	5	ND	1	39	1	2	2	50	.56	.053	5	30	.52	160	.10	10	1.78	.01	.42	1	32

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	
L9975N 4950E	1	31	6	93	.2	15	8	635	2.63	13	5	ND	2	46	1	3	2	42	.61	.075	6	29	.49	180	.11	5	1.73	.01	.36	1	4
L9975N 4962.5E	1	34	5	91	.1	19	8	757	2.74	14	5	ND	2	38	1	4	2	43	.51	.042	7	26	.52	200	.12	3	1.87	.02	.32	1	17
L9975N 5012.5E	1	41	2	89	.3	21	10	670	3.03	13	5	ND	2	33	1	2	2	45	.43	.030	5	31	.77	269	.16	2	2.53	.03	.32	1	2
L9975N 5025E	1	46	2	111	.1	19	11	1272	2.69	9	6	ND	2	54	1	2	2	37	.77	.027	6	30	.76	309	.12	2	1.90	.01	.46	1	1
L9950N 4650E	1	63	2	83	.1	13	9	415	2.85	11	5	ND	1	25	1	2	2	43	.35	.028	3	20	.68	136	.15	2	2.06	.03	.35	1	1
L9950N 4662.5E	1	38	2	49	.4	16	7	133	2.69	8	5	ND	2	30	1	2	2	46	.32	.015	6	29	.52	90	.15	2	1.69	.04	.21	1	1
L9950N 4675E	2	49	2	63	.1	24	10	322	3.37	8	5	ND	3	38	1	2	3	54	.48	.018	10	44	.69	116	.18	2	2.18	.03	.35	2	1
L9950N 4687.5E	2	117	5	69	.3	30	15	483	4.50	17	5	ND	3	43	1	2	2	78	.73	.044	9	63	1.12	148	.19	2	2.31	.01	.51	1	45
L9950N 4700E	2	91	3	77	.1	26	13	482	3.90	9	5	ND	2	41	1	2	3	61	.62	.021	7	58	.98	153	.18	2	2.35	.02	.51	1	64
L9950N 4712.5E	2	68	4	76	.2	31	12	553	3.96	7	5	ND	3	42	1	2	2	61	.56	.025	9	49	.90	155	.18	3	2.26	.03	.52	1	1
L9950N 4725E	1	91	3	76	.2	32	13	472	4.55	8	5	ND	3	44	1	3	2	71	.61	.023	9	62	.96	151	.20	2	2.43	.02	.50	1	11
L9950N 4737.5E	1	43	9	76	.1	24	11	582	3.48	9	5	ND	2	39	1	2	2	65	.49	.022	7	54	.84	130	.19	2	1.76	.02	.38	1	1
L9950N 4750E	1	60	7	83	.1	24	12	519	3.70	15	6	ND	2	33	1	3	2	58	.44	.031	7	54	.84	154	.16	2	2.40	.02	.49	2	4
L9950N 4762.5E	1	26	6	62	.1	16	7	285	2.39	9	5	ND	2	28	1	2	2	38	.27	.024	5	28	.44	118	.13	2	2.03	.03	.16	1	1
L9950N 4775E	1	47	2	70	.2	22	10	393	3.28	13	5	ND	2	32	1	4	2	46	.38	.035	7	33	.72	165	.17	3	2.52	.03	.45	1	1
L9950N 4787.5E	1	30	2	76	.1	18	8	465	2.92	9	5	ND	2	28	1	2	3	44	.33	.021	6	34	.51	162	.16	2	2.30	.03	.29	1	2
L9950N 4800E	1	51	4	80	.2	24	10	455	3.55	10	5	ND	2	35	1	2	2	52	.45	.022	7	44	.84	187	.19	2	2.61	.03	.50	2	1
L9950N 4812.5E	1	29	5	57	.1	16	7	205	2.61	10	5	ND	2	27	1	2	2	41	.30	.027	5	29	.41	116	.13	2	2.06	.04	.20	1	1
L9950N 4825E	1	35	3	85	.2	18	8	286	2.99	11	5	ND	2	32	1	5	3	45	.42	.033	5	31	.50	141	.14	3	1.96	.03	.30	1	2
L9950N 4837.5E	1	29	3	84	.1	19	8	340	2.95	7	5	ND	3	30	1	3	2	43	.37	.027	6	29	.57	149	.15	3	2.18	.03	.37	1	1
L9950N 4850E	1	38	2	68	.1	21	10	536	3.23	14	5	ND	2	31	1	3	3	49	.40	.034	6	32	.61	154	.15	3	1.99	.03	.31	1	1
L9950N 4862.5E	1	48	7	88	.2	21	10	483	3.27	12	5	ND	2	31	1	2	2	49	.41	.042	7	33	.66	161	.15	5	2.35	.03	.39	1	1
L9950N 4875E	1	42	7	100	.2	20	10	548	3.15	11	5	ND	2	34	1	2	2	47	.42	.030	8	30	.65	186	.15	3	2.40	.03	.33	1	1
L9950N 4887.5E	1	42	12	111	.1	19	9	722	2.81	15	5	ND	2	39	1	2	2	41	.56	.053	7	31	.56	210	.13	4	2.15	.02	.36	1	4
L9950N 4900E	1	45	24	123	.4	20	10	702	3.31	15	5	ND	2	36	1	2	2	48	.47	.029	8	36	.60	220	.14	5	2.38	.03	.34	1	5
L9950N 4925E	1	36	4	88	.1	19	9	370	3.13	14	5	ND	2	31	1	4	2	45	.34	.038	6	24	.60	184	.14	3	2.52	.03	.36	1	1
L9950N 4937.5E	1	37	7	99	.1	17	9	709	2.81	13	5	ND	1	36	1	2	2	41	.53	.045	5	23	.58	188	.11	5	1.97	.02	.33	1	1
L9950N 4950E	1	30	4	92	.1	18	8	687	2.63	5	5	ND	1	36	1	2	3	37	.46	.053	7	25	.60	233	.13	5	2.21	.02	.40	1	1
L9950N 4962.5E	1	44	4	88	.1	24	10	634	3.28	12	5	ND	1	31	1	2	2	47	.41	.037	6	30	.81	195	.17	4	2.78	.03	.52	1	16
L9950N 4975E	1	42	2	93	.1	22	10	743	3.22	7	5	ND	2	34	1	2	2	45	.47	.020	8	32	.75	195	.16	5	2.46	.03	.47	1	2
L9950N 4987.5E	1	55	4	86	.2	26	13	729	3.56	12	5	ND	2	36	1	2	2	48	.46	.037	9	33	.88	191	.18	4	2.74	.03	.57	1	2
L9950N 5000E	1	34	3	87	.2	19	8	503	2.59	5	5	ND	2	35	1	3	2	39	.44	.033	7	29	.59	182	.14	3	1.97	.03	.29	1	1
L9950N 5012.5E	1	53	20	120	1.1	22	11	731	3.22	9	5	ND	2	39	1	3	2	45	.51	.032	7	44	.81	179	.17	4	2.46	.03	.47	1	220
L9950N 5025E	1	25	5	84	.1	15	7	491	2.27	6	5	ND	1	32	1	2	3	34	.39	.031	5	27	.47	152	.12	3	1.78	.03	.22	1	1
L9925N 4600E	1	101	11	92	.2	16	13	763	3.99	7	5	ND	2	37	1	2	2	64	.52	.016	6	27	1.08	158	.17	4	2.26	.02	.58	1	4
L9925N 4612.5E	1	109	9	93	.1	14	14	788	4.08	11	5	ND	1	35	1	2	3	67	.49	.025	6	26	1.08	149	.15	7	2.23	.01	.65	1	2
STD C/AU-S	19	56	44	124	7.1	66	28	916	4.02	40	18	7	33	47	17	14	21	55	.50	.087	37	53	.92	170	.08	32	1.77	.05	.14	14	53

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488A

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
L9925N 4625E	1	86	13	131	.2	14	12	1308	3.06	14	5	ND	2	52	1	2	2	55	1.00	.051	5	26	.85	183	.11	14	1.56	.01	.58	1	1
L9925N 4637.5E	1	96	15	102	.1	14	13	1007	3.70	14	5	ND	3	37	1	3	2	69	.55	.031	5	25	1.00	177	.14	9	1.69	.01	.57	1	2
L9925N 4650E	1	107	14	118	.2	16	13	954	3.83	12	5	ND	3	54	1	6	2	61	1.29	.086	6	28	1.06	218	.14	17	2.23	.01	.78	1	1
L9925N 4662.5E	1	96	12	73	.2	14	11	362	3.52	7	5	ND	2	32	1	2	2	59	.44	.018	6	25	.79	131	.14	6	2.06	.03	.42	1	1
L9925N 4675E	1	102	11	109	.1	20	13	600	3.73	15	5	ND	2	39	1	2	2	69	.68	.053	4	47	1.06	156	.18	13	1.82	.01	.64	1	18
L9925N 4687.5E	1	81	9	67	.1	29	12	543	3.46	6	5	ND	3	40	1	2	2	59	.55	.025	9	48	.80	136	.16	7	1.85	.02	.50	1	5
L9925N 4700E	1	70	9	70	.1	27	12	635	3.44	6	5	ND	3	44	1	2	2	62	.60	.020	9	47	.79	161	.17	7	1.78	.02	.45	1	11
L9925N 4712.5E	1	54	6	68	.2	24	10	639	3.16	12	5	ND	2	39	1	2	2	57	.52	.024	8	43	.68	145	.16	7	1.68	.02	.45	1	2
L9925N 4725E	1	46	9	72	.2	23	10	919	2.93	6	5	ND	3	35	1	2	2	56	.41	.012	8	43	.62	177	.17	5	1.56	.02	.37	1	10
L9925N 4737.5E	1	34	6	71	.2	18	8	497	2.80	11	5	ND	3	31	1	2	2	48	.37	.017	7	32	.55	132	.15	6	1.76	.02	.35	1	1
L9925N 4750E	1	49	7	62	.1	21	9	320	3.23	8	5	ND	3	35	1	2	2	50	.40	.021	6	30	.74	166	.18	5	2.22	.03	.32	1	1
L9925N 4762.5E	1	27	6	69	.1	17	7	664	2.51	5	5	ND	2	30	1	2	2	44	.37	.021	6	29	.49	151	.14	5	1.59	.02	.30	1	1
L9925N 4775E	1	35	3	62	.2	20	8	376	3.07	9	5	ND	3	29	1	2	2	49	.35	.014	7	29	.64	122	.17	6	2.09	.03	.39	1	1
L9925N 4787.5E	1	40	5	75	.1	21	9	475	3.19	8	5	ND	3	31	1	2	2	49	.36	.020	6	28	.67	147	.17	6	2.19	.03	.38	1	1
L9925N 4800E	1	29	5	129	.1	19	7	764	2.46	6	5	ND	2	30	1	2	2	38	.37	.031	5	29	.50	214	.13	6	2.03	.02	.29	1	1
L9925N 4812.5E	1	56	4	68	.1	21	10	489	3.20	16	5	ND	2	30	1	2	2	51	.38	.026	5	35	.82	157	.17	6	2.11	.03	.40	1	1
L9925N 4825E	2	78	4	62	.1	23	11	326	3.57	10	5	ND	1	36	1	2	2	64	.44	.032	7	47	1.02	130	.19	5	2.05	.02	.52	1	2
L9925N 4837.5E	1	33	13	48	.1	17	7	401	2.46	10	7	ND	2	31	1	2	2	50	.38	.027	6	30	.50	114	.15	4	1.27	.03	.23	1	2
L9925N 4850E	1	47	7	50	.1	19	8	264	2.79	7	5	ND	2	35	1	3	2	54	.43	.023	9	37	.54	127	.16	5	1.56	.03	.22	1	1
L9925N 4862.5E	1	46	5	59	.1	20	9	413	2.99	10	5	ND	2	33	1	2	2	52	.39	.024	7	38	.58	138	.15	5	1.80	.03	.31	1	2
L9925N 4875E	1	36	5	76	.1	21	9	532	2.62	9	5	ND	2	31	1	2	2	40	.36	.037	6	23	.57	192	.15	6	2.33	.03	.34	1	1
L9925N 4887.5E	1	30	3	82	.1	20	8	511	2.67	9	5	ND	2	28	1	2	2	41	.30	.031	5	21	.57	209	.16	5	2.38	.03	.32	1	1
L9925N 4900E	1	30	6	88	.1	18	8	574	2.48	9	5	ND	2	33	1	2	2	38	.39	.029	6	21	.53	178	.14	5	2.03	.02	.32	1	1
L9925N 4912.5E	1	36	5	84	.2	21	9	622	2.68	8	5	ND	2	30	1	2	2	40	.35	.031	6	24	.62	233	.16	8	2.34	.03	.41	1	3
L9925N 4925E	1	33	7	76	.1	20	9	605	2.78	9	5	ND	2	29	1	2	2	41	.34	.022	6	27	.60	182	.16	6	2.26	.03	.36	1	3
L9925N 4937.5E	1	19	5	80	.1	14	6	473	2.14	7	5	ND	2	28	1	2	2	34	.33	.026	4	22	.42	181	.13	5	1.85	.02	.25	1	2
L9925N 4950E	1	22	3	110	.1	16	7	766	1.96	8	5	ND	2	24	1	2	2	31	.30	.068	3	21	.47	174	.10	5	1.53	.03	.23	1	1
L9925N 4962.5E	1	39	6	98	.1	22	10	1161	2.70	11	5	ND	2	36	1	3	2	38	.50	.079	6	29	.65	277	.13	7	1.88	.02	.51	1	3
L9925N 4975E	1	28	7	92	.1	17	7	610	2.39	5	5	ND	2	33	1	2	2	35	.46	.020	6	29	.46	163	.14	8	1.85	.02	.32	1	1
L9925N 4987.5E	1	34	4	108	.1	15	8	895	2.41	5	5	ND	2	30	1	2	2	36	.38	.037	6	25	.51	180	.13	7	1.87	.03	.30	1	1
L9925N 5000E	1	53	4	96	.1	25	11	816	3.21	11	5	ND	2	39	1	2	2	50	.53	.040	7	39	.79	193	.17	8	2.15	.02	.45	1	6
L9925N 5012.5E	1	24	2	119	.1	14	7	676	2.16	9	5	ND	2	25	1	3	2	32	.29	.031	5	23	.40	196	.12	7	1.82	.03	.20	1	1
L9925N 5025E	1	23	4	77	.1	13	6	608	1.96	6	5	ND	1	32	1	2	2	30	.46	.047	4	25	.37	173	.11	7	1.64	.02	.26	1	1
L9900N 4600E	1	166	8	87	.1	16	15	405	4.62	10	5	ND	2	32	1	2	2	81	.58	.035	5	30	1.23	161	.17	9	2.24	.01	.73	1	15
L9900N 4612.5E	1	133	7	89	.1	17	15	628	4.06	17	5	ND	1	34	1	2	2	68	.60	.039	5	29	1.13	177	.17	10	2.17	.01	.72	1	14
L9900N 4625E	1	94	15	90	.1	17	14	653	3.94	8	5	ND	2	35	1	2	2	65	.47	.028	6	34	1.00	166	.18	8	2.18	.02	.63	1	6
STD C/AU-S	19	58	37	126	7.1	66	28	931	3.89	43	20	8	34	47	17	14	23	56	.48	.088	38	54	.88	174	.08	36	1.69	.06	.13	14	48

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488A

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
L9900N 4637.5E	1	117	15	81	.2	18	14	512	4.02	12	5	ND	2	34	1	4	2	70	.50	.026	6	32	1.02	169	.18	4	2.29	.01	.66	1	2
L9900N 4650E	1	71	9	87	.1	19	11	470	3.44	12	5	ND	2	34	1	2	2	61	.48	.022	7	34	.79	176	.17	3	1.97	.02	.43	1	4
L9900N 4662.5E	2	105	8	76	.1	25	14	674	3.77	14	5	ND	3	40	1	2	2	67	.59	.039	8	48	.95	161	.17	9	1.97	.01	.68	1	26
L9900N 4675E	1	104	6	67	.1	22	13	460	3.72	11	5	ND	2	37	1	3	2	69	.52	.032	6	45	.97	154	.18	4	1.98	.01	.57	1	6
L9900N 4687.5E	2	75	8	74	.1	21	12	706	3.22	11	5	ND	2	35	1	4	2	57	.50	.019	7	43	.80	182	.16	4	1.80	.02	.51	1	1
L9900N 4700E	1	35	4	90	.1	18	8	466	2.68	4	5	ND	2	26	1	2	2	39	.33	.018	7	27	.46	182	.14	4	2.07	.03	.33	1	1
L9900N 4712.5E	2	42	7	89	.1	25	10	772	3.22	13	5	ND	2	37	1	3	2	56	.45	.021	8	37	.63	194	.16	5	1.81	.02	.41	1	4
L9900N 4725E	1	46	7	49	.1	23	8	359	3.07	10	6	ND	3	32	1	3	3	55	.39	.027	9	36	.60	122	.15	3	1.57	.03	.28	1	3
L9900N 4737.5E	1	40	5	61	.1	25	10	586	3.20	6	6	ND	3	33	1	2	2	59	.41	.019	8	35	.67	146	.17	4	1.63	.02	.41	1	5
L9900N 4750E	1	39	5	68	.1	25	9	643	3.14	10	5	ND	3	33	1	2	3	54	.38	.018	9	33	.64	158	.17	4	1.78	.03	.43	2	180
L9900N 4762.5E	1	32	6	53	.2	17	8	348	2.48	9	5	ND	2	29	1	2	4	43	.32	.025	7	28	.46	126	.14	2	1.55	.03	.25	1	2
L9900N 4787.5E	2	27	5	54	.1	14	7	331	2.21	10	5	ND	1	27	1	2	4	37	.32	.025	5	22	.38	135	.12	3	1.58	.03	.22	1	6
L9900N 4800E	1	33	6	77	.2	17	7	613	2.40	7	5	ND	2	25	1	2	2	37	.31	.019	6	28	.55	181	.13	5	1.99	.03	.34	1	1
L9900N 4812.5E	1	18	3	68	.2	11	4	498	1.46	3	5	ND	2	14	1	2	2	21	.18	.017	3	17	.31	104	.08	3	1.28	.02	.18	1	1
L9900N 4825E	1	32	7	83	.1	20	9	694	2.85	8	5	ND	2	29	1	2	2	51	.35	.020	8	33	.54	154	.17	5	1.66	.03	.32	1	1
L9900N 4837.5E	1	37	8	76	.1	21	9	653	3.04	9	5	ND	2	33	1	2	2	51	.40	.021	8	33	.67	177	.17	4	1.89	.03	.38	1	2
L9900N 4850E	2	43	5	86	.1	24	10	751	3.27	8	5	ND	3	34	1	2	2	51	.44	.023	8	33	.72	169	.17	6	2.04	.03	.47	1	1
L9900N 4862.5E	1	48	7	69	.2	23	10	338	3.24	9	5	ND	2	32	1	2	2	50	.39	.017	7	35	.80	168	.18	5	2.42	.03	.33	1	1
L9900N 4875E	1	42	3	70	.1	21	9	465	2.96	14	5	ND	2	29	1	2	2	47	.35	.020	6	31	.66	163	.16	5	2.23	.03	.41	1	3
L9900N 4887.5E	1	28	4	57	.1	18	7	376	2.74	10	5	ND	2	28	1	2	3	50	.33	.023	7	32	.43	134	.14	12	1.63	.03	.22	1	1
L9900N 4900E	1	59	6	69	.1	25	11	526	3.40	14	8	ND	2	32	1	2	2	52	.41	.035	8	37	.83	181	.17	6	2.14	.03	.43	1	1
L9900N 4912.5E	1	59	7	70	.3	27	13	480	3.53	11	5	ND	2	32	1	2	2	56	.44	.029	6	115	1.04	207	.18	5	2.68	.03	.49	1	2
L9900N 4925E	2	31	5	69	.1	20	9	627	2.76	10	5	ND	2	30	1	2	2	39	.36	.022	7	33	.62	202	.16	5	2.43	.03	.39	1	1
L9900N 4937.5E	1	43	8	126	.3	20	9	736	2.64	15	5	ND	2	31	1	2	2	36	.52	.072	5	38	.67	269	.14	10	2.25	.02	.49	1	1
L9900N 4950E	1	58	8	73	.1	25	11	462	3.48	14	5	ND	2	28	1	3	2	49	.36	.017	7	48	.94	167	.21	6	2.73	.03	.57	2	1
L9900N 4962.5E	1	36	7	148	.1	12	5	1106	1.43	10	6	ND	1	37	1	2	2	23	.62	.084	3	26	.35	236	.07	6	1.07	.01	.21	1	2
L9900N 4975E	1	47	9	87	.1	23	10	773	3.19	9	5	ND	3	32	1	2	2	47	.43	.017	8	38	.69	212	.17	7	2.32	.03	.43	1	1
L9900N 4987.5E	1	19	7	88	.1	12	5	586	1.73	2	5	ND	2	28	1	2	2	28	.38	.066	4	17	.28	202	.09	5	1.48	.03	.16	1	2
L9900N 5000E	1	31	8	76	.2	17	8	627	2.34	5	7	ND	2	34	1	2	3	37	.42	.025	6	30	.49	160	.13	7	1.80	.02	.34	1	7
L9900N 5012.5E	1	45	6	76	.2	24	10	670	2.85	10	5	ND	2	39	1	3	2	41	.59	.030	8	45	.66	174	.14	6	2.01	.02	.36	1	1
L9900N 5025E	1	36	7	70	.3	19	9	647	2.55	4	6	ND	3	39	1	2	2	40	.44	.021	8	37	.54	172	.14	7	1.87	.02	.33	1	1
STD C/AU-S	18	58	37	127	7.2	67	28	938	3.92	39	19	7	33	47	18	16	23	57	.48	.088	38	57	.88	173	.08	36	1.70	.06	.13	13	46

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
L10050N 4900E	1	78	19	261	1.0	23	11	543	3.37	40	7	ND	2	36	2	2	3	55	.64	.028	7	36	.74	105	.12	6	1.60	.02	.33	1	93
L10050N 4912.5E	1	44	10	81	.1	20	10	827	3.09	13	5	ND	4	36	1	5	3	53	.42	.014	8	34	.58	176	.15	7	1.96	.02	.30	2	3
L10050N 4925E	1	42	8	100	.1	18	9	821	2.92	14	5	ND	2	37	1	4	3	46	.45	.015	7	29	.55	186	.13	8	1.89	.02	.33	1	4
L10050N 4937.5E	1	50	12	92	.2	21	11	766	3.43	17	5	ND	2	38	1	3	3	53	.51	.018	8	39	.68	176	.15	7	2.11	.02	.38	1	1
L10050N 4950E	1	44	13	70	.2	20	9	459	3.15	19	5	ND	2	38	1	3	3	50	.46	.020	8	35	.62	159	.15	8	2.12	.03	.32	1	1
L10050N 4962.5E	1	56	11	78	.1	24	11	644	3.25	15	5	ND	2	44	1	3	2	53	.54	.035	9	43	.68	194	.15	8	2.05	.03	.33	1	1
L10050N 4975E	1	32	12	68	.1	18	9	553	2.79	17	5	ND	2	35	1	3	2	45	.40	.021	7	38	.55	169	.15	6	2.10	.03	.19	1	1
L10050N 4987.5E	1	36	14	78	.3	19	9	839	2.55	15	5	ND	1	36	1	4	2	39	.47	.024	7	37	.51	192	.12	7	1.71	.02	.28	2	1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
92404 <i>Rock</i>	1	33	70	79	.4	8	12	895	3.24	38	5	ND	4	107	1	2	2	34	7.49	.046	2	7	2.40	250	.01	13	.19	.01	.11	1	36
92405	1	47	21	274	1.8	12	16	1125	4.16	64	5	ND	4	117	4	2	4	33	8.84	.056	2	5	2.36	95	.01	5	.22	.01	.16	1	69
92406	1	51	17	76	.1	22	13	976	4.18	10	5	ND	5	189	1	4	2	124	14.67	.067	3	81	3.15	32	.01	4	.35	.01	.05	4	1
92407	1	161	3051	799	145.4	17	6	732	1.90	231	5	ND	2	50	13	84	2	7	1.87	.025	2	11	.74	8	.01	5	.08	.01	.06	1	1420
92408	1	55	43	163	4.6	32	13	1167	4.17	312	5	ND	5	187	2	8	2	61	15.35	.029	2	15	4.59	255	.01	2	.17	.01	.08	1	295
92409	1	31	13	27	.5	13	6	518	2.43	6	5	ND	4	89	1	2	2	81	9.63	.074	2	58	.67	646	.08	4	.62	.01	.04	1	7
92410	9	801	19107	10848	350.6	5	6	568	3.03	359	5	5	12	34	172	731	7	12	1.55	.040	2	2	.48	27	.01	10	.11	.01	.08	1	4590
92411	1	161	39	131	4.3	18	15	994	4.54	44	5	ND	5	206	2	34	2	64	10.34	.134	2	16	2.40	136	.01	11	.37	.01	.23	1	65
92412	2	181	2313	4598	7.2	12	12	1000	3.95	60	8	ND	6	152	112	7	2	44	9.64	.062	2	5	2.72	122	.01	11	.26	.01	.14	1	185
92413	1	68	19	137	1.9	19	16	1051	4.71	250	6	ND	5	199	2	11	2	41	11.49	.085	2	15	3.78	180	.01	4	.30	.01	.19	1	245
92414	1	58	56	156	.7	27	19	1540	4.60	75	5	ND	5	215	2	2	2	88	12.44	.050	2	14	4.10	72	.01	2	.26	.01	.09	1	175
STD C/AU-R	18	57	37	130	6.8	62	27	978	3.87	42	18	8	32	46	17	18	22	60	.47	.089	34	57	.91	172	.08	33	1.70	.06	.14	13	505

✓ ASSAY REQUIRED FOR CORRECT RESULT -

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AS 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
92401	1	49	2	36	.5	7	8	1629	3.64	88	7	ND	1	211	1	9	2	26	12.24	.051	3	10	3.19	295	.01	2	.16	.05	.10	3	25
92402	1	83	3	49	.2	28	21	867	4.75	36	7	ND	1	180	1	19	3	51	7.13	.074	2	73	3.32	135	.01	3	.67	.05	.13	2	1
93751	1	12	4	48	.1	8	12	877	2.92	2	5	ND	1	159	1	2	2	68	9.29	.044	2	4	2.80	74	.01	2	.14	.04	.03	2	1
93752	1	22	15	96	.1	16	16	1050	3.88	3	6	ND	1	268	1	2	4	106	16.11	.046	2	5	5.58	25	.01	2	.19	.04	.04	1	1
93753	5	153	27	134	7.4	12	12	1293	4.48	60	6	ND	1	204	1	50	2	44	13.28	.089	2	8	2.63	44	.01	4	.20	.05	.12	26	33
93754	1	67	5	56	.2	15	13	875	4.08	2	5	ND	1	172	1	2	2	131	9.98	.105	3	12	3.02	316	.02	2	.31	.04	.06	3	1
93755	1	35	9	55	.3	23	8	1156	3.48	5	5	ND	1	247	1	2	5	68	19.23	.032	2	8	5.55	51	.01	2	.15	.04	.01	3	1
93756	3	74	601	3202	27.0	8	8	1649	3.02	849	5	ND	1	113	37	48	2	16	6.08	.040	2	8	1.66	94	.01	2	.10	.03	.06	1	695
93757	1	53	7	39	2.0	15	16	830	3.99	255	6	ND	1	142	1	23	2	23	7.42	.083	2	11	1.63	33	.01	3	.27	.04	.20	3	315
93758	1	139	6	52	1.6	13	11	1178	4.03	109	5	ND	1	164	1	5	2	27	10.72	.069	2	9	2.76	21	.01	2	.29	.05	.17	1	78
93759	1	60	163	106	6.0	16	13	817	3.43	189	5	ND	1	133	2	16	2	32	10.31	.054	2	4	3.32	134	.01	2	.17	.04	.10	1	295
93760	1	118	276	669	25.4	21	18	1439	4.67	700	5	ND	1	162	10	41	2	57	10.60	.065	2	8	3.38	73	.01	2	.26	.04	.12	1	825
93761	2	117	12	87	4.2	13	19	1352	5.21	634	5	ND	1	115	1	25	2	36	7.33	.108	2	7	2.15	18	.01	2	.31	.04	.17	1	245
93762	2	73	41	334	2.9	16	10	1058	3.85	194	5	ND	1	215	4	14	4	48	17.39	.041	2	5	4.52	70	.01	2	.22	.04	.09	1	75
93763	1	104	65	111	14.6	14	19	2070	5.12	943	5	ND	1	115	1	21	2	44	5.95	.125	2	17	2.01	36	.01	2	.50	.03	.23	1	495
93764	1	121	12	80	7.9	15	13	1359	4.11	375	5	ND	1	160	1	20	2	32	7.06	.128	3	29	2.28	61	.01	2	.36	.04	.19	1	595
93765	1	98	2	54	.1	25	15	785	3.80	18	7	ND	1	198	1	10	2	53	8.56	.081	3	44	2.54	498	.02	2	.65	.05	.24	1	14
93766	1	76	99	216	9.3	22	18	1082	4.83	413	5	ND	1	94	3	29	2	44	7.37	.049	2	17	2.36	29	.01	2	.76	.04	.17	1	325
93767	1	77	36	106	13.5	18	18	2032	4.57	970	5	ND	1	117	2	38	2	19	7.79	.080	2	9	2.05	22	.01	2	.29	.04	.22	1	425
93768	1	3	3	14	.1	5	4	873	1.12	4	5	ND	1	199	1	2	3	25	24.58	.021	2	10	.54	13	.01	2	.53	.03	.01	2	15
93769	1	80	4	60	2.9	11	18	1108	5.43	200	7	ND	1	190	1	41	2	36	7.88	.102	3	8	2.09	61	.01	7	.39	.04	.25	4	55
93770	1	26	5	52	3.0	22	16	1444	4.34	518	5	ND	1	231	1	17	2	45	11.22	.043	2	19	3.62	32	.01	2	.10	.05	.10	2	190
93771	1	30	24	39	14.0	15	10	1798	3.22	413	5	ND	1	188	1	20	2	22	8.34	.044	2	31	2.78	11	.01	2	.14	.04	.10	3	245
93772	1	53	22	58	.9	11	12	1585	4.03	2920	5	ND	1	136	1	53	2	52	8.94	.112	2	20	2.09	54	.01	15	.36	.05	.19	1	615
93773	1	141	956	360	10.2	6	7	1069	2.14	3461	5	2	1	69	2	667	2	31	4.75	.031	2	2	1.60	15	.01	5	.10	.03	.07	1	1560
93774	1	26	12	104	.6	6	4	552	2.19	3700	5	3	1	47	1	48	2	13	3.59	.032	2	9	.85	41	.01	3	.09	.02	.08	1	3850
93775	2	33	4	56	.2	14	17	1351	4.30	20	5	ND	1	197	1	2	3	98	14.45	.022	2	11	4.77	23	.01	2	.15	.05	.03	2	9
STD C/AU-R	20	59	35	132	6.8	67	28	1001	3.99	42	16	7	34	48	17	17	20	63	.43	.100	36	55	.91	180	.08	34	1.73	.07	.12	12	510

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: JULY 16 1987 DATE REPORT MAILED: *July 22 / 87* ASSAYER... *D. Toy*... DEAN TOYE, CERTIFIED B.C. ASSAYER

NORANDA EXPLORATION (VAN) PROJECT-8707-084/169 File # 87-2488 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L11950N 4875E	1	35	2	56	.1	20	11	559	2.70	22	5	ND	1	63	1	2	2	44	.35	.018	7	64	.68	142	.15	16	1.87	.03	.27	1	1
L11950N 4887.5E	1	30	2	98	.1	20	8	1009	2.50	21	5	ND	2	41	1	2	2	38	.36	.033	7	46	.55	196	.13	14	1.90	.03	.35	1	2
L11950N 4900E	1	42	3	65	.1	22	11	663	3.22	23	5	ND	2	43	1	2	2	53	.46	.027	8	47	.84	178	.17	9	2.19	.03	.28	1	1
L11950N 4912.5E	1	120	14	85	2.5	111	28	1345	5.05	1979	5	2	1	84	1	25	2	40	1.43	.081	4	213	1.62	164	.07	15	2.04	.01	.48	1	2930
L11950N 4925E	1	85	4	72	.2	67	18	962	3.60	82	5	ND	2	55	1	3	2	43	.56	.021	7	173	1.33	221	.13	13	2.68	.02	.39	1	51
L11950N 4937.5E	1	36	2	49	.1	22	11	370	2.68	37	5	ND	2	47	1	4	2	45	.30	.015	7	67	.78	103	.14	11	1.79	.03	.23	2	7
L11950N 4950E	1	46	2	50	.3	25	9	378	2.00	67	5	ND	1	702	1	43	2	30	3.40	.043	6	45	1.27	134	.07	76	1.37	.04	.34	1	28
L11950N 4975E	1	51	2	47	.2	13	5	309	1.58	48	5	ND	1	1937	1	3	2	33	8.77	.066	7	25	3.31	150	.08	51	1.41	.07	.30	1	4
L11950N 4987.5E	1	46	5	49	.1	23	10	470	2.63	3	5	ND	2	122	1	2	2	38	.54	.013	9	48	.98	163	.14	12	1.98	.04	.39	1	1
L11950N 5012.5E	1	76	4	83	.1	52	17	696	3.34	23	5	ND	2	55	1	2	2	45	.48	.047	6	206	1.54	240	.11	8	2.98	.03	.31	1	1
L11950N 5025E	1	66	2	64	.1	40	14	504	3.51	43	5	ND	1	59	1	4	2	48	.44	.025	9	96	.91	169	.14	9	2.41	.03	.35	1	22
L11950N 5037.5E	1	48	2	49	.1	26	11	449	2.87	15	5	ND	2	158	1	4	2	42	.45	.013	9	52	.87	119	.15	11	2.11	.04	.37	2	2
L11950N 5050E	1	88	2	67	.1	31	14	671	3.31	13	5	ND	2	67	1	2	2	52	.42	.023	8	85	1.03	174	.17	11	2.45	.03	.38	1	1
L11950N 5062.5E	1	40	2	44	.1	21	8	492	2.43	6	5	ND	2	195	1	2	2	37	.50	.015	8	45	.79	116	.14	18	1.62	.04	.37	1	1
L11950N 5075E	1	34	6	49	.1	21	9	505	2.74	6	5	ND	2	46	1	2	2	47	.45	.023	10	33	.54	131	.16	9	1.71	.05	.34	1	1
L11950N 5087.5E	1	35	2	57	.1	19	9	613	2.67	6	5	ND	1	44	1	2	2	44	.40	.025	10	31	.47	164	.15	8	1.86	.04	.31	1	1
L11950N 5100E	1	35	4	54	.1	18	9	491	2.77	5	5	ND	2	39	1	2	2	47	.46	.025	10	31	.49	131	.16	5	1.80	.04	.43	1	1
L11950N 5112.5E	1	35	8	61	.1	24	10	646	2.88	8	5	ND	2	37	1	2	2	47	.44	.024	10	35	.52	144	.16	8	1.78	.04	.34	1	1
L11950N 5125E	1	35	6	55	.2	25	10	708	2.83	6	5	ND	2	37	1	2	2	50	.45	.022	10	35	.54	142	.16	5	1.58	.03	.35	1	1
L11950N 5137.5E	1	41	4	59	.1	23	10	627	2.90	9	5	ND	2	41	1	2	2	48	.44	.019	10	36	.52	141	.16	4	1.70	.04	.35	1	1
L11950N 5150E	1	26	4	46	.1	14	8	516	2.35	3	5	ND	2	37	1	2	2	39	.39	.020	8	26	.43	149	.14	4	1.76	.04	.32	1	1
L11950N 5162.5E	1	27	6	53	.1	18	9	563	2.54	5	5	ND	2	40	1	2	2	45	.45	.027	9	31	.44	146	.15	8	1.73	.03	.34	1	1
L11950N 5175E	1	33	2	55	.1	20	9	546	2.55	7	5	ND	2	39	1	2	2	47	.43	.033	9	33	.43	150	.15	5	1.70	.03	.32	1	3
L11950N 5187.5E	1	34	10	50	.1	20	9	524	2.65	6	5	ND	2	39	1	2	2	48	.41	.027	10	33	.46	152	.16	3	1.87	.04	.32	1	1
L11950N 5200E	1	37	5	51	.1	18	9	585	2.49	5	5	ND	2	45	1	2	2	45	.53	.034	9	31	.45	147	.14	7	1.73	.04	.31	1	1
L11950N 5212.5E	1	45	8	53	.1	23	10	602	2.55	7	5	ND	2	54	1	2	2	48	.68	.054	10	34	.54	144	.13	7	1.61	.04	.33	1	2
L11950N 5225E	1	34	5	46	.1	18	9	511	2.43	4	5	ND	2	53	1	2	2	44	.51	.046	9	30	.49	105	.13	8	1.61	.04	.35	1	2
L11925N 4875E	1	64	10	132	.1	79	20	1518	4.08	78	5	ND	2	60	1	2	2	52	.49	.030	9	307	1.80	326	.14	10	2.90	.02	.71	2	6
L11925N 4887.5E	1	35	8	94	.1	34	11	398	2.73	59	5	ND	1	50	1	2	2	39	.32	.018	7	103	.80	109	.13	5	1.92	.03	.29	1	8
L11925N 4900E	1	35	4	50	.1	22	10	519	2.93	34	5	ND	2	46	1	2	2	52	.38	.021	8	43	.62	118	.16	7	1.81	.03	.39	1	1
L11925N 4912.5E	1	49	9	66	.1	27	11	654	3.12	30	5	ND	2	58	1	2	3	52	.50	.027	10	45	.68	171	.15	8	1.82	.03	.43	1	2
L11925N 4925E	1	45	9	104	.1	26	11	946	2.79	41	5	ND	2	73	1	2	2	42	.49	.045	7	58	.72	224	.14	8	1.92	.03	.39	1	2
L11925N 4937.5E	1	49	7	50	.1	25	9	592	2.12	47	5	ND	1	481	1	10	2	32	3.47	.056	7	49	1.16	162	.09	38	1.56	.04	.34	1	1
L11925N 4950E	1	38	2	50	.1	34	11	416	2.74	57	5	ND	2	120	1	8	2	38	.53	.021	5	82	.80	86	.12	20	1.87	.03	.31	1	1
L11925N 4962.5E	1	292	9	54	.3	28	4	181	1.21	49	5	ND	1	906	1	20	2	29	8.50	.108	4	31	.71	200	.04	42	.86	.05	.17	1	1
L11925N 4975E	1	29	2	52	.1	35	11	334	2.44	18	5	ND	1	65	1	2	2	39	.34	.021	3	134	.90	107	.13	11	1.96	.02	.19	1	1
STD C/AU-S	18	57	42	125	7.3	67	29	950	3.91	36	18	8	35	50	17	17	21	55	.47	.083	39	56	.86	181	.09	37	1.83	.07	.15	13	48



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
L11925N 4987.5E	1	55	5	73	.1	40	14	685	3.18	15	5	ND	2	44	1	2	2	43	.38	.029	6	147	1.13	172	.15	4	2.98	.03	.33	1	1
L11925N 5012.5E	1	49	12	73	.1	38	13	753	3.16	44	5	ND	2	46	1	2	2	44	.41	.029	8	108	.92	197	.14	7	2.73	.03	.31	1	1
L11925N 5025E	1	66	14	137	.2	49	15	1370	3.09	78	5	ND	1	74	1	2	2	37	.59	.062	6	143	.96	290	.11	9	2.46	.02	.38	1	13
L11925N 5037.5E	1	57	5	60	.1	50	16	761	3.31	45	5	ND	1	68	1	2	4	44	.49	.026	7	145	1.02	155	.12	7	2.43	.02	.36	1	1
L11925N 5050E	1	43	5	49	.1	28	12	658	2.61	16	5	ND	1	208	1	2	2	36	.48	.023	7	100	1.10	106	.12	8	2.20	.04	.24	1	1
L11925N 5062.5E	1	55	7	42	.1	18	7	399	1.99	10	7	ND	1	576	1	2	2	33	1.90	.041	7	45	1.25	103	.09	24	1.50	.06	.26	1	1
L11925N 5075E	1	24	3	40	.1	15	9	445	2.45	6	5	ND	1	50	1	2	2	43	.37	.021	8	30	.50	113	.15	2	1.57	.04	.23	1	2
L11925N 5087.5E	1	39	4	55	.1	20	9	491	2.87	9	5	ND	2	41	1	2	2	47	.40	.036	10	33	.50	156	.15	7	1.91	.04	.30	1	1
L11925N 5100E	1	33	6	56	.1	19	9	568	2.72	7	5	ND	1	38	1	2	2	46	.39	.027	10	31	.47	121	.15	2	1.75	.03	.30	1	1
L11925N 5112.5E	1	30	5	49	.1	20	9	510	2.67	7	5	ND	2	35	1	5	2	44	.43	.026	9	30	.46	127	.15	2	1.84	.04	.25	1	1
L11925N 5125E	1	33	6	58	.1	21	9	545	2.81	6	5	ND	1	35	1	2	2	48	.44	.029	10	33	.53	128	.15	3	1.67	.04	.31	1	1
L11925N 5137.5E	1	39	12	59	.1	21	10	673	2.87	7	5	ND	2	40	1	2	3	45	.44	.024	10	31	.52	160	.15	4	1.85	.04	.34	1	3
L11925N 5150E	1	24	8	45	.1	15	8	542	2.37	6	5	ND	1	37	1	2	2	38	.37	.025	8	27	.45	141	.13	4	1.71	.03	.33	1	1
L11925N 5162.5E	1	31	7	58	.1	21	9	612	2.49	7	5	ND	1	41	1	2	2	42	.48	.037	10	29	.43	153	.14	5	1.77	.04	.28	1	5
L11925N 5175E	1	30	8	51	.1	17	8	561	2.47	6	5	ND	2	39	1	2	2	43	.44	.034	9	31	.41	145	.14	2	1.70	.03	.26	1	1
L11925N 5187.5E	1	30	5	50	.1	18	8	513	2.45	5	5	ND	1	39	1	2	2	44	.46	.038	9	32	.40	135	.14	2	1.60	.03	.26	1	1
L11925N 5200E	1	33	2	48	.1	21	8	533	2.50	6	5	ND	1	40	1	2	2	45	.45	.040	10	33	.43	135	.14	2	1.60	.04	.28	1	1
L11925N 5212.5E	1	31	6	51	.1	16	8	593	2.40	5	5	ND	1	42	1	2	2	43	.43	.040	9	30	.41	134	.13	3	1.63	.03	.27	1	1
L11925N 5225E	1	35	7	47	.1	20	9	564	2.48	10	6	ND	2	47	1	2	2	44	.51	.045	9	32	.46	125	.13	2	1.66	.04	.28	2	7
L11900N 4875E	1	39	10	117	.1	56	16	735	3.67	70	5	ND	1	69	1	2	2	55	.45	.035	12	258	1.51	246	.15	10	2.65	.03	.45	1	1
L11900N 4887.5E	1	74	18	157	.3	68	17	544	3.86	141	5	ND	1	80	1	3	2	49	.72	.061	9	240	1.81	193	.13	14	2.80	.02	.40	1	64
L11900N 4912.5E	1	36	6	56	.1	18	9	783	2.34	50	5	ND	1	82	1	2	3	39	.60	.024	7	47	.58	142	.12	9	1.35	.03	.30	1	2
L11900N 4937.5E	1	41	6	68	.1	39	12	388	2.59	69	5	ND	1	57	1	2	2	37	.38	.050	5	143	.94	167	.13	6	2.28	.02	.19	1	1
L11900N 4962.5E	1	51	2	64	.1	79	16	650	3.71	46	5	ND	1	46	1	5	2	42	.51	.036	6	322	1.50	167	.11	7	2.79	.02	.40	1	4
L11900N 4987.5E	1	60	7	43	.1	18	6	328	1.81	26	5	ND	1	268	1	8	2	29	1.52	.035	6	45	.95	94	.08	22	1.37	.04	.23	1	4
L11900N 5012.5E	1	31	7	79	.1	53	13	684	2.66	67	5	ND	1	85	1	2	2	35	.32	.027	5	201	1.09	105	.11	7	2.45	.03	.22	1	4
L11900N 5037.5E	1	71	11	78	.1	42	15	611	3.16	73	5	ND	1	104	1	2	3	41	.52	.042	7	118	.96	134	.12	16	2.15	.03	.50	1	13
L11900N 5062.5E	1	92	6	47	.3	15	6	378	1.50	53	5	ND	1	1061	1	4	2	26	4.71	.058	6	37	2.87	107	.06	33	1.37	.05	.18	1	1
L11900N 5087.5E	1	29	4	50	.1	17	9	504	2.60	4	5	ND	2	44	1	2	2	44	.36	.028	8	29	.48	158	.15	2	1.76	.04	.26	1	1
L11900N 5112.5E	1	28	3	57	.1	18	9	657	2.48	7	5	ND	2	38	1	2	3	42	.44	.020	9	30	.45	122	.14	2	1.47	.03	.27	1	1
L11900N 5137.5E	1	31	2	55	.1	19	9	664	2.69	10	5	ND	2	40	1	2	2	46	.47	.025	10	33	.49	140	.15	2	1.51	.03	.30	1	1
L11900N 5162.5E	1	29	8	46	.1	17	7	528	2.39	5	5	ND	1	37	1	2	3	42	.42	.031	9	30	.40	137	.14	2	1.60	.03	.26	1	1
L11900N 5187.5E	1	41	8	46	.1	21	8	452	2.54	9	5	ND	2	40	1	2	2	47	.48	.049	10	33	.44	127	.14	4	1.49	.04	.26	2	1
L11900N 5212.5E	1	33	8	43	.1	21	8	484	2.46	9	5	ND	2	39	1	2	2	45	.44	.044	10	32	.43	123	.13	2	1.54	.04	.27	1	2
L11875N 4875E	1	88	3	69	.3	72	16	484	3.34	26	5	ND	1	78	1	2	2	48	.67	.042	12	308	1.60	166	.15	8	2.45	.02	.30	1	1
L11875N 4887.5E	1	38	11	68	.1	19	8	504	2.31	37	8	ND	1	81	1	2	2	37	.39	.022	6	50	.61	117	.12	10	1.90	.03	.27	1	1
STD C/AU-S	18	55	39	124	7.3	65	29	932	3.90	38	21	8	34	49	16	14	22	54	.47	.087	38	55	.86	178	.09	31	1.82	.07	.14	15	49

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
L11875N 4900E	1	28	13	74	.3	28	10	362	2.64	34	5	ND	1	50	1	2	3	43	.32	.031	5	84	.71	147	.16	7	2.12	.03	.24	1	2
L11875N 4912.5E	1	41	8	64	.1	44	12	445	2.56	20	5	ND	1	47	1	2	2	35	.40	.035	4	209	1.07	150	.14	11	2.08	.02	.18	1	1
L11875N 4925E	1	42	13	76	.2	27	10	631	2.56	35	5	ND	2	46	1	2	2	38	.40	.076	5	105	.76	234	.14	7	2.33	.02	.26	2	1
L11875N 4937.5E	1	53	9	95	.1	56	13	1001	3.00	56	5	ND	1	47	1	2	2	38	.51	.047	7	193	1.03	294	.12	11	2.33	.02	.46	1	7
L11875N 4950E	1	47	13	111	.1	25	11	833	2.88	70	5	ND	1	53	1	2	2	43	.51	.112	7	60	.58	297	.12	8	2.36	.03	.31	1	6
L11875N 4962.5E	1	60	16	64	.1	27	13	390	3.60	20	5	ND	3	43	1	2	2	62	.53	.059	12	100	.93	205	.19	6	2.83	.02	.59	1	3
L11875N 4975E	1	32	8	72	.1	22	9	662	2.84	12	5	ND	2	39	1	2	2	46	.37	.025	8	42	.55	180	.16	5	2.19	.03	.35	1	1
L11875N 4987.5E	1	36	10	79	.1	20	9	699	2.70	8	5	ND	1	40	1	3	2	43	.40	.024	7	50	.56	237	.15	9	1.94	.03	.36	1	3
L11875N 5012.5E	1	40	9	63	.1	37	11	449	2.82	31	5	ND	1	40	1	2	3	43	.39	.038	6	129	.90	180	.15	5	2.52	.03	.23	1	2
L11875N 5025E	1	104	20	155	.2	75	22	686	4.47	168	5	ND	2	48	1	4	2	55	.58	.040	6	215	1.71	195	.12	11	2.90	.02	.55	1	125
L11875N 5037.5E	1	86	10	134	.1	66	22	924	3.89	100	5	ND	2	45	1	5	3	45	.41	.024	7	194	1.44	211	.12	11	2.86	.02	.48	1	15
L11875N 5050E	1	63	12	68	.1	41	14	527	2.92	23	5	ND	2	48	1	2	2	41	.35	.041	6	131	.97	134	.13	13	2.33	.02	.47	1	1
L11875N 5062.5E	1	64	8	47	.1	27	8	366	1.64	38	5	ND	1	881	1	2	2	28	5.13	.058	6	59	2.11	119	.07	47	1.32	.10	.28	2	1
L11875N 5075E	1	51	3	34	.1	9	5	318	1.28	16	7	ND	1	1619	1	2	2	25	7.09	.060	5	18	1.97	130	.06	42	1.04	.09	.19	1	1
L11875N 5087.5E	1	31	6	42	.1	19	9	447	2.54	6	5	ND	2	133	1	2	3	44	.74	.021	9	31	.84	107	.15	19	1.59	.05	.33	1	1
L11875N 5100E	1	37	14	60	.1	18	10	644	2.70	7	5	ND	2	65	1	2	2	48	.52	.043	10	33	.50	173	.15	10	1.71	.04	.36	1	1
L11875N 5112.5E	1	39	12	60	.1	19	10	658	2.68	7	5	ND	2	45	1	3	2	48	.48	.033	10	32	.47	146	.15	9	1.65	.04	.32	1	1
L11875N 5125E	1	31	9	47	.1	20	9	529	2.73	5	5	ND	2	41	1	2	2	51	.47	.028	10	34	.49	126	.16	4	1.50	.04	.27	2	6
L11875N 5137.5E	1	43	11	53	.1	27	10	478	3.01	9	5	ND	3	46	1	3	2	55	.54	.042	10	39	.58	123	.17	8	1.63	.04	.36	1	1
L11875N 5150E	1	29	7	48	.1	20	9	543	2.57	7	5	ND	2	42	1	2	2	46	.44	.027	10	33	.52	150	.16	6	1.75	.04	.27	1	1
L11875N 5162.5E	1	30	8	51	.1	18	9	562	2.47	4	5	ND	1	39	1	2	2	46	.44	.033	9	32	.41	140	.15	7	1.63	.04	.26	1	18
L11875N 5175E	1	30	6	48	.1	20	9	519	2.50	8	5	ND	2	42	1	3	2	47	.46	.041	10	33	.43	146	.15	5	1.62	.04	.30	2	1
L11875N 5187.5E	1	30	5	56	.1	17	8	568	2.46	6	5	ND	1	44	1	2	2	46	.48	.057	9	32	.43	139	.14	4	1.61	.04	.33	1	1
L11875N 5200E	1	36	12	52	.1	18	9	559	2.47	8	5	ND	2	45	1	2	2	47	.54	.049	10	33	.43	142	.14	10	1.57	.04	.32	1	1
L11875N 5212.5E	1	36	5	45	.1	20	9	484	2.44	6	5	ND	2	43	1	2	2	47	.46	.040	9	32	.45	126	.14	6	1.51	.04	.34	2	1
L11875N 5225E	1	31	8	45	.1	17	9	586	2.40	4	5	ND	2	45	1	2	2	46	.45	.041	10	32	.42	135	.14	6	1.59	.04	.27	2	1
L11850N 4875E	1	33	6	67	.1	22	11	356	2.84	33	5	ND	1	66	1	2	2	47	.34	.019	9	81	.91	108	.16	13	1.91	.03	.29	1	1
L11850N 4887.5E	1	28	15	76	.2	19	10	385	2.54	83	5	ND	1	54	1	3	2	43	.35	.017	5	58	.67	115	.14	7	1.58	.03	.25	1	8
L11850N 4900E	1	58	7	224	.2	24	12	1618	2.64	42	5	ND	1	102	1	2	2	38	.66	.164	6	80	.80	511	.12	12	2.05	.03	.38	1	1
L11850N 4912.5E	1	41	13	98	.1	22	12	549	2.82	22	5	ND	1	36	1	2	2	47	.31	.049	5	56	.60	189	.15	4	2.50	.03	.16	1	1
L11850N 4925E	1	41	4	70	.1	22	14	851	3.11	15	5	ND	2	49	1	2	2	48	.40	.030	9	64	.77	211	.17	9	2.29	.03	.48	1	1
L11850N 4937.5E	1	54	7	88	.1	24	13	658	3.47	39	5	ND	2	38	1	2	2	50	.43	.022	7	81	.91	182	.17	5	2.78	.02	.30	2	4
L11850N 4950E	1	28	13	59	.1	21	10	512	2.65	25	5	ND	2	37	1	2	2	38	.39	.021	6	59	.63	145	.15	8	2.18	.03	.30	1	3
L11850N 4962.5E	1	38	6	58	.1	16	10	283	2.94	11	5	ND	2	45	1	2	2	50	.47	.026	8	38	.66	145	.18	4	2.26	.03	.28	1	1
L11850N 4975E	1	47	9	79	.1	20	13	544	3.13	11	5	ND	3	39	1	2	2	47	.46	.033	8	54	.73	213	.18	6	2.47	.03	.47	1	1
L11850N 4987.5E	1	83	42	72	.4	59	22	698	3.93	135	5	ND	3	31	1	16	2	55	.45	.036	6	284	1.68	272	.17	10	2.80	.02	1.10	1	18
STD C/AU-S	18	57	42	126	7.4	69	29	958	3.85	41	21	8	35	50	17	16	21	57	.46	.089	39	56	.85	183	.09	37	1.80	.07	.14	14	49

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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	AU# PPB
L11850N 5012.5E	1	38	2	66	.1	25	10	881	2.50	12	5	ND	1	32	1	2	2	32	.36	.017	6	98	.70	203	.13	7	2.07	.02	.36	1	3
L11850N 5025E	1	54	8	72	.1	40	13	712	3.28	76	5	ND	2	38	1	4	2	43	.57	.028	6	76	.79	169	.12	10	2.18	.03	.38	1	123
L11850N 5037.5E	1	35	9	86	.1	27	10	682	2.58	24	5	ND	1	37	1	2	2	35	.34	.026	5	88	.72	200	.13	5	2.30	.02	.30	1	2
L11850N 5050E	1	66	8	84	.1	64	14	862	3.03	23	5	ND	1	77	1	2	2	38	.65	.038	8	227	1.26	266	.15	8	2.82	.03	.32	1	1
L11850N 5062.5E	1	67	3	55	.1	88	18	484	3.74	20	5	ND	1	59	1	2	2	46	.46	.015	6	286	1.61	104	.13	13	2.81	.02	.45	1	2
L11850N 5075E	1	66	2	41	.1	15	4	327	1.04	45	5	ND	1	1158	1	3	2	18	9.64	.083	4	31	1.81	126	.04	51	.93	.07	.15	1	2
L11850N 5087.5E	1	33	5	41	.1	17	7	450	2.18	9	5	ND	1	370	1	2	2	34	1.15	.035	8	26	1.66	100	.11	48	1.48	.11	.38	1	1
L11850N 5100E	1	28	2	75	.1	14	8	656	2.51	5	5	ND	1	46	1	2	2	40	.41	.040	8	27	.44	137	.14	12	1.83	.03	.35	1	1
L11850N 5112.5E	1	30	6	42	.1	16	9	543	2.62	8	5	ND	1	41	1	2	2	43	.34	.016	9	29	.47	128	.15	2	1.70	.04	.29	1	1
L11850N 5125E	1	22	6	46	.1	15	7	589	2.45	7	5	ND	1	33	1	2	2	41	.37	.021	8	29	.41	115	.14	5	1.46	.03	.25	1	1
L11850N 5137.5E	1	36	2	49	.1	24	9	554	2.86	6	5	ND	2	40	1	2	2	49	.48	.026	10	36	.56	132	.16	5	1.52	.04	.30	2	1
L11850N 5150E	1	29	2	45	.1	21	8	589	2.63	4	5	ND	1	42	1	2	2	43	.44	.026	9	31	.50	131	.14	4	1.57	.04	.34	1	1
L11850N 5162.5E	1	30	4	49	.1	19	9	593	2.59	5	5	ND	1	39	1	2	2	45	.44	.031	9	32	.44	144	.15	2	1.68	.04	.26	1	1
L11850N 5175E	1	38	4	42	.1	22	8	477	2.57	7	5	ND	1	47	1	2	2	49	.62	.051	9	34	.48	136	.15	5	1.40	.05	.25	1	3
L11850N 5187.5E	1	37	5	45	.1	20	8	438	2.61	7	5	ND	1	42	1	2	2	48	.49	.050	9	34	.44	127	.15	5	1.52	.04	.29	1	1
L11850N 5200E	1	37	4	49	.1	20	8	496	2.55	8	5	ND	1	40	1	2	2	46	.47	.039	9	30	.44	131	.15	5	1.66	.04	.27	1	1
L11850N 5212.5E	1	38	6	44	.1	18	8	466	2.54	8	5	ND	1	41	1	2	2	47	.47	.043	9	32	.46	135	.15	3	1.61	.04	.27	1	1
L11850N 5225E	1	33	2	48	.1	18	8	550	2.47	6	5	ND	1	46	1	2	2	44	.50	.044	10	31	.43	142	.14	4	1.63	.04	.29	1	1
L11825N 4875E	1	204	3	46	.3	21	6	189	2.05	23	5	ND	1	182	1	2	2	33	1.51	.023	10	50	.78	144	.10	15	1.65	.04	.26	1	14
L11825N 4887.5E	1	34	21	102	.3	18	10	652	2.83	118	5	ND	1	44	1	8	2	40	.37	.018	7	49	.58	129	.14	5	1.75	.03	.32	1	39
L11825N 4900E	1	50	7	157	.1	20	10	1092	2.65	42	5	ND	1	50	1	2	2	32	.56	.057	5	60	.60	338	.12	7	1.99	.02	.50	1	2
L11825N 4912.5E	1	46	2	59	.1	21	13	380	3.22	20	5	ND	1	39	1	2	2	50	.41	.021	8	50	.67	146	.18	5	2.44	.03	.29	1	1
L11825N 4925E	1	50	6	72	.1	22	13	559	3.20	17	5	ND	1	38	1	2	2	44	.48	.033	7	63	.74	176	.17	7	3.00	.03	.37	1	1
L11825N 4937.5E	1	51	2	60	.1	29	13	422	3.19	9	5	ND	1	38	1	2	2	43	.42	.027	7	85	.94	169	.18	3	2.83	.03	.38	1	1
L11825N 4950E	1	44	2	56	.2	27	12	545	2.73	10	5	ND	1	32	1	2	2	38	.36	.017	6	109	.86	202	.16	9	2.47	.03	.37	1	1
STD C/AU-S	19	62	38	127	7.2	71	30	967	4.03	38	20	8	35	49	18	17	22	55	.47	.088	40	56	.88	176	.09	35	1.88	.07	.14	13	48
L11825N 4962.5E	1	70	5	62	.1	35	17	431	3.95	18	5	ND	2	47	1	2	2	59	.70	.039	9	199	1.71	211	.20	3	2.65	.03	.41	1	7
L11825N 4925E	1	26	2	50	.1	23	10	493	2.71	7	5	ND	1	35	1	2	2	41	.35	.017	9	47	.58	139	.16	2	2.13	.03	.32	1	1
L11825N 4987.5E	1	40	4	69	.1	24	11	866	3.01	20	5	ND	1	33	1	2	2	45	.41	.018	8	64	.67	194	.15	6	1.87	.03	.41	1	10
L11825N 5012.5E	1	46	7	91	.1	31	12	1149	2.89	11	5	ND	1	39	1	2	2	42	.46	.020	8	88	.77	278	.15	9	2.03	.03	.42	1	2
L11825N 5025E	1	47	2	74	.1	29	11	426	2.99	20	5	ND	1	34	1	2	2	43	.36	.036	8	84	.77	175	.16	7	2.58	.03	.39	1	2
L11825N 5037.5E	1	54	4	64	.1	47	14	531	2.94	18	5	ND	2	36	1	2	2	43	.41	.023	8	166	1.14	160	.16	3	2.25	.02	.39	1	2
L11825N 5050E	1	37	2	103	.1	35	10	1097	2.48	22	5	ND	1	44	1	2	2	37	.38	.045	6	110	.74	238	.12	10	2.02	.03	.27	1	1
L11825N 5062.5E	1	51	16	74	.1	60	14	1060	3.05	57	5	ND	1	66	1	12	2	39	.54	.022	7	182	1.01	202	.12	5	2.32	.02	.38	1	28
L11825N 5075E	1	38	2	42	.1	38	12	362	2.74	27	5	ND	1	61	1	3	2	39	.33	.010	6	119	.91	79	.13	9	1.78	.03	.29	1	6
L11825N 5087.5E	1	44	2	44	.2	18	5	351	1.32	33	5	ND	1	1094	1	2	2	21	6.97	.071	4	38	1.95	130	.04	38	1.04	.06	.22	1	6
L11825N 5100E	1	37	2	41	.1	15	6	465	2.14	8	5	ND	1	463	1	2	2	35	1.45	.043	8	25	1.85	103	.10	38	1.49	.07	.36	1	2

NORANDA EXPLORATION (VANCOUVER) PROJECT - 8707-084 169 FILE # 87-2488

SAMPLE#	NO 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
L11825N 5112.5E	1	31	5	45	.1	18	9	579	2.59	9	5	ND	2	46	1	2	2	45	.36	.022	9	31	.47	137	.15	4	1.72	.04	.33	1	3
L11825N 5125E	1	38	2	51	.1	19	8	473	2.76	8	5	ND	2	40	1	2	2	46	.40	.034	10	34	.48	124	.15	6	1.91	.04	.32	1	2
L11825N 5137.5E	1	32	7	44	.1	19	7	450	2.52	9	5	ND	2	38	1	2	2	48	.45	.037	9	34	.42	108	.15	4	1.30	.04	.24	2	6
L11825N 5150E	1	42	2	52	.1	23	9	537	2.75	7	5	ND	2	43	1	2	2	49	.51	.035	10	34	.54	132	.15	6	1.58	.04	.35	1	1
L11825N 5162.5E	1	31	2	51	.1	19	9	541	2.40	4	5	ND	1	46	1	2	2	41	.44	.034	9	28	.49	130	.13	4	1.57	.04	.34	1	1
L11825N 5175E	1	30	4	51	.1	17	7	545	2.33	3	5	ND	2	43	1	2	2	43	.48	.039	9	32	.42	134	.14	2	1.48	.04	.27	1	3
L11825N 5187.5E	1	34	5	43	.1	17	7	449	2.39	7	5	ND	2	43	1	2	2	46	.47	.042	9	35	.42	123	.14	2	1.38	.04	.25	1	2
L11825N 5200E	1	35	2	44	.1	17	7	417	2.52	7	5	ND	2	40	1	2	2	48	.46	.040	9	35	.42	133	.15	3	1.61	.04	.25	1	1
L11825N 5212.5E	1	31	2	44	.1	18	8	454	2.43	5	5	ND	2	41	1	2	2	47	.48	.037	10	36	.41	125	.14	2	1.47	.04	.26	1	1
L11825N 5225E	1	35	3	43	.1	17	8	447	2.44	7	5	ND	2	40	1	2	2	47	.42	.042	10	36	.42	119	.15	2	1.60	.04	.26	1	1
L11800N 4887.5E	1	53	2	52	.1	28	11	571	2.51	13	5	ND	1	74	1	2	2	36	.47	.022	7	116	.98	150	.12	6	1.98	.03	.34	1	1
L11800N 4912.5E	1	60	5	72	.1	40	14	837	2.99	20	5	ND	2	47	1	2	2	46	.50	.023	9	132	.94	227	.15	6	2.12	.02	.44	1	1
L11800N 4937.5E	1	90	3	75	.1	40	17	652	3.26	12	5	ND	1	33	1	2	2	39	.44	.038	6	181	1.58	234	.17	5	2.96	.03	.51	1	2
L11800N 4962.5E	1	60	10	62	.1	53	14	392	3.24	17	5	ND	2	40	1	2	2	47	.49	.045	8	194	1.21	175	.16	4	2.96	.03	.46	1	1
L11800N 4987.5E	1	45	13	64	.1	49	13	514	3.16	9	5	ND	2	38	1	2	3	49	.43	.022	9	215	1.19	188	.17	2	2.79	.03	.30	1	1
L11800N 5012.5E	1	48	8	74	.1	40	13	861	2.96	7	5	ND	2	39	1	2	2	46	.40	.015	9	143	.93	200	.16	5	2.21	.03	.39	1	2
L11800N 5037.5E	1	73	7	66	.1	35	14	755	3.40	50	5	ND	2	46	1	2	2	51	.40	.024	9	88	.96	180	.16	5	2.38	.02	.46	1	8
L11800N 5062.5E	1	42	9	62	.1	26	10	492	2.97	25	5	ND	2	44	1	2	2	47	.35	.020	9	57	.63	162	.16	2	2.29	.03	.31	1	1
L11800N 5087.5E	1	32	4	41	.1	27	9	304	2.51	22	5	ND	2	45	1	2	2	42	.30	.015	7	79	.70	93	.15	3	1.95	.03	.28	1	1
L11800N 5112.5E	1	38	2	44	.1	19	9	459	2.73	21	5	ND	2	57	1	2	2	44	.38	.016	9	42	.59	159	.16	4	2.06	.03	.30	1	1
L11800N 5137.5E	1	38	5	44	.1	21	9	414	2.52	9	5	ND	2	153	1	2	2	45	1.24	.045	11	34	1.58	105	.14	17	1.57	.06	.37	1	2
L11800N 5162.5E	1	33	2	44	.1	20	8	489	2.47	7	5	ND	1	66	1	2	2	44	.67	.038	9	29	.79	110	.13	8	1.39	.09	.34	1	1
L11800N 5187.5E	1	37	2	48	.1	17	9	489	2.56	7	5	ND	2	44	1	2	2	49	.50	.049	10	35	.46	137	.14	4	1.56	.04	.27	1	1
L11800N 5212.5E	1	36	2	40	.1	18	8	421	2.41	7	5	ND	1	45	1	2	2	49	.55	.052	9	34	.41	122	.13	4	1.26	.04	.24	1	1
L11775N 4875E	1	55	2	57	.1	38	12	369	3.00	21	5	ND	2	40	1	2	2	49	.43	.036	8	127	.96	166	.16	5	2.32	.03	.25	1	1
L11775N 4887.5E	1	27	8	50	.1	22	8	365	2.40	12	5	ND	1	32	1	2	2	39	.30	.026	6	68	.60	126	.15	3	2.02	.03	.20	1	1
L11775N 4900E	1	41	3	98	.2	29	10	964	2.38	14	5	ND	2	33	1	2	2	35	.32	.032	5	114	.73	283	.13	2	2.02	.02	.39	1	1
L11775N 4912.5E	1	36	9	60	.1	26	10	521	2.49	20	5	ND	1	33	1	2	2	38	.30	.025	6	73	.64	152	.14	6	2.07	.03	.28	1	1
L11775N 4925E	1	28	3	61	.1	23	8	540	2.39	22	5	ND	1	32	1	2	2	38	.29	.021	7	60	.54	154	.14	5	1.95	.03	.25	1	1
L11775N 4937.5E	1	45	12	63	.1	48	13	505	2.91	27	5	ND	2	36	1	2	2	41	.36	.024	7	188	1.09	195	.16	4	2.75	.03	.26	1	1
L11775N 4950E	1	51	2	54	.1	44	13	336	2.89	21	5	ND	2	32	1	2	2	43	.33	.032	5	185	1.16	119	.16	7	2.66	.03	.25	1	2
L11775N 4962.5E	1	67	7	57	.1	75	17	527	3.24	17	5	ND	2	39	1	2	2	50	.46	.029	8	311	1.66	196	.17	3	3.02	.03	.20	1	1
L11775N 4975E	1	30	8	81	.1	25	8	803	2.34	23	5	ND	1	31	1	2	2	38	.33	.030	5	81	.55	234	.13	8	2.21	.03	.21	1	3
L11775N 4987.5E	1	32	7	59	.1	21	9	605	2.57	12	5	ND	2	40	1	2	2	42	.39	.020	8	51	.57	186	.15	4	1.95	.03	.25	1	1
L11775N 5012.5E	1	44	14	68	.1	24	11	592	3.06	17	5	ND	2	43	1	2	2	48	.41	.023	10	61	.69	174	.17	8	2.40	.03	.42	1	1
L11775N 5025E	1	76	10	87	.1	24	14	970	3.13	29	5	ND	2	61	1	2	2	48	.55	.040	9	66	.78	252	.15	5	2.62	.03	.34	1	2
STD C/AU-S	19	59	39	130	7.1	67	30	989	3.99	43	17	8	36	51	18	16	22	59	.48	.091	41	60	.88	189	.09	36	1.86	.07	.14	12	49

APPENDIX II
ROCK SAMPLE REPORTS

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08W

PROJECT JL/KL CLAIMS (Property Exam)

DATE Sept 5/86

GCI # 52941

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS						Sampled By
				Cu	Pb	Zn	As	Ag	Au	
84826	Rubble pile outside adit. Breccia (altered) with 15% quartz veinlets and minor cavities. Occasional sphalerite and pyrite, trace malachite. The rock is very siliceous.	GRAB		390 ppm	0.16 %	0.55 %	97 ppm	5.96 oz/T	655 ppb	G.S.
84827	Rubble in old ore - shute outside first adit. Altered breccia - as above - siliceous.	GRAB		92 ppm	92 ppm	0.12 %	146 ppm	18.3 ppm	560 ppb	G.S.
84828	Rubble outside of second adit which is ~70m SW of the first adit. Altered breccia. May contain up to 3% finely disseminated pyrite. Siliceous.	GRAB		100 ppm	32 ppm	103 ppm	89 ppm	8.7 ppm	160 ppb	G.S.
84829	Sample taken from ore car. Altered siliceous breccia. Occasional sphalerite and pyrite	GRAB		450 ppm	0.42 %	0.79 %	155 ppm	6.21 oz/T	875 ppb	G.S.
84830	Sample taken from rubble around mill site. Altered siliceous breccia with minor carbonate. Up to 3% sphalerite, 1% pyrite. Mill site is located approx. 100m NE of first adit.	GRAB		0.36 %	0.38 %	1.28 %	109 ppm	20.4 oz/T	0.082 oz/T	G.S.
84831	Sample taken from rubble around a shaft which is located ~200m NE of first adit. Siliceous altered breccia - 1% sphalerite, 1% pyrite	GRAB		520 ppm	0.51 %	1.46 %	50 ppm	6.98 oz/T	660 ppb	G.S.
84832	Sampled from trench located ~800m NE of first adit. Weakly altered Nicola greenstone. Minor quartz veining and occasional pyrite.	GRAB		102 ppm	43 ppm	135 ppm	25 ppm	3.2 ppm	155 ppb	G.S.

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08W

PROJECT ROCHESTER OPTION

DATE May, 1987

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANALYSES						Sampled By
				Cu ppm	Pb ppm	Zn ppm	As ppm	Ag ppm	Au ppb	
92401	BL87-26: L112+50N 50+75E Old pit, silicified andesite, cut by drusy quartz veinlets, trace disseminated pyrite.	GRAB		49	2	36	88	0.5	25	B.L.
92402	BL87-27: L110+90N 43+25E Silicified augite porphyry andes- ite cut by chalcedonic quartz veinlets up to 1cm wide, (3 veins /30cm).	GRAB		83	3	49	36	0.2	1	B.L.
92404	BL87-28: L100+00N 49+90E Old trenches exposing epithermal breccia. Complete silicified rock fragments up to 5cm across in a silica, quartz, and quartz-carbo- nate matrix. Bladed calcite druses, disseminated pyrite, Tr - 2%	GRAB		33	70	79	38	0.4	36	B.L.
92405	As above with 1-2% pyrite.	GRAB		47	21	274	64	1.8	6.9	B.L.
92406	BL-87-29: L100+10N 48+30E Old trenches containing clay/ limonite altered to silicified rock fragments in banded, drusy quartz and quartz-carbonate matrix.	GRAB		51	17	76	10	0.1	1	B.L.
92407	BL87-30: L103+90N 46+00E "Dunsmuir shaft" drusy crystal- line quartz matrix with clay alter- ed rock fragments, trace -1% galena and pyrite, trace chalco- pyrite, possible trace tetrahed- rite. Shear trends 179°/90°.	GRAB		161	3051	799	231	145.4	1420	B.L.

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08W

PROJECT ROCHESTER OPTION

DATE May, 1987

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANALYSIS						Sampled By
				Cu ppm	Pb ppm	Zn ppm	As ppm	Ag ppm	Au ppb	
92408	BL87-31: L102+80N 48+75E 25m long trench exposing epithermal breccia. Quartz and quartz carbonate matrix with bladed calcite druses, and crytalline veinlets. Clay and silica altered fragments up to 5cm across. Trace disseminated pyrite.	GRAB		55	43	163	312	4.6	295	B.L.
92409	BL87-32: L101+95N 47+75E Calcite sweats, possibly tension gashes, 1-5cm wide containing up to 50% specular hematite tension gashes 004°/15°W.	GRAB		31	13	27	6	0.5	7	B.L.
92410	BL87-33: L101+80B 47+00E In wide shear zone, 114°/75°W, with quartz-carbonate veins containing limonite altered andesite with 3% pyrite and 1-3% galena in blebs up to 1cm across.	GRAB		801	19107	10848	359	350.6	4590	B.L.
92411	BL87-34: L101+20N 48+25E Old trench exposing clay, silica altered andesite fragments up to 5cm across in a quartz, and quartz-carbonate matrix with drusy bladed calcite.	GRAB		161	39	131	44	4.3	65	B.L.
92412	BL87-35: L101+10N 48+75E Shaft and series of old trenches. Clay altered to silicified rock fragments in a quartz and quartz-carbonate matrix. Calcite druses (acicular, radiating, colourless) trace disseminated pyrite, rare galena blebs. Phyllitic wall rock	GRAB		181	2313	4598	60	7.2	185	B.L.

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08

PROJECT ROCHESTER OPTION

DATE May, 1987

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANALYSES						Sampled By
				Cu ppm	Pb ppm	Zn ppm	As ppm	Ag ppm	Au ppb	
93751	BL87-1: L100+00N 41+75E Old pit - augite porphyry andesite cut by shear zone exposed in trench. Epithermal breccia with tan to maroon rock fragments with quartz, quartz-carbonate drusy vein matrix.	GRAB		12	4	48	2	0.1	1	B.L.
93752	BL87-2: L101+00N 42+40E Quartz-carbonate drusy vein matrix, andesitic rock fragments weakly chloritized, augite phenocrysts show weak foliation. Breccia occurs in shear zone that may be continuous with BL87-1	GRAB		22	15	96	3	0.1	1	B.L.
93753	BL87-3: L101+80N 42+60E Shear zone 1m wide strikes 140°/55°SW comprised of tan brecciated silicified andesite with drusy quartz, and quartz-carbonate vein matrix.	GRAB		153	27	134	60	7.4	33	B.L.
93754	BL87-4: L102+70N 42+00E Tan, maroon and black fragment supported breccia. Matrix is comprised of drusy quartz, and quartz-carbonate.	GRAB		67	5	56	2	0.2	1	B.L.
93755	BL87-5: L102+90N 44+75E Tan, aphanitic rock fragments in quartz, quartz-carbonate drusy, crystalline matrix. Fragments are silicified.	GRAB		35	9	55	5	0.3	1	B.L.

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08W

PROJECT ROCHESTER OPTION

DATE May, 1987

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANALYSES						Sampled By
				Cu ppm	Pb ppm	Zn ppm	As ppm	Ag ppm	Au ppb	
93756	BL87-6: L105+00N 45+00E N-S trending shear zone with quartz, quartz-carbonate matrix. silicified, tan, aphanitic fragments. Shear zone is exposed in three pits. Trace pyrite and galena.	GRAB		74	601	3202	849	27.0	695	B.L.
93757	BL87-7: L105+50N 46+50E 2-3m wide shear zone, brecciated tan, aphanitic fragments with 2mm wide chalcedonic quartz veinlets. Contains 1% disseminated pyrite and rare galena.	GRAB		53	7	39	255	2.0	315	B.L.
93758	BL87-8: L105+25N 48+50E 2m wide shear zone, rusty weathering, grey silicified rock fragments containing 1% disseminated pyrite. Drusy quartz vein matrix with trace chalcopyrite. Shear zone strikes 032°/70°E.	GRAB		139	6	52	109	1.6	78	B.L.
93759	BL87-9: L105+00N 49+25E Rusty weathering epithermal breccia containing silicified rock fragments with 1-2% disseminated pyrite and trace galena. Matrix comprised of drusy, crystalline, colloform quartz, and quartz-carbonate veinlets. On strike w/mine.	GRAB		60	163	106	189	6.0	295	B.L.
93760	BL87-10: L104+15N 49+00E 10-15m north of shaft, shear zone 040°/78°NW containing silica, clay, and sericite altered fragments	GRAB		118	276	669	700	25.4	825	B.L.

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08W

PROJECT ROCHESTER OPTION

DATE May, 1987

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANALYSES						Sampled By
				Cu ppm	Pb ppm	Zn ppm	As ppm	Ag ppm	Au ppb	
93761	BL87-11: L103+60N 49+00E Shear zone exposed in shaft. Clay, silica, sericite altered augite porphyry andesite with 5% disseminated pyrite and trace galena. Rock is cut by hairline chalcedonic quartz veinlets. Strike 44°/80°NW.	GRAB		117	12	87	634	4.2	245	B.L.
93762	BL87-12: L103+25N 49+00E Trench abvoe portal. Clay altered rusty weathering epithermal breccia with drusy and colofom quartz veinlets. Same structure as above.	GRAB		73	41	334	194	2.9	75	B.L.
93763	BL87-13: L103+10N 49+50E Shear zone trending 050° chlorite and sericite altered and bleached augite porphyry andesite with 1-2mm quartz veinlets, cocks-comb structure to veins. 1-5% disseminated pyrite.	GRAB		104	65	111	943	14.6	495	B.L.
93764	BL87-14: L103+80N 47+75E Shear zone, 050°/80°NW, exposed in series of trenches. Clay chlorite, sericite altered augite porphyry andesite with quartz veins 1-10cm wide. Wider veins contain breccia fragments. Rock contains 1-5% fine grained pyrite and trace chalcopryite.	GRAB		121	12	80	375	7.9	595	B.L.
93765	BL87-15: L102+90N 46+80E 1m wide shear zone with drusy quartz, quartz-carbonate veins,	GRAB		98	2	54	18	0.1	14	B.L.

NORANDA EXPLORATION COMPANY, LIMITED.

N.T.S. 92I/08W

PROJECT ROCHESTER OPTION

DATE May, 1987

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ANALYSES						Sampled By
				Cu ppm	Pb ppm	Zn ppm	As ppm	Ag ppm	Au ppb	
	CONT'T 93765: silicified and brecciated wall rock contains 3% disseminated pyrite.									
93766	BL87-16: L107+70N 49+60E Series of subparallel shears over 10cm width. Exposed in trenches. Rock ranges from tan rusty weath- ering augite porphyry andesite to silicified and brecciated rock with quartz, quartz carbonate matrix.	GRAB		76	99	216	413	9.3	325	B.L.
93767	BL87-17: L107+30N 49+50E Clay-sericite to silica altered andesite. Augites altered to grey hard mineral (feldspar?) 3-5% pyrite is disseminated throughout the rock, trace galena. Shear strikes 022°	GRAB		77	36	106	970	13.5	425	B.L.
93768	BL87-18: L105+90N 47+30N Very coarse grained calcite vein with chlorite altered andesite fragments elongate along vein trend. Strike 138°/70°SW, veins are 5-10cm wide, 3 veins per 1 meter.	GRAB		3	3	14	4	0.1	15	B.L.
93769	BL87-19: L107+10N 46+10E Shear zone 1 m wide striking 176°/16°W with clay-feldspar altered tan, rusty weathering andesite rock fragments with matrix of chalcedonic (4mm wide) quartz veins.	GRAB		80	4	60	200	2.9	55	B.L.

APPENDIX III
STATEMENT OF COSTS

e) Analysis: \$ 25,463.00
(See attached schedule)

f) Cost of preparation of Report
Author: \$ 400.00
Drafting: \$ 400.00
Typing: \$ 100.00

g) Other:
Contractor

Total Cost \$ 46,643.00

h) Unit costs for Linecutting
No. of Days
No. of Units 40.1 km
Unit costs \$119.70 / km
Total Cost 119.70×40.1 \$ 4,800.00

i) Unit costs for Geochemistry
No. of units 2307
Unit cost \$11.00/sample
Total Cost $\$11.00 \times 2307$ \$ 25,377.00

j) Unit costs for Geophysics
No. of units 61.3km
Unit cost \$ 47.15/km
Total Cost $\$ 47.15 \times 61.3$ \$ 2,890.00

k) Unit costs for Geology
No. of units 311 hectares
Unit costs \$ 43.65/hectare
Total Cost $\$ 43.65 \times 311$ \$ 13,576.00

NORANDA EXPLORATION COMPANY, LIMITED
(WESTERN DIVISION)

DETAILS OF ANALYSES COSTS

PROJECT: Rochester Option

<u>ELEMENT</u>	<u>NO. OF DETERMINATIONS</u>	<u>COST PER DETERMINATION</u>	<u>TOTAL COSTS</u>
<u>SOIL</u>			
30 element			
I.C.P.	2269	\$ 6.00	\$ 13,614.00
Au	2269	\$ 4.25	\$ 9,643.25
Sample			
Preparation	2269	\$ 0.75	<u>\$ 1,701.75</u>
		Sub total:	\$ 24,959.00
<u>ROCK</u>			
30 element			
I.C.P.	38	\$ 6.00	\$ 228.00
Au	38	\$ 4.25	\$ 161.50
Sample			
Preparation	38	\$ 3.00	<u>\$ 114.00</u>
		Sub total:	\$ 503.50
		<u>TOTAL</u>	<u>\$ 25,463.00</u>

APPENDIX IV
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Glenn Shevchenko, with a business address at P.O. Box 2380, 1050 Davie Street, Vancouver, British Columbia, do hereby certify that:

- 1) I am presently employed with Noranda Exploration Company, Limited, as a Project Geologist, and have been since May 1984.
- 2) I have worked in the mineral exploration industry since 1977.
- 3) I graduated (1982) from Concordia University with a B.Sc. in geology.
- 4) I am a member of the Geological Association of Canada.

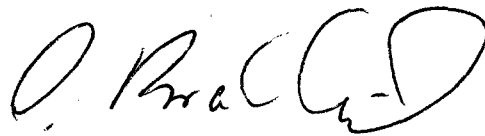
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Glenn Shevchenko

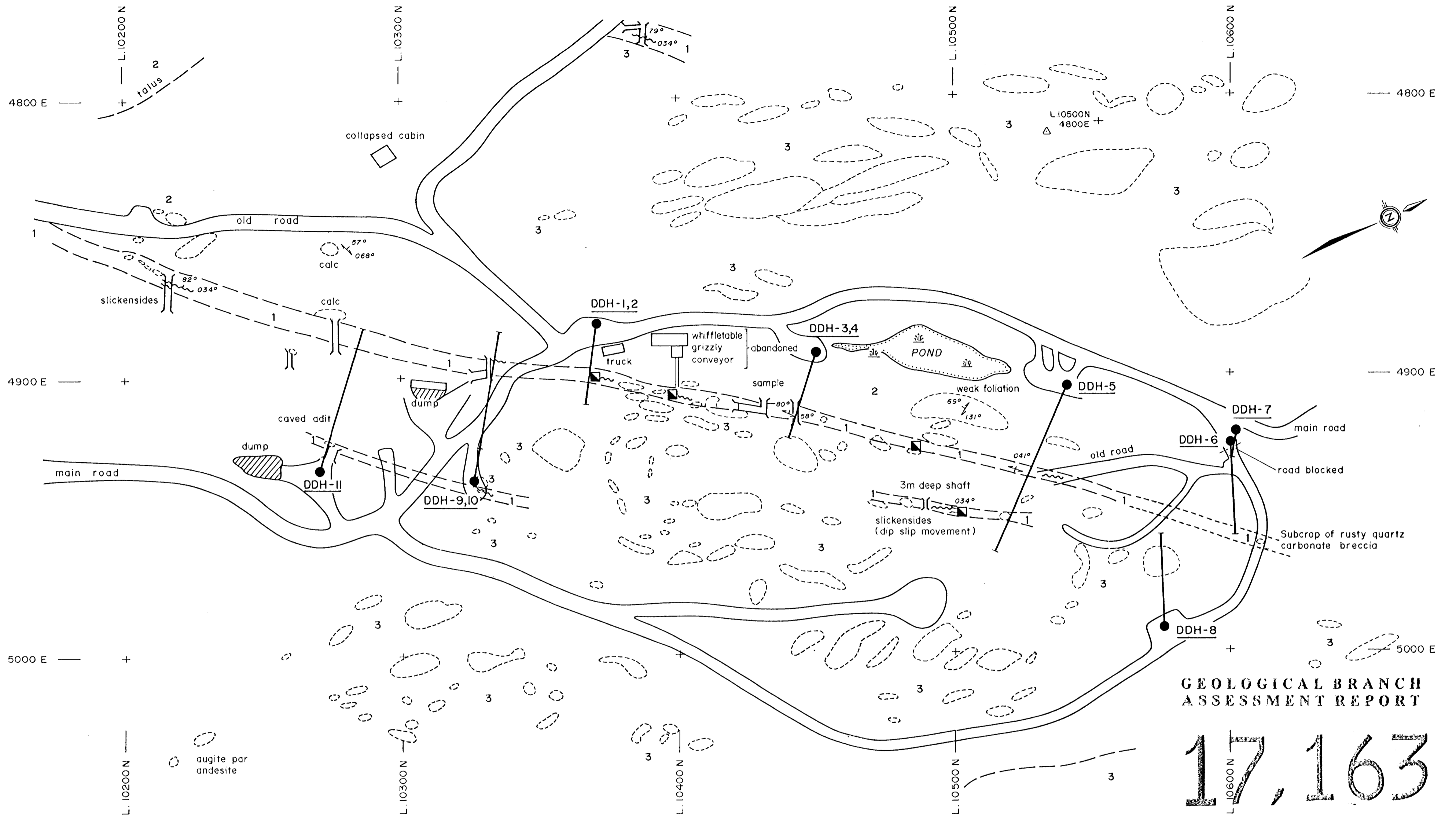
STATEMENT OF QUALIFICATIONS

I, Lyndon Bradish of Vancouver, Province of British Columbia, do hereby certify that:

1. I am a Geophysicist residing at 1826 Trutch Street, Vancouver B.C.
2. I am a graduate of the University of British Columbia with a B.Sc. (geophysics).
3. I am a member in good standing of the Society of Exploration Geophysicists, Canadian Institute of Mining and the Prospector's and Developer's Association.
4. I presently hold the position of Division Geophysicist with Noranda Exploration Company, Limited and have been in their employ since 1973.



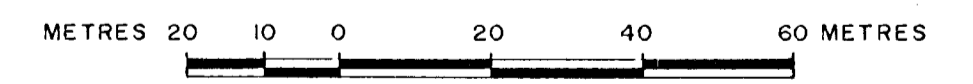
L. Bradish



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,163

SCALE
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LEGEND

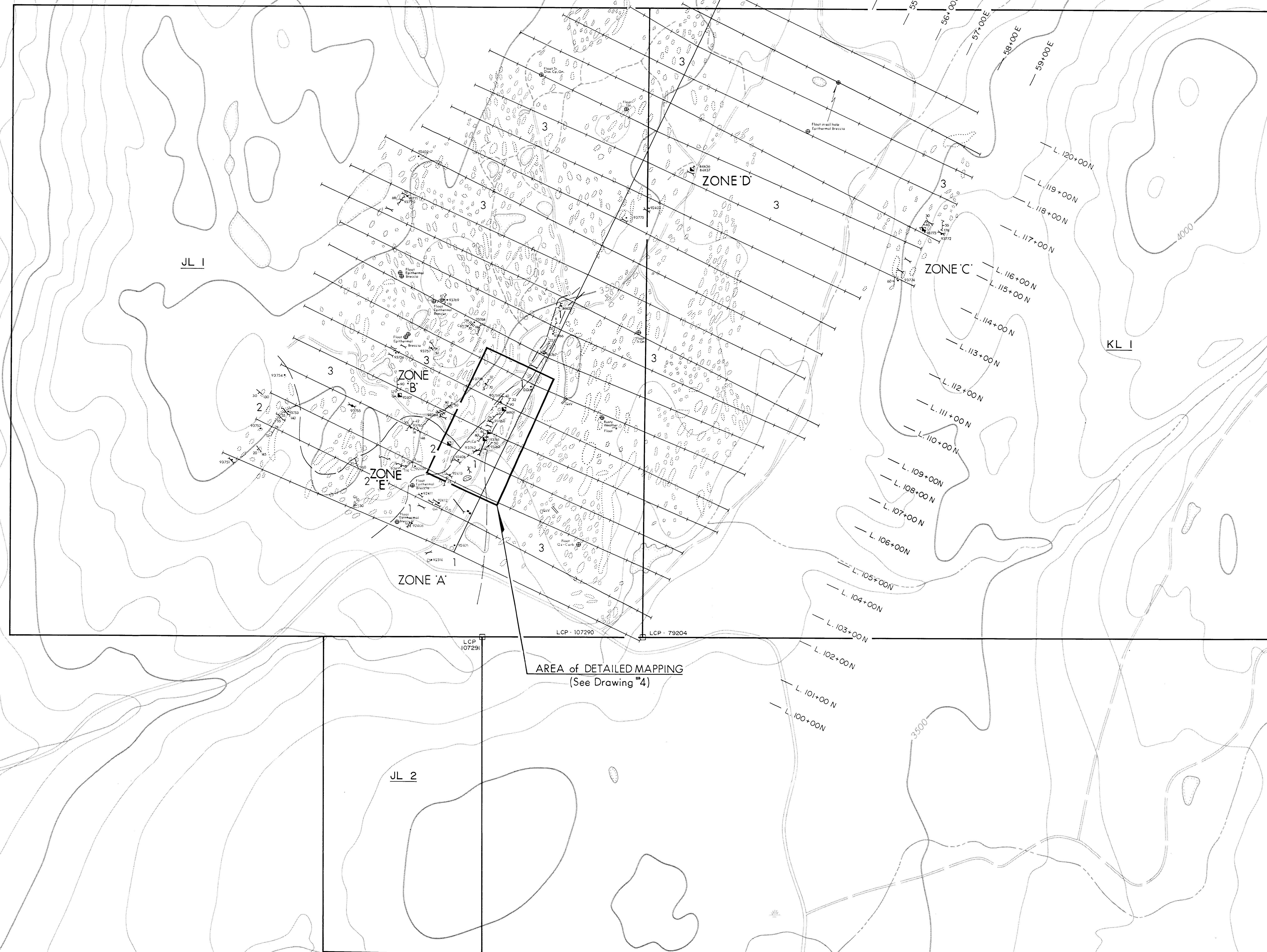
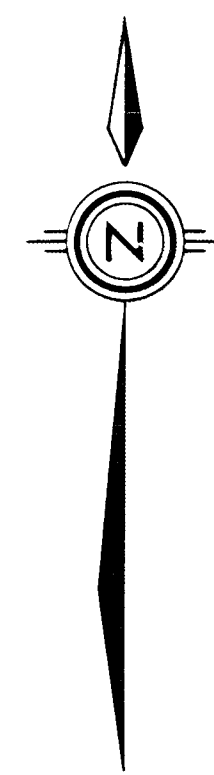
LITHOLOGIES

- 1 Clay to quartz-carbonate altered and brecciated andesite
- 2 Foliated andesite flow
- 3 Augite porphyry andesite flow

SYMBOLS

- Road
- Area of outcrop
- - - Geological boundary
- 80° 041° Foliation (inclined, vertical)
- ||| Trench
- Diamond drill hole
- Shaft
- || Adit

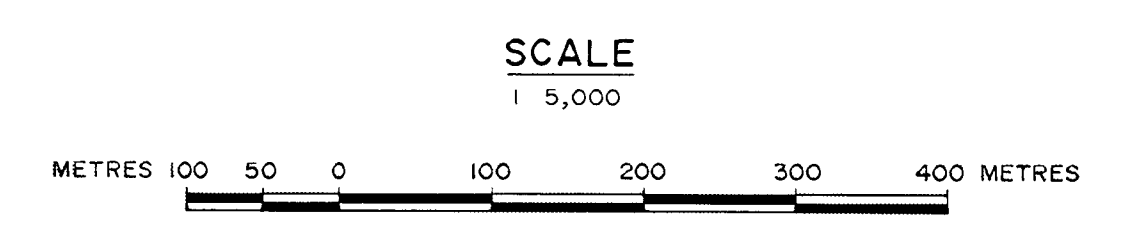
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PROJ. No. 169	SURVEY BY: Chris Wild	DATE: JULY 1987
N.T.S. 92 I/OBW	DRAWN BY: J. Serwin	SCALE: 1:1000
DWG. No. 4	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



- LEGEND**
- LITHOLOGY**
- 1 CLAY TO QUARTZ CARBONATE ALTERED AND BRECCIATED ANDESITE
 - 2 FOLIATED ANDESITE FLOW
 - 3 AUGITE PORPHYRY ANDESITE FLOW
- MINERALIZATION**
- Co CHALCOPYRITE
 - Gn GALENA
 - Hm HEMETITE
 - Qtz QUARTZ
- SYMBOLS**
- OUTCROP
 - FLOAT
 - DUMP
 - FOLIATION
 - SHEAR
 - CONTACT
 - VEIN
 - ADIT, CAVED
 - TRENCH
 - SHAFT
 - ROCK SAMPLE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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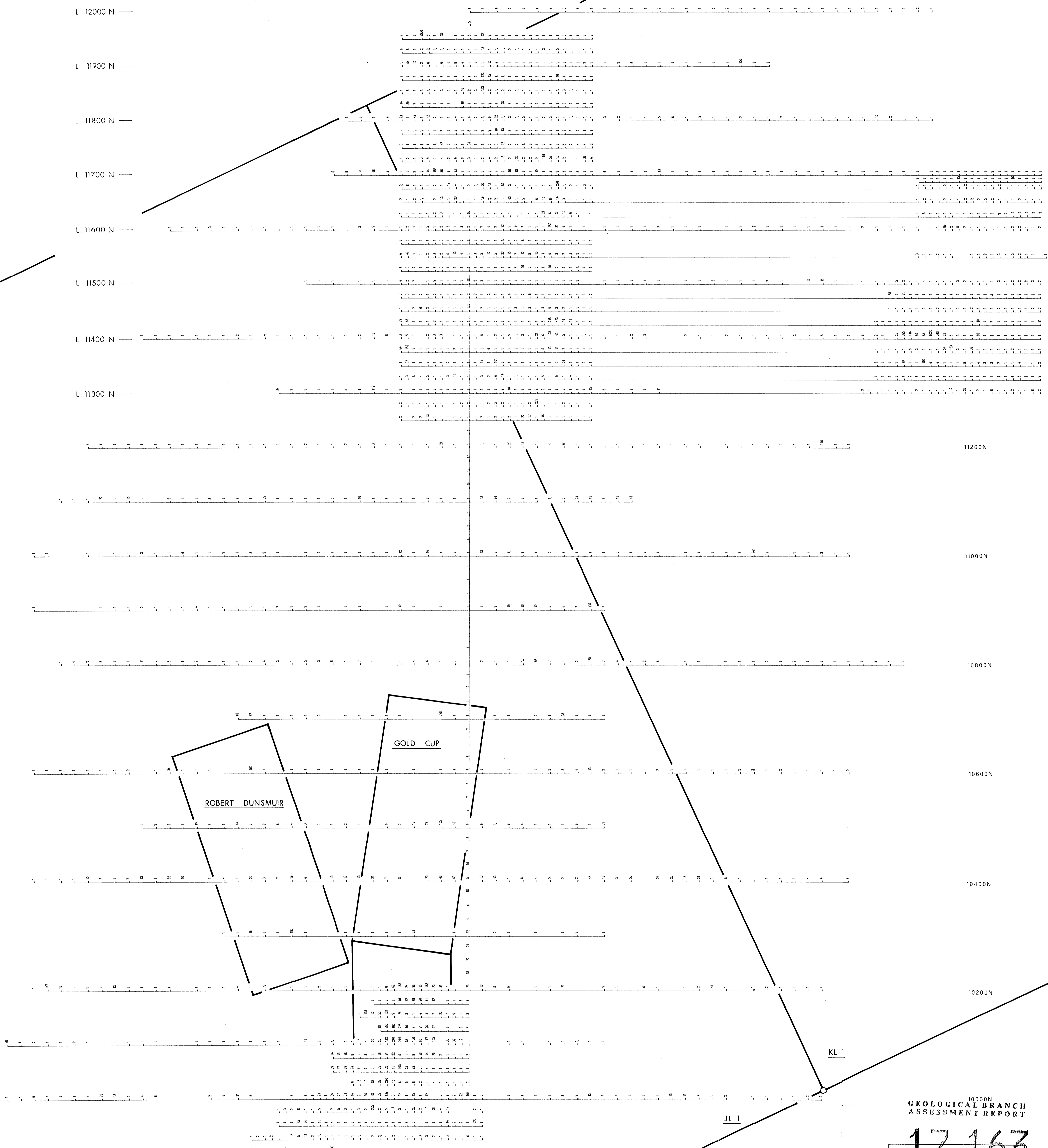
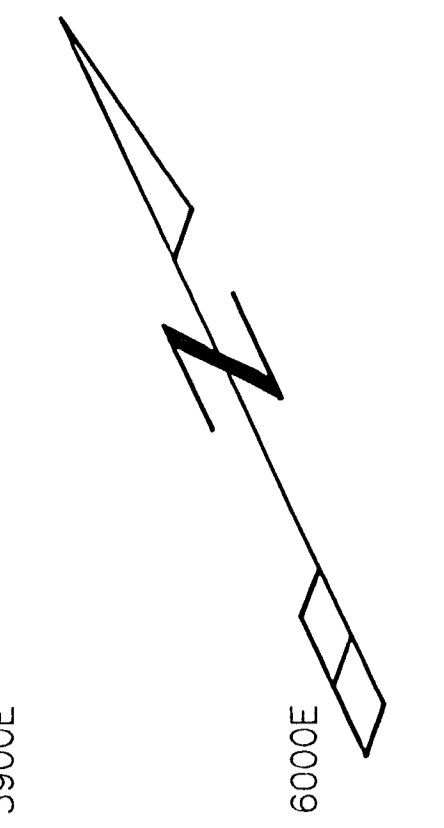
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N.T.S. 321/08W	DRAWN BY: J. SERWIN	SCALE: 1:5,000
DWG. No. 3	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

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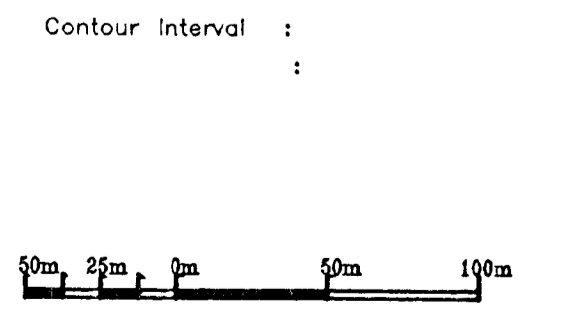
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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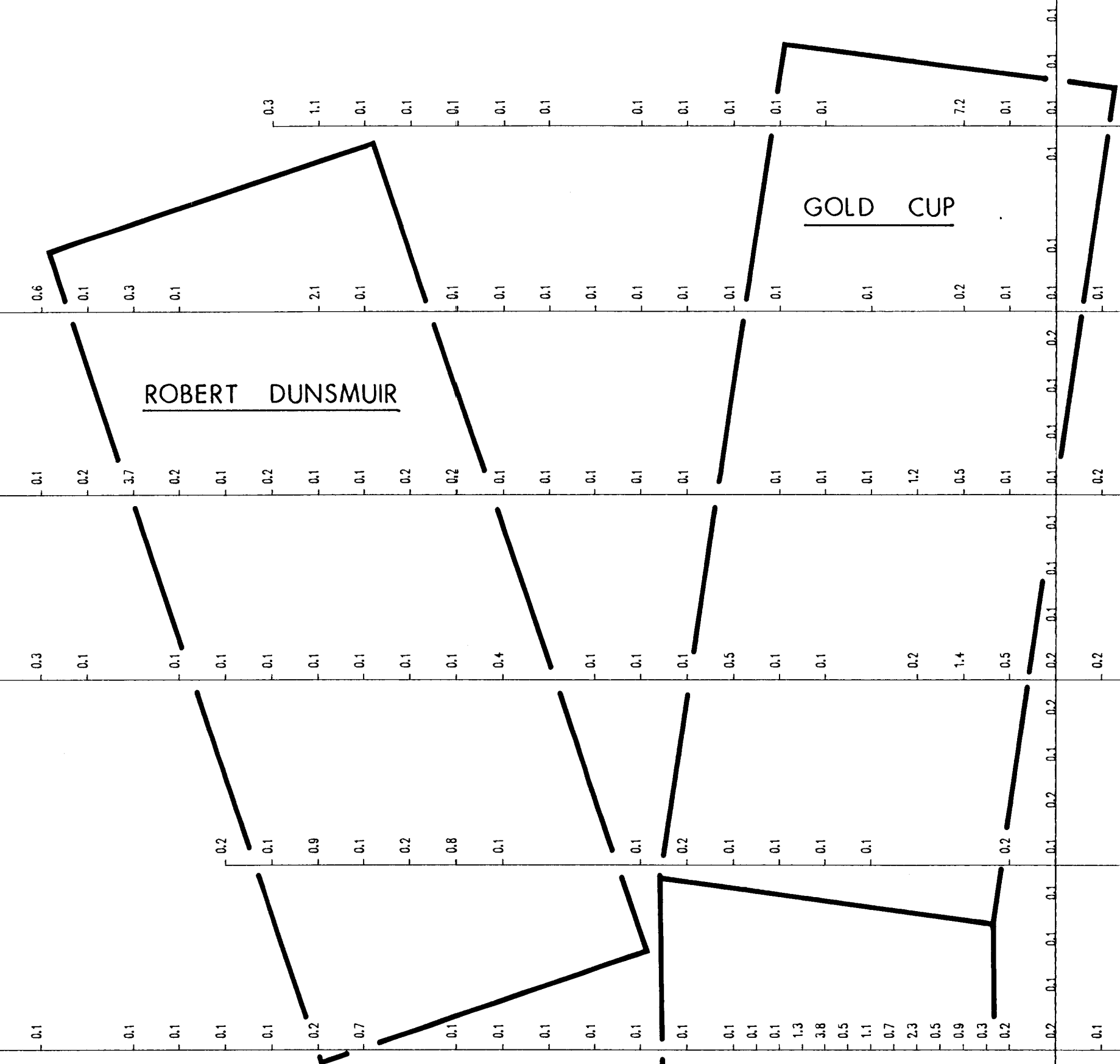
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SCALE = 1: 2500 DATE : 6/12/87
SURVEY BY : GS NTS : 092108
FILE: C169ROC
NORANDA EXPLORATION

DRAWING # 5

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GEOLOGICAL
 ASSESSMENT
 REPORT
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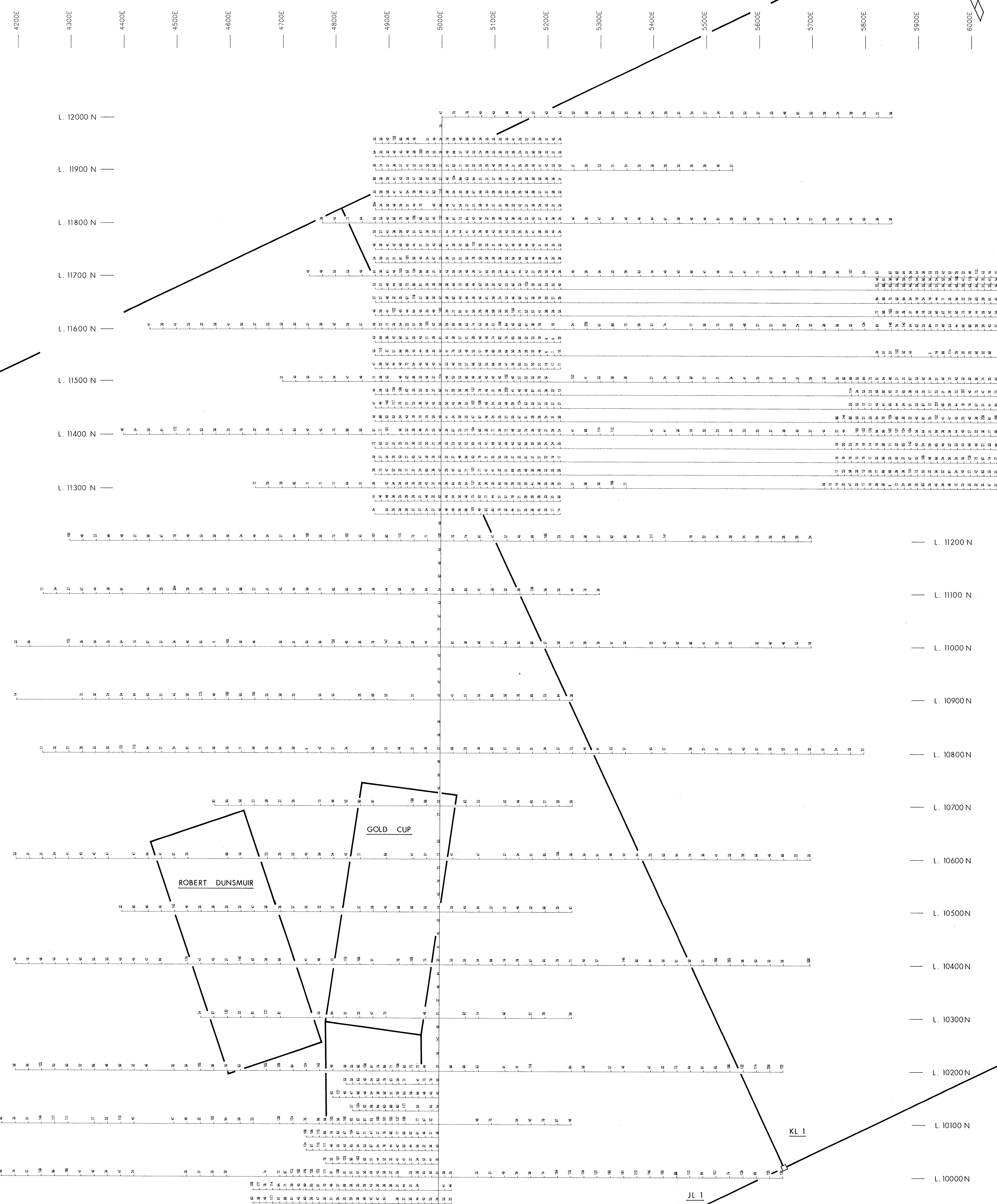
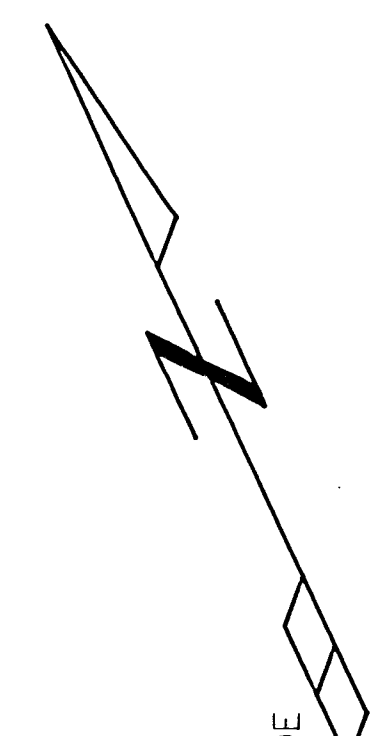
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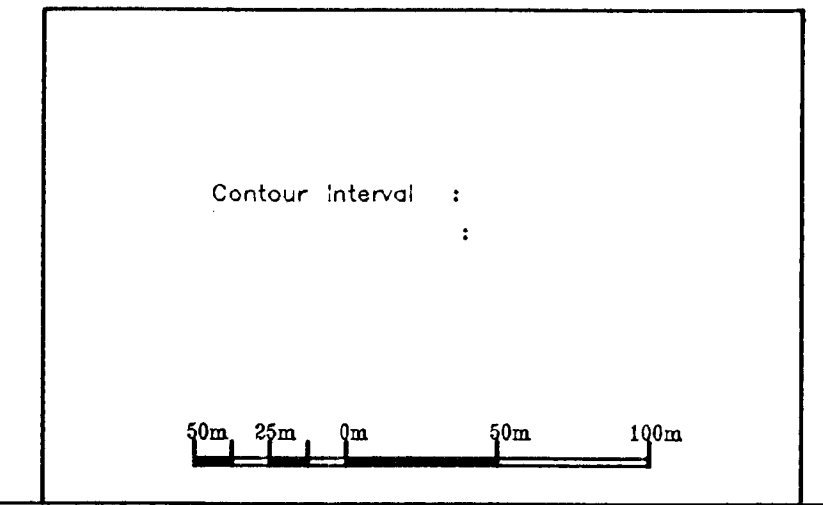
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GEOCHEMICAL SURVEY REPORT - PROJECT # 169 - NORANDA EXPLORATION



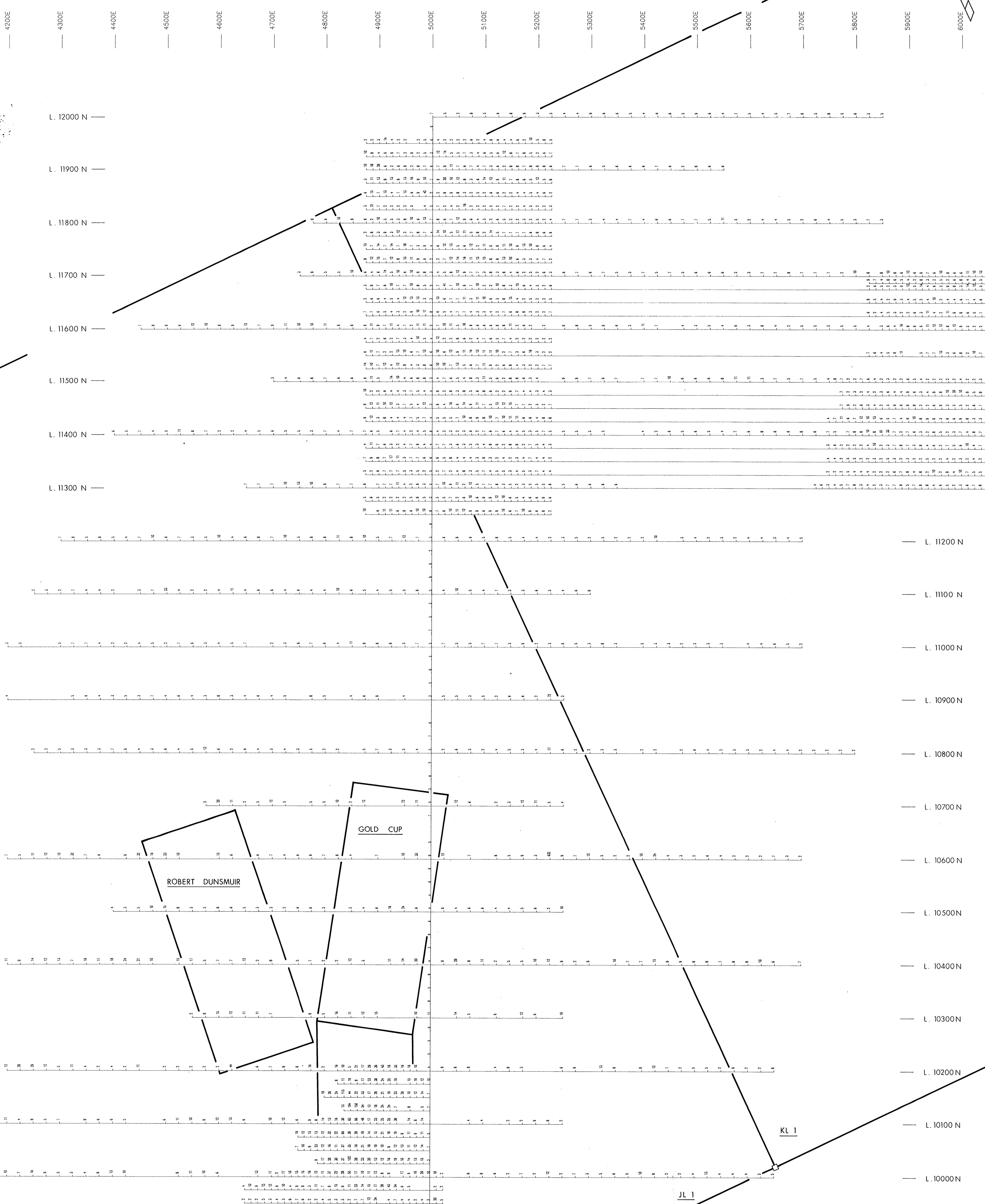
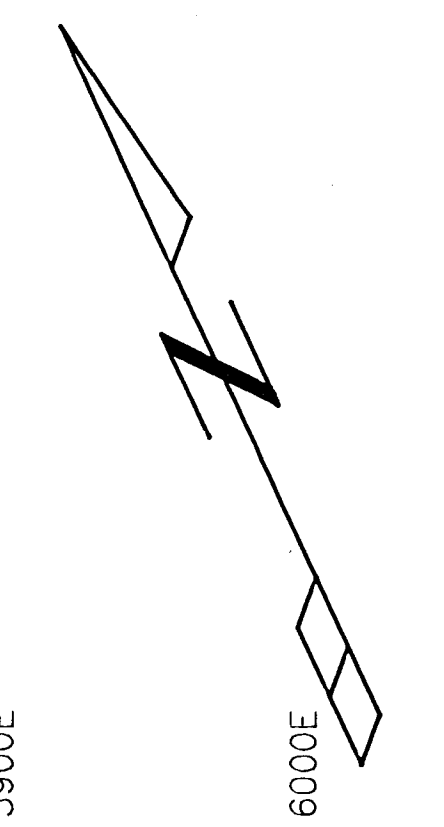
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GEOCHEMICAL SURVEY
ASSESSMENT REPORT

DRAWING # 8



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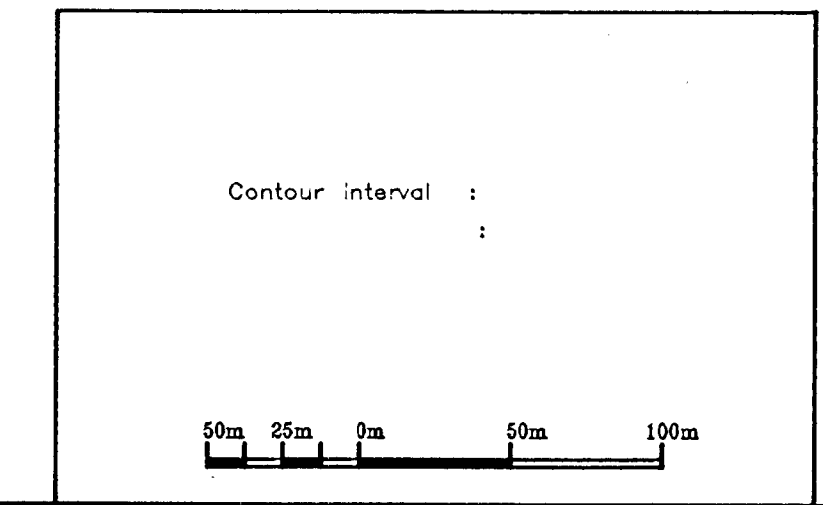


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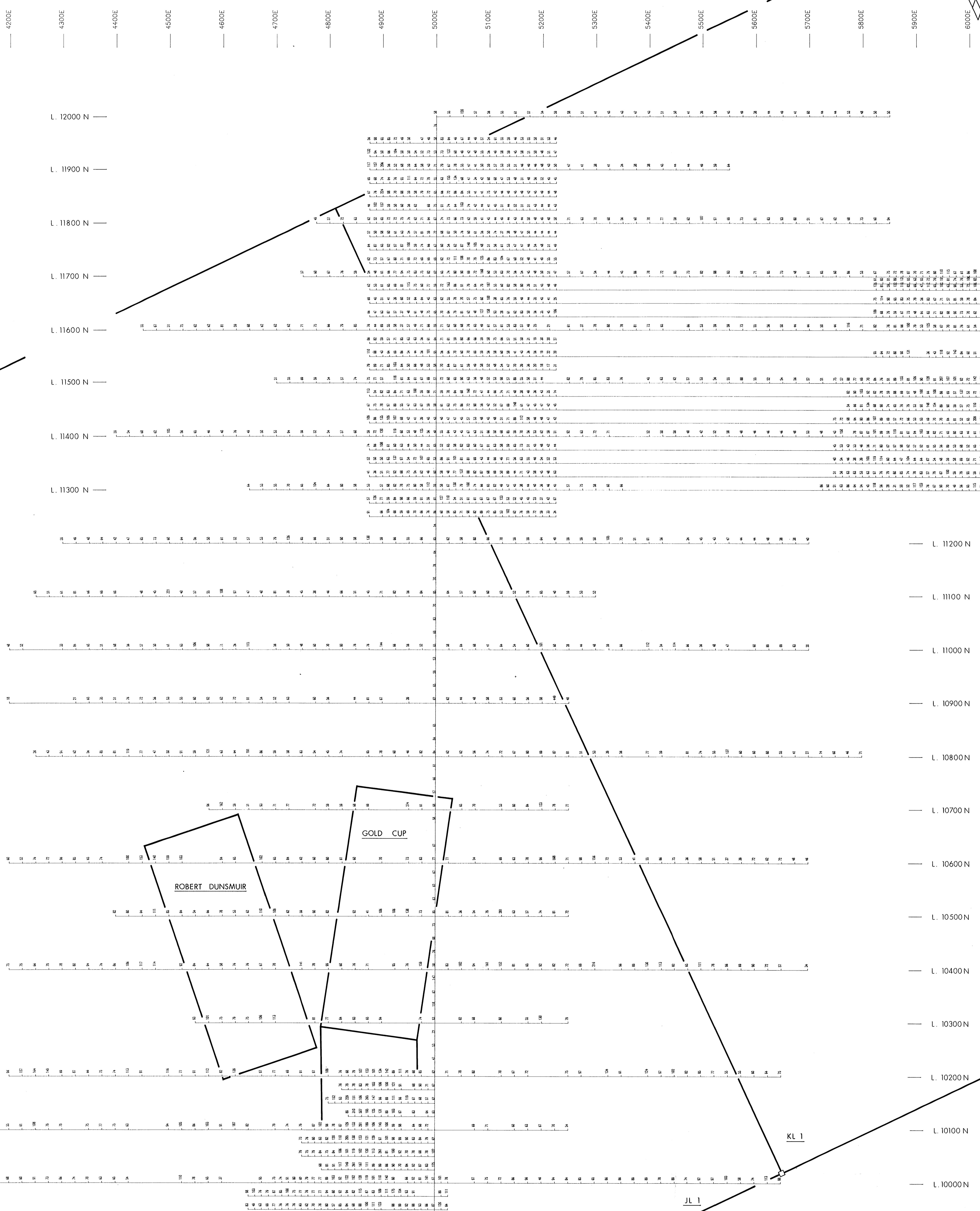
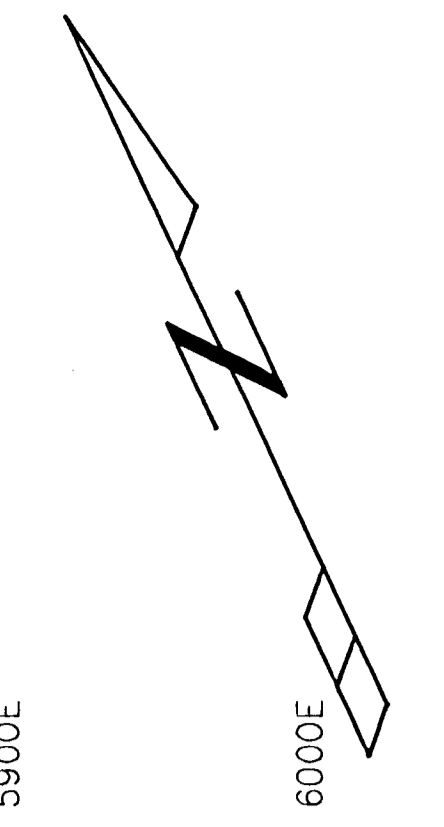
GEOLOGICAL
ENGINEERING
CONSULTANTS

DRAWING # 9

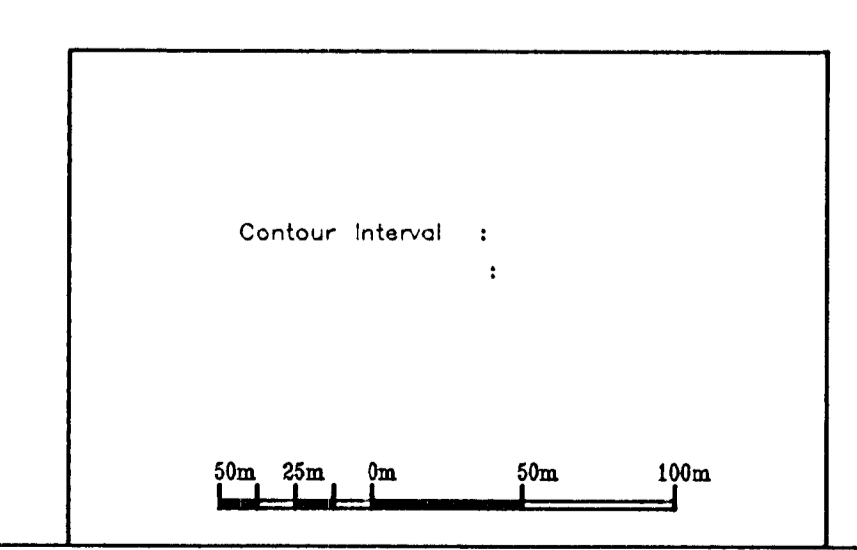


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NORANDA EXPLORATION	

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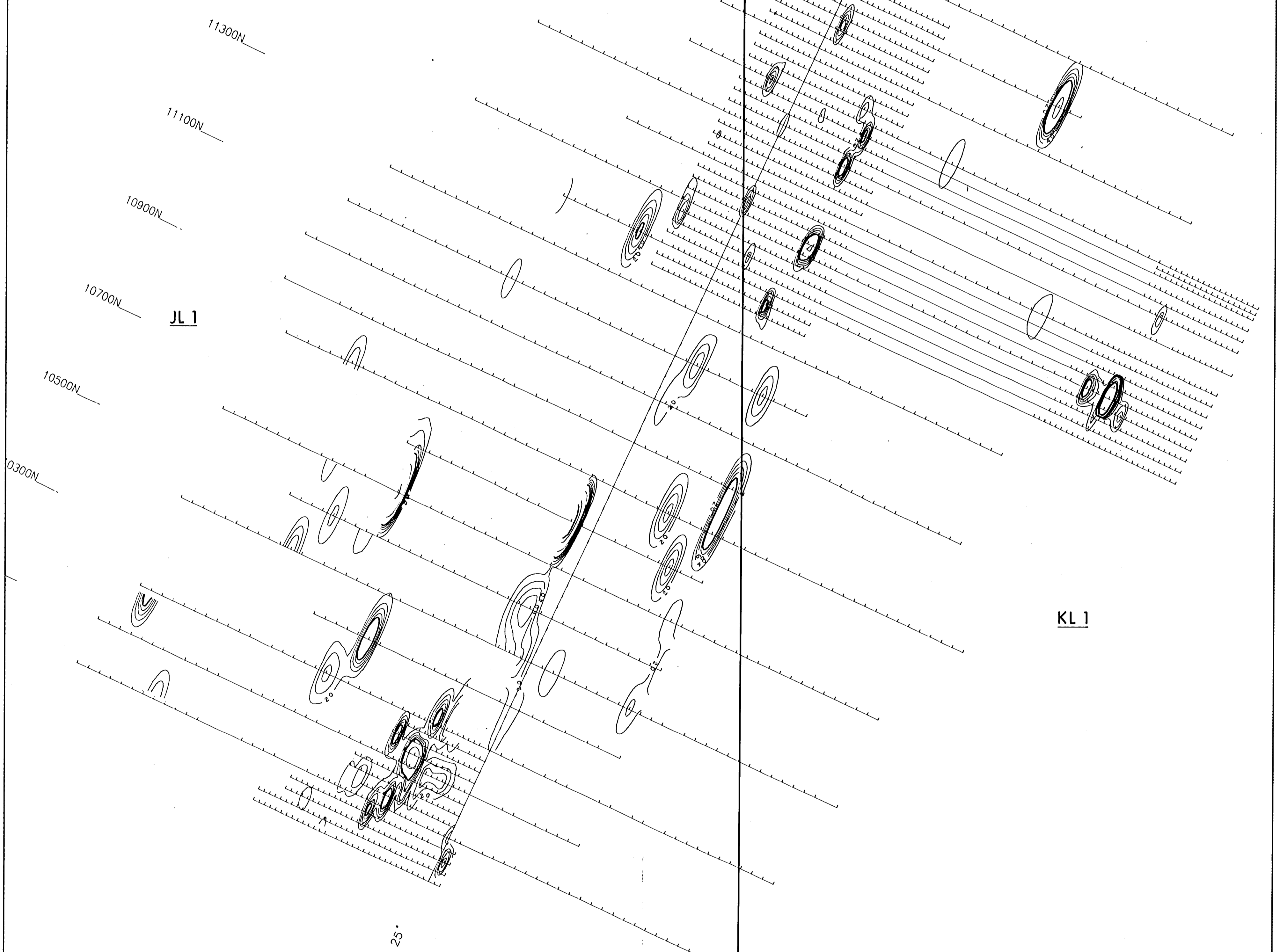
GEOTECHNICAL
ASSESSMENT REPORT

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NORANDA EXPLORATION	

Scale 1:5000



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4500E
4700E
4900E
5100E
5300E
5500E
5700E



JL 2

BASELINE 25°

17,163

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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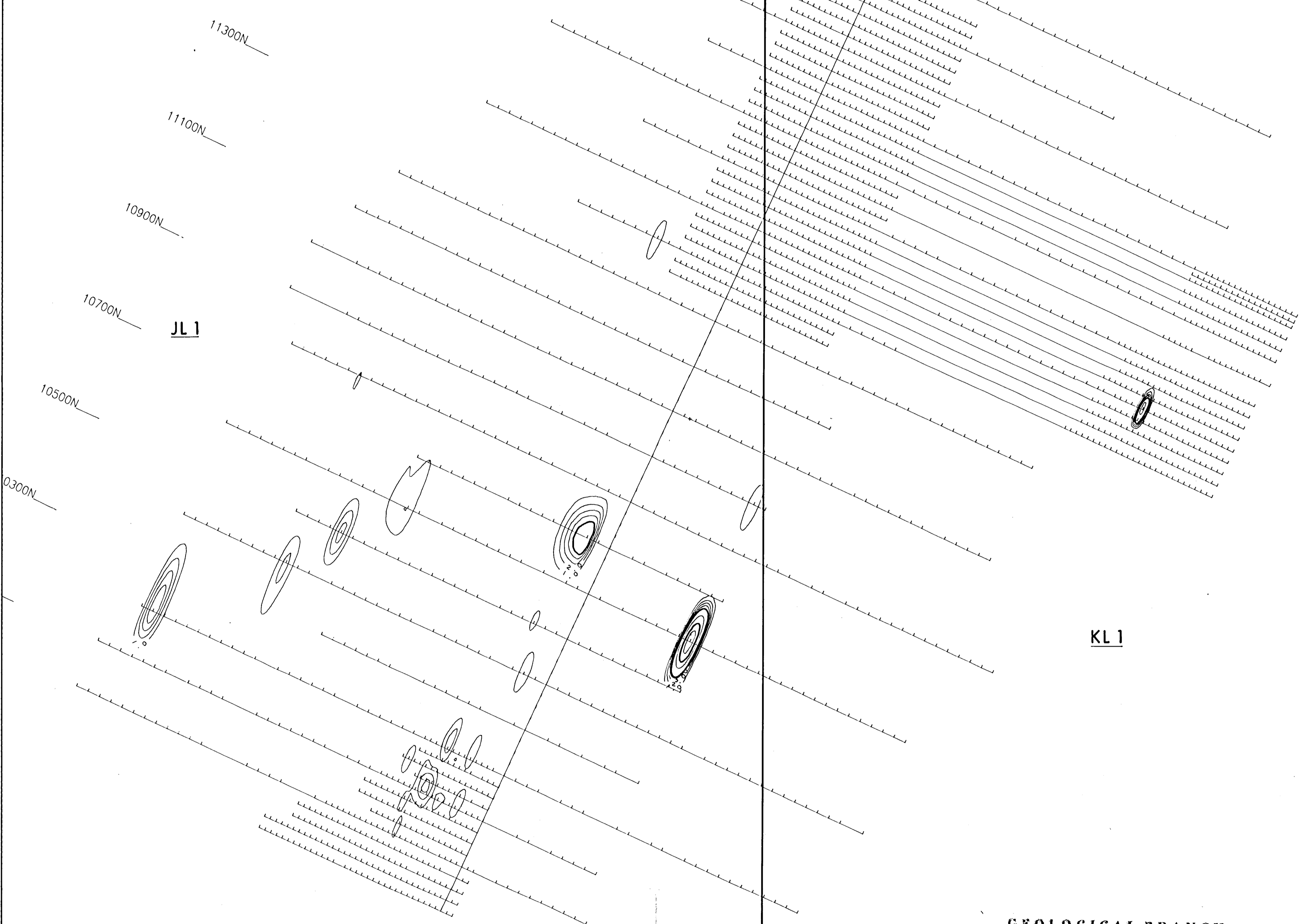


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NORANDA EXPLORATION	

Scale 1:5000
Date 6/12/87
Project # 169
File # C169ROC



12100N
11900N
11700N
11500N
4300E
4500E
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5100E
5300E
5500E
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GEOCHEMICAL BRANCH
ASSESSMENT REPORT

17,163

Contour Interval : 1.0,2.0,3.0,4.0,5.0,
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BASELINE 25

JL 2

ROCHESTER OPTION

GEOCHEMICAL SURVEY
CONTOURED AG (PPM)

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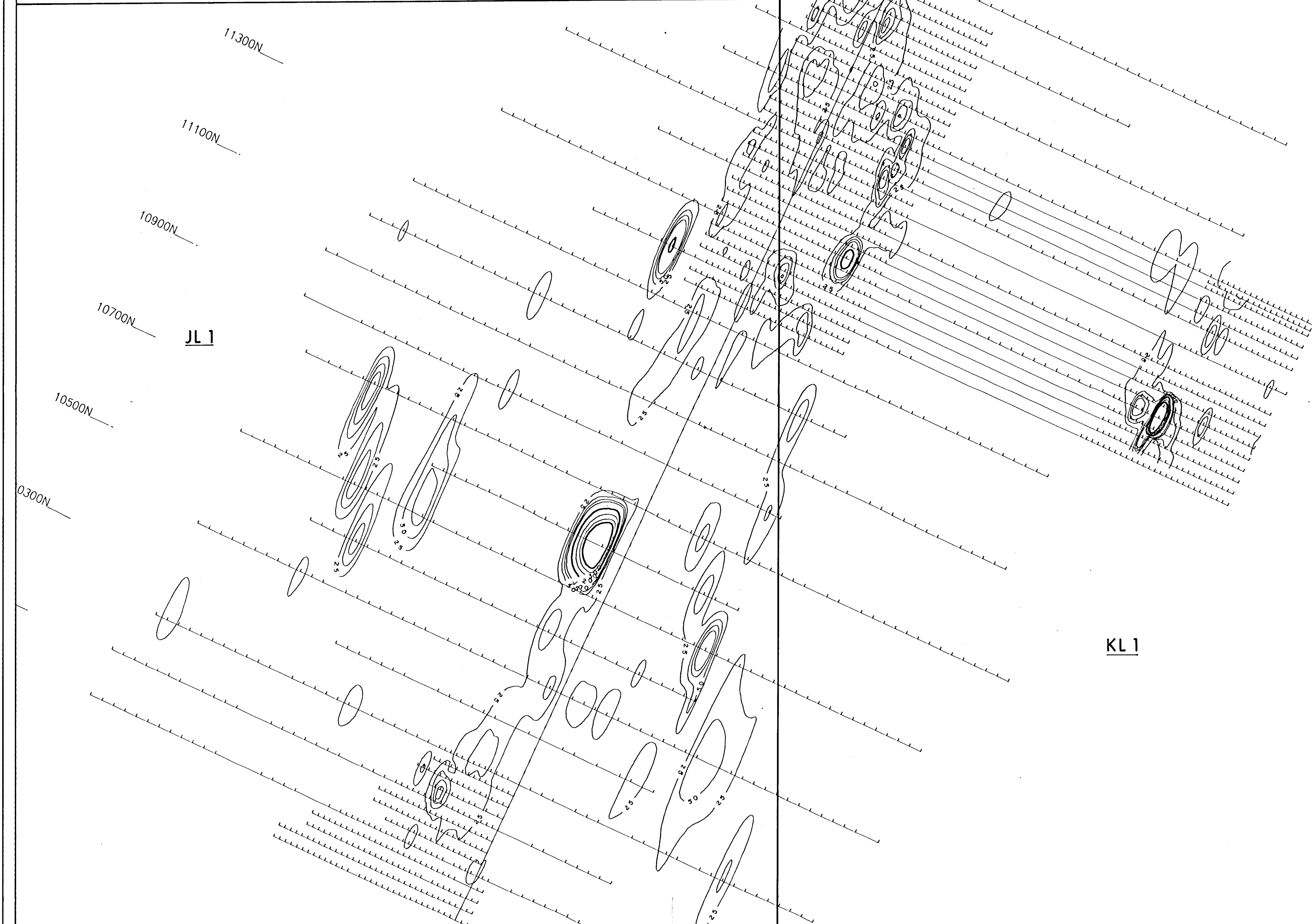
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12100N
11900N
11700N
11500N
4300E
4500E
4700E
4900E
5100E
5300E
5500E
5700E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,163

Contour Interval : 25,50,75,100,200,300
: 400,500 ppm



ROCHESTER OPTION

GEOCHEMICAL SURVEY
CONTOURED AS (PPM)

PROJECT: ROCHESTER OPTION PROJECT # : 169
BASELINE AZIMUTH : 25 Deg.

SCALE = 1: 5000 DATE : 6/12/87
SURVEY BY : GS NTS : 092108

FILE: C169ROC
NORANDA EXPLORATION

BASELINE 25°

JL 2

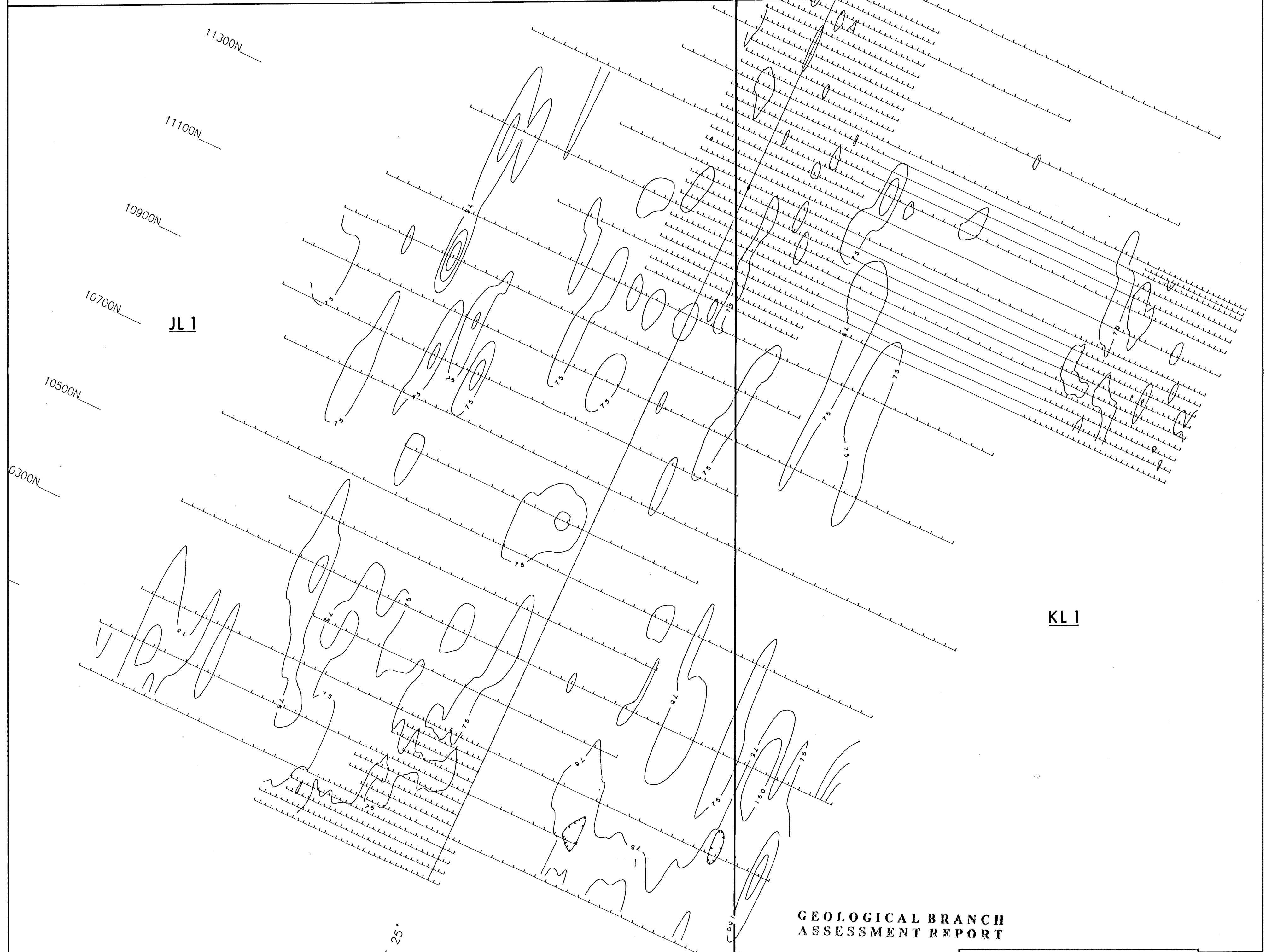
JL 1

KL 1

10/11/87
The 11 Feb 1988 at 11:17
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12100N
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11700N
11500N
4300E
4500E
4700E
4900E
5100E
5300E
5500E
5700E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,163

Contour Interval : 75,150,225 ppm



BASELINE 25°

JL 2

ROCHESTER OPTION

GEOCHEMICAL SURVEY
CONTOURED CU (PPM)
PROJECT: ROCHESTER OPTION PROJECT # : 169
BASELINE AZIMUTH : 25 Deg.

SCALE = 1: 5000 DATE : 6/12/87
SURVEY BY : GS NTS : 092108

FILE: C169ROC
NORANDA EXPLORATION

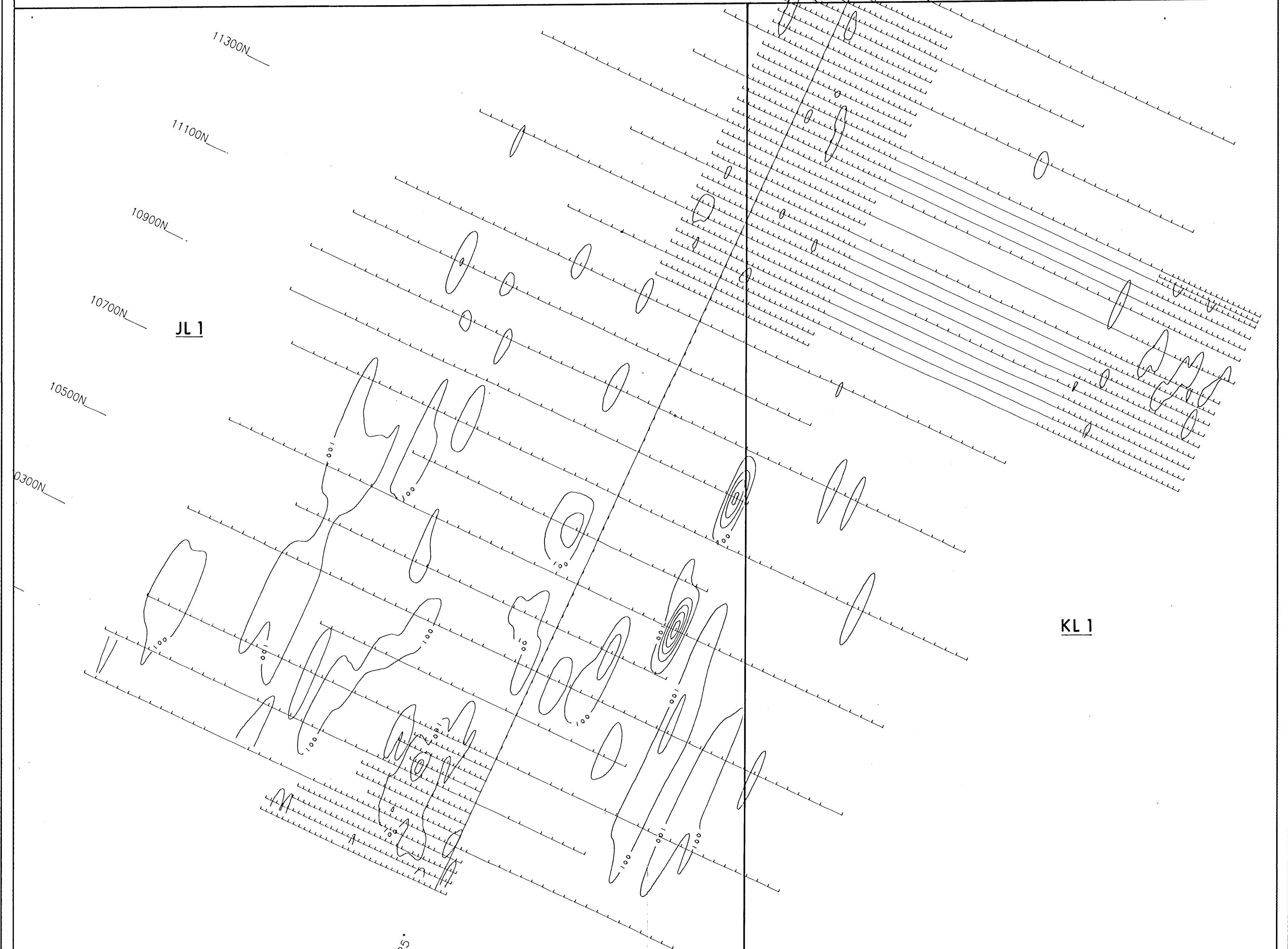
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04/08

Scale of map at 1:5000 (20000/40000) 25' Baseline Azimuth



12100N
11900N
11700N
11500N
4300E
4500E
4700E
4900E
5100E
5300E
5500E
5700E



JL 1

KL 1

BASELINE 25°

JL 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,163

Contour Interval : 100,200,300,400,500 ppm



ROCHESTER OPTION

GEOCHEMICAL SURVEY
CONTOURED ZN (PPM)

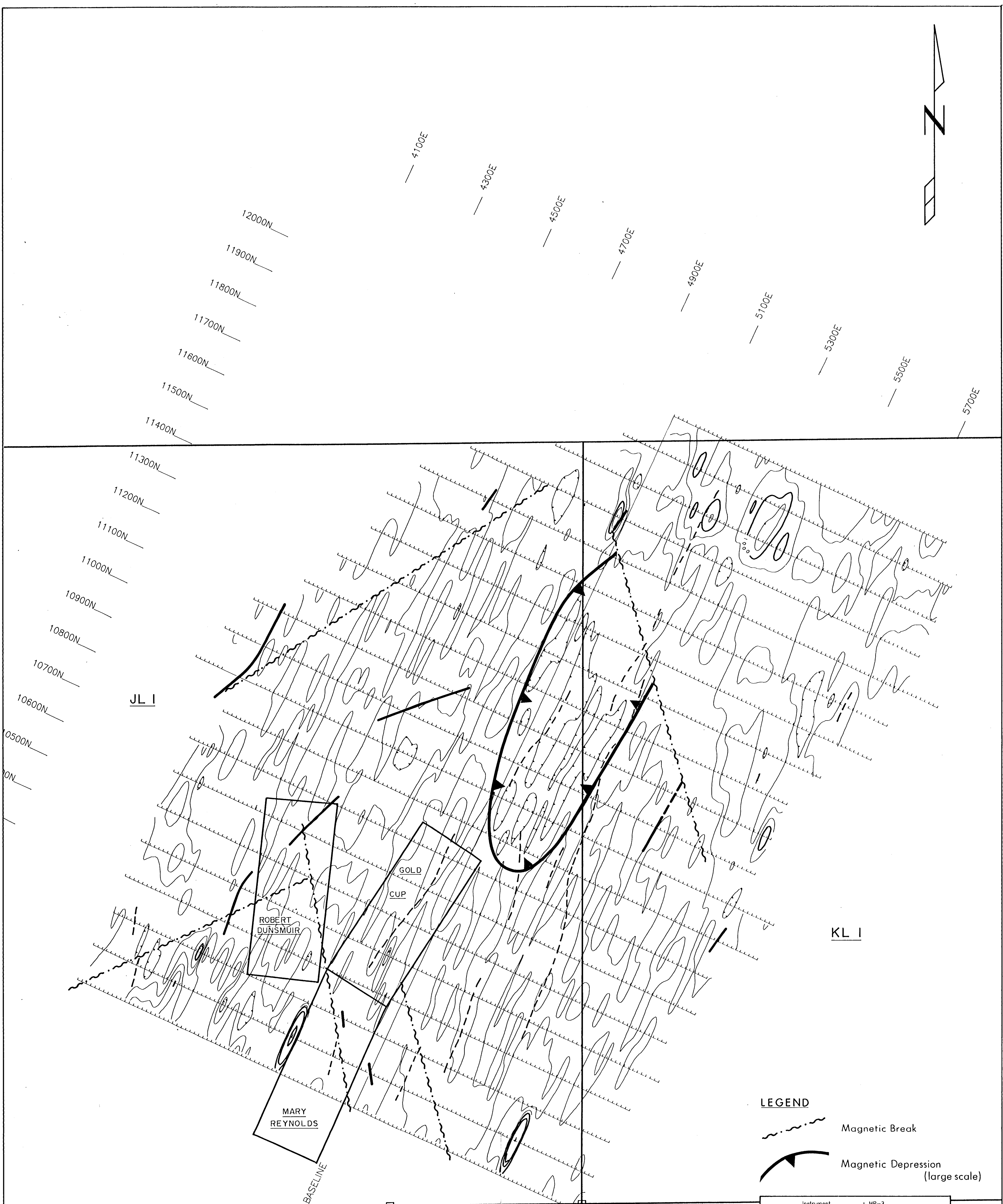
PROJECT: ROCHESTER OPTION PROJECT # : 169
BASELINE AZIMUTH : 25 Deg.

SCALE = 1: 5000 DATE : 6/12/87
SURVEY BY : GS NTS : 092108

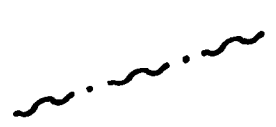
FILE: C169ROC
NORANDA EXPLORATION


DRAWING # 16

1:50000 Scale
1:5000 Scale
1:5000 Scale





LEGEND

 Magnetic Break

 Magnetic Depression (large scale)

Instrument : MP-3
 Field : TOTAL
 Datum : 56500.0 nT

Contour Interval : 100 nT
 (0 pass through a 9 pt. Hanning Filter.)
 (1 pass through a 3 pt. Hanning Filter.)

Conductor Axis : 
 Possible VLF Anomaly : 

100m 50m 0m 100m 200m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,163

JL 2

ROCHESTER OPTION

MAGNETOMETER SURVEY

(FILTERED CONTOUR PRESENTATION)

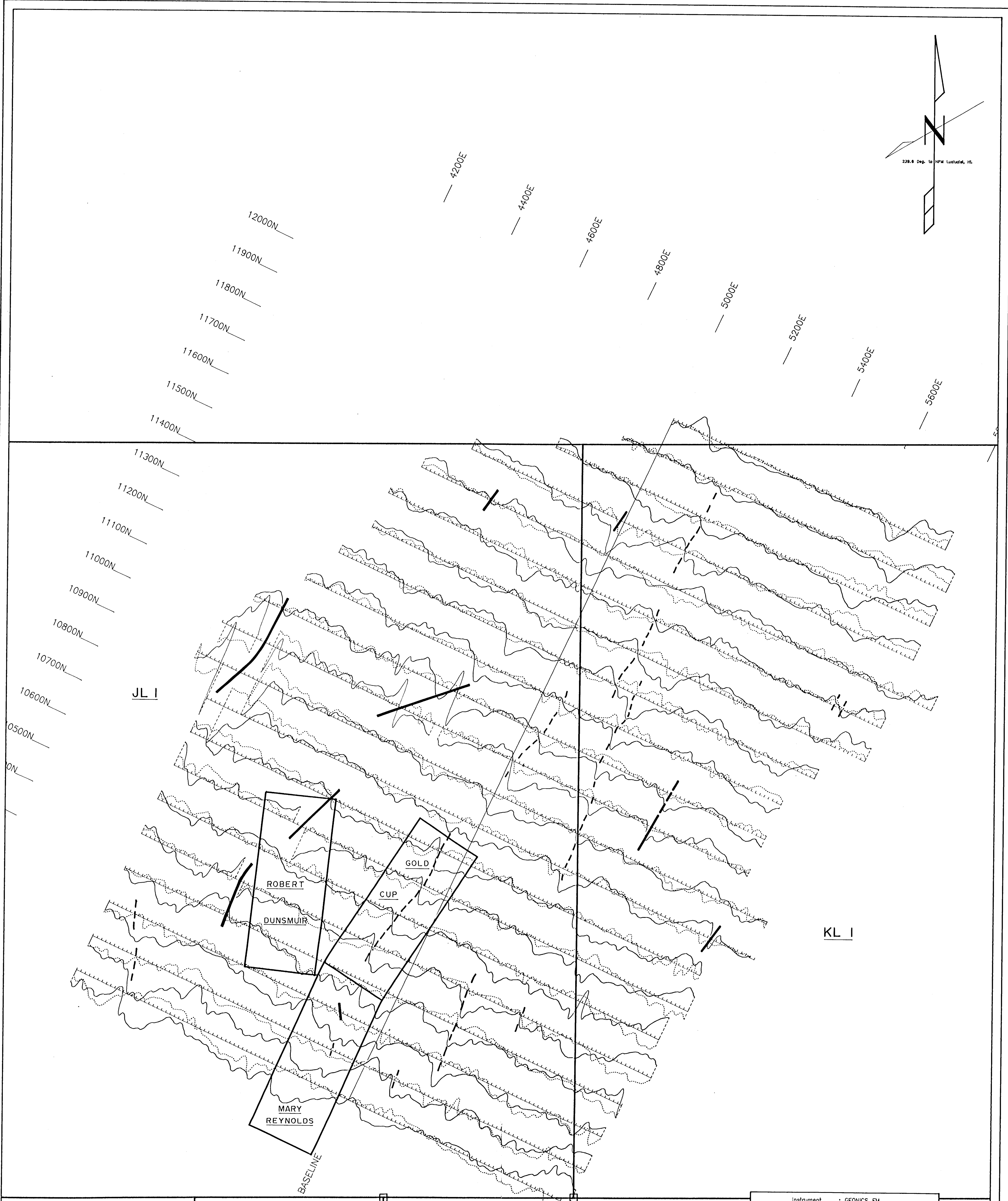
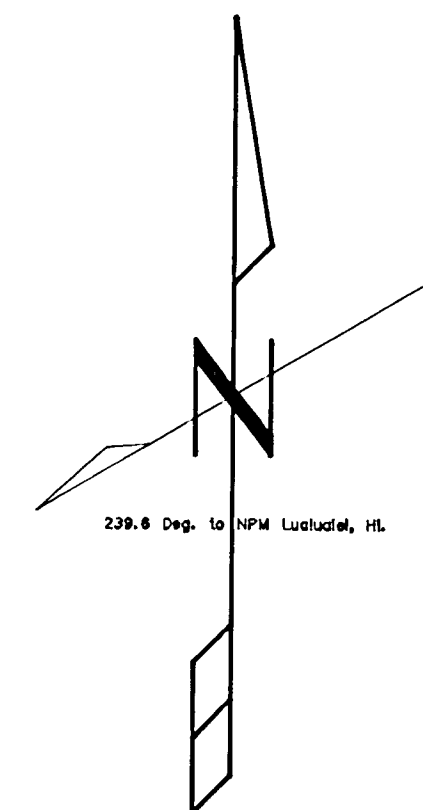
PROJECT: ROCHESTER OPTION PROJECT # : 169
BASELINE AZIMUTH : 25 Deg.

SCALE = 1: 5000 DATE : 5/ 8/87
SURVEY BY : WK NTS : 921/08

FILE: Matump
NORANDA EXPLORATION

DRAWING # 17

Printed on 11/15/87 at 11:00 AM / 5033.26



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Instrument : GEONICS EM
Vertical Scale: 1 cm = 25%

Tx Location : NPM Luahalei, HI.
Contour Interval :
In-phase : —x—x—
Quadrature : —o—o—

VLF Anomaly : ———
Possible VLF Anomaly : - - - -

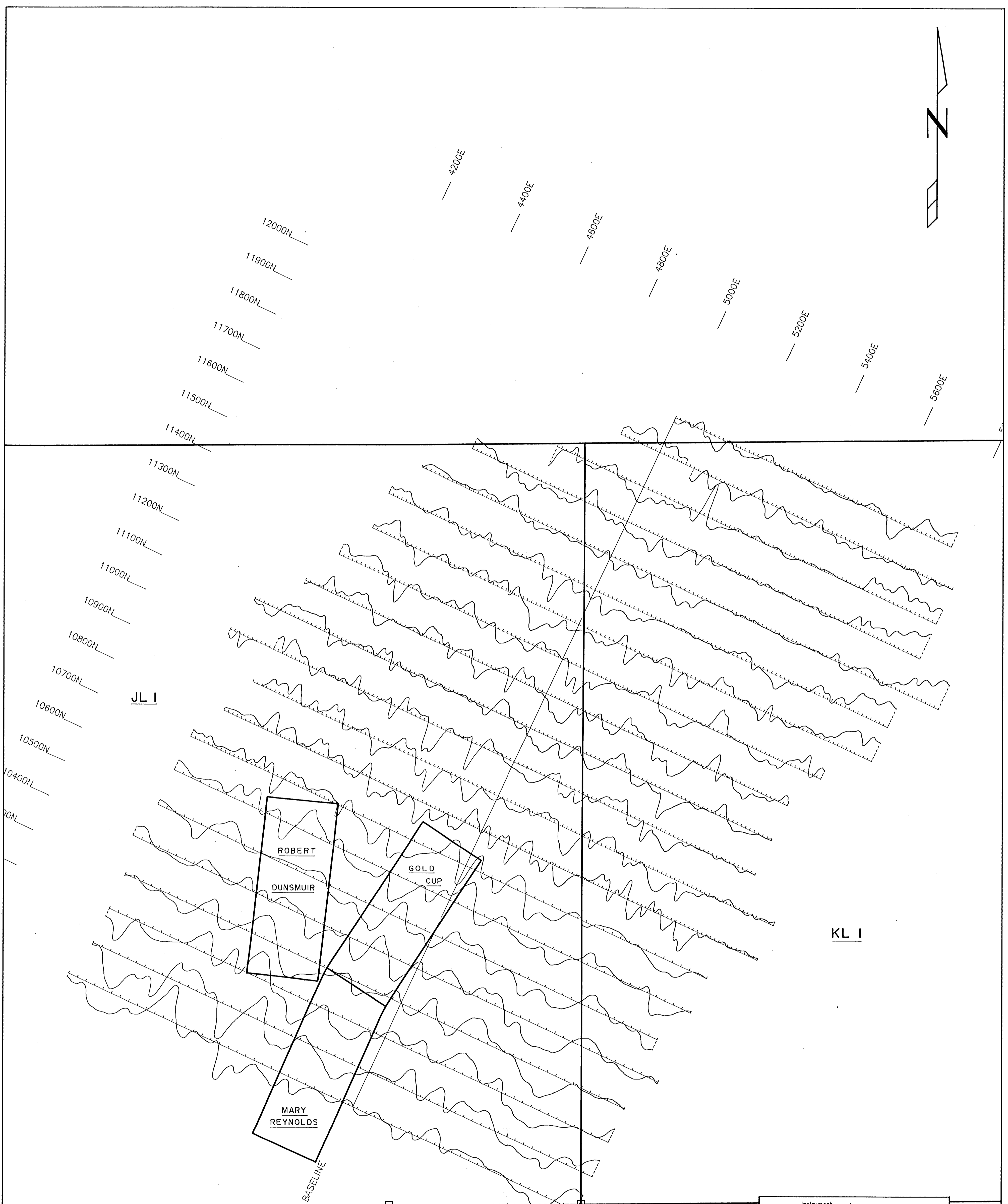
JL 2



DRAWING # 19

ROCHESTER OPTION	
VLF-EM SURVEY	
PROJECT : ROCHESTER OPTION PROJECT # : 69 BASELINE AZIMUTH : 25 Deg.	
SCALE = 1: 5000	DATE : 9/ 5/87
SURVEY BY : WK	NTS : 921/08
FILE: V69ROC	FREQ.: 23.4 KHz.
NORANDA EXPLORATION	

Scale of 1:5000
Vertical Scale: 1 cm = 50%



JL 1

KL 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,163

Instrument :
Vertical Scale: 1 cm = 50%

Dip Angle : — x —

JL 2

ROCHESTER GRID

TERRAIN SLOPE (%)
(FACING EAST)

PROJECT : ROCHESTER OPTION PROJECT # : 169
BASELINE AZIMUTH : 25 Deg.

SCALE = 1: 5000 DATE : 9/ 5/87
SURVEY BY : WK NTS : 921/08
FILE: V169SLO FREQ.:

NORANDA EXPLORATION



DRAWING # 20