ASSESSMENT

GEOLOGICAL, GEOCHEMICAL and GEOPHYSICAL REPORT

on the

RDN AND GOZ MINERAL CLAIMS

N.T.S. 104 B/15E, 104 G/2E
LIARD MINING DIVISION

Situated at: 56' 58' N
130' 38' W

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

REPORT BY: MIKE SAVELL

NOVEMBER, 1990

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1.0 SUMMARY

This report describes geological, geochemical, and geophysical activities undertaken by Noranda Exploration Company, Limited between June 15 and October 1, 1990 on the RDN and GOZ mineral claims in the Liard Mining Division. A total of 116 mandays were spent and approximately 20 square kilometres were mapped and prospected, and 1384 soil samples were collected and analyzed. Sixty kilometres of gridlines were emplaced for control purposes. A total of 14.4 line kilometres of ground magnetic and 17.4 kilometres of ground electromagnetic surveys were completed over selected areas.

The property is underlain by Triassic Stuhini Group volcanics and sediments and Jurassic Hazelton Group rocks which include Mt. Dilworth Formation felsic tuffs and Eskay Creek Facies black siltstones and argillites. These are juxtaposed against Permian metavolcanics and metasediments by the north trending Forrest Kerr Fault which transects the property.

The felsic rocks occur in a large fault bounded wedge at the centre of the claim which has been intruded by coeval, coarse feldspar porphyritic intrusives. Hydrothermal systems generated by these intrusives have produced a large alteration zone manifested by a prominent gossan. Widely scattered occurrences of quartz-sulphide veins with significant Au, Ag, Cu, Zn and Pb values (up to 12.2 gmt Au/2.1 m in outcrop, 102.2 gmt Au in float) are believed to be related to the hydrothermal system. Showings located to date are narrow and discontinuous but their grade and number indicate a significant mineralizing system capable of having produced an economic orebody.

In areas of thin overburden, mineralization and alteration are reflected by strong soil geochemistry anomalies. Ground geophysics on selected preliminary airborne EM anomalies did not locate any responses that could be attributed to sulphide mineralization.

Additional target definition is warranted to evaluate the source of semi-massive sulphide float in Carcass Creek yet to be located, on untested high grade gold occurrence at the south of the property, several unexplained soil geochemical anomalies, and additional airborne geophysical anomalies the final report is expected to yield. Drill testing to evaluate the Wedge Zone, main gossan, and additional targets located by the above work is proposed.

2.0 INTRODUCTION

2.1 GENERAL REMARKS

This report describes geological, geochemical and geophysical undertaken by Noranda Exploration Company, Limited between June 15 and October 1, 1990 on the RDN and GOZ mineral claims in the Liard Mining Division. The claims were staked to secure several large gossanous areas in the Iskut River area of Northwestern B.C. The RDN claims are currently under option to Noranda; the GOZ claims are 100% owned by Noranda. An agreement between Noranda and High Frontier Resources will allow High Frontier to attain a 50% interest in the claims by funding $1,000,000 in exploration expenditures. The 1990 program was totally funded by High Frontier.

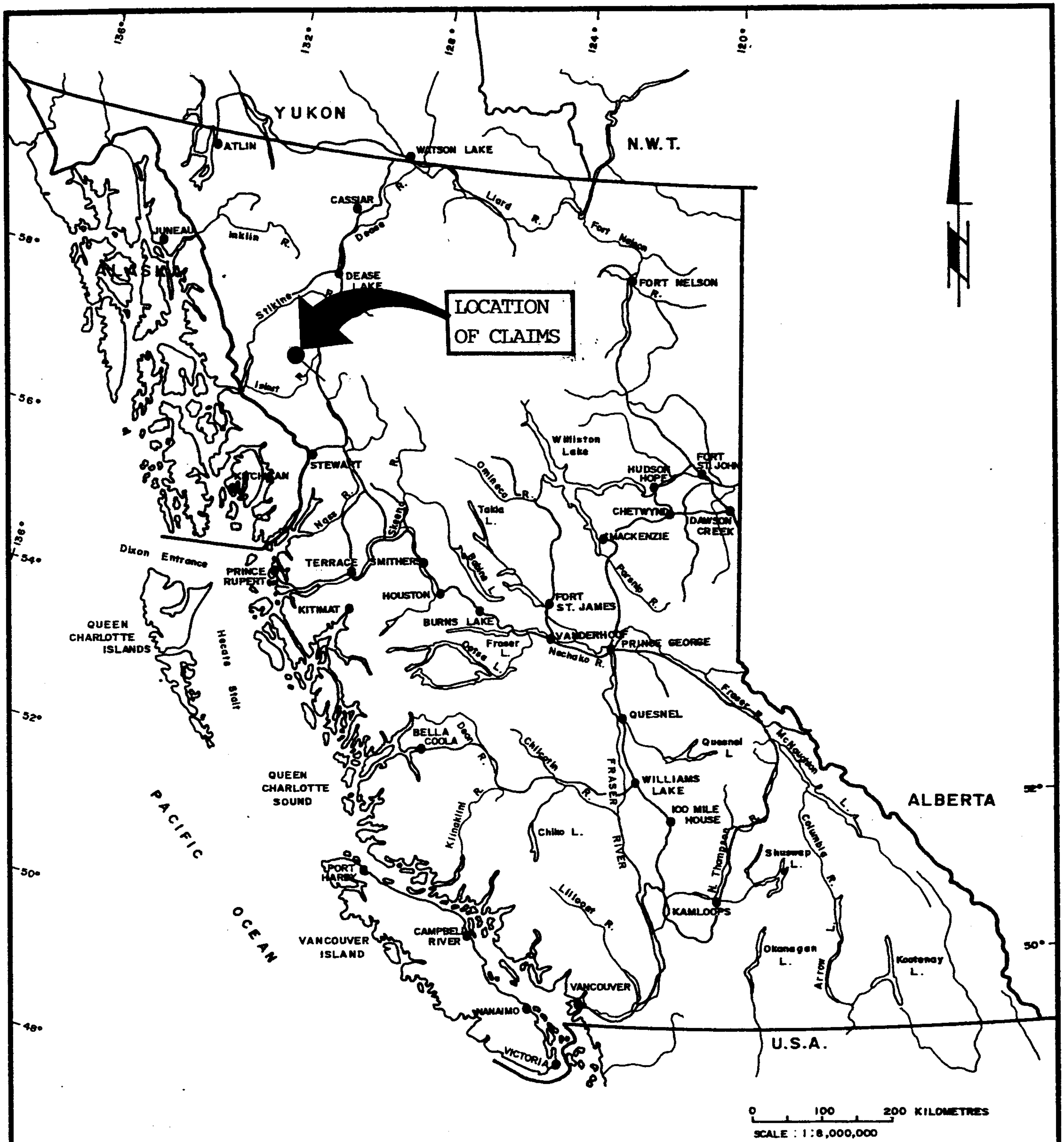
A total of 116 mandays were spent and approximately 20 square kilometres were mapped and prospected and 1384 soil samples were collected and analyzed. Sixty kilometres of gridlines were emplaced for control purposes. A total of 14.4 line kilometres of ground magnetic and 17.4 kilometres of ground electromagnetic surveys were completed over selected areas.

The property comprises two groups of claims, the RDN and GOZ groups, and a statement of cost for each is provided in Appendix II. For sake of completeness the work has been compiled into a single report.

2.2 LOCATION AND ACCESS

The claims are located 115 kilometres north- northwest of Stewart, B.C. and 25 kilometres west of Bob Quinn Lake Highways Maintenance camp on the Stewart-Cassiar Highway (figure 1). A short gravel airstrip is located at the headwaters of Forrest Kerr Creek about 10 kilometres to the southwest. The proposed route of the Iskut River road comes within 15 kilometres of the claims.

Access is currently by helicopter. For this program both Hughes 500D and Bell 206 helicopters were chartered from Vancouver Island Helicopter's Bob Quinn Lake base. From June 15 to September 8 accomodation was provided by trailers at the Bob Quinn camp. From September 9 to October 15 by a large tent camp was established at the confluence of More Creek and Carcass Creek and a "fly" camp established near the centre of the gridded area.



REVISED	RDN AND GOZ PROPERTY
	PROPERTY LOCATION MAP

PROJ. No. 296 — SURVEY BY: M.S. — DATE: Nov. 1990

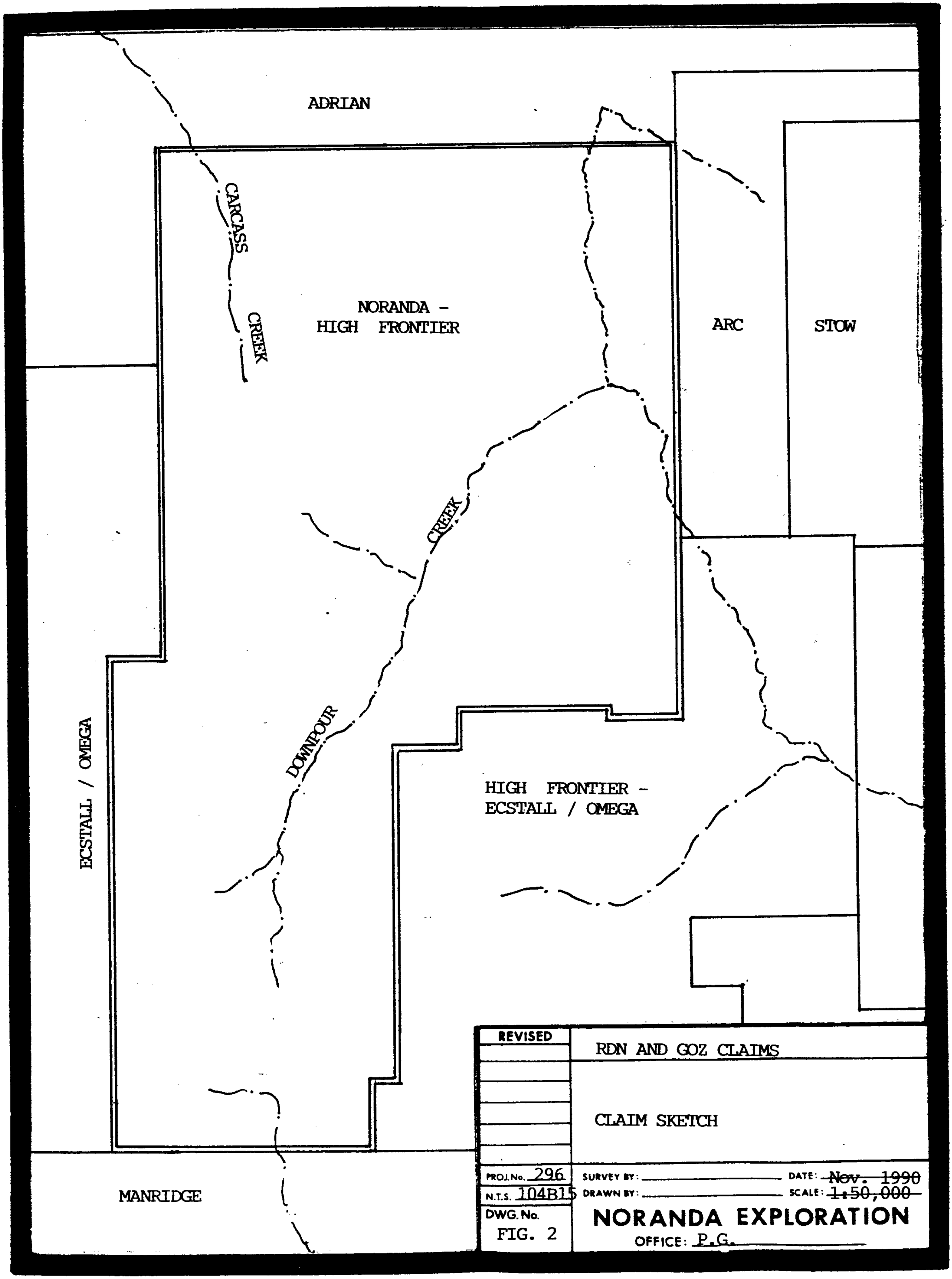
N.T.S. 104G2 — DRAWN BY: S.K.B. — SCALE: 1:8,000,000

DWG. No. FIG. 1

NORANDA EXPLORATION

OFFICE: PRINCE GEORGE, B.C.

VANCAL 11927



REVISED

RDN AND GOZ CLAIMS

CLAIM SKETCH

PROJ. No. 296
N.T.S. 104B15
DWG. No. FIG. 2

SURVEY BY:
DRAWN BY:
DATE: ~~Nov. 1990~~
SCALE: ~~1:50,000~~

NORANDA EXPLORATION

OFFICE: P.G.

2.3 PHYSIOGRAPHY

The property is within the Boundary Ranges of the rugged Coast Mountains. Paralleling steep sided U-shaped valleys trending north and northeast and fed by several ice filled steep walled cirques dominate the area. Elevations range from about 900 to 2000 metres. Approximately 80% of the area can be easily traversed whereas the remainder is covered with glaciers and cliffs.

There is very little timber above 950 metres due to the steep slopes and heavy snowfall. Between 950 and 1350 metres most slopes are covered with a dense covering of slide alders, devils club, willows, buck brush and tall grasses typical of a cool, wet coastal alpine environment.

2.4 CLAIM DATA

The property comprise 120 contiguous units of modified grid claims as shown in figure 2 and listed below.

TABLE 2. Claim Data

Name	Units	Record #	Record Date	Expiry Date
RDN-1	10	4341	11/09/87	11/09/93
RDN-2	10	4342	11/09/87	11/09/93
RDN-3	10	4343	11/09/87	11/09/93
RDN-4	10	4344	11/09/87	11/09/93
GOZ-1	20	6517	10/05/90	10/05/93
GOZ-2	20	6518	10/05/90	10/05/93
GOZ-3	20	6519	10/05/90	10/05/93
GOZ-4	20	6520	10/05/90	10/05/93

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

2.5 PREVIOUS WORK

Assessment reports previously filed on the claims include "Prospecting Report on the RDN 1-4 Mineral Claims" by Neil Debock in 1989 and "Geochemical Report on the RDN 1-4 Mineral Claims" by M. Savell in 1990. Claims have been held on the same ground by other parties in the past but no evidence of significant exploration was observed. Active precious metal properties nearby include the Forrest Kerr property 10 kilometres to the south, the Foremore property 20 kilometres to the west-northwest, the McLymont Creek property 22 kilometres to the southwest, and the Eskay Creek property 35 kilometres to the south.

3.0 GEOLOGY

3.1 REGIONAL GEOLOGY

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

The Paleozoic Stikine Assemblage is the oldest assemblage and contains three distinct, mainly volcanic-carbonate divisions: Early Devonian limestones and intermediate to felsic volcanics, Mississippian bioclastic limestones, and Permian fragmental volcanics and limestone. These rocks are generally metamorphosed and highly deformed.

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

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

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

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

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

The prime target of current exploration on the property is a precious metal enriched polymetallic massive sulphide deposit similar to Eskay Creek. The Eskay Creek deposit is contained within black argillites and mudstones of the Eskay Creek Facies immediately hanging wall to felsic volcanics of the Mt. Dilworth Formation. The deposit consists mainly of pyrite, sphalerite, and galena with minor arsenic, antimony and mercury sulphides in both stratiform and crosscutting massive and stringer zones. Both exhalative and epithermal processes may have contributed to the formation of the deposit.

3.2 PROPERTY GEOLOGY

The geology of the property is plotted at a scale of 1:10,000 on figure 3. This map is augmented with data obtained from recently released G.S.C. and G.S.B. open file maps particularly the area west of the Forrest Kerr fault and the area of Triassic rocks to the southeast. A 1:2,500 geological plan of the main area of interest is shown on figure 4. Base maps are enlargements of government 1:50,000 scale topographic maps. Detail mapping control was provided by the survey grid described later in the Geochemistry section.

3.2.1 Surficial Geology

Approximately 95% of the ice free area is covered with overburden that ranges from a relatively thin felsenmeer and talus cover on rounded ridge tops to a thick accumulation of alluvium and outwash of the order of tens of metres in the major valleys. Valley sides are mostly covered with thin talus and poorly developed, slumping soils that thicken downslope. Most outcrop is limited to steep ridge tops, cirque walls and the steep tributaries that have incised the valley walls. Glacial ice covers about 15% of the property, mostly along the western edge. At the base of the main gossan, a 50 metre by 400 metre long zone of ferricrete (Fe and Mn oxide cemented talus and overburden fragments) has accumulated where springs exit the hillside and is still actively forming.

3.2.2 Lithologies

Permian Rocks (Stikine Assemblage)

Unit 1 - Medium grained, dark green to black, foliated hornblende quartz diorites intrude Permian rocks west of the Forrest Kerr fault. Weak pyritic hornfelsing and barren quartz veining were observed at exposed contacts.

Unit 2 - Consists of foliated grey-green plagioclase porphyry and phyllitic to schistose tuffaceous siltstone and wacke.

Unit 3 - Interfingering with unit 2 are black, variably graphitic phyllitic shales, siltstones and cherts.

Upper Triassic Rocks

Unit 4 - Undivided Stuhini Group lithologies on the property include massive green tuff, well bedded green tuffaceous wacke, grey argillite and minor limestone.

Middle to Lower Jurassic Rocks

Unit 5 - Occurs in a fault bounded wedge at the centre of the property and was the focus of most of the exploration of this program. It comprises pale green, grey and brown rhyolite crystal-vitric tuff, feldspar porphyritic rhyolite and minor aphyric flows considered equivalent to the Mt. Dilworth Formation.

Unit 6 - Coarse white feldspar, quartz and megacrystic potassium feldspar porphyritic felsites are possible intrusive equivalents to unit 5. The white feldspar porphyritic variety has a grey, very fine groundmass with between 5 and 25 % very fine disseminated pyrite and is probably the source of the iron forming the ferricrete. Widespread argillic and sericitic alteration is associated with these intrusives.

Unit 7 - Comprises a thick package of dark grey to black siltstone and argillite with minor sandstone and rare orange-brown limestone. The G.S.C. considers these sediments part of the "Eskay Creek Facies" that hosts the Eskay Creek deposits.

Unit 8 - Also part of the "Eskay Creek Facies", this unit consists of dacitic to andesitic pillows, tuffs and breccias interbedded with unit 7.

Unit 9 - Comprises dark green to brown, foliated and sheared gabbro and diorite that probably represent feeder sills and dykes of the above unit. It is usually located immediately east of the contact between unit 5 and 7.

Tertiary Rocks

Unit 10 - Aphyric, pale grey, cherty felsite intrusives were observed at several localities on the east side of the property. Immediately north of the property between More and Downpour Creeks resistant knobs of buff weathering similar Tertiary felsite bodies intrude argillites of unit 7.

3.2.3 Structure

The first phase of deformation, accompanied by low grade regional metamorphism, produced widespread phyllite and foliated greenstone in Permian rocks west of the Forrest Kerr Fault. A second phase of folding affected rocks as young as Upper Jurassic but most deformation and foliation is restricted to incompetent sedimentary rocks. Fold axes generally trend north to north-northwest. Bedding in the felsic volcanic package of unit 5 is very difficult to ascertain but most observations suggest a moderate west to west-southwest dip.

The most important fault on the property is the north trending Forrest Kerr Fault which has been traced from south of the Iskut River to as far north as the Mess Creek area. Work by Read, et al (1989) indicates the fault is vertical to dipping steeply east. Offsets of mappable units suggest a minimum vertical displacement of 2 kilometres and a left lateral strike slip of 2.5 kilometres. There are several north-northwest trending faults that cut the Jurassic stratigraphy east of the Forrest Kerr Fault, which appear to offset it at the far northwest corner of the property. A northeast trending structure is interpreted to occupy the Downpour Creek valley to explain the contrasting lithologies across it.

3.2.4 Alteration

Significant alteration is restricted to felsic rocks of unit 5 and 6. Most common is a widespread and pervasive silicification accompanied by development of Mn and Fe carbonates producing a black to dark reddish purple rind on the surface. Development of disseminated pyrite and sericitic alteration is common within and peripheral to unit 6. This alteration is manifested by a prominent buff yellow to rusty orange red gossan that is outlined on figures 3 and 4.

3.2.5 Mineralization

Mineralization is widespread in the wedge of felsic volcanics and associated intrusives at the centre of the property. On the east side of Carcass Creek Valley, angular and rounded boulders of quartz, brecciated quartz and silicified and veined felsic volcanics are mineralized with chalcopyrite, sphalerite, galena, pyrite and minor arsenopyrite. The wall rock is felsic volcanic that is silicified and heavily Fe stained commonly with minor to trace amounts of fine disseminated sphalerite and galena. Total sulphide content generally averages about 5 to 10% but boulders of near massive sulphide with diameters up to about 0.5 metres occur. Values up to 92,500 ppb Au with significant Ag, Cu, Pb, and Zn concentrations have been detected in these boulders which range up to 1 metre in diameter and have been found over a length of 3 kilometres. Prospecting has located several in situ occurrences of similar mineralization, the most significant of which are described below.

L12000N area - Discontinuous, narrow quartz-sulphide veins have been located in steep rock faces at and immediately north of the soil grid anomaly on L12000N. The structures are all less than a metre wide and have limited strike length. The structures appear to dip moderately to steeply east.

Waterfall Zone (11825N, 8915E) - A discontinuous, pinching and swelling quartz-sulphide vein is intermittently exposed for about 50 metres. The structure appears to dip about 40 to 50 degrees to the east into the slope.

L11600N, 9250E - A 0.3 to 1.5 metre thick quartz vein in a silicified heavily Fe stained area can be traced for about 75 metres.

Wedge Zone - Several narrow, discontinuous structures are exposed in steep cliffs immediately above the area in Carcass Creek where the highest grade float samples are located. Most dip moderately to the east but a few were observed to have a steep westerly dip. These structures are certainly the sources for some of the boulders in the Carcass Creek valley, however mineralization of the grade and width of the larger semi-massive sulphide boulders has not been observed.

Buff Zone - This zone is immediately south of the wedge zone and consists of a buff weathered, quartz-sericite altered zone centred about a north-northwest trending fault.

Geochem Anomaly 3 - On the ridge between Carcass and Downpour Creeks numerous narrow, discontinuous veins and stringers of quartz-Fe carbonate with minor sulphides have been located. Au values are negligible. This may be due to a vertical zonation of metals in the mineralizing system as this area is at a considerably higher elevation than the lower gold bearing zones.

Saddle Zone - Several mineralized quartz vein structures occur in this area with apparent widths up to 8 metres.

Gossan Creek Zone - A silicious zone within argillic altered feldspar porphyry returned strongly anomalous Au values over a 6 metre chip. The zone appears to have limited continuity which is reflected by the size of the geochem anomaly. This occurrence is unique in that sulphides are noticeably absent.

L8900N, 9775E - A narrow quartz-sulphide vein in a silicified shear zone 0.2 metres wide contains 15% sphalerite and galena, but contained only anomalous values of gold. Similar float in the area also contains low Au values.

Marcasite Zone - This prominent gossan in the Downpour Creek valley was the prime reason the RDN claims were staked. It consists of a strongly silicified body of porphyritic rhyolite with numerous narrow veins and anastomizing stringers of coarse marcasite after pyrite, with grey to black chalcedonic quartz and minor pyrobitumen. Sulphides make up to 10 to 20% of the rock, however Au and base metal values are negligible. Previous sampling had returned Ag values up to 208 gm/t.

South Gossan Zone - This is similar to the marcasite zone, however the degree of silicification is lower and overall sulphide content ranges between 2 and 5%. No significant values were detected.

South Boundary Zone - A grab sample from a narrow silicified zone with a thin veinlet of chalcopyrite returned showed significant

Au concentrations. The sample was collected late in the season and a complete evaluation has not been made.

There are a few scattered narrow quartz-sulphide veins that outcrop on the steep slope between the Buff and Saddle zones. The observed strike extent of these structures is less than 25 metres. At the base of the main gossan on the west side of Downpour Creek valley there are several angular boulders of intensely silicified volcanic with up to 1.66% Cu but negligible Au.

4.0 GEOCHEMISTRY

4.1 Soil Geochemistry

A total of 1384 soil samples were collected and analyzed for Au and the I.C.P. suite of elements. Samples were collected from the "B" soil horizon where possible, however due to local poor soil development and slumping, the only material available at many sites was coarse "C" horizon mixed with talus. Where only coarse material was sampled and less than 10 grams of minus 80 mesh material was available for gold analyses, a 5 gram sample was used. These stations are indicated with an asterisk on the lab reports. The soil was placed in a Kraft paper envelope and shipped to the geochemical lab of Noranda Exploration at 1050 Davie Street, Vancouver, B.C. Details of the analytical procedure is given in Appendix III, and lab reports are listed in Appendix IV. Figures 5 through 11 are grid plots of results with selected contour intervals for Au, Ag, Cu, Pb, Zn, As and Sb.

Samples were collected at 25 metre stations along wing lines spaced 100 metres apart. The grid was established by compass/ hipchain and stations are marked with 0.5 metre pickets. A baseline azimuth of 010 degrees was chosen as this is perpendicular to the average strike of vein, gossan, and bedding attitudes. All of the main gossan and associated felsic rocks were covered, as well as areas of the surrounding geology to the north and south.

Soil results from the grid area show a wide range and high average of metal concentrations reflecting an above average concentration in the underlying felsic rocks. Values above 40 ppb Au, 1 ppm Ag, 75 ppm Cu, 200 ppm Pb, 500 ppm Zn, 50 ppm As and 6 ppm Sb are considered anomalous. Several areas stand out as significant anomalies and have been labelled anomalies 1 to 6 on figure 5. Each has its own characteristics which are outlined below.

Anomaly 1 - Centred at 12000N, 8800E and is about 200 m wide by 100 m long and is open to the north. It contains the highest values on the grid: up to 4390 ppb Au, 11.9 ppm Ag, 723 ppm Cu, 3881 ppm Pb, 2281 ppm Zn, 363 ppm As and 51 ppm Sb. It occurs on a steep slope with abundant talus and several exposures of mineralized rock. Most of the material available for sampling consist of fine talus and C horizon containing mineralized rock. North of L12000N the slope steepens to a cliff for the next 800 metres.

Anomaly 2 - Centred at 11500N, 9050E and is about 200 to 400 m wide by 500 m long, with a distinct narrow zone flanking the east (upslope) side. The main zone contains values up to 118 ppb Au, 1269 ppm Pb, 1724 ppm Zn and 23 ppm Sb. The east zone exhibits strong values in Au, Ag, Pb, Zn, As and Sb. This anomaly occurs on a moderately west sloping talus and meadow covered area bounded on the east by a small glacier. Mineralization has been observed in scattered outcrops in both the main and east zones.

Anomaly 3 - Centred at 10700N, 9400E and is about 500 m wide by 700 m long. Values up to 2615 ppm Pb and 2872 ppm Zn occur in this zone. Au, Ag, Cu, As and Sb are noticeably absent. This anomaly is centred about the high ridge between Carcass and Downpour Creek in a talus and meadow covered area. Again there was minor mineralization observed in scattered outcrops throughout the zone.

Anomaly 4 - Centred at L10500N, 9975E and is about 100 m wide by 200 m long. Values up to 78 ppb Au, 2.2 ppm Ag, 226 ppm Pb, 732 ppm Zn, and 123 ppm As were detected. The zone is completely overburden covered in a high alpine meadow.

Anomaly 5 - Centred at about L10000N, 10850E and is at least 400 m long and 50 m wide but is not completely delineated as it extends to the east into deep overburden. Values up to 240 ppb Au, 13.2 ppm Ag and 330 ppm Zn were obtained. Pb, As and Sb were not determined on samples in this part of the grid. The anomaly occurs at the base of the gossan slope and is completely overburden covered.

Anomaly 6 - Centred at L9400N, 9800E and consists of scattered small clusters of stations with values up to 5 ppm Ag, 502 ppm Pb, 1208 ppm Zn, 285 ppm As and 20 ppm Sb. The anomaly occurs on a moderately sloping talus and meadow covered hill with sparse outcrop.

Other anomalous zones worth noting include a string of Au values ranging up to 104 ppb along L10500N from 9400 to 9900E that were collected along a south facing talus slope and reflect weak and spotty mineralization in rocks adjacent to the intrusive. There is an Au anomaly up to 410 ppb centred at L11300N, 9700E that is the only anomaly detected east of the felsic volcanic package and is yet to be explained. South of anomaly 3, around L10300N, 9400E just east of the Saddle Zone there are several significant coincident Au and Ag values (up to 280 ppb and 6 ppm) in an overburden covered area in which numerous mineralized float boulders have been observed. At L10100N, 9875E a cluster of Au values up to 500 ppb anomalies reflects the mineralization of the Gossan Creek Zone.

5.0 GEOPHYSICS

In September 1990 an airborne electromagnetic and magnetic survey of the entire property was completed. Ground HLEM and magnetic surveys were made of a number of prioritized anomalies provided by the contractor upon completion of the survey. It was found that the locations of the anomalies on the "redball" map were as much as 500 metres from their actual location as determined from the ground surveys. Geophysical data is presented on figures 12 through 20 and the geophysicist's report is provided in Appendix V.

Target 1 - EM anomaly located in Permian black phyllites west of the Forrest Kerr fault. Sufficient exposures are found along the conductor axis to attribute the response to carbonaceous, graphitic and pyritic black phyllites.

Target 2 - Two targets were tested by this survey. The west target is a weak conductive zone trending with Gossan Creek. It is attributed to a zone of strong argillic alteration centred about the fault that the creek follows. The Gossan Creek occurrence is found in silicified rocks on the south side of this zone. The east target occurs at Downpour Creek in an area of heavy overburden and its location was not determined with confidence by either HLEM or VLF.

Target 4 - Located on the east side of Carcass Creek valley in an entirely overburden covered area, approximately 200 metres west of the L12000N zone mineralization. The data suggests a contrast in resistivities due to a lithological change, with the least resistive unit on the west. This response is attributed to a contact between black carbonaceous argillites of unit 7a and felsic volcanics of unit 5.

Target 5 and 6 - These appear to be coincident with a strip of black argillites of unit 7a as indicated by the "redball" map. The ground survey detected no features of interest.

Target 7 - Located in Permian carbonaceous black phyllites west of the Forrest Kerr fault.

6.0 CONCLUSIONS

The RDN and GOZ claims host a significant hydrothermal system generated by a feldspar porphyry intrusion probably coeval with felsic volcanics of the Mt. Dilworth Formation. The system produced widespread alteration and mineralization consisting of precious metal and sulphide enriched quartz veins, stringer and silicified zones within and peripheral to the intrusive. Occurrences discovered on surface to date are narrow and discontinuous however the favourable setting and limited testing completed to date suggests good economic potential remains.

7.0 RECOMMENDATIONS

Additional target definition in prospective areas outlined by the 1990 program using geological, geochemical and geophysical surveys, combined with testing of existing targets with diamond drilling is recommended.

APPENDIX I

STATEMENT OF QUALIFICATIONS

APPENDIX I

STATEMENT OF QUALIFICATIONS

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

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

2. I am a graduate of Dalhousie University with a Bachelor of Science (Honors) in Geology (1980).

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

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

Michael J. Savell
Project Geologist
NorandaExploration Company,Limited
(no personal liability)

APPENDIX II

STATEMENT OF COSTS

CLAIMS: RDN 1, RDN 2, RDN 3, RDN 4
REPORT TYPE: GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL
DATES: JUNE 15 - OCTOBER 1, 1990

a)	WAGES: No. of Days - 39 Rate per day - $155.43 Dates from - 06/15/90 to 10/01/90 Total:	$ 6,061.77
b)	FOOD, ACCOMMODATION AND SUPPLIES: No. of Days - 39 Rate per day - $58.80 Dates from - 06/15/90 to 10/01/90 Total:	$ 2,293.20
c)	TRANSPORTATION: No. of Days - 39 Rate per day - $219.65 Dates from - 06/15/90 to 10/01/90 Total:	$ 8,566.35
d)	ANALYSIS: 345 soil samples for 28 element ICP and Au @ $10.25 each	$ 3,536.25
e)	COST OF PREPARATION OF REPORT: Author $ 250.00 Drafting $ 150.00 Typing $ 100.00 Data Processing $ 345.00 Total:	$ 745.00
	TOTAL COST:	$ 21,202.57

STATEMENT OF COSTS

CLAIMS: GOZ 1, GOZ 2, GOZ 3, GOZ 4
REPORT TYPE: GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL
DATES: JUNE 15 - OCTOBER 1, 1990

a) WAGES:
No. of Days - 77
Rate per day - $155.43
Dates from - 06/15/90 to 10/01/90
Total: $ 11,968.11

b) FOOD, ACCOMMODATION AND SUPPLIES:
No. of Days - 77
Rate per day - $58.80
Dates from - 06/15/90 to 10/01/90
Total: $ 4,527.60

c) TRANSPORTATION:
No. of Days - 77
Rate per day - $219.65
Dates from - 06/15/90 to 10/01/90
Total: $ 16,913.05

d) ANALYSIS:
975 soil samples for 28 element ICP and Au @ $10.25 each $ 9,993.75

e) COST OF PREPARATION OF REPORT:

Author	$ 250.00
Drafting	$ 150.00
Typing	$ 100.00
Data Processing	$ 975.00

Total: $ 1375.00

TOTAL COST: $ 44,777.51

APPENDIX III

ANALYTICAL PROCEDURE

ANALYTICAL PROCEDURE

Soils, Silts, Rocks

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

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

Heavy Mineral Concentrates

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

APPENDIX IV

CERTIFICATES OF ANALYSIS - SOILS

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
105051	1	51	15	181	.2	33	19	999	4.46	31	5	ND	1	128	.8	2	4	42	2.64	.088	7	20	1.58	71	.01	6	.69	.01	.06	1
105052	2	62	7	96	.2	27	26	1124	6.03	27	5	ND	1	37	.2	2	2	69	.55	.123	6	11	1.14	194	.02	3	1.42	.01	.04	1
109916	2	68	10	115	.1	16	30	2231	6.74	19	5	ND	2	24	.2	2	6	79	.45	.130	23	13	.86	558	.02	5	1.87	.01	.08	1
109917	2	46	10	81	.1	11	14	809	4.32	8	5	ND	1	12	.2	2	2	66	.08	.132	7	17	.66	138	.01	4	2.19	.01	.05	1
109918	2	60	15	91	.4	15	21	1642	5.84	14	5	ND	1	15	.2	2	4	68	.18	.119	13	17	.71	273	.01	2	2.38	.01	.05	1
109919	10	94	21	101	.1	42	27	921	5.49	33	5	ND	1	15	.2	2	6	30	.20	.053	8	7	.15	112	.01	2	.92	.01	.05	1
109920	5	145	2	135	.3	20	46	3450	10.92	32	5	ND	3	22	.8	2	6	115	.34	.080	11	13	.59	278	.01	2	1.33	.01	.06	1

246
Assay
Results.

NORANDA VANCOUVER LABORATORY

_ROPERTY/LOCATION:RDN

CODE : 9007-018

Project No. :296
Material :49 SILTS
Remarks :7 SOILS
23 PANS

Sheet:1 of 2
Geol.:M.S.

Date rec'd:JUL 04
Date compl:AUG 15

Values in PPM, except where noted.

T.T. No.		SAMPLE No.		PPB Au
36	Silt	104241		5
37		104242		5
38		104243		5
39		104244		5
40		104245		5
41		104246		5
42		104247		5
43		104248		5
44		104249		5
45		104250		30
46		104326		5
47		104327	-35 MESH	5
48		104328		5
49		104329		5
50		104330		5
51A		104331		5
52		104332		5
53		104333		5
54		104334		5
55		104335		20
56		104336		5
57		104337		5
58		104338		5
59		104339		5
0		104340		5
61		104341		5
62		104342		5
63		104343		5
64		104345		5
65		104346		5
66		104347		5
67		104348		5
68		104349	-35 MESH	5
69		104350		5
70		105023	-35 MESH	5
71		105024		5
72		109139	-35 MESH	5
73		109140		5
74		109141	-35 MESH	5
75		109142		5
76		109143		5
77		109144		5
78		109145		5
79		109146		5
80		109147	-35 MESH	5
81		109148		5
82		109149	-35 MESH	5
83		109150		5
84	Silt	109914		5
85	Soil	105051		5
86		105052		5
87		109916		5
88		109917		5
89		109918		5
90		109919		5
91	Soil	109920		5

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NORANDA VANCOUVER LABORATORY

.OPERTY/LOCATION:RDN — CODE : 9007-024

Project No. :296 — Sheet:1 of 5 — Date rec'd:JUL 6
Material :313 SOILS — Geol.:M.S. — Date compl:JUL 27
Remarks :2 SILTS

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Ag	PPB Au
2	Silt 105036	32	120	0.2	5
3	Silt 105037	16	62	0.2	5
4	9500N-10000E	12	230	0.3	5
5	10025	18	250	0.3	5
6	10050	18	164	0.4	5
7	10075	40	520	0.8	5
8	10100	16	200	0.2	5
9	10125	44	150	0.1	5
10	10150	36	170	0.3	5
11	10175	104	148	0.6	5
12	10200	100	120	0.1	5
13	10225	56	130	0.4	5
14	10250	52	180	0.2	5
15	10275	26	122	0.4	15
16	10300	36	120	1.0	5
17	10325	46	170	0.8	5
18	10350	38	126	0.4	5
19	10375	42	180	0.3	5
20	10400	24	184	0.5	5
21	10425	22	120	0.7	5
22	10450	28	118	0.4	5
23	10475	24	80	0.4	5
24	10500	44	200	0.3	5
25	10525	32	134	0.3	5
5	10550	28	126	1.0	5
/	10575	20	130	0.3	5
28	10600	42	138	0.3	5
29	10625	34	112	0.3	5
30	10650	18	20	0.7	5
31	9500N-10675E	34	190	0.4	5
32	9600N-10350E	20	90	0.5	5
33	10375	30	82	0.6	5
34	10400	40	42	0.1	5
35	10425	48	34	0.1	5
36	10450	42	32	0.2	5
37	10475	50	36	0.1	5
38	10500	14	38	0.1	5
39	10525	12	36	0.1	5
40	10550	6	22	0.1	5
41	10575	6	18	0.1	5
42	10600	6	20	0.1	5
43	10625	4	16	0.1	5
44	10650	4	26	0.1	5
45	9600N-10675E	4	16	0.1	5
46	9700N-10000E	38	142	0.2	5
47	10025	34	104	0.1	5
48	10050	24	96	0.4	5
49	10075	18	82	0.3	5
50	10100	22	158	0.1	5
51	10125	16	80	0.5	5
52	10150	12	56	0.2	5
53	10175	24	124	0.1	5
54	10225	18	114	0.2	5
55	10250	34	38	0.1	5
56	10275	8	20	0.1	55
57	10300	14	36	0.1	5
58	10325	6	22	0.1	5
59	10350	14	38	0.1	5
0	10375	48	100	0.4	5
1	10400	24	66	0.2	5
62	10425	8	30	0.1	5
63	9700N-10450E	76	70	0.1	5

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T.T.	SAMPLE No.		Cu	Zn	Ag	PPB Au
64	9700N-10475E		64	82	0.1	5
65	10500		34	90	0.1	5
66	10525		18	36	0.1	5
67	10550		44	74	0.3	5
68	10575		48	102	0.2	5
69	10600		26	64	0.4	5
70	10625		66	200	0.2	5
71	10650		52	106	0.5	5
72	10675		24	164	0.3	5
73	10700		60	160	0.3	5
74	10750		10	38	0.2	5
75	9700N-10800E		22	100	0.1	5
76	9800N-10025E		12	50	0.2	5
77	10050		10	30	0.2	5
78	10075		18	136	0.1	5
79	10100		36	86	0.1	5
80	10175		26	210	0.7	5
81	10225		18	120	0.1	5
82	10250		18	104	0.2	5
83	10275		6	18	0.1	5
84	10300		8	20	0.1	10
85	10350		6	22	0.2	5
86	10375		10	26	0.1	5
87	10400		12	34	0.1	10
88	10425		8	28	0.2	5
89	10450		110	42	0.1	55
90	10475		12	132	0.5	5
91	10500		16	66	0.3	5
92	10525		18	130	0.3	5
93	10550		4	22	0.1	5
94	10575		10	44	0.1	5
95	10650		52	254	0.1	5
96	10675		18	114	0.3	5
97	10700		20	72	0.1	5
98	10725		16	64	0.7	5
99	9800N-10750E		16	60	1.0	5
100	CHECK NL-6		52	146	1.0	-
101	9800N-10800E		10	48	0.4	5
102	10850		22	78	0.2	10
103	10875		16	72	0.4	5
104	10900		16	78	0.3	5
105	9800N-10925E		58	142	0.2	70
106	9900N-9775E		34	290	0.3	5
107	9800		12	82	0.2	5
108	9850		26	204	0.2	5
109	9950		10	120	0.1	5
110	9975		40	350	0.4	5
111	10000		36	220	0.2	5
112	10025		28	200	0.2	15
113	10050		24	80	0.1	10
114	10100		12	48	0.1	5
115	10125		6	24	0.1	5
116	10150		22	24	0.1	5
117	10175		26	40	0.1	5
118	10200		38	380	0.6	5
119	10225		22	44	0.1	5
120	10250		20	28	0.1	5
121	10275		22	44	0.1	5
122	10300		6	30	0.2	5
123	10325	-35 MESH	6	14	0.1	5
124	10350		162	36	0.1	5
125	10375		136	54	0.1	5
126	10400	-35 MESH	20	68	0.2	5
127	10425		6	26	0.1	5
128	10450		22	74	0.1	5
129	10475		28	180	0.1	5
130	10500		12	40	0.2	5
131	10525	-35 MESH	14	46	0.1	5
132	10550		12	38	0.1	5
133	10575		32	82	0.3	5
134	9900N-10600E		12	26	0.1	5

T.T.	SAMPLE No.		Cu	Zn	Ag	PPB Au
135	9900N-10625E		26	66	0.5	5
136	10650		16	40	0.1	5
137	10675	-35 MESH	14	50	0.1	5
138	10700		16	52	0.1	5
139	10725		24	90	0.1	5
140	10750		18	86	0.1	5
141	10775		18	58	0.1	5
142	10800		18	62	0.1	5
143	10825		16	58	0.1	5
144	10850		16	168	0.1	5
145	10875		16	54	0.1	5
146	9900N-10900E		24	78	0.1	5
147	10000N-9725E		36	580	0.7	5
148	9750		52	310	0.4	5
149	9775		20	188	0.3	5
2	9800		18	166	0.7	5
3	9850		18	162	0.6	5
4	9875		32	440	0.6	5
5	9900		38	300	0.4	5
6	9925		28	106	0.1	5
7	9950		6	30	0.1	5
8	9975		8	32	0.3	5
9	10000		12	62	0.2	5
10	10025		12	36	0.2	5
11	10050		16	32	0.2	5
12	10075	-35 MESH	6	12	0.1	5
13	10100		14	58	0.1	5
14	10125		10	46	0.2	5
15	10150		32	340	0.5	5
16	10175		38	236	2.2	5
17	10200		26	32	0.2	5
18	10225	-35 MESH	24	40	0.1	5
19	10250		20	52	0.2	5
0	10300		16	46	0.2	5
21	10325		34	50	0.3	5
22	10350		12	28	0.2	55
23	10375		10	24	0.3	5
24	10400		22	32	0.2	5
25	10425		14	74	0.1	5
26	10450		34	132	0.5	5
27	10475		22	168	0.9	5
28	10500		44	170	0.2	5
29	10525		20	74	0.1	5
30	10550		22	80	0.1	5
31	10575		34	92	0.4	5
32	10600		38	184	0.4	5
33	10625		34	290	0.4	5
34	10650		34	68	0.1	5
35	10675	-35 MESH	52	190	0.1	5
36	10700		62	230	0.4	5
37	10725		60	188	0.4	5
38	10750		46	102	0.3	50
39	10775		24	270	1.1	240
40	10800		70	196	0.6	105
41	10825		52	150	1.0	50
42	10000N-10875E		20	84	0.3	5
43	10100N-9750E		10	168	0.4	5
44	9775		8	70	0.3	5
45	9800		12	68	0.5	5
46	9825		40	88	0.2	280
47	9875		34	102	0.3	5
48	9900		50	150	1.6	500
49	9925		12	44	0.3	10
50	9950		10	50	0.7	65
51	9975		24	70	0.2	5
52	10025		6	18	0.1	5
53	10050		24	66	0.2	15
54	10075		34	130	0.3	10
55	10100		44	410	0.5	20
56	10125		24	230	0.5	15
57	10100N-10150E		22	106	0.3	10

I.T.	SAMPLE No.		Cu	Zn	Ag	PPB Au	
58	10100N-10200E		20	104	0.2	10	
59	10250		18	136	0.2	10	
60	10275		20	160	0.1	15	
61	10300		22	150	0.1	10	
62	10325		28	120	0.2	5	
63	10350	-35 MESH	28	110	0.3	5	
64	10375		16	84	0.2	5	
65	10400	-35 MESH	20	104	0.4	5	
66	10425		12	48	0.1	5	
67	10500	-35 MESH	14	160	0.7	10	
68	10525		26	330	0.3	5	
69	10550		52	300	0.6	10	
70	10575		48	300	0.2	5	
71	10625	-35 MESH	62	226	2.4	5	
72	10675		44	174	1.0	5	
73	10725	-35 MESH	44	194	0.4	5	
74	10750		70	300	0.2	5	
75	10775	-35 MESH	42	110	13.2	15	
76	10100N-10800E		54	320	0.9	20	
77	10200N-9800E		22	40	0.2	5	
78	9825		40	120	0.1	5	
79	9850		80	140	0.3	25	
80	9875		56	160	0.3	15	
81	9900		20	84	0.5	5	
82	9925		8	26	0.1	5	
83	9950		10	24	0.1	5	
84	9975		8	16	0.1	5	
85	10000		34	80	0.1	5	
86	10025		22	78	0.1	5	
87	10050		26	102	0.1	5	
88	10075		12	34	0.1	5	
89	10100		28	102	0.1	5	
90	10125		18	114	0.1	5	
91	10150	-35 MESH	22	140	0.1	5	
92	10175		18	90	0.3	5	
93	10200	-35 MESH	28	220	0.4	5	
94	10225	-35 MESH	18	190	0.2	5	
95	10250		24	170	0.3	5	
96	10275		14	156	0.2	5	
97	10300		22	80	0.4	5	
98	10325		22	86	0.1	5	
99	10200N-10350E		22	130	0.4	5	
100	CHECK NL-6		52	138	1.0	-	
101	10200N-10375E		12	68	0.3	5	
102	10400		24	122	0.2	5	
103	10425		16	60	0.3	5	
104	10450	-35 MESH	24	122	0.1	5	
105	10475		84	200	0.4	5	
106	10500	-35 MESH	12	160	0.3	5	(5.0 g)
107	10525		24	200	0.9	5	
108	10550		34	300	1.8	5	
109	10575		48	340	0.5	5	
110	10600		40	300	0.3	5	
111	10625		66	234	0.6	5	
112	10650		74	130	0.5	5	
113	10675		34	220	0.4	5	
114	10700		14	126	0.3	5	
115	10725		28	300	0.6	5	
116	10750		32	160	0.9	5	
117	10775		56	220	0.4	5	
118	10800		26	122	0.4	5	
119	10825		20	120	0.4	20	
120	10850		60	220	0.3	10	
121	10875		78	236	4.0	75	
122	10900		76	230	0.4	20	
123	10925		90	300	0.5	50	
124	10200N-10950E		90	250	0.6	20	
125	10300N-9825E		30	100	0.1	5	
126	9850		32	126	0.2	5	
127	9875		30	90	0.1	5	
128	10300N-9900E		28	124	0.2	5	

I.T.	SAMPLE No.		Cu	Zn	Ag	PPB Au
129	10300N-9925E		30	112	0.1	5
130	9950	-35 MESH	18	58	0.1	5
131	9975		24	68	0.3	5
132	10025		6	34	0.1	5
133	10050		26	138	0.2	5
134	10075		24	100	0.2	5
135	10100		18	110	0.1	5
136	10125		40	260	0.5	5
137	10150		30	152	0.3	5
138	10175		32	174	0.4	5
139	10200		28	160	0.3	5
140	10225		20	146	0.2	5
141	10250		30	158	0.5	5
142	10275	-35 MESH	32	232	0.2	5
143	10300		22	202	0.3	5
144	10325		32	104	0.2	5
145	10350		60	200	0.3	5
146	10375		38	166	0.4	5
147	10400		42	140	0.3	5
148	10425		22	100	0.3	5
149	10300N-10450E	-35 MESH	20	126	0.4	5
150	CHECK NL-6		54	144	0.9	-
151	10300N-10475E		40	174	0.4	5
152	10500		22	96	0.3	5
153	10525		32	140	0.7	5
154	10550		20	100	0.2	5
155	10575		34	214	1.0	5
156	10600		32	310	0.6	5
157	10625		30	180	0.6	5
158	10650		48	380	0.3	5
159	10675		52	260	0.9	5
160	10700		32	240	0.4	5
161	10725		34	150	0.4	5
162	10750		26	220	0.6	5
163	10775	-35 MESH	16	170	0.5	5
164	10800		28	190	0.7	5
165	10825		20	190	0.8	5
166	10850		36	200	0.5	5
167	10875	-35 MESH	24	214	0.3	5
168	10900		44	280	0.8	5
169	10925		22	160	0.2	5
170	10950		56	164	0.4	5
171	10300N-10975E		52	170	0.4	5

T.T.		SAMPLE No.		Cu	Zn	Pb	Ag	PPB Au
41		105269		54	390	4	0.6	5
42		105270		44	540	4	1.0	5
43		105271		36	300	4	1.0	5
44		105272		34	260	10	1.0	5
45		105273		32	250	6	1.1	5
46		105274	-35 MESH	44	320	6	0.9	5
47		105275		56	300	14	1.2	5
48C	Silt	105251		32	250	4	0.7	5

296
Assay
Results.

NORANDA VANCOUVER LABORATORY

ROPERTY/LOCATION:RDN

CODE : 9007-050

Project No. :296
Material :69 SOILS
Remarks : 1 SILT

Sheet:1 of 2
Geol.:M.S.

Date rec'd:JUL 16
Date compl:AUG 15

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
29B	9400N-10000E	30	250	70	1.0	10
30	10025	150	800	80	3.5	5
31	10050	16	180	28	0.5	5
32	10075	16	280	50	0.3	5
33	10100	18	280	42	0.5	5
34	10150	18	260	52	0.7	5
35	10175	108	1000	240	1.9	5
36	10275	8	210	32	0.4	5
37	10300	8	142	34	0.6	5
38	10325	24	236	48	0.5	5
39	10350	18	130	30	0.4	5
40	10375	22	152	52	0.4	5
41	10400	28	118	36	0.3	5
42	10425	16	144	30	0.2	5
43	10450	14	110	12	0.3	5
44	10475	14	82	38	0.3	5
45	10500	32	134	54	0.4	5
46	10525	28	140	24	0.5	5
47	10550	16	76	136	0.5	5
48	10575	30	78	36	0.5	5
49	10600	58	280	20	0.5	5
50B	10675	12	68	48	0.1	5
1C	9400N-10700E	30	160	18	0.2	5
2	9600N-10000E	22	60	34	0.2	5
3	10025	26	76	36	0.1	5
4	10125	24	130	26	0.4	5
5	10150	20	110	30	0.5	5
6	10175	18	84	20	0.2	5
7	10200	30	144	32	0.3	5
8	10250	18	108	48	0.4	5
9	10275	44	190	34	0.3	5
10	10300	8	24	16	0.2	5
11	9600N-10325E	40	118	34	0.4	5
12	10100N-10650E	32	128	22	0.6	5
13	10100N-10825E	22	136	28	0.4	5
14	105065	46	270	6	1.0	5
15	105066	34	240	4	0.8	5
16	105067	30	290	6	0.3	5
17	105068	54	280	10	1.0	5
18	105069	56	540	14	0.6	5
19	105070	42	300	10	0.7	5
20	105071	40	300	12	0.6	5
21	105072	46	340	12	0.8	5
22	105073	46	300	8	0.8	5
23	105074	62	380	8	1.1	5
24	105252	54	440	6	0.7	5
25	105253	58	590	8	0.6	5
26	105254	32	310	6	0.4	5
27	105255	26	200	4	0.4	5
28	105256	32	300	6	0.2	5
29	105257	38	300	6	0.3	5
30	105258	28	186	4	0.8	5
31	105259	26	220	6	0.5	5
32	105260	26	180	4	0.8	5
33	105261	36	350	6	0.4	5
34	105262	30	380	6	0.2	5
35	105263	36	380	4	0.4	5
36	105264	28	250	6	0.8	5
37	105265	18	60	12	0.7	5
38	105266	40	270	6	0.7	5
39	105267	54	580	12	1.2	5
40	105268	50	320	4	0.7	5

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6 Any PG h°

NORANDA VANCOUVER LABORATORY

Geochemical Analysis

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Project Name & No.:	R D N - 296	Geol.:	M.S.	Date rec'd:	AUG. 14
Material:	54 SOILS	Sheet:	1 of 2	Date compl:	SEP. 11
Remarks:				LAB CODE:	9008-064

RECEIVED SEP 13 1990

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

ICP – 0.2 g sample digested with 3 ml HClO4/HNO3 (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

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

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	9400E-10925N	5	0.2	3.79	2	1154	1.6	2	0.15	2.8	67	14	14	25	4.25	1.54	33	3	0.51	5554	3	0.03	20	0.14	279	497	0.11	117	859
3	10950	5	0.6	3.80	3	650	3.8	2	0.15	1.8	99	7	11	24	4.40	0.88	49	12	0.31	2780	3	0.13	8	0.12	139	98	0.17	76	461
4	10975	5	0.2	4.49	2	181	1.9	2	0.10	0.7	79	5	13	19	4.09	0.73	34	10	0.23	799	3	0.12	6	0.14	57	54	0.23	70	229
5	11000	5	0.2	4.37	2	533	1.4	2	0.23	2.6	55	9	3	17	3.25	1.80	26	3	0.37	2956	1	0.05	4	0.13	65	122	0.06	102	272
6	9400E-11025N	5	0.2	4.64	2	703	1.6	3	0.10	2.1	50	10	8	20	4.26	1.49	24	7	0.31	3336	2	0.05	6	0.25	110	111	0.20	122	508
7	9400E-11050N	5	0.4	5.32	2	612	1.7	2	0.09	2.3	53	8	7	20	3.72	2.06	26	5	0.41	2984	1	0.02	7	0.15	146	163	0.08	119	635
8	11075	5	0.4	4.83	2	415	1.4	3	0.10	1.1	51	8	9	21	3.79	1.48	25	8	0.38	1980	2	0.07	9	0.19	75	129	0.21	119	383
9	11100	5	0.4	5.98	2	831	1.5	3	0.17	1.1	58	9	4	24	3.37	2.28	28	5	0.40	1949	1	0.04	6	0.14	60	199	0.10	115	244
10	11325	5	1.6	6.46	65	965	1.9	4	0.21	1.8	70	11	5	27	3.39	2.36	34	6	0.35	2736	6	0.03	18	0.11	66	210	0.09	157	569
11	9400E-11350N	5	0.8	6.92	7	842	1.5	2	0.09	3.2	38	12	31	43	3.92	2.22	21	6	0.37	1080	13	0.04	35	0.13	20	179	0.09	214	383
12	9400E-11375N	5	0.6	5.70	14	547	1.6	2	0.07	2.1	50	8	28	30	3.83	1.50	26	10	0.33	1184	5	0.04	21	0.14	40	188	0.09	143	327
13	9400E-11425N	5	1.0	5.34	16	429	1.4	2	0.07	1.3	39	8	27	27	3.75	1.26	22	7	0.27	1126	7	0.05	20	0.19	20	186	0.20	152	272
14	10000N-9625E	5	0.8	5.09	2	907	1.7	2	0.10	1.3	57	9	3	21	3.23	2.15	31	3	0.30	4017	1	0.02	5	0.11	53	262	0.04	100	333
15	9650	5	0.6	5.52	2	1022	1.9	2	0.09	1.6	64	11	3	24	3.62	2.32	33	4	0.34	4798	1	0.02	5	0.11	62	295	0.05	111	368
16	10000N-9675E	5	0.8	5.12	2	623	1.7	2	0.06	1.1	56	10	4	20	3.36	2.03	31	4	0.31	4142	1	0.03	5	0.19	61	235	0.06	104	299
17	10000N-9700E	5	0.6	5.49	2	498	1.7	2	0.04	0.6	60	7	4	17	3.24	2.12	31	4	0.30	3400	1	0.02	5	0.19	60	324	0.07	108	245
18	9725	5	1.2	4.74	2	340	0.9	2	0.06	0.6	50	8	12	18	3.84	1.33	25	6	0.30	1899	2	0.04	5	0.27	44	187	0.34	118	134
19	9750	5	1.4	4.51	9	605	1.4	2	0.05	1.4	60	12	10	32	4.24	1.57	32	5	0.28	3531	1	0.02	14	0.16	97	246	0.08	111	567
20	9775	5	1.0	4.08	6	563	1.1	2	0.09	1.0	51	9	5	28	3.60	1.44	26	8	0.26	1895	1	0.02	6	0.10	53	334	0.06	91	327
21	10000N-9800E	5	1.6	5.14	2	429	1.2	2	0.03	0.5	37	7	8	26	3.60	1.64	22	6	0.26	1962	1	0.03	4	0.16	44	341	0.06	103	249
22	10100N-9400E	5	0.8	6.20	2	1321	2.1	2	0.18	1.9	66	15	11	23	4.18	2.46	36	5	0.38	6132	1	0.04	17	0.12	95	492	0.06	150	565
23	9425	5	1.2	6.47	16	1182	2.3	2	0.17	2.0	67	19	19	32	4.79	2.55	35	6	0.41	5388	1	0.04	42	0.13	111	370	0.07	148	606
24	9450	5	2.2	6.61	28	1634	2.1	3	0.20	3.0	67	19	20	36	4.03	2.67	34	5	0.38	4021	1	0.03	49	0.16	231	394	0.05	138	911
25	9475	5	3.6	6.78	33	1709	2.2	4	0.20	3.6	71	20	18	38	4.05	2.86	36	6	0.39	4320	2	0.03	48	0.16	237	413	0.05	143	1029
26	10100N-9500E	5	6.0	7.06	56	1265	2.3	6	0.28	3.3	61	31	27	90	5.20	2.94	28	8	0.45	4382	3	0.03	96	0.15	186	489	0.06	161	1033
27	10100N-9600E	5	1.2	5.79	23	1138	2.2	2	0.15	2.1	65	17	9	47	4.15	2.57	33	5	0.34	5516	2	0.02	30	0.12	100	389	0.05	124	811
28	9625	5	1.0	5.81	26	1174	2.2	4	0.14	1.9	72	21	15	48	4.71	2.40	36	7	0.38	5344	2	0.03	48	0.14	107	531	0.06	131	737
29	9650	5	0.6	4.81	7	983	2.1	3	0.13	1.9	68	15	11	30	4.83	1.90	35	7	0.40	5580	2	0.11	22	0.13	79	350	0.11	120	646
30	9675	5	1.4	5.15	15	946	1.8	3	0.19	2.2	66	16	11	41	4.60	2.03	31	7	0.44	4153	2	0.05	27	0.13	95	311	0.08	123	661
31	10100N-9700E	5	0.8	6.34	2	568	1.1	2	0.03	0.2	32	6	6	21	2.56	2.26	21	6	0.32	1028	1	0.04	7	0.10	41	267	0.03	95	215
32	10100N-9850E	5	0.6	7.98	2	700	1.1	2	0.01	0.2	36	10	2	16	2.41	2.63	21	4	0.56	1260	1	0.04	2	0.11	40	66	0.04	118	55
33	10200N-9375E	5	1.0	6.26	2	1335	2.6	2	0.17	2.0	69	15	7	31	4.23	2.33	36	4	0.41	8600	2	0.03	14	0.12	124	252	0.06	142	895
34	9400	5	0.8	5.66	2	1150	2.1	2	0.13	1.7	70	13	10	29	4.16	2.26	38	5	0.38	7177	2	0.05	11	0.13	114	302	0.07	142	748
35	9425	5	0.8	5.29	4	866	2.0	2	0.32	1.5	67	16	32	33	4.39	1.94	34	11	0.62	5725	1	0.09	28	0.13	93	269	0.13	146	668
36	10200N-9450E	5	0.8	5.42	3	872	1.9	3	0.28	1.6	68	16	38	37	4.59	1.87	35	11	0.63	5876	2	0.08	28	0.14	101	279	0.13	151	690

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9008-064 Pg. 2 of 2
37	10200N-9650E	5	3.0	5.39	33	1040	1.7	3	0.16	2.4	55	18	22	58	4.53	2.10	26	8	0.38	3069	2	0.03	46	0.13	156	311	0.07	129	900	
38	9675	5	3.4	5.58	30	1140	1.9	3	0.14	2.7	64	19	21	60	4.94	2.06	31	9	0.44	3942	3	0.03	44	0.13	171	354	0.11	136	883	
39	9700	5	0.4	5.83	3	464	1.5	2	0.25	1.5	56	16	3	49	3.86	2.11	26	14	0.71	3063	1	0.04	6	0.16	61	73	0.07	125	179	
40	9725	5	0.4	5.44	2	253	1.2	2	0.09	0.3	53	10	6	31	2.99	1.49	26	15	0.58	1974	1	0.04	5	0.19	40	92	0.11	121	117	
41	10200N-9750E	5	0.4	5.37	2	304	1.5	2	0.08	0.2	31	6	8	23	3.35	1.36	16	21	0.54	1220	1	0.02	3	0.23	3	33	0.10	120	77	
42	10200N-9775E	5	0.4	5.74	2	325	1.5	2	0.13	0.2	57	12	5	31	3.48	1.72	21	17	0.66	2176	1	0.02	4	0.19	7	31	0.07	127	78	
43	11400N-9400E	5	0.8	4.55	2	324	1.3	2	0.04	1.2	28	6	30	21	3.53	0.83	17	9	0.29	721	4	0.04	13	0.18	14	60	0.22	133	197	
44	9425	5	0.8	6.82	2	688	1.3	2	0.10	3.1	31	9	29	35	3.57	1.90	19	9	0.36	688	5	0.04	29	0.11	18	94	0.09	187	303	
45	9450	5	0.6	6.37	2	607	1.4	2	0.07	2.3	32	7	27	34	3.65	1.86	19	14	0.42	439	5	0.04	27	0.12	12	81	0.10	174	247	
46	11400N-9475E	5	0.6	5.82	2	479	1.2	2	0.15	1.2	28	10	38	34	3.74	1.45	17	21	0.88	479	4	0.04	31	0.13	11	33	0.12	164	204	
47	11400N-9500E	5	0.6	5.85	2	524	1.2	3	0.31	2.5	37	14	29	41	3.81	1.53	19	22	1.08	654	4	0.04	41	0.11	13	30	0.10	148	197	
48	9525	5	1.2	5.30	5	482	1.4	3	0.28	7.4	42	24	32	64	4.76	1.36	22	19	0.83	1461	18	0.06	69	0.14	17	72	0.12	217	519	
49	9550	60	0.6	7.80	3	837	2.1	3	0.24	0.6	67	11	9	50	4.20	2.37	33	22	0.51	817	2	0.03	19	0.12	24	41	0.10	117	123	
51	9575	15	1.0	7.19	50	819	2.4	4	0.40	1.1	60	15	43	55	4.74	2.57	31	8	0.49	700	4	0.04	28	0.14	29	68	0.07	157	128	
52	11400N-9600E	5	0.6	6.98	55	1394	1.9	6	0.40	1.2	67	21	24	65	5.32	2.51	30	7	0.39	1140	5	0.04	42	0.17	35	157	0.06	163	148	
53	11400N-9625E	5	0.6	7.67	29	1910	2.8	3	0.39	0.8	72	11	7	25	3.63	2.74	34	7	0.45	1251	3	0.04	12	0.11	49	50	0.07	69	129	
54	9650	5	0.6	6.27	2	559	2.2	2	0.11	0.6	61	9	14	26	3.66	1.90	28	7	0.41	934	2	0.04	14	0.16	29	21	0.15	85	109	
55	9675	5	0.4	7.24	2	822	1.9	3	0.21	0.7	65	12	14	39	4.34	2.38	33	11	0.49	980	5	0.04	23	0.12	29	27	0.08	131	140	
56	11400N-9700E	5	0.4	7.22	2	1070	1.4	2	0.26	0.4	52	10	14	47	3.54	2.45	25	5	0.36	527	1	0.04	17	0.10	25	24	0.09	125	108	

ACME ANAL. CAL LABORATORIES LTD. 852 E. HASTINGS ST. VAN JVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)3-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

RDN (MS)

Noranda Exploration Co. Ltd. PROJECT 9008-083-296 File # 90-4264 Page 1

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
129529	7	86	119	251	.9	17	18	1411	8.54	148	5	ND	2	5	.2	3	2	40	.02	.148	19	13	.32	73	.01	2	1.98	.01	.09	1	86
129530	7	157	72	265	.3	41	37	1943	8.50	73	5	ND	4	4	.2	5	3	30	.03	.133	36	20	.70	58	.01	2	2.89	.01	.12	1	84
129531	5	112	57	234	.7	27	33	2643	8.16	75	5	ND	2	4	.2	6	2	38	.01	.107	17	26	1.03	56	.01	2	2.62	.01	.09	1	87
129532	3	168	60	273	.6	47	51	3550	11.39	37	5	ND	1	23	.9	4	2	29	.20	.102	21	20	.61	203	.01	2	1.71	.01	.11	1	33
BL9400E 10325N	1	39	42	244	.2	7	15	2393	5.16	30	5	ND	2	16	.3	2	2	29	.05	.106	19	4	.12	558	.01	3	.80	.01	.08	1	1
BL9400E 10350N	3	46	205	435	.4	10	16	3795	6.36	31	5	ND	1	18	1.6	2	2	46	.06	.164	22	12	.23	201	.03	2	2.09	.02	.10	1	7
BL9400E 10375N	1	51	477	911	2.8	9	16	6162	5.69	26	5	ND	2	17	19.3	2	2	51	.19	.275	30	10	.33	544	.18	4	2.01	.02	.11	1	1
BL9400E 10425N	1	22	305	611	.2	1	9	4756	3.94	18	5	ND	1	30	3.1	2	3	31	.21	.129	17	1	.06	674	.01	5	.52	.01	.12	1	3
BL9400E 10450N	1	8	29	253	.1	2	4	1072	2.55	8	5	ND	1	31	.5	2	2	22	.37	.169	25	1	.07	1149	.01	4	.62	.01	.12	1	9
BL9400E 10475N	1	18	214	504	.2	2	8	3519	4.21	13	5	ND	1	22	1.4	2	2	34	.18	.175	17	2	.07	685	.01	7	.65	.01	.13	1	2
BL9400E 10525N	1	21	138	743	.2	3	15	7140	4.76	7	5	ND	2	57	3.7	2	4	38	.38	.122	23	2	.11	1822	.01	9	.55	.01	.14	1	4
BL9400E 10550N	1	26	446	826	.3	3	9	4342	3.56	16	5	ND	2	68	5.5	2	2	28	.28	.091	26	1	.09	1039	.01	6	.61	.01	.15	1	12
BL9400E 10575N	1	18	119	464	.1	2	6	2985	4.07	11	5	ND	2	68	.7	2	2	43	.28	.095	21	1	.09	841	.01	6	.67	.01	.14	1	3
BL9400E 10600N	1	21	166	434	.1	1	10	5204	3.34	10	5	ND	3	73	1.8	2	2	23	.20	.053	18	1	.05	1215	.01	6	.39	.01	.14	1	1
BL9400E 10625N	1	23	466	1008	.1	1	13	7197	3.80	12	5	ND	2	114	3.7	3	3	34	.22	.063	19	1	.06	1704	.01	6	.51	.01	.14	1	3
BL9400E 10650N	1	19	455	885	.1	2	9	3953	3.28	11	5	ND	1	63	3.9	2	3	26	.36	.124	27	1	.06	1140	.01	5	.63	.01	.12	1	2
BL9400E 10675N	2	66	2615	2272	.7	5	16	7076	4.60	44	5	ND	4	66	38.7	3	3	31	.08	.094	27	5	.08	749	.01	6	.69	.01	.13	1	11
BL9400E 10700N	6	68	1607	1581	3.4	3	15	4559	3.40	42	5	ND	3	36	33.0	4	2	21	.14	.086	20	1	.09	530	.01	4	.45	.01	.11	1	5
BL9400E 10725N	1	35	587	1027	.4	3	13	7047	4.22	23	5	ND	3	34	9.7	3	4	34	.30	.094	25	1	.09	1223	.01	7	.48	.01	.13	1	1
BL9400E 10750N	2	53	2097	1034	.9	2	14	7274	4.58	28	5	ND	2	69	7.6	8	2	35	.20	.092	21	2	.10	776	.01	8	.64	.01	.12	1	4
BL9400E 10775N	1	31	439	883	.2	3	11	4922	4.54	16	5	ND	1	32	1.8	2	2	42	.21	.107	27	2	.12	702	.01	4	.90	.01	.12	1	2
BL9400E 10800N	1	22	87	441	.1	2	10	4298	3.67	8	5	ND	3	29	2.1	2	3	29	.26	.108	21	1	.08	725	.01	4	.52	.01	.13	1	4
BL9400E 10825N	1	30	142	608	.1	3	9	4760	3.74	14	5	ND	1	30	.9	3	2	36	.05	.108	24	2	.08	531	.02	5	1.04	.01	.10	1	1
BL9400E 10850N	1	21	279	686	.1	5	8	3977	4.81	10	5	ND	1	35	.5	2	2	48	.08	.115	25	4	.12	581	.03	2	1.28	.01	.08	1	6
BL9400E 10875N	1	22	382	948	.1	8	11	5231	5.40	10	5	ND	1	48	.9	2	2	56	.14	.125	26	6	.18	711	.05	3	1.08	.02	.10	1	4
BL9400E 10900N	1	20	289	1077	.1	3	16	8503	6.01	8	5	ND	4	34	4.4	2	2	58	.22	.128	28	2	.12	1168	.02	5	.60	.02	.13	1	4
10000N 9350E	1	42	158	553	3.3	7	10	3766	2.93	50	5	ND	1	32	.2	2	2	30	.03	.068	20	5	.11	524	.01	7	.84	.02	.10	1	1
10000N 9375E	1	69	149	844	1.8	14	16	5818	4.47	65	5	ND	1	49	.6	6	3	37	.03	.071	15	8	.12	587	.04	5	.88	.02	.09	1	5
10000N 9400E	1	80	272	556	2.2	52	24	3617	3.91	110	5	ND	2	133	1.0	16	2	26	.16	.065	11	23	.12	790	.01	9	.47	.01	.12	1	2
STANDARD C/AU-S	18	59	40	132	6.9	72	31	1052	3.98	40	15	7	39	52	18.4	15	21	56	.51	.097	39	59	.90	182	.07	34	1.91	.06	.14	13	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-16 SOIL PULP P17 SILT PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 10 1990 DATE REPORT MAILED: Sept 13/90 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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Noranda Exploration Co. Ltd. PROJECT 9008-083 296 FILE # 90-4264

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
10000N 9425E	1	39	61	469	1.3	38	18	3669	3.62	40	5	ND	3	65	.2	9	2	31	.25	.054	14	14	.13	628	.01	11	.39	.01	.12	1	6
10000N 9450E	1	32	52	539	.8	27	16	5299	3.88	30	5	ND	2	76	.2	7	2	40	.21	.048	11	11	.14	943	.01	10	.38	.01	.10	1	3
10000N 9475E	1	31	53	550	.8	21	15	5838	4.06	24	5	ND	3	82	.3	6	2	42	.22	.055	11	14	.20	977	.02	11	.44	.02	.11	1	2
10000N 9525E	1	18	65	383	.4	10	13	6107	3.80	13	5	ND	3	67	.6	5	2	43	.29	.064	18	12	.17	1012	.02	10	.40	.01	.11	1	1
10000N 9550E	1	18	58	335	.5	7	11	5309	3.25	11	5	ND	3	45	.6	3	2	33	.23	.058	18	9	.09	852	.01	8	.31	.01	.10	1	1
10000N 9575E	1	18	45	316	.5	5	9	4366	2.97	9	5	ND	3	29	.2	3	2	28	.16	.046	18	4	.07	696	.01	9	.27	.01	.10	2	1
10000N 9600E	1	22	40	277	.6	5	9	3869	2.87	15	5	ND	3	22	.5	4	2	27	.12	.043	18	3	.08	579	.01	7	.27	.01	.09	2	1
10300N 9225E	1	33	52	443	.5	7	9	4618	3.79	16	5	ND	3	37	.2	2	2	25	.17	.055	16	3	.09	617	.01	7	.23	.01	.09	1	21
10300N 9250E	1	92	94	605	.8	28	14	4711	4.51	43	5	ND	3	41	.8	3	2	28	.18	.048	15	16	.13	682	.01	10	.30	.01	.11	1	36
10300N 9275E	1	77	71	473	1.3	63	22	4411	5.63	52	5	ND	3	34	.7	3	2	38	.24	.064	15	28	.18	557	.01	10	.38	.01	.12	1	46
10300N 9300E	1	96	125	424	1.3	22	12	2870	4.23	44	5	ND	3	25	1.7	6	2	34	.26	.058	20	11	.37	523	.04	9	.87	.02	.10	1	37
10300N 9325E	1	101	101	500	1.1	19	11	2705	4.39	46	5	ND	2	23	1.8	5	2	38	.28	.053	12	11	.41	356	.05	7	.56	.02	.08	1	78
10300N 9350E	1	102	139	527	3.2	20	11	2941	4.41	42	5	ND	2	34	1.7	6	2	39	.34	.060	14	12	.43	375	.03	8	.63	.01	.09	1	7
10300N 9375E	1	86	107	485	2.2	33	13	2266	4.80	39	5	ND	3	37	1.1	3	2	40	.46	.063	16	17	.55	375	.03	10	.87	.02	.12	1	14
10300N 9400E	1	110	200	965	1.3	11	10	5075	4.54	37	5	ND	3	18	1.4	3	2	34	.07	.063	13	10	.20	414	.02	7	.49	.01	.08	1	280
10300N 9425E	3	23	42	127	.4	8	9	1385	4.98	20	5	ND	4	5	.2	4	2	24	.04	.068	20	7	.16	133	.02	6	1.24	.03	.07	1	4
10300N 9450E	1	18	54	95	.4	7	3	269	4.24	24	5	ND	2	10	.2	2	3	14	.01	.082	11	10	.01	147	.01	5	.56	.01	.09	2	3
10300N 9475E	2	18	33	77	.4	5	4	682	2.77	11	5	ND	1	11	.2	2	2	23	.02	.060	16	5	.28	224	.01	5	1.08	.02	.09	1	1
10300N 9500E	1	25	55	147	.2	7	8	1169	4.48	19	5	ND	1	8	.2	3	2	37	.02	.117	13	12	.26	142	.01	7	1.74	.01	.08	1	2
10300N 9525E	1	28	53	134	.4	5	8	1319	4.02	18	5	ND	1	8	.2	4	2	29	.02	.079	15	5	.17	108	.02	5	1.27	.02	.08	1	3
10300N 9550E	2	19	39	106	.7	3	4	637	3.50	13	5	ND	1	7	.2	3	2	30	.02	.074	13	5	.02	123	.03	5	1.36	.01	.06	1	3
10300N 9575E	3	22	103	64	.4	5	10	1508	5.66	15	5	ND	1	10	.2	4	2	44	.03	.123	13	13	.10	84	.06	6	1.46	.01	.07	1	2
10300N 9600E	2	26	58	92	.4	2	7	829	3.79	14	5	ND	1	17	.2	2	2	18	.02	.086	14	2	.07	276	.01	5	.59	.01	.10	2	5
10300N 9625E	1	30	27	119	.4	5	12	2613	4.39	15	5	ND	1	22	.2	3	2	33	.11	.145	20	4	.26	158	.06	8	1.69	.02	.09	1	4
10300N 9650E	2	49	218	511	.5	6	12	3626	3.86	33	5	ND	1	28	3.8	3	2	20	.06	.098	24	7	.01	326	.01	7	.58	.01	.10	1	8
10300N 9675E	1	46	80	250	.5	3	14	2568	4.56	20	5	ND	1	50	1.6	2	2	21	.20	.209	26	2	.01	435	.01	7	.84	.01	.13	1	3
10300N 9700E	2	34	48	66	.5	1	8	855	3.92	32	5	ND	1	112	.2	2	2	16	.09	.126	14	1	.01	216	.01	7	.58	.03	.28	2	1
10300N 9725E	1	59	24	139	.9	7	17	2992	4.43	26	5	ND	2	57	.4	2	2	24	.28	.085	21	7	.12	477	.01	7	.50	.01	.13	2	8
10300N 9750E	1	36	23	106	.3	2	15	2284	5.00	11	5	ND	2	69	.2	2	2	16	.17	.151	23	1	.03	376	.01	8	.53	.02	.14	2	3
10300N 9775E	2	7	19	23	.2	1	1	98	1.12	8	5	ND	1	33	.2	2	2	5	.05	.049	6	1	.01	320	.01	2	.27	.01	.10	4	1
10300N 9800E	2	22	21	46	.3	1	8	740	3.21	15	5	ND	1	38	.2	2	2	11	.06	.087	14	1	.01	262	.01	5	.37	.01	.11	4	3
10400N 9250E	1	36	72	352	.8	11	11	3763	3.52	14	5	ND	3	22	1.3	2	2	33	.35	.075	18	6	.27	590	.01	13	.67	.01	.11	1	4
10400N 9325E	1	33	278	943	.3	4	14	6946	4.20	22	5	ND	3	28	13.1	3	2	37	.09	.108	22	2	.08	866	.02	7	.56	.02	.11	1	39
10400N 9350E	1	41	224	748	1.4	2	9	4280	4.00	22	5	ND	1	28	6.5	3	2	30	.13	.099	25	1	.04	605	.01	8	.51	.01	.12	1	15
10400N 9375E	2	28	103	627	.5	2	4	1025	2.72	24	5	ND	1	25	4.9	3	2	25	.27	.138	14	1	.05	586	.01	7	.53	.01	.10	1	1
10400N 9400E	1	29	370	813	.3	3	8	4451	4.28	18	5	ND	1	34	4.2	3	2	33	.25	.173	19	2	.03	738	.01	8	.45	.01	.12	1	6
STANDARD C/AU-S	18	60	38	131	6.9	72	31	1049	3.97	41	17	7	36	52	18.5	15	19	59	.52	.098	37	56	.90	179	.09	38	1.89	.06	.14	11	52

Noranda Exploration Co. Ltd. PROJECT 9008-083 296 FILE # 90-4264

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
10400N 9425E	1	13	138	446	.1	1	10	3421	4.11	6	8	ND	1	27	1.9	2	2	30	.14	.274	15	3	.05	621	.01	7	.69	.01	.14	1	5
10400N 9450E	3	24	215	357	.3	2	10	3733	3.76	11	5	ND	1	14	1.2	2	2	35	.03	.154	17	5	.06	202	.02	9	.93	.02	.11	2	5
10400N 9550E	1	55	27	125	.2	2	19	3057	4.50	20	5	ND	2	33	.3	2	2	30	.43	.162	26	2	.08	538	.01	9	.48	.01	.15	1	1
10400N 9600E	2	50	54	138	.4	6	17	2904	4.58	22	5	ND	1	20	.2	2	2	38	.07	.171	21	6	.11	119	.03	8	1.35	.02	.10	1	2
10400N 9625E	2	61	230	611	.3	4	18	3378	3.94	32	5	ND	4	50	9.6	2	2	20	.40	.121	23	2	.10	597	.01	13	.49	.02	.17	1	3
10400N 9650E	4	63	372	906	.4	3	16	4171	4.07	42	8	ND	4	45	14.9	2	2	18	.26	.099	23	2	.06	699	.01	7	.46	.01	.16	1	5
10400N 9675E	3	62	228	534	.5	3	19	4278	4.92	37	5	ND	1	36	8.0	2	2	19	.14	.111	26	2	.06	595	.01	5	.52	.01	.14	1	5
10400N 9700E	3	52	114	332	.2	3	19	4702	5.31	38	5	ND	4	42	2.9	2	2	17	.23	.120	27	1	.06	784	.01	7	.56	.01	.17	1	6
10400N 9725E	2	47	117	314	.3	3	16	3852	4.57	37	5	ND	2	39	2.2	2	4	13	.17	.106	26	2	.05	751	.01	7	.47	.01	.13	1	4
10400N 9750E	2	50	80	261	.3	3	18	3940	4.74	32	5	ND	2	35	1.5	2	2	15	.12	.106	26	2	.06	569	.01	7	.53	.01	.13	1	3
10400N 9775E	1	46	43	206	.1	2	17	3643	4.51	24	5	ND	1	46	.9	2	2	16	.36	.122	25	1	.07	659	.01	6	.42	.01	.14	1	2
10400N 9800E	1	46	22	135	.3	3	18	3562	4.90	23	5	ND	2	44	.4	2	2	25	.23	.120	29	1	.09	568	.01	2	.60	.02	.14	1	1
10400N 9825E	1	44	20	106	.1	1	19	2909	4.81	28	5	ND	2	32	.2	2	2	24	.23	.127	26	1	.07	406	.01	7	.53	.01	.13	1	2
10400N 9850E	2	12	14	26	.1	2	5	286	2.03	8	5	ND	3	24	.2	2	2	7	.09	.075	12	1	.02	240	.01	3	.32	.01	.12	1	1
10400N 9875E	3	84	93	360	.4	1	16	5004	4.18	49	5	ND	6	42	1.9	2	2	13	.21	.090	29	1	.05	848	.01	7	.46	.01	.14	1	17
10400N 9900E	2	48	30	123	.1	11	17	2274	4.16	25	5	ND	4	58	.4	2	2	27	.37	.118	18	4	.08	681	.01	11	.47	.02	.14	1	10
10400N 9925E	1	45	30	142	.2	3	15	2656	4.05	19	5	ND	3	36	.4	2	2	24	.25	.114	23	3	.08	505	.01	7	.46	.02	.12	1	12
10400N 9950E	3	70	128	317	.6	3	16	3735	3.22	62	5	ND	4	38	2.2	2	2	6	.17	.071	26	1	.04	470	.01	6	.32	.01	.12	1	24
10400N 9975E	4	86	99	333	.8	3	19	5241	4.27	86	5	ND	1	40	2.4	5	2	8	.17	.124	32	1	.05	558	.01	6	.53	.01	.12	1	38
10400N 10000E	4	91	116	441	1.3	4	20	5055	5.00	94	5	ND	1	53	5.3	2	2	10	.18	.210	25	2	.05	934	.01	9	.69	.01	.12	1	32
10400N 10025E	4	97	92	330	.6	5	23	5236	5.66	116	5	ND	1	46	1.3	6	2	10	.03	.140	24	1	.03	374	.01	10	.65	.01	.11	1	46
10400N 10050E	4	96	150	508	.8	3	25	6302	5.61	119	5	ND	3	75	4.5	5	2	10	.24	.140	29	1	.05	1045	.01	6	.42	.01	.13	1	46
10400N 10075E	3	66	226	732	.9	2	18	4821	4.45	81	5	ND	1	59	6.3	3	2	14	.31	.120	25	2	.08	1105	.01	7	.47	.01	.13	1	21
10400N 10100E	2	43	92	577	1.9	3	13	2499	3.95	54	5	ND	1	31	.5	4	2	17	.30	.103	26	2	.07	688	.01	8	.56	.01	.15	1	10
10400N 10125E	13	57	54	470	1.2	91	26	1810	4.59	80	5	ND	1	78	2.0	8	2	19	.64	.089	9	12	.28	531	.01	8	.63	.01	.13	1	1
10400N 10150E	23	53	20	444	.4	59	20	1116	4.99	26	5	ND	2	20	2.6	2	2	24	.63	.119	27	7	.19	223	.01	6	.98	.01	.14	1	1
10400N 10175E	11	35	67	353	.3	34	17	1719	4.16	23	5	ND	1	19	1.5	3	2	31	.33	.168	15	14	.15	393	.01	5	.89	.02	.13	1	2
10400N 10200E	13	60	50	450	.2	67	23	1633	5.01	42	5	ND	2	22	1.5	4	2	32	.13	.066	25	20	.42	297	.01	4	1.21	.01	.10	1	5
10400N 10225E	17	32	52	303	.6	17	19	2051	4.58	26	5	ND	1	17	2.1	3	2	47	.14	.168	14	30	.23	615	.01	2	1.42	.02	.10	1	3
10400N 10250E	10	36	45	332	.4	30	17	1818	4.84	25	5	ND	1	19	2.8	2	2	42	.18	.140	17	27	.35	423	.02	7	1.74	.01	.09	1	9
10400N 10275E	15	41	34	321	.7	22	13	1434	4.87	28	5	ND	1	12	1.0	4	2	46	.07	.199	13	25	.26	280	.01	3	1.71	.02	.11	1	4
10400N 10300E	7	65	39	247	.2	31	18	1469	4.51	19	5	ND	1	14	1.1	3	2	30	.12	.094	20	25	.38	350	.01	8	1.54	.01	.11	1	3
10500N 9125E	1	44	255	531	1.4	4	12	4564	3.57	18	5	ND	3	42	4.7	2	2	25	.30	.088	22	5	.10	792	.01	8	.38	.01	.14	1	13
10500N 9175E	1	22	100	508	.4	2	15	7455	4.21	5	5	ND	1	43	1.5	2	2	43	.28	.088	26	3	.11	1409	.01	6	.46	.01	.14	1	7
10500N 9200E	1	21	98	579	.4	1	16	8674	4.66	7	5	ND	1	72	2.2	2	7	57	.26	.095	26	3	.10	1804	.01	4	.51	.01	.15	1	2
10500N 9225E	1	21	64	442	.1	1	8	3343	3.90	3	5	ND	1	17	2.1	2	2	34	.17	.243	20	3	.07	715	.01	9	.76	.01	.16	1	1
STANDARD C/AU-S	20	59	39	132	6.9	72	32	1051	3.96	39	17	7	38	55	19.8	15	23	56	.52	.095	39	61	.89	196	.08	39	1.89	.06	.14	11	49

Noranda Exploration Co. Ltd. PROJECT 9008-083 296 FILE # 90-4264

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
10500N 9250E	1	16	68	492	.3	4	6	3612	3.83	5	5	ND	1	26	1.2	2	2	35	.45	.201	31	4	.09	937	.01	3	.79	.01	.15	1	21
10500N 9275E	1	17	107	530	.5	3	9	5657	3.93	5	5	ND	1	37	1.9	2	5	39	.57	.137	26	1	.10	1123	.01	5	.66	.01	.17	1	59
10500N 9300E	1	12	65	568	.4	2	10	5081	3.89	5	5	ND	1	38	3.1	2	4	36	.47	.181	23	1	.07	1080	.01	7	.51	.01	.17	1	1
10500N 9325E	1	21	150	608	.5	4	7	4187	3.92	13	5	ND	1	53	5.2	2	2	42	.45	.108	25	2	.10	1015	.01	8	.66	.01	.16	1	1
10500N 9350E	1	24	189	778	.7	7	11	5479	4.11	11	5	ND	1	21	2.1	2	4	31	.17	.237	36	7	.09	1056	.01	3	1.02	.01	.12	1	1
10500N 9375E	1	30	782	1042	.9	12	18	10363	4.20	14	5	ND	1	25	8.1	2	2	31	.16	.180	32	6	.14	1011	.02	7	1.08	.03	.13	1	1
10500N 9400E	1	11	67	356	.3	3	7	4385	4.40	6	5	ND	1	32	.6	2	2	34	.08	.166	22	1	.06	669	.01	7	.84	.01	.13	1	6
10500N 9425E	2	35	1054	562	1.0	2	14	4469	3.86	26	5	ND	1	44	6.1	2	3	27	.09	.094	25	1	.08	629	.02	10	.75	.01	.15	1	39
10500N 9450E	1	12	364	966	.3	3	12	7355	4.00	10	5	ND	2	71	4.7	2	4	30	.23	.083	26	2	.07	1419	.01	5	.45	.01	.15	1	1
10500N 9475E	1	40	1351	1551	.9	3	15	7003	4.88	19	5	ND	1	49	31.3	2	2	36	.45	.147	39	1	.09	1520	.01	6	.60	.01	.16	1	37
10500N 9500E	1	47	325	325	.8	3	18	3658	5.07	25	5	ND	2	80	2.4	2	4	32	.34	.133	32	1	.08	816	.01	7	.58	.02	.17	1	89
10500N 9525E	1	50	48	132	.5	3	21	3988	4.35	25	5	ND	4	54	.9	2	2	24	.37	.135	26	1	.07	472	.01	7	.54	.01	.16	2	5
10500N 9550E	1	42	32	114	.3	2	15	3208	3.38	19	5	ND	5	98	.3	2	2	31	.50	.139	26	1	.09	521	.01	9	.48	.01	.16	2	1
10500N 9575E	1	37	53	192	.2	3	16	4014	3.47	18	5	ND	4	74	.6	2	2	48	.50	.132	25	1	.15	620	.02	7	.48	.01	.15	1	86
10500N 9600E	1	59	208	546	.6	2	15	3392	3.76	42	5	ND	5	51	8.2	2	2	15	.42	.125	24	1	.06	511	.01	9	.41	.01	.16	1	93
10500N 9625E	1	36	70	250	.3	2	12	3024	3.61	35	5	ND	5	53	1.4	3	2	10	.37	.117	23	1	.05	306	.01	7	.41	.01	.17	1	3
10500N 9650E	1	41	78	261	.3	1	14	3349	3.96	34	5	ND	5	58	1.3	2	4	12	.38	.131	25	1	.05	389	.01	9	.41	.01	.16	1	93
10500N 9675E	1	32	22	114	.3	1	12	2398	3.31	23	5	ND	5	74	.2	2	2	11	.38	.119	21	1	.07	405	.01	9	.36	.02	.18	1	6
10500N 9700E	1	53	16	118	.2	4	16	3738	4.48	30	5	ND	3	62	.2	2	3	27	.43	.126	25	2	.11	624	.01	5	.47	.01	.16	1	5
10500N 9725E	1	42	30	120	.6	6	27	4061	5.87	34	5	ND	6	73	.2	2	2	25	.34	.162	33	1	.08	599	.01	9	.57	.01	.17	1	87
10500N 9750E	1	28	15	85	.2	2	9	1851	3.20	17	5	ND	1	26	.2	2	2	16	.21	.104	23	1	.05	494	.01	2	.49	.01	.14	1	2
10500N 9775E	1	43	24	111	.7	8	16	2970	4.52	24	5	ND	2	25	.2	2	2	24	.27	.110	27	5	.09	509	.01	6	.45	.01	.11	1	104
10500N 9800E	1	35	24	114	.2	15	15	2108	4.17	25	5	ND	5	53	.2	2	2	32	.50	.125	23	6	.14	519	.01	8	.56	.03	.15	1	3
10500N 9825E	2	62	280	434	.6	5	14	3869	2.79	48	5	ND	5	25	2.6	2	3	12	.12	.057	24	1	.10	454	.01	5	.51	.01	.11	1	14
10500N 9850E	3	45	79	275	.7	6	21	6478	2.89	57	5	ND	6	56	1.4	3	2	10	.20	.053	30	1	.08	646	.01	6	.62	.01	.13	1	68
10500N 9875E	3	139	122	553	1.5	5	30	8067	6.86	92	5	ND	2	45	3.5	2	4	11	.21	.207	36	1	.08	475	.01	5	.57	.01	.12	1	42
10500N 9900E	3	81	121	395	1.0	4	16	5740	4.55	88	5	ND	2	51	2.2	3	6	8	.30	.143	38	1	.06	718	.01	5	.54	.01	.13	1	54
10500N 9925E	5	79	140	448	1.3	5	20	6557	5.46	117	5	ND	1	52	3.5	4	2	10	.22	.195	31	1	.06	609	.01	2	.74	.01	.12	1	51
10500N 9950E	3	103	111	437	.7	5	18	4851	6.21	123	5	ND	1	87	2.4	4	2	11	.12	.202	33	1	.05	514	.01	3	.68	.01	.14	1	65
10500N 9975E	3	88	106	410	1.2	5	21	6337	5.80	109	5	ND	2	58	2.8	3	3	11	.29	.201	38	1	.07	786	.01	5	.64	.01	.13	1	40
10500N 10000E	4	111	145	726	2.2	7	33	8527	6.99	114	5	ND	5	76	6.2	6	2	12	.20	.133	33	1	.06	1603	.01	7	.52	.01	.15	1	78
10500N 10025E	3	47	186	674	1.0	4	15	5534	4.31	91	5	ND	1	47	4.6	4	3	18	.22	.119	29	1	.09	1067	.01	7	.76	.01	.14	1	15
10500N 10050E	4	44	196	603	1.3	7	12	4007	4.35	114	5	ND	1	41	.7	9	2	20	.03	.147	19	1	.05	320	.01	7	.81	.01	.11	1	7
10500N 10075E	7	49	99	460	.6	88	24	2573	4.91	93	5	ND	1	45	1.6	4	2	17	.17	.092	17	4	.07	323	.01	6	.69	.01	.12	1	8
10500N 10100E	4	47	103	434	.4	52	22	2484	4.28	36	5	ND	1	27	2.6	2	2	19	.12	.100	21	9	.21	398	.01	6	.82	.01	.11	1	18
10500N 10125E	5	29	46	376	.1	119	20	1484	4.65	38	5	ND	1	22	1.1	6	2	41	.22	.196	12	67	1.44	362	.02	4	2.25	.01	.11	1	5
STANDARD C/AU-S	19	60	42	132	7.0	73	31	1053	3.97	41	24	7	39	52	18.5	15	18	56	.51	.094	39	60	.91	182	.08	39	1.88	.06	.13	11	55

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
10500N 10150E	8	62	25	338	.4	243	42	1369	6.07	19	5	ND	3	29	1.8	2	2	87	.43	.091	12	180	4.39	321	.01	3	4.37	.01	.09	1	19
10500N 10175E	31	91	19	725	1.4	74	15	722	5.37	38	5	ND	3	53	6.7	2	2	61	.67	.119	6	19	.71	274	.01	3	1.64	.01	.15	1	4
10500N 10200E	13	65	36	296	.5	43	23	1669	6.00	40	5	ND	4	21	1.4	2	2	49	.38	.108	27	29	.78	273	.01	2	1.85	.01	.15	1	11
10600N 9150E	1	32	146	631	.8	1	10	6387	4.01	20	5	ND	5	40	2.6	2	2	24	.27	.079	21	1	.07	1143	.01	4	.33	.01	.12	1	6
10600N 9225E	1	31	264	561	.5	3	10	5179	2.96	25	5	ND	7	29	3.9	3	2	20	.18	.067	23	1	.09	837	.01	7	.37	.01	.12	1	5
10600N 9250E	1	41	378	792	.4	2	12	6737	4.28	22	8	ND	8	32	5.1	2	2	26	.19	.075	25	1	.08	1005	.01	5	.49	.01	.11	1	7
10600N 9275E	1	16	515	481	.4	3	13	6935	3.27	15	6	ND	7	49	1.8	2	2	22	.29	.058	24	2	.12	1147	.01	7	.41	.01	.13	1	5
10600N 9300E	1	13	89	456	.1	2	12	8032	3.57	18	5	ND	3	63	.8	2	2	27	.23	.068	23	2	.11	1215	.01	4	.51	.01	.11	1	2
10600N 9325E	1	21	120	473	.1	2	8	4330	3.90	5	5	ND	2	30	.5	2	2	33	.03	.105	25	3	.06	503	.01	3	.89	.01	.11	1	3
10600N 9350E	1	16	104	491	.1	3	10	4579	3.67	2	5	ND	2	60	1.3	2	2	34	.23	.105	27	2	.08	1376	.01	4	.71	.01	.13	1	1
10600N 9375E	1	18	276	757	.1	2	8	3933	3.83	5	5	ND	1	53	2.4	2	2	27	.22	.109	26	1	.07	1061	.01	4	.61	.01	.12	1	1
10600N 9425E	1	8	310	898	.1	1	10	5912	3.32	6	5	ND	6	82	2.9	2	2	20	.33	.066	22	1	.06	1005	.01	6	.30	.01	.13	1	1
10600N 9450E	1	54	1991	1650	.7	1	13	6175	3.03	36	5	ND	6	60	30.1	3	2	20	.31	.078	35	1	.05	1090	.01	6	.39	.01	.14	1	6
10600N 9475E	1	15	101	200	.2	1	11	3738	2.02	7	5	ND	6	65	1.3	2	2	24	.40	.068	36	1	.09	846	.01	6	.41	.01	.15	1	1
10600N 9500E	2	54	238	651	.1	2	16	5070	3.74	47	5	ND	6	130	7.1	3	2	23	.38	.111	29	1	.08	1024	.01	9	.42	.01	.14	1	1
10600N 9525E	3	55	622	1101	.4	1	11	4111	2.75	43	5	ND	9	60	20.9	3	2	12	.40	.091	28	1	.06	829	.01	8	.38	.01	.15	1	14
10600N 9550E	4	39	303	553	.5	1	15	3672	2.17	61	5	ND	8	101	6.8	4	2	8	.37	.070	22	1	.05	886	.01	6	.43	.01	.16	1	16
10600N 9575E	1	38	10	154	.1	1	11	1725	2.49	5	5	ND	6	44	.2	2	2	9	.65	.125	26	1	.08	88	.01	8	.46	.01	.18	1	2
10600N 9600E	1	49	18	112	.1	1	12	760	4.73	22	5	ND	7	130	.2	2	2	6	.05	.186	18	1	.02	206	.01	5	.41	.04	.20	1	1
10600N 9625E	3	55	61	215	.6	3	22	6926	5.43	54	5	ND	6	154	.9	3	2	13	.41	.162	31	1	.05	344	.01	3	.38	.02	.18	1	12
10600N 9650E	1	35	27	164	.1	1	12	4697	3.51	28	5	ND	5	123	.2	2	2	19	.43	.112	19	1	.08	767	.01	6	.44	.01	.16	1	4
10600N 9675E	1	46	23	131	.1	2	21	7684	5.50	18	5	ND	5	85	.2	2	2	45	.81	.147	34	1	.20	1427	.01	5	.49	.01	.15	1	3
10600N 9700E	1	35	15	110	.1	2	13	4200	3.59	12	5	ND	5	60	.2	2	2	40	.57	.147	24	1	.15	624	.02	11	.53	.01	.16	1	1
10600N 9750E	1	19	21	94	.2	1	7	2370	2.90	9	5	ND	7	47	.2	2	2	35	.52	.127	28	1	.07	658	.01	8	.49	.01	.18	2	6
10600N 9775E	2	91	87	271	.4	4	26	5262	7.39	78	5	ND	8	206	.8	12	2	81	.35	.122	24	1	.11	1668	.01	6	.51	.01	.14	1	15
10600N 9800E	6	56	229	611	.5	9	12	4705	3.25	65	9	ND	9	63	4.0	8	2	11	.19	.035	22	2	.07	905	.01	4	.38	.01	.12	1	15
10600N 9825E	2	33	118	290	.4	4	10	3021	3.16	38	5	ND	1	25	1.8	3	2	17	.07	.077	21	2	.04	452	.01	3	.68	.01	.10	1	1
10600N 9850E	2	39	103	257	.5	3	9	2434	3.52	30	5	ND	2	25	.7	3	2	16	.04	.072	26	2	.06	272	.01	2	.86	.01	.09	1	9
10600N 9875E	1	54	193	376	.6	2	12	2720	4.31	36	5	ND	5	42	2.5	3	2	14	.11	.089	24	1	.04	709	.01	2	.38	.01	.10	1	9
10600N 9900E	3	59	176	346	.9	3	12	3264	3.73	83	5	ND	2	31	1.7	4	2	13	.05	.088	26	3	.04	440	.01	2	.63	.01	.10	1	15
10600N 9925E	3	64	199	408	1.3	4	11	2984	4.14	72	5	ND	3	37	1.4	4	2	16	.08	.086	24	2	.08	398	.01	2	.63	.02	.10	1	11
10600N 9950E	3	61	131	282	.8	6	11	2808	3.89	67	5	ND	2	29	.4	5	2	15	.03	.091	25	7	.08	230	.01	3	.75	.02	.09	1	18
10600N 9975E	3	64	127	298	.6	6	12	3116	4.21	70	5	ND	2	31	.6	4	2	18	.04	.094	24	4	.11	235	.01	2	.79	.02	.09	1	24
10600N 10000E	3	64	120	285	.5	7	13	3598	4.31	63	5	ND	3	29	.2	2	2	19	.04	.093	24	7	.13	188	.02	2	.98	.02	.09	1	32
10600N 10025E	3	55	124	170	.5	4	11	2042	4.26	61	5	ND	2	22	.2	3	2	24	.02	.094	25	5	.10	106	.02	3	1.41	.02	.08	1	24
10600N 10050E	12	68	25	431	.9	82	21	1275	4.84	44	5	ND	3	28	2.7	4	2	50	.53	.101	12	42	.85	323	.01	2	1.58	.01	.14	1	3
STANDARD C/AU-S	18	59	38	129	7.0	72	31	1048	3.96	40	18	7	40	52	19.3	15	21	58	.52	.095	39	60	.89	183	.09	35	1.89	.06	.14	13	46

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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
10600N 10075E	4	29	41	191	.4	19	7	766	4.31	26	5	ND	1	14	.2	3	2	36	.02	.131	14	16	.09	128	.02	3	1.58	.01	.07	1	2
10600N 10100E	2	52	44	246	.2	85	44	2103	7.20	21	5	ND	2	9	.2	2	2	30	.02	.126	19	16	.16	142	.01	3	1.69	.01	.12	1	2
10600N 10125E	4	69	22	200	.1	135	38	2018	6.51	93	5	ND	2	31	.4	3	2	53	.86	.130	13	124	1.42	1265	.01	3	1.89	.02	.14	1	5
10600N 10150E	3	43	115	197	.1	3	10	2566	3.98	60	5	ND	1	21	.2	4	2	21	.01	.098	23	5	.08	115	.02	4	1.34	.01	.07	1	29
10600N 10175E	4	53	57	318	.2	12	20	2907	5.39	34	5	ND	3	33	1.2	2	2	22	.22	.106	18	9	.26	686	.01	3	.70	.01	.13	1	11
10600N 10200E	5	41	60	213	.5	18	30	2143	5.63	28	5	ND	3	26	.2	3	2	33	.37	.088	33	14	.44	373	.01	2	1.75	.01	.17	1	14
10600N 10225E	5	35	72	304	.1	14	14	1910	4.51	24	5	ND	1	12	.2	2	2	31	.04	.079	22	13	.23	216	.01	2	1.59	.01	.09	1	1
10600N 10250E	4	34	76	347	.4	16	10	1839	4.14	28	5	ND	1	21	.7	2	2	26	.21	.172	17	15	.20	326	.01	2	1.19	.01	.11	1	6
10600N 10275E	3	33	43	330	.1	15	10	1881	3.95	28	5	ND	1	23	.2	3	2	21	.08	.065	16	8	.13	285	.01	4	.75	.01	.12	1	3
10700N 9150E	1	26	193	463	.3	4	9	4584	3.88	9	5	ND	1	29	1.6	2	2	37	.20	.132	24	5	.12	831	.02	4	.96	.02	.12	1	3
10700N 9175E	1	11	141	511	.1	2	5	2735	4.13	10	5	ND	1	33	.3	2	2	43	.05	.087	19	3	.07	326	.02	3	.85	.02	.10	1	1
10700N 9200E	1	12	168	588	.1	2	7	4041	4.18	8	5	ND	1	33	.5	2	2	44	.09	.103	21	3	.08	425	.02	4	.99	.01	.11	1	3
10700N 9225E	1	25	213	596	.1	3	8	4545	4.32	8	5	ND	1	40	.4	2	2	45	.06	.093	25	3	.10	477	.02	5	1.07	.01	.10	1	3
10700N 9250E	1	31	395	948	.1	4	14	8167	5.23	7	5	ND	5	58	2.3	2	2	49	.12	.083	27	2	.14	1173	.03	4	.70	.02	.12	1	2
10700N 9275E	1	34	754	1249	.1	3	15	9125	4.93	16	5	ND	6	87	5.2	3	2	54	.16	.077	22	2	.12	1490	.03	7	.58	.02	.12	1	1
10700N 9300E	1	45	945	1117	.2	3	12	6719	4.27	23	5	ND	4	88	5.3	3	2	40	.14	.068	18	2	.11	1090	.02	7	.48	.01	.10	1	5
10700N 9325E	1	120	1138	1196	.8	2	14	8571	4.77	37	5	ND	6	91	7.0	6	2	36	.23	.079	21	1	.10	1251	.01	6	.45	.01	.14	1	6
10700N 9350E	1	201	1604	1232	1.8	1	15	8700	4.58	60	5	ND	6	107	10.4	8	2	31	.21	.069	21	1	.08	1268	.01	7	.47	.01	.14	1	1
10700N 9375E	2	94	1451	1192	1.0	2	14	6975	3.99	46	5	ND	5	124	12.7	9	2	30	.18	.075	17	1	.07	1130	.01	6	.45	.01	.12	1	1
10700N 9425E	1	36	305	911	.1	9	13	7185	6.55	19	5	ND	5	51	1.4	2	2	58	.25	.129	28	7	.27	1004	.05	5	1.05	.02	.12	1	8
10700N 9425E DUPLICATE	4	39	299	802	.3	3	7	1725	3.61	27	5	ND	1	28	3.4	2	2	28	.08	.073	23	4	.09	317	.02	3	1.18	.01	.09	1	5
10700N 9450E	4	51	948	1128	1.3	5	12	3531	3.34	28	5	ND	4	38	17.2	2	2	17	.22	.107	26	4	.11	519	.02	4	.70	.03	.12	1	11
10700N 9475E	3	44	847	1199	.2	2	10	3754	3.24	46	5	ND	1	50	21.5	2	3	18	.16	.096	22	1	.06	538	.01	4	.59	.01	.11	1	7
10700N 9500E	3	48	812	1000	.1	3	11	3918	3.22	39	5	ND	4	45	15.8	2	2	18	.25	.100	23	1	.10	525	.02	4	.49	.01	.10	1	5
10700N 9525E	3	52	665	1072	.4	4	12	4294	3.66	43	5	ND	4	39	15.2	2	2	19	.22	.093	25	1	.10	588	.02	4	.58	.01	.11	1	9
10700N 9550E	3	48	378	681	.4	4	11	3479	3.67	51	5	ND	5	31	6.3	4	2	18	.10	.080	23	2	.10	432	.02	5	.62	.01	.11	1	3
10700N 9575E	2	32	175	329	.1	2	7	2282	2.94	37	5	ND	1	23	1.2	2	2	15	.06	.073	20	2	.06	245	.01	3	.82	.01	.10	1	5
10700N 9600E	3	34	313	413	.1	3	11	1892	2.79	36	5	ND	1	26	3.3	2	2	16	.12	.079	21	2	.06	348	.01	3	.75	.02	.10	1	5
10700N 9625E	2	46	183	420	.2	3	9	2085	3.68	40	5	ND	3	45	2.4	2	2	16	.16	.085	26	2	.08	444	.01	3	.57	.01	.10	1	7
10700N 9675E	2	53	156	400	.1	2	12	3757	3.87	36	5	ND	2	40	2.2	2	2	15	.11	.085	25	1	.06	517	.01	3	.53	.01	.10	1	12
10700N 9700E	2	52	135	358	.1	3	11	3462	3.62	37	5	ND	3	38	1.8	2	3	14	.10	.079	25	1	.07	490	.01	4	.50	.02	.11	1	6
10700N 9725E	2	54	159	368	.1	3	10	3341	4.01	34	5	ND	1	38	1.5	2	2	18	.08	.091	27	2	.07	419	.01	3	.68	.01	.11	1	7
10700N 9750E	2	39	136	269	.1	2	9	2696	3.49	32	5	ND	1	30	.5	2	2	18	.02	.079	25	2	.06	220	.01	5	.71	.01	.09	1	6
10700N 9775E	2	27	108	161	.2	2	3	963	2.92	23	5	ND	1	21	.4	2	2	25	.02	.098	22	3	.06	142	.01	3	1.42	.01	.07	1	6
10700N 9800E	2	34	84	184	1.5	2	5	1128	4.21	18	5	ND	2	16	.2	2	2	37	.06	.105	24	8	.07	95	.15	2	2.76	.02	.06	1	1
10700N 9825E	2	24	76	92	.2	2	5	776	4.08	23	5	ND	1	19	.2	2	2	29	.02	.066	21	7	.03	90	.03	4	1.88	.01	.07	1	1
STANDARD C/AU-S	18	63	38	132	7.1	72	31	1048	3.96	40	19	7	39	55	19.0	15	20	58	.52	.095	39	60	.89	182	.09	34	1.90	.06	.13	11	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
10700N 9850E	2	22	107	81	.8	4	4	540	2.40	29	5	ND	1	17	.2	2	6	35	.03	.050	24	7	.06	96	.03	4	2.00	.01	.07	1	4
10700N 9875E	4	27	147	104	1.5	4	3	169	5.42	26	5	ND	2	14	.2	5	3	50	.11	.078	28	10	.09	61	.22	4	2.68	.02	.06	1	5
10700N 9900E	2	40	161	523	.8	3	6	2236	3.06	39	5	ND	2	23	1.8	3	2	15	.07	.067	24	1	.04	239	.01	4	.66	.01	.11	1	10
10700N 9925E	20	60	81	517	.7	73	17	1693	5.19	42	5	ND	1	15	3.2	4	2	42	.15	.105	26	14	.35	280	.01	6	1.25	.02	.11	1	10
10700N 9950E	19	66	131	721	.8	74	15	2021	5.09	73	5	ND	1	21	5.4	7	3	24	.11	.103	29	2	.07	319	.01	6	.80	.01	.11	1	4
10700N 9975E	16	44	49	428	.8	41	13	1298	4.94	52	5	ND	1	10	2.1	7	5	35	.08	.170	23	14	.22	296	.01	3	1.60	.01	.12	1	2
10700N 10000E	13	50	49	398	.8	42	19	1667	5.24	37	5	ND	1	7	2.0	6	2	39	.05	.182	24	17	.28	183	.01	6	1.84	.01	.13	2	1
10700N 10025E	5	30	89	164	.6	9	7	845	2.76	25	5	ND	1	14	.2	4	2	41	.06	.082	19	19	.18	113	.02	6	1.83	.03	.09	2	6
10700N 10050E	4	27	60	198	.5	11	4	316	3.43	23	5	ND	1	40	.2	4	5	34	.50	.083	27	34	.28	188	.05	2	3.06	.04	.09	2	4
10700N 10075E	4	21	64	81	.4	4	3	118	5.63	25	5	ND	1	10	.2	2	5	55	.03	.075	20	11	.08	86	.05	4	3.21	.02	.05	2	1
10700N 10100E	4	32	56	237	.6	5	4	1240	4.30	34	5	ND	1	12	.2	2	4	24	.02	.177	17	6	.06	93	.01	6	1.74	.01	.08	1	3
10700N 10125E	5	28	49	144	.6	8	4	649	5.40	23	5	ND	2	7	.2	3	2	24	.05	.090	29	11	.11	62	.08	3	4.09	.06	.08	1	9
10700N 10150E	4	27	76	266	.5	10	5	1188	4.49	27	5	ND	1	12	.2	2	2	38	.03	.130	17	14	.10	108	.03	3	1.66	.01	.08	1	4
10700N 10175E	4	34	101	215	.7	11	8	1403	3.89	29	5	ND	1	14	.2	4	5	37	.05	.109	21	13	.21	94	.03	3	1.98	.02	.10	1	8
10700N 10200E	5	42	81	293	.6	14	8	1248	4.91	28	5	ND	1	10	.2	3	2	40	.02	.153	17	13	.13	110	.01	4	1.92	.01	.07	2	2
10700N 10225E	6	46	64	241	.7	14	20	2722	4.62	26	5	ND	1	10	.4	2	2	48	.05	.309	15	11	.12	294	.01	3	1.37	.01	.09	2	1
10700N 10250E	3	43	148	485	.6	16	13	2794	4.36	32	5	ND	1	21	2.2	2	8	26	.13	.119	22	9	.17	403	.01	4	1.16	.01	.11	1	3
10800N 8975E	1	48	108	631	.6	1	8	4399	3.32	19	5	ND	3	31	1.9	2	2	17	.19	.075	19	1	.05	917	.01	5	.28	.01	.11	1	101
10800N 9000E	1	65	210	676	.4	4	11	5999	4.49	21	5	ND	2	26	1.1	2	2	27	.08	.065	23	4	.07	1191	.01	6	.40	.01	.12	1	20
10800N 9025E	1	62	233	551	.5	3	10	5265	3.93	21	5	ND	1	28	.8	3	2	29	.10	.078	22	1	.08	901	.01	7	.53	.02	.12	1	5
10800N 9050E	1	85	301	805	.7	3	13	6723	4.63	29	5	ND	1	36	2.8	2	2	32	.09	.090	23	2	.09	1193	.01	8	.62	.01	.14	1	11
10800N 9075E	1	40	310	601	.4	4	11	6223	4.83	18	5	ND	1	40	1.0	2	2	33	.09	.097	21	1	.10	1125	.02	9	.63	.01	.14	1	7
10800N 9100E	1	43	464	681	.4	3	11	6151	4.98	16	5	ND	1	40	1.7	4	2	42	.12	.130	24	3	.09	815	.02	10	.80	.01	.16	1	3
10800N 9125E	1	46	399	693	.4	1	13	6914	4.76	17	5	ND	5	60	2.6	3	2	37	.17	.096	21	2	.08	1177	.01	10	.57	.01	.17	1	5
10800N 9150E	1	43	318	604	.4	2	11	6454	4.38	21	5	ND	5	53	2.6	4	6	32	.18	.090	22	2	.08	1119	.01	7	.53	.01	.16	1	8
10800N 9175E	1	42	364	651	.3	3	12	6896	4.37	15	5	ND	4	59	3.5	2	2	36	.19	.088	21	1	.08	1130	.01	11	.54	.01	.16	1	8
10800N 9200E	1	45	434	727	.3	3	13	7229	4.57	15	5	ND	3	60	2.8	3	2	39	.20	.097	22	2	.08	1144	.01	12	.54	.01	.15	1	1
10800N 9225E	1	38	384	710	.3	3	13	7809	5.22	17	5	ND	4	88	3.0	2	2	47	.17	.097	19	3	.09	1230	.01	12	.64	.01	.18	1	3
10800N 9250E	1	49	524	775	.4	4	14	7885	5.15	21	5	ND	2	71	3.3	7	2	47	.21	.102	22	4	.09	1242	.01	9	.66	.01	.18	1	1
10800N 9275E	1	56	545	901	.4	2	15	8539	5.69	22	5	ND	2	75	4.9	5	2	57	.21	.106	23	3	.09	1430	.01	11	.66	.01	.17	1	1
10800N 9300E	1	50	568	951	.5	3	11	6919	5.62	23	5	ND	1	56	2.8	4	2	50	.24	.111	24	2	.10	887	.01	8	.94	.01	.13	1	3
10800N 9325E	1	41	288	652	.1	3	8	4623	4.61	17	5	ND	1	38	.6	2	3	42	.06	.086	21	4	.11	465	.02	4	1.19	.01	.10	1	1
10800N 9350E	1	66	302	807	.4	6	12	5792	5.16	28	5	ND	4	49	1.6	6	3	42	.14	.088	23	4	.19	773	.03	7	.74	.02	.13	1	4
10800N 9425E	1	34	490	938	.3	5	13	7250	5.89	19	5	ND	2	52	2.7	2	2	51	.19	.116	23	4	.14	1071	.02	8	.89	.02	.15	1	1
10800N 9450E	1	37	343	744	.4	4	14	7439	4.92	18	5	ND	4	59	4.9	2	2	42	.34	.118	22	3	.13	1129	.01	11	.69	.02	.20	1	1
10800N 9475E	1	28	224	640	.3	5	10	4476	4.47	16	5	ND	2	40	2.3	2	2	39	.24	.120	26	3	.16	728	.03	8	.95	.02	.13	1	6
10800N 9525E	2	23	199	314	.1	5	8	1549	3.67	17	5	ND	1	23	.4	2	2	41	.11	.105	24	6	.11	314	.03	2	2.12	.03	.11	1	1
STANDARD C/AU-S	18	59	42	132	7.0	73	31	1053	3.98	41	16	7	38	53	18.5	15	20	55	.51	.093	38	59	.91	181	.07	39	1.88	.06	.14	11	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
10800N 9550E	1	22	155	484	.1	4	11	5107	4.16	10	5	ND	1	27	1.5	3	2	42	.09	.116	24	5	.10	550	.02	5	1.20	.02	.12	1	4
10800N 9575E	1	29	249	599	.1	4	12	5100	4.12	17	5	ND	1	43	1.6	2	2	33	.18	.095	24	3	.11	896	.01	6	.65	.02	.13	1	3
10800N 9600E	1	29	252	581	.2	4	10	4142	3.83	18	5	ND	1	31	2.8	3	2	34	.13	.092	23	3	.11	522	.02	5	.74	.01	.12	1	15
10800N 9625E	1	33	271	621	.3	5	9	3498	3.91	19	5	ND	2	35	3.0	3	2	31	.20	.091	24	4	.13	570	.02	6	.82	.03	.13	1	7
10800N 9700E	3	54	526	899	.4	3	12	4560	4.17	38	5	ND	4	36	12.7	4	2	26	.23	.091	23	3	.08	694	.01	5	.52	.01	.13	1	4
10800N 9725E	2	42	180	479	.4	8	8	1891	4.11	30	5	ND	4	35	1.5	3	2	31	.20	.086	26	7	.22	393	.06	5	.90	.04	.12	1	5
10800N 9750E	2	40	169	485	.4	7	9	2839	4.10	30	5	ND	4	30	1.8	3	2	31	.09	.084	26	5	.19	293	.02	5	.92	.03	.11	1	8
10800N 9775E	2	36	140	462	.2	9	9	2936	4.57	27	5	ND	3	25	.7	3	2	34	.07	.098	27	8	.20	237	.04	6	1.29	.03	.11	1	22
10800N 9800E	3	33	129	370	.4	10	8	2238	4.57	25	5	ND	4	23	.6	3	2	38	.09	.105	28	10	.25	211	.08	5	1.63	.04	.11	1	10
10800N 9825E	3	31	127	350	.4	10	7	1743	4.35	19	5	ND	2	20	.7	3	2	37	.07	.108	29	12	.22	228	.09	5	1.75	.03	.11	1	8
10800N 9850E	2	33	130	386	.3	10	8	2263	4.13	24	5	ND	3	20	1.3	2	2	33	.06	.090	26	7	.20	237	.06	4	1.31	.03	.10	1	9
10800N 9875E	2	23	57	399	.1	6	4	1264	3.73	24	5	ND	1	18	.2	3	2	29	.02	.103	22	4	.03	117	.01	4	1.27	.01	.10	1	8
10800N 9900E	4	25	87	146	.3	6	6	549	3.36	21	5	ND	1	14	.4	3	2	41	.05	.078	23	9	.13	118	.02	4	1.92	.03	.08	1	11
10800N 9925E	5	29	48	183	.2	13	10	1983	5.13	13	5	ND	1	11	.2	3	2	45	.05	.111	16	13	.07	70	.07	4	2.00	.01	.08	1	6
10800N 9950E	3	21	65	149	.2	4	4	874	4.88	14	5	ND	1	12	.2	2	2	47	.10	.119	17	11	.06	63	.16	3	2.58	.02	.07	1	7
10800N 9975E	3	29	81	307	.2	6	7	2708	5.36	20	5	ND	1	13	.2	4	2	44	.03	.130	19	11	.02	98	.05	4	1.83	.01	.08	1	2
10800N 10000E	3	34	158	348	.4	8	8	2991	3.93	24	5	ND	1	13	.3	3	2	35	.02	.110	21	7	.08	106	.01	4	1.24	.01	.09	1	8
10800N 10025E	3	37	122	477	.2	9	9	2642	4.44	27	5	ND	1	13	.2	3	2	36	.01	.092	18	10	.10	158	.01	3	1.36	.01	.08	1	1
10800N 10050E	3	32	121	375	.3	9	9	2673	3.89	22	5	ND	1	11	.4	3	2	34	.02	.088	21	8	.14	168	.01	4	1.08	.01	.08	1	2
10800N 10075E	4	28	116	258	.2	9	10	3097	4.01	22	5	ND	1	13	.5	3	2	39	.04	.156	18	9	.19	108	.02	3	1.52	.02	.10	1	1
10800N 10100E	4	31	107	295	.3	8	8	2558	4.11	22	5	ND	1	10	.2	3	3	35	.03	.154	14	9	.11	92	.01	3	1.42	.01	.08	1	5
10800N 10125E	3	28	75	263	.4	7	7	1769	5.19	20	5	ND	1	9	.2	4	2	48	.02	.091	26	12	.07	96	.04	3	1.92	.01	.08	1	6
10800N 10150E	3	34	84	165	.7	7	8	1270	5.36	23	5	ND	1	8	.4	4	2	52	.03	.099	25	15	.13	82	.06	3	2.81	.02	.08	1	3
10900N 8850E	1	43	131	617	.3	1	8	4423	3.82	11	5	ND	3	27	1.8	3	2	26	.23	.081	19	2	.04	753	.01	4	.29	.01	.09	1	17
10900N 8875E	1	34	106	576	.3	2	7	3918	3.65	9	5	ND	3	26	1.2	2	2	25	.25	.080	18	1	.02	677	.01	4	.23	.01	.09	1	23
10900N 9000E	1	31	111	625	.2	2	8	4141	4.00	10	5	ND	2	25	1.3	2	2	26	.20	.083	19	1	.01	822	.01	7	.26	.01	.10	1	11
10900N 9025E	1	64	158	678	.2	2	10	5175	4.43	20	5	ND	3	33	1.8	3	2	33	.16	.080	21	2	.02	868	.01	4	.33	.01	.10	1	17
10900N 9050E	1	182	202	813	1.1	2	13	7379	4.88	68	5	ND	1	46	1.8	4	2	33	.14	.075	25	1	.02	1353	.01	5	.44	.01	.12	1	36
10900N 9075E	1	51	325	656	.4	3	12	6884	4.38	19	5	ND	1	58	1.0	2	2	37	.11	.083	22	4	.04	983	.01	4	.59	.01	.12	1	27
10900N 9100E	1	45	180	593	.4	2	11	5888	4.47	17	5	ND	1	39	1.1	2	2	41	.14	.092	25	3	.03	887	.01	4	.64	.01	.12	1	5
10900N 9125E	1	35	185	598	.4	3	11	5969	4.70	17	5	ND	1	38	1.2	2	2	44	.16	.098	26	2	.04	891	.01	6	.73	.01	.13	1	4
10900N 9150E	1	31	167	606	.5	4	14	7296	5.07	12	5	ND	1	42	.2	3	2	60	.19	.092	25	3	.05	1148	.01	6	.76	.01	.14	1	6
10900N 9175E	1	49	134	588	.1	3	11	6045	4.40	17	5	ND	1	35	.5	2	2	43	.07	.072	24	3	.04	684	.01	5	.74	.01	.12	1	4
10900N 9200E	1	26	206	590	.1	3	9	4700	5.04	12	5	ND	1	34	.4	4	2	51	.15	.119	26	5	.06	598	.02	6	.92	.02	.13	1	4
10900N 9225E	1	34	117	359	.1	3	13	6497	4.57	6	5	ND	5	45	1.2	2	3	50	.41	.129	29	2	.04	1124	.01	6	.60	.01	.16	1	6
10900N 9250E	1	41	169	647	.2	5	13	6752	5.63	12	5	ND	5	48	1.4	3	2	43	.17	.111	31	5	.06	1083	.01	5	.95	.02	.12	1	6
STANDARD C/AU-S	18	60	36	131	6.8	71	31	1053	3.99	40	17	7	36	52	18.5	15	21	58	.53	.096	36	56	.90	179	.09	34	1.90	.06	.14	11	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
10900N 9275E	1	38	298	743	.3	3	15	7934	5.44	15	5	ND	5	49	2.5	5	2	47	.19	.090	24	2	.08	1262	.01	11	.56	.01	.11	1	5
10900N 9300E	1	46	433	1122	.4	5	19	10082	6.56	19	5	ND	5	69	6.5	6	2	64	.24	.098	23	5	.08	1688	.01	10	.57	.01	.12	1	10
10900N 9325E	1	56	693	1058	.3	4	17	9293	5.21	23	5	ND	5	45	1.7	3	2	45	.23	.084	25	3	.09	1454	.01	10	.50	.01	.12	1	8
10900N 9350E	1	19	498	945	.2	6	12	4722	3.94	8	5	ND	4	37	.8	2	2	37	.31	.080	22	5	.28	703	.04	9	.61	.03	.13	1	4
10900N 9375E	1	27	306	814	.3	6	12	4986	4.72	10	5	ND	3	86	2.6	2	2	49	.22	.092	19	4	.20	799	.05	11	.76	.01	.11	1	1
10900N 9425E	1	36	302	852	.4	11	14	6401	6.04	21	5	ND	4	50	1.3	2	2	60	.32	.115	26	9	.31	924	.05	10	.99	.03	.12	1	4
10900N 9450E	1	33	246	814	.4	10	12	5093	5.84	17	5	ND	6	48	1.4	2	2	54	.29	.116	28	8	.34	754	.12	9	1.31	.02	.12	1	8
10900N 9475E	1	30	171	565	.3	11	10	3015	5.18	15	5	ND	5	41	.2	2	2	53	.34	.114	27	9	.44	433	.15	9	1.46	.05	.12	1	14
10900N 9500E	1	37	231	659	.5	8	13	6610	5.31	27	5	ND	4	39	1.9	2	3	49	.26	.123	27	5	.22	895	.04	10	.96	.02	.13	1	8
10900N 9525E	1	32	133	561	.4	8	8	1990	4.91	14	5	ND	3	45	.5	3	5	49	.33	.123	25	8	.29	380	.10	11	1.37	.02	.12	1	5
10900N 9550E	1	37	174	565	.4	9	10	2762	4.48	16	5	ND	4	53	1.3	3	4	43	.32	.099	25	8	.31	551	.06	11	1.10	.02	.12	1	4
10900N 9625E	1	40	463	797	.5	9	12	5299	4.52	24	5	ND	4	39	6.7	3	2	42	.32	.097	24	6	.30	694	.06	10	.80	.03	.12	1	5
10900N 9650E	1	34	497	983	.4	7	11	5204	4.66	25	5	ND	3	36	7.9	2	2	44	.19	.098	24	6	.20	615	.04	9	.82	.02	.11	1	6
10900N 9675E	1	30	232	662	.3	5	10	4839	4.13	14	5	ND	3	23	3.5	3	2	38	.15	.086	21	3	.14	568	.02	8	.58	.01	.10	1	3
10900N 9700E	1	25	132	508	.3	7	8	2917	4.02	14	5	ND	2	23	1.6	3	2	39	.16	.105	25	5	.20	379	.07	8	1.13	.01	.10	1	2
10900N 9725E	1	31	146	509	.3	9	8	2433	4.09	15	5	ND	4	31	.6	2	2	37	.19	.099	24	7	.26	376	.06	8	.89	.02	.10	1	3
10900N 9750E	1	31	141	485	.3	10	8	1692	3.86	17	5	ND	4	33	1.2	2	2	35	.23	.089	25	8	.29	340	.08	8	.95	.05	.11	1	3
10900N 9775E	2	27	133	460	.3	9	7	2147	3.85	13	5	ND	3	28	.4	3	2	35	.16	.089	24	6	.24	336	.07	9	.99	.03	.11	1	1
10900N 9800E	1	21	97	372	.2	9	9	2931	4.03	11	5	ND	2	25	.7	2	2	41	.26	.111	22	7	.27	480	.07	8	1.01	.02	.10	1	3
10900N 9825E	2	18	81	283	.4	4	4	1391	3.72	14	5	ND	1	23	.2	2	2	36	.03	.088	21	8	.07	102	.02	7	1.65	.01	.09	1	1
10900N 9850E	3	18	81	137	.5	6	4	544	3.05	13	5	ND	1	16	.2	2	2	44	.07	.094	19	10	.15	114	.08	7	1.87	.02	.08	1	5
10900N 9875E	2	26	106	332	.2	8	6	2131	3.79	17	5	ND	1	21	.2	3	2	40	.06	.104	19	8	.15	154	.04	9	1.51	.02	.09	1	4
10900N 9900E	2	23	88	324	.3	9	6	1695	3.94	12	5	ND	1	21	.2	4	2	38	.04	.099	21	8	.15	132	.04	9	1.67	.02	.09	1	10
10900N 9925E	4	42	118	459	.3	24	24	3135	6.05	33	5	ND	2	23	1.3	4	2	53	.18	.073	15	8	.18	663	.01	8	.70	.01	.09	1	10
10900N 9950E	5	33	35	206	.4	39	22	1807	3.50	19	5	ND	5	24	.3	4	2	22	.45	.099	38	17	.47	350	.01	7	1.23	.01	.15	1	4
10900N 9975E	6	29	68	303	.3	28	16	3133	4.12	20	5	ND	1	11	.4	3	2	35	.05	.107	16	20	.20	222	.01	8	1.37	.01	.11	1	1
10900N 10000E	5	33	79	318	.4	19	19	3479	4.36	26	5	ND	1	18	.6	2	2	32	.13	.106	24	11	.22	258	.01	9	1.23	.01	.12	1	1
10900N 10025E	10	69	99	312	.9	49	21	2519	5.83	53	5	ND	3	22	.6	6	2	32	.32	.116	33	9	.26	404	.01	8	1.03	.01	.14	1	16
10900N 10050E	3	32	97	395	.3	14	14	3662	4.91	24	5	ND	1	22	.8	2	2	41	.22	.131	23	9	.30	365	.01	7	1.43	.01	.12	1	1
10900N 10075E	3	29	91	407	.3	13	11	2755	4.52	24	5	ND	1	14	.7	3	2	36	.09	.168	12	8	.20	219	.01	7	1.10	.01	.09	1	1
11000N 9150E	1	21	70	481	.2	4	11	5946	4.62	11	5	ND	1	27	.2	2	2	47	.06	.120	24	4	.05	517	.01	9	1.03	.01	.11	1	5
11000N 9175E	1	28	87	532	.3	4	12	6062	4.59	14	5	ND	1	61	.2	2	2	46	.15	.079	24	3	.10	822	.01	9	.72	.01	.10	1	3
11000N 9200E	1	19	112	467	.2	4	14	6022	4.05	6	5	ND	3	48	.6	2	2	44	.23	.071	34	3	.10	965	.01	10	.55	.01	.11	1	4
11000N 9225E	1	21	207	484	.2	4	10	5866	3.89	8	5	ND	1	32	3.3	2	2	34	.15	.093	27	3	.09	832	.02	9	.86	.02	.11	1	2
11000N 9250E	1	32	390	836	.3	6	12	7161	5.26	12	5	ND	4	34	3.4	3	2	46	.12	.105	26	4	.12	938	.03	9	.86	.02	.11	1	5
11000N 9275E	1	28	787	1043	.3	4	13	7379	4.69	9	5	ND	4	41	8.9	2	3	48	.15	.068	19	4	.13	1072	.04	10	.51	.02	.11	1	6
STANDARD C/AU-S	18	61	41	131	6.8	72	31	1050	3.98	41	17	6	36	52	18.7	15	22	59	.52	.097	36	55	.90	179	.09	38	1.88	.06	.14	11	46

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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
11000N 9300E	2	27	716	771	.2	10	9	4136	5.02	16	8	ND	7	37	2.5	2	3	46	.15	.103	29	9	.29	482	.14	3	1.31	.05	.11	1	3
11000N 9325E	1	39	656	598	.4	17	12	1786	3.42	5	5	ND	5	51	4.0	3	2	45	.31	.094	25	15	.43	405	.16	5	1.70	.04	.13	1	4
11000N 9350E	1	24	156	475	.5	12	8	1741	3.61	9	6	ND	4	52	1.6	3	2	43	.35	.089	24	10	.38	334	.06	5	1.12	.05	.14	1	5
11000N 9375E	1	27	250	617	.4	8	11	5890	4.13	3	6	ND	3	36	3.6	3	2	43	.28	.099	27	5	.24	867	.04	5	.87	.04	.13	1	14
11000N 9425E	3	12	37	235	.3	6	4	1312	4.80	5	5	ND	12	5	.3	2	2	11	.07	.061	45	7	.13	246	.11	2	3.67	.10	.11	1	2
11000N 9450E	2	20	72	424	.3	5	6	2204	4.56	7	5	ND	1	18	.7	3	2	47	.07	.123	19	8	.13	264	.07	3	1.48	.02	.09	1	4
11000N 9475E	1	15	34	213	.2	4	5	1250	3.72	2	6	ND	1	13	.5	2	2	41	.10	.116	19	7	.14	150	.06	3	2.50	.02	.07	1	10
11000N 9500E	1	21	239	379	.2	2	7	3233	3.62	15	7	ND	1	18	.7	3	2	31	.04	.106	20	4	.08	307	.03	4	.92	.02	.11	1	2
11000N 9525E	2	22	115	386	.3	6	8	3115	4.16	24	7	ND	2	18	.4	4	2	35	.08	.122	23	6	.16	321	.05	4	1.23	.03	.11	1	3
11000N 9550E	3	20	110	470	.3	5	10	3962	4.20	37	5	ND	1	29	.5	3	2	34	.03	.138	20	6	.09	231	.03	3	1.32	.03	.11	1	1
11000N 9575E	1	23	115	650	.2	3	9	3834	3.84	30	5	ND	1	16	.6	3	2	23	.05	.070	19	2	.06	461	.01	3	.85	.01	.09	1	8
11000N 9600E	1	23	106	437	.2	4	8	2825	3.73	18	5	ND	1	17	.4	2	2	26	.08	.085	22	5	.11	387	.03	3	1.00	.02	.09	1	5
11000N 9625E	1	29	112	455	.2	4	7	1883	3.48	15	5	ND	1	15	.9	3	2	25	.05	.076	22	4	.09	330	.02	3	.98	.01	.09	1	3
11000N 9650E	1	23	74	399	.4	8	6	1463	4.18	6	5	ND	4	21	.4	2	2	37	.20	.118	33	9	.25	391	.15	4	1.72	.03	.10	1	3
11000N 9675E	1	20	92	409	.4	4	6	2117	3.24	15	5	ND	4	32	1.5	2	2	21	.24	.094	25	3	.12	441	.03	4	.68	.02	.09	1	2
11000N 9700E	2	31	75	427	.6	14	8	1255	3.86	19	6	ND	4	32	.9	2	2	28	.28	.080	23	9	.25	451	.06	4	.95	.03	.11	1	4
11000N 9725E	6	39	19	236	.7	39	11	701	4.14	23	6	ND	3	28	1.5	3	2	27	.30	.070	10	17	.36	287	.01	4	.88	.01	.13	1	1
11000N 9750E	2	25	78	289	.6	13	7	1271	4.20	15	5	ND	3	18	.2	2	2	45	.10	.116	26	12	.25	216	.13	3	1.89	.03	.10	1	5
11000N 9775E	3	28	61	151	.6	6	5	800	4.04	22	5	ND	2	13	.2	2	2	50	.06	.112	26	13	.12	99	.10	3	2.58	.03	.09	1	5
11000N 9800E	3	45	33	150	.6	36	17	810	5.38	24	5	ND	2	10	.2	2	2	92	.05	.127	15	74	.46	105	.05	4	2.72	.02	.08	1	1
11000N 9825E	3	15	55	162	.6	5	4	681	6.65	15	5	ND	3	7	.2	2	2	33	.03	.074	32	14	.14	76	.09	2	2.62	.04	.09	1	1
11000N 9850E	2	20	66	381	.2	5	4	1509	4.53	17	5	ND	1	13	.3	3	2	30	.02	.109	20	6	.07	132	.01	4	1.81	.01	.10	1	1
11000N 9875E	4	35	96	383	.5	15	9	1898	4.13	20	5	ND	1	18	.6	3	2	35	.06	.091	21	9	.20	253	.03	3	1.31	.02	.11	1	5
11000N 9900E	3	31	74	285	.6	14	9	1842	4.64	18	5	ND	2	14	.3	3	2	36	.05	.115	26	11	.22	124	.06	3	1.64	.03	.11	1	5
11000N 9925E	3	29	68	261	.3	6	10	1583	5.02	14	5	ND	2	11	.2	2	2	40	.03	.122	25	11	.11	80	.05	6	2.26	.02	.09	1	3
11000N 9950E	4	25	45	162	.5	5	5	1542	5.87	18	7	ND	2	8	.5	3	2	46	.03	.117	22	12	.07	70	.06	3	2.48	.01	.08	1	6
11000N 9975E	2	24	53	208	.2	7	9	1892	4.74	22	5	ND	1	10	.3	2	2	33	.02	.133	27	12	.11	112	.02	3	2.62	.02	.09	1	2
11000N 10000E	5	33	78	336	.7	15	10	1936	4.30	26	5	ND	1	40	1.0	3	2	34	.27	.107	26	10	.17	269	.02	3	1.55	.02	.11	1	11
11000N 10025E	5	36	91	434	.4	18	12	2780	4.98	30	5	ND	1	23	1.1	2	2	31	.11	.092	26	8	.19	279	.01	3	1.19	.01	.10	1	27
11000N 10050E	4	23	82	193	.4	10	6	1037	4.17	20	5	ND	1	14	.2	3	2	44	.06	.122	22	12	.18	108	.06	3	2.03	.02	.08	1	5
11100N 9050E	2	28	127	421	.6	4	8	3682	3.89	15	5	ND	1	23	1.5	2	2	34	.09	.089	21	4	.11	357	.02	3	.99	.02	.11	1	1
11100N 9075E	1	18	104	270	.3	3	5	2263	3.10	11	5	ND	1	21	.7	2	2	36	.03	.112	20	4	.09	172	.01	4	1.09	.02	.10	1	1
11100N 9100E	1	18	95	310	.6	1	6	3230	2.90	4	5	ND	3	16	.8	2	2	27	.01	.063	19	2	.05	211	.01	2	.77	.01	.08	1	1
11100N 9125E	2	25	118	415	.5	3	8	4012	4.00	9	5	ND	2	20	1.5	3	2	36	.04	.085	21	3	.08	377	.02	4	.95	.02	.11	1	5
11100N 9150E	1	32	151	475	.5	4	11	5323	4.12	12	5	ND	5	24	2.6	2	2	36	.07	.073	25	3	.11	759	.02	4	.70	.02	.12	1	1
11100N 9175E	1	30	114	468	.5	5	9	4345	3.99	8	5	ND	6	26	1.8	2	2	36	.10	.066	24	4	.14	715	.03	5	.66	.03	.12	1	3
STANDARD C/AU-S	19	59	41	131	7.2	73	31	1048	4.00	38	19	7	40	52	18.9	15	20	59	.52	.097	40	61	.89	183	.09	35	1.89	.06	.13	13	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	Au* ppb
11100N 9200E	1	25	109	494	.3	6	11	5141	4.48	6	5	ND	4	26	2.3	2	2	45	.21	.083	23	4	.17	970	.03	10	.70	.02	.12	1	6
11100N 9225E	1	35	155	612	.3	9	10	3883	4.55	12	5	ND	4	37	.6	4	2	47	.18	.075	20	9	.26	741	.06	8	.79	.02	.10	1	4
11100N 9250E	1	28	112	686	.2	10	14	5821	5.02	8	5	ND	4	41	1.3	2	2	52	.15	.075	18	6	.27	911	.05	9	.60	.01	.10	1	3
11100N 9275E	1	21	91	567	.2	12	13	4867	4.38	8	5	ND	4	35	1.6	2	2	47	.19	.063	19	6	.36	734	.05	9	.56	.02	.10	1	3
11100N 9300E	1	25	100	562	.3	11	11	4357	4.21	8	5	ND	4	26	1.4	3	2	40	.14	.061	20	5	.31	654	.04	9	.56	.02	.09	1	1
11100N 9425E	1	23	35	225	.2	6	8	2869	4.04	12	5	ND	1	15	.2	4	2	30	.12	.109	21	4	.12	476	.01	8	1.19	.01	.11	1	1
11100N 9450E	1	19	16	197	.3	6	5	1790	4.70	16	5	ND	1	12	.2	5	2	35	.11	.128	21	8	.13	254	.03	8	1.80	.02	.08	1	5
11100N 9475E	1	24	38	393	.3	7	9	3550	4.91	23	5	ND	1	21	.2	4	2	41	.16	.123	25	8	.20	485	.06	9	1.40	.03	.10	1	6
11100N 9500E	1	25	44	343	.5	5	10	4037	4.03	19	5	ND	1	17	.2	5	2	26	.13	.078	23	4	.10	530	.01	10	.70	.01	.12	1	1
11100N 9525E	1	23	36	291	.4	7	7	1819	4.27	19	5	ND	1	18	.2	5	2	32	.10	.089	23	5	.16	287	.06	12	1.28	.02	.09	1	1
11100N 9550E	1	26	39	332	.6	6	10	3378	4.38	14	5	ND	2	12	.3	5	2	32	.11	.099	25	5	.14	453	.04	10	.86	.01	.10	1	4
11100N 9575E	2	24	37	300	.6	10	8	1724	4.13	19	5	ND	3	16	.3	4	2	33	.10	.085	23	7	.26	211	.07	8	1.28	.05	.10	1	9
11100N 9600E	1	25	40	364	.6	10	10	2529	4.87	18	5	ND	3	14	.2	3	2	40	.09	.095	20	8	.30	255	.09	9	1.08	.02	.10	1	1
11100N 9625E	1	24	41	356	1.2	11	7	1147	4.49	16	5	ND	2	20	.3	4	2	40	.21	.122	27	10	.30	360	.09	9	1.37	.02	.10	1	7
11100N 9650E	1	21	27	343	1.4	11	7	1108	4.80	21	7	ND	2	24	.2	3	2	37	.35	.109	37	9	.35	678	.11	8	1.57	.02	.12	1	5
11100N 9675E	7	47	22	291	.7	42	13	859	4.67	34	5	ND	1	31	1.8	3	2	37	.37	.085	8	15	.38	450	.01	9	1.00	.01	.12	1	9
11100N 9700E	6	45	14	226	.6	41	13	821	4.57	32	5	ND	2	31	1.2	2	3	33	.41	.086	10	16	.32	410	.01	8	.91	.01	.13	1	6
11100N 9725E	2	27	36	281	.4	16	7	876	3.95	19	5	ND	3	31	.2	3	2	33	.29	.087	26	11	.33	326	.05	8	1.29	.02	.10	1	5
11100N 9750E	3	34	26	224	.4	33	10	840	4.37	44	5	ND	3	28	.3	5	2	32	.32	.097	23	14	.37	321	.04	8	1.25	.01	.10	1	1
11100N 9775E	4	28	28	206	.5	25	9	892	3.88	27	5	ND	2	24	.3	3	2	27	.27	.073	24	12	.35	204	.03	6	1.09	.02	.10	1	8
11100N 9800E	3	14	33	134	.7	6	6	607	4.11	14	5	ND	1	7	.2	3	2	42	.07	.109	24	13	.13	94	.11	6	2.87	.02	.07	1	4
11100N 9825E	4	27	37	287	.5	15	10	1643	4.41	23	5	ND	1	14	.2	4	2	42	.10	.090	22	12	.28	196	.04	8	1.59	.02	.10	1	14
11100N 9850E	3	16	28	106	.4	5	4	352	4.33	14	5	ND	1	7	.2	2	2	55	.05	.087	13	10	.07	61	.08	6	1.78	.01	.06	1	2
11200N 8900E	1	141	112	775	.9	2	11	5917	4.36	51	5	ND	1	34	1.8	2	2	27	.14	.066	26	1	.03	1116	.01	8	.39	.01	.10	1	34
11200N 8925E	1	200	106	667	1.0	2	8	4157	3.92	46	5	ND	1	27	1.0	3	2	27	.12	.083	26	1	.03	690	.01	8	.42	.01	.11	1	43
11200N 8950E	1	23	50	366	.2	3	10	5861	3.36	8	5	ND	1	25	.2	2	2	36	.04	.071	20	3	.06	629	.01	8	.76	.01	.11	1	6
11200N 8975E	1	20	63	240	.5	4	8	4435	3.27	17	5	ND	1	30	.2	3	2	42	.03	.097	16	5	.06	264	.02	9	.95	.01	.13	1	1
11200N 9000E	1	63	71	544	1.3	6	15	7877	4.81	13	5	ND	1	34	.2	2	2	57	.03	.120	18	7	.09	671	.02	9	1.05	.01	.11	1	8
11200N 9025E	2	19	58	351	.8	8	12	5319	4.23	7	5	ND	1	45	.5	2	2	57	.04	.099	14	9	.15	437	.09	8	1.18	.01	.11	1	1
11200N 9050E	3	21	58	300	.9	10	7	2011	3.60	14	5	ND	1	18	1.2	2	3	49	.19	.110	9	13	.17	571	.02	7	.98	.01	.10	1	1
11200N 9075E	2	16	126	222	.4	3	5	1989	2.42	10	5	ND	1	14	.3	2	4	25	.03	.080	21	5	.05	115	.02	6	.72	.01	.10	2	1
11200N 9100E	2	23	190	268	.5	7	8	2693	3.10	15	5	ND	1	16	.2	2	2	32	.04	.086	22	8	.20	117	.04	8	1.18	.02	.10	1	6
11200N 9125E	2	23	195	360	.5	7	8	2859	2.96	12	5	ND	1	17	.5	3	2	26	.04	.068	22	6	.16	220	.02	7	.81	.02	.10	1	2
11200N 9150E	3	23	271	377	.9	4	10	3383	3.10	15	5	ND	1	21	.6	3	2	26	.06	.079	24	4	.13	282	.03	9	.75	.02	.11	1	5
11200N 9175E	1	21	61	338	.3	4	4	2140	3.91	5	5	ND	1	20	.2	3	2	36	.03	.094	15	4	.06	179	.02	8	.95	.01	.09	1	1
11200N 9200E	1	21	85	352	.1	4	5	2801	4.28	7	5	ND	1	18	.2	2	2	38	.04	.089	14	5	.04	201	.03	8	.76	.01	.10	1	1
STANDARD C/AU-S	18	60	37	131	6.8	72	31	1049	3.97	40	17	7	37	51	18.4	15	20	59	.52	.098	35	55	.90	183	.09	38	1.88	.06	.14	11	55

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
11200N 9225E	1	24	78	282	.2	3	4	1715	3.63	7	5	ND	1	17	.2	2	2	34	.02	.093	21	3	.08	140	.01	2	1.28	.01	.09	1	12
11200N 9250E	1	32	145	403	.3	5	12	4825	4.15	11	5	ND	3	30	2.0	4	2	34	.14	.068	23	3	.17	674	.02	3	.64	.02	.11	1	7
11200N 9275E	1	31	173	426	.2	5	14	5784	4.31	11	5	ND	3	35	2.7	2	2	36	.25	.086	24	2	.14	893	.02	3	.57	.02	.12	1	4
11200N 9300E	1	28	47	246	.2	6	13	4626	4.21	9	5	ND	3	35	1.3	2	2	36	.36	.085	23	4	.32	764	.06	4	.69	.04	.11	1	5
11200N 9325E	1	24	56	311	.2	4	11	4165	3.73	10	5	ND	2	21	1.3	2	2	27	.13	.060	22	2	.10	632	.01	3	.55	.01	.10	1	7
11200N 9350E	1	39	50	256	.2	3	11	3621	3.27	15	5	ND	3	17	.8	3	2	24	.11	.052	21	2	.11	506	.01	2	.52	.01	.10	1	3
11200N 9425E	1	14	26	183	.3	6	8	2091	3.36	12	5	ND	1	14	.3	2	2	32	.20	.069	23	5	.18	439	.02	4	.89	.02	.11	1	1
11200N 9450E	1	15	23	172	.2	4	6	1369	4.17	10	5	ND	1	8	.6	3	2	40	.04	.084	18	5	.06	127	.02	2	1.55	.01	.08	1	1
11200N 9475E	1	7	20	247	.2	3	8	2632	4.95	7	5	ND	1	7	1.1	2	2	50	.20	.137	33	3	.06	433	.01	3	.97	.01	.13	1	2
11200N 9500E	1	12	32	345	.5	3	9	2572	3.61	12	5	ND	1	8	.7	2	2	31	.11	.088	17	3	.04	381	.01	2	.92	.01	.11	1	6
11200N 9525E	2	13	33	254	.5	6	7	1937	4.38	13	5	ND	1	7	.4	2	2	41	.06	.108	20	8	.16	148	.07	3	1.74	.03	.08	1	3
11200N 9550E	1	12	42	479	.6	5	7	2078	4.36	49	5	ND	1	8	.2	3	2	24	.02	.081	13	5	.01	159	.01	2	.84	.01	.09	1	6
11200N 9575E	1	18	99	557	.9	5	10	3061	3.92	56	5	ND	1	11	.6	2	2	29	.06	.082	15	4	.07	250	.02	2	.94	.01	.10	1	3
11200N 9600E	3	19	49	503	2.4	16	8	1893	5.01	37	7	ND	3	7	1.0	3	2	25	.05	.088	26	8	.16	128	.06	2	2.08	.04	.10	1	9
11200N 9625E	5	29	42	288	1.6	16	9	1306	4.23	28	5	ND	1	8	.2	3	2	41	.04	.107	18	15	.26	112	.02	2	2.05	.03	.10	1	2
11200N 9650E	8	44	25	365	.9	41	13	884	4.42	38	5	ND	2	24	2.1	2	2	32	.30	.080	10	10	.27	339	.01	3	.83	.02	.10	1	3
11200N 9675E	5	44	25	188	.4	59	16	1528	4.69	41	5	ND	2	42	1.2	2	2	29	.39	.078	17	34	.57	430	.01	3	1.15	.01	.12	1	14
11200N 9700E	4	40	27	139	.3	67	19	1243	4.40	53	5	ND	4	17	.7	3	2	24	.37	.097	23	21	.40	404	.01	2	1.09	.01	.12	1	16
11200N 9725E	4	27	22	124	.2	26	13	1406	3.76	41	5	ND	2	9	.4	2	2	19	.13	.079	25	12	.28	246	.01	2	1.15	.01	.13	1	15
11200N 9750E	4	30	21	150	.4	25	12	1128	3.61	29	5	ND	1	30	.5	2	2	21	.31	.089	19	9	.23	195	.01	2	1.08	.01	.12	1	23
11200N 9775E	5	36	17	146	.2	21	11	1089	4.06	36	5	ND	1	14	.3	2	2	27	.18	.127	18	8	.18	309	.01	2	1.33	.01	.12	1	13
11200N 9800E	5	35	27	157	.2	23	12	1273	4.06	32	5	ND	1	13	.2	2	2	24	.19	.095	21	8	.24	207	.01	2	1.21	.02	.12	1	15
11200N 9825E	5	24	32	130	.2	14	8	1193	3.27	21	5	ND	4	17	.7	2	2	16	.26	.068	30	4	.33	224	.01	2	1.05	.01	.14	1	10
11200N 9850E	5	26	31	133	.2	14	10	2267	3.53	18	5	ND	2	20	.5	2	2	18	.29	.077	30	6	.47	287	.01	3	1.29	.02	.14	1	7
11300N 8925E	1	24	127	317	.3	4	10	4008	3.98	12	5	ND	1	24	.5	2	2	47	.05	.074	13	4	.06	466	.04	2	.89	.01	.10	1	6
11300N 8950E	1	21	91	359	.1	3	11	5305	3.92	14	5	ND	1	20	.2	2	2	49	.06	.118	20	5	.05	494	.03	2	1.07	.01	.12	1	6
11300N 8975E	1	31	343	583	.2	4	8	4415	3.81	10	5	ND	1	22	1.3	2	2	32	.06	.072	17	3	.07	374	.01	3	.69	.02	.09	1	3
11300N 9000E	1	30	241	581	.2	4	9	4649	4.04	11	5	ND	1	24	1.1	2	2	35	.03	.073	20	3	.09	474	.02	3	.76	.02	.10	1	4
11300N 9025E	1	33	615	842	.2	4	10	5081	4.01	13	5	ND	2	33	3.1	4	2	32	.05	.069	18	4	.08	567	.01	4	.63	.01	.10	1	6
11300N 9050E	1	30	1037	1242	.1	3	11	6160	4.14	12	5	ND	4	46	8.2	2	2	31	.07	.071	19	1	.02	853	.01	4	.54	.01	.12	1	4
11300N 9075E	1	42	165	397	.3	7	9	3269	4.08	15	5	ND	1	19	.5	2	2	35	.08	.086	21	5	.20	331	.03	3	1.14	.03	.10	1	4
11300N 9100E	1	186	1165	978	1.1	6	10	4295	4.48	27	5	ND	1	24	2.2	2	2	39	.13	.094	29	6	.18	697	.03	3	.95	.03	.10	1	14
11300N 9125E	2	23	139	327	.4	7	6	1953	3.26	15	5	ND	1	14	.8	3	2	38	.06	.089	19	9	.23	174	.04	2	1.49	.03	.08	1	6
11300N 9150E	1	25	101	342	.2	6	8	3407	4.09	16	5	ND	1	19	.5	3	2	36	.09	.092	22	5	.17	290	.03	3	1.28	.03	.09	1	3
11300N 9175E	1	26	115	635	.1	6	7	3987	5.27	25	5	ND	1	21	.9	4	2	30	.04	.100	27	5	.09	275	.03	3	1.65	.03	.09	1	4
11300N 9200E	1	23	73	228	.1	4	7	2786	3.62	12	5	ND	1	16	.2	2	2	35	.03	.101	19	5	.12	138	.02	3	1.46	.02	.09	1	3
STANDARD C/AU-S	17	59	39	130	6.6	70	32	1048	3.97	39	18	7	36	50	18.4	15	21	58	.52	.093	37	56	.90	182	.09	32	1.90	.06	.14	13	55

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
11300N 9225E	2	25	78	274	.1	5	8	3144	3.97	10	5	ND	1	16	.5	2	2	35	.04	.094	21	5	.14	254	.03	5	1.38	.02	.09	1	8
11300N 9250E	1	33	134	403	.2	5	12	4461	4.06	13	5	ND	3	27	1.9	2	2	27	.09	.068	22	3	.14	714	.01	6	.75	.02	.11	1	4
11300N 9275E	1	39	86	376	.4	10	15	3341	5.09	18	5	ND	4	50	1.2	4	2	45	.42	.085	22	8	.56	669	.14	7	.96	.10	.12	1	3
11300N 9300E	1	32	92	542	1.1	6	10	3519	4.65	19	5	ND	3	26	.9	4	2	34	.11	.074	18	3	.18	512	.06	5	.71	.01	.10	1	3
11300N 9325E	1	31	132	753	.8	7	10	3911	4.59	25	5	ND	3	22	1.5	3	2	30	.10	.069	19	3	.13	531	.04	3	.54	.01	.08	1	1
11300N 9350E	2	26	146	916	1.8	8	10	3903	4.33	39	5	ND	2	23	1.1	4	2	28	.10	.057	16	3	.12	485	.02	4	.48	.01	.08	1	8
11300N 9375E	2	33	152	1155	3.1	10	10	4090	4.85	43	5	ND	3	24	1.7	4	2	34	.09	.055	18	5	.16	486	.05	5	.66	.02	.08	1	8
11300N 9425E	5	24	59	345	1.2	17	8	1332	4.66	30	6	ND	3	12	.5	3	2	42	.11	.097	25	10	.34	205	.15	6	2.04	.05	.09	1	2
11300N 9450E	4	25	60	326	1.4	21	10	1311	4.70	27	5	ND	3	13	.5	2	2	48	.14	.101	19	12	.48	237	.16	4	2.04	.04	.09	1	2
11300N 9500E	8	43	14	280	.5	37	11	566	4.13	17	5	ND	1	27	2.0	2	2	37	.35	.066	6	15	.45	291	.01	5	1.19	.02	.12	1	3
11300N 9525E	7	57	11	317	.8	46	18	1058	5.71	18	5	ND	1	42	3.6	2	2	72	.45	.118	11	38	.79	539	.01	5	1.95	.02	.14	1	3
11300N 9550E	2	56	20	134	.1	31	18	1037	5.65	12	5	ND	1	31	.9	2	2	67	.53	.106	12	36	.58	873	.01	4	1.66	.02	.11	1	8
11300N 9575E	5	40	13	147	.3	22	11	599	5.01	14	5	ND	1	15	.3	2	2	62	.14	.212	8	24	.29	278	.01	3	1.63	.01	.10	1	3
11300N 9600E	6	46	19	146	.1	33	15	1053	4.67	31	5	ND	1	10	.2	2	2	25	.09	.098	18	8	.16	345	.01	2	1.10	.01	.10	2	5
11300N 9625E	7	46	25	137	.3	39	16	1086	4.68	42	5	ND	4	23	.2	2	2	17	.41	.114	21	4	.07	797	.01	4	.58	.01	.13	2	17
11300N 9650E	5	73	36	155	.4	165	43	1624	6.02	83	5	ND	3	22	.2	4	2	30	.64	.138	21	75	.53	659	.01	6	1.07	.01	.15	1	16
11300N 9675E	5	36	37	134	.6	21	13	1342	3.98	69	5	ND	5	25	.2	4	2	11	.45	.096	26	2	.03	450	.01	3	.50	.01	.14	2	36
11300N 9700E	6	52	32	159	.4	26	19	1668	5.31	55	5	ND	4	27	.3	4	2	18	.51	.110	20	3	.03	484	.01	5	.52	.01	.13	2	410
11300N 9725E	12	54	35	203	.4	55	16	2018	6.12	75	5	ND	6	32	.7	5	2	19	.62	.121	19	2	.01	426	.01	4	.59	.01	.15	2	17
11300N 9750E	9	73	25	200	.3	52	24	1968	7.83	86	5	ND	6	70	.6	4	2	32	.59	.144	16	4	.01	707	.01	3	.66	.03	.15	1	18
11300N 9775E	3	73	23	148	.2	30	21	1289	6.14	29	5	ND	5	34	.2	2	3	39	.56	.125	13	7	.31	393	.01	5	1.30	.01	.15	1	5
11400N 8825E	1	54	74	520	.3	2	9	5057	3.26	19	5	ND	2	30	1.1	4	2	24	.22	.060	16	1	.05	956	.01	3	.23	.01	.09	1	17
11400N 8850E	1	76	85	664	.3	2	13	7848	4.48	28	5	ND	4	35	1.1	2	2	38	.25	.066	31	1	.05	1516	.01	7	.37	.01	.12	1	12
11400N 8875E	1	68	121	767	.3	3	12	7323	4.28	25	5	ND	2	35	1.6	4	2	33	.18	.065	29	2	.08	1278	.01	5	.40	.01	.10	1	35
11400N 8900E	1	32	118	440	.8	4	11	5618	4.30	20	5	ND	1	24	.2	2	2	44	.14	.081	25	3	.08	779	.01	4	.89	.01	.10	1	8
11400N 8925E	1	33	114	609	.8	4	13	7222	5.16	34	5	ND	1	26	.3	3	2	49	.05	.109	25	4	.06	758	.01	5	1.12	.01	.10	1	4
11400N 8950E	2	13	48	239	.5	4	5	3922	3.15	3	5	ND	1	16	.2	2	2	54	.05	.081	12	7	.03	297	.04	2	1.10	.01	.07	1	4
11400N 8975E	1	12	23	456	.1	1	10	5437	3.68	5	5	ND	1	30	.2	2	2	37	.02	.029	8	1	.01	821	.01	5	.37	.01	.09	1	1
11400N 9000E	1	29	249	795	.5	5	11	5830	4.35	17	5	ND	1	18	3.1	2	3	31	.04	.091	20	3	.05	675	.01	3	.82	.01	.09	1	12
11400N 9025E	2	23	94	364	.8	4	5	1770	3.26	18	5	ND	1	16	.2	4	2	23	.12	.053	16	3	.06	278	.01	3	.69	.02	.08	1	3
11400N 9050E	1	30	254	785	.5	5	9	4305	4.25	19	5	ND	1	18	2.3	4	2	31	.12	.085	21	5	.13	434	.02	4	.92	.01	.08	1	9
11400N 9075E	1	30	416	922	.7	6	9	4460	4.32	24	5	ND	1	17	3.1	3	2	34	.09	.089	22	5	.17	375	.04	4	1.00	.02	.09	1	12
11400N 9100E	1	25	222	644	1.1	6	9	3396	4.40	20	5	ND	2	15	1.4	4	2	40	.10	.095	25	8	.19	318	.08	5	1.50	.02	.09	1	13
11400N 9125E	1	33	209	720	.6	3	9	4042	3.86	28	5	ND	3	24	2.7	3	2	21	.14	.068	20	1	.09	495	.01	4	.49	.01	.08	1	16
11400N 9150E	4	36	140	490	.4	12	11	3545	3.40	35	5	ND	3	24	2.1	5	2	23	.14	.054	16	4	.17	555	.01	5	.57	.02	.10	1	6
11400N 9175E	5	31	129	537	.4	13	10	3691	3.90	32	5	ND	1	23	1.7	5	2	29	.14	.075	18	4	.16	499	.02	5	.77	.02	.09	1	23
STANDARD C/AU-S	17	60	38	131	6.9	68	31	1044	3.96	41	18	7	36	50	19.0	15	19	57	.51	.093	37	55	.89	181	.09	33	1.88	.06	.14	11	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
11400N 9200E	7	39	56	392	.7	24	10	2047	4.12	30	5	ND	2	23	.9	2	2	32	.21	.066	12	8	.25	425	.01	4	1.13	.02	.12	1	4
11400N 9225E	2	40	130	428	.7	6	11	4394	3.29	32	5	ND	5	40	1.3	4	2	19	.23	.066	16	2	.12	695	.01	7	.46	.01	.11	1	6
11400N 9250E	1	37	191	510	.4	4	12	5900	3.11	27	5	ND	5	54	2.9	5	2	19	.26	.058	14	1	.10	922	.01	8	.43	.01	.12	1	9
11400N 9275E	2	36	232	479	1.0	5	12	4758	3.12	48	5	ND	6	47	2.1	5	3	15	.23	.069	20	2	.10	726	.01	7	.44	.01	.13	1	11
11400N 9300E	1	37	114	313	.8	5	10	3840	2.57	39	5	ND	6	47	1.3	4	2	14	.37	.091	21	2	.11	562	.01	9	.48	.01	.15	1	3
11400N 9325E	3	42	166	517	1.8	7	13	3447	2.77	87	5	ND	6	40	2.1	7	2	16	.20	.045	15	2	.13	629	.01	6	.46	.01	.11	1	8
11400N 9350E	4	54	263	1247	2.3	15	18	4476	4.07	107	5	ND	4	42	3.5	7	3	28	.14	.051	16	5	.23	723	.03	4	.67	.02	.10	1	8
11400N 9375E	6	47	177	735	2.0	22	13	2781	3.63	86	5	ND	2	30	3.0	4	2	28	.18	.069	15	7	.20	670	.01	5	1.03	.01	.13	1	5
11500N 8850E	1	47	135	672	.6	2	11	6713	4.00	23	5	ND	4	29	1.1	5	2	26	.16	.060	22	1	.06	1200	.01	4	.34	.01	.09	1	4
11500N 8875E	2	33	180	656	.5	5	10	4851	3.86	34	5	ND	3	27	2.0	5	2	21	.17	.068	19	2	.09	825	.01	5	.47	.01	.10	1	7
11500N 8900E	1	30	234	796	.8	3	13	7272	3.72	21	5	ND	6	30	1.5	4	2	20	.13	.056	24	1	.08	1499	.01	4	.37	.01	.10	1	11
11500N 8925E	1	58	607	982	.8	1	14	9078	4.20	35	5	ND	6	34	1.9	6	2	24	.14	.057	26	1	.06	1671	.01	6	.34	.01	.11	1	3
11500N 8950E	1	29	176	839	.2	2	13	8425	3.97	21	5	ND	5	30	1.2	3	2	23	.12	.052	24	1	.05	1640	.01	5	.31	.01	.10	1	9
11500N 8975E	1	38	273	957	.6	2	13	7704	4.23	34	5	ND	4	35	2.3	6	2	20	.14	.056	25	1	.07	1406	.01	5	.36	.01	.11	1	9
11500N 9000E	1	33	198	1163	.3	1	15	11992	5.29	19	5	ND	5	33	2.2	5	2	23	.14	.064	27	1	.06	1661	.01	3	.31	.01	.11	1	5
11500N 9025E	1	45	336	958	.7	3	12	6369	3.80	36	5	ND	4	25	2.9	8	2	17	.11	.052	23	1	.07	830	.01	5	.40	.01	.10	1	35
11500N 9050E	1	42	329	898	.7	3	10	4821	4.29	32	5	ND	4	30	1.7	4	2	25	.12	.068	24	2	.10	630	.01	5	.53	.01	.11	1	20
11500N 9075E	1	24	574	1269	.6	3	9	5089	3.48	29	5	ND	3	21	6.3	3	3	15	.15	.061	31	1	.09	770	.01	4	.44	.01	.11	1	20
11500N 9100E	1	23	169	521	.4	1	7	3711	3.31	24	5	ND	1	16	.8	3	2	24	.10	.122	23	2	.05	486	.01	4	.79	.01	.10	1	4
11500N 9125E	1	25	301	699	.4	2	10	5345	3.08	37	5	ND	1	25	2.8	4	2	18	.19	.129	22	1	.05	742	.01	6	.57	.01	.12	1	11
11500N 9150E	1	32	437	905	1.1	2	12	7363	2.89	37	5	ND	3	54	3.4	5	2	14	.21	.052	26	1	.06	1188	.01	8	.47	.01	.13	1	18
11500N 9175E	1	33	677	1225	1.4	2	11	6672	3.29	43	5	ND	2	41	6.1	8	2	14	.29	.064	26	1	.07	943	.01	8	.49	.01	.13	1	75
11500N 9200E	1	27	176	742	.7	3	11	5674	3.11	36	5	ND	1	22	2.8	3	2	23	.36	.154	17	3	.08	585	.01	6	.60	.01	.14	1	4
11500N 9225E	1	23	136	590	.8	3	9	4320	2.90	37	5	ND	1	25	1.5	3	2	20	.45	.108	24	3	.09	572	.01	6	.76	.01	.13	1	7
11500N 9250E	1	24	154	622	1.0	2	9	3996	2.45	50	5	ND	3	47	1.8	6	2	15	.24	.059	20	1	.07	567	.01	8	.47	.01	.14	1	9
11500N 9275E	1	17	161	695	1.1	3	11	4800	2.82	55	5	ND	5	55	1.7	3	2	18	.26	.063	23	2	.13	653	.01	8	.58	.01	.14	1	5
11500N 9300E	1	19	156	690	1.3	4	11	5092	2.79	71	5	ND	4	46	2.2	4	2	18	.28	.070	25	2	.13	653	.01	8	.66	.01	.13	1	5
11600N 8800E	1	64	100	603	.5	2	9	4812	3.46	29	5	ND	4	27	.8	4	2	21	.18	.063	20	1	.07	856	.01	4	.29	.01	.09	1	29
11600N 8825E	1	32	85	546	.1	1	10	6410	3.34	20	5	ND	3	23	.2	2	2	23	.13	.056	22	1	.04	1028	.01	3	.30	.01	.09	1	7
11600N 8850E	1	23	109	563	.1	2	12	8990	3.77	17	5	ND	3	24	.2	2	2	35	.13	.059	31	2	.05	1365	.01	3	.43	.01	.10	1	6
11600N 8875E	1	16	81	386	.1	1	8	5333	3.32	14	5	ND	1	15	.2	2	2	34	.02	.072	20	2	.03	445	.01	4	.81	.01	.08	1	3
11600N 8900E	1	10	135	447	.1	1	5	3101	3.50	16	5	ND	1	18	.2	2	2	25	.01	.055	19	1	.03	309	.01	4	.68	.01	.09	1	1
11600N 8925E	1	12	70	444	.1	1	8	6889	3.92	11	5	ND	1	12	.2	2	2	34	.02	.077	19	4	.04	549	.01	3	1.11	.01	.09	1	1
11600N 8950E	1	34	63	536	.6	1	6	4105	3.80	27	5	ND	2	14	.2	3	2	16	.01	.049	15	1	.03	258	.01	3	.97	.01	.10	1	45
11600N 8975E	1	61	173	648	.7	5	8	4643	3.79	43	5	ND	1	20	.5	6	2	25	.02	.047	17	8	.06	275	.01	4	1.26	.02	.09	1	14
11600N 9000E	1	12	48	112	.5	1	1	276	.69	10	5	ND	1	20	.2	3	2	11	.01	.040	13	4	.02	112	.01	3	.76	.01	.08	3	30
STANDARD C/AU-S	18	58	41	130	7.1	73	31	1049	3.97	42	22	7	40	52	19.5	15	19	59	.52	.096	40	59	.90	183	.09	36	1.90	.06	.14	11	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
11600N 9025E	3	138	1269	1338	1.0	6	21	10837	4.80	120	5	ND	1	43	6.5	23	2	28	.07	.094	17	2	.11	1012	.01	6	.75	.02	.11	1	118
11600N 9050E	2	61	389	689	.8	3	7	3530	3.74	36	5	ND	1	20	.2	9	2	22	.01	.059	14	2	.04	319	.01	6	.97	.01	.08	1	23
11600N 9075E	2	46	214	795	1.0	4	13	5352	4.32	156	5	ND	1	27	1.8	13	2	31	.02	.088	15	7	.05	545	.02	8	.87	.01	.11	1	19
11600N 9100E	3	44	259	610	1.0	10	13	6042	4.18	43	5	ND	1	13	2.8	6	2	32	.04	.102	19	9	.11	446	.02	9	1.22	.01	.11	1	13
11600N 9125E	3	49	145	704	.8	9	9	2917	4.72	44	5	ND	1	12	.2	5	2	36	.05	.093	22	11	.15	445	.01	3	1.56	.01	.09	1	16
11600N 9150E	2	43	174	695	1.2	4	10	3743	3.47	58	5	ND	5	18	1.5	5	2	16	.05	.055	18	2	.10	477	.01	8	.54	.02	.11	1	26
11600N 9225E	2	72	309	968	2.2	3	14	3677	3.36	106	5	ND	4	33	3.5	6	3	14	.16	.053	18	1	.09	709	.01	9	.36	.01	.13	1	25
11600N 9250E	2	127	927	1724	4.1	5	17	6004	3.53	141	5	ND	1	25	6.6	10	2	18	.15	.060	17	3	.10	961	.01	10	.37	.01	.11	1	26
11700N 8675E	1	80	104	677	.2	3	10	3908	3.76	22	5	ND	3	27	1.9	3	2	27	.25	.076	15	3	.13	775	.01	8	.28	.01	.09	1	151
11700N 8700E	1	71	119	777	.4	3	9	3804	3.60	24	7	ND	3	24	2.7	4	2	20	.25	.069	15	2	.18	664	.01	10	.25	.01	.09	1	58
11700N 8725E	1	64	125	731	.3	6	9	4140	3.77	23	5	ND	3	29	2.0	3	2	25	.27	.076	16	4	.14	720	.01	5	.32	.01	.09	1	39
11700N 8750E	1	54	177	577	.1	3	9	5024	3.19	24	6	ND	1	23	1.3	2	2	19	.13	.057	18	1	.05	842	.01	4	.26	.01	.08	1	13
11700N 8775E	1	59	485	758	.2	3	13	7084	3.43	43	6	ND	1	30	1.4	4	2	19	.12	.055	19	1	.05	1243	.01	6	.32	.01	.09	1	15
11700N 8800E	1	53	475	724	.3	1	13	6889	3.51	35	5	ND	1	28	1.5	5	2	21	.11	.054	20	1	.06	1181	.01	6	.36	.01	.08	1	20
11700N 8825E	1	46	243	553	.2	3	11	5774	3.30	27	5	ND	1	25	.5	4	2	24	.13	.065	22	4	.06	759	.01	6	.55	.01	.10	1	15
11700N 8850E	1	63	118	531	.1	3	10	4930	3.34	27	5	ND	1	22	1.0	2	2	23	.13	.055	22	1	.05	843	.01	7	.37	.01	.09	1	15
11700N 8875E	1	36	461	771	.6	5	12	6754	3.56	26	5	ND	1	36	1.7	7	2	23	.04	.085	21	2	.05	865	.01	7	.90	.01	.11	1	23
11700N 8900E	1	33	111	486	.1	2	8	3122	3.60	30	5	ND	1	13	.2	5	2	26	.02	.060	13	2	.05	228	.01	4	.63	.01	.08	1	5
11700N 8925E	4	50	160	192	2.0	1	5	2003	2.47	45	11	ND	2	12	.4	10	2	27	.02	.051	15	8	.04	122	.04	5	1.15	.02	.08	2	22
11700N 8950E	3	23	124	156	.3	1	5	1408	3.37	19	5	ND	2	12	.3	3	2	37	.03	.059	13	8	.06	113	.08	2	1.27	.02	.06	1	21
11700N 8975E	3	26	144	298	.4	3	6	2247	3.81	32	5	ND	1	12	.2	2	2	46	.03	.090	14	5	.05	126	.04	5	1.14	.01	.07	1	24
11700N 9000E	2	41	127	507	.5	5	9	3024	3.81	32	5	ND	1	15	.5	5	2	29	.03	.062	15	6	.07	300	.01	3	.95	.01	.08	1	14
11700N 9025E	2	34	111	375	.8	4	7	2714	2.79	22	5	ND	1	13	.9	4	2	20	.05	.075	15	3	.05	312	.01	7	.73	.01	.08	1	16
11700N 9050E	4	51	153	822	1.2	18	11	3012	4.07	58	7	ND	2	29	2.8	4	2	19	.21	.069	11	4	.08	547	.01	7	.34	.01	.10	1	5
11700N 9075E	4	52	164	916	1.7	15	12	3586	4.14	66	10	ND	3	28	3.0	3	2	20	.21	.068	12	4	.08	587	.01	3	.33	.01	.09	1	8
11700N 9100E	5	48	138	857	1.8	23	13	3202	4.19	66	11	ND	3	40	3.3	3	2	21	.32	.074	10	4	.09	559	.01	6	.36	.01	.11	1	5
11700N 9125E	5	50	161	931	2.0	23	14	3646	4.31	73	5	ND	3	46	3.3	3	2	20	.32	.069	10	5	.08	582	.01	6	.35	.01	.10	1	7
11700N 9150E	5	50	190	998	2.2	17	13	4114	3.91	84	8	ND	3	43	3.3	5	2	18	.28	.067	12	4	.06	651	.01	6	.27	.01	.10	1	7
11700N 9175E	2	51	252	1339	2.0	8	16	6371	4.39	92	6	ND	3	40	3.2	6	2	19	.16	.057	16	5	.05	936	.01	5	.24	.01	.09	1	7
11700N 9200E	7	45	139	722	1.5	31	16	3042	4.35	90	5	ND	3	37	3.8	4	2	24	.31	.074	9	7	.17	524	.01	4	.48	.01	.12	1	6
11700N 9225E	7	48	62	616	1.2	39	16	2151	4.60	54	5	ND	3	32	3.4	2	2	28	.41	.079	7	10	.30	394	.01	9	.58	.01	.12	1	4
11700N 9250E	9	43	31	438	1.1	38	15	929	4.34	36	5	ND	3	40	3.5	2	2	30	.69	.086	6	11	.47	277	.01	5	.71	.01	.15	1	2
11700N 9275E	10	43	37	452	1.2	38	14	1075	4.24	38	5	ND	3	37	3.6	4	2	27	.48	.083	6	9	.29	207	.01	7	.62	.01	.14	1	3
11700N 9300E	12	42	18	448	.9	40	12	670	4.17	32	5	ND	4	42	3.9	2	5	29	.64	.079	5	8	.33	174	.01	4	.60	.01	.14	1	3
11800N 8800E	3	53	69	451	.5	14	12	2918	3.89	28	9	ND	3	26	1.4	2	2	28	.38	.079	17	5	.22	651	.01	2	.60	.01	.11	2	10
11800N 8825E	3	56	71	481	.6	16	12	2647	4.00	34	5	ND	3	29	1.8	3	2	29	.43	.081	16	6	.26	591	.01	2	.66	.01	.10	1	7
STANDARD C/AU-S	19	58	40	132	7.0	71	32	1053	3.97	41	20	7	39	53	18.9	15	17	56	.52	.094	38	56	.90	180	.07	34	1.89	.06	.14	11	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
11800N 8850E	4	39	16	206	.2	24	12	796	4.56	21	5	ND	4	50	1.0	2	2	39	1.30	.101	16	8	.42	425	.01	2	.96	.01	.14	1	9
11800N 8875E	4	41	18	196	.1	22	12	787	4.66	21	5	ND	4	32	.8	2	2	39	.83	.116	19	9	.40	495	.01	2	.99	.01	.15	1	2
11800N 8900E	4	49	24	199	.1	24	13	968	4.89	25	5	ND	4	28	1.0	2	2	39	.67	.111	18	8	.39	559	.01	2	1.01	.01	.14	1	5
11800N 8925E	3	45	25	202	.2	24	13	1113	4.83	22	5	ND	4	29	.8	2	2	40	.67	.108	19	9	.41	638	.01	3	1.02	.01	.13	1	7
11800N 8950E	3	50	64	461	.6	20	13	2347	4.60	38	5	ND	3	31	1.6	2	2	34	.55	.089	18	8	.26	735	.01	3	.87	.01	.14	1	17
11800N 8975E	4	57	111	754	.3	29	17	4099	4.63	35	5	ND	3	24	4.2	5	2	28	.33	.083	17	7	.17	723	.01	3	.67	.01	.11	1	19
11800N 9000E	2	41	46	273	.1	15	12	3014	4.37	33	5	ND	5	29	1.0	2	3	30	.51	.106	19	5	.29	685	.01	5	.73	.01	.13	1	7
11800N 9025E	3	44	25	177	.1	19	12	1702	4.55	32	5	ND	4	29	.7	2	2	33	.58	.112	18	7	.32	559	.01	4	.85	.01	.14	1	6
11800N 9050E	3	42	22	194	.1	22	13	1123	4.70	23	5	ND	4	29	.7	2	2	37	.64	.113	18	8	.37	534	.01	4	.97	.01	.14	1	10
11800N 9075E	3	45	17	163	.2	22	13	872	4.75	20	5	ND	5	26	.5	2	2	45	.66	.108	19	8	.48	468	.01	2	1.15	.01	.15	1	4
11800N 9100E	4	45	20	176	.2	24	13	912	4.80	19	5	ND	4	29	.7	2	2	38	.65	.109	19	7	.39	436	.01	3	1.01	.01	.14	1	2
11800N 9125E	5	44	14	215	.3	30	12	674	4.63	26	5	ND	3	49	1.4	2	2	33	1.45	.100	12	9	.33	317	.01	3	.90	.01	.15	1	10
11800N 9150E	4	46	21	190	.3	27	14	1005	4.97	21	5	ND	5	29	.9	2	2	37	.62	.112	19	8	.36	410	.01	3	1.00	.01	.16	1	2
11800N 9175E	6	45	16	228	.3	34	13	937	4.75	32	5	ND	4	36	1.9	2	2	33	.57	.100	12	9	.36	300	.01	4	.85	.01	.14	1	1
11800N 9225E	7	44	15	333	.5	36	12	598	4.35	35	5	ND	3	50	3.0	2	2	34	.98	.093	8	11	.46	186	.01	4	.81	.01	.14	1	4
11800N 9250E	5	56	19	191	.3	35	14	680	4.88	31	5	ND	4	54	.9	2	4	26	.95	.109	12	8	.29	197	.01	4	.84	.01	.18	1	6
11800N 9275E	5	50	18	150	.2	30	16	1055	4.89	28	5	ND	4	43	.5	2	2	22	.84	.110	12	5	.22	333	.01	2	.73	.01	.17	1	4
11800N 9300E	4	34	21	125	.2	14	8	695	3.49	21	5	ND	6	29	.2	2	2	13	.61	.081	25	2	.16	457	.01	2	.75	.01	.18	1	1
11800N 9325E	4	38	22	136	.2	17	11	903	4.01	16	5	ND	5	35	.2	2	2	20	.59	.089	24	3	.26	399	.01	3	.89	.01	.16	1	1
11800N 9350E	5	33	24	122	.1	13	8	622	3.49	19	5	ND	6	30	.2	2	2	12	.64	.078	24	2	.15	507	.01	4	.73	.01	.17	1	1
11800N 9375E	5	39	23	142	.1	20	12	935	4.21	17	5	ND	5	30	.2	2	2	21	.60	.099	24	4	.24	473	.01	3	.88	.01	.15	1	1
11800N 9400E	4	33	24	124	.1	14	9	794	3.85	20	5	ND	6	28	.2	2	2	17	.54	.092	27	3	.23	438	.01	3	.90	.01	.17	1	2
11900N 8975E	3	24	84	339	.1	5	9	4334	3.41	32	5	ND	1	12	.2	3	2	29	.22	.174	11	3	.05	202	.01	3	.72	.01	.11	1	3
11900N 9000E	4	25	61	305	.5	8	6	1262	3.99	35	5	ND	1	10	.3	4	2	55	.05	.096	11	7	.06	155	.02	2	1.27	.01	.10	1	7
11900N 9025E	4	19	29	219	.3	7	4	568	2.67	33	5	ND	1	10	.3	3	2	42	.09	.133	12	6	.05	174	.01	3	.96	.01	.09	1	5
11900N 9050E	5	23	50	307	.4	7	6	1179	3.89	41	5	ND	1	12	.3	2	2	67	.12	.093	11	9	.07	246	.07	2	.87	.01	.09	1	4
11900N 9075E	4	25	39	393	.5	11	8	1554	4.19	46	5	ND	2	7	.3	2	2	36	.03	.122	10	10	.14	127	.01	3	1.61	.01	.10	1	5
11900N 9100E	6	30	26	393	.7	16	6	636	4.34	53	5	ND	1	8	.6	3	2	38	.07	.100	10	9	.10	215	.01	3	1.38	.01	.09	1	5
11900N 9125E	6	28	24	306	.1	17	7	666	4.85	36	5	ND	1	8	.5	2	2	32	.11	.117	14	9	.14	196	.01	2	1.83	.01	.08	1	2
11900N 9150E	5	23	27	202	.2	15	7	914	4.62	21	5	ND	1	11	1.2	2	2	52	.15	.127	11	10	.09	251	.02	2	1.52	.01	.07	1	1
11900N 9175E	6	38	13	226	.1	23	10	654	4.29	19	5	ND	1	22	1.0	2	2	35	.43	.096	15	9	.19	364	.01	2	1.51	.01	.12	1	1
STANDARD C/AU-S	19	62	40	131	7.0	73	31	1048	3.97	41	19	7	40	52	19.5	15	21	58	.52	.094	39	60	.90	183	.09	35	1.90	.06	.13	11	55

ACME ANA ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V COUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

RDN (MS) 296 Results

Noranda Exploration Co. Ltd. PROJECT 9008-090 296 File # 90-3777 Page 1

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

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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
L12200N 9000E	7	57	24	203	.2	39	17	1575	4.49	13	5	ND	1	21	1.5	2	2	39	.76	.129	25	17	.53	220	.01	2	2.23	.01	.25	1	9
L12200N 9025E	4	56	22	230	.3	46	21	1159	5.21	10	5	ND	1	20	2.8	3	2	87	.69	.103	13	52	1.09	246	.16	7	2.76	.02	.14	1	2
L12200N 9050E	5	46	14	196	.4	37	12	606	3.62	6	5	ND	1	30	2.4	2	2	61	1.45	.116	9	36	.75	245	.03	5	1.89	.01	.11	1	1
L12200N 9075E	10	40	15	341	.8	40	11	742	3.45	15	5	ND	2	26	5.0	4	2	40	.52	.084	13	15	.45	392	.01	6	1.69	.01	.19	2	2
L12200N 9100E	7	39	27	258	.1	32	13	1187	5.35	18	5	ND	1	42	1.5	2	9	86	.31	.142	12	32	.71	161	.03	3	2.18	.02	.11	1	3
L12200N 9150E	7	51	21	203	.1	33	12	922	3.76	9	5	ND	1	23	1.0	2	3	81	.14	.130	10	33	.70	187	.01	5	2.41	.03	.11	1	1
L12200N 9175E	5	41	14	219	.1	30	14	1459	5.09	15	5	ND	1	40	2.1	4	2	81	.37	.142	10	25	.59	220	.03	4	2.52	.01	.12	1	2
L12200N 9225E	26	59	23	565	.5	63	12	832	4.06	27	5	ND	1	35	5.3	2	3	46	.27	.095	11	10	.21	327	.01	2	1.29	.01	.12	1	3
L12100N 9025E	9	33	8	283	1.0	28	11	913	3.64	18	5	ND	1	24	8.8	2	3	43	.23	.161	9	14	.25	303	.01	4	1.64	.01	.11	1	5
L12100N 9050E	8	30	15	229	.7	18	8	784	4.15	13	5	ND	1	64	2.7	2	4	63	.57	.221	8	19	.31	264	.01	2	2.31	.01	.09	2	1
L12100N 9075E	7	60	15	233	.2	42	15	1122	4.12	13	5	ND	1	57	3.1	2	2	70	.60	.151	11	51	.82	258	.01	4	2.03	.02	.13	1	1
L12100N 9100E	10	38	18	296	.2	28	6	446	3.34	13	5	ND	1	60	1.9	4	4	46	.76	.117	8	18	.34	288	.01	2	1.79	.01	.10	1	3
L12100N 9125E	12	43	21	321	.2	40	9	683	3.79	16	5	ND	1	36	3.0	3	3	59	.37	.117	10	29	.48	305	.01	5	2.01	.01	.12	1	4
L12100N 9150E	19	46	24	415	.4	39	11	851	3.78	20	5	ND	1	29	3.6	2	5	53	.24	.110	9	11	.25	328	.01	3	1.70	.01	.13	1	1
L12100N 9175E	21	48	21	458	.8	45	9	726	3.99	22	5	ND	1	32	3.4	4	2	56	.27	.114	9	12	.23	340	.01	4	1.77	.01	.11	1	1
L12100N 9200E	5	22	12	203	.6	16	3	127	1.93	9	5	ND	1	12	2.6	2	3	48	.11	.115	10	12	.12	242	.02	3	2.64	.01	.06	1	2
L12100N 9225E	12	42	19	370	.8	34	9	480	3.98	26	5	ND	2	39	2.6	2	6	29	.25	.093	6	5	.11	411	.01	3	.84	.01	.12	2	6
L12100N 9250E	13	57	9	454	.5	47	13	757	4.17	23	5	ND	3	25	4.9	3	2	22	.17	.079	6	1	.05	273	.01	4	.53	.01	.10	1	3
L12100N 9275E	5	30	5	167	.8	21	7	304	3.25	13	5	ND	1	8	1.3	2	4	51	.06	.146	10	16	.23	106	.01	2	2.91	.02	.06	1	3
L12100N 9300E	3	43	24	141	.2	36	17	833	5.36	19	5	ND	3	24	.9	3	2	60	.47	.107	22	31	.94	287	.04	5	2.40	.04	.11	1	1
L12000N 8725E	2	95	214	753	.7	14	12	3479	4.44	48	5	ND	2	23	3.9	3	2	29	.26	.104	19	7	.22	642	.01	5	.62	.01	.10	1	153
L12000N 8750E	3	91	167	679	.7	14	13	3771	4.56	43	5	ND	3	28	2.9	4	4	31	.28	.111	19	4	.23	728	.01	3	.65	.01	.11	1	1350
L12000N 8775E	2	68	153	542	.3	10	10	3326	3.76	36	5	ND	1	24	1.8	4	4	28	.31	.094	20	4	.20	634	.01	5	.60	.01	.10	1	138
L12000N 8800E	5	118	844	734	2.3	5	10	3710	3.73	106	5	ND	1	15	2.8	6	6	20	.11	.134	18	2	.05	381	.01	3	.60	.01	.12	1	800
L12000N 8825E	8	280	2295	2238	8.5	6	23	6178	6.24	196	5	2	1	31	15.4	13	5	14	.06	.107	27	1	.06	648	.01	3	.46	.01	.14	1	1340
L12000N 8850E	7	276	2141	1561	5.4	6	16	5977	4.72	175	5	ND	1	24	10.8	11	4	15	.10	.092	28	1	.06	926	.01	4	.53	.01	.14	1	1090
L12000N 8875E	6	723	3881	1475	11.9	3	20	4613	4.30	369	5	3	3	30	7.1	51	8	10	.07	.076	24	1	.05	466	.01	2	.42	.01	.16	1	4900
L12000N 8900E	2	72	115	251	.8	5	13	2655	2.83	45	5	ND	6	41	.8	3	2	12	.37	.090	23	2	.11	558	.01	5	.53	.01	.17	3	340
L12000N 8925E	2	37	272	683	1.0	7	11	2835	3.38	48	5	ND	2	62	3.0	6	2	17	.29	.083	18	2	.09	1078	.01	7	.61	.01	.13	1	330
L12000N 8950E	5	32	40	434	.2	24	15	3655	4.70	46	5	ND	1	27	1.7	2	2	36	.12	.091	9	10	.19	884	.01	2	1.28	.01	.10	2	19
L12000N 8975E	6	33	10	194	.2	25	9	500	4.07	20	5	ND	1	11	.8	2	2	37	.09	.136	7	11	.20	148	.01	2	1.54	.03	.10	1	10
L12000N 9000E	12	48	21	312	.7	40	13	1001	4.76	40	5	ND	1	14	2.6	2	2	33	.13	.111	6	6	.10	221	.01	2	1.19	.01	.09	1	2
L12000N 9025E	10	58	33	354	.6	44	16	1241	5.18	52	5	ND	2	27	2.6	2	2	29	.36	.098	9	7	.13	306	.01	3	.94	.01	.11	1	9
L12000N 9050E	7	54	13	231	.3	46	20	1000	5.13	17	5	ND	2	33	2.5	2	2	33	.52	.095	7	13	.17	254	.01	2	.84	.01	.13	1	4
L12000N 9075E	7	51	12	242	.4	36	17	945	4.65	21	5	ND	2	32	3.5	2	4	29	.43	.104	8	4	.14	342	.01	4	.91	.01	.14	1	3
L12000N 9100E	6	48	15	220	.7	40	26	1191	4.28	19	5	ND	2	57	2.3	2	2	25	.59	.105	6	2	.09	370	.01	2	.78	.01	.15	1	2
STANDARD C/AU-S	19	61	41	132	7.2	73	31	1054	3.97	42	17	7	37	53	18.3	15	20	56	.52	.094	37	60	.89	179	.07	34	1.92	.06	.14	11	55

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P10 SOIL P11-P12 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 22 1990 DATE REPORT MAILED: Aug 30/90 SIGNED BY .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

RECEIVED SEP - 6 1990

Noranda Exploration Co. Ltd. PROJECT 9008-090 296 FILE # 90-3777

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
L12000N 9125E	6	52	16	246	.2	30	13	898	4.61	23	5	ND	1	20	.2	2	2	42	.18	.135	10	9	.24	250	.01	3	1.84	.01	.11	2	2
L12000N 9150E	8	43	23	277	.1	33	17	1251	4.83	21	5	ND	1	22	.2	2	2	40	.19	.122	10	14	.34	245	.01	3	1.77	.01	.14	1	3
L12000N 9175E	8	34	17	272	.2	29	15	1203	4.77	19	5	ND	1	15	.2	2	2	48	.12	.155	7	19	.36	229	.01	3	2.04	.01	.13	1	2
L12000N 9200E	9	38	8	321	.2	30	7	353	4.20	34	5	ND	1	23	.2	2	2	32	.34	.168	4	6	.11	242	.01	3	1.17	.01	.11	1	3
L12000N 9225E	10	40	6	293	.3	30	6	247	3.89	29	9	ND	1	13	.2	2	2	39	.06	.202	7	7	.07	165	.01	2	1.54	.01	.07	1	2
L12000N 9250E	6	43	11	246	.5	39	11	697	4.17	25	5	ND	1	37	.2	2	2	33	.73	.189	13	10	.16	357	.01	2	1.25	.02	.11	1	1
L12000N 9275E	7	51	7	307	.3	45	16	663	4.93	38	5	ND	1	37	.2	2	2	34	.43	.162	13	11	.17	256	.01	3	1.21	.01	.13	1	1
L12000N 9300E	4	37	4	167	.1	35	14	538	3.90	17	5	ND	1	29	.2	2	2	34	.35	.174	13	11	.17	273	.01	5	1.45	.03	.07	2	3
L12000N 9375E	1	56	11	126	.1	51	36	2439	6.48	8	5	ND	1	36	.2	10	2	111	.66	.139	27	61	1.58	146	.18	2	3.67	.04	.11	1	2
L12000N 9400E	1	36	18	119	.1	31	24	2298	4.18	10	5	ND	1	36	.2	4	2	71	.88	.173	30	35	.75	193	.09	4	2.75	.04	.07	1	2
L11900N 8800E	1	28	84	620	.1	8	11	5942	3.51	33	5	ND	1	21	.2	4	2	25	.11	.128	16	4	.07	563	.01	2	.65	.02	.10	1	27
L11900N 8825E	1	27	85	662	.1	8	7	3415	3.42	34	5	ND	1	25	.2	2	2	25	.06	.095	16	3	.06	460	.01	3	.74	.01	.10	1	25
L11900N 8850E	1	40	101	814	.1	8	12	6200	4.06	41	5	ND	1	46	.2	4	2	25	.04	.104	21	2	.06	825	.01	4	.68	.01	.11	1	21
L11900N 8875E	2	20	29	467	.2	7	6	3265	2.84	23	5	ND	1	16	.2	2	3	26	.01	.100	15	1	.05	468	.01	4	1.14	.01	.10	3	65
L11900N 8900E	3	34	35	527	.1	6	5	1335	4.10	38	5	ND	1	16	.2	4	2	48	.05	.104	13	1	.04	108	.01	4	.85	.01	.08	1	14
L11900N 8925E	3	26	97	341	.8	9	8	2834	4.05	33	5	ND	1	13	.2	2	2	52	.03	.110	11	3	.06	193	.05	4	.96	.01	.09	1	118
L11900N 8950E	2	20	76	289	.3	7	7	1242	3.16	30	5	ND	1	48	.2	4	2	38	.66	.105	10	5	.10	551	.03	5	.83	.01	.13	2	15
L11900N 8975E	2	21	61	315	.1	8	7	3916	2.70	27	5	ND	1	24	.2	2	2	26	.35	.144	13	4	.06	417	.01	2	.75	.02	.10	2	11
L11900N 9200E	4	39	16	174	.1	20	10	727	4.10	22	5	ND	2	30	.2	2	2	33	.46	.105	19	9	.29	430	.01	2	1.20	.01	.13	2	5
L11900N 9225E	6	44	24	227	.1	26	14	1002	4.49	26	5	ND	1	22	.2	2	2	35	.30	.112	13	8	.20	311	.01	2	1.25	.01	.13	1	12
L11900N 9250E	8	39	25	272	.1	26	13	957	4.36	23	5	ND	1	16	.2	2	2	37	.21	.114	12	10	.25	288	.01	4	2.02	.01	.13	1	3
L11900N 9275E	8	47	8	335	.2	41	13	668	4.71	32	5	ND	1	27	.2	3	2	44	.40	.115	15	12	.21	219	.01	2	1.56	.01	.10	1	2
L11900N 9300E	8	44	5	300	.1	36	18	1053	4.97	36	5	ND	1	13	.2	2	2	52	.15	.184	11	15	.20	152	.01	3	1.71	.01	.10	1	1
L11900N 9325E	10	47	12	370	.2	41	19	1167	5.34	43	5	ND	1	16	.2	2	2	49	.17	.222	9	14	.14	155	.01	3	1.61	.01	.10	1	3
L11900N 9350E	3	44	17	166	.1	35	20	1380	5.49	10	5	ND	1	18	.2	5	2	63	.25	.243	25	26	.66	230	.01	2	2.91	.02	.12	1	3
L11900N 9375E	2	52	15	158	.1	36	25	1681	5.73	17	5	ND	1	23	.2	5	2	59	.28	.170	26	27	.62	324	.01	3	2.40	.02	.12	1	1
L11900N 9400E	1	48	21	110	.1	49	29	1668	5.88	11	5	ND	1	41	.2	12	2	78	.48	.171	30	46	1.34	463	.01	2	3.77	.02	.16	1	1
L9800N 9800E	2	55	169	283	.3	12	12	3347	2.97	59	5	ND	6	48	.2	17	2	19	.17	.063	25	4	.08	779	.01	4	.41	.01	.12	1	3
L9800N 9825E	3	58	214	339	.4	12	11	4228	3.11	61	5	ND	6	62	.2	15	2	20	.18	.064	26	5	.07	892	.01	4	.38	.01	.12	1	4
L9800N 9850E	2	44	96	236	.1	7	12	3006	3.48	39	5	ND	3	56	.2	6	2	22	.23	.071	19	1	.08	878	.01	7	.40	.01	.12	1	6
L9800N 9875E	3	40	73	204	.1	4	11	2918	2.98	44	5	ND	3	68	.2	8	4	16	.23	.066	19	1	.07	878	.01	7	.37	.01	.12	1	7
L9800N 9900E	2	41	91	228	.2	5	12	3007	3.18	44	5	ND	3	57	.2	9	2	18	.21	.063	19	2	.07	850	.01	7	.41	.01	.11	1	14
L9800N 9925E	2	28	83	240	.1	5	6	2092	2.92	46	5	ND	1	23	.2	4	2	32	.02	.091	17	2	.07	190	.01	4	1.10	.01	.09	1	5
L9800N 9950E	3	36	95	224	.2	5	9	1936	2.81	35	5	ND	1	35	.2	7	2	25	.08	.062	18	3	.10	389	.01	5	.71	.01	.10	1	8
L9800N 9975E	2	36	83	244	.1	6	12	2745	3.06	40	5	ND	1	44	.2	6	2	21	.15	.069	18	3	.08	575	.01	6	.46	.01	.10	1	13
L9700N 9375E	1	27	28	131	.1	10	8	702	3.44	14	5	ND	2	43	.2	2	3	45	.33	.129	27	7	.20	344	.04	3	1.11	.01	.12	1	3
STANDARD C/AU-S	19	61	40	132	7.1	73	31	1052	3.97	40	18	7	36	52	18.0	15	22	57	.51	.095	38	60	.87	180	.07	35	1.88	.06	.14	13	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
L9700N 9400E	1	35	28	154	.5	10	11	1604	4.11	14	9	ND	5	52	.5	3	4	49	.41	.125	30	8	.26	645	.06	4	.92	.03	.16	1	8
L9700N 9425E	1	39	70	193	.7	8	11	1665	3.93	15	7	ND	4	57	.3	3	2	48	.36	.133	26	7	.24	707	.05	8	.75	.02	.13	1	6
L9700N 9450E	1	35	51	228	.6	8	9	1338	3.86	15	5	ND	3	42	.4	2	2	47	.30	.116	25	5	.26	469	.04	4	.88	.02	.14	1	5
L9700N 9475E	1	35	44	200	.5	7	9	913	3.96	15	5	ND	1	34	.2	2	2	49	.24	.108	24	6	.22	357	.03	2	1.21	.02	.12	1	4
L9700N 9500E	1	34	68	321	.7	8	10	1765	4.23	21	5	ND	1	29	.4	2	2	53	.12	.095	22	7	.20	358	.03	3	1.32	.02	.13	1	4
L9700N 9525E	1	37	65	344	.7	8	11	2312	4.05	23	5	ND	1	27	.3	3	2	46	.03	.077	22	5	.13	274	.02	2	1.06	.01	.13	1	5
L9700N 9550E	2	47	97	312	1.0	4	29	7056	4.93	63	5	ND	4	175	1.2	15	2	32	.19	.061	22	7	.12	1739	.02	10	.75	.01	.19	1	36
L9700N 9575E	2	30	100	156	.8	3	14	3154	2.38	37	5	ND	7	98	.9	10	3	17	.17	.034	23	3	.08	777	.01	11	.49	.01	.14	1	10
L9700N 9600E	1	32	63	249	.9	2	15	3881	3.35	40	5	ND	5	94	1.1	11	2	24	.15	.031	17	5	.09	1086	.01	17	.69	.01	.21	1	10
L9700N 9625E	5	32	90	107	.7	2	11	1853	1.36	45	5	ND	6	75	1.0	9	2	7	.21	.032	17	2	.06	448	.01	4	.30	.01	.13	1	7
L9700N 9650E	4	40	69	181	.5	3	12	2516	2.98	45	5	ND	5	51	1.1	8	2	16	.17	.050	17	3	.07	931	.01	6	.43	.01	.14	1	8
L9700N 9675E	3	41	68	182	.3	4	12	2318	2.97	39	5	ND	4	41	1.2	8	2	18	.17	.050	17	2	.11	762	.01	5	.40	.01	.11	1	9
L9700N 9700E	2	29	67	125	.3	2	9	1840	1.72	28	5	ND	7	65	.9	6	2	10	.11	.027	17	3	.06	610	.01	3	.33	.01	.12	1	4
L9700N 9725E	3	35	69	157	.3	3	10	2055	2.38	32	5	ND	4	38	1.3	8	2	15	.11	.038	17	2	.06	617	.01	3	.34	.01	.11	1	9
L9700N 9750E	2	30	39	222	.3	6	12	3737	3.65	23	5	ND	5	76	2.0	7	2	33	.22	.060	18	6	.09	904	.01	11	.53	.01	.18	1	7
L9700N 9775E	2	27	40	199	.2	6	11	3124	3.21	25	5	ND	5	59	1.5	7	2	26	.19	.053	17	5	.08	823	.01	8	.41	.01	.15	1	3
L9700N 9800E	1	26	63	307	.3	16	14	4988	3.50	24	5	ND	6	94	2.2	7	2	35	.33	.082	19	10	.14	1031	.01	12	.48	.01	.16	1	3
L9700N 9825E	2	43	151	447	.8	4	13	5602	3.59	36	5	ND	4	76	4.8	9	2	33	.31	.074	17	5	.11	983	.01	9	.54	.01	.20	1	4
L9700N 9850E	5	32	39	108	.2	2	5	1235	2.77	40	5	ND	3	23	.6	4	2	18	.08	.070	10	2	.05	302	.01	2	.41	.01	.14	1	12
L9700N 9875E	3	15	29	47	.3	1	2	206	2.11	24	5	ND	2	13	.2	3	3	15	.01	.036	6	1	.01	222	.01	2	.40	.01	.13	2	6
L9700N 9900E	4	22	58	80	.2	3	2	278	3.14	30	5	ND	3	14	.2	5	2	21	.01	.050	6	3	.03	148	.01	2	.46	.01	.12	1	3
L9700N 9925E	4	13	33	39	.2	2	2	245	2.35	26	5	ND	2	13	.2	4	3	15	.01	.032	4	1	.01	372	.01	2	.35	.01	.13	2	8
L9700N 9950E	5	20	35	49	.2	2	2	197	2.94	27	5	ND	3	16	.2	4	2	22	.02	.052	5	3	.08	161	.01	2	.53	.01	.13	2	4
L9700N 9975E	13	44	46	76	.1	5	4	161	10.22	80	5	ND	6	28	.5	9	9	51	.02	.058	4	5	.01	77	.04	5	.57	.01	.07	1	18
L9700N 10000E	6	47	40	104	.1	5	3	199	10.81	60	5	ND	4	21	.3	8	5	61	.01	.053	5	7	.01	52	.03	3	.55	.01	.06	1	8
L9600N 9275E	2	81	13	135	.3	9	21	3140	6.96	16	5	ND	2	35	.5	2	2	83	.60	.170	55	5	.26	437	.02	4	1.29	.02	.15	1	4
L9600N 9300E	4	45	10	121	.2	11	13	1429	4.83	11	5	ND	1	16	.2	3	2	67	.19	.126	19	7	.37	300	.05	2	1.73	.03	.09	1	2
L9600N 9325E	2	43	11	115	.2	12	12	1401	5.88	10	5	ND	1	16	.3	3	2	81	.15	.121	23	10	.33	211	.05	3	2.37	.02	.07	1	3
L9600N 9350E	1	41	7	77	.3	5	15	2686	4.55	14	5	ND	1	38	.2	2	2	43	.10	.067	23	3	.07	1249	.01	3	.88	.01	.11	1	4
L9600N 9375E	1	63	6	85	.2	5	12	823	4.51	22	5	ND	2	97	.2	3	2	46	.48	.139	20	3	.15	408	.02	4	.62	.01	.15	1	3
L9600N 9450E	1	39	15	63	.1	5	10	1048	3.66	13	5	ND	1	39	.2	2	2	49	.24	.101	26	5	.13	261	.02	2	1.02	.01	.13	1	4
L9600N 9475E	1	35	12	112	.1	4	7	968	3.43	13	5	ND	1	20	.2	2	2	47	.09	.120	14	3	.09	194	.01	2	.94	.01	.11	1	1
L9600N 9500E	1	21	56	148	.5	3	7	1272	3.45	5	5	ND	1	26	.2	3	2	49	.33	.120	25	1	.03	491	.01	2	.73	.01	.11	1	3
L9600N 9525E	1	61	66	410	.8	4	15	2339	4.86	25	5	ND	5	97	1.2	3	2	50	.56	.187	28	3	.11	661	.02	5	.59	.01	.17	1	1
L9600N 9550E	1	40	59	888	.6	9	16	4953	5.50	285	5	ND	3	91	1.1	10	2	56	.28	.077	13	5	.07	787	.01	7	.51	.01	.16	1	8
L9600N 9575E	3	35	53	358	.5	8	9	2166	3.45	44	5	ND	1	29	.4	6	2	37	.21	.141	7	6	.05	416	.01	2	.56	.01	.12	1	1
STANDARD C/AU-S	18	61	38	132	7.0	72	31	1043	3.95	37	19	7	39	52	18.6	15	20	61	.51	.094	38	57	.92	182	.09	33	1.89	.06	.14	11	45

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
L9600N 9600E	3	37	156	285	.4	2	15	4005	3.56	55	5	ND	1	70	5.8	11	2	18	.30	.065	15	1	.07	905	.01	8	.46	.01	.12	2	5
L9600N 9625E	2	43	70	199	.2	4	13	2811	3.63	51	5	ND	2	59	1.5	7	2	21	.37	.102	20	1	.06	884	.01	4	.42	.01	.12	1	6
L9600N 9650E	4	22	24	148	.2	1	4	544	2.27	26	5	ND	1	24	.8	3	2	27	.19	.131	11	1	.04	467	.01	2	.65	.01	.10	3	2
L9600N 9675E	4	23	26	180	.4	4	4	932	2.93	29	5	ND	1	19	.6	3	2	36	.03	.076	10	4	.04	191	.01	2	.76	.01	.08	1	6
L9600N 9700E	3	21	43	194	.3	3	6	2715	2.50	23	5	ND	1	23	1.1	3	3	32	.13	.079	11	4	.06	336	.01	2	.58	.01	.11	1	1
L9600N 9725E	1	58	262	689	.4	6	12	2445	3.36	44	5	ND	1	44	6.2	4	2	29	.09	.072	29	3	.09	439	.01	2	.51	.01	.10	1	4
L9600N 9750E	3	43	95	369	.7	7	11	3081	4.35	47	5	ND	1	24	.9	4	2	31	.04	.093	20	5	.07	347	.01	3	1.29	.01	.09	1	3
L9600N 9775E	6	4	28	26	.1	1	1	80	2.74	32	6	ND	1	21	.4	2	6	7	.01	.012	2	1	.01	149	.01	6	.25	.01	.39	1	3
L9600N 9800E	7	19	71	99	.2	2	8	1886	3.10	24	5	ND	1	15	.2	3	2	26	.01	.036	7	3	.06	132	.02	2	.88	.01	.11	1	2
L9600N 9825E	9	15	54	91	.6	1	3	574	2.87	31	5	ND	1	13	.2	3	5	29	.03	.072	5	1	.02	232	.01	2	.65	.01	.10	1	2
L9600N 9850E	11	18	27	90	.1	1	2	139	4.51	58	5	ND	1	21	.7	3	13	45	.01	.088	3	1	.01	63	.01	2	.62	.01	.05	1	5
L9600N 9875E	8	42	22	105	.2	1	3	200	11.27	48	7	ND	2	10	.8	6	13	34	.01	.053	2	3	.01	62	.02	2	.29	.01	.05	1	12
L9600N 9900E	15	31	22	59	.1	2	2	114	7.95	48	7	ND	1	13	.3	3	14	24	.01	.036	2	3	.01	309	.02	2	.22	.01	.04	1	31
L9600N 9925E	14	27	16	73	.1	1	2	155	7.79	91	8	ND	1	10	.7	3	23	38	.01	.033	2	1	.01	341	.02	2	.26	.01	.04	1	15
L9600N 9950E	8	23	7	60	.1	1	2	112	6.16	62	6	ND	1	8	.3	5	34	34	.01	.026	2	1	.01	158	.02	2	.30	.01	.04	1	8
L9600N 9975E	11	21	9	47	.1	1	1	87	5.72	71	5	ND	1	9	1.2	2	34	33	.01	.025	2	1	.01	183	.01	2	.29	.01	.05	1	5
L9500N 9025E	4	144	24	157	.1	42	39	1718	8.10	49	5	ND	1	52	1.1	7	2	88	.33	.113	36	50	1.06	323	.01	3	1.87	.01	.08	1	6
L9500N 9050E	1	104	2	107	.1	53	33	1146	7.54	12	5	ND	1	27	1.3	4	2	79	.70	.109	3	75	1.79	210	.01	3	2.88	.01	.09	1	2
L9500N 9075E	2	87	13	116	.1	47	22	1011	5.85	16	5	ND	1	21	.7	3	2	73	.24	.094	11	53	1.31	211	.02	2	2.06	.01	.05	1	6
L9500N 9100E	3	53	6	120	.1	30	13	588	4.61	16	5	ND	1	12	.6	2	2	60	.14	.091	12	31	.80	195	.09	2	2.10	.02	.04	1	4
L9500N 9125E	9	69	14	256	.2	52	19	1270	5.74	32	5	ND	1	57	1.9	2	2	52	.40	.113	13	22	.50	624	.02	2	1.18	.01	.08	1	7
L9500N 9150E	10	100	21	252	.2	27	19	1942	7.04	28	5	ND	1	33	1.6	3	2	109	.43	.167	50	18	.75	678	.02	2	1.83	.02	.09	1	3
L9500N 9175E	8	44	7	154	.1	10	8	864	4.22	15	5	ND	1	20	.9	2	2	59	.18	.189	20	8	.26	511	.01	2	1.70	.01	.09	1	3
L9500N 9200E	8	49	15	157	.2	10	8	999	4.39	18	5	ND	1	13	1.2	2	2	58	.06	.200	16	4	.21	267	.01	2	1.80	.02	.09	1	2
L9500N 9225E	4	97	19	156	.1	15	18	1967	6.77	20	5	ND	1	29	1.6	2	2	114	.43	.180	40	12	.62	445	.04	2	2.03	.01	.12	1	3
L9500N 9250E	6	145	20	168	.1	17	22	2559	8.51	28	5	ND	1	39	1.6	2	2	160	.74	.178	46	16	.84	408	.05	2	2.48	.01	.10	1	8
L9500N 9275E	4	105	12	141	.1	13	21	2364	7.60	23	5	ND	1	30	.9	2	7	144	.37	.175	33	15	.55	369	.05	2	2.29	.01	.11	1	3
L9500N 9300E	1	50	19	77	.2	7	16	1726	3.36	35	5	ND	3	215	.4	2	2	29	.69	.184	22	1	.08	547	.01	5	.63	.01	.19	1	4
L9500N 9325E	1	69	4	74	.3	3	17	1723	3.61	34	5	ND	4	186	.7	2	2	34	.96	.223	27	3	.14	524	.01	6	.55	.01	.20	2	3
L9500N 9350E	1	52	3	62	.3	4	15	1538	3.15	26	5	ND	4	159	.3	2	2	28	.75	.181	25	4	.15	414	.01	5	.53	.01	.17	1	3
L9500N 9375E	2	67	10	102	.1	5	16	1661	4.77	13	5	ND	3	85	1.0	2	2	52	.59	.171	28	4	.15	326	.01	4	.60	.01	.18	1	3
L9500N 9400E	1	52	3	62	.1	1	12	1344	3.23	6	5	ND	4	117	.6	2	2	39	1.19	.183	27	4	.30	331	.01	7	.58	.01	.21	2	1
L9500N 9425E	1	30	2	48	.2	1	10	1238	2.74	3	5	ND	3	251	.9	2	2	44	2.63	.136	25	3	.26	326	.01	8	.64	.01	.24	2	2
L9500N 9450E	1	20	4	41	.1	1	6	655	2.99	2	5	ND	4	122	.3	2	2	54	.70	.155	17	2	.16	512	.02	7	.57	.01	.22	1	5
L9500N 9475E	1	21	2	43	.1	1	6	839	2.31	2	5	ND	3	652	.9	2	3	36	.98	.131	8	5	.22	479	.01	6	.74	.01	.26	2	5
L9500N 9500E	1	20	14	79	.3	1	8	1358	2.28	5	5	ND	3	111	.8	2	2	25	3.19	.164	23	5	.31	389	.01	8	.52	.01	.22	1	1
STANDARD C/AU-S	19	61	41	133	7.5	73	32	1054	3.97	40	17	7	37	53	18.6	15	21	57	.51	.095	39	60	.90	180	.07	37	1.89	.06	.14	13	47

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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
L9500N 9525E	1	79	434	1971	5.2	8	14	5773	3.69	76	5	ND	1	92	7.7	17	2	28	.33	.111	15	1	.08	1122	.01	4	.40	.01	.10	2	4
L9500N 9550E	1	74	223	1133	2.5	9	17	5660	3.68	79	5	ND	1	40	5.2	9	2	31	.10	.095	12	3	.06	1033	.01	3	.64	.01	.10	1	1
L9500N 9575E	2	64	213	823	.9	11	12	3719	4.08	95	5	ND	1	35	4.2	11	2	25	.22	.094	17	4	.06	848	.01	3	.63	.01	.11	1	4
L9500N 9600E	2	43	186	640	.4	10	9	2762	3.24	75	5	ND	1	39	4.2	11	2	24	.24	.112	13	3	.05	882	.01	6	.59	.01	.11	1	4
L9500N 9625E	3	23	37	252	.2	4	11	3066	2.95	65	5	ND	1	30	1.7	6	2	19	.14	.055	19	1	.05	669	.01	5	.41	.01	.09	2	5
L9500N 9650E	3	28	42	246	.2	6	13	4033	3.40	81	5	ND	1	36	2.1	6	2	20	.35	.093	20	1	.07	823	.01	6	.41	.01	.11	1	11
L9500N 9675E	3	26	33	202	.1	5	11	3173	3.39	51	5	ND	1	22	1.8	4	2	21	.13	.084	23	1	.06	594	.01	4	.64	.01	.10	1	3
L9500N 9700E	3	36	50	204	.5	8	12	3173	3.55	50	5	ND	1	39	1.7	8	2	20	.23	.084	23	2	.07	1199	.01	9	.69	.01	.09	1	12
L9500N 9725E	1	22	78	269	.1	7	13	5168	3.31	35	5	ND	3	67	2.6	5	5	21	.28	.095	22	1	.07	1070	.01	5	.44	.01	.11	1	10
L9500N 9750E	5	105	502	1117	2.7	5	18	4715	4.30	114	5	ND	3	87	10.5	10	2	17	.44	.107	14	1	.05	524	.01	10	.36	.01	.13	1	4
L9500N 9775E	9	72	312	615	1.2	5	14	2641	4.65	188	5	ND	1	46	5.7	13	3	15	.29	.053	8	1	.11	444	.01	10	.39	.01	.10	1	6
L9500N 9800E	20	42	57	176	.1	3	3	307	5.69	101	15	ND	1	18	1.2	7	6	24	.02	.082	5	1	.03	487	.01	3	.53	.01	.08	1	3
L9500N 9825E	17	43	59	161	.1	3	4	320	8.76	83	14	ND	1	16	.6	6	2	29	.01	.103	4	2	.03	283	.01	6	.48	.01	.08	1	1
L9500N 9850E	9	48	141	330	.1	2	10	2493	4.58	79	5	ND	1	21	.8	4	4	26	.01	.063	9	1	.03	280	.01	4	.58	.01	.08	1	8
L9500N 9875E	9	47	161	439	.4	6	9	3418	4.44	80	5	ND	1	24	2.3	8	2	29	.02	.105	12	1	.05	541	.01	4	.73	.01	.09	1	3
L9500N 9900E	14	21	49	221	.1	7	4	1013	2.46	38	8	ND	1	14	1.0	2	2	26	.08	.071	10	5	.12	240	.01	3	.81	.01	.08	1	1
L9500N 9925E	7	47	154	418	.4	5	10	4219	4.36	73	5	ND	1	29	3.2	8	4	23	.04	.094	14	1	.04	933	.01	3	.58	.01	.10	1	3
L9500N 9950E	15	22	100	128	.1	4	6	1857	4.80	50	5	ND	1	16	1.5	2	4	36	.01	.094	10	3	.05	118	.03	3	1.14	.01	.06	1	5
L9500N 9975E	17	27	88	183	.1	2	8	3006	5.50	56	5	ND	1	17	.9	3	2	31	.01	.103	9	3	.04	245	.02	5	1.01	.01	.06	1	5
L9500N 10000E	5	24	71	385	.3	4	7	4264	4.33	64	5	ND	1	19	1.0	4	2	34	.01	.085	13	1	.04	169	.01	6	1.20	.01	.07	1	4
L9400N 9775E	2	30	80	379	.5	3	6	1694	3.22	46	5	ND	1	33	.8	6	2	24	.11	.060	18	1	.05	712	.01	7	.63	.01	.09	1	7
L9400N 9800E	3	36	71	265	.2	5	9	2645	3.07	58	5	ND	1	35	1.6	8	2	16	.09	.048	17	1	.07	638	.01	8	.37	.01	.08	1	10
L9400N 9825E	2	31	50	194	.2	4	9	2283	2.19	56	5	ND	6	45	1.3	9	4	12	.22	.054	26	1	.09	587	.01	4	.29	.01	.10	2	6
L9400N 9850E	5	31	40	156	.3	4	12	3514	3.03	53	5	ND	3	58	1.6	8	3	17	.37	.075	22	1	.07	894	.01	7	.31	.01	.11	1	6
L9400N 9875E	4	37	74	303	.3	7	13	4664	4.93	52	5	ND	1	28	2.2	4	2	31	.10	.098	22	2	.10	709	.01	7	.78	.01	.09	1	10
L9400N 9900E	3	24	60	216	.1	4	8	2439	3.92	44	5	ND	1	31	.8	4	2	27	.23	.122	16	2	.05	418	.01	4	.59	.01	.08	1	1
L9400N 9925E	7	12	40	115	.3	1	5	1870	2.42	43	5	ND	1	14	.7	2	2	13	.03	.064	7	1	.01	417	.01	6	.52	.01	.09	1	2
L9400N 9950E	31	16	64	129	.3	1	5	980	2.64	53	7	ND	1	23	.9	2	2	21	.12	.124	8	1	.06	246	.01	4	.49	.01	.08	1	1
L9400N 9975E	7	67	245	590	1.1	7	17	5177	4.87	83	5	ND	1	72	4.8	8	3	28	.31	.121	15	3	.11	926	.01	7	.45	.01	.12	1	5
L9300N 9500E	1	82	15	106	.1	5	16	1720	5.21	29	5	ND	2	92	.9	2	2	53	.91	.227	26	2	.10	614	.01	9	.72	.01	.18	1	1
L9300N 9525E	1	80	8	121	.1	3	15	1741	5.01	35	5	ND	2	81	.3	2	2	51	.70	.180	22	2	.10	633	.01	5	.80	.01	.19	1	1
L9300N 9550E	1	85	9	103	.1	4	16	1783	4.95	40	5	ND	2	92	.5	2	2	45	.67	.187	20	1	.09	691	.01	8	.70	.01	.18	1	2
L9300N 9575E	2	59	58	226	.1	21	15	1615	5.09	33	5	ND	2	110	1.1	2	4	42	.60	.185	16	9	.10	717	.01	8	.55	.01	.14	1	1
L9300N 9600E	2	67	467	922	.9	12	17	2542	5.09	87	5	ND	1	102	4.7	5	2	41	.41	.171	17	7	.09	798	.01	6	.51	.01	.11	1	2
L9300N 9625E	2	57	434	1283	2.0	14	18	3187	4.77	89	5	ND	1	97	4.7	8	2	40	.23	.118	14	6	.08	906	.01	5	.49	.01	.09	1	2
L9300N 9650E	2	57	347	1146	1.2	16	17	3087	4.90	76	5	ND	1	81	4.3	6	2	40	.27	.131	13	6	.10	797	.01	2	.44	.01	.09	1	1
STANDARD C/AU-S	18	62	37	132	7.3	73	31	1052	3.97	40	19	7	36	53	18.4	15	21	56	.51	.094	37	61	.89	180	.07	36	1.89	.06	.14	11	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	Au* ppb
L9300N 9675E	1	58	532	1157	2.9	10	16	3394	4.32	85	5	ND	1	122	5.2	12	2	30	.84	.179	17	5	.09	934	.01	8	.41	.01	.13	1	10
L9300N 9700E	1	40	99	311	1.2	4	11	1902	3.79	29	5	ND	1	104	1.3	3	2	27	1.07	.166	16	2	.07	910	.01	11	.56	.01	.17	1	3
L9300N 9725E	1	42	132	330	.8	3	10	2124	4.17	33	5	ND	1	49	1.7	5	2	32	.27	.162	27	1	.05	552	.01	4	.82	.01	.10	1	7
L9300N 9750E	1	30	124	315	.9	2	6	1059	3.20	25	5	ND	1	54	1.3	4	2	29	.29	.133	16	1	.08	751	.01	6	.64	.01	.12	1	11
L9300N 9775E	1	26	64	287	1.6	3	3	610	2.83	22	5	ND	1	25	1.7	2	2	34	.10	.148	13	2	.06	502	.01	4	1.00	.01	.09	1	10
L9300N 9800E	1	27	70	312	1.6	4	5	1221	3.10	27	5	ND	1	26	1.4	4	2	33	.07	.175	10	3	.05	314	.01	5	.78	.01	.10	1	4
L9300N 9825E	1	43	114	474	1.1	5	12	2450	3.71	27	5	ND	1	55	1.7	4	2	37	.31	.151	22	2	.07	675	.01	7	.54	.01	.12	1	8
L9300N 9850E	1	42	162	746	1.5	5	9	2534	3.84	40	5	ND	1	48	2.1	5	2	33	.24	.113	19	5	.09	655	.01	7	.69	.01	.10	1	7
L9300N 9875E	1	61	329	1208	2.7	16	17	4376	4.17	80	5	ND	1	49	3.9	18	3	34	.07	.074	13	6	.06	701	.01	5	.44	.01	.08	1	15
L9300N 9900E	1	64	275	1002	1.7	13	16	3971	4.27	72	5	ND	1	49	3.1	20	2	36	.07	.072	13	4	.07	651	.01	4	.43	.01	.09	1	13
L9300N 9925E	1	53	78	434	.8	14	11	1671	3.90	39	5	ND	1	34	.8	9	2	40	.14	.082	14	12	.40	401	.01	6	.99	.01	.09	1	10
L9300N 9950E	1	36	89	335	.7	8	8	1982	3.44	57	5	ND	1	45	1.1	5	2	39	.15	.118	16	10	.22	820	.01	5	.95	.01	.11	1	7
L9300N 9975E	1	48	199	730	1.7	8	12	3491	4.10	56	5	ND	1	46	2.4	11	2	37	.18	.103	15	5	.10	855	.01	3	.55	.01	.09	1	9
L9300N 10000E	1	52	212	878	1.7	13	14	4017	4.49	55	5	ND	1	60	3.6	11	2	38	.24	.107	17	4	.10	956	.01	5	.45	.01	.10	1	13
L9300N 10025E	1	30	80	378	1.4	4	7	1359	3.59	26	5	ND	1	33	1.4	5	2	39	.11	.140	17	2	.06	595	.01	4	1.22	.01	.09	1	14
L9300N 10050E	1	35	22	104	.1	4	11	1565	3.63	8	5	ND	1	61	.5	2	2	47	.47	.144	24	1	.10	574	.02	6	.55	.01	.17	1	6
L9300N 10075E	1	15	2	46	.1	1	6	559	1.95	3	5	ND	4	234	.2	2	2	26	2.34	.169	21	6	.47	210	.01	11	.43	.01	.19	2	9
L9300N 10100E	1	37	28	137	.1	4	10	1431	3.10	19	5	ND	3	439	.8	4	2	34	1.14	.157	17	5	.26	646	.01	8	.40	.01	.15	3	6
L9300N 10125E	1	44	64	387	.3	3	11	3067	3.64	74	5	ND	1	52	1.2	7	2	29	.32	.096	19	2	.07	727	.01	8	.42	.01	.14	2	7
L9300N 10150E	1	91	109	733	4.2	6	17	4247	4.68	160	5	ND	1	66	2.1	19	2	39	.27	.089	16	2	.07	947	.01	4	.59	.01	.12	1	3
L9300N 10175E	3	25	26	158	.7	4	2	249	1.95	32	7	ND	1	22	.5	3	2	37	.04	.089	10	3	.03	227	.01	8	.70	.01	.08	1	5
L9300N 10200E	3	29	29	306	.1	3	4	1009	3.41	50	5	ND	1	20	.8	4	2	63	.04	.078	10	3	.05	150	.02	4	1.02	.01	.07	1	3
L9200N 9525E	1	35	17	165	.2	10	11	2547	3.49	6	5	ND	1	20	1.2	2	2	24	.21	.105	21	4	.18	375	.01	4	1.50	.01	.13	1	3
L9200N 9550E	3	36	19	184	.1	13	10	1949	3.89	15	5	ND	1	25	1.1	2	2	47	.17	.169	14	10	.20	528	.01	2	1.34	.01	.10	1	3
L9200N 9575E	2	34	24	155	.1	8	10	1783	3.72	23	5	ND	1	26	1.0	2	2	44	.21	.150	13	6	.13	293	.01	3	1.02	.01	.13	1	6
L9200N 9600E	3	34	42	218	.1	7	7	1406	4.03	25	5	ND	1	17	.9	2	2	49	.06	.135	9	6	.05	251	.01	3	1.25	.01	.06	1	3
L9200N 9625E	2	29	22	141	.2	5	6	1102	3.19	13	5	ND	1	30	.5	2	2	39	.37	.152	14	4	.07	591	.01	4	.75	.01	.13	1	8
L9200N 9650E	5	36	37	229	.4	8	7	1645	3.21	24	5	ND	1	26	.6	2	2	41	.15	.224	8	4	.05	363	.01	3	.79	.01	.12	1	10
L9200N 9675E	1	25	9	107	.1	3	8	1298	3.14	12	5	ND	1	54	.2	2	2	26	.44	.166	23	1	.08	507	.01	9	.56	.01	.14	3	4
L9200N 9700E	1	29	25	146	.3	3	8	1334	3.57	15	5	ND	1	40	.2	2	2	29	.28	.135	25	2	.07	935	.01	5	.73	.01	.12	1	1
L9200N 9725E	1	32	21	126	.3	3	10	1975	3.54	12	5	ND	1	17	.5	2	2	31	.05	.147	21	1	.05	346	.01	3	.80	.01	.10	1	7
L9200N 9750E	1	32	96	242	.5	2	5	784	3.30	26	5	ND	1	29	.9	2	2	38	.08	.170	15	3	.07	457	.01	2	1.19	.01	.09	1	2
L9200N 9775E	2	37	86	332	1.3	5	6	1369	3.09	70	5	ND	1	57	.7	12	2	27	.23	.083	16	3	.07	1032	.01	6	.81	.01	.13	1	10
L9200N 9800E	2	22	75	163	.3	4	7	1608	3.58	35	5	ND	1	21	.5	2	2	42	.05	.090	10	6	.06	219	.01	3	1.25	.01	.08	1	9
L9200N 9825E	1	39	132	280	1.1	8	8	1496	3.89	44	5	ND	1	28	.6	4	2	34	.05	.137	19	4	.05	236	.01	5	.93	.01	.09	1	5
L9200N 9850E	1	24	89	143	1.1	4	5	571	2.61	30	5	ND	1	30	.8	2	2	30	.06	.141	13	3	.05	228	.01	4	.84	.01	.09	1	6
STANDARD C/AU-S	18	62	39	129	7.1	72	32	1054	3.97	40	17	7	37	53	18.5	15	20	56	.51	.095	37	60	.89	180	.07	37	1.88	.06	.14	12	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
L9200N 9875E	1	25	53	217	1.0	4	6	1018	3.74	30	5	ND	2	29	.6	3	2	35	.03	.092	13	5	.06	219	.01	2	1.28	.01	.10	1	1
L9200N 9900E	1	28	64	226	1.1	5	7	1149	3.36	29	5	ND	1	36	.6	2	2	38	.08	.082	16	7	.07	444	.01	2	1.09	.01	.10	1	6
L9200N 9925E	1	38	72	399	1.1	9	10	2052	4.05	34	5	ND	3	25	.5	5	2	41	.05	.079	18	7	.22	225	.03	3	1.14	.02	.10	1	1
L9200N 9950E	1	25	64	152	1.3	4	5	965	3.66	28	5	ND	1	17	.3	3	2	41	.03	.076	18	11	.11	113	.04	2	1.64	.01	.08	1	4
L9200N 9975E	1	24	53	182	.8	5	8	1643	3.20	34	5	ND	1	23	.2	3	2	37	.03	.071	12	7	.22	110	.02	2	1.20	.01	.09	1	3
L9200N 10000E	2	22	68	168	.6	5	6	2626	3.19	50	6	ND	2	32	.4	5	2	39	.04	.106	11	7	.20	117	.03	3	1.22	.01	.10	1	4
L9200N 10025E	2	24	61	215	1.0	4	4	1076	3.11	57	5	ND	1	43	.4	6	2	33	.02	.096	10	6	.15	102	.01	2	1.22	.01	.08	1	3
L9200N 10050E	1	35	24	151	.6	4	20	3274	4.96	31	5	ND	2	33	.4	3	2	28	.07	.128	20	3	.09	217	.01	3	1.08	.01	.11	1	7
L9200N 10075E	2	37	15	104	.4	2	22	3098	5.24	56	5	ND	4	53	.2	7	2	20	.13	.095	20	1	.04	878	.01	3	.47	.01	.13	1	2
L9200N 10100E	1	33	9	91	.4	2	20	3143	5.61	33	5	ND	5	37	.2	3	2	23	.04	.147	18	2	.01	434	.01	2	.48	.01	.14	1	1
L9200N 10125E	1	47	45	229	.6	4	20	5377	4.51	42	5	ND	3	53	.9	6	2	29	.14	.084	22	4	.08	1179	.01	2	.61	.01	.13	1	2
L9200N 10150E	2	27	23	115	.3	3	4	300	3.26	24	5	ND	1	24	.2	2	2	45	.01	.082	11	2	.02	130	.01	2	.71	.01	.10	1	1
L9200N 10175E	3	30	15	122	.5	3	9	1483	5.04	24	5	ND	1	18	.2	3	2	40	.02	.217	14	4	.01	152	.01	2	.90	.01	.09	1	1
L9200N 10200E	1	40	11	112	.5	3	18	3840	4.19	21	5	ND	2	28	.2	4	2	29	.08	.250	15	5	.07	235	.01	2	1.08	.01	.13	1	5
L9100N 9550E	4	32	27	218	1.0	9	7	917	4.14	22	5	ND	1	20	.9	3	2	45	.06	.163	14	8	.13	236	.01	2	1.74	.01	.10	1	1
L9100N 9575E	5	27	18	227	.7	8	9	1808	4.72	25	5	ND	1	24	.5	2	2	52	.04	.143	9	9	.08	245	.01	2	1.30	.01	.12	1	4
L9100N 9600E	2	29	15	199	1.4	7	6	778	4.04	17	5	ND	1	19	.2	2	2	47	.03	.130	9	6	.06	221	.01	2	1.46	.01	.09	1	4
L9100N 9625E	1	14	28	254	.5	4	7	915	3.16	16	5	ND	1	38	.3	2	2	35	.09	.084	9	4	.08	247	.01	2	.78	.01	.11	1	3
L9100N 9650E	1	27	48	267	1.2	5	5	858	3.82	21	5	ND	1	26	.4	2	2	40	.10	.135	9	5	.06	299	.01	2	1.07	.01	.10	1	2
L9100N 9675E	3	22	30	230	.8	6	5	939	4.29	21	5	ND	1	20	.6	2	2	49	.04	.090	10	6	.04	209	.02	2	1.21	.01	.10	1	4
L9100N 9700E	3	20	18	196	1.6	7	5	888	4.27	13	5	ND	1	14	.6	2	2	50	.03	.102	13	7	.07	183	.02	2	1.74	.01	.08	1	1
L9100N 9725E	2	26	38	191	1.7	5	8	1598	4.08	24	5	ND	1	15	.2	2	2	44	.01	.110	14	9	.08	146	.01	2	1.92	.01	.07	1	1
L9100N 9750E	1	14	19	84	.4	2	5	1069	2.82	10	5	ND	1	22	.2	2	2	45	.03	.104	10	2	.04	123	.01	2	.79	.01	.13	1	1
L9100N 9775E	1	17	23	88	1.3	1	5	634	2.75	7	5	ND	1	22	.2	2	2	42	.05	.076	16	1	.02	448	.01	2	.69	.01	.10	1	2
L9100N 9800E	1	17	26	119	.9	2	5	584	2.59	10	5	ND	1	42	.2	2	2	35	.24	.091	13	1	.07	612	.01	2	.51	.01	.14	1	1
L9100N 9825E	2	30	31	237	.5	5	5	889	4.17	26	5	ND	1	17	.2	3	2	46	.04	.172	9	5	.06	171	.01	2	1.17	.01	.09	1	1
L9100N 9850E	4	18	23	197	1.0	8	6	1352	4.16	17	5	ND	1	22	.7	2	2	60	.18	.144	10	12	.13	453	.07	2	1.42	.01	.09	1	1
L9100N 9875E	6	23	23	184	.9	6	5	1118	4.07	29	5	ND	2	19	.2	4	2	61	.05	.143	9	8	.05	202	.05	2	.86	.01	.09	1	2
L9100N 9900E	3	29	47	270	.7	6	6	1118	4.23	48	5	ND	1	19	.6	6	2	53	.03	.068	9	7	.14	155	.02	2	.96	.01	.10	1	1
L9100N 9925E	4	21	37	170	.8	7	10	5130	3.02	29	5	ND	2	19	1.4	3	2	44	.05	.089	9	10	.12	393	.02	2	1.16	.03	.11	1	3
L9100N 9950E	1	29	54	262	.6	6	7	2603	3.55	31	5	ND	1	29	1.5	3	2	38	.08	.122	9	5	.06	344	.01	2	.77	.01	.11	1	1
L9100N 9975E	2	25	40	264	.8	6	6	1019	3.15	34	5	ND	1	35	.5	3	2	41	.16	.095	9	6	.05	520	.01	2	.71	.01	.11	1	3
L9100N 10000E	3	15	28	167	.3	4	4	911	3.01	22	5	ND	1	23	.4	3	2	46	.07	.070	8	6	.09	177	.05	2	.72	.01	.10	1	1
L9000N 9650E	2	22	22	178	.5	5	8	1203	3.38	19	5	ND	1	50	.4	2	2	38	.18	.109	8	3	.11	407	.01	2	.72	.01	.10	1	1
L9000N 9675E	5	23	20	237	.5	8	8	1570	3.58	21	5	ND	1	37	.9	2	2	43	.17	.112	6	5	.06	558	.01	2	.62	.01	.11	1	1
L9000N 9700E	2	29	15	194	1.2	6	6	737	3.92	18	5	ND	1	18	.4	2	2	46	.03	.127	8	5	.06	213	.01	2	1.41	.01	.10	1	1
STANDARD C/AU-S	19	57	38	131	6.9	72	31	1044	3.95	38	21	7	39	52	18.5	15	20	58	.51	.091	38	56	.89	182	.09	33	1.88	.06	.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
L9000N 9725E	5	11	30	210	1.1	7	5	801	2.74	22	5	ND	1	47	.9	2	2	42	.25	.112	8	9	.10	781	.02	3	.76	.01	.13	1	1
L9000N 9750E	3	34	66	304	2.2	9	9	1986	4.35	34	5	ND	2	24	.5	2	2	40	.04	.219	11	12	.11	267	.01	3	1.52	.01	.10	1	2
L9000N 9775E	5	27	27	192	.9	8	4	849	4.33	31	5	ND	1	18	.2	3	2	48	.03	.117	10	12	.10	172	.04	3	1.38	.01	.10	1	1
L9000N 9800E	5	32	40	223	1.0	9	6	1219	3.87	31	5	ND	1	19	.4	2	2	40	.05	.172	12	10	.15	213	.01	3	1.58	.01	.12	1	3
L9000N 9825E	5	27	28	205	.7	7	6	1606	4.33	30	5	ND	1	20	.2	2	2	47	.05	.119	9	8	.08	241	.03	2	1.03	.01	.11	1	2
L9000N 9850E	2	60	19	142	.2	27	17	1355	4.83	25	5	ND	2	25	.3	3	2	56	.23	.114	11	23	1.07	211	.03	3	1.87	.01	.10	1	3
L9000N 9875E	2	69	10	100	.1	31	15	868	4.61	21	5	ND	1	17	.3	2	2	54	.09	.105	11	22	1.14	234	.02	2	2.26	.01	.10	1	2
L9000N 9900E	3	56	13	113	.1	24	14	846	4.69	23	5	ND	1	16	.2	2	2	59	.07	.115	11	24	1.00	200	.02	2	2.70	.01	.10	1	1
L9000N 9925E	3	40	20	120	.6	15	11	1110	4.12	26	5	ND	1	15	.5	2	2	54	.03	.119	11	16	.60	204	.02	2	1.93	.01	.09	1	5
L9000N 9950E	2	56	15	124	.6	26	15	812	5.14	19	5	ND	1	17	.3	3	2	69	.11	.157	9	25	.99	223	.02	2	2.75	.01	.06	1	2
L9000N 9975E	3	49	18	173	.4	22	15	1222	5.47	17	5	ND	1	19	.3	2	3	65	.12	.132	9	20	.81	277	.02	2	2.20	.01	.11	1	1
L9000N 10000E	5	17	25	186	.2	8	6	1907	3.89	26	5	ND	1	27	1.2	2	2	54	.24	.112	8	9	.11	573	.04	2	.81	.01	.12	1	2
L9000N 10025E	6	22	35	238	.4	10	12	3586	4.96	25	5	ND	1	29	1.4	2	2	52	.17	.138	9	12	.16	491	.05	3	1.29	.01	.11	1	1
L9000N 10050E	5	23	30	186	.2	16	10	1658	3.48	59	5	ND	1	39	.3	4	2	49	.21	.101	8	11	.10	323	.02	3	.73	.01	.12	1	1
L9000N 10075E	5	27	92	356	.1	12	10	2263	4.25	40	5	ND	1	32	4.6	5	2	52	.25	.149	10	11	.12	855	.03	3	.84	.01	.11	1	3
L9000N 10100E	2	143	142	404	1.2	206	39	1967	6.96	123	5	ND	1	13	2.7	10	3	41	.07	.126	7	67	.26	339	.01	4	2.15	.01	.12	1	3
L9000N 10125E	5	19	35	177	.3	10	7	1967	4.17	27	5	ND	1	29	.7	3	2	47	.12	.104	15	14	.13	276	.04	4	1.19	.02	.11	1	3
L9000N 10150E	6	14	26	127	.2	7	5	1131	3.61	17	5	ND	1	18	.4	2	3	61	.10	.083	9	13	.08	319	.08	3	.95	.02	.08	1	1
L9000N 10175E	5	18	60	159	1.7	8	10	2139	5.21	17	5	ND	1	27	.8	2	2	64	.29	.086	12	14	.16	594	.12	2	1.78	.02	.09	1	1
L9000N 10200E	1	25	21	81	5.0	9	3	296	1.66	3	10	ND	1	70	3.1	2	2	19	1.04	.200	59	12	.28	622	.02	5	2.21	.05	.09	1	2
L8900N 9700E	3	42	23	189	.5	15	14	1686	4.62	23	5	ND	1	61	.6	2	2	50	.32	.126	20	10	.30	635	.01	2	1.54	.01	.12	1	1
L8900N 9725E	2	43	8	124	.2	9	14	2087	4.33	18	5	ND	1	67	.4	2	2	35	.35	.109	18	7	.16	505	.01	3	.70	.01	.14	1	1
L8900N 9750E	2	49	10	121	.4	12	20	2566	5.72	30	5	ND	2	128	.5	2	2	62	1.11	.152	19	8	.26	900	.01	6	.66	.01	.16	1	1
L8900N 9775E	2	60	14	126	.2	22	23	2083	5.42	38	5	ND	2	98	.3	3	2	58	.47	.110	14	15	.87	1077	.01	4	1.58	.01	.17	1	1
L8900N 9800E	1	71	11	103	.2	36	18	1334	4.89	26	5	ND	2	36	.2	3	2	58	.40	.105	12	25	1.34	507	.03	4	2.02	.02	.16	1	5
L8900N 9825E	1	67	12	115	.4	30	16	1195	4.33	20	5	ND	3	56	.4	3	2	50	1.56	.088	12	23	1.25	455	.04	3	1.90	.02	.16	1	3
L8900N 9850E	5	38	37	486	.3	15	12	2235	4.21	26	5	ND	1	77	3.5	2	2	44	.69	.169	10	12	.38	1418	.02	3	1.20	.01	.14	1	2
L8900N 9875E	7	25	34	304	.3	14	9	1877	3.86	30	5	ND	1	43	.6	2	2	44	.26	.120	8	14	.17	678	.02	4	.77	.01	.15	1	2
L8900N 9900E	5	33	28	241	1.3	12	7	704	4.15	37	5	ND	1	25	.6	4	2	54	.08	.078	9	13	.13	334	.02	2	.84	.01	.11	1	4
L8900N 9925E	3	35	56	240	1.2	12	14	1604	4.36	34	5	ND	1	21	.2	2	2	51	.04	.099	13	15	.43	178	.03	3	1.88	.01	.11	1	4
L8900N 9950E	6	24	25	151	1.1	13	7	729	3.89	24	5	ND	1	18	.2	2	2	54	.06	.132	9	14	.37	174	.02	3	1.35	.01	.12	1	2
L8900N 9975E	2	68	22	197	.5	28	17	1434	4.92	26	5	ND	1	23	.4	3	2	60	.14	.095	15	24	1.00	300	.02	3	2.37	.01	.11	1	1
L8900N 10000E	7	22	28	232	.4	17	15	2412	4.45	18	5	ND	1	33	1.1	2	2	64	.30	.128	9	19	.25	622	.05	4	1.09	.02	.12	1	2
L8900N 10025E	4	17	29	129	.6	8	8	1955	2.87	21	5	ND	1	18	.5	2	2	44	.08	.115	9	9	.16	346	.02	3	1.10	.02	.12	1	2
L8900N 10050E	1	32	18	101	.4	10	4	570	1.06	13	11	ND	1	180	1.9	3	2	15	1.89	.083	11	8	.33	454	.07	9	.71	.06	.09	1	10
L8900N 10075E	5	19	28	187	.1	10	10	2175	4.79	26	5	ND	1	25	.5	2	2	65	.19	.110	9	11	.15	384	.04	2	.87	.01	.10	1	1
STANDARD C/AU-S	19	61	38	130	7.0	73	31	1046	3.95	38	19	7	40	52	18.8	15	20	58	.52	.096	38	61	.89	182	.09	36	1.91	.06	.13	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
L8900N 10100E	4	31	21	174	.5	13	9	1178	4.56	27	5	ND	1	30	.2	5	2	61	.29	.133	10	16	.41	383	.03	6	1.27	.02	.14	1	1
L8900N 10125E	1	17	9	97	.4	14	6	580	1.53	25	5	ND	5	644	.9	2	4	12	19.56	.045	5	4	.54	273	.01	4	.32	.01	.08	1	1
L8900N 10150E	1	15	9	99	.4	13	5	554	1.00	20	5	ND	3	680	1.2	3	2	10	20.67	.041	2	4	.56	272	.01	4	.28	.01	.07	1	1
B.L. L9200E 12200N	9	34	11	232	.4	23	5	305	3.24	15	5	ND	1	39	1.0	3	2	52	.71	.120	6	18	.37	211	.01	5	2.09	.01	.13	1	1
B.L. L9200E 12175N	7	35	9	253	.6	32	10	441	3.46	14	5	ND	3	45	2.7	3	2	43	.55	.081	7	17	.41	439	.01	7	1.59	.02	.19	1	1
B.L. L9200E 12150N	12	40	20	250	.7	22	9	476	3.52	15	5	ND	3	72	1.8	2	2	32	.38	.091	7	12	.28	473	.01	4	1.32	.02	.20	1	1
B.L. L9200E 12125N	27	56	20	607	.4	56	12	779	4.62	33	5	ND	1	44	3.9	7	2	58	.38	.087	9	12	.29	310	.01	5	1.49	.02	.14	1	3
B.L. L9200E 12075N	8	27	11	183	.6	15	3	212	2.16	13	5	ND	1	12	1.5	2	2	31	.08	.096	8	10	.12	176	.01	2	1.30	.03	.11	1	1
B.L. L9200E 12050N	11	48	9	386	.7	36	9	469	4.20	28	5	ND	1	20	3.2	4	2	33	.15	.090	8	10	.09	194	.01	4	1.04	.01	.11	1	1
B.L. L9200E 12025N	11	33	13	303	.7	23	6	473	3.92	27	8	ND	1	15	2.5	4	2	44	.12	.201	6	11	.10	193	.01	3	1.71	.01	.08	1	2
B.L. L9200E 11975N	8	29	13	235	.4	20	9	606	3.99	18	5	ND	1	15	1.6	4	2	46	.21	.146	7	14	.20	197	.01	4	2.01	.01	.10	1	1
B.L. L9200E 11950N	6	45	16	228	.5	29	11	647	4.85	21	9	ND	1	14	1.8	3	2	46	.18	.208	12	20	.47	321	.01	5	2.15	.01	.09	1	1
B.L. L9200E 11925N	7	29	9	476	.9	30	6	295	3.74	16	5	ND	1	64	5.6	3	2	38	.90	.112	10	14	.40	304	.01	5	1.69	.01	.11	1	1
B.L. L9200E 11875N	4	45	16	181	.3	22	14	888	5.05	20	5	ND	3	30	1.0	4	2	56	.60	.117	20	12	.60	456	.01	7	1.46	.01	.17	1	1
B.L. L9200E 11850N	4	52	23	172	.3	23	16	1027	5.36	24	5	ND	4	35	.8	5	2	63	.65	.123	20	13	.67	495	.01	6	1.64	.02	.18	1	2
B.L. L9200E 11825N	4	49	17	151	.2	21	15	919	5.25	20	5	ND	3	28	.4	3	2	58	.58	.142	22	12	.62	410	.01	5	1.39	.02	.14	1	2
B.L. L9200E 11775N	8	47	16	407	.7	47	15	769	4.99	40	5	ND	1	46	4.7	5	2	49	.79	.107	9	20	.70	215	.01	7	1.13	.02	.16	1	1
B.L. L9200E 11750N	11	50	44	709	1.4	47	15	1702	5.04	44	5	ND	2	33	6.4	2	2	45	.37	.093	8	13	.41	315	.01	6	.89	.01	.14	1	1
B.L. L9200E 11725N	9	44	85	651	1.9	35	14	2020	4.51	75	5	ND	2	39	4.0	3	2	26	.32	.081	8	8	.21	422	.01	8	.50	.01	.13	1	1
B.L. L9200E 11675N	2	46	258	1342	2.2	6	17	6498	3.77	88	5	ND	2	36	3.9	8	3	20	.17	.056	13	3	.08	974	.01	6	.29	.01	.11	1	1
B.L. L9200E 11650N	1	102	514	1761	2.9	3	21	8483	4.64	115	5	ND	3	35	6.4	12	2	18	.10	.050	15	3	.05	1430	.01	4	.27	.01	.11	1	4
B.L. L9200E 11625N	1	78	242	933	2.4	3	13	4810	3.42	78	11	ND	6	29	3.7	7	2	14	.16	.056	15	3	.10	885	.01	4	.34	.01	.12	1	1[illegible]
B.L. L9200E 11575N	2	34	149	445	1.6	2	7	2646	2.29	47	8	ND	3	16	1.6	5	7	11	.06	.051	17	2	.04	414	.01	3	.49	.01	.11	1	18
B.L. L9200E 11550N	1	16	95	361	1.1	2	7	4314	2.44	27	5	ND	3	26	.6	2	2	8	.26	.050	22	2	.06	629	.01	5	.45	.01	.15	1	8
B.L. L9200E 11525N	1	29	101	485	1.3	3	7	2576	2.49	36	5	ND	1	32	1.0	5	2	14	.33	.070	21	3	.09	575	.01	5	.57	.01	.16	1	9
B.L. L9200E 11475N	1	16	159	531	.7	3	9	4416	2.37	26	5	ND	1	25	2.4	3	2	18	.33	.107	16	4	.08	536	.01	5	.54	.02	.14	1	9
B.L. L9200E 11450N	1	32	573	625	.7	2	9	4026	2.46	28	5	ND	1	38	3.1	6	2	14	.19	.064	18	2	.07	625	.01	6	.33	.01	.11	1	7
B.L. L9200E 11425N	2	34	199	457	.6	5	10	3189	3.03	26	5	ND	3	27	2.2	7	2	18	.22	.064	17	5	.15	542	.01	9	.42	.02	.11	1	4
12250E 10150N	2	3	21	99	.3	10	10	675	5.40	2	45	ND	2	21	.2	2	2	101	.25	.075	11	23	.52	97	.68	2	4.58	.05	.06	1	27
12250E 10125N	3	20	11	75	.3	10	17	2230	6.16	7	5	ND	1	15	.6	6	2	90	.14	.047	11	20	.34	55	.41	5	1.97	.07	.06	1	35
12250E 10100N	3	20	8	68	.3	10	10	855	6.15	12	26	ND	1	6	.8	5	2	62	.06	.061	16	22	.34	31	.26	6	4.43	.03	.04	1	3
12250E 10075N	2	23	8	76	.2	17	15	1435	5.34	13	5	ND	1	8	.5	3	2	59	.10	.077	13	23	.71	65	.22	3	3.72	.02	.03	1	6
12250E 10050N	2	32	9	89	.1	14	10	1380	4.90	9	5	ND	1	9	.2	2	3	43	.12	.060	12	18	.88	91	.05	3	2.25	.01	.06	1	30
12300E 10200N	3	6	16	57	.1	11	8	912	5.21	2	5	ND	1	7	.2	2	9	58	.07	.046	7	16	.48	58	.21	2	1.98	.01	.02	4	8
12300E 10175N	2	18	9	66	.1	24	12	1134	6.27	9	14	ND	1	10	.2	2	2	87	.12	.089	8	25	.75	49	.39	3	3.48	.03	.04	1	10
12300E 10150N	2	35	21	100	.4	16	19	1067	6.45	129	25	ND	1	51	.2	2	2	82	.48	.104	10	21	.80	77	.48	2	3.97	.20	.10	1	3
STANDARD C/AU-S	18	60	38	131	6.9	70	32	1042	3.94	41	15	7	36	53	18.4	15	19	60	.50	.091	38	57	.89	180	.09	35	1.85	.06	.14	14	46

Noranda Exploration Co. Ltd. PROJECT 9008-090 296 FILE # 90-3777

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
12300E 10125N	1	19	19	67	.5	12	13	708	7.55	2	5	ND	1	14	.8	3	3	132	.18	.085	15	33	.45	45	.58	2	7.78	.02	.01	1	4
12300E 10100N	2	14	11	66	.4	15	10	803	8.90	5	5	ND	1	29	.3	6	5	124	.27	.055	10	33	.57	51	.52	2	3.00	.11	.06	1	6
12300E 10075N	1	25	23	78	.3	18	33	1620	8.91	2	5	ND	1	10	.9	5	2	143	.13	.074	19	42	.74	34	.67	2	8.87	.03	.02	2	5
12300E 10050N	1	19	13	63	.2	15	12	1097	5.33	5	5	ND	1	5	.6	3	2	59	.08	.068	13	24	.60	59	.19	2	3.85	.02	.03	1	1

296 Res.

NORANDA VANCOUVER LABORATORY

PERTY/LOCATION:RDN   CODE :9009-009

Project No. :296   Sheet:1 of 1   Date rec'd:AUG 27
Material :41 SOILS   Geol.:M.S.   Date compl:SEP 17
Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	PPB Au	
60	8700N-9700E	5	-35 MESH
61	9725	5	
62	9750	5	
63	9775	5	
64	9800	5	
65	9825	5	
66	9850	5	
67	9875	5	
68	9900	5	
69	9950	5	
70	9975	5	
71	10000	5	
72	10025	5	
73	10050	5	
74	10075	5	
75	10100	5	
76	10125	5	
77	10150	5	
78	10175	5	
79	8700N-10200E	5	
80	8800N-9900E	5	
81	9925	5	
82	9950	5	
83	9975	5	
[illegible]	10000	5	
[illegible]	10025	5	
86	10050	5	
87	10075	5	
88	10100	5	
89	10125	5	
90	10150	5	
91	10175	5	
92	8800N-10200E	5	
93	9100N-10025E	5	
94	10050	5	
95	10075	5	
96	10100	5	-35 MESH
97	10125	5	
98	10150	5	
99	10175	5	
100	9100N-10200E	5	

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT [redacted] File # 90-4417 Page 1

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
8700N-9700E	1	95	10	124	.2	40	21	1398	5.37	25	5	ND	2	24	.4	5	2	68	.40	.096	12	27	1.08	223	.02	4	1.86	.01	.05	2
8700N-9725E	2	124	12	153	.1	53	28	1624	6.02	28	5	ND	3	25	1.4	5	2	70	.41	.099	11	31	1.04	300	.02	6	1.93	.01	.07	1
8700N-9750E	10	51	17	229	.2	45	22	1290	4.67	20	5	ND	3	25	1.0	3	2	36	.30	.092	8	15	.46	295	.01	8	1.44	.01	.14	1
8700N-9775E	8	39	11	192	.3	33	15	1005	3.92	15	5	ND	2	36	1.0	3	2	27	.36	.089	5	9	.23	391	.01	5	.98	.01	.14	1
8700N-9800E	10	34	13	174	.1	32	11	1106	4.08	16	5	ND	2	30	.7	3	2	26	.19	.077	4	6	.01	355	.01	6	.62	.01	.11	1
8700N-9825E	8	38	15	230	.1	51	13	1024	4.03	13	5	ND	2	34	1.9	3	2	22	.22	.087	5	8	.03	308	.01	13	.72	.01	.13	1
8700N-9850E	8	41	15	216	.2	41	13	873	3.77	13	5	ND	2	35	1.7	3	2	25	.19	.081	4	8	.07	403	.01	6	.78	.01	.13	1
8700N-9875E	7	43	16	195	.2	40	13	1027	3.85	18	5	ND	2	36	1.3	2	2	35	.35	.084	5	10	.39	303	.01	7	.94	.01	.12	1
8700N-9900E	12	63	18	272	.2	41	15	1062	4.65	38	5	ND	2	83	2.2	4	2	51	1.29	.109	10	10	.46	353	.01	6	.92	.01	.12	1
8700N-9950E	7	46	27	228	.4	24	12	1392	4.08	23	5	ND	2	50	1.3	3	2	35	.33	.083	10	5	.14	449	.01	2	.67	.01	.11	1
8700N-9975E	6	55	39	348	.2	25	15	1837	4.79	30	5	ND	2	51	1.1	5	2	35	.20	.072	12	8	.23	668	.01	2	.87	.01	.11	1
8700N-10000E	3	87	17	156	.1	32	19	1594	5.30	33	5	ND	2	32	.9	6	2	63	.40	.089	19	20	.84	568	.02	2	1.52	.01	.08	1
8700N-10025E	3	50	50	185	.4	16	16	1864	5.07	24	5	ND	1	16	.2	5	2	63	.08	.107	12	15	.59	154	.01	3	1.63	.01	.08	1
8700N-10050E	3	108	41	226	.6	21	19	2206	5.52	35	5	ND	1	18	.7	7	2	61	.14	.114	12	16	.68	193	.01	6	1.81	.01	.07	1
8700N-10075E	2	39	57	197	.6	19	13	850	4.16	23	5	ND	1	25	.2	5	2	59	.20	.087	11	16	.76	267	.01	6	1.57	.01	.09	1
8700N-10100E	3	40	43	212	.5	14	11	1133	5.80	32	5	ND	1	14	.2	7	2	69	.08	.156	10	16	.50	129	.01	4	1.64	.01	.06	1
8700N-10125E	3	52	37	423	.4	27	17	2653	5.11	31	5	ND	2	36	1.6	6	2	52	.46	.103	16	19	.74	463	.02	6	1.51	.01	.10	1
8700N-10150E	3	43	26	212	.1	18	16	1505	4.52	28	5	ND	1	19	1.4	7	2	47	.22	.073	14	22	.64	262	.01	6	1.39	.01	.09	1
8700N-10175E	2	47	33	322	.4	20	13	915	4.74	32	5	ND	1	33	.5	5	2	55	.45	.102	17	18	.71	349	.01	2	1.57	.01	.06	1
8700N-10200E	4	37	47	203	.3	13	10	1039	4.68	31	5	ND	1	18	.3	5	2	68	.14	.128	13	15	.42	191	.02	4	1.35	.01	.07	1
8800N-9900E	4	70	298	1088	4.5	22	24	3650	4.49	94	5	ND	1	48	2.4	17	2	55	.36	.146	13	13	.67	1067	.01	4	1.42	.01	.11	1
8800N-9925E	2	64	41	265	.1	22	15	1497	4.45	33	5	ND	2	26	.5	6	2	50	.20	.072	15	16	.84	329	.03	4	1.33	.01	.07	1
8800N-9950E	4	43	84	329	.4	15	15	1607	5.05	43	5	ND	1	20	.7	8	2	63	.08	.091	9	14	.63	282	.01	8	1.52	.01	.09	1
8800N-9975E	3	45	61	360	2.4	16	14	1735	4.58	40	5	ND	1	23	1.1	6	3	54	.11	.101	17	14	.64	497	.01	2	1.65	.01	.08	1
8800N-10000E	3	49	57	268	.3	12	13	2324	4.57	33	5	ND	1	26	.8	6	2	49	.07	.082	18	11	.55	303	.01	9	1.27	.01	.10	1
8800N-10025E	3	44	134	783	3.7	15	12	2240	3.85	53	5	ND	1	44	.9	8	2	47	.19	.106	13	13	.44	486	.02	8	1.83	.03	.11	1
8800N-10050E	2	37	46	181	.2	11	13	1398	4.56	32	5	ND	1	17	.2	5	2	45	.05	.078	13	12	.50	136	.01	2	1.53	.01	.08	1
8800N-10075E	1	48	16	207	.1	25	19	1939	4.83	28	5	ND	1	32	.7	5	2	64	.40	.083	11	20	1.07	527	.03	6	1.70	.01	.06	1
8800N-10100E	3	24	40	230	.3	13	13	1389	4.31	27	5	ND	1	19	.3	4	2	62	.10	.114	9	16	.55	215	.01	2	1.34	.01	.09	1
8800N-10125E	4	36	28	118	.3	13	12	735	6.44	27	5	ND	1	17	.2	5	2	71	.10	.074	15	21	.51	137	.03	3	2.06	.01	.06	1
8800N-10150E	7	36	24	103	.1	12	5	196	3.56	24	5	ND	1	32	.2	5	2	119	.18	.042	11	9	.07	99	.09	8	.59	.01	.07	1
8800N-10175E	2	46	36	182	.1	19	18	2119	5.08	32	5	ND	1	42	1.3	4	2	47	.58	.088	16	18	.67	370	.01	5	1.71	.01	.12	1
8800N-10200E	7	49	28	221	.1	23	15	1487	4.56	27	5	ND	2	22	.7	4	2	43	.17	.079	14	17	.59	267	.01	2	1.37	.01	.11	1
9100N-10025E	4	28	65	217	.3	9	10	1555	5.33	36	5	ND	1	24	.4	6	2	63	.07	.107	19	17	.28	178	.05	5	2.53	.01	.11	1
9100N-10050E	3	13	18	193	.1	5	5	1567	3.57	27	5	ND	1	38	.5	4	2	53	.09	.120	10	7	.11	186	.02	2	.93	.01	.11	1
9100N-10075E	3	25	42	225	1.2	8	8	1124	4.95	38	5	ND	1	29	.2	5	2	48	.06	.103	10	11	.27	173	.01	7	1.73	.01	.11	1
STANDARD C	18	59	36	131	6.7	71	32	1049	3.97	41	22	7	39	53	18.3	15	19	56	.52	.094	37	57	.90	180	.09	39	1.89	.06	.14	11

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

DATE RECEIVED: SEP 13 1990 **DATE REPORT MAILED:** Sept 17/90 **SIGNED BY** D. Toye ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Noranda Exploration Co. Ltd. PROJECT 9009-009 296 FILE # 90-4417

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
9100N-10100E	5	27	36	320	.3	6	9	1411	4.42	38	5	ND	1	26	1.1	4	5	51	.11	.068	11	6	.09	222	.01	5	.73	.01	.11	1
9100N-10125E	4	27	97	345	.3	8	16	5740	5.78	63	5	ND	1	25	1.3	9	9	45	.08	.148	15	11	.12	252	.02	7	1.52	.01	.12	1
9100N-10150E	4	28	88	392	.1	13	12	2726	5.19	58	5	ND	1	23	2.5	3	6	47	.05	.174	15	11	.17	243	.01	4	1.63	.01	.12	1
9100N-10175E	5	29	68	323	.1	8	12	3022	5.24	52	5	ND	1	27	3.2	5	2	44	.15	.198	18	11	.21	289	.01	5	1.49	.02	.13	1
9100N-10200	4	21	68	365	1.9	7	8	1316	4.23	34	5	ND	1	37	2.3	4	2	41	.39	.176	28	10	.18	580	.01	4	1.62	.01	.09	1
STANDARD C	20	59	39	131	6.7	73	31	1050	3.95	41	17	7	37	53	20.0	14	22	55	.52	.095	38	58	.89	180	.07	35	1.89	.06	.14	11

Noranda Exploration Co. Ltd. PROJECT 9010-029 296 FILE # 90-5193

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
82242	1	25	158	123	4.4	1	17	479	4.50	27	6	ND	2	135	2.3	2	6	6	.96	.065	7	1	.11	22	.01	6	.26	.01	.08	1	3

Noranda Exploration Co. Ltd. PROJECT 9010-042 296 FILE # 90-5286

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
L11900N 9000E	3	34	68	357	.8	9	9	1241	4.53	50	5	ND	1	15	.3	4	2	65	.10	.111	13	10	.09	161	.02	2	1.44	.01	.13	1	29
L11900N 9025E	4	20	51	284	.3	9	6	1501	3.84	37	5	ND	1	13	.2	2	2	53	.10	.165	13	11	.13	212	.02	4	1.19	.01	.13	1	10
L11900N 9050E	6	28	83	369	.3	12	13	3098	5.42	31	5	ND	1	12	.6	3	2	78	.04	.096	13	16	.10	195	.08	2	1.38	.02	.12	1	3
L11900N 9075E	4	23	39	430	.4	11	7	1572	4.56	51	5	ND	1	11	.3	2	2	46	.02	.114	13	14	.16	152	.01	3	1.98	.01	.11	1	1
L11900N 9100E	5	28	34	496	1.3	16	7	1035	4.80	46	5	ND	1	12	1.2	3	2	49	.06	.153	11	13	.15	238	.01	2	2.04	.01	.13	1	3
L11900N 9125E	6	27	25	353	.6	16	6	817	4.76	32	5	ND	1	12	.8	2	2	43	.13	.138	15	11	.14	250	.01	2	1.98	.01	.09	1	5
L11900N 9150E	5	16	17	155	.8	12	7	816	4.01	12	6	ND	1	12	.7	2	2	57	.11	.150	12	13	.12	214	.03	2	1.72	.01	.08	1	4
L11900N 9175E	4	38	16	185	.4	19	10	757	4.38	21	5	ND	1	37	.8	2	2	44	.68	.123	24	10	.34	483	.01	3	1.57	.01	.14	1	4

APPENDIX V

GEOPHYSICAL REPORT

noranda

NORANDA EXPLORATION CO. LTD.

VANCOUVER, B.C.

MEMO TO: M. Savell **C.C.:** L. Bradish

FROM : T. Wong

SUBJECT: **RDN - GOZ GEOPHYSICS RESULTS, 1990**

DATE : November 26, 1990

During mid-September to early October, 1990, geophysical surveys consisting of Total Field Magnetics , Horizontal Loop Electromagnetics and some VLF Electromagnetics were completed on various grids of the RDN - Goz Property. The grids were emplaced on the basis of targets outlined from preliminary results of an airborne magnetic and electromagnetic survey flown approximately a month earlier.

All ground surveys were carried out by Noranda personnel. A total of 5 grids covering selected airborne targets were surveyed:

Target 1:	HLEM
Target 2:	HLEM, Mag, VLF-EM
Target 4:	HLEM
Target 5 & 6:	HLEM, Mag
Target 7:	HLEM, Mag

INSTRUMENTATION

MAGNETICS SURVEY

The magnetics survey utilized EDA Omni4 magnetometers with readings corrected for diurnal drift by the use of a recording magnetic base station. The EDA system records the Total Magnetic Field with an accuracy of within 1 nT. Readings were taken at 12.5 m. intervals along the survey lines.

HORIZONTAL LOOP ELECTROMAGNETIC SYSTEM

The HLEM survey used the Scintrex SE88 frequency EM system. This system is similar to conventional HLEM systems such as the MaxMIn II except that the per-cent ratio response between a transmitted and a reference frequency as compared to the usual in-phase and out-phase components is measured. Three transmitted frequencies, 337 Hz., 1012 Hz., and 3037 Hz., were used with a reference frequency of 112 Hz. To maximize the signal level the ratio response is integrated over a time period (usually less than 20 seconds), depending upon local noise levels. Coil spacing between receiver and transmitter was kept at 100 m. with a station interval of 25 m. Readings were stored in the receiver and later dumped onto computer disc.

VLF-EM SYSTEM

The VLF-EM survey for Target 2 utilized a Geonics EM16 VLF receiver tuned to transmitting station NLK Seattle, Washington, 24.8 KHz. Readings of the dip and quadrature components of the induced secondary magnetic field (measured in per-cent of the primary horizontal magnetic field) as well as the relative changes of terrain slope were manually recorded at 12.5 m. stations.

DISCUSSION OF RESULTS

TARGET 1

The HLEM Survey profiles plotted at a plan scale of 1:2500 has located a bedrock conductor on L.10700N under resistive cover. From the high frequency profile this conductor has an interpreted width of 9.5 Siemens over a width of 20 m. and a probable dip to the east. The apparent source of this conductor was a large outcropping of black argillite which was deemed to be of no interest target wise.

It is unclear whether the undulations seen in the profile of L.10800N are caused by a continuation of the conductor seen on L.10700N or by variations in overburden conductivity and thickness.

TARGET 4

The HLEM Survey profiles plotted at a plan scale of 1:2500 shows a steep "ramp" response reflecting either a lithologic contact or contrasting overburden conductivity and/or thickness. The lithology or overburden is considered to be thicker and/or more conductive on the east side of the ramp than the west. It was noted in the field that the contact coincides with Carcass Creek.

TARGET 2

The VLF-EM survey results are plotted in profile form at a plan scale of 1:2500. The parallel in-phase and quadrature profiles is indicative of a thick overburden layer.

The 1:2500 contoured magnetic survey plan map shows E - W orientations which may be either reflecting a magnetic contact or be part of a larger, regional response not covered by the ground survey. The intense and isolated bulls-eye feature located near the baseline may not be not be a valid feature.

SE-88 profiles plotted at a plan scale of 1:2500 show the possibility of a very weak bedrock conductor L.10300N and L.10100N. This weak conductor appears to widen from L.10300N to L.10100N along its trend of NW - SE however its expression is not evident on L.10200N. Offsets in the high frequency profiles of most lines indicate an overlying layer of conductive overburden.

TARGET 5 & 6

The 1:2500 contour magnetics map show a region of high magnetic activity marked by magnetic depressions in contact with a region of nmoderate activity. N - S magnetic lineations are found throughout the grid area although these lineations may be stretched by the 200 m. line spacing.

The SE-88 EM profiles show a uniformly resistive subsurface with no indication of bedrock conductors.

TARGET 7

The 1:2500 contour magnetics map show an intense region of magnetics located at the west edge of the grid in sharp contrast to the surrounding magnetic terrain. A rock unit of low magnetic susceptibility is found at the NE corner of the grid. An interpreted E - W contact running between L.6700N and L.6600N and a N - S lineament separates the relatively low and quiet magnetic unit found in the NW quadrant from the rest of the grid. Several other N - S lineaments are noted on the map.

The 1:2500 SE-88 profile plan map shows a uniformly resistive subsurface throughout most of the grid. A shallow? and narrow? bedrock conductor with its eastern edge marked and an average interpreted conductivity of 4.8 S. lies at the ends of Lines 6700N and 6600N near the contact of the intense magnetic terrain.

SUMMARY

Overall the airborne EM targets have responded poorly to the SE-88 surveys. A couple of obvious reasons for this may be that the ground grids have been misplaced with respect to the target locations or that the targets are not as conductive as interpreted from the airborne data. I.P. may be tried on these targets once their proper locations have been established. Ground magnetic coverage on valid targets should be expanded.

PRODUCTION

SE-88:	Targets 1, 2, 4, 5 & 6, 7:		17.9 Km.
Mag. :	Targets 2, 5 & 6, 7	:	14.4 Km.
VLF :	Target 2	:	2.95 Km.

GEOLOGICAL BRANCH ASSESSMENT REPORT

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LEGEND

Geology

Tertiary

10 Pale grey, cherty felsite

Lower-Mid Jurassic

9 Dark green to brown, foliated and sheared diorite and gabbro

"Eskay Creek Facies"

8
- 8a dark green to brown, dacite to andesitic pillows, and tuffs
- 8b breccia

7
- 7a dark grey to black siltstone and argillite
- 7b rare limestone
- 7c minor sandstone

"Mt. Dilworth Formation"

6 Grey, pyritic, feldspar-quartz porphyry

5
- 5a pale green, grey, brown rhyolite crystal-vitric tuff
- 5b feldspar-phyric rhyolite
- 5c minor aphyric flows
- 5d minor Fe-carb rich felsite dykes

Upper Triassic

4 Green massive to well bedded tuff
- 4a tuffaceous wacke and argillite
- 4b minor limestone

Lower Permian

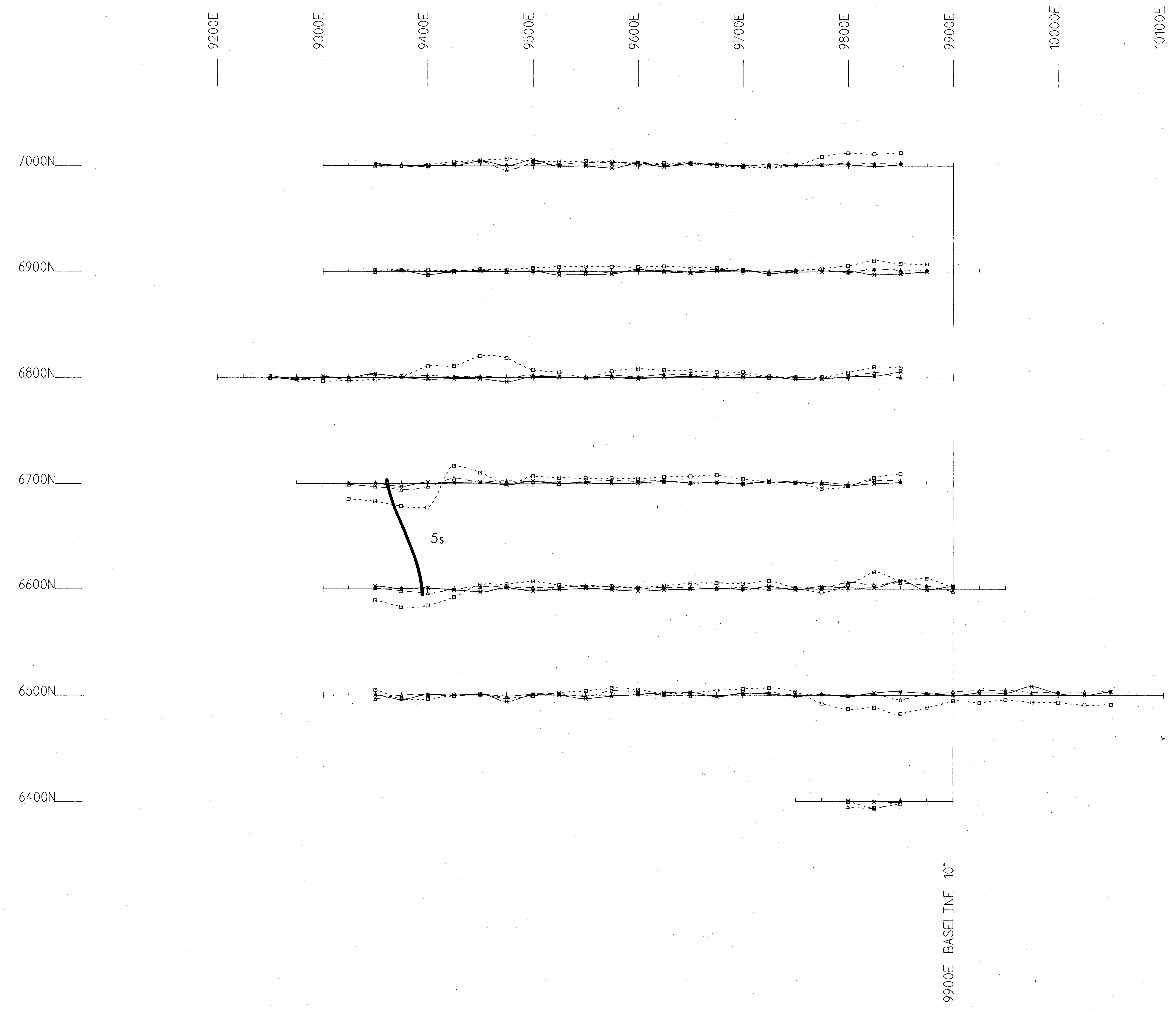
3 Black phyllitic shales, siltstones and cherts

2 Grey-green, phyllitic to schistose plagioclase porphyry volcanics and silstone, wacke

1 Dark green, foliated hornblende quartz diorite

0 500 1000 metres
SCALE 1: 10 000

REVISED	RDN-GOZ
	GEOLOGY MAP
PROJ. No. 293	SURVEY BY: DATE: AUG. 90
N.T.S. 104B/15, G/2	DRAWN BY: P.J.L. SCALE: 1:10,000
DWG. No. FIG. 3	NORANDA EXPLORATION OFFICE PRINCE GEORGE, B.C.



GEOLOGICAL BRANCH
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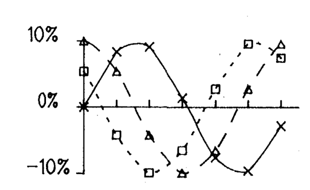
5s Conductivity

Conductor Edge



Instrument : IGS
Coil Spacing : 100m
Ref. Frequency : 112 Hz
Vertical Scale : 1 cm = 10%
Conductor Axis :
337 Hz
1012 Hz
3037 Hz

50m 25m 0m 50m 100m

RDN

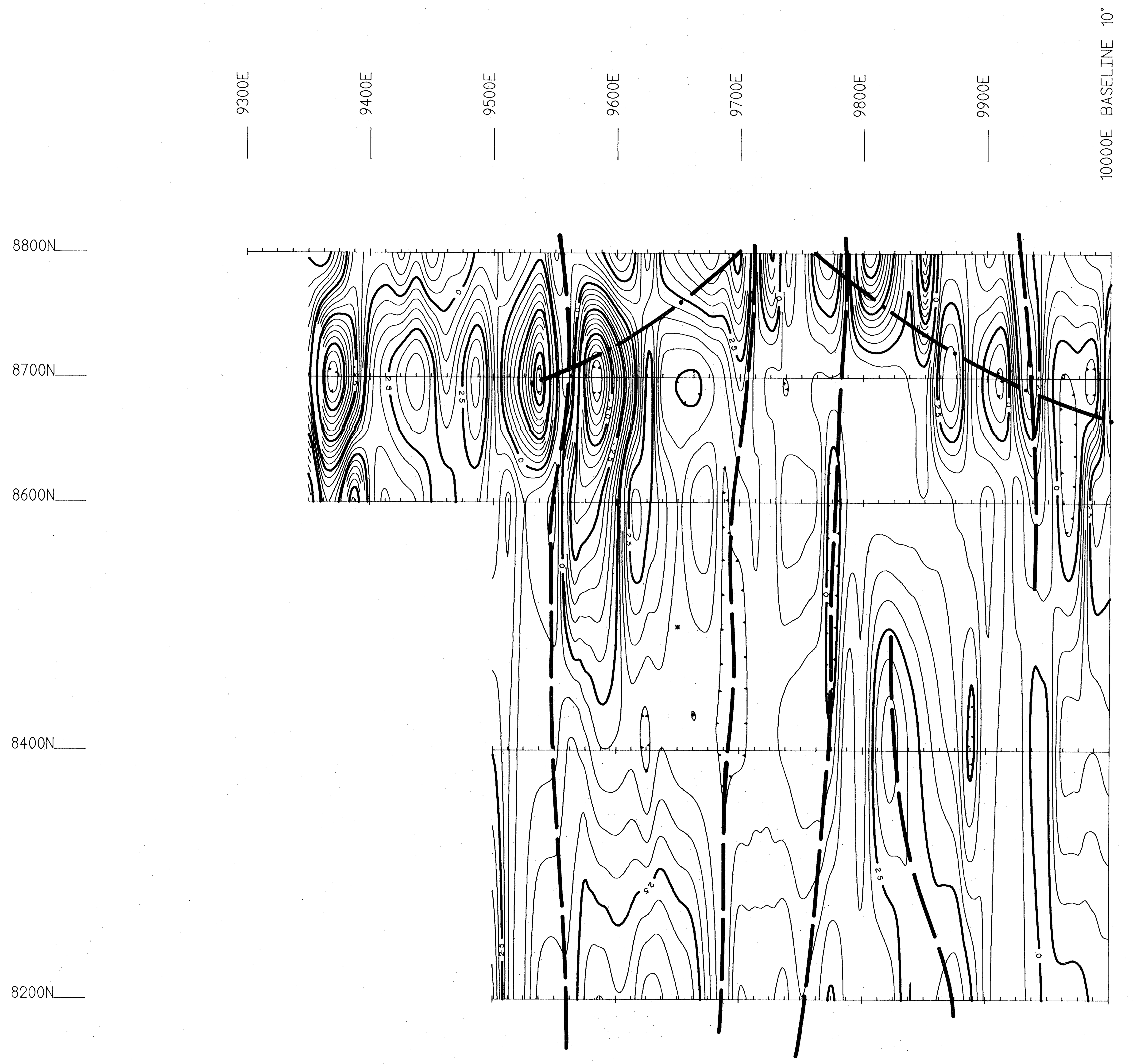
SE-88 EM SURVEY

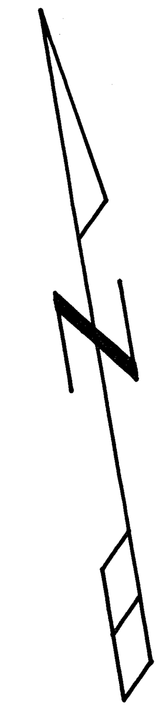
PROJECT: TARGET 7 PROJECT # : 292
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 2500 DATE : 9/27/90
SURVEY BY : TW/TC NTS :
FILE: Srdn7

FIG. 19 NORANDA EXPLORATION

Vers. 5.00 Mon 15 Oct 1990 at 11:50 Normal Profile Centre of plot at 9650.0E/6700.0N Serial # S89140, Registered User : NORANDA EXPLORATION





GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Magnetic Contact

Magnetic Lineament

Instrument :
Field : TOTAL
Datum : 57000.0 nT

Contour Interval :

Conductor Axis :

50m 25m 0m 50m 100m

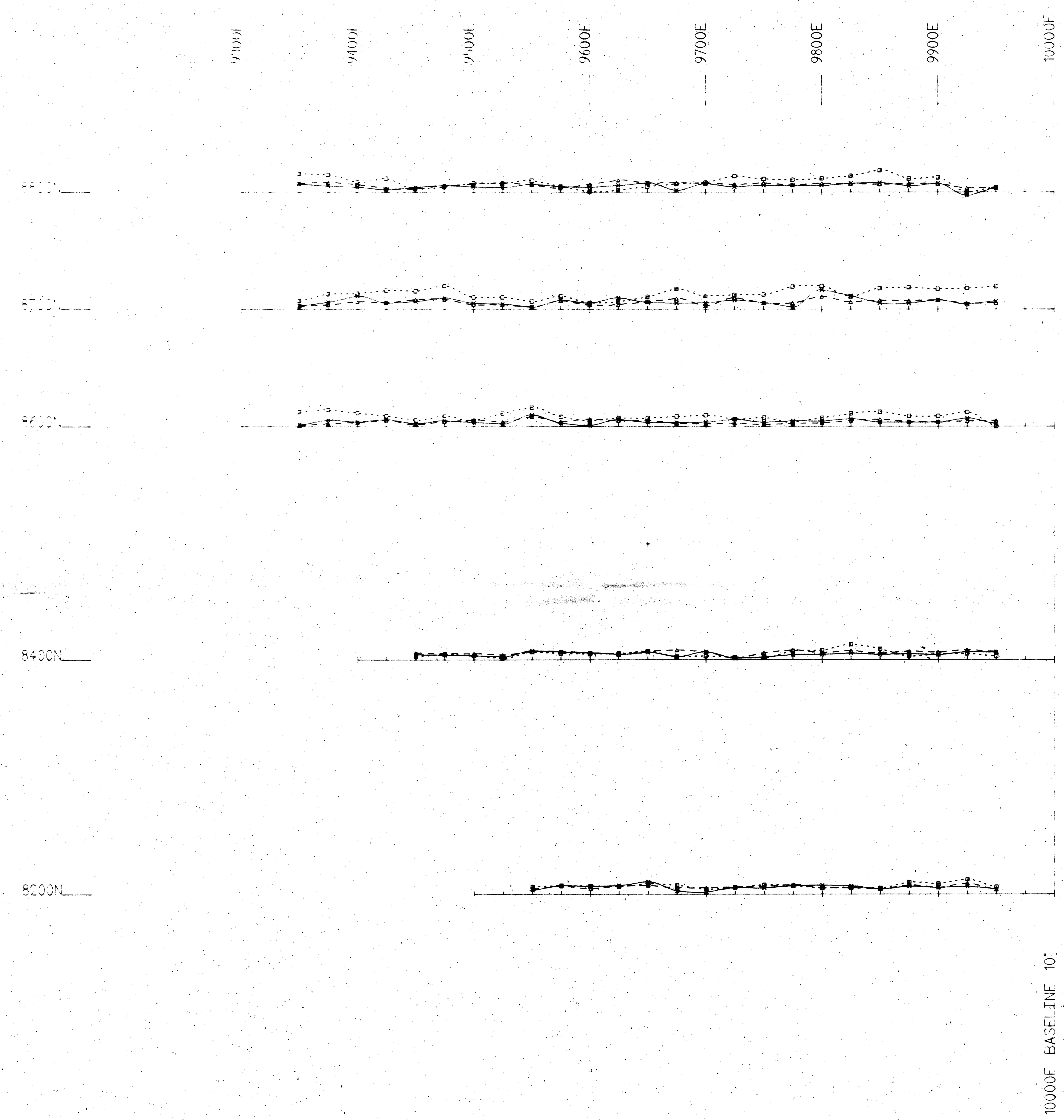
TARGET 5&6

MAGNETOMETER SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

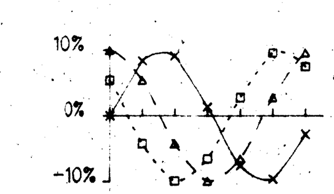
SCALE = 1 : 2500 DATE : 10/ 5/90
SURVEY BY : WK NTS :
FILE: M56
FIG. 18 NORANDA EXPLORATION

Vers. 5.01 Mon 15 Oct 1990 at 10:18 Centre of plot at 9650.0E/8500.0N Serial # M89140 Registered User : NORANDA EXPLORATION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769



Instrument : SE88
Coil Spacing : 100m
Ref. Frequency : 112 Hz
Vertical Scale : 1 cm = 10%
Conductor Axis :
337 Hz
1012 Hz
3037 Hz

50m 25m 0m 50m 100m

TARGET 5 & 6

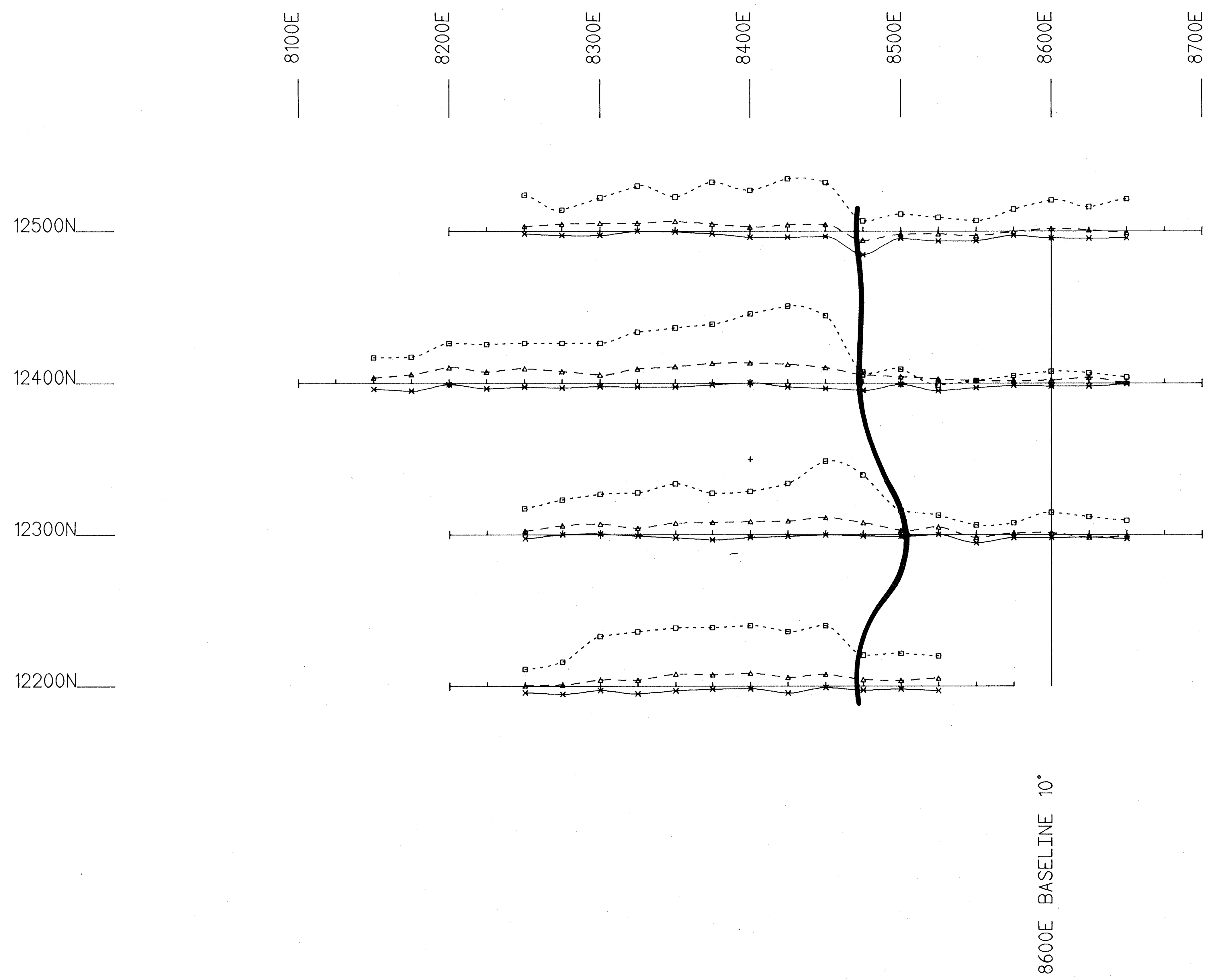
SE-88 EM SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 2500 **DATE : 9/27/90**
SURVEY BY : WK **NTS :**
FILE: STAR56

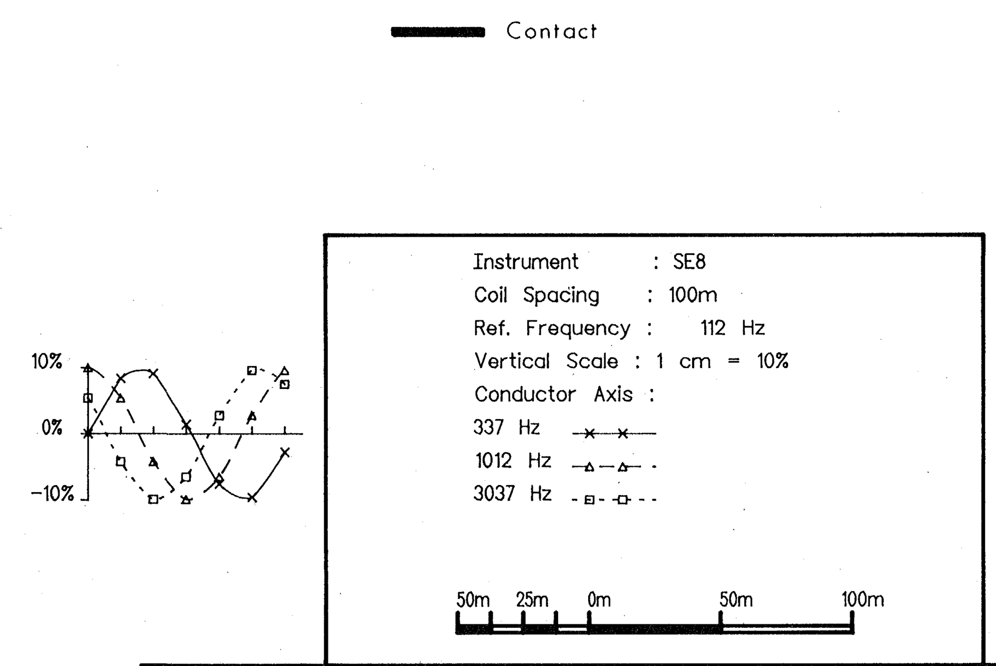
FIG. 17 NORANDA EXPLORATION

Vers. 5.00 Mon 15 Oct 1990 at 10:30 Normal Profile Centre of plot at 9650.0E/8500.0N Serial # S89140. Registered User : NORANDA EXPLORATION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769



TARGET 4

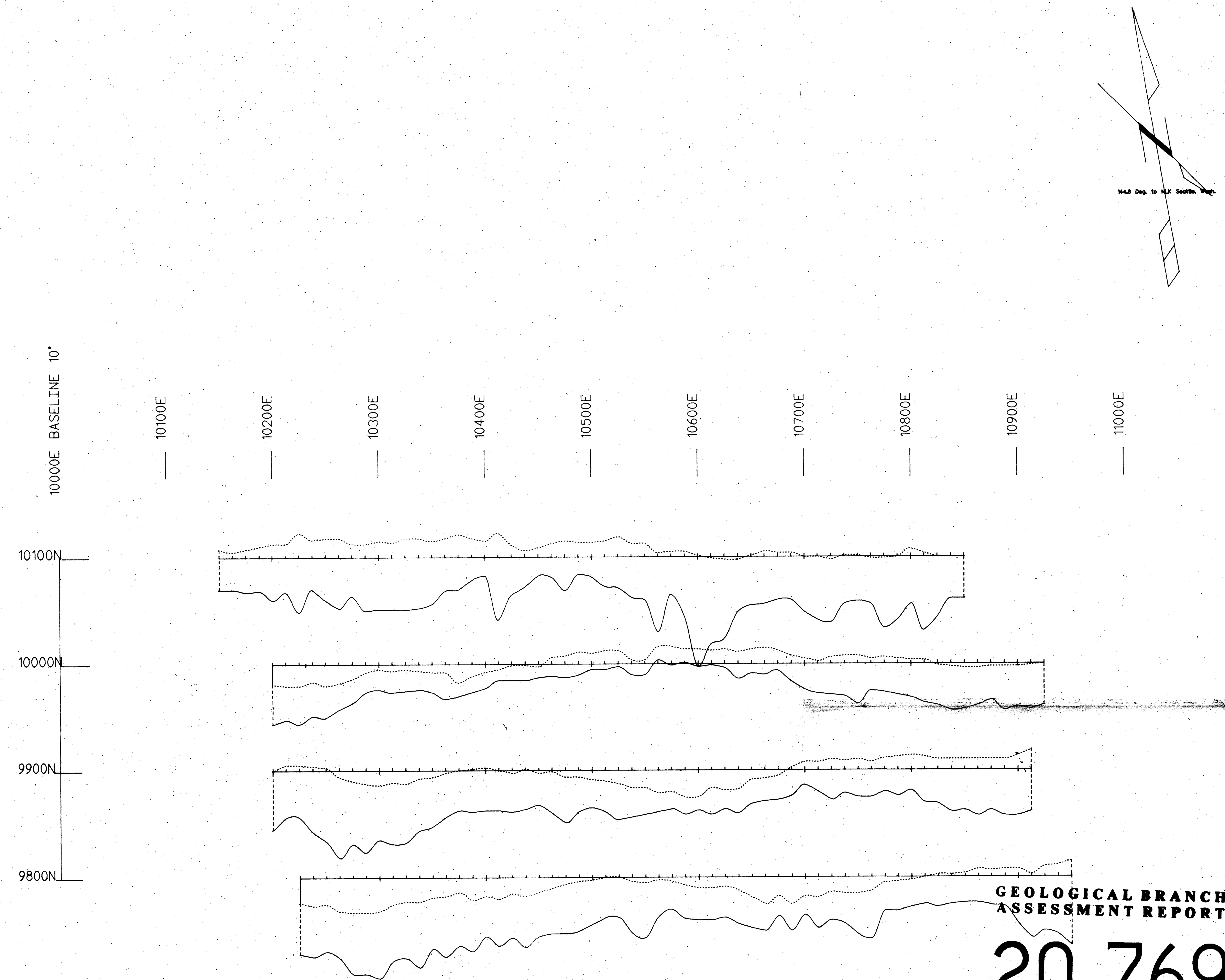
SE-88 EM SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 2500 DATE : 9/24/90
SURVEY BY : TW/WK NTS :
FILE: Srdn4

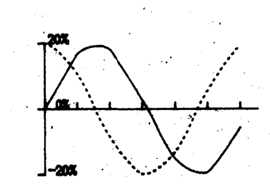
FIG. 16 NORANDA EXPLORATION

Vers. 5.00 Mon 15 Oct 1990 at 15:33 Normal Profile Centre of plot at 8400.0E/12350.0N Serial # S89140, Registered User : NORANDA EXPLORATION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769



Instrument : EM-16
Vertical Scale Inphase/Quad : 1 cm = 20.0%

Tx Location : NLK Seattle, Wash.
Contour Interval :
In-phase : ————
Quadrature : ....

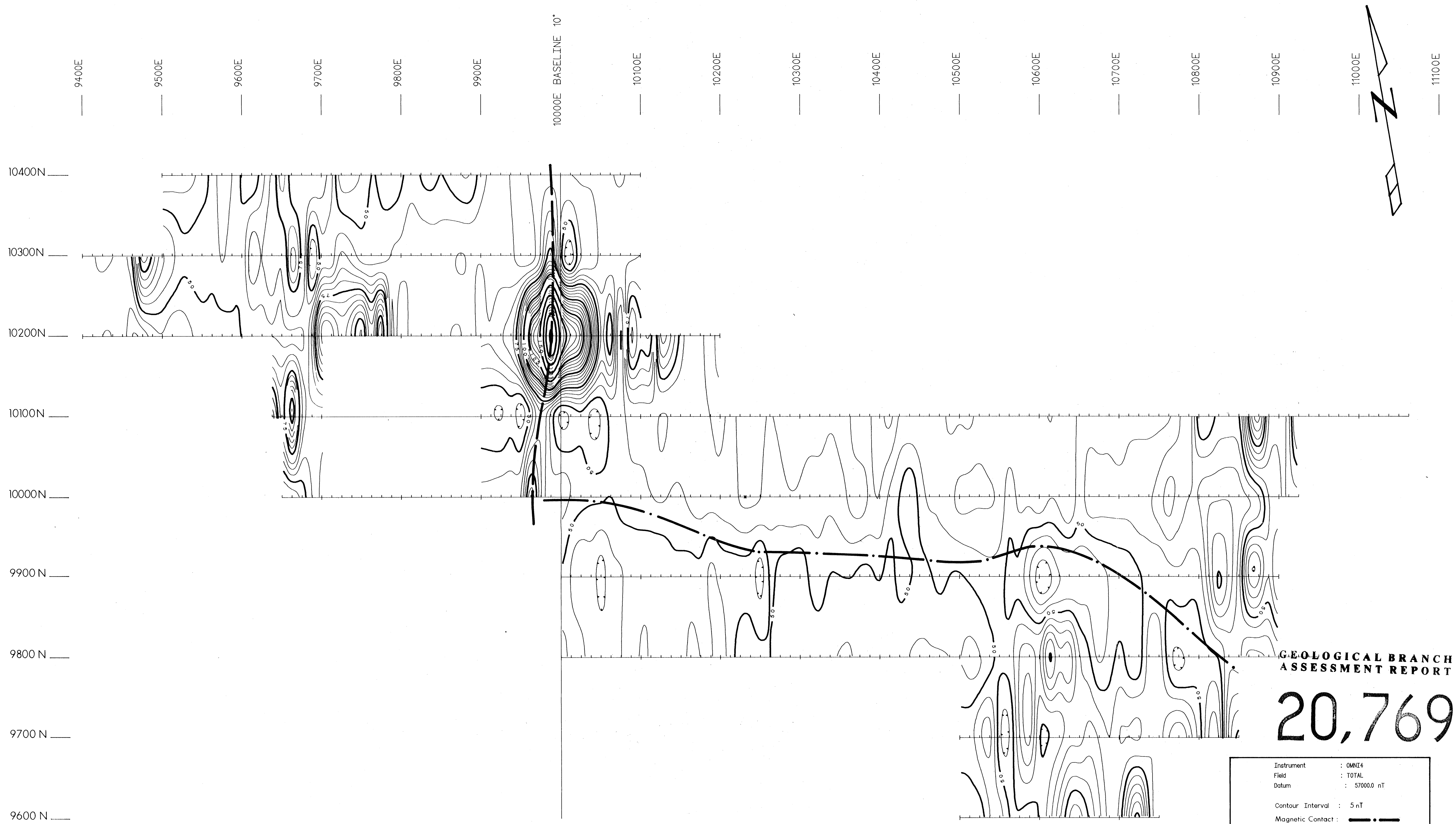
TARGET 2

VLF-EM SURVEY

PROJECT : RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 2500 DATE : 9/30/90
SURVEY BY : WK NTS :
FILE: VTAR2 FREQ.: 24.8 KHz.
FIG. 15 **NORANDA EXPLORATION**

Vers. 5.02 Mon 15 Oct 1990 at 15:11 Normal Profile Centre of plot at 10231.2E / 10000.0N Serial # V90140 Registered User : NORANDA EXPLORATION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769

Instrument : OMNI4
Field : TOTAL
Datum : 57000.0 nT

Contour Interval : 5 nT
Magnetic Contact :
Magnetic Lineament :
Conductor Axis :

50m 25m 0m 50m 100m

TARGET 2

MAGNETOMETER SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1 : 2500 DATE : 9/29/90
SURVEY BY : WK NTS :
FILE: MTAR2

FIG. 14 NORANDA EXPLORATION

Vers. 5.01 Mon 15 Oct 1990 at 14:25 Centre of plot at 10231.2E/10000.0N Serial # M89140 Registered User : NORANDA EXPLORATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769

TARGET 2

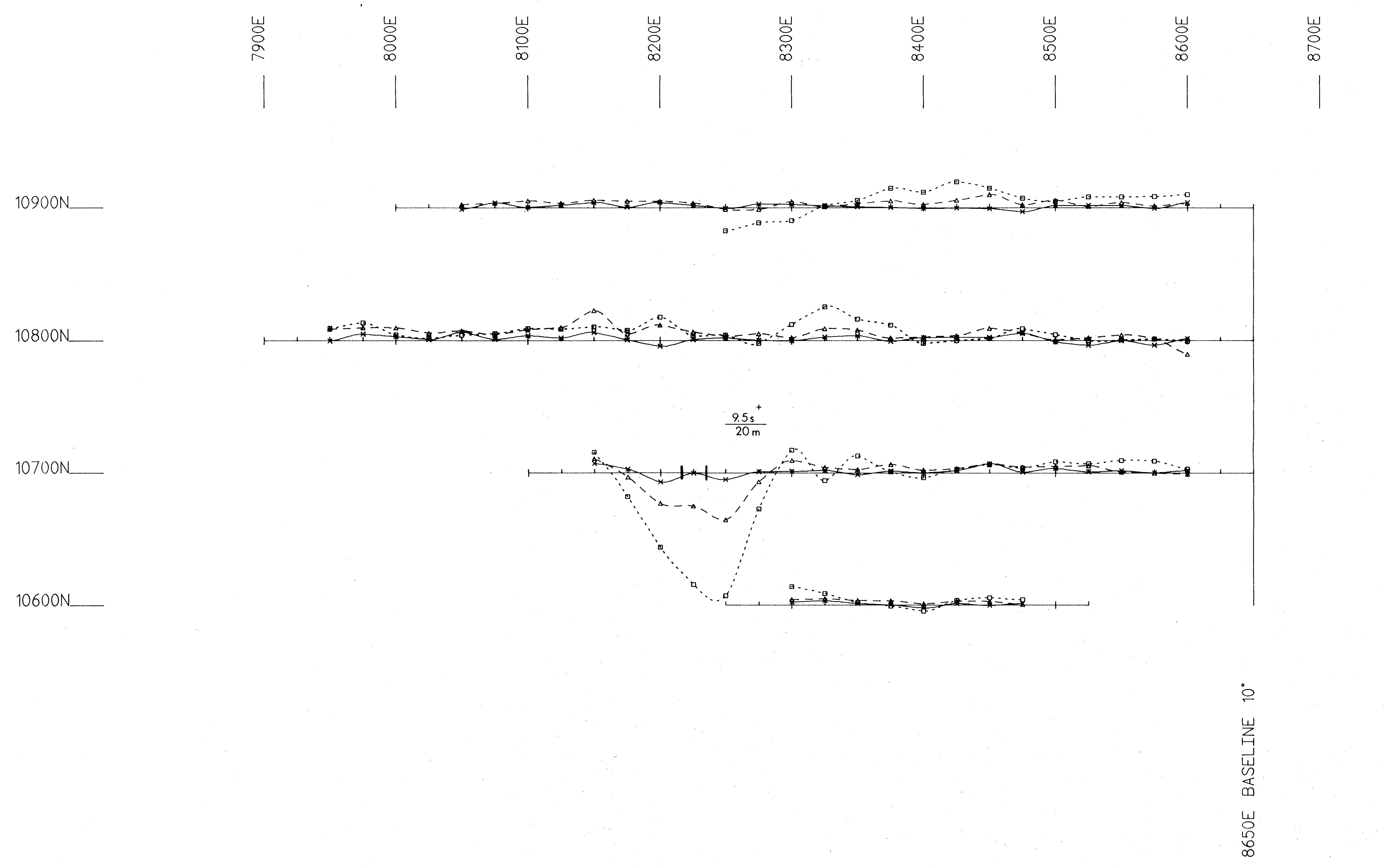
SE-88 EM SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 2500 DATE : 9/25/90
SURVEY BY : WK/TW NTS :
FILE: SRDN2

FIG. 13 NORANDA EXPLORATION

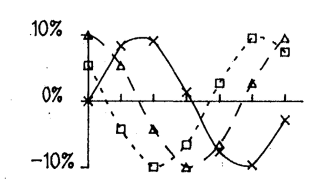
Vers. 5.00 Mon 15 Oct 1990 at 14:41 Normal Profile Centre of plot at 10231.2E/10000.0N Serial # S89140, Registered User : NORANDA EXPLORATION



GEOLOGICAL BRANCH ASSESSMENT REPORT

20,769

9.5 s / 20 m — Conductor Conductivity / Conductor Width



Instrument : IGS
Coil Spacing : 100m
Ref. Frequency : 112 Hz
Vertical Scale : 1 cm = 10%
Conductor Edge :
337 Hz
1012 Hz
3037 Hz

50m 25m 0m 50m 100m

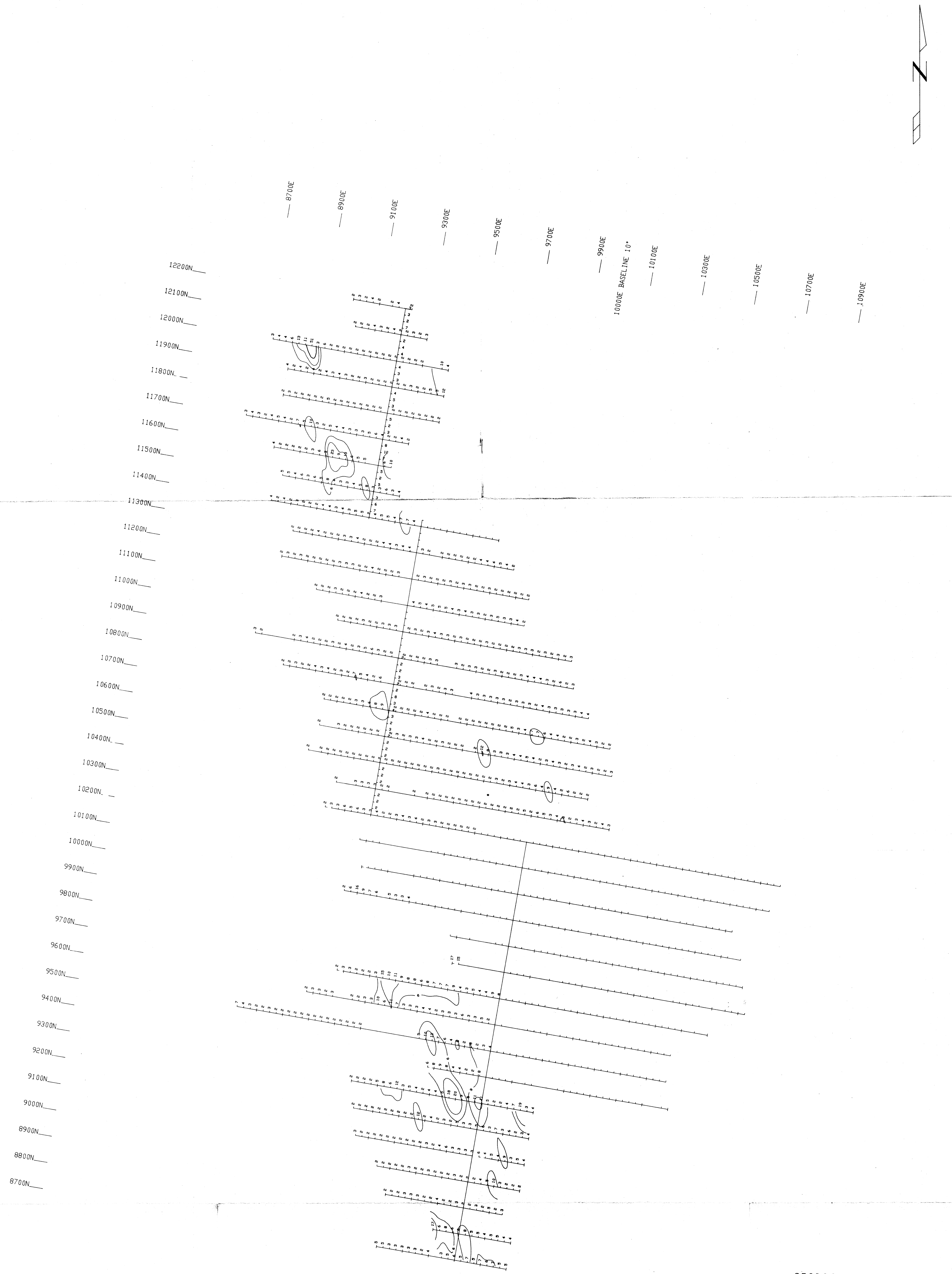
TARGET 1

SE-88 EM SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 2500 DATE : 9/20/90
SURVEY BY : TW NTS :
FILE: SSRDN1
FIG. 12 NORANDA EXPLORATION

Vers. 5.00 Mon 15 Oct 1990 at 15:49 Normal Profile Centre of plot at 8275.0E/10750.0N Serial # S89140, Registered User : NORANDA EXPLORATION



GEOLOGICAL BRANCH ASSESSMENT REPORT

20,769

Contour Interval : 6, 10, 20, 40 ppm
(+20 deg. Bias)

100m 50m 0m 100m 200m

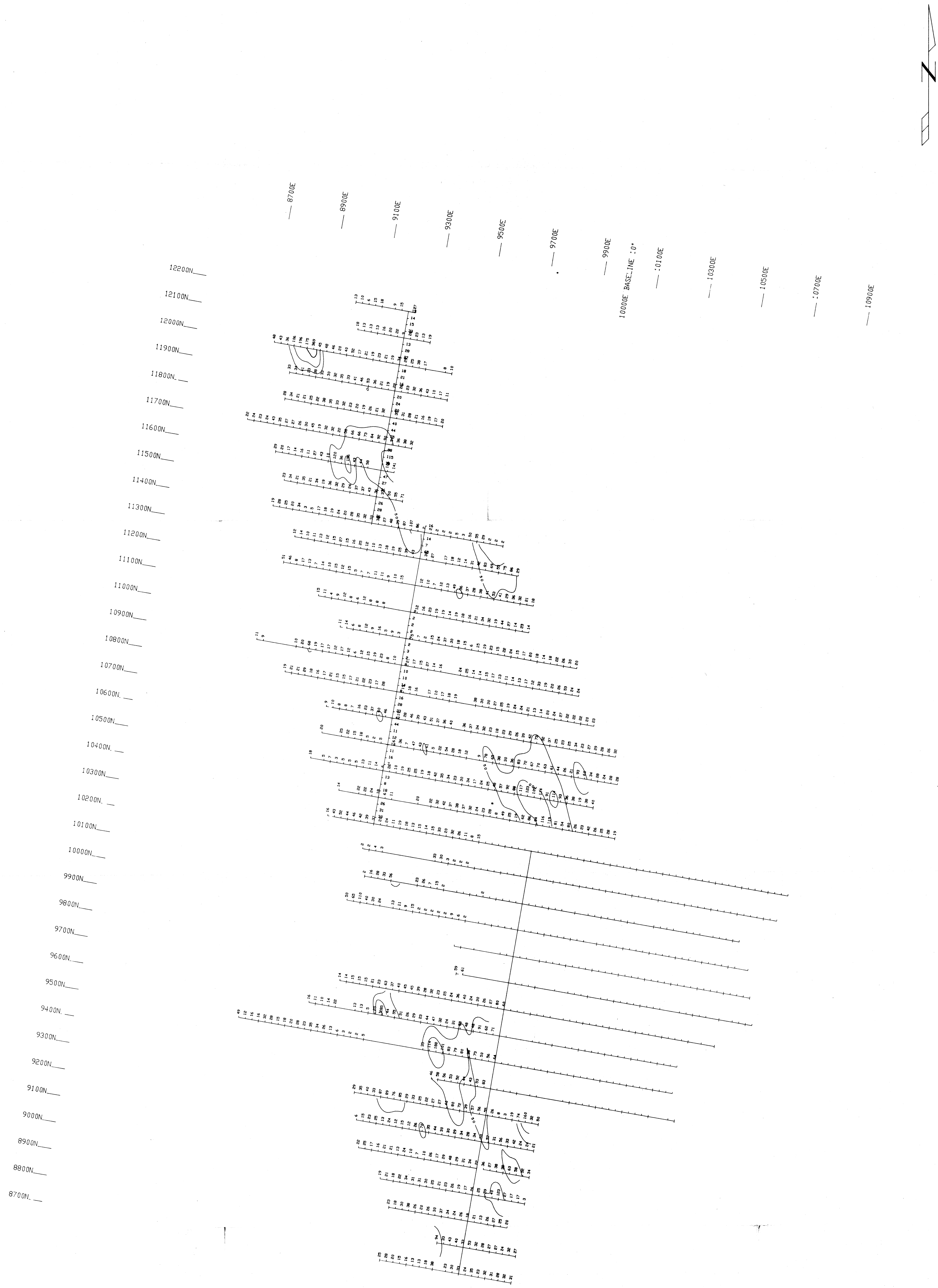
RDN

SOIL GEOCHEMICAL SURVEY
PPM Sb
PROJECT: RDN GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 5000 DATE : / /
SURVEY BY : M SAVELL NTS : 104G02
FILE: C296RDN

FIG. 11 **NORANDA EXPLORATION**

noranda
NORANDA EXPLORATION CO. LTD.



GEOLOGICAL BRANCH ASSESSMENT REPORT

20,769

Contour Interval : 50, 100, 200 ppm
(+20 deg. Bias)

100m 50m 0m 100m 200m

RDN

SOIL GEOCHEMICAL SURVEY

PPM As

PROJECT: RDN GOZ PROJECT # : 296

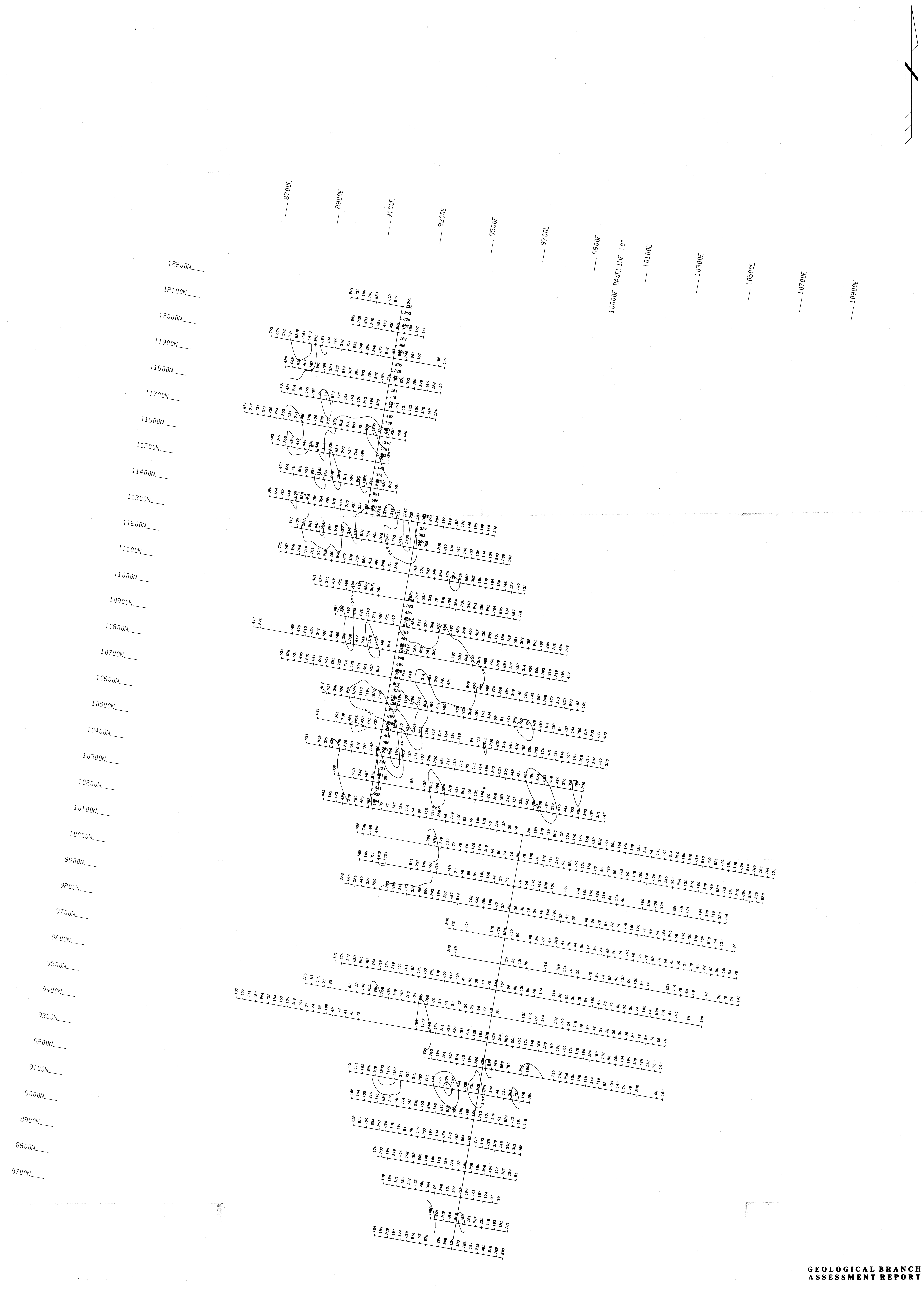
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 5000 DATE : / /

SURVEY BY : M SAVELL NTS : 104G02

FILE: C296RDN

FIG. 10 **NORANDA EXPLORATION**



GEOLOGICAL BRANCH ASSESSMENT REPORT

20,769

Contour Interval : 500, 1000, 2000 ppm
(+20 deg. Bias)

RDN

SOIL GEOCHEMICAL SURVEY

PPM Zn

PROJECT: RDN GOZ PROJECT # : 296

BASELINE AZIMUTH : 10 Deg.

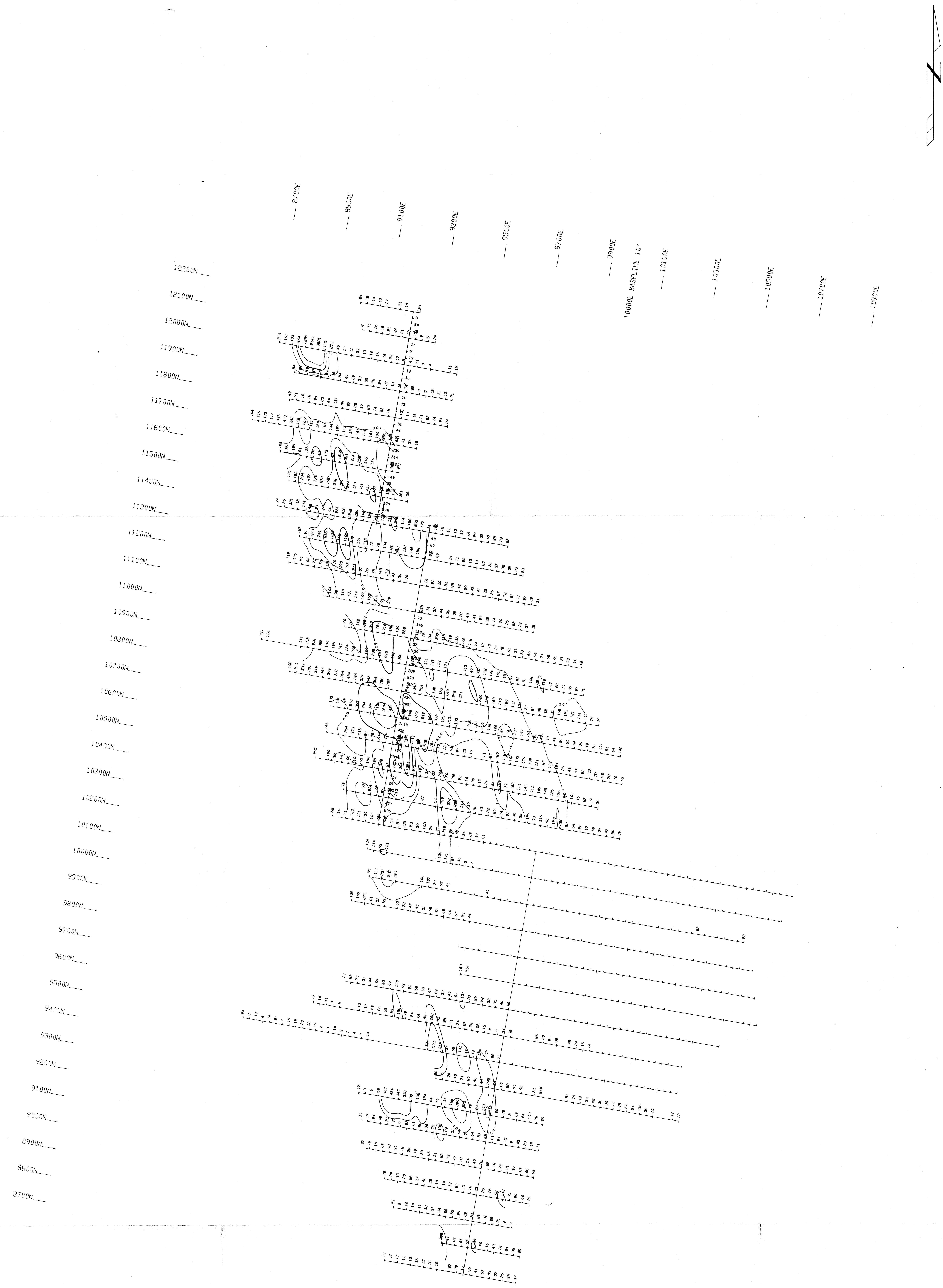
SCALE = 1: 5000 DATE : / /

SURVEY BY : M SAVELL NTS : 104G02

FILE: C296RDN

FIG. 9 NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,769

Contour Interval : 100, 200, 500, 1000 ppm
(+20 deg. Bias)

100m 50m 0m 100m 200m

RDN

SOIL GEOCHEMICAL SURVEY

PPM Pb

PROJECT: RDN GOZ PROJECT # : 296

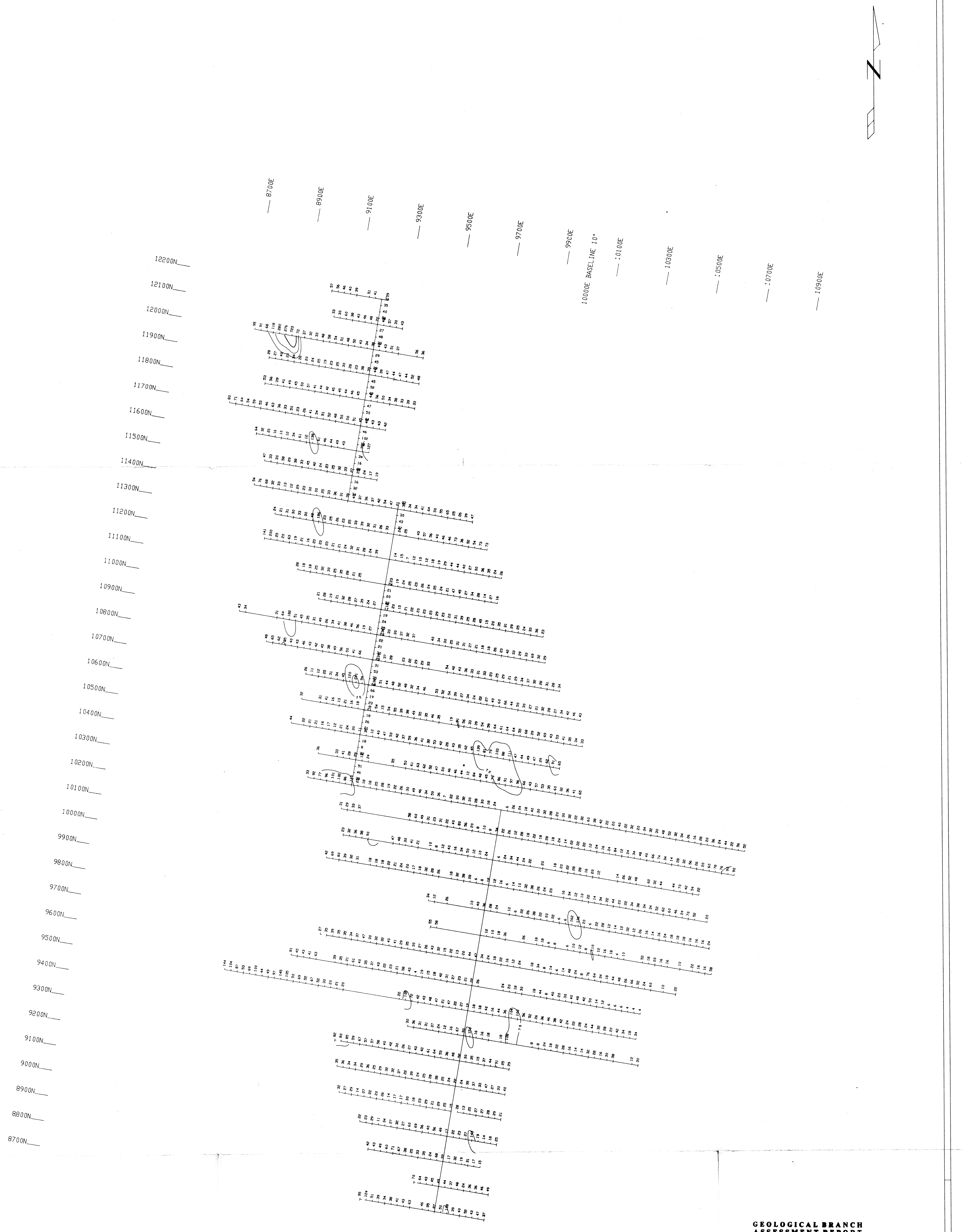
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 5000 DATE : / /

SURVEY BY : M SAVELL NTS : 104G02

FILE: C296RDN

FIG. 8 **NORANDA EXPLORATION**



GEOLOGICAL BRANCH ASSESSMENT REPORT

20,769

Contour Interval : 75, 150, 300, 600 ppm
(+20 deg. Bias)

100m 50m 0m 100m 200m

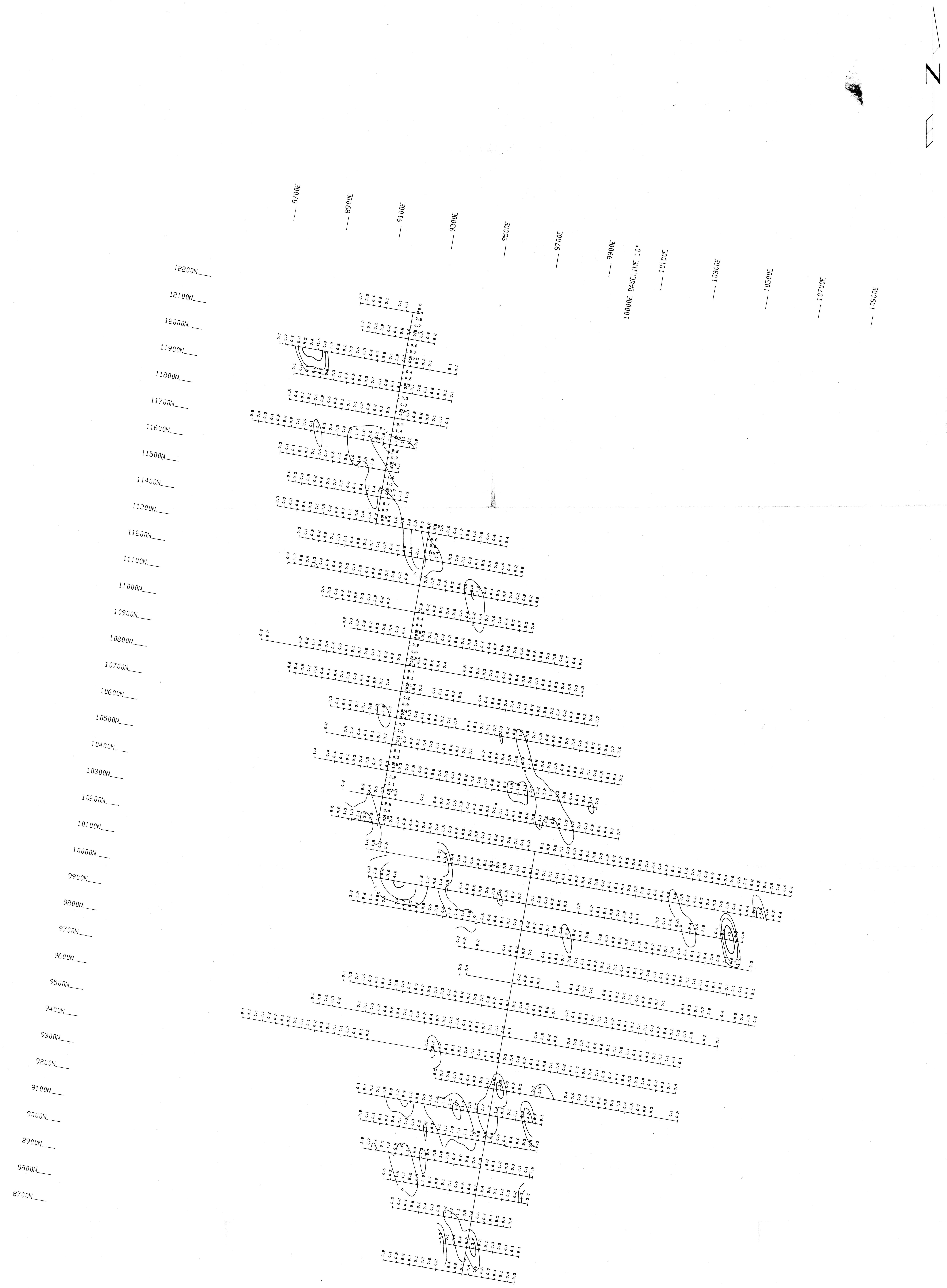
RDN

SOIL GEOCHEMICAL SURVEY
PPM Cu
PROJECT: RDN GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 5000 DATE : / /
SURVEY BY : M SAVELL NTS : 104G02
FILE: C296RDN

FIG. 7 **NORANDA EXPLORATION**

noranda
NORANDA EXPLORATION CO. LTD.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769

Contour Interval : 1.0, 2.0, 5.0, 10.0 ppm
(+20 deg. Bias)

100m 50m 0m 100m 200m

RDN

SOIL GEOCHEMICAL SURVEY
PPM Ag
PROJECT: RDN GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 5000 DATE : / /
SURVEY BY : M SAVELL NTS : 104G02
FILE: C296RDN

FIG. 6 ANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,769

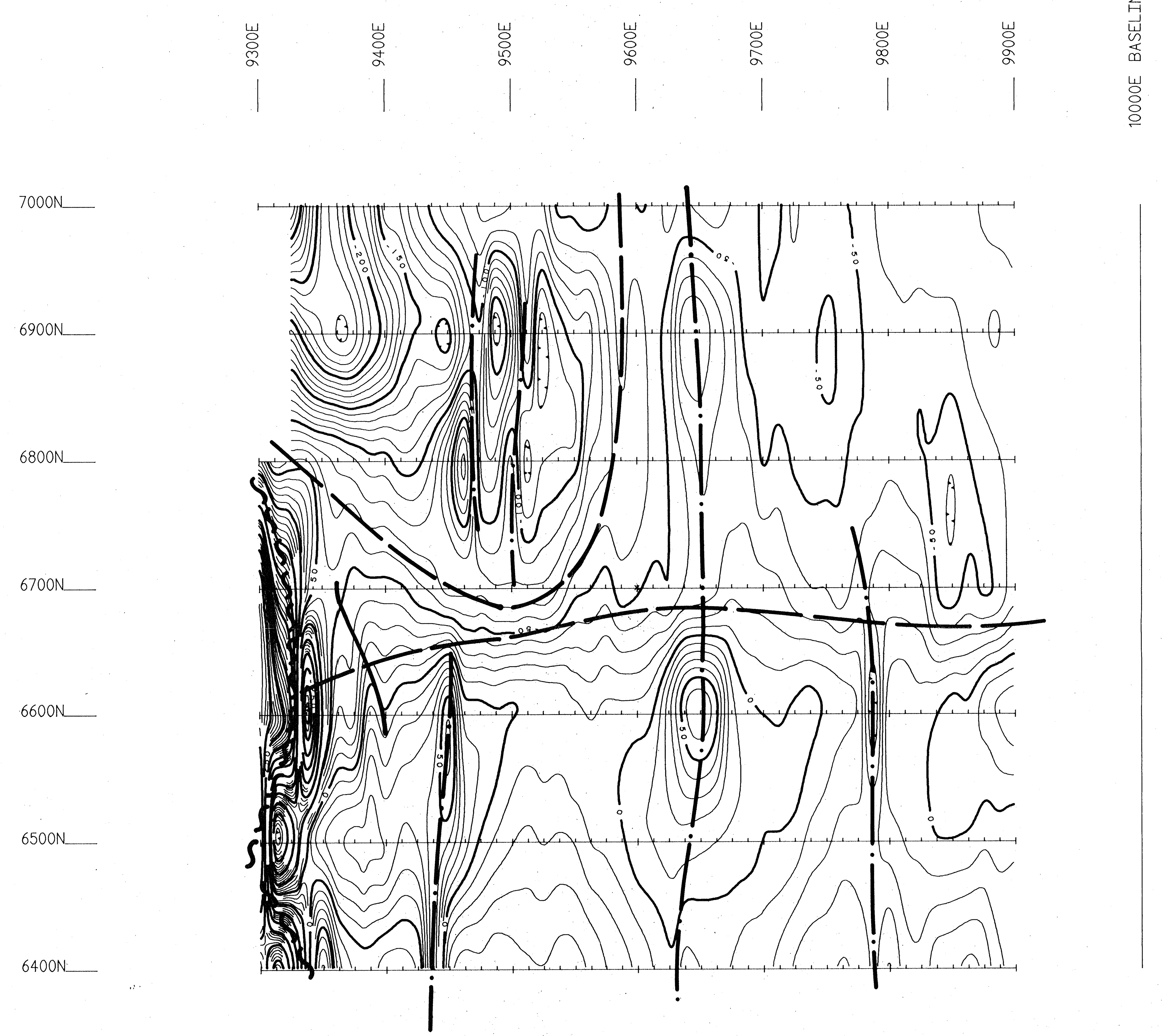
RDN

SOIL GEOCHEMICAL SURVEY
PPB Au
PROJECT: RDN GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1: 5000 DATE : / /
SURVEY BY : M SAVELL NTS : 104G02
FILE: C296RDN

FIG. 5 NORANDA EXPLORATION


REVISED
RDN – GOZ
GEOLOGY MAP
MAIN GRID
PROJ. No. 296
N.T.S. 104 B/15, G/2
DWG. No.
FIG. 4
SURVEY BY: M.S.
DATE: AUG. 1990
DRAWN BY: P.J.L.
SCALE: 1:2,500
NORANDA EXPLORATION
OFFICE: PRINCE GEORGE, B.C.
0 50 100 150 200 metres
SCALE 1:2,500
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,769
LEGEND
Geology
Tertiary
10 Pale grey, cherty felsite
Lower-Mid Jurassic
9 Dark green to brown, foliated and sheared diorite and gabbro
"Eskay Creek Facies"
8
8a dark green to brown, dacite to andesitic pillows, and tuffs
8b breccia
7
7a dark grey to black siltstone and argillite
7b rare limestone
7c minor sandstone
"Mt. Dilworth Formation"
6 Grey, pyritic, feldspar-quartz porphyry
5
5a pale green, grey, brown rhyolite crystal-vitric tuff
5b feldspar-phyric rhyolite
5c minor aphyric flows
5d minor Fe-carb rich felsite dykes
Upper Triassic
4 Green massive to well bedded tuff
4a tuffaceous wacke and argillite
4b minor limestone
Lower Permian
3 Black phyllitic shales, siltstones and cherts
2 Grey-green, phyllitic to schistose plagioclase porphyry volcanics and silstone, wacke
1 Dark green, foliated hornblende quartz diorite
L 12,200 N
L 12,100 N
L 12,000 N
L 11,900 N
L 11,800 N
L 11,700 N
L 11,600 N
L 11,500 N
L 11,400 N
L 11,300 N
L 11,200 N
L 11,100 N
L 11,000 N
L 10,900 N
L 10,800 N
L 10,700 N
L 10,600 N
L 10,500 N
L 10,400 N
L 10,300 N
L 10,200 N
L 10,100 N
L 10,000 N
L 9,900 N
L 9,800 N
L 9,700 N
WATERFALL ZONE
WEDGE ZONE
BUFF ZONE
LOWER SADDLE ZONE
UPPER SADDLE ZONE
GOSSAN CREEK ZONE
Gossan Creek
Creek
FOREST KERR FAULT
8,500 E
8,600 E
8,700 E
8,800 E
8,900 E
9,000 E
9,100 E
9,200 E
9,300 E
9,400 E
9,500 E
9,600 E
9,700 E
9,800 E
9,900 E
10,000 E
10,100 E
10,200 E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,769

Magnetic Lineament

Magnetic Contact

Magnetic Break

Conductor Edge

Instrument :
Field : TOTAL
Datum : 57000.0 nT

Contour Interval :

Conductor Axis :

50m 25m 0m 50m 100m

TARGET 7

MAGNETOMETER SURVEY

PROJECT: RDN-GOZ PROJECT # : 296
BASELINE AZIMUTH : 10 Deg.

SCALE = 1 : 2500 DATE : 9/30/90
SURVEY BY : NTS :
FILE: Mtar7

FIG. 20 NORANDA EXPLORATION

Vers. 5.01 Mon 15 Oct 1990 at 11:39 Centre of plot at 9600.0E/6700.0N Serial # M89140 Registered User : NORANDA EXPLORATION