

REPORT OF WORK
SOIL GEOCHEMISTRY AND
DIAMOND DRILLING ON THE
BC 1, BC 2, BC 3, AND ZINC 1-6 MINERAL CLAIMS
OF THE
BOWLER CREEK CLAIM GROUP
KAMLOOPS MINING DIVISION
N.T.S. 82M/3W, 4E
82L/13W, 14E

Longitude 51°00' North
Latitude 119°30' West

10/86
FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,681

Owner : Killick Gold Company Limited

Operator: Noranda Exploration Company, Limited (no personal liability)

Authors : G. Shevchenko
L. Demzucuk

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1.0 INTRODUCTION

The BC-1, BC-2, BC-3 and Zinc 1-6 mineral claims are part of the Bowler Creek group which is owned by Killick Gold Company Limited (Orell Resources) and operated by Noranda Exploration Company, Limited (no personal liability).

Exploration was conducted on the mineral claims from July 15, 1985 to November 20, 1985 and consisted of 8.6 kilometers of flagged line, 342 soil samples (analyzed for Cu, Pb, Zn, Ag and Au) and 4 diamond drill holes totalling 214.6 metres. Due to mechanical difficulties and extreme weather conditions diamond drill holes Harry-2 and 3-85 were completed after October 4, 1985.

The work and results outlined in this report are intended to fulfill the assessment requirements for the BC-1, BC-2, BC-3 and Zinc 1-6 mineral claims.

1.1 Location and Access

The BC 1 to 3 and Zinc 1 to 6 group of mineral claims are located on the eastern edge of the Adams Plateau, north of Shuswap Lake and are shown on N.T.S. 82M/3W, 4E and 82L/13W, 14E (Figure 1). They are accessible by a good logging road from the north side of Shuswap Lake. The logging road leaves Shuswap Lake 1.5 km east of the Adams River bridge.

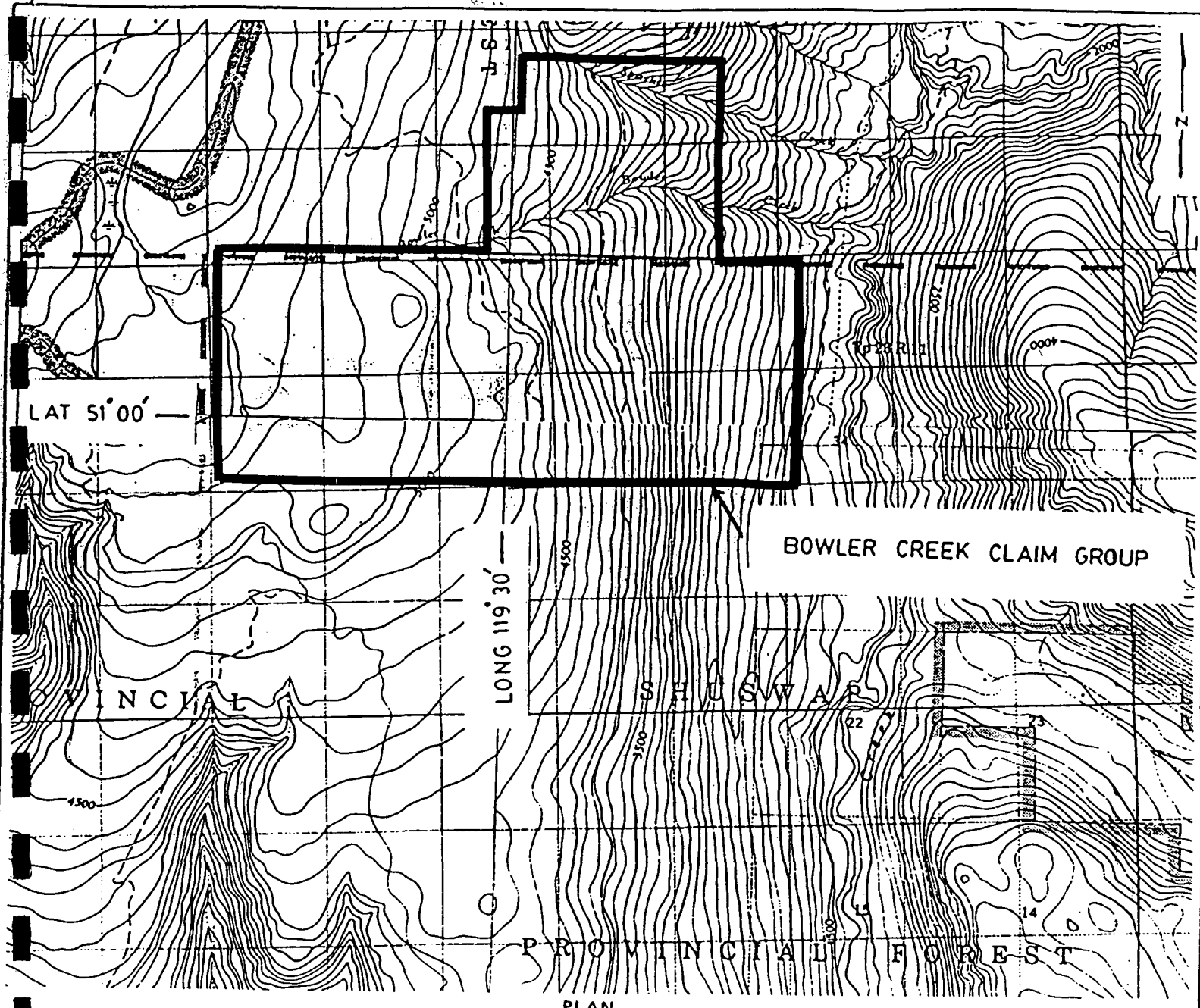
1.2 Topography and Physiography

The claim group is situated on gently sloping to steep terrain between elevations 1000 meters and 1500 meters in headwaters of Bowler and Sparkle Creeks.

The plateau is partly logged and consists of replanted second growth, and mature stands of spruce, balsam and pine. The forest underbrush is moderately open to thick.

1.3 Previous Work

Pyrite, pyrrhotite and magnetite showings have been known on the property for many years. Plateau Metals worked on these claims early in the 1950's. Various surveys, trenching, stripping and drilling was done by Giant Metallics and others in the '60's. In 1976, Craigmont Mines Ltd. optioned the property from Orell Copper Mines Ltd. and geochemical, magnetic, electromagnetic surveys and 503 meters of diamond drilling was completed in 1977. The property was optioned to Noranda Exploration Company, Limited by Killick Gold Company Limited in 1984 and airborne geophysics, geological mapping, geochemical magnetic, electromagnetic surveys and 215 meters of diamond drilling was completed by the end of 1985.



PLAN

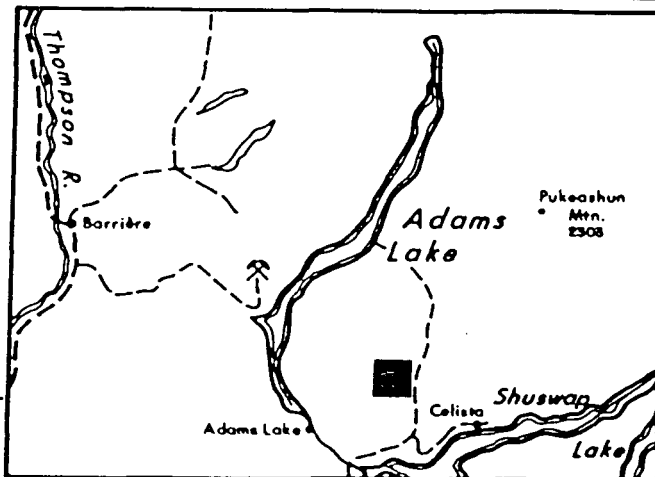
Indicate claim boundaries, permanent watercourses, access road and distance to nearest town, proposed surface disturbances including roads, test pits, trenches, portals, drill sites, and camp sites.

SCALE 1:50 000

LOCATION MAP

Show nearest town and access road.

SCALE 1:1,000,000



1.4 Owner - Operator

The BC 1-3 and Zinc 1-6 claims are on option from:

Killick Gold Company Limited
Suite 502 - 1315 Broughton,
Vancouver, B.C.

TO:

Noranda Exploration Company, Limited
(no personal liability)
P.O. Box 2380,
Vancouver, B.C.
V6B 3T5

1.5 Summary of Work Done

Drilling

A total of 4 holes were drilled for 214.6 meters, 2 of them (154.2 m) of NQ sized diamond drill core and 2 (60.4 m) of YAWS sized diamond drill core.

Geochemistry

A total of 8.6 kilometers of flagged line was established and 342 soil samples taken on two grids. The soil samples were analyzed for parts per billion (ppb) gold (Au), parts per million (ppm) silver (Ag), copper (Cu), lead (Pb) and zinc (Zn).

2.0 GEOLOGY

2.1 Regional Geology

The property lies within the Devonian-Mississippian Eagle Bay Formation which is bounded by the Shuswap Metamorphic Complex to the east and the Fennel Formation to the west.

The Eagle Bay Formation represents a eugeosynclinal assemblage of high energy, proximal volcano-clastic rocks. Due to rapid lateral facies changes and discontinuity of units little is known about stratigraphy.

Previous workers (Fyson, 1970; Campbell and Okulitch, 1973; Preto, 1977) have reported four phases of mesoscopic structures in rocks of the Eagle Bay Formation. The present work confirms this complex array of structures. Earliest recognizable folds are generally tight, isoclinal mesoscopic structures with recumbent axial planes which are parallel to the schistosity and to the compositional layering of the various rock units. These structures usually have gentle to moderate plunges and trend anywhere from northwesterly to northeasterly. Although it is suspected that these folds may be related to larger nappe-like structures, none of these have yet been identified and only medium-scale structures a few hundred metres in maximum dimension, probably belonging to this generation, can be inferred by attempting to trace some

local markers. A later phase of folds clearly warps the schistosity and has axes parallel to a pronounced and widespread crenulation lineation. These structures have been observed to range from a few centimetres to several scores of metres in maximum dimension and have generally upright axial planes parallel to a pronounced crenulation cleavage. Fold axes have gentle easterly and westerly plunges along Adams Lake and moderate northerly to northwesterly plunges in the rest of the map-area. Later broad northerly to northeasterly trending warps, kinks, and faults have been observed throughout the map area and are commonly followed by post-tectonic granitic dykes.

2.2 Property Geology

The BC 1-3 and Zinc 1-6 mineral claims are underlain by metamorphosed, volcanic and sedimentary rocks of Eagle Bay Formation.

The rocks are comprised of andesite and rhyolite flows and tuffs intercalated with sediments (argillite, sandstone, greywacke, calcareous argillite, fragmentary limestone).

Structurally the rocks trend northeast and dip moderately to the north and northwest. The F_2 phase of folding, which is the most easily observed, warps the schistosity into open to tight east-west trending folds.

Later stage quartz-feldspar-porphyry dykes and mafic dykes cross-cut all units.

2.3 Mineralization

Sulfide zones occur within the andesites and sediments and are in close proximity to their mutual contact.

Most mineralization occurs in lense-like bodies that continue for several 100's of metres. Pyrrhotite and magnetite are the dominant constituents but sphalerite and galena are present in very fine-grained form.

True thickness of these bodies appear to range up to a maximum of 1 - 1.5 metres.

Good sphalerite mineralization occurs in the China Creek area associated with silicification and epidotization. Grades to 15-20% Zn occur in these rocks.

All sulfide zones are associated with abundant silicification and pyrrhotitization.

Sulfide zones appear conformable, have a NE-SW or E-W orientation and dip moderately to shallow in a NW direction.

Locally, sulfide bodies are larger in hinges of F_2 folds.

Arsenopyrite occurs locally in one sulfide zone hosted in sediments but is not extensive.

3.0 SOIL GEOCHEMISTRY

In the summer of 1984 the Dick and Harry Grids were established on the Bowler Creek claim group. Soil sampling was conducted at a line spacing of two hundred metres with a sample interval of 25 metres. The programme outlined coincident lead-silver and lead-zinc-silver open anomalies on the western end of the Harry and Dick grids respectively. In order to close-off and better define these anomalies lines were established at a fifty metre spacing and both grids were extended two hundred metres towards grid west. The sample interval remained at twenty-five metres. It is this detailed soil sampling programme that is outlined in this report.

A total of 8.6 kilometers of flagged line was established along with 342 soil samples taken on the two grids during the 1985 field season.

The soil samples were analyzed for parts per million (ppm) copper (Cu), lead (Pb), zinc (Zn), silver (Ag) and parts per billion (ppb) gold (Au) at the Noranda Exploration Company, Limited laboratory situated at 1050 Davie Street, Vancouver, B.C.

The results are presented in Appendix I as well as plotted on Drawings #3 through #11 inclusive at a scale of 1:2,500.

There is not a "Dick Grid Contoured Soil Geochemistry Map" for gold as the values do not exceed 10 ppb, however, the values may be viewed on Drawing #8.

Lines 100+00E, 98+00E and 96+00E of the Dick Grid and Lines 84+00E and 82+00E of the Harry Grid constitute results from the 1984 field season and are included in this report in order to maintain continuity.

3.1 Soil Sampling Method

Soil samples were obtained by digging holes with a shovel to a depth of 15 to 30 cm. Wherever possible, B-horizons were sampled and placed in "Hi-Wet Strength Kraft 3 1/2" x 6 1/8" Open End" envelopes. Sample numbers were marked on the envelopes with a permanent ink felt marker.

3.2 Laboratory Analytical Methods

The soil samples were dried at approximately 80°C and then sieved with a -80 mesh nylon screen. The -80 mesh (0.81 mm) fraction is then used for geochemical analysis.

Ag, Cu, Pb and Zn: 0.200 grams of -80 mesh material is digested in concentrated perchloric acid and nitric acid (3:1 at reflux temperature for 5.0 hours. A Varian-Techtron Model AA-5 or AA-475 Atomic Absorption Spectrophotometer is then used to determine the parts per million (ppm) silver, copper, lead, and zinc in each sample.

Gold - Au: 10.0 g sample is digested with aqua regia (1 part nitric acid and 3 parts hydrochloric acid). Gold is extracted with MIBK from the aqueous solution. AA is used to determine Au.

3.3 Discussion of Geochemistry Results

The threshold - anomalous intervals are outlined as follows:

Element	Threshold (ppm)	Anomalous (ppm)	Very Anomalous (ppm)
---------	-----------------	-----------------	----------------------

Dick Grid

Au	N/A	N/A	N/A
Ag	1.5 to 3.0	3.1 to 5.0	Greater than 5.0
Cu	50 to 150	Greater than 150	N/A
Pb	50 to 100	101 to 200	Greater than 200
Zn	200 to 400	401 to 600	Greater than 600

Harry Grid

Au	50 to 200 ppb	N/A	N/A
Ag	1.0 to 2.0	2.1 to 4.0	Greater than 4.0
Cu	50 to 150	N/A	N/A
Pb	50 to 100	101 to 200	Greater than 200
Zn	200 to 400	401 to 600	Greater than 600

3.3.1 Harry Grid

Gold: (Drawing #3) The gold-in-soil values are 10 ppb with one sample of 120 ppb occurring on line 83+50E station 113+50N. This anomalous sample is an isolated occurrence and due to its relatively low value is considered insignificant.

Silver: (Drawing #4) The silver values range from 0.2 to 2.4 ppm and produce a main threshold anomaly with a strike length of 500 meters and widths of up to 200 meters. This threshold zone which strikes north northeast, contains four single station marginally anomalous zones. Small, insignificant threshold anomalies occur sporadically outside of this main anomaly.

In summary, the silver values are low but outline a zone with a good metallogenic trend.

Copper: (Drawing #5) The copper values, which are generally unimpressive, range from 8 to 92 ppm with one value at 140 ppm.

The main anomaly produced, trends north northeast for 300 metres, ranges up to 75 meters in width and is coincident with the main silver anomaly.

Peripheral to this main anomaly are several small sporadically occurring zones with little or no metallogenic trend.

Lead: (Drawing #6) For the most part the lead values range from 2 to 74 ppm with one anomalous value at 130 ppm.

The only zone with any sort of metallogenic trend is located in the central part of the grid between Lines 81+50E and 84+00E. The threshold zone measures 350 metres by 80 metres, trends north northeast and is semi-coincident with the silver-in-soil anomaly.

Zinc: (Drawing #7) The zinc-in-soil values, which range from 14 to 280 ppm, produce sporadically occurring threshold zones with no metallogenic trend.

3.3.2 Dick Grid

Gold: The gold values do not exceed 10 ppb and warrants no further discussion.

Silver: (Drawing #8) The silver-in-soil values range from 0.2 to 10.0 ppm and produce a well zoned anomaly 650 meters long by 50 to 150 meters in width. Within this threshold anomaly four separate anomalous to very anomalous zones occur.

A secondary anomaly 175 meters long by 80 meters wide occurs 120 meters west of the main anomalies.

Both of these silver zones are coincident with lead, zinc and some copper.

Copper: (Drawing #9) The copper-in-soil values range from 8 to 220 ppm and produce numerous isolated anomalies with the most continuous zones occurring in the eastern portion of the grid. Although the anomalies outline metallogenic trends, the values are low and hence of little consequence.

Lead: (Drawing #10) The lead-in-soil values range from 6 to 1600 ppm and give rise to four anomalies, two of which indicate underlying north northeast metallogenic trends.

The main anomaly, located in the south central portion of the grid measures 425 meters long by up to 100 meters wide. This anomaly encompasses a well defined very anomalous linear zone 150 meters long.

The secondary anomaly located 80 meters to the west is 200 meters long by 80 meters wide and also encompasses a linear very anomalous zone 150 meters in length.

Both of these zones are coincident with silver and zinc soil anomalies.

Zinc: (Drawing #11) The zinc-in-soil values range from 18 to 1100 ppm and define two areas of underlying metallogenic trends. The anomalies have similar strike lengths as their coincident lead and silver counterparts, but are narrower. The very anomalous zones are restricted to single stations.

The "very anomalous" zone with coordinates 96+00E, 109+75N is a single station anomaly and is considered unimportant due to its local nature.

3.3.3 Summary

In summary, the soil geochemistry surveys on both grids have defined anomalies which trend north northeast and conform to the geology of the property.

In the case of the Harry Grid the soil anomaly is a weak silver zone with associated weak copper and lead values. The overall dimensions of the anomaly is 550 meters long by up to 150 meters wide.

The soil values on the Dick Grid have produced two well zoned coincident silver, lead, zinc anomalies. The larger zone, located in the central portion of the grid between lines 94+00E and 99+50E, is a much stronger anomaly (up to 10 ppm Ag, 1600 ppm Pb, 600 ppm Zn) than its weaker (up to 4.4 ppm Ag, 430 ppm Pb, 670 ppm Zn) smaller counterpart to the west. Both anomalies however, indicate good underlying metallogenic trends.

4.0 DRILLING

Airborne E.M. geophysical surveys and land geological, geochemical, geophysical surveys preceded the present drill programme.

Diamond drilling was used to test geochemical anomalies and mineralized zones on surface (DDH Dick-1-85) and two geophysical conductors having semi-coincident geochemical anomalies (DDH Harry 1, 2, 3-85). The DDH Dick-1-85, collared on Dick Grid at Line 109+25N, 96+00E was drilled at a bearing of 147° with a dip of -48° for 40.23 m and encountered 2.6 metres of overburden before hitting bedrock.

The diamond drill holes Harry-1-85 and Harry-2-85 were virtually collared from the same spot on the Harry Grid. DDH Harry-1-85 was collared on Line 117+35N by 98+00E at a bearing of 148° with a dip of -48° for a depth of 20.12 m. Due to mechanical problems this hole was not completed and a second drill was brought in to finish the work. Hence DDH Harry-2-85 is located only 5 metres away from DDH Harry-1-85. This second drill hole was collared on Line 117+40N by 98+00E at a bearing of 148° with a dip of -45° for a depth of 76.20 metres. The final drill hole, Harry-3-85 was collared on Line 116+30N by 96+00E at a bearing of 138° with a dip of -45° and it extended to a depth of 78.03 metres.

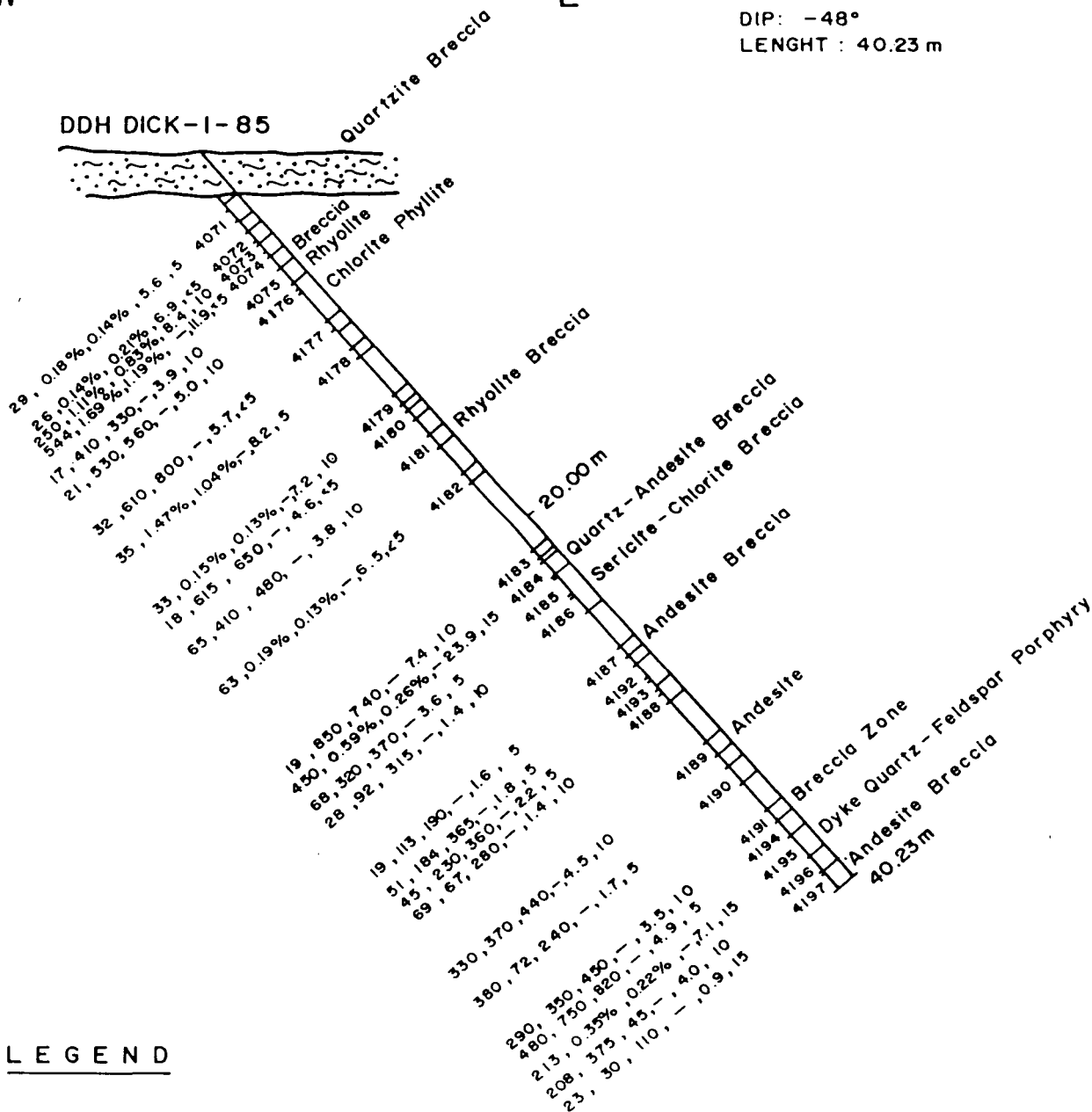
All three diamond drill holes on the Harry Grid tested a narrow HLEM conductor with coincident magnetic/soil geochemical anomalies. The soil values in the area range from 200 to 800 ppm zinc, 100 to 200 ppm lead and 0.5 to 0.8 ppm silver.

W

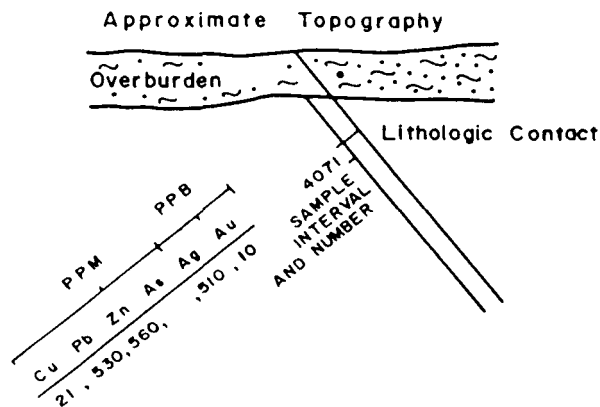
E

109 + 25 N
96 + 00 E
Az. 147°
DIP: -48°
LENGTH : 40.23 m

DDH DICK-1-85



LEGEND



REVISED	KILLICK OPTION	
	DICK GRID	
	DDH DICK - 1 - 85	
PROJ. No. 425	SURVEY BY: L. Demczuk	DATE: Dec. 1985
N.T.S. 82M	DRAWN BY: J. Serwin	SCALE: 1: 270
DWG. No. 12	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

DDH-DICK-1-85

DDH Dick-1-85 was completed on September 24, 1985. Five rock types are recognized in this hole. The first rock encountered downhole is quartzite breccia with rhyolite fragments and pyrite, sphalerite galena mineralization up to 5%. The second rock encountered is a light grey to greenish lepidoclastic chloritic phyllite with pyrite, chalcopyrite, sphalerite and galena mineralization up to 10%. The rock shows minor folding and is slightly foliated. Next is a brecciated rhyolite flow which has been cut by several quartz-carbonate veins containing minor galena, sphalerite, pyrite up to 8-10%. Below this unit is an andesite flow occasionally brecciated and highly chlorite and sericite altered. This rock is also sulphide poor. The lower unit is a quartz-feldspar porphyry dyke very massive with vein type mineralization of pyrite, chalcopyrite, galena, sphalerite.

Using split core procedures, a total of 27 check samples were taken and analyzed for copper (Cu), lead (Pb), zinc (Zn), silver (Ag), arsenic (As) and gold (Au). Sample lengths were dependent upon, lithological, mineralogical and alteration boundaries.

The most favourable mineralization occurs in the upper three units with analytical values ranging from 0.14 to 1.19% Zn, 0.14 to 1.69% Pb, 17 to 544 ppm Cu, 3.8 to 11.9 ppm Ag and less than 5 to 10 ppb Au. These results adequately explain the anomalous soil samples taken in the vicinity of the drill hole.

DDH HARRY 1 and 2-85

As explained above DDH Harry-1-85 was not completed and DDH Harry-2-85 was collared at virtually the same location with the same attitude. Hence, only DDH Harry-2-85 is described below, however, the drill log for the first hole may be viewed in Appendix II.

At the end of the casing, 4.26 meters downhole, a medium grey, massive, porphyritic dacite flow was encountered. At 10.40 it is brecciated and is filled with quartz, feldspar and mineralized by pyrrhotite, pyrite, chalcopyrite and occasionally sphalerite (up to 10%). It then grades into a dacite tuff with increasing amounts of sulphides (up to 15%). A quartzite unit is present from 21.62 to 23.07 metres and is underlain by an andesite tuff that is dark green and streaked with quartz lenses and veins. At 31.0 metres the andesite unit is brecciated and cut off by a narrow rhyolite flow. The highly mineralized zone extends from 37.5 metres to 54.0 metres and is hosted by a dacite tuff and breccia. The sulphides, which range up to 50% and occasionally 70% to 90%, are comprised of pyrrhotite, pyrite, chalcopyrite and some sphalerite. Below the mineralized zone is a dacitic phyllite with up to 5% pyrite occurring in discontinuous conformable layers.

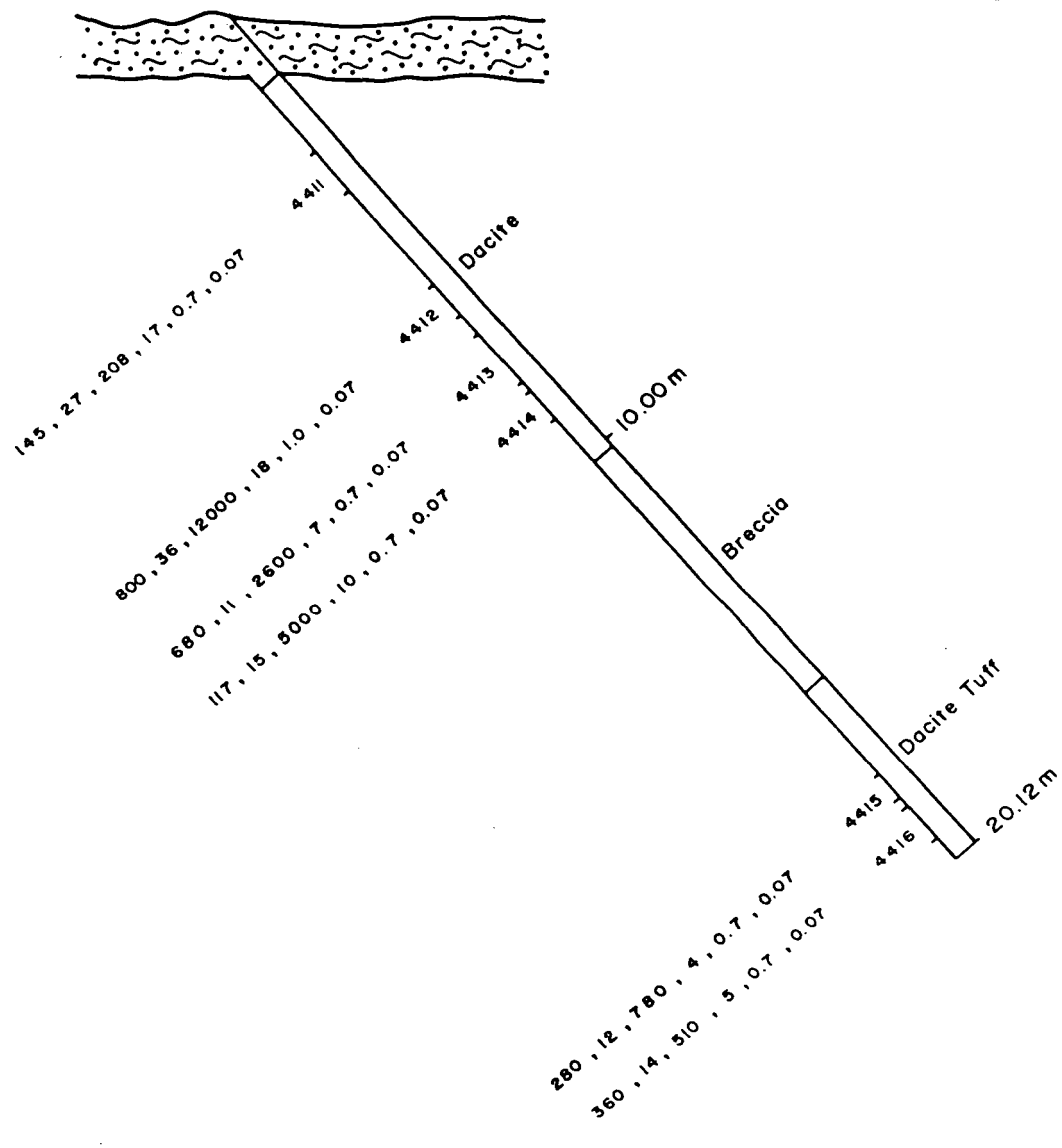
The mineralized zone that was encountered adequately explains the coincident geophysics/soil geochem anomaly.

W

E

117 + 35 N
98 + 00 E
Az. 148°
DIP - 48°
LENGHT - 20.12m

DDH HARRY - 1 - 85



Approximate Topography
Overburden
Lithologic Contact

PPM GMT
Cu Pb Zn As Ag Au
145, 27, 208, 17, 0.7, 0.07

4411
SAMPLE
INTERVAL
AND NUMBER

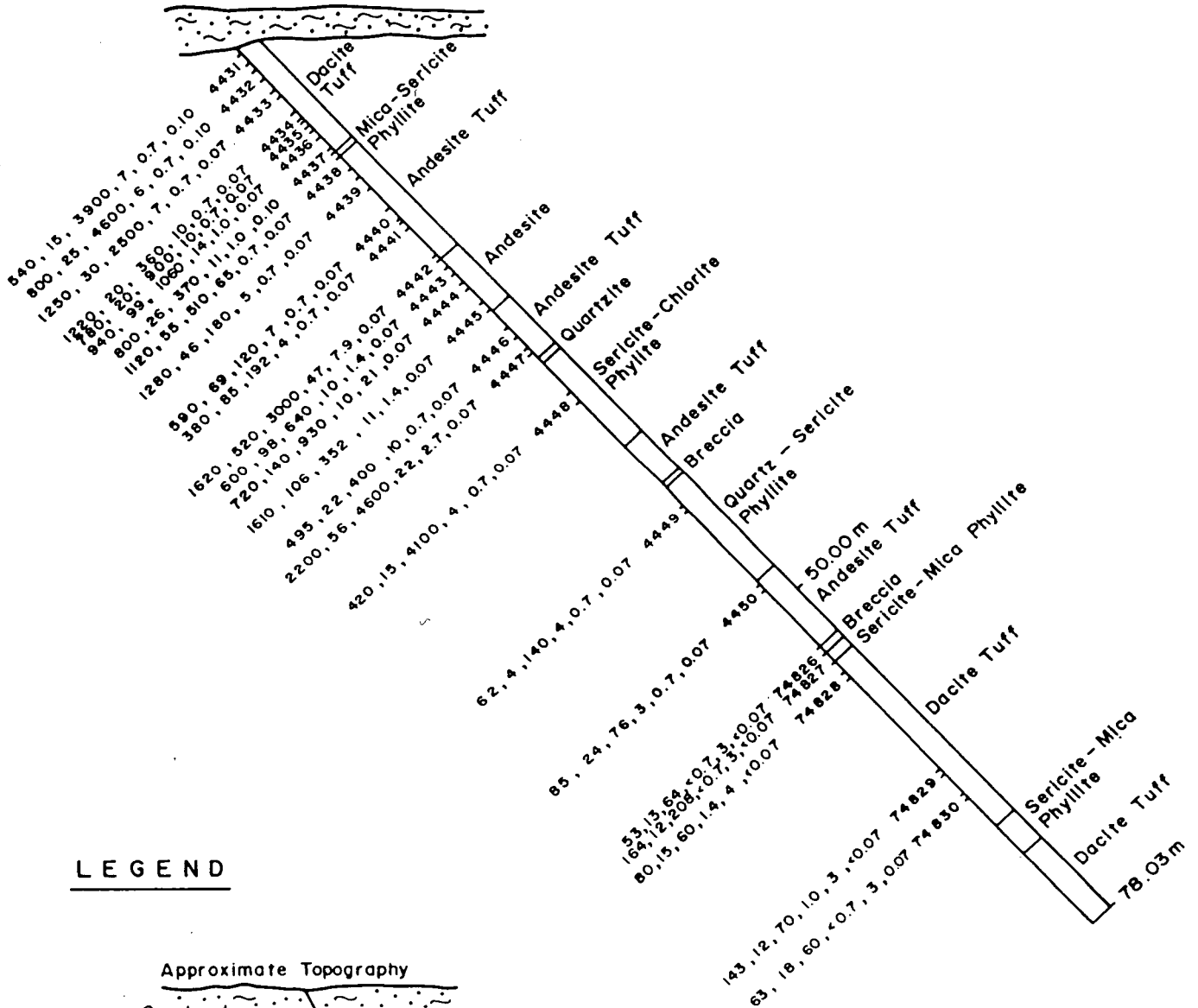
REVISED	KILLICK OPTION	
	HARRY GRID	
	DDH HARRY - 1 - 85	
PROJ No. 425	SURVEY BY: L. Demczuk	DATE: Dec. 1985
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1:135
DWG. No. 13	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

W

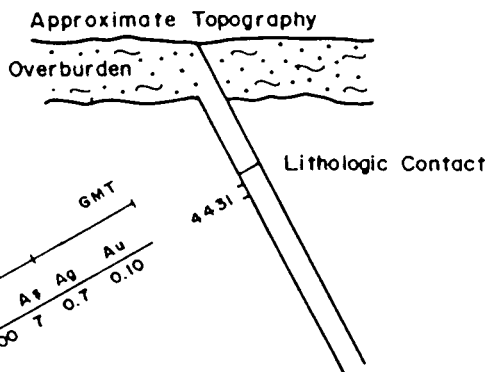
E

116 + 30 N
96 + 00 E
Az . 138°
DIP - 45°
LENGHT - 78.03 m

DDH HARRY-3-85



LEGEND



PPM	GMT
Cu 540	Pb 15
Zn 3900	Ag 7
	Au 0.7
	0.10

REVISED	KILLICK OPTION	
	HARRY GRID	
	DDH HARRY-3-85	
PROJ No 425	SURVEY BY: L. Demczuk	DATE: Dec. 1985
N.T.S. B2M	DRAWN BY: J. Serwin	SCALE: 1:400
DWG. No. 15	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

DDH HARRY-3-85

The first rock encountered downhole is a highly mineralized zone similar to that seen in DDH Harry-2-85 except that a brecciated andesite tuff is present as well as a dacite tuff with layers of phyllite. The mineralization (40 to 60%) includes minor pyrrhotite, pyrite, chalcopyrite and occasionally sphalerite and extends to a depth of 29.0 metres.

Below this high mineralized zone is a package of mixed phyllite, andesite tuff, dacite tuff, occasionally brecciated and intercalated with quartzite beds. These rocks show minor folding and are slightly foliated. Pyrite, pyrrhotite mineralization is present up to 10-20% as fine grained disseminations and narrow discontinuous layers parallel to bedding.

The hole was ended at 78.03 m.

The mineralization in the upper portion of the hole explains both the geophysics and geochemical anomalies.

The 84 check samples were taken from the core (4 holes) which were sampled by split core procedures. The core was split in half along the core axis with one-half being collected for analysis and the other half returned to the core box. All samples were analyzed for Cu, Pb, Zn, As, Ag and Au.

The core is presently stored on Mr. Barry R. Shaw's farm near Chase, B.C. and will be eventually returned to the property and stored in the bush near the drill holes.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The soil geochemistry programme has defined two main anomalies having significant north northeast metallogenic trends which conform to the strike of the underlying geology.

The anomaly on the Harry Grid is a weak silver zone with associated weak copper and lead values. This area should be followed up by conducting an HLEM and magnetometer survey. If the results of the geophysics programme are encouraging then a trenching programme is recommended.

The Dick Grid anomaly is a strong, well zoned coincident silver, lead, zinc zone with values ranging up to 10 ppm silver, 1600 ppm lead and 600 ppm zinc.

The diamond drill hole DDH-Dick-1-85 which was collared at 96+00E by 109+25N has intersected stockwork type sphalerite galena mineralization which adequately explains the above mentioned soil anomaly. Since the gold values in the drill core are negligible no further work is recommended.

The three diamond drill holes on the Harry Grid intersected highly mineralized zones (up to 60% of pyrrhotite, pyrite and chalcopyrite with minor sphalerite). These zones adequately explain the coincident geophysical/soil geochemical anomalies. Since gold values are negligible, no further work is recommended for this area.

6.0 BIBLIOGRAPHY

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Preto, V.A., MacLaren, G.P., and Schiarizza, P.A. (1980):

Barriere Lakes - Adams Plateau Area (82L/13E; 82M/4, 5W; 92P/1E, 8E), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1979, Paper 1980-1, pp 28-36.

APPENDIX I
SOIL GEOCHEMISTRY
LAB RESULTS

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: Killick Opt. 82 M/3 & 4
GCI 51357

CODE :8508-010

Project No. : 125 Sheet:1 of 7 Date rec'd:Aug. 1
Material : Soil Geol.:G.S. Date compl:Aug. 21
Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
71	80.00E-113.000N	32	98	32	0.2	10
72	113.250	58	84	48	0.2	10
73	113.500	26	74	16	0.2	10
74	113.750	26	78	24	0.2	10
75	114.000	42	140	38	0.2	10
76	114.250	52	140	38	0.8	10
77	114.500	74	260	60	1.2	10
78	114.750	48	160	48	0.4	10
79	115.000	34	110	32	0.6	10
80	115.250	68	150	44	2.4	10
81	115.500	40	96	38	0.2	10
82	115.750	42	140	48	0.4	10
83	116.000	66	170	72	0.2	10
84	116.250	30	130	36	0.8	10
85	116.500	26	80	32	0.8	10
86	116.750	20	74	22	0.2	10
87	117.000	30	94	38	0.2	10
88	117.250	24	68	26	0.8	10
89	117.500	38	82	36	0.4	10
90	117.750	28	66	30	0.6	10
91	118.000	24	54	20	1.2	10
92	118.250	30	72	30	0.2	10
93	118.500	32	86	32	0.6	10
94	118.750	58	240	62	0.6	10
95	80.00E-119.000N	66	280	58	1.0	10
96	80.50E-113.125N	40	78	24	0.2	10
97	113.375	20	56	26	0.2	10
98	113.625	18	54	16	0.2	10
99	80.50E-113.875N	34	82	32	1.2	10
100	CHECK NL-5	26	68	70	1.4	-
101	80.50E-114.125N	36	56	22	1.0	10
102	114.375	54	150	50	1.2	10
103	114.625	54	130	36	1.4	10
104	114.875	56	130	30	1.2	10
105	115.125	44	96	36	1.2	10
106	115.375	38	110	44	0.6	10
107	115.625	44	130	36	1.4	10
108	115.875	36	110	40	0.8	10
109	116.125	48	160	40	1.0	10
110	116.375	22	72	24	0.4	10
111	116.625	72	170	74	0.6	10
112	116.875	28	74	30	0.6	10
113	117.125	34	100	32	1.0	10
114	117.375	54	150	52	0.2	10
115	117.625	14	28	14	0.2	10
116	117.875	18	30	16	0.4	10
117	118.125	10	14	4	0.8	10
118	80.50E-118.375N	24	40	16	0.6	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	8508-010 Pg.2 of 7
119	80.50E-118.625N	24	62	24	1.0	10	
120	118.875	16	56	18	1.6	10	
121	80.50E-119.125N	18	42	12	0.6	10	
122	81.00E-113.000N	24	56	26	0.2	10	
123	113.250	28	68	28	0.4	10	
124	113.500	50	190	46	0.2	10	
125	113.750	26	82	12	0.4	10	
126	114.000	38	100	40	0.2	10	
127	114.250	72	86	26	1.4	10	
128	114.500	52	110	36	0.6	10	
129	114.750	42	96	34	0.8	10	
130	115.000	36	58	28	0.8	10	
131	115.250	46	86	32	1.4	10	
132	115.500	46	90	20	2.2	10	
133	115.750	36	140	36	1.0	10	
134	116.000	26	98	32	0.4	10	
135	116.250	36	130	36	0.6	10	
136	116.500	42	150	40	0.6	10	
137	116.750	38	190	40	0.4	10	
138	117.000	26	92	22	0.4	10	
139	117.250	26	72	26	0.2	10	
140	117.500	28	60	24	0.2	10	
141	117.750	28	72	24	0.2	10	
142	118.000	22	48	20	0.2	10	
143	118.250	26	28	22	0.6	10	
144	118.500	36	110	28	0.8	10	
145	118.750	20	60	22	0.8	10	
146	81.00E-119.000N	28	76	30	0.6	10	
147	81.50E-113.125N	12	20	2	0.2	10	
148	113.375	16	42	14	0.2	10	
149	81.50E-113.625N	46	180	70	0.4	10	
2	81.50E-114.125N	50	140	46	1.0	10	
3	114.375	62	130	30	0.6	10	
4	114.625	60	180	48	1.2	10	
5	114.875	74	190	68	2.2	10	
6	115.125	86	230	56	1.8	10	
7	115.375	42	150	50	1.2	10	
8	115.625	50	150	44	0.6	10	
9	115.875	32	92	34	0.6	10	
10	116.125	84	210	52	0.6	10	
11	116.375	52	160	34	0.8	10	
12	116.625	36	180	36	0.6	10	
13	116.875	36	170	34	1.0	10	
14	117.125	50	140	36	0.2	10	
15	117.375	28	78	30	0.2	10	
16	117.625	26	64	32	0.2	10	
17	117.875	28	72	26	0.2	10	
18	118.125	36	120	42	0.8	10	
19	118.375	14	28	1	0.4	10	
20	118.625	32	66	20	0.6	10	
21	118.875	34	140	38	0.6	10	
22	81.50E-119.125N	18	28	10	0.6	10	
23	81.75E-113.000N	34	92	28	2.2	10	
24	82.50E-113.250N	52	90	42	0.8	10	
25	113.500	32	180	36	0.8	10	
26	113.750	28	120	40	0.6	10	
27	82.50E-114.000N	24	94	36	0.2	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	8508-010 Pg. 3 of 7
28	82.50E-114.250N	26	98	30	0.2	10	
29	114.500	32	130	40	0.4	10	
30	114.750	42	160	58	0.2	10	
31	115.250	40	140	52	0.4	10	
32	115.500	54	160	56	0.6	10	
33	115.750	52	190	70	0.4	10	
34	116.000	56	78	28	2.2	10	
35	116.250	58	78	40	1.6	10	
36	116.500	40	150	44	0.8	10	
37	116.750	28	110	34	0.6	10	
38	117.000	26	64	26	0.4	10	
39	117.250	24	92	26	0.4	10	
40	117.500	34	120	38	0.2	10	
41	117.750	50	140	62	0.8	10	
42	118.000	44	150	30	0.8	10	
43	118.250	92	150	32	2.0	10	
44	118.500	62	200	30	1.0	10	
45	118.750	26	98	30	0.6	10	
46	82.50E-119.000N	38	240	26	0.8	10	
47	83.00E-113.125N	24	58	32	0.2	10	
48	113.375	32	90	42	0.6	10	
49	113.625	22	82	32	0.4	10	
50	113.875	36	140	42	0.4	10	
51	114.125	30	140	36	0.4	10	
52	114.375	18	86	26	0.2	10	
53	114.625	22	96	28	0.8	10	
54	114.875	22	78	26	0.8	10	
55	115.125	36	150	52	0.6	10	
56	115.375	40	130	50	2.6	10	
57	115.625	44	170	52	0.8	10	
58	115.875	34	160	48	0.6	10	
59	116.125	36	170	130	0.8	10	
60	116.375	28	100	36	0.6	10	
61	116.625	36	150	40	1.0	10	
62	116.875	28	88	30	1.0	10	
63	117.125	30	130	32	0.6	10	
64	117.375	40	130	36	1.2	10	
65	117.625	72	190	50	1.4	10	
66	117.875	66	150	50	1.2	10	
67	118.125	50	120	28	1.2	10	
68	118.375	44	100	38	1.0	10	
69	118.625	34	100	40	0.8	10	
70	118.875	30	82	24	1.0	10	
71	83.00E-119.125N	34	76	26	1.4	10	
72	83.50E-113.000N	28	74	14	1.0	10	
73	113.250	16	32	18	0.2	10	
74	113.500	26	92	18	1.6	120	
75	113.750	34	98	18	2.6	10	
76	114.000	44	82	20	1.8	10	
77	114.250	28	150	54	0.6	10	
78	114.500	42	100	26	1.6	10	
79	114.750	38	130	42	1.4	10	
80	115.000	24	70	26	1.2	10	
81	115.250	20	56	22	0.4	10	
82	115.500	20	72	26	0.8	10	
83	115.750	18	58	24	0.6	10	
84	83.50E-116.000N	56	150	60	0.4	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	8508-010 Pg. 4 of 7
85	83.50E-116.250N	50	150	46	0.4	10	
86	116.500	40	150	44	1.0	10	
87	116.750	38	150	46	0.4	10	
88	117.000	48	160	46	1.0	10	
89	117.250	52	130	44	1.0	10	
90	117.500	38	130	42	0.6	10	
91	117.750	54	130	48	1.2	10	
92	118.000	36	130	36	0.4	10	
93	118.250	40	84	42	1.4	10	
94	118.500	26	90	26	0.4	10	
95	118.750	38	100	50	0.2	10	
96	83.50E-119.000N	26	90	30	0.2	10	
97	94.00E-108.000N	44	92	46	0.6	10	
98	108.120	48	290	40	0.4	10	
99	94.00E-108.370N	44	270	58	0.6	10	
100	CHECK NL-5	24	68	72	1.2	-	
101	94.00E-108.620N	22	46	14	0.2	10	
102	108.870	22	46	24	0.2	10	
103	109.120	24	48	12	0.4	10	
104	109.370	32	130	36	1.4	10	
105	109.620	86	190	56	0.2	10	
106	109.870	14	52	48	0.4	10	
107	110.120	14	52	44	0.8	10	
108	110.370	20	40	18	0.2	10	
109	110.620	74	140	120	0.4	10	
110	110.870	38	58	30	0.2	10	
111	111.120	38	78	12	0.6	10	
112	111.370	26	60	16	0.2	10	
113	111.620	42	200	26	0.6	10	
114	111.870	20	64	92	0.6	10	
115	94.00E-112.120N	26	100	24	0.8	10	
116	94.50E-108.000N	38	110	34	2.0	10	
117	108.500	14	64	22	0.6	10	
118	108.750	22	40	12	0.4	10	
119	109.000	24	44	12	0.4	10	
120	109.250	26	82	12	1.0	10	
121	109.500	34	74	14	1.8	10	
122	109.750	24	80	16	0.8	10	
123	110.000	42	380	90	1.2	10	
124	110.250	52	260	260	3.0	10	
125	110.500	20	82	80	1.2	10	
126	110.750	26	150	120	4.0	10	
127	111.000	22	64	48	0.2	10	
128	111.250	60	110	36	0.4	10	
129	111.500	46	90	18	0.2	10	
130	111.750	14	26	14	0.2	10	
131	94.50E-112.000N	14	44	14	0.2	10	
132	95.00E-108.000N	24	160	34	1.0	10	
133	108.120	26	120	26	0.6	10	
134	108.370	50	270	80	2.0	10	
135	108.620	30	270	340	5.4	10	
136	108.870	20	110	36	1.6	10	
137	109.120	28	130	96	0.8	10	
138	109.370	20	66	18	0.6	10	
139	109.620	24	88	20	0.8	10	
140	109.870	28	100	30	1.0	10	
141	95.00E-110.120N	50	290	50	0.4	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	8508-010 Pg. 5 of 7
142	95.00E-110.370N	36	270	64	2.8	10	
143	110.620	48	440	370	4.4	10	
144	110.870	14	96	62	1.4	10	
145	111.120	24	130	60	4.2	10	
146	111.370	18	54	18	1.0	10	
147	111.620	12	48	8	0.4	10	
148	111.870	24	60	22	0.2	10	
149	95.00E-112.120N	12	24	8	0.2	10	
2	95.50E-108.500N	32	190	66	2.0	10	
3	108.750	30	190	90	2.6	10	
4	109.000	22	170	320	2.4	10	
5	109.250	16	70	32	0.6	10	
6	109.500	12	60	48	0.4	10	
7	109.750	10	28	8	0.4	10	
8	110.000	26	48	22	0.8	10	
9	110.250	14	34	10	0.4	10	
10	110.500	44	110	32	0.6	10	
11	110.750	38	270	46	0.2	10	
12	111.000	52	670	430	3.2	10	
13	111.250	38	230	150	3.0	10	
14	111.500	18	50	22	0.4	10	
15	111.750	16	44	10	0.4	10	
16	95.50E-112.000N	38	74	26	0.2	10	
17	96.00E-110.000N	24	60	28	0.2	10	
18	110.500	28	100	26	0.4	10	
19	110.750	16	42	12	0.4	10	
20	111.000	18	62	22	0.2	10	
21	111.250	36	110	24	0.2	10	
22	111.500	24	70	28	0.6	10	
23	96.00E-111.750N	64	250	52	1.2	10	
24	96.50E-108.000N	22	100	20	0.4	10	
25	108.250	20	62	18	0.4	10	
26	108.500	40	100	32	1.4	10	
27	108.750	38	260	42	0.6	10	
28	109.000	44	200	68	1.4	10	
29	109.500	60	150	60	3.4	10	
30	109.750	42	140	86	2.6	10	
31	110.000	24	150	48	1.8	10	
32	110.250	24	72	40	1.0	10	
33	110.500	72	110	48	0.4	10	
34	110.750	28	42	36	0.8	10	
35	111.000	30	110	38	0.8	10	
36	111.250	40	64	30	0.2	10	
37	111.500	16	40	16	0.6	10	
38	111.750	16	50	22	0.8	10	
39	96.50E-112.000N	14	26	8	0.6	10	
40	97.00E-108.000N	48	110	26	0.6	10	
41	108.120	24	76	20	0.4	10	
42	108.370	28	72	22	0.4	10	
43	108.620	24	54	18	1.0	10	
44	108.870	26	170	130	6.2	10	
45	109.120	30	120	16	3.0	10	
46	109.370	66	210	26	2.6	10	
47	109.620	68	120	46	3.6	10	
48	109.870	42	270	130	3.6	10	
49	110.120	30	170	94	3.6	10	
50	97.00E-110.370N	36	110	54	1.0	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	8508-010 Pg. 6 of 7
51	97.00E-110.620N	32	100	40	1.2	10	
52	110.870	24	100	32	0.4	10	
53	111.120	26	54	30	0.6	10	
54	111.370	42	100	30	0.4	10	
55	111.620	24	62	16	0.4	10	
56	97.00E-111.870N	32	72	40	0.4	10	
57	97.50E-108.000N	26	66	20	0.8	10	
58	108.250	22	54	24	1.0	10	
59	108.500	160	150	28	0.2	10	
60	108.750	32	60	20	0.8	10	
61	109.000	52	110	36	0.8	10	
62	109.250	34	34	12	1.0	10	
63	109.500	60	280	18	2.8	10	
64	109.750	60	150	38	1.6	10	
65	110.000	44	150	36	2.6	10	
66	110.250	32	170	56	3.2	10	
67	110.500	24	100	42	1.0	10	
68	110.750	32	120	30	0.4	10	
69	111.000	48	120	50	0.8	10	
70	111.250	18	30	6	2.0	10	
71	111.500	22	32	10	1.0	10	
72	111.750	38	140	32	0.6	10	
73	97.50E-112.000N	42	130	32	1.0	10	
74	98.00E-111.500N	12	18	24	1.8	10	
75	111.750	18	20	6	0.8	10	
76	98.00E-112.000N	32	100	22	0.8	10	
77	98.50E-108.250N	120	130	38	0.2	10	
78	108.500	38	100	26	0.6	10	
79	108.750	20	54	20	0.6	10	
80	109.000	38	130	28	0.4	10	
81	109.250	22	64	18	0.4	10	
82	109.500	26	74	22	0.2	10	
83	109.750	44	180	30	0.8	10	
84	110.000	60	240	20	3.0	10	
85	110.250	66	150	160	4.0	10	
86	110.500	58	270	170	3.4	10	
87	110.750	48	140	160	6.0	10	
88	111.000	38	160	110	2.4	10	
89	111.250	24	68	38	1.4	10	
90	111.500	26	46	28	1.0	10	
91	111.750	28	44	18	0.2	10	
92	98.50E-112.000N	54	140	30	0.2	10	
93	99.00E-108.120N	100	110	24	0.8	10	
94	108.370	280	150	44	0.2	10	
95	108.620	64	150	40	0.6	10	
96	108.870	50	140	44	0.2	10	
97	109.120	46	120	22	0.4	10	
98	109.370	86	160	34	0.2	10	
99	99.00E-109.620N	28	62	18	0.4	10	
00	CHECK NL-5	26	66	72	1.2	-	
01	99.00E-109.870N	64	200	28	2.4	10	
02	110.120	38	140	26	1.4	10	
03	110.370	96	68	72	4.4	10	
04	110.620	20	100	36	1.8	10	
05	110.870	28	150	32	0.8	10	
06	111.120	50	150	40	3.4	10	
07	99.00E-111.370N	64	130	36	0.8	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	8508-010 Pg. 7 of 7
108	99.00E-111.620N	48	120	26	0.2	10	
109	111.870	40	100	26	0.6	10	
110	99.00E-112.120N	44	58	22	1.0	10	
111	99.50E-108.250N	32	70	20	0.2	10	
112	108.500	110	110	24	0.4	10	
113	108.750	40	110	28	0.2	10	
114	109.000	60	110	24	0.2	10	
115	109.250	120	250	84	0.2	10	
116	109.750	48	220	34	0.4	10	
117	110.000	36	150	64	0.8	10	
118	110.250	44	150	26	0.2	10	
119	110.500	20	74	20	0.4	10	
120	110.750	22	110	22	0.6	10	
121	111.000	96	130	34	0.8	10	
122	111.250	22	52	18	1.0	10	
123	111.500	28	74	20	0.8	10	
124	111.750	24	58	20	0.6	10	
125	99.50E-112.000N	26	66	40	1.2	10	
126	108.00N-94.250E	42	250	270	2.6	10	
127	94.750	20	100	24	1.2	10	
128	95.250	42	220	52	1.0	10	
129	108.00N-95.750E	26	54	22	0.6	10	

APPENDIX II
DIAMOND DRILL LOGS

DIAMOND DRILL LOG

DICK - 1 - 85

NORANDA EXPLORATION COMPANY LTD.

Date Colored September 24/85		Date Completed September 29/85		Core Size 1AWS		DIP TESTS				PROPERTY Bowler Creek Group		PROJECT No 125		N.T.S. No 82M		
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 4		
Lat. 109 + 25N		Elev.		Dip -48°		RECORDED		CORRECTED		Lot.		Elev.		Dip		
Dep. 96 + 00E		Length 40.23		Bearing 147°						Dep.		Length		Bearing		
From METRES	To METRES	Recovery %	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppb Au
0	2.60		CASING													
2.60		95	QUARTZITE BRECCIA White, very massive, granoblastic texture, mosaic-type, with pyrite mineralization, rhyolite fragments (10%) 2.95 - 3.66 Pyrite mineralization approx. 5%				5		4071	0.71	29	0.18%	0.14%		5.6	5
	4.72	96	QUARTZITE BRECCIA White with grey-green patches, pyrite, chalcopyrite mineralization. 3.99 - 4.60				5-8		4072	0.61	26	0.14%	0.21%		6.9	5
4.72	5.03	90	BRECCIA White-dark grey, fragments of calcite, quartz, chlorite very massive with pyrite, chalcopyrite, galena mineralization.				10		4073	0.31	250	1.11%	0.83%		8.4	10
5.03	5.85	89	BRECCIA with pyrite, chalcopyrite, galena, sphalerite 20-30%				20-30		4074	0.82	544	1.69%	1.19%		11.9	5
5.85	6.67	93	RHYOLITE Very light color, quartz and feldspar essentials, chlorite fragments, pyrite mineralization, very massive.				5		4075	0.82	17	410	330		3.9	10
6.67		85	CHLORITIC PHYLLITE Light grey-greenish lepidoblastic text, very fine grain with pyrite and chalcopyrite mineralization. 6.83 - 7.00				8		4176	0.13	21	530	560		5.0	10
	9.31	84	CHLORITIC PHYLLITE 7.86 - 8.41 Pyrite, sphalerite, chalcopyrite, galena 10% 9.26 Fault zone.				10		4177	0.55	32	610	800		5.7	< 5

DRILL LOG - 81

Date October 1/85 Logged By Les Demczuk

FIELD CO-ORDINATES		DEPTH		BEARING		ANGLE		PROPERTY			PROJECT No.			N.T.S. No.		
September 24/85		September 29/85		JAWS		DIP TESTS		Bowler Creek Group			125			82M		
Lot. 109 + 25N		Elev.		Dip -48°		RECORDED		CORRECTED		SURVEYED CO-ORDINATES			Sheet 2 of 4			
Dep. 96 + 00E		Length 40.23		Bearing 147°						Lot.			Elev.			
										Dep.			Length			
										Dip			HOLE No.			
										Bearing			Dick-1-85			
From	To	Recovery	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppb Au
METRES	METRES	%														
9.31		94	RHYOLITE BRECCIA Very light color, very massive, broken with large quartz fragments.				10		4178	0.60	35	1.47%	1.04%		8.2	5
		95	10.46 - 11.06 Pyrite, galena, sphalerite, 10% RHYOLITE BRECCIA As above.				5-7		4179	0.50	33	0.15%	0.13%		7.2	10
		89	12.10 - 12.60 RHYOLITE BRECCIA				5		4180	0.55	18	615	650		4.6	< 5
		87	13.05 - 13.60 RHYOLITE BRECCIA				8		4181	0.66	65	410	480		3.8	10
		91	14.40 - 15.06 RHYOLITE BRECCIA				8		4182	0.48	63	0.19%	0.13%		6.5	< 5
	21.85	84	16.60 - 17.08 RHYOLITE BRECCIA				5		4183	0.50	19	850	740		7.4	10
21.85	22.58	89	20.30 Fault zone 21.20 - 21.70 Pyrite mineralization QUARTZ-ANDESITE BRECCIA White and light green very massive, fine grained, chlorite essentials, with pyrite, chalcopryrite mineralization.				8		4184	0.65	450	0.59%	0.26%		23.9	15
22.58		83	21.85 - 22.50 SERICITE-CHLORITE BRECCIA White, light green, very soft, altered with fragments of quartz, pyrite, chalcopryrite, galena mineralization. 22.58 - 23.68 15-20% mineralization.				15-20		4185	1.10	68	320	370		3.6	5

DRILL LOG - 81

Date October 1/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored September 24/85		Date Completed September 29/85		Core Size JAWS		DIP TESTS				PROPERTY Bowler Creek Group			PROJECT No. 125		N.T.S. No. 82M		
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 4				
Lot. 109 + 25N		Elev.			Dip -48°		RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.		Elev.		Dip		
Dep. 96 + 00E		Length 40.23		Bearing 147°						Dep.		Length		Bearing		HOLE No. Dick-1-85	
From METRES	To METRES	Recovery %	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppb Au	
23.68	24.48	81	SERICITE-CHLORITE BRECCIA With pyrite, chalcopyrite, galena mineralization.				15		4186	0.80	28	92	315		1.4	10	
24.84	29.20	90	ANDESITE BRECCIA Fragments of andesite and crystalline andesitic tuff with quartz, feldspar (orthoclase) very massive, with pyrite mineralization approx. 2%				2		4187	0.55	19	113	190		1.6	5	
			26.83 - 27.38 Pyrite mineralization 15%														
		84	ANDESITE BRECCIA 27.80 - 28.56 Pyrite, galena, sphalerite mineral approx. 5%				5		4192	0.86	51	184	365		1.8	5	
		85	ANDESITE BRECCIA 28.66 - 29.26 Pyrite, galena, sphalerite mineralization approx. 5%				5		4193	0.60	45	230	360		2.2	5	
29.20		87	ANDESITE Light green massive, porphyritic, fine grained, cut by quartz veins pyrite, galena mineralization. 29.56 - 30.10 Pyrite 15%, galena 2%				3		4188	0.54	69	67	280		1.4	10	
		90	ANDESITE with fragments of quartz. 32.42 - 33.12 Pyrite, chalcopyrite mineralization 10-15%				10-15		4189	0.70	330	370	440		4.5	10	

DRILL LOG - 81

Date October 1/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored September 24/85		Date Completed September 29/85		Core Size JAWS		DIP TESTS				PROPERTY Bowler Creek Group		PROJECT No 125		N.T.S. No. 82M			
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 4 of 4			
Lot 109 + 25N		Elev.		Dip -48°		RECORDED		CORRECTED		Lot		Elev.		Dip			
Dep. 96 + 00E		Length 40.23		Bearing 147°						Dep.		Length		Bearing			
From METRES	To METRES	Recovery %	Description			Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppm Au
	36.15	93	ANDESITE Dark grey, massive fine to medium grained. 34.00 - 35.07 Pyrite, chalcopyrite 15-20%					15-20		4190	1.07	380	72	240		1.7	5
36.15	36.85	92	BRECCIA ZONE Contact between brecciated andesite and rhyolite, pyrite, chalcopyrite, galena mineralization. 36.15 - 36.85					5		4191	0.70	290	350	450		3.5	10
36.85		94	DYKE QUARTZ-FELDSPAR PORPHYRY White, pinky very massive with vein type mineralization pyrite, chalcopyrite, galena, sphalerite mineralization. 36.85 - 37.61					5		4194	0.76	480	750	820		4.9	5
		96	QUARTZ-FELDSPAR PORPHYRY 37.61 - 38.61					5		4195	1.00	213	0.35	0.22		7.1	15
	39.45	95	QUARTZ-FELDSPAR PORPHYRY 38.61 - 39.45					5		4196	0.84	208	375	45		4.0	10
39.45	40.23	96	ANDESITE BRECCIA Light to dark green very massive with fragments of quartz and feldspar, pyrite mineralization < 5%					5		4197	0.78	23	30	110		0.9	15
			END OF HOLE														

DRILL LOG - #1

Date October 1/85 Logged By Les Demczuk

DIAMOND DRILL LOG

HARRY - 1 - 85

NORANDA EXPLORATION COMPANY LTD.

Date Colored October 1/85		Date Completed October 3/85		Core Size JAWS		DIP TESTS				PROPERTY Bowler Creek Group		PROJECT No 125		N.T.S. No 82M/4			
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 1			
Lot. 117 + 35N		Elev.		Dip -48°		RECORDED		CORRECTED		Lot.		Elev.		Dip			
Dep. 98 + 00E		Length 20.12 m		Bearing 148°		RECORDED		CORRECTED		Dep.		Length		Bearing			
From METRES	To METRES	Recovery %	Description			Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
0	1.50		CASING														
1.50			DACITE Medium to dark grey, greenish, porphyritic structure, massive text, quartz veining. 3.00 - 3.95 Pyrite mineralization approx. 15%					15		4411	0.95	145	27	208	17	0.7	0.07
			DACITE As above with quartz fragments and pyrrhotite, pyrite mineralization. 6.26 - 7.10 Pyrite, pyrrhotite approx. 20%					20		4412	0.84	800	36	12000	18	1.0	0.07
			DACITE As above 7.58 - 8.85 Pyrite, pyrrhotite approx. 20%					20		4413	1.27	680	11	2600	7	0.7	0.07
	10.40		DACITE 9.09 - 9.73 Pyrite, pyrrhotite approx. 15%					15		4414	0.64	117	15	5000	10	0.7	0.07
10.40	16.10		DACITE BRECCIA Quartz, feldspar (80%) filled with dacite fragments (20%)														
16.10			DACITE TUFF Dark grey very fine grain, banded. 18.16 - 18.88 Pyrite, pyrrhotite, chalcopyrite 10%					10		4415	0.70	280	12	780	4	0.7	0.07
	20.12		DACITE TUFF 19.06 - 19.86 Pyrite, pyrrhotite approx. 15%					15		4416	0.80	360	14	510	5	0.7	0.07
			END OF HOLE														

Drill Log - #1

Date October 4, 1985 Logged By Les Demczuk

DIAMOND DRILL LOG

HARRY - 2 - 85

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 12/85		Date Completed November 15/85		Core Size NO		DIP TESTS				PROPERTY Bowler Creek		PROJECT No 125		N.T.S. No 82M/4				
FIELD CO-ORDINATES						DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES							
Lat. 117 + 40E		Elev.		Dip -45°			RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.		Elev.		Dip			
Dep 98 + 00E		Length 76.20 m		Bearing 148°						Dep.		Length		Bearing				
From METRES	To METRES	Recovery %	Description				Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
0	4.26		CASING															
4.26		89	DACITE Medium grey, greenish with white spots, porphyritic structure, massive tex. Plagioclase 30%, quartz 30%, chlorite 10-15%, pyrite 5%, pyrrhotite approx. 2% mineralization.				Foliation 0-5° to core axis											
6.16	6.96	89	DACITE As above, pyrite and pyrrhotite 0-5° to core axis layer, about 30% mineralization (pyrrhotite, pyrite, chalcopyrite).						30		4417	0.80	350	38	308	28	0.7	0.07
6.96	10.40	89	DACITE With quartz fragments and pyrite mineralization < 5%.				Foliation 0-5° to core axis											
10.40	10.90	93	BRECCIA Quartz and Feldspar mixed with dacite fragments (20-30%), very broken.															
10.90	11.45	93	BRECCIA As above with pyrite (< 5%) and sphalerite (1%) mineralization.						< 5		4418	0.45	380	10	8200	3	0.7	0.07
11.45	14.22	93	BRECCIA Quartz, feldspar mixed with dark grey dacite (10-15% very broken. 12.32 - 12.63. Pyrite, pyrrhotite 5-10%						5-10		4413	0.31	270	11	7500	3	0.7	0.07
14.22	16.10	87	DACITE TUFF Dark grey, very fine grained banded, quartz 30%, chlorite 20%, sericite 10% muscovite 10%, plagioclase 30%, pyrite, pyrrhotite mineralization 2%. lepidoblastic texture.															

DRILL LOG - 81

Date November 15/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 12/85		Date Completed November 15/85		Core Size NO		DIP TESTS				PROPERTY Bowler Creek		PROJECT No 125		N.T.S. No 82M/4		
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 2 of 6			
Lot. 117 + 40N		Elev			Dip -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.		Elev.		Dip	
Dep 98 + 00E		Length 76.20		Bearing 148°						Dep.		Length		Bearing		
From METRES	To METRES	Recovery %	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm		ppm		ppm g/mt g/mt	
											Cu	Pb	Zn	As	Ag	Au
16.10		88	DACITE TUFF	Dark grey with quartz layers, schistose text.		10		4420	0.38		420	28	1720	10	1.0	0.07
			18.90 - 19.28	Pyrite, pyrrhotite mineralization - 10%												
		88	DACITE TUFF	As above		5		4421	0.18		400	68	540	4	1.0	0.07
			19.57 - 19.75	Pyrite, sphalerite mineralization < 5%												
		88	DACITE TUFF			10		4422	0.27		390	18	410	4	0.7	0.07
			19.93 - 20.20	Pyrite, pyrrhotite, chalcopyrite mineralization.												
	21.62	88	DACITE TUFF			15		4423	0.50		720	19	490	11	0.7	0.07
			20.72 - 21.22	Pyrite, pyrrhotite, chalcopyrite, sphalerite mineralization.												
21.62	23.07	100	QUARTZITE	White very massive brecciated and filled with andesite fragments (10%) 2% pyrite mineralization.		2										
23.07		93	ANDESITE TUFF	Dark green, very fine grained, banded, occasionally filled with quartz fragments, well mineralized with pyrite, pyrrhotite approx. 10%.		10										
			25.32 - 25.37	Pyrrhotite, chalcopyrite, pyrite 60%												
		93	ANDESITE TUFF	As above		60		4424	0.22		880	20	13400	3	1.0	0.14
			25.27 - 25.49	Pyrrhotite, chalcopyrite, pyrite 60%												

DRILL LOG - 81

Date November 15/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Collected November 12/85		Date Completed November 15/85		Core Size NQ		DIP TESTS				PROPERTY Bowler Creek		PROJECT No 125		N.T.S. No. 82M/4			
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 6			
Lot. 117 + 40N		Elev.		Dip -45°		RECORDED		CORRECTED		Lot.		Elev.		Dip			
Dep. 98 + 00E		Length 76.20		Bearing 148°		RECORDED		CORRECTED		Dep.		Length		Bearing			
HOLE No. Harrv-2-85																	
From METRES	To METRES	Recovery %	Description			Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mr Ag	g/mr Au
		93	ANDESITE TUFF					8		74832	0.30	90	18	370	4	0.7	0.07
			27.00 - 27.30 Pyrrhotite, chalcopyrite, pyrite 8%														
	31.00	88	ANDESITE TUFF					20-30		74833	0.79	147	27	440	10	0.7	0.07
			27.55 - 28.34 Pyrrhotite, pyrite, chalcopyrite 20-30%														
31.00	32.05	95	BRECCIA Quartz with andesite fragments (20-30%), white to light green, broken with pyrite, chalcopyrite mineralization approx. 10% 31.56 - 32.00 Pyrite, chalcopyrite approx. 20%					20		74834	0.44	118	16	158	16	0.7	0.07
	32.05	95	QUARTZITE White, very massive text granoblastic with pyrite mineralization approx. 5%														
			33.43 - 33.53 Fault zone.														
	33.43	95	RHVOLITE White is light green, very massive, quartz, feldspar essential, chlorite, pyrite, pyrrhotite 5-20% 34.68 - 35.08 Pyrrhotite, pyrite, chalcopyrite.					20		74835	0.40	520	14	300	20	0.7	0.07
			36.16 - 36.46 Pyrrhotite, pyrite, chalcopyrite 30%														
	37.50	95	RHVOLITE As above					30		4425	0.30	320	32	420	11	0.7	0.07
			37.90 - 38.28 90% pyrrhotite, pyrite														
37.50		94	DACITE TUFF Dark grey, massive medium to fine grain, very well mineralized pyrrhotite, pyrite, chalcopyrite 30-60% 37.90 - 38.28 90% pyrrhotite, pyrite					30-60									
		94	DACITE TUFF					90		4426	0.23	5000	24	320	330	4.8	0.27
			37.90 - 38.13 Pyrrhotite, pyrite, chalcopyrite 90%														

DRILL LOG - 81

Date November 15/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Collared November 12/85		Date Completed November 15/85		Core Size NQ		DIP TESTS				PROPERTY Bowler Creek		PROJECT No. 125		N.T.S. No. 82M/4	
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 4 of 6		
Lot 117 + 40N	Elev.	Dip -45°			RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.	Elev.	Dip	HOLE No. Harry-2-85			
Dep 98 + 00E	Length 76.20	Bearing 143°						Dep.	Length	Bearing					
From METRES	To METRES	Recovery %	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au	
		94	DACITE TUFF 38.11 - 38.71 Pyrrhotite, pyrite, chalcopyrite. 30-40%		30-40		74836	0.60	3800	21	224	100	2.4	0.07	
	40.75	94	DACITE TUFF 39.35 - 39.85 Pyrrhotite, pyrite, chalcopyrite. 30-40%		30-40		74837	0.50	1560	31	256	42	1.7	0.07	
40.75		93	BRECCIA Quartz fragments mixed with dacite (10-20%) very well mineralized 40-50% pyrrhotite, pyrite, chalcopyrite. 40.95 - 41.55 Pyrrhotite, pyrite, chalcopyrite 70%		70		74838	0.60	3600	22	420	5	1.7	0.07	
		93	BRECCIA 41.55 - 41.75 Pyrrhotite, pyrite, 70%		70		4427	0.20	2500	62	840	4	1.4	0.10	
		93	BRECCIA 42.48 - 43.13 Pyrrhotite, pyrite, chalcopyrite. 50-60%		50-60		74839	0.65	3100	250	3000	4	2.7	0.07	
		93	BRECCIA 43.15 - 43.35 Pyrrhotite, pyrite, chalcopyrite 70%.		70		4428	0.20	2700	150	880	8	1.4	0.10	
	44.80	93	BRECCIA 43.80 - 44.20 Pyrrhotite, pyrite, 20%		20		74840	0.40	2250	34	2400	4	0.7	0.07	

DRILL LOG - 81

Date November 15/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 12/85		Date Completed November 15/85		Core Size N0		DIP TESTS				PROPERTY Bowler Creek		PROJECT No 125		N.T.S. No 82M/4			
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 5 of 6			
Lot 117 + 40N		Elev.		Dip -45°		RECORDED		CORRECTED		Lot.		Elev.		Dip			
Dep. 98 + 00E		Length 76.20		Bearing 148°						Dep.		Length		Bearing			
From METRES	To METRES	Recovery %	Description			Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
44.80		93	DACITE TUFF From light to dark grey, massive, banded, very well mineralized pyrrhotite, pyrite, chalcopyrite. 30-40%					30		74841	0.50	340	28	560	4	0.7	0.07
			45.10 - 45.60 Pyrrhotite, pyrite, chalcopyrite 30%														
			DACITE TUFF														
			45.95 - 46.28 Pyrrhotite, pyrite, chalcopyrite 70%					70		4429	0.33	2600	20	204	10	1.7	0.07
			DACITE TUFF														
			48.67 - 48.97 Pyrrhotite, pyrite, chalcopyrite 20%			Foliation 45° to core axis		20		74842	0.30	520	23	1880	11	0.7	0.07
	54.15		DACITE TUFF parts brecciated and filled with quartz, very well mineralized 30-40%			Foliation 45° to core axis		40		4430	0.30	1260	12	192	3	1.0	0.10
			51.80 - 52.10 Pyrrhotite, chalcopyrite, pyrite 40%														
54.15	61.51	95	PHYLLITE of dacite composition Light to dark grey-green, granoblastic text very fine grain, occasionally mineralized with pyrite approx. 2% rich in silica, chlorite and sericite.			Foliation 45° to core axis											
61.51	68.30	89	DACITE TUFF Light to dark green and grey, mixed with chloritic phyllite, rich in silica pyrite mineralization < 1%.			Foliation 40 - 50° to core axis											

DRILL LOG - 81

Date November 15/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 12/85		Date Completed November 15/85		Core Size NQ		DIP TESTS				PROPERTY Bowler Creek		PROJECT No. 125		N.T.S. No. 82M/4		
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 5 of 6			
Lot. 117 + 40N		Elev.			RECORDED		CORRECTED		RECORDED		CORRECTED		Lot. Dep.		Elev. Dip	
Dep. 98 + 00E		Length 76.20		Dip -45°		Bearing 148°		Dep.		Length		Bearing		HOLE No. Harrv-2-85		
From METRES	To METRES	Recovery %	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
68.30	69.10	97	QUARTZITE White to greenish granoblastic, very massive.													
69.10	76.20	92	CHLORITE-BIOTITE PHYLLITE Dark green to black very fine grained, pyrite mineralization < 5% occasionally quartz fragments.													
			THE END OF HOLE													

DRILL LOG - 81

Date November 15/85 Logged By Les Demczuk

DIAMOND DRILL LOG

HARRY - 3 - 85

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 17/85		Date Completed November 20/85		Core Size NO	DIP TESTS				PROPERTY Bowler Creek Group	PROJECT No 125	N.T.S. No. 82M/4						
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES								
Lot 116 + 30N	Elev.	Dip -45°			RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.	Elev.	Dip	Sheet 1 of 5					
Dep. 96 + 00E	Length 78.03	Bearing 138°						Dep.	Length	Bearing	HOLE No. Harry-3-85						
From METRES	To METRES	Recovery %	Description				Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
0	2.44		CASING														
2.44		94	DACITE TUFF Medium to dark grey, very fine grain, banded, massive well mineralized.					20		4431	1.06	540	15	3900	7	0.7	0.10
			2.44 - 3.50 Pyrrhotite, pyrite, chalcopyrite 20%														
		94	DACITE TUFF					30		4432	1.05	800	25	4600	6	0.7	0.10
			4.00 - 5.05 Pyrrhotite, pyrite, chalcopyrite 30%														
		94	DACITE TUFF					40		4433	0.40	1250	30	2500	7	0.7	0.07
			5.85 - 6.25 Pyrrhotite, pyrite, chalcopyrite 40%														
		94	DACITE TUFF					40-60		4434	0.73	1220	20	360	10	0.7	0.07
			7.50 - 8.23 Pyrrhotite, pyrite, chalcopyrite 40-60%														
		94	DACITE TUFF					40-60		4435	0.56	780	20	900	10	0.7	0.07
			8.23 - 8.79 Pyrrhotite, pyrite, chalcopyrite 40-60%														
		94	DACITE TUFF					30		4436	1.13	940	99	1060	14	1.0	0.07
			9.20 - 10.33 Pyrrhotite, pyrite, chalcopyrite 30%														
	10.80	94	DACITE TUFF					30		4437	0.47	800	26	370	11	1.0	0.10
			10.33 - 10.80 Pyrrhotite, pyrite, chalcopyrite 30%														

DRILL LOG - 81

Date November 20/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 17/85		Date Completed November 20/85		Core Size NO		DIP TESTS				PROPERTY			PROJECT No 125		N.T.S. No. 82M/4			
FIELD CO-ORDINATES						DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES							
Lat. 116 + 30N		Elev.		Dip -45°			RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.		Elev.		Dip			
Dep. 96 + 00E		Length 78.03		Bearing 138°						Dep.		Length		Bearing		HOLE No. Harry-3-85		
From METRES	To METRES	Recovery %	Description				Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
10.80	11.40	90	MICA-SERICITE PHYLITE White to white silvery same places greenish, very fine grained, banded, text granoblastic.															
11.40		92	ANDESITE TUFF Light to dark green, banded, medium to fine grained, lepidoblastic text, well mineralized. 11.40 - 12.60 Pyrrhotite, pyrite 40%						40		4438	1.20	1120	55	510	65	0.7	0.07
		92	ANDESITE TUFF 13.43 - 14.43 Pyrrhotite, pyrite, chalcopyrite 60%						60		4439	1.00	1280	46	180	5	0.7	0.07
		92	ANDESITE TUFF 16.30 - 17.25 Pyrrhotite, pyrite, chalcopyrite 50%						50		4440	0.95	590	69	170	7	0.7	0.07
		92	ANDESITE TUFF 17.37 - 17.90 Pyrrhotite, pyrite, chalcopyrite 40%						40		4441	0.53	380	85	192	4	0.7	0.07
	20.42	92	ANDESITE TUFF 20.15 - 20.42 Pyrrhotite, pyrite, chalcopyrite 50%						50		4442	0.27	1620	520	3000	47	7.9	0.07
20.42		93	ANDESITE From light to medium green, medium to fine grained, text porphyritic locally oriented fluidal orthoclase 21.03 - 21.69 Pyrrhotite, pyrite						60		4443	0.66	600	98	640	10	1.4	0.07
		93	ANDESITE 22.50 - 23.13 Pyrrhotite, pyrite, chalcopyrite						60		4444	0.63	720	140	930	10	2.1	0.07

DRILL LOG - 11

Date November 20/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored November 17/85		Date Completed November 20/85		Core Size NQ		DIP TESTS				PROPERTY Bowler Creek Group		PROJECT No 125		N.T.S. No. 82M/4			
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 5			
Lot 116 + 30N		Elev.		Dip -45°		RECORDED		CORRECTED		Lot.		Elev.		Dip			
Dep 96 + 00E		Length 78.03		Bearing 138°		RECORDED		CORRECTED		Dep.		Length		Bearing			
From METRES	To METRES	Recovery %	Description			Structure		% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au
	25.15	91	ANDESITE					50		4445	0.70	1610	106	352	11	1.4	0.07
			24.47 - 25.13 Pyrrhotite, pyrite, chalcopyrite 50%														
25.15		90	ANDESITE TUFF					30		4446	0.90	495	22	400	10	0.7	0.07
			26.80 - 27.70 Pyrite, chalcopyrite 30%														
	29.15	93	ANDESITE TUFF					60		4447	0.45	2200	56	4600	22	2.7	0.07
			27.90 - 28.35 Pyrrhotite, pyrite, chalcopyrite 60%														
29.15	29.65	99	QUARTZITE			White, very massive											
			text granoblastic, pyrite mineralization < 1%														
29.65	36.73	96	QUARTZ-SERICITE-CHLORITE PYHLLITE					5		4448	0.78	420	15	4100	4	0.7	0.07
			White to light green, very fine grained, sulfide 2%														
			33.45 - 34.15 Pyrite mineralization approx. 5%														
36.73		96	ANDESITE TUFF			Light green, massive, very											
			fine grained, schistose text.														
			36.73 - 36.93 Fault zone														
	39.60	95	ANDESITE TUFF			Pyrite mineralization											
			approx. 2%														
39.60	40.10	96	BRECCIA			Quartz and andesite											
			fragments (20%), very brecciated.														

DRILL LOG 41

Date November 20/85 Logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Collared November 17/85		Date Completed November 20/85		Core Size NQ		DIP TESTS				PROPERTY Bowlers Creek Group			PROJECT No 125		N.T.S. No. B2M/4		
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES						Sheet 4 of 5		
Lot 116 + 30N		Elev.			Dip -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.		Elev.		Dip		HOLE No.	
Dep. 96 + 00E		Length 78.03		Bearing 138°						Dep.		Length		Bearing		Harry-3-85	
From METRES	To METRES	Recovery %	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au	
40.10	48.35	89	QUARTZ-SERICITE PHYLLITE Silvery white some greenish spots (chlorite) very fine grained.				10-20		4449	0.40	62	4	140	4	0.7	0.07	
			41.76 - 42.16 Pyrite mineralization 10-20%														
48.35	53.94	90	ANDESITE TUFF Light green with quartz fragments.				10-20		4450	0.40	85	24	76	3	0.7	0.07	
			48.55 - 48.95 Pyrrhotite, pyrite, chalcopyrite 10-20%														
53.94	54.54	95	BRECCIA Quartz and andesite fragments (15-20%), very broken.				20		74826	0.60	53	13	64	3	0.7	0.07	
			53.94 - 54.54 Pyrrhotite, pyrite mineralization 20%														
54.54	55.40	92	SERICITE-MICA PHYLLITE Silvery white, very fine grain.				10		74827	0.40	164	12	208	3	0.7	0.07	
			54.70 - 55.10 1% Pyrrhotite, pyrite mineralization														
55.40		90	DACITE TUFF Medium to dark grey, very fine grained, mixed with chlorite phyllite, rich in silica.				10		74828	0.60	80	15	60	4	1.4	0.07	
			55.55 - 56.15 Pyrite, pyrrhotite mineralization 10%														
		90	DACITE TUFF				10		74829	0.50	143	12	70	3	1.0	0.07	
			64.96 - 65.46 Pyrite, pyrrhotite 10%														
	69.69	90	DACITE TUFF				5-10		74830	0.75	63	18	60	3	0.7	0.07	
			66.45 - 67.20 Pyrite, pyrrhotite, 5-10%														
69.69	72.24	92	SERICITE-MICA PHYLLITE Silvery white, very fine grained.														

DRILL LOG - #1

Date November 20/85 logged By Les Demczuk

NORANDA EXPLORATION COMPANY LTD.

Date Colored		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No		N.T.S. No.			
November 17/85		November 20/85		NQ		DEPTH		BEARING		ANGLE		Bowler Creek Group		125		82M/4	
FIELD CO-ORDINATES						RECORDED		CORRECTED		RECORDED		CORRECTED		SURVEYED CO-ORDINATES			
Lot.		Elev.		Dip		Lot.		Elev.		Dip		Lot.		Elev.		Dip	
116 + 30N				-45°												HOLE No.	
Dep.		Length		Bearing		Dep.		Length		Bearing		Dep.		Length		Harry-3-85	
96 + 00E		78.03		138°													
From	To	Recovery	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ppm Cu	ppm Pb	ppm Zn	ppm As	g/mt Ag	g/mt Au	
72.24	78.03	95	DACITE TUFF Light to medium grey filled with quartz occasionally mineralized with pyrite, pyrrhotite.				10-15		74831	0.60	210	17	55	4	0.7	0.07	
			77.23 - 77.83 Pyrrhotite, pyrite 10-15%														
			END OF THE HOLE														

DRILL LOG - 81

Date November 20/ 85 Logged By Les Demczuk

APPENDIX III

CORE SAMPLE GEOCHEMICAL ANALYSIS



ENVIRONMENTAL TESTING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ASSAYING.

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

October 24, 1985

CERTIFICATE OF ANALYSIS

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

SAMPLE IDENTIFICATION: 27 drill core samples received October 16, 1985

RE: P. O. No. FX 9603

CERTIFICATE OF ANALYSIS NUMBER: ETK 85-91

Geochemical Analysis:

<u>Description</u>	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>Cu (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	<u>As (ppm)</u>
4071	5	5.6	29	>1000	>1000	*
72	<5	6.9	26	>1000	>1000	*
73	10	8.4	250	>1000	>1000	*
74	<5	11.9	544	>1000	>1000	*
75	10	3.9	17	410	330	*
4176	10	5.0	21	530	560	*
77	<5	5.7	32	610	800	*
78	5	8.2	35	>1000	>1000	*
79	10	7.2	33	>1000	>1000	*
80	<5	4.6	18	615	650	*
4181	10	3.8	65	410	480	*
82	<5	6.5	63	>1000	>1000	*
83	10	7.4	19	850	740	*
84	15	23.9	450	>1000	>1000	*
85	5	3.6	68	320	370	*
4186	10	1.4	28	92	315	*
87	5	1.6	19	113	190	*
88	10	1.4	69	67	280	*
89	10	4.5	330	370	440	*
90	5	1.7	380	72	240	*

.../2


October 24, 1985

<u>Description</u>	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>Cu (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	<u>As (ppm)</u>
4191	10	3.5	290	350	450	*
92	5	1.8	51	184	365	*
93	5	2.2	45	230	360	*
94	5	4.9	480	750	820	*
95	15	7.1	213	>1000	>1000	*
4196	10	4.0	208	375	45	*
97	15	0.9	23	30	110	*

Assays:

<u>Description</u>	<u>Pb (%)</u>	<u>Zn (%)</u>
4071	0.18	0.14
72	0.14	0.21
73	1.11	0.83
74	1.69	1.19
4178	1.47	1.04
79	0.15	0.13
4182	0.19	0.13
4184	0.59	0.26
4195	0.35	0.22

NOTES: > = greater than
 * Tungsten results to follow when complete


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

TJF/mil

cc: Noranda Exploration Co. Ltd.
 Box 746
 Barriere, B. C. VOE 1E0



REPORT: 125-3928

PROJECT: 425

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	As PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	As PPM
D2 4411		145	27	208	17	D2 74826		53	13	64	3
D2 4412		800	36	12000	18	D2 74827		164	12	208	3
D2 4413		680	11	2600	7	D2 74828		80	15	60	4
D2 4414		117	15	5000	10	D2 74829		143	12	70	3
D2 4415		280	12	780	4	D2 74830		63	18	60	3
D2 4416		360	14	510	5	D2 74831		210	17	55	4
D2 4417		350	38	308	28	D2 74832		90	18	370	4
D2 4418		380	10	8200	3	D2 74833		147	27	440	10
D2 4419		270	11	7500	3	D2 74834		118	16	158	16
D2 4420		420	28	1720	10	D2 74835		520	14	300	20
D2 4421		400	68	540	4	D2 74836		3800	21	224	100
D2 4422		390	18	410	4	D2 74837		1560	31	256	42
D2 4423		720	19	490	11	D2 74838		3600	22	420	5
D2 4424		880	20	13400	3	D2 74839		3100	250	3000	4
D2 4425		320	32	420	11	D2 74840		2250	34	2400	4
D2 4426		5000	24	320	330	D2 74841		340	28	560	4
D2 4427		2500	62	840	4	D2 74842		520	23	1880	11
D2 4428		2700	150	880	8						
D2 4429		2600	20	204	10						
D2 4430		1260	12	192	3						
D2 4431		540	15	3900	7						
D2 4432		800	25	4600	6						
D2 4433		1250	30	2500	7						
D2 4434		1220	20	360	10						
D2 4435		780	20	900	10						
D2 4436		940	99	1060	14						
D2 4437		800	26	370	11						
D2 4438		1120	55	510	65						
D2 4439		1280	46	180	5						
D2 4440		590	69	170	7						
D2 4441		380	85	192	4						
D2 4442		1620	520	3000	47						
D2 4443		600	98	640	10						
D2 4444		720	140	930	10						
D2 4445		1610	106	352	11						
D2 4446		495	22	400	10						
D2 4447		2200	56	4600	22						
D2 4448		420	15	4100	4						
D2 4449		62	4	140	4						
D2 4450		85	24	76	3						



REPORT: 425-3928

Harry Grid (LD)

PROJECT: 425 8512-07 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au GMT	Ag GMT	SAMPLE NUMBER	ELEMENT UNITS	Au (GMT)	Ag (GMT)
D2 4411		0.07	<0.7	D2 74826		<0.07	<0.7
D2 4412		0.07	1.0	D2 74827		<0.07	<0.7
D2 4413		<0.07	<0.7	D2 74828		<0.07	1.4
D2 4414		<0.07	0.7	D2 74829		<0.07	1.0
D2 4415		<0.07	0.7	D2 74830		0.07	<0.7
D2 4416		<0.07	<0.7	D2 74831		<0.07	0.7
D2 4417		<0.07	0.7	D2 74832		<0.07	<0.7
D2 4418		<0.07	0.7	D2 74833		<0.07	<0.7
D2 4419		<0.07	0.7	D2 74834		<0.07	<0.7
D2 4420		<0.07	1.0	D2 74835		<0.07	<0.7
D2 4421		0.07	1.0	D2 74836		0.07	2.4
D2 4422		0.07	0.7	D2 74837		<0.07	1.7
D2 4423		0.07	0.7	D2 74838		0.07	1.7
D2 4424		0.14	1.0	D2 74839		0.07	2.7
D2 4425		<0.07	<0.7	D2 74840		<0.07	<0.7
D2 4426		0.27	4.8	D2 74841		<0.07	0.7
D2 4427		0.10	1.4	D2 74842		<0.07	<0.7
D2 4428		0.10	1.4				
D2 4429		0.07	1.7				
D2 4430		0.10	1.0				
D2 4431		0.10	<0.7				
D2 4432		0.10	0.7				
D2 4433		0.07	0.7				
D2 4434		<0.07	0.7				
D2 4435		0.07	0.7				
D2 4436		0.07	1.0				
D2 4437		0.10	1.0				
D2 4438		0.07	0.7				
D2 4439		<0.07	<0.7				
D2 4440		<0.07	<0.7				
D2 4441		<0.07	0.7				
D2 4442		0.07	7.9				
D2 4443		<0.07	1.4				
D2 4444		<0.07	2.1				
D2 4445		<0.07	1.4				
D2 4446		<0.07	0.7				
D2 4447		<0.07	2.7				
D2 4448		<0.07	0.7				
D2 4449		<0.07	<0.7				
D2 4450		<0.07	<0.7				

7/1/85 GS DB WM DP

APPENDIX IV
STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED

STATEMENT OF COST

PROJECT - Bowler Creek Group - Orell Option Date January 2, 1986

TYPE OF REPORT Soil Geochemistry, Linecutting and Drilling

a) Wages:

No. of Days	50			
Rate per Day	\$ 95.00			
Dates From:	July 15 to November 20, 1985			
Total Wages	50	X	\$ 95.00	\$ 4,750.00

b) Food and Accomodation:

No. of Days	50			
Rate per Day	\$ 22.80			
Dates From:	July 15 to November 20, 1985			
Total Cost	50	X	\$ 22.80	\$ 1,140.00

c) Transportation:

No. of Days	43			
Rate per Day	\$ 45.00			
Dates From:	July 15 to November 20, 1985			
Total Cost	43	X	\$ 45.00	\$ 1,935.00

d) Instrument Rental:

Type of Instrument				
No. of Days				
Rate per Day	\$			
Dates From:				
Total Cost				

e) Type of Instrumet

No. of Dyas				
Rate per Day	\$			
Dates From:				
Total Cost				

e) Analysis (See attached schedule)	\$ 4,460.55
f) Cost of preparation of Report	
Author	\$ 200.00
Drafting	\$ 200.00
Typing	\$ 100.00
g) Other:	
Contractor (Drilling and Cat rental)	\$ 39,500.00
Field Supplies	\$ 200.00
Total Cost	\$ 52,485.55

Unit costs for Linecutting

No of Days	8.6 km.	
No of Units:	\$ 186.05/km.	
Unit costs :	8.6 X \$ 186.05	
Total Cost :		\$ 1,600.00

Unit costs for Soil Geochemistry

No. of Units:	342 samples	
Unit Costs :	\$ 11.05/sample	
Total Cost :	342 X \$ 11.05	\$ 3,781.91

Unit costs for Drilling

No. of Units:	214.6 meters	
Unit Costs :	\$ 219.49 per meter	
Total Cost :	214.6 X \$ 219.49	\$ 47,103.64

Total Cost	\$ <u>52,485.55</u>
------------	---------------------

NORANDA EXPLORATION COMPANY, LIMITED
(WESTERN DIVISION)

DETAILS OF ANALYSES COSTS

PROJECT: Bowler Creek Group

<u>ELEMENT</u>	<u>NO. OF DETERMINATIONS</u>	<u>COST PER DETERMINATION</u>	<u>TOTAL</u>
<u>Soil Geochemistry</u>			
Cu	342	1.60	547.20
Pb	342	0.60	205.20
Zn	342	0.60	205.20
Ag	342	0.60	205.20
Au	342	3.50	1,197.00
Sample Preparation	0.50 X 342		<u>171.00</u>
Total Cost			\$ <u>2,530.80</u>
 <u>Drill Core (Bondar Clegg)</u>			
Cu	57	2.00	114.00
Pb	57	1.00	57.00
Zn	57	1.00	57.00
Ag	57	5.75	327.75
Au	57	5.75	327.75
As	57	3.75	213.75
Sample Preparation	\$ 3.75 X 57		<u>213.75</u>
Total Cost			\$ <u>1,311.00</u>

NORANDA EXPLORATION COMPANY, LIMITED
(WESTERN DIVISION)

DETAILS OF ANALYSES COSTS

PROJECT: Bowler Creek Group

<u>ELEMENT</u>	<u>NO. OF DETERMINATIONS</u>	<u>COST PER DETERMINATION</u>	<u>TOTAL</u>
<u>Drill Core Geochemistry</u> (Echo - Tech Labs)			
Cu	27	1.25	33.75
Pb	27	1.25	33.75
Zn	27	1.25	33.75
Ag	27	1.25	33.75
Au	27	6.75	182.25
As	27	3.75	101.25
<u>Assays</u>			
Pb	9	6.25	56.25
Zn	9	6.25	56.25
Sample Preparation	\$ 3.25 X 27		<u>87.75</u>
Total Cost			\$ 618.75
Grand Total			\$ <u>4,460.55</u>

APPENDIX V
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

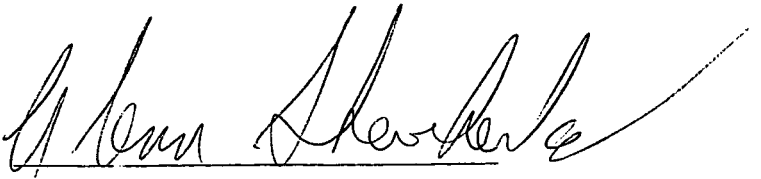
I, Glenn Shevchenko of the City of Vancouver, Province of British Columbia do hereby certify that:

I am a geologist residing at 1090 Parker Street, White Rock, B.C.

I graduated from Concordia University, Montreal, Quebec in 1982 with a Bachelor of Science Degree in Geology.

I have worked in mineral exploration since 1977 and have practised my profession since 1982.

I am presently employed with Noranda Exploration Company, Limited, and have been since May, 1984.



Glenn Shevchenko

STATEMENT OF QUALIFICATIONS


I, Les Demczuk of the City of Vancouver, Province of British Columbia do hereby certify that:

I am a Mining Geologist Engineer residing at 210 - 1860 Nelson Street, Vancouver, B.C.

I graduated from University of Mining and Metallurgy Krakow, Poland in 1977 with Master of Science Degree in Geology.

I have worked in mineral and coal exploration since 1977 and have practised my profession since 1977.

I am temporarily employed with Noranda Exploration Company, Limited, and have been since June, 1985.



Les. Demczuk.



LEGEND

DDH
○ Diamond Drill Hole

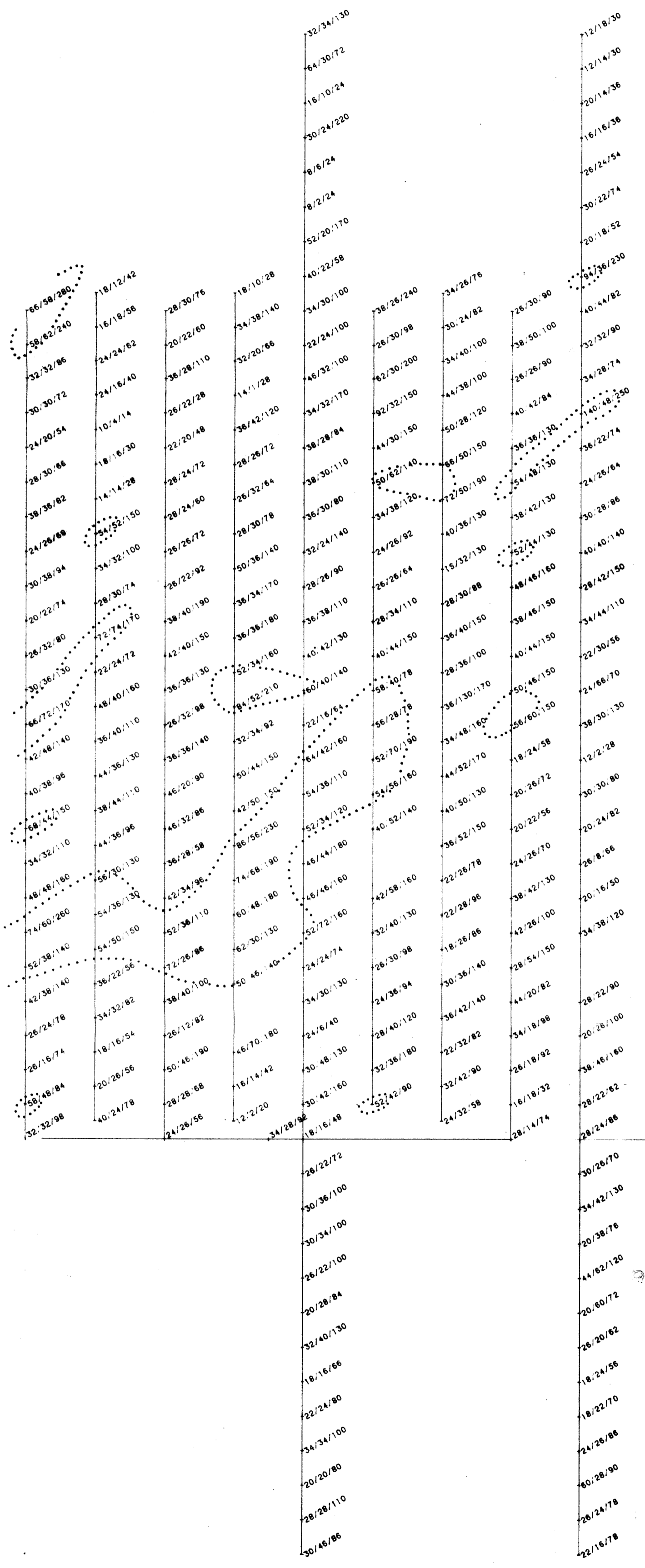
GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,681 SCALE
1:5000

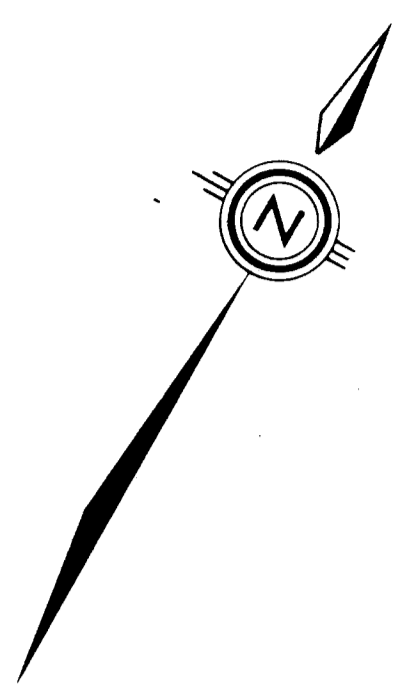


REVISED	ORELL OPTION		
	BOWLER CREEK CLAIM GROUP		
	GRID & D.D.H. LOCATIONS		
PROJ. No. 25	SURVEY BY: J. K. H. R.	DATE: Feb/85	
DWG. No. 2	DRAWN BY: J. K. H. R.	SCALE: 1:5000	
	NORANDA EXPLORATION		
	OFFICE: Vancouver		

8000 E
8050 E
8100 E
8150 E
8200 E
8250 E
8300 E
8350 E
8400 E



— 121+00 N
— 120+00 N
— 119+00 N
— 118+00 N
— 117+00 N
— 116+00 N
— 115+00 N
— 114+00 N
BL 113+00 N
— 112+00 N
— 111+00 N
— 110+00 N



LEGEND

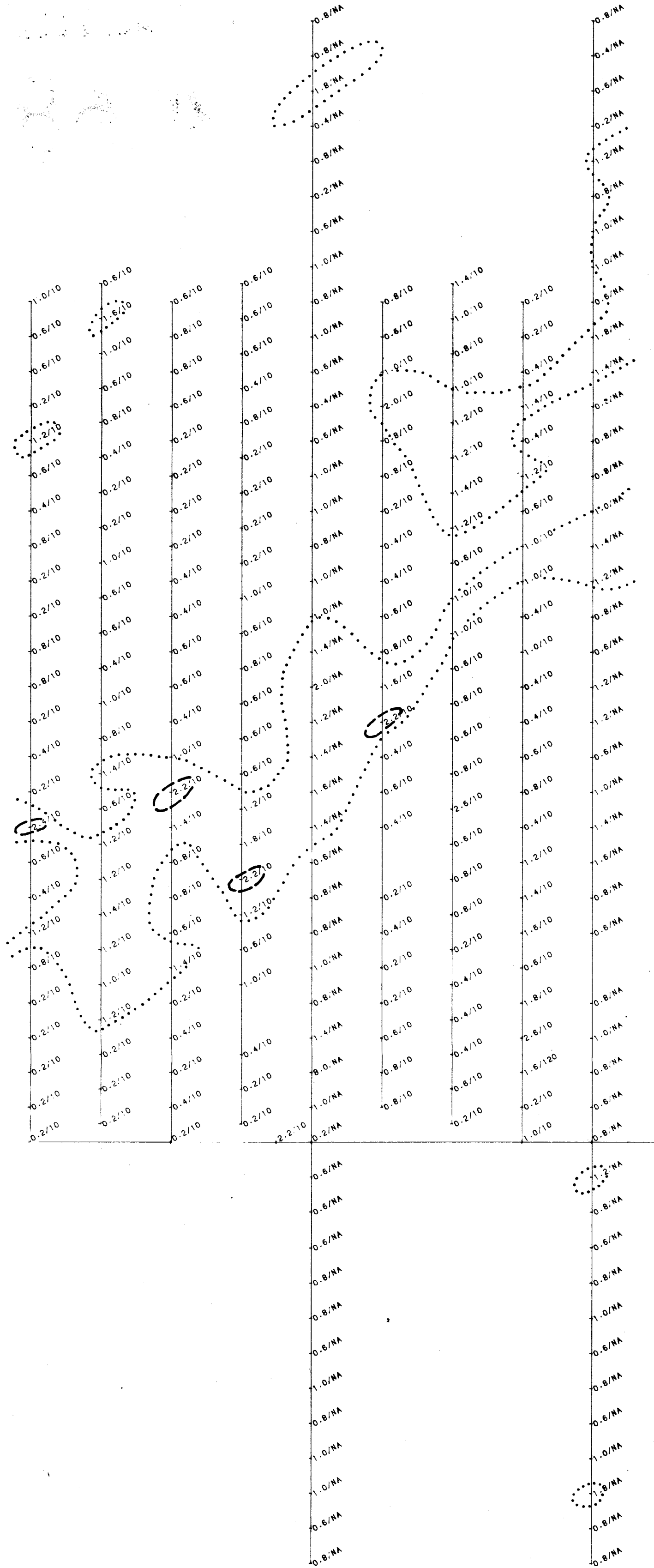
- Threshold Cu (50 to 150 ppm)
- | 20/18/80 Cu /Pb /Zn Values in ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

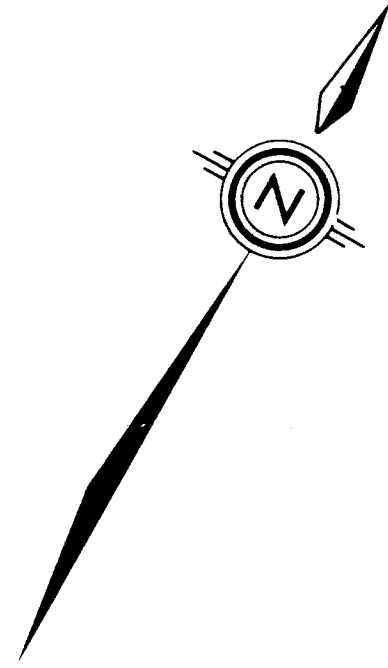
14,681

REVISED	ORELL OPTION—HARRY GRID	
	CONTOURED SOIL GEOCHEMISTRY Cu (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No.	NORANDA EXPLORATION	
5	OFFICE: VANCOUVER	

8000 E 8050 E 8100 E 8150 E 8200 E 8250 E 8300 E 8350 E 8400 E



— 121+00 N
 — 120+00 N
 — 119+00 N
 — 118+00 N
 — 117+00 N
 — 116+00 N
 — 115+00 N
 — 114+00 N
 — 113+00 N
 — 112+00 N
 — 111+00 N
 — 110+00 N



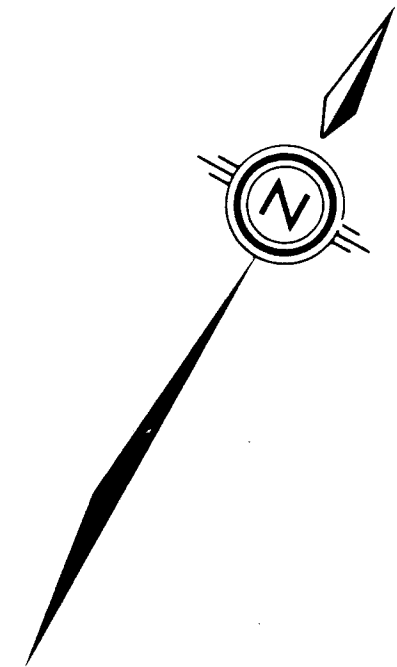
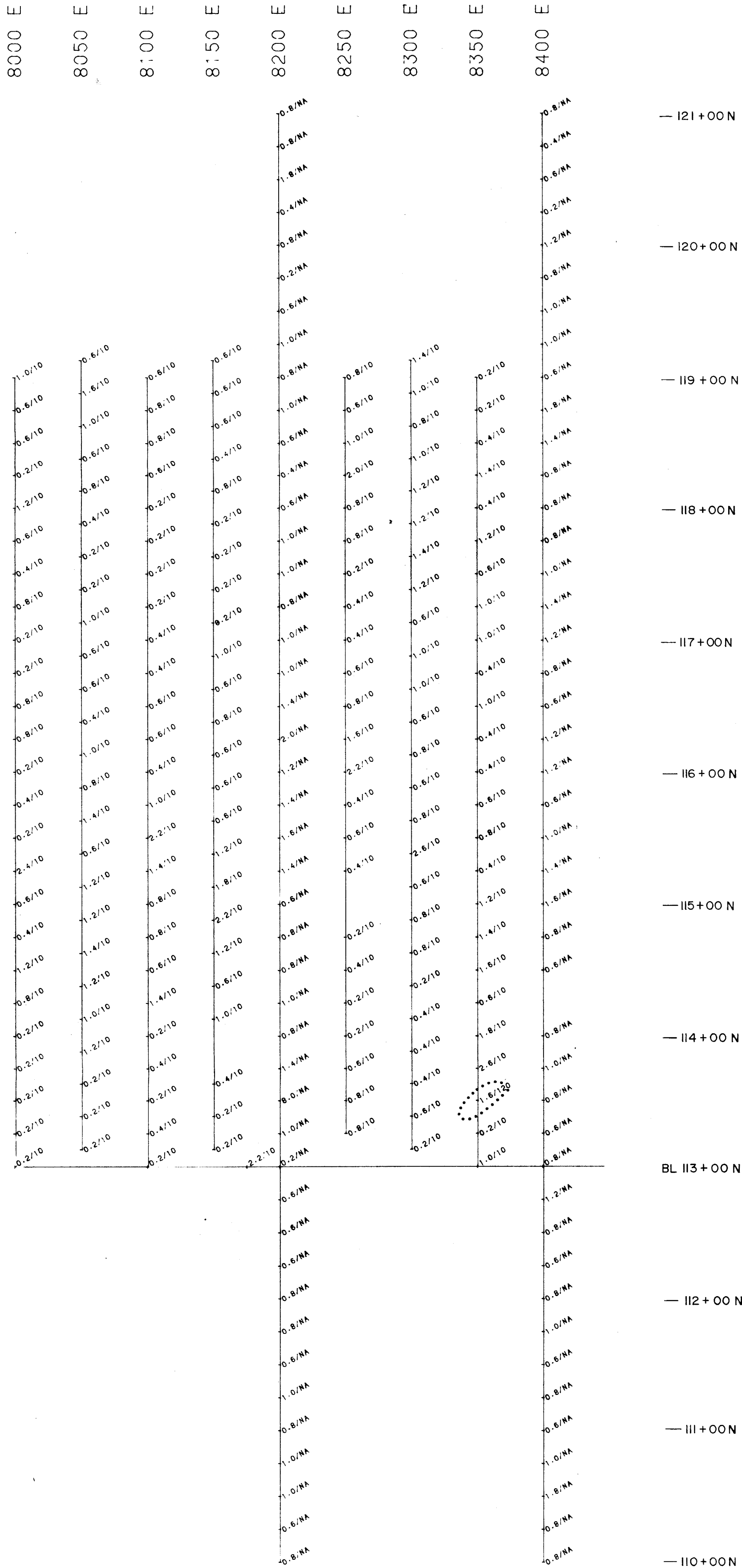
LEGEND

- Threshold Ag (1.0 to 2.0 ppm)
- Anomalous Ag (2.1 to 4.0 ppm)
- | 1.2/10 Ag (ppm) / Au (ppb) Values

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

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REVISED	ORELL OPTION—HARRY GRID	
	CONTOURED SOIL GEOCHEMISTRY Ag (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN./1986
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1:2500
DWG No. 4	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



— 121+00 N

— 120+00 N

— 119+00 N

— 118+00 N

— 117+00 N

— 116+00 N

— 115+00 N

— 114+00 N

BL 113+00 N

— 112+00 N

— 111+00 N

— 110+00 N

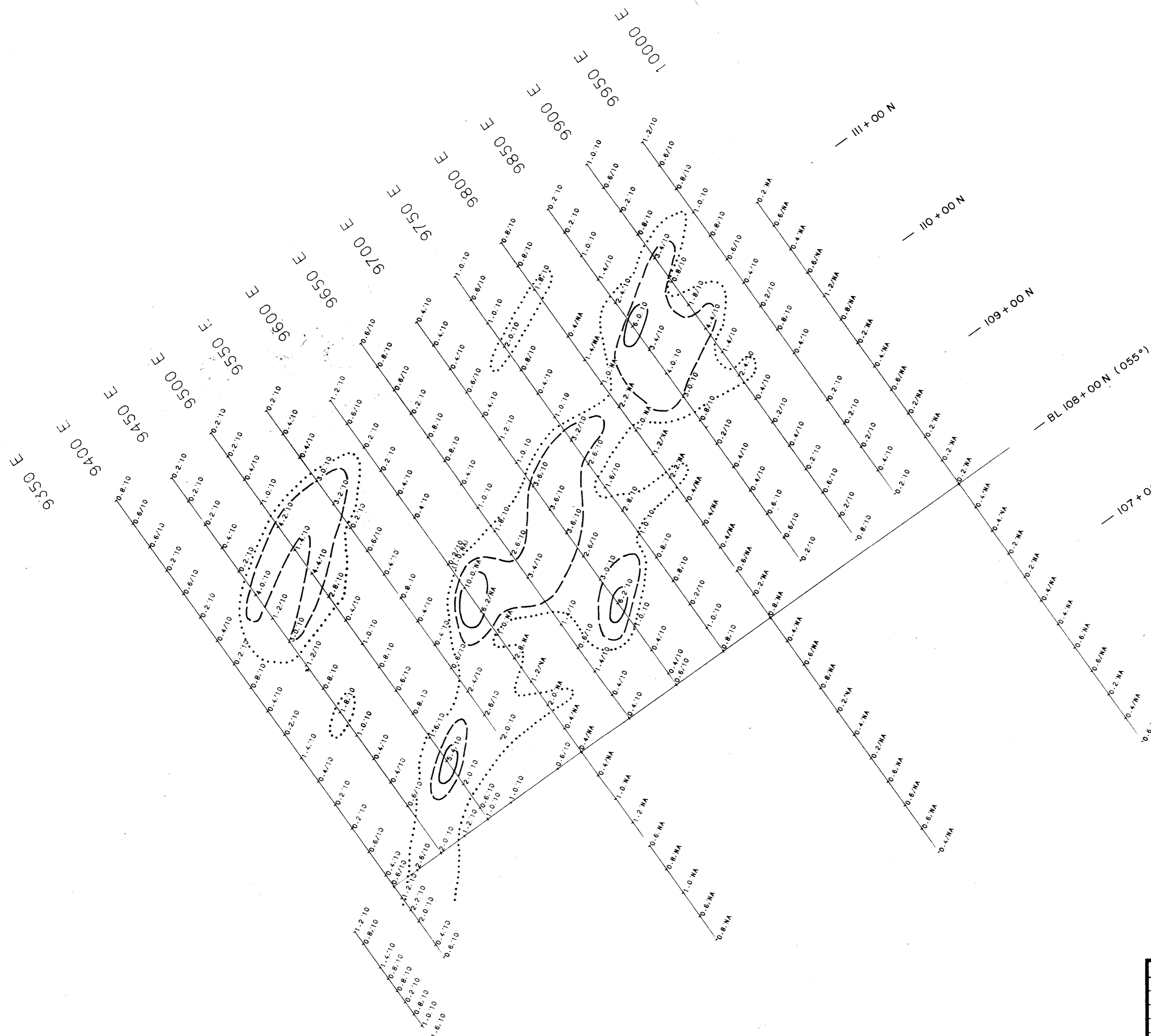
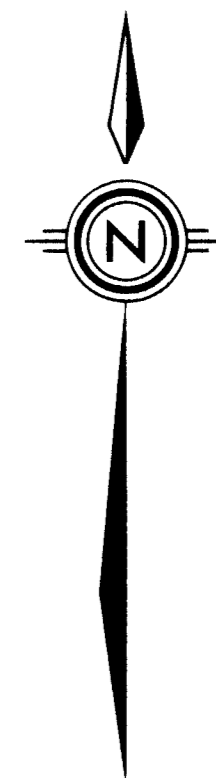
LEGEND

○ Threshold Au (20 to 200 ppb)
 | 1.2/10 Ag (ppm) / Au (ppb) values

**GEOLOGICAL BRANCH
 ASSESSMENT PROGRAM**

14,681

REVISED	ORELL OPTION-HARRY GRID	
	CONTOURED SOIL GEOCHEMISTRY Au (ppb)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN./1986
NTS: 82 M	DRAWN BY: J. Serwin	SCALE: 1:2500
DWG. No. 3	NORANDA EXPLORATION OFFICE: VANCOUVER	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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LEGEND

- ⋯ Threshold Ag (1.5 to 3.0 ppm)
- - - Anomalous Ag (3.1 to 5.0 ppm)
- Very Anomalous Ag (>5.0 ppm)
- |.4/10 Ag (ppm) / Au (ppb) Values

REVISED	ORELL OPTION - DICK GRID	
	CONTOURED SOIL GEOCHEMISTRY Ag (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82M	DRAWN BY: J. Serwin	SCALE: 1:2500
DWG No 8	NORANDA EXPLORATION OFFICE VANCOUVER	



— 121+00 N

— 120+00 N

— 119+00 N

— 118+00 N

— 117+00 N

— 116+00 N

— 115+00 N

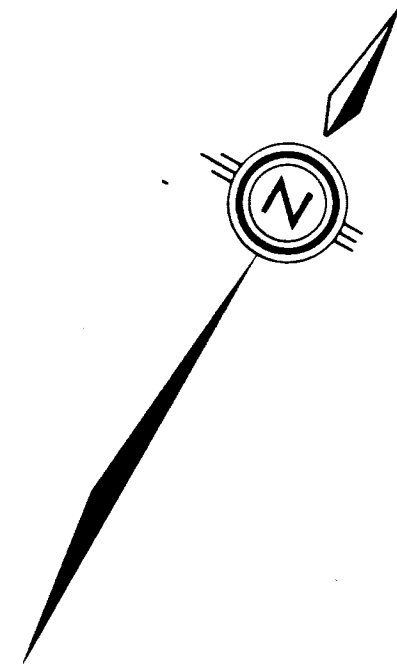
— 114+00 N

— 113+00 N

— 112+00 N

— 111+00 N

— 110+00 N



LEGEND

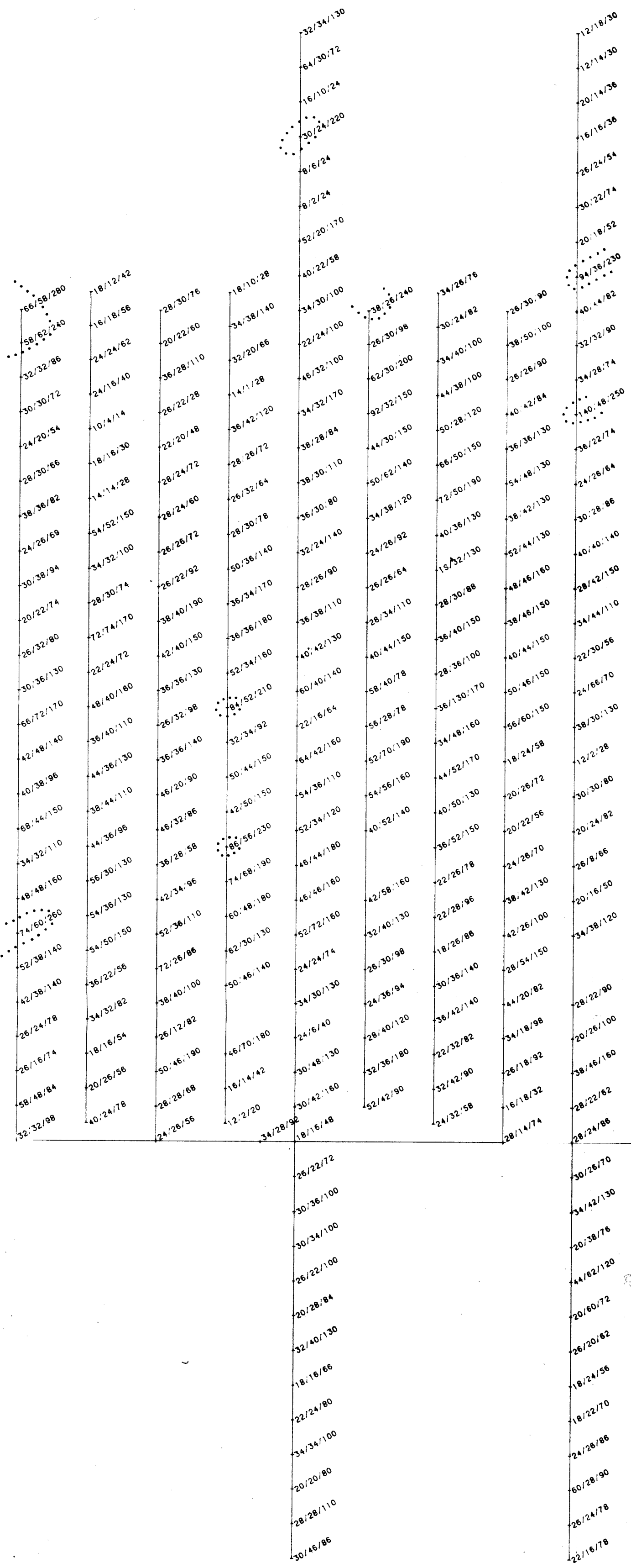
- Threshold Pb (50 to 100 ppm)
- 20/18/80 Cu/Pb/Zn Values in ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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REVISED	ORELL OPTION—HARRY GRID	
	CONTOURED SOIL GEOCHEMISTRY Pb (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No. 6	NORANDA EXPLORATION OFFICE: VANCOUVER	

8000 E
8050 E
8100 E
8150 E
8200 E
8250 E
8300 E
8350 E
8400 E



— 121+00 N

— 120+00 N

— 119+00 N

— 118+00 N

— 117+00 N

— 116+00 N

— 115+00 N

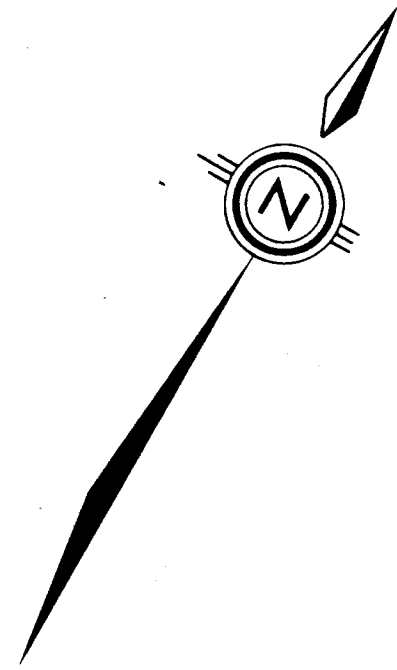
— 114+00 N

BL 113+00 N

— 112+00 N

— 111+00 N

— 110+00 N



LEGEND

○ Threshold Zn (200 to 400ppm)

— 20/18/80 Cu/Pb/Zn Values in ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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REVISED	ORELL OPTION—HARRY GRID	
	CONTOURED SOIL GEOCHEMISTRY Zn (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No. 7	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



— 121+00 N

— 120+00 N

— 119+00 N

— 118+00 N

— 117+00 N

— 116+00 N

— 115+00 N

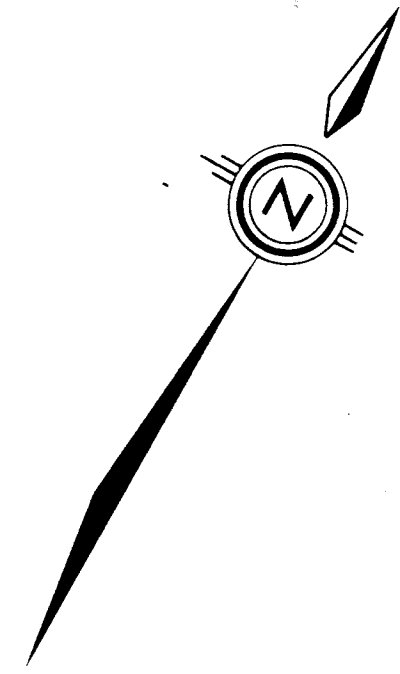
— 114+00 N

BL 113+00 N

— 112+00 N

— 111+00 N

— 110+00 N



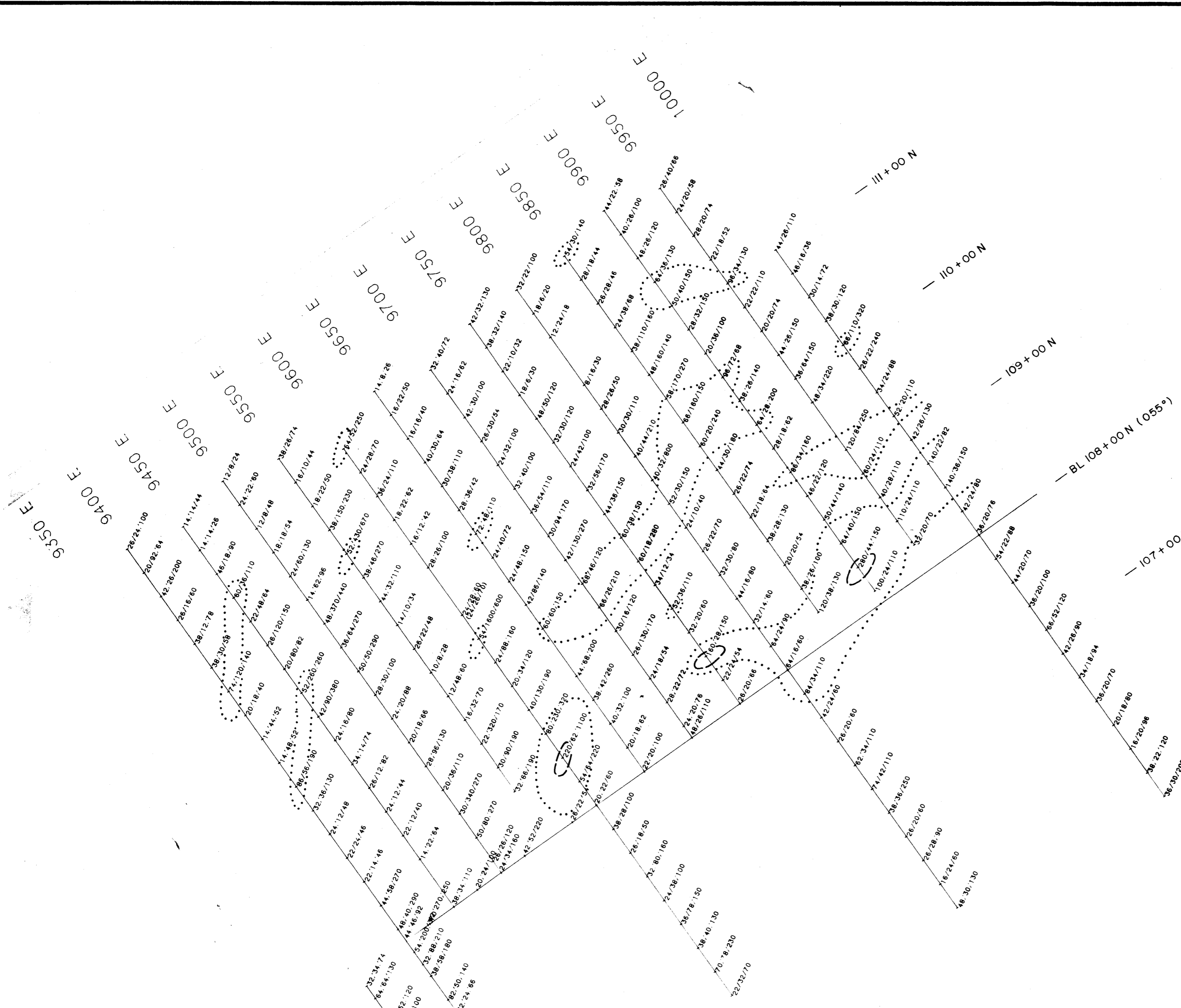
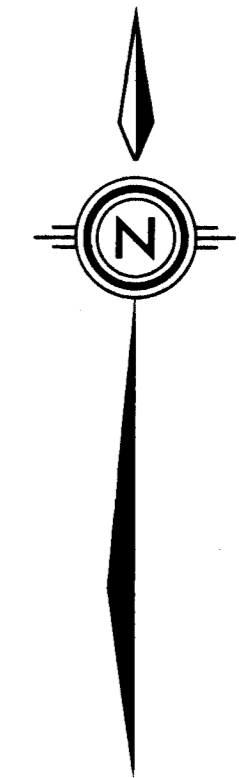
LEGEND

○ Threshold Zn (200 to 400ppm)
 | 20/18/80 Cu/Pb/Zn Values in ppm

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

14,681



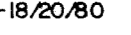
REVISED	ORELL OPTION—HARRY GRID	
	CONTOURED SOIL GEOCHEMISTRY Zn (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
NTS. 82 M	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No.	NORANDA EXPLORATION	
7	OFFICE VANCOUVER	



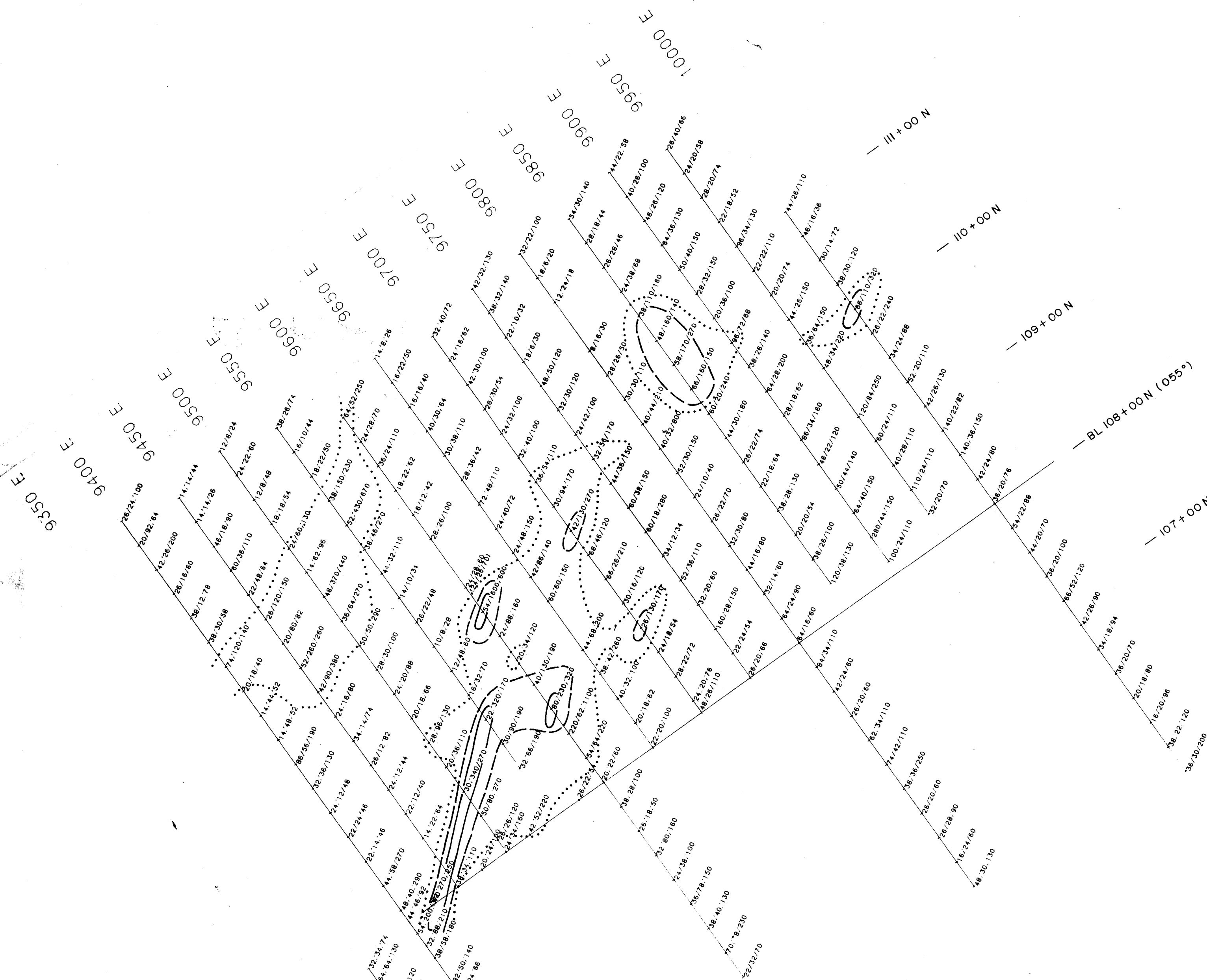
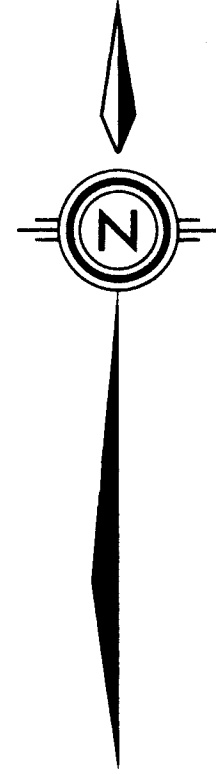
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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LEGEND

-  Threshold Cu (50 to 150ppm)
-  Anomalous Cu (>150 ppm)
-  18/20/80 Cu / Pb / Zn Values in ppm


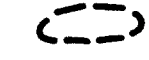


REVISED	ORELL OPTION - DICK GRID	
	CONTOURED SOIL GEOCHEMISTRY Cu (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No.	NORANDA EXPLORATION	
9	OFFICE: VANCOUVER	



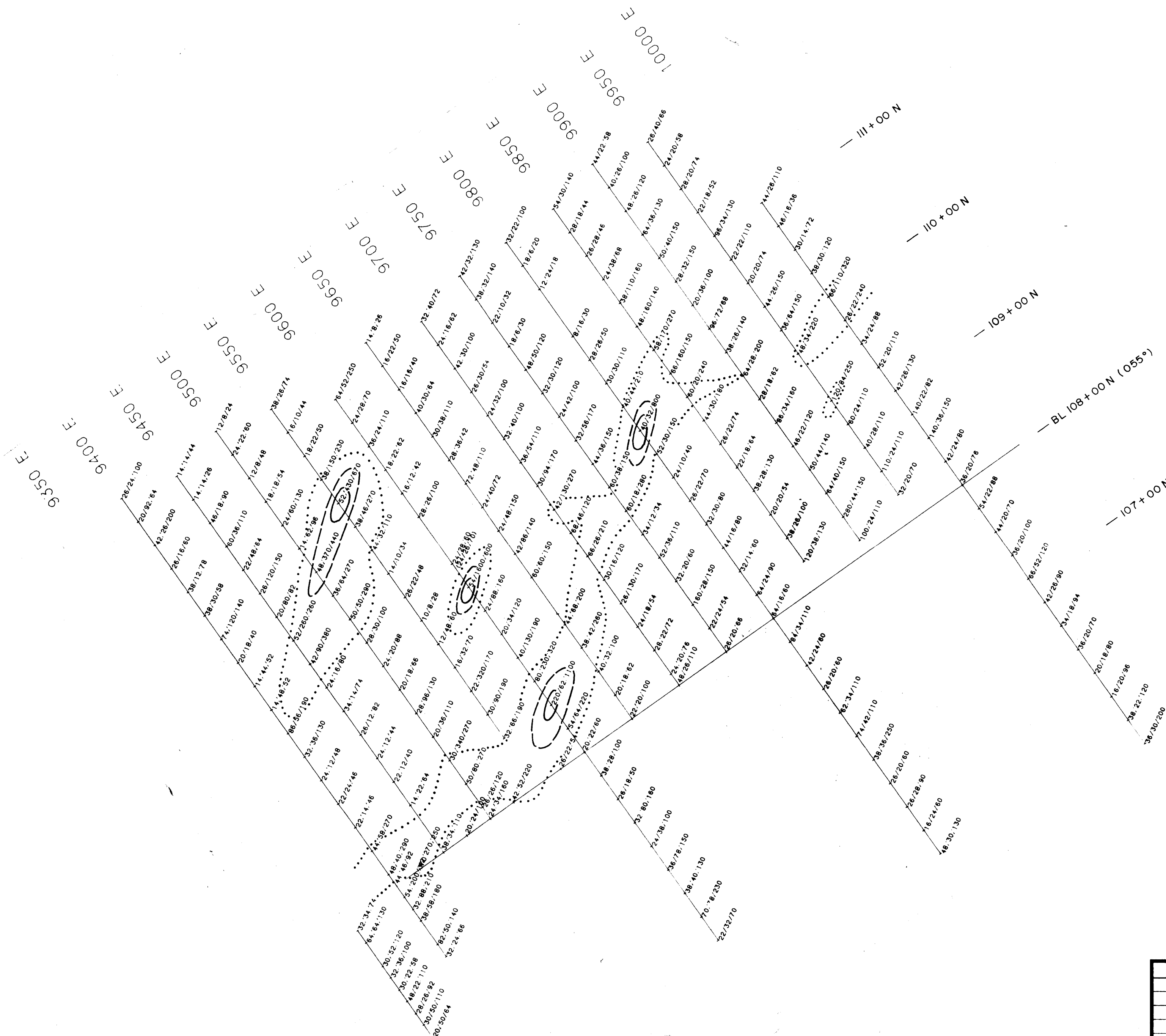
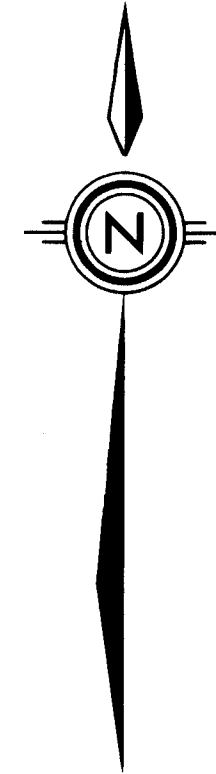
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,681

LEGEND

-  Threshold Pb (50 to 100ppm)
-  Anomalous Pb (101 to 200 ppm)
-  Very Anomalous Pb (>200 ppm)
-  20/18/80 Cu /Pb/Zn Values in ppm




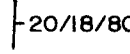
REVISED	ORELL OPTION - DICK GRID	
	CONTOURED SOIL GEOCHEMISTRY Pb (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82 M.	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No. 10	NORANDA EXPLORATION OFFICE VANCOUVER	



**GEOLOGICAL BRANCH
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LEGEND

-  Threshold Zn (200 to 400ppm)
-  Anomalous Zn (401 to 600 ppm)
-  Very Anomalous Zn (>600ppm)
-  20/18/80 Cu / Pb / Zn Values in ppm

REVISED	ORELL OPTION - DICK GRID	
	CONTOURED SOIL GEOCHEMISTRY Zn (ppm)	
PROJ. No. 425	SURVEY BY: G.S.	DATE: JAN. / 1986
N.T.S. 82 M	DRAWN BY: J. Serwin	SCALE: 1: 2500
DWG. No. II	NORANDA EXPLORATION OFFICE: VANCOUVER	