GEOLOGICAL, GEOCHEMICAL

ASSESSMENT REPORT ON

THE CROYDON PROPERTY

N.T.S.: MAPSHEET 94D/8 & 9

Author: D.G. Gill
Operator: Hemlo Gold Mines Inc.
Date: September, 1994

TABLE OF CONTENTS

APPENDICES

DRAWINGS

		SCALE
Drawing 1:	Location	1:2,000,000
Drawing 2:	Claim Location	1:50,000
Drawing 3:	Regional Geology	1:50,000
Drawing 4:	Detailed Geology	1:5,000
Drawing 5:	Rock Sample Location & Alteration	1:5,000
Drawing 6:	Structure	1:5,000
Drawing 7:	Gold Soil Geochemistry	1:5,000

1.0 INTRODUCTION

During the period between June 14 and July 8, 1994, Noranda Exploration Company, Limited conducted prospecting, soil and rock geochemistry, and mapping on the Croydon Property.

The focus of the exploration programme described in this report was to delineate stratigraphy and intrusive activity favourable for producing and/or hosting Au mineralization.

1.1 Location and Access (See Drawing 1)

The Croydon project area is located approximately 200 km north-northeast of Smithers, B.C. on N.T.S. Mapsheets 94D/8E & 9E in the Omineca Mining Division.

Camp mobilization was achieved by helicopter based at Johanson Lake.

1.2 Topography and Physiography

The Croydon project area is situated within the Osilinka Ranges and is located south-southeast of Johanson Lake. All of the area is above treeline with elevations ranging from 1500 to 2330 meters. The project area is drained by Kliyul Creek to the south and the headwaters of Lay Creek to the north.

1.3 History

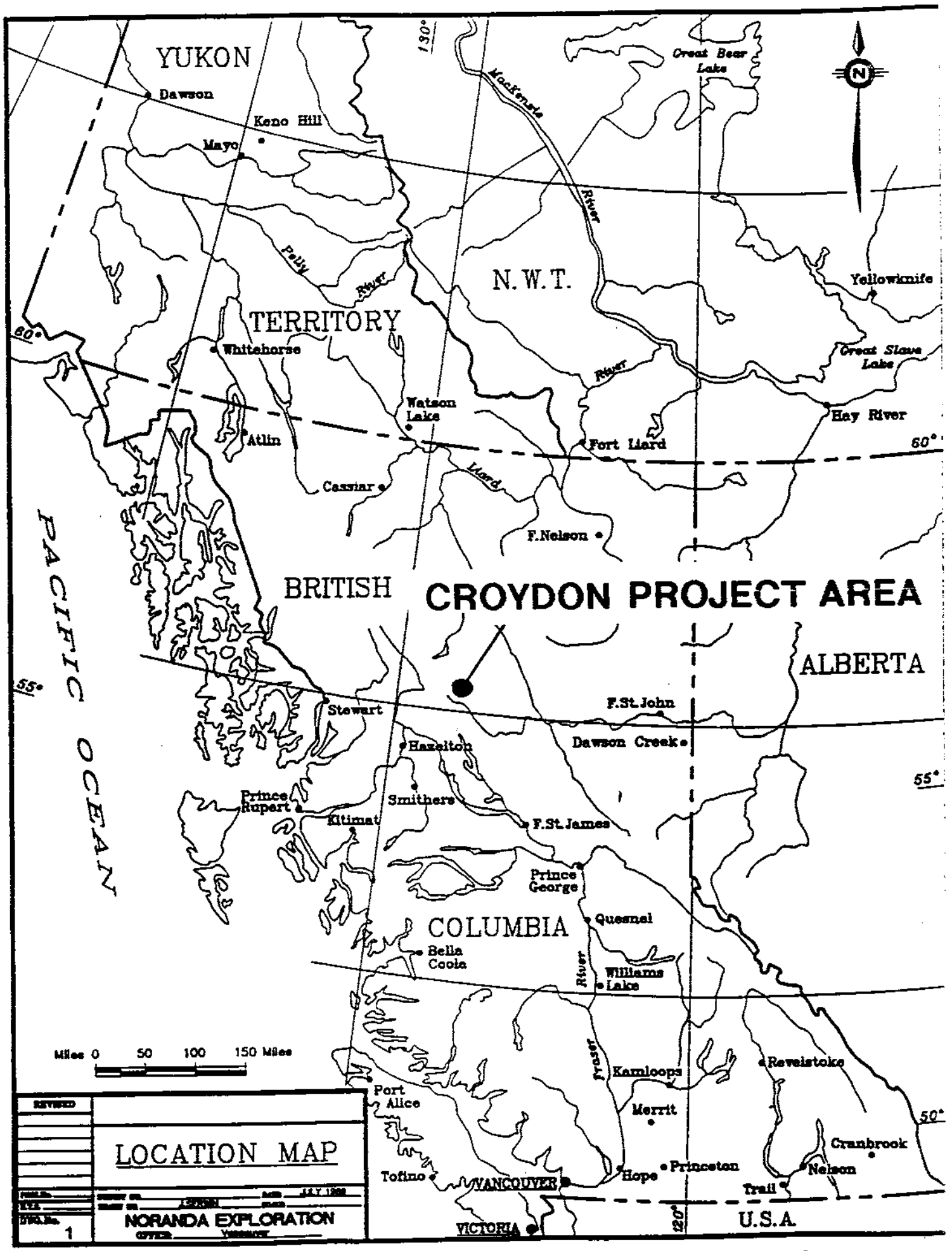
Below is a brief outline of documented work performed on the property in chronological order.

1974-1975: BP Minerals Ltd. completed geological, geochemical and geophysical (mag/JEM) over the Bap mineral claims which overly intensely sheared, clay-sericite altered feldspar porphyry volcanics/intrusives and auriferous quartz veins.

1976: Maxmin (EM) surveying completed over the Bap claims by BP Minerals Ltd.

1982: A trace element study was performed by BP Minerals on previously collected samples from the Bap claims.

1984: After obtaining the KC 1 & 2 mineral claims and conducting preliminary sampling and prospecting, Golden Rule Resources Ltd. completed further geological, geochemical and geophysical (magnetics) surveys.



REVISED	

LOCATION MAP

NORANDA EXPLORATION

1

1985: Further geological, geochemical and geophysical work (magnetics, VLF) was performed by Golden Rule Resources Ltd. on the KC 1 & 2 claims.

1986: Soil surveying was performed by Lemming Mining Resources for BP Resources on the Bap claims.

Ritz Resources Ltd. for Goldnev Rule Resources Ltd. performed further geological, geochemical and geophysical (magnetics, VLF) work on the KC 1 & 2 claims.

1992: Noranda Exploration Company, Ltd. conducted 1:5,000 geological mapping on part of the Croydon property, concentrating on alteration assemblages as well as rock sampling.

1.4 Claims

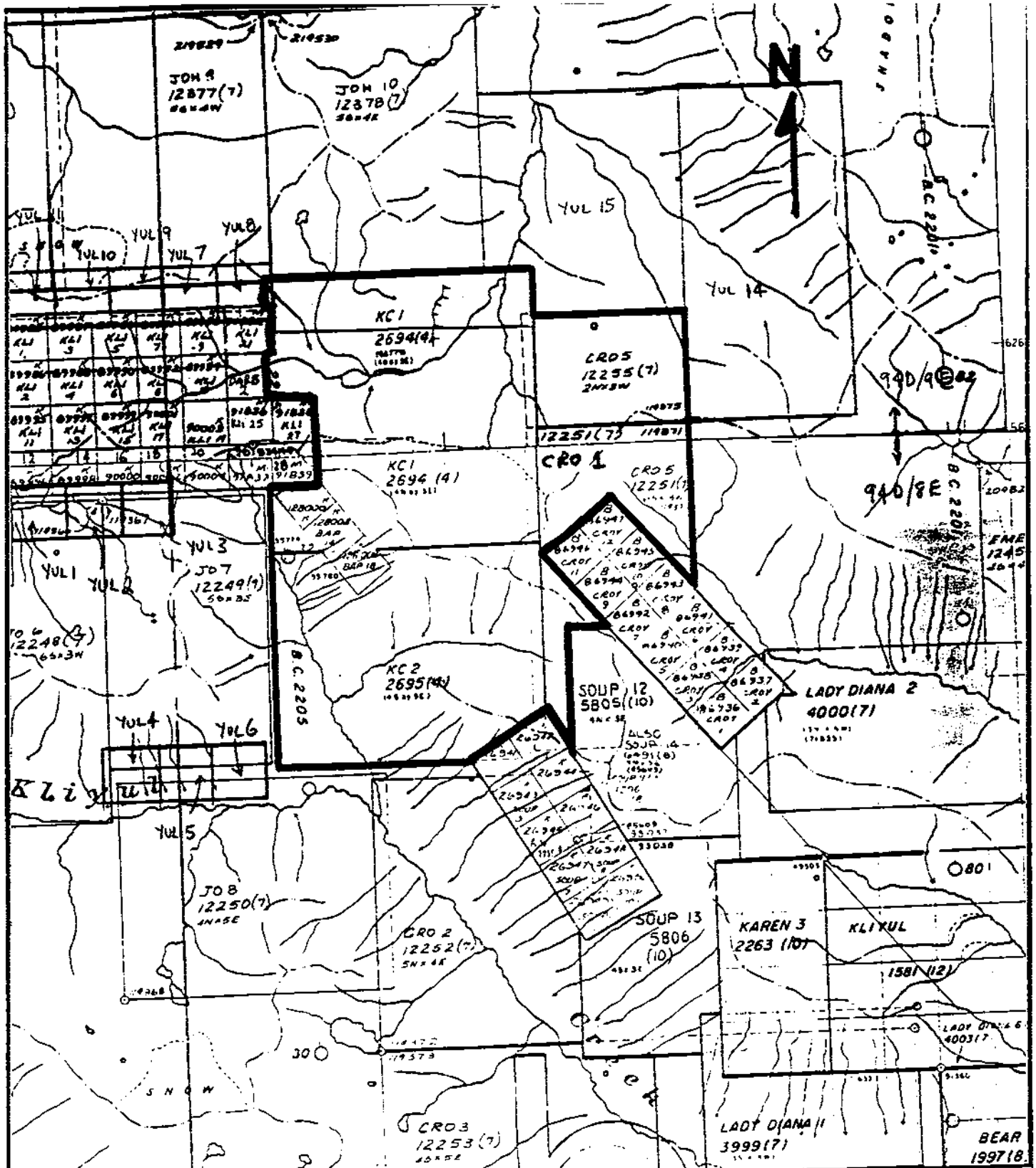
The claims which comprise the Croydon property are listed below with tenure numbers, expiry dates and owners.

CLAIM	TITLE	UNITS	EXPIRY DATE	OWNER
BAP 10	245780	1	August 13, 2000	Golden Rule Resources Ltd. & Trinity Control Ltd.
BAP 14	245781	1	August 13, 2000	" "
BAP 18	245782	1	August 13, 2000	" "
KC 1	238258	20	April 8, 2000	" "
KC 2	238529	20	April 8, 2000	" "
CRO 1	242401	18	July 14, 1997	Golden Rule Resources Ltd.
CRO 5	242405	6	July 14, 1997	" "

Please refer to the Statement of Exploration forms at the beginning of this report for further clarification of assessment and work performed on each claim. Following is a map showing the claim group involved.

1.5 Economic Potential

The Croydon project area is considered to be ideal for hosting high-grade Cu-Fe-Au skarn deposits and/or bulk-tonnage Au-Cu deposits for the following reasons.



REVISED	**CLAIM LOCATION**
	CROYDON GROUP
PROJ No.	SURVEY BY: DATE: SEPT. 1994
NTS 940/8E9	DRAWN BY: DGG SCALE: 1:50,000
DWG. N 2	**NORANDA EXPLORATION**
	OFFICE: VANCOUVER

1. Favourable stratigraphy (Takla Volcanics) and related intrusive complexes (monzonites - diorites) which form the northern part of the Hogem Batholith, a large hydrothermal cell associated with known porphyry Cu deposits (Mt. Milligan).

2. Known Cu-Fe-Au skarn occurrences exist on adjacent properties.

3. The positioning between the Cu-rich porphyry systems to the south and Au-Cu rich porphyry and epithermal deposits to the north (Kemess/Cheni) may suggest a more Au-rich zonation as one moves northward from the Hogem Batholith.

1.6 Survey Control

The surveying of the flagged and picketed grid lines was conducted with the aid of a compass and metric hipchain and were tied into topographic features, lakes and drainages. All lines were slope corrected. A total of 26.9 line kilometers of grid was established.

1.7 Sampling

Soil sampling was conducted along metrically chained lines with samples taken every 50 meters apart to the depth of 20-40 cm with the aid of a shovel or mattock. Soils were collected in brown Kraft envelopes for drying, storage and shipping purposes and sent to Noranda Exploration Laboratory at Unit #1, 7550 - 76th Street, Delta, B.C. (as were all other samples).

Rock samples were collected as grabs or chips across certain widths whenever representative, altered and/or mineralized formations were encountered.

Please refer to Appendix I for the laboratory analytical techniques and Appendix II & III for sample assay values and descriptions where applicable.

A total of 324 soils and 85 rocks and their accompanying analytical charges are being applied for assessment.

2.0 GEOLOGY

2.1 Regional Geology (See Drawing #3)

The Croydon property is situated within the Intermontane Belt which is comprised of Upper Triassic to Lower Jurassic island arc volcanics, volcaniclastics and minor sediments of the Takla Group which hosts such Cu-Au porphyry deposits as Mt. Milligan and Kemess. This dominantly volcanic package has been intruded by Jura-Cretaceous aged diorites, monzonites and syenites associated with the Hogem Batholith.

Prominent structural features in the area include NW, E-W, N-S and NNE-SSW trending fault systems.

2.2 Detailed Geology

Geological surveying of the Croydon property was conducted at 1:5,000 scale using flagged, metrically chained, slope corrected grid lines and topographic bases for control. The resulting maps (Drawings #4, 5 & 6) show rock types, rock sample locations and alteration as well as structural information.

Mapping has confirmed that the survey area is underlain by a late Triassic aged volcano-sedimentary succession of Takla Group rocks intruded by Triassic-Jurassic aged gabbro/pyroxenites, monzonites, syenites and diorites and Cretaceous aged monzonites/granodiorites. These are separated into 9 mappable units which are described below and exist in a northwest trending, eastward dipping succession.

Unit 1 is described as andesite volcaniclastics which consist of massive, medium green coloured, crystal and crystal/lithic tuffs. Crystal composition is mainly feldspars which are 1-3 mm, white, blocky and broken. Fragments observed are monolithic, feldspar phyric volcaniclastics similar to the host matrix and range in size from 2 mm to 1 cm. Fragment content makes up less than 1% of the rock.

At the top (east) of the volcaniclastics and below the augite porphyry unit is an andesite breccia. The majority of the clasts are monolithic and appear to be similar in composition to the matrix; feldspar phyric andesite in a chloritic groundmass and feldspar crystals to 3 mm. The clasts are subangular to subrounded and range in size from less than 1 cm to 30 cm. The brecciated texture is generally difficult to see, especially fresh, broken surfaces. In rare occasions the clasts consist of unaltered, medium grey, silty limestone.

Epidote alteration occurs throughout this unit and varies from weak to strong. Locally pervasive carbonate alteration is present towards the top of the unit.

DARB LAKE

LAY CK.

N

CROYDON GROUP

KLIYUL CLAIMS

KLIYUL CK.

SOUP CLAIMS

DORATELLE CK.

LEGEND

INTRUSIVES

4 DIORITE, MONZONITE, SYENITE

ULTRAMAFIC ROCKS (PYROXENITE)

TAKLA VOLCANICS (UP. TRIASSIC)

2 ANDESITES

SEDIMENTS (ss, arg. lst.) 3

★ OCCURRENCES

REGIONAL GEOLOGY

KLIYUL CREEK AREA

0 1 2 3 4 5 KMS

SCALE 1:50,000

Lying stratigraphically above the andesite volcaniclastics are rocks of Units 2 and 3 which consist of fine grained, thinly laminated, grey to black, rusty weathering argillites and grey, medium grained to black, gritty, fine grained limestone. These 2 units mark a period of quiescence between the lower feldspar phyric andesite and the upper augite porphyry flows and flow breccias of Unit 4. These rocks are described as dark grey-green in color with massive blocky fracturing which form prominent rugged ridge crests. Generally both the flows and flow breccias (monolithic) are porphyritic with euhedral to subhedral pyroxene phenocrysts to 5 mm and 1-2 mm euhedral feldspar crystals and locally appear non-porphyritic and fine grained. Magnetism of these rocks varies from weak to strong. Augite porphyry dykes are also observed cutting underlying stratigraphy.

The remaining units observed on the Croydon property consist of a series of intrusive rocks ranging from gabbro through syenite.

Unit 5 is described as a gabbro complex which contains abundant 3-5 mm euhedral to subhedral pyroxene crystals, is strongly magnetic and exhibits epidote altered feldspars.

Marginal to the gabbro is a melanocratic, hornblende-biotite diorite which locally grades to leucocratic. It is variably magnetic with the more mafic-rich phase having the strongest magnetic signature. This diorite (Unit 6) also occurs as an elongated stock in the southeast portion of the grid and as dykes/sills as part of the sheeted dyke complex primarily composed of monzonite. The diorite is grey-green, fine grained, equigranular, hornblende rich with weak to strong chlorite alteration and is locally epidotized.

Unit 7 consists of orange weathering, light grey-green monzonite which contains more than 60% feldspar and is fine to medium grained and equigranular. Weathering of this unit creates massive, block fracturing. The monzonite occurs as a large stock in the southern portion of the grid and as a sheeted dyke complex occurring mainly between Lines 646N through 656N.

A light to salmon pink colored quartz monzonite/syenite body with varying amounts of hornblende occurs as poorly exposed outcrops except in the Kliyul Creek valley. This unit (8) forms distinctive pink-orange to buff coloured, unvegetated soil patches along the lower elevations in the central portion of the grid.

The last unit (9) observed is described as a pinkish grey weathering, medium grained granodiorite which is weakly magnetic and contains up to 30% hornblende and biotite, both of which alter to chlorite. This unit is seen as small stocks and plugs intruding the older stratigraphy in the central-southcentral portions of the grid.

2.2.1 Alteration (See Drawing 5)

The most visually striking area of the surveyed grid is a large gossanous zone occurring on the Bap 10, 14 and 18 mineral claims. This is attributed to the following three types of alteration.

1. Silica alteration of the andesite volcaniclastics which is characterized by dark, brick red weathering due to the oxidation of up to 10% fine grained, disseminated silvery, colored pyrite within a grey-green, siliceous matrix. This alteration type is restricted to rocks grid north of line 65600N.

2. Propylitic alteration of the andesite volcaniclastics characterized by dark orange weathering and a weakly to strongly chloritized matrix as well as epidotized/clay altered feldspars. Pervasive weak carbonate alteration occurs locally and the rock type contains from 0 to 4% fine grained disseminated, brassy yellow pyrite.

3. The third main alteration type is described as sericite-clay-pyrite (argillic) alteration of volcaniclastics and monzonite. This assemblage is characterized by light orange to yellow-white weathering due to pervasive sericitization and epidotization with or without feldspars altering to kaolinite. This alteration type occurs between lines 646N and 656N topographically below the upper gossanous areas and locally displays a distinct schistose fabric. The rusty fractures and local boxwork texture are indicative of leached pyrite although these areas can contain up to 10% non-weathered, very fine grained, disseminated silvery pyrite.

The two varieties of pyrite observed suggest at least 2 alteration events; propylitic (2) followed by a later silica-sericite rich event (1 & 3) leading to the destruction of the brassy, yellow pyrite and an introduction of the finer grained silvery pyrite.

2.2.2 Structure (See Drawing 6)

On the grid the predominant strike of the volcano-sedimentary package is northwest-southeast, with dips of 20° to 45° to the northeast. However, in the cirque to the northeast of the north portion of the grid strikes vary from northwest-southeast to northeast-southwest and the dip direction changes to one of southwest or southeast.

The strike of the foliations in both the altered monzonite and in the altered volcanic tuffs is generally conformable to the strike of the bedding, with dips to the northeast from 23° to 60°.

Several distinct narrow shear zones were noted. These can be separated into 2 events, one producing shears in an approximate east-west direction with dips to the north from 58° to 90° and the other producing shears oriented northwest-southeast and dipping steeply southwest and northeast.

Joint plane orientations appear to be both subparallel to and crosscutting the foliation.

3.0 ROCK GEOCHEMISTRY (see Drawing 5)

The rock geochemical programme conducted over the Croydon Property focused on the gossanous ridge covered by the Bap 10, 14 and 18 mineral claims and local rusty weathering pyritic horizons, some of which are associated with narrow shear zones. Refer to Appendix II for ICP results with corresponding sample numbers.

With the exception of one piece of float, all of the rocks sampled within the gossanous zone have Au <100 ppb. The sample of the anomalous float was collected from a zone of talus in which there are several fist size to larger boulders of similar rock, an epidote-magnetite skarn. It returned a gold value of 150 ppb Au. Prospecting the cliffs above the talus slope failed to reveal this particular rock type in outcrop.

Five rocks with gold values from 170 ppb Au to 2500 ppb Au were collected in a cirque to the northeast of the northeast part of the grid. Samples PM0173, PM0176, PM0177 and PM0181 were collected from talus boulders of andesite all approximately 20 cm x 40 cm. Pervasive iron carbonate was observed along with 5% disseminated pyrite. The boulders all displayed various degrees of silicification, ranging to extreme. Quartz veining was also evident. Sample PM0193 is a 1.5 m wide chip sample across a bull white quartz pod approximately 3 m x 1.5 m in dimension. Rusty pits were observed but visible sulphides were not evident.

In addition two samples, PM0117 and PM0121, with values of 1900 ppb Au and 170 ppb Au respectively were returned. Sample PM0117 is a 1.5 m wide chip collected from a shear zone located within a rafted limestone outcrop surrounded by andesite tuff. The shear was observed to be strongly magnetic with trace chalcopyrite and 15% disseminated pyrite. Malachite was evident on fracture faces. Sample PM0121 was collected from a strongly magnetic fracture zone within an andesite crystal tuff. The sample contained 10% disseminated pyrite.

4.0 SOIL GEOCHEMISTRY

The soil geochemical programme conducted over the Croydon property essentially focused on the gossanous ridge covered by the Bap 10, 14 and 18 mineral claims, favourable stratigraphy known to host skarn mineralization in other localities, monzodioritic intrusives, and anomalous geochemistry as outlined by previous operators. For the purpose of this report only the Au values are illustrated, and have been contoured at 100 ppb (Figure 7). Refer to Appendix III for ICP results with corresponding line and station coordinates.

GOLD

A large >100 ppb Au soil anomaly is located between lines 64600N and 66200N, centered at approximately 79400E (the base line). This anomalous zone varies from 100 m to 750 m in width and strikes for 1.6 km in a northwest direction. It is open to the northwest.

Contained within the >100 ppb Au zone are two parallel northwest striking secondary zones of >200 ppb Au, with values up to 3700 ppb Au. These lie between line 64600N and 65600N and are semi-coincident with the gossan/sericite alteration zones.

Gold values of >200 ppb Au are also found in the northeast part of the grid within a north facing cirque known to contain anomalous rock samples (see Rock Geochemistry).

5.0 CONCLUSIONS

The geological and geochemical programmes conducted on the Croydon Property in 1994 have led to the following conclusions.

1. Geochemical surveying duplicated the results of previous operators and outlined a northwest-southeast trending anomalous zone of >100 ppb Au in soils. Within this zone are two narrower parallel zones of >200 ppb Au.

2. Mapping has divided the gossanous rocks into 3 alteration types, propylitic followed by sericite-silica. Sericite-silica alteration equally affects both the andesitic volcaniclastics and the sheeted dyke complex of monzonite/diorite.

3. Rock geochemistry in the gossanous area returned gold values <50 ppb Au, but rocks to the northeast and southeast contained up to 2500 ppb Au.

At least one diamond drill hole is recommended in the area of the highest soil anomaly in order to get below the non-anomalous leached, altered surface rocks. Additional drilling should be considered depending on results of this initial hole.

REFERENCES

1. Assessment Report #15,538: Geological, Geochemical and Geophysical Report on the KC 1 & 2 Claims, Peter A. Christopher, Ph.D., P.Eng., October, 1986.

2. Assessment Report #14,416: Geological, Geophysical & Geochemical Report on the KC 1 & 2 Claims, Donald B. Cross, 1985.

3. Assessment Report #15,182: Soil Geochemistry on the Bap 10, 14, 18 Mineral Claims, C.M. Rebagliati, P.Eng., 1986.

4. Assessment Report #_____: Geological, Geochemical, Geophysical and Physical Assessment Report on the JOH, Darb, Croydon, Mariposite and Kliyul Properties, D.G. Gill, 1994.

APPENDIX I

LABORATORY ANALYTICAL TECHNIQUES

ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver.

Preparation of Samples:

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

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

Analysis of Samples:

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.4 g and chemical quantities are doubled relative to the above noted method for digestion.

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

Elements Requiring Specific Decomposition Method:

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

Arsenic - As: 0.2 - 0.3 g sample is digested with 1.5 ml of perchloric 70% and 0.5 ml of conc. nitric acid. A Varian AA-475 equipped with an As-EDL is used to measure arsenic content in the digest.

Barium - Ba: 0.1 g sample digested overnight with conc. perchloric, nitric and hydrofluoric acid; Potassium chloride added to prevent ionization. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest with an AA-475 complete with EDL.

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

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

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

Uranium - U: An aliquot from a perchloric-nitric decomposition, usually from the multi-element digestion, is buffered. The aqueous solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

N.B.: If additional elemental determinations are required on panned samples, state this at the time of sample submission. Requests after gold determinations would be futile.

LOWEST VALUES REPORTED IN PPM:

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

APPENDIX II

ROCK GEOCHEMICAL RESULTS AND DESCRIPTIONS

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: CROYDON – 45583 Geol.: G.G. Date received: JULY 07 LAB CODE: 9407–010

Material: 50 Rx Sheet: 1 of 2 Date completed: JULY 13

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

" Organic, Δ Humus, S Sulfide

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 $HClO_4/HNO_3$ (3:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga 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
128	GG–03	5	0.2	7.83	2	705	0.3	5	2.56	0.5	65	10	8	52	6.82	2.07	17	12	1.67	1153	1	0.09	6	0.10	6	127	0.51	280	120
129	7	5	0.2	4.12	11	42	0.2	5	6.52	0.5	85	24	38	114	5.11	0.19	13	5	0.90	773	1	0.17	18	0.07	2	286	0.37	225	44
130	9	5	0.4	3.04	3	88	0.2	5	2.85	0.3	65	20	26	181	4.62	0.35	13	8	0.87	517	2	0.11	12	0.07	2	106	0.32	120	105
131	18	5	0.2	5.97	13	640	0.4	5	3.01	0.7	71	11	15	44	6.02	0.94	17	27	2.35	2107	1	0.09	10	0.10	15	205	0.39	206	246
132	GG–20	5	0.2	5.65	6	471	0.4	5	4.54	0.8	71	28	11	42	6.71	0.76	15	20	2.64	1159	1	0.09	11	0.08	2	169	0.41	249	76
133	GG–27	5	0.2	5.10	15	470	0.3	5	1.97	0.5	61	5	16	42	6.02	0.75	17	16	2.65	1449	2	0.10	9	0.07	16	158	0.36	194	256
134	29	5	0.2	5.10	22	66	0.3	5	3.69	0.9	73	10	15	43	6.55	0.08	18	13	2.26	2399	2	0.09	6	0.07	30	283	0.43	212	219
135	50	5	0.2	5.20	15	844	0.3	5	1.76	1.1	57	4	11	59	6.43	0.86	14	14	2.29	1955	1	0.10	5	0.09	229	153	0.46	221	355
136	51	5	0.2	5.61	17	839	0.3	5	2.45	0.3	69	13	13	41	6.15	0.78	17	19	2.89	2178	1	0.09	11	0.10	43	134	0.37	190	332
137	GG–54	40	0.2	4.84	12	929	0.3	5	0.97	0.6	46	11	7	83	6.65	1.11	14	14	1.88	1189	3	0.09	6	0.10	12	106	0.39	211	219
138	GG–66	40	0.2	7.35	22	361	0.3	5	1.40	0.3	48	14	9	49	5.60	1.73	14	13	1.84	590	1	0.26	6	0.07	5	96	0.27	145	99
139	68	5	0.2	7.95	12	797	0.2	5	0.04	0.2	10	1	28	33	5.09	2.68	10	11	1.59	453	2	0.41	3	0.11	6	70	0.40	196	119
140	69	5	0.2	5.06	8	371	0.2	5	0.78	0.6	44	11	14	47	4.76	0.95	16	14	2.36	675	1	0.20	6	0.04	2	66	0.23	131	109
141	71	5	0.2	4.52	13	65	0.3	8	2.26	0.5	67	18	28	92	7.12	0.17	17	17	2.59	933	5	0.08	7	0.07	2	130	0.30	162	74
142	GG–72	5	0.2	4.07	7	446	0.5	7	3.11	0.9	102	9	16	23	4.38	0.46	26	10	0.96	845	1	0.07	7	0.14	7	889	0.35	118	88
143	PM–31	5	0.2	4.73	15	289	0.2	5	2.58	0.6	70	7	17	62	5.88	0.26	16	12	2.08	1646	2	0.08	7	0.06	24	246	0.39	229	146
144	32	5	0.2	4.39	14	950	0.3	5	1.33	0.8	52	6	23	66	5.52	1.11	13	10	1.24	1192	1	0.08	4	0.05	110	112	0.32	187	184
145	33	5	0.2	5.40	8	165	0.3	6	4.15	0.8	90	7	14	37	4.79	0.52	18	15	1.47	1548	2	0.08	7	0.08	3	400	0.32	166	145
146	34	5	0.2	4.07	4	402	0.2	5	0.04	0.2	29	2	15	21	4.45	1.21	13	11	1.31	173	9	0.16	1	0.06	2	17	0.06	119	97
147	PM–35	5	0.2	7.33	2	861	0.3	5	0.05	0.2	9	2	6	31	6.57	2.12	8	11	1.06	208	1	0.52	1	0.07	2	97	0.37	193	77
148	PM–36	5	0.2	5.79	13	664	0.3	10	2.76	0.9	71	11	15	44	6.16	1.10	18	17	2.19	1327	13	0.10	10	0.08	7	174	0.41	229	147
151	37	5	0.2	6.90	3	941	0.3	5	2.85	1.1	70	19	10	82	5.95	1.63	15	17	2.25	1433	1	0.09	9	0.11	11	100	0.33	213	185
152	38	5	0.2	2.06	2	207	0.6	5	0.18	0.2	29	5	44	30	1.44	0.86	12	5	0.30	324	1	0.09	2	0.04	48	13	0.07	35	50
153	39	5	0.2	7.96	2	506	0.3	5	0.07	0.2	20	4	7	21	3.38	2.78	9	11	1.40	325	1	0.29	4	0.10	14	38	0.10	101	139
154	PM–40	5	0.2	6.84	16	107	0.3	11	4.51	0.9	89	5	14	31	7.23	0.23	17	19	2.53	1188	3	0.13	5	0.08	8	322	0.28	185	98
155	PM–41	30	0.2	5.53	9	1128	0.3	5	0.27	0.2	32	3	9	54	7.41	1.86	15	14	1.62	875	1	0.18	1	0.11	5	79	0.30	234	116
156	42	5	0.2	5.99	12	522	0.2	9	1.78	0.3	74	10	11	49	6.62	0.91	19	23	2.79	1702	1	0.10	5	0.07	7	126	0.38	226	191
157	43	5	0.2	5.72	2	742	0.2	5	1.07	0.2	55	3	6	50	5.79	1.91	14	11	0.98	376	1	0.12	1	0.09	7	233	0.23	139	54
158	44	5	0.2	5.62	19	441	0.2	5	0.05	0.2	15	9	4	19	6.01	2.38	9	8	2.15	424	13	0.08	1	0.08	3	5	0.05	249	132
159	PM–45	5	0.2	6.31	2	592	0.2	5	1.22	0.2	54	4	7	99	5.19	1.43	12	17	1.65	444	1	0.17	1	0.09	6	298	0.12	147	84
160	PM–47	5	0.2	4.70	16	239	0.2	7	0.28	0.5	41	20	11	54	5.39	1.40	17	9	1.97	242	1	0.14	5	0.06	5	30	0.11	162	46
161	48	5	0.2	4.44	7	183	0.2	5	1.26	0.3	50	4	17	47	4.33	0.60	15	10	1.74	360	1	0.19	3	0.07	2	124	0.23	133	56
162	49	90	0.2	6.13	2	576	0.2	5	0.30	0.2	23	2	10	176	4.55	2.07	11	11	1.23	444	3	0.12	3	0.07	4	66	0.22	149	95
163	50	5	0.2	5.51	5	302	0.3	6	2.71	0.8	69	8	12	77	5.50	0.53	15	18	1.98	906	1	0.09	4	0.10	2	222	0.20	173	130
164	PM–51	5	0.2	4.00	9	162	0.2	7	2.08	0.7	64	11	14	54	5.37	0.27	15	14	2.02	1170	4	0.11	7	0.06	3	176	0.37	198	252

14/7 cheque off

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
165	PM-52	5	0.2	4.56	4	464	0.2	5	0.48	0.2	36	3	12	46	5.22	0.76	12	12	2.55	243	1	0.27	3	0.08	2	77	0.29	198	43
166	PM-53	5	0.2	4.41	9	317	0.2	8	0.27	0.7	21	9	7	30	2.98	1.40	9	11	2.76	167	1	0.16	6	0.05	2	32	0.24	132	62
167	LE-60	5	0.2	5.24	4	606	0.2	5	0.71	0.2	46	3	9	54	4.67	1.82	14	10	1.18	706	2	0.10	4	0.06	3	96	0.24	111	119
168	62	5	0.2	4.77	9	583	0.2	10	1.27	0.4	57	6	12	80	4.66	1.12	14	12	1.42	577	2	0.10	3	0.09	8	301	0.20	123	86
169	LE-66	5	0.2	4.38	5	255	0.2	6	1.80	0.7	60	14	20	35	4.68	0.59	14	21	1.88	464	1	0.10	4	0.05	6	167	0.15	120	51
170	LE-69	5	0.2	9.71	10	1041	0.3	13	1.66	1.3	85	6	21	100	9.97	2.64	27	30	3.39	733	7	0.34	3	0.14	8	270	0.24	300	259
171	70	5	0.2	3.82	12	106	0.2	8	2.78	0.7	68	13	19	29	4.50	0.23	14	11	1.46	774	3	0.10	4	0.07	2	189	0.14	109	52
172	72	5	0.2	4.52	2	439	0.3	5	0.02	0.2	17	2	8	28	3.63	1.41	11	6	0.97	87	2	0.28	1	0.03	2	43	0.07	133	37
173	LE-74	5	0.2	6.27	13	270	0.3	8	2.94	0.7	75	16	19	70	4.75	1.05	16	10	1.73	1023	4	0.17	7	0.09	2	134	0.24	139	97
174	KP-43	5	0.2	3.25	9	128	0.3	11	2.89	0.8	74	26	27	132	6.19	0.52	17	12	2.21	720	2	0.17	23	0.10	2	97	0.45	210	47
175	KP-46	5	0.2	2.87	12	214	0.2	6	0.09	0.2	28	10	34	36	4.51	0.58	14	13	2.06	800	2	0.11	8	0.06	7	28	0.21	112	149
176	47	20	0.2	5.04	23	268	0.2	10	0.85	0.2	45	9	10	54	6.80	0.60	15	19	2.26	641	1	0.15	6	0.09	2	80	0.08	192	106
177	KP-48	5	0.2	5.53	16	628	0.3	8	3.30	0.3	85	7	12	26	4.44	0.55	17	12	1.49	1044	3	0.19	7	0.10	3	220	0.14	112	92
178	SL-01	5	2.8	2.83	21	81	0.5	16	3.12	0.8	66	328	14	5599	11.56	0.18	13	6	1.16	1006	11	0.18	24	0.07	2	49	0.09	88	117
181	SL-02	30	1.6	5.34	2	18	0.2	5	6.07	0.2	86	255	8	1074	12.62	0.05	14	8	0.82	482	6	0.04	42	0.05	2	387	0.18	191	30

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/9

DATE July 1/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0050	Py diss throughout as specks and rusty pits. And. tuff	2	Py	GRAB								P.M.
PM0051	And tuff. Rusted along ff. 5% Py diss throughout Only weakly alt.	5	Py	GRAB								P.M.
PM0052	Highly alt And. tuff. Strongly Argillic, moderately Sericitic & weakly propylitic 5% Py diss as specks throughout.	5	Py	GRAB								P.M.
PM0053	Strongly fractured and Argillic alt. moderate Sericite & silica alt., And. tuff.	8	Py	GRAB								P.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

N.T.S. 94D/9

LAB REPORT # _____

DATE June 30/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0044	Highly alt. tuff in close proximity to a dyke. Py diss throughout. Moderate Pervasive Sericite + Silicification	4	PY	GRAB								P.M.
PM0045	Extreme Alt. patchy in intensity. Highly rusty along FF. Alt. Rhyol. Tuff. Py diss throughout	5	PY	GRAB								P.M.
PM0047	Extreme Argillic + Sericite alt. of an Rhyol tuff. Py diss throughout. Intl difficult due to alt.	5	PY	GRAB								P.M.
PM0048	Moderately to weakly alt. xTL Tuff. Py diss throughout	2	PY	GRAB								P.M.
PM0049	Highly rusty, esp along FF, sample of Rhyol tuff, Py diss throughout	1%	PY	GRAB								P.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # ______

N.T.S. 94D/8

DATE June 27/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
KP0049	Line 652000N Qutz? xtl tuff, lgm fg weak prop alter, strong silicif, weak epid fine py diss, clots of epid throughout. Heavy limonite surface coating.	1%	Grab									KP.
PM0031	Line 652000N Qutz xtl tuff, lgm fg, mod silicif. Heavy limonite surface coating	Tr	Grab									P.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # ~~584~~ 583

N.T.S. 94D/9

LAB REPORT # ~~KP0026~~

DATE June 25/96

PROJECT ~~JOH~~ CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
~~KP0026~~	~~JOH GRID L72600N Sheared Dip~~	~~<1%~~	~~PY~~	~~GRAB~~								~~P.M.~~
~~RL0020~~	~~JOH 674626E 6272604N Rusty [illegible]~~	~~10~~	~~PY~~	~~Chip~~								~~R.L.~~
PM0032	CROY 678243E, 6265014N All Tuff Py diss throughout	2%	Py	GRAB								P.M.
PM0033	CROY 678232E 6264906N XTL Tuff Mod Sericite	tr	Py	GRAB								P.M.
PM0034	CROY 678179E 6264864N AND Tuff strong Ser. Alt.	tr	Py	GRAB								P.M.
PM0035	CROY 678412E, 6264889N AND Tuff Strong Sericite	tr	Py	GRAB								P.M.
PM0036	CROY AND Tuff subOTC All Marks ident	5	PY	GRAB								P.M.
PM0037	CROY AND Tuff subOTC Entire [illegible]	15	Py	GRAB								P.M.
PM0038	CROY 678470E, 6255816N Bleached white Quartz Carbd 2...	—	—	GRAB	(Select Chip)	~ 1.0m						P.M.
PM0039	CROY 678347E, 6255740N AND Tuff Severe Sericite	4	PY	GRAB								P.M.
PM0040	CROY 678212E, 6255680N XTL TF, extensive [illegible] F.C.	5	PY	GRAB								P.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/9

DATE June 25/91

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0041	Composite grab over 0.5m wide ft. bx, Bx within arn altered AND tuff. Heavy Argillite alt.	1	PY	GRAB								P.M.
PM0042	Wall rock around PM0041 alt. makes ident. difficult!	4	PY	GRAB								P.M.
PM0043	Highly alt'd with moderate Argillite & weak Propylitic & Sericite alt. Py dissem throughout highly rusty along ft.	5	PY	GRAB								P.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT #

N.T.S. 94D/8

DATE June 27/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
KP0046	line 6520000 And xtl tuff, l.grn, v/g wk prop. alter'n, strong silicif. weak chlor fine Py diss, heavy limon. bc surface staining	1-2%	Grab									KP.
KP0047	line 652000N And xtl tuff. v/g weak prop alter'n, heavy silicif, f py diss, local networks of limonitic fracture fill	1-2%	Grab									KP
KP0048	line 652000N And feldsporphyric, m.grn f.g, weak mod prop alter'n, mod silicif, weak chlor alter'n (mafics) heavy limonite surface coating	Tr	Grab									KP.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

N.T.S. 940/8

LAB REPORT #

DATE June 27/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
GG0003	Silicap - strongly hornfelsed, silica flooded altered andes xtal tuff	4% py	grab									RGG
GG0007	Mg, aug-feldsphyric andes. Moderately propylitized, carbonate chlor, epid altered	2% py	grab									"
GG0009	Hornfelsed, silica flooded andesite.	4% py	"									"
GG0018	Weakly propylitized, hornfelsed andes xtal tf	4% py	"									"
GG0027	Hornfelsed, silica altered andes ash tf	5% py	"									"
GG0020	Magnetic andesite lapilli tf. Weak hornfelsing + epidotization	1% py	"									"
GG0029	Bleached, calc-silicate alt, trace limonite, hornfelsed, clay alt ash tf	5% py	"									"

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 740/8

DATE June 27/89.

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
SL0001	Extremely limonitic pyritic, pyrite rich seds/ffs. Fg clast + mg clots + bf.	15-20 py/po	grab									SL
SL0002	Limonitic foliated, calc-silicate, pyritized andes. Mg-cg pyrite clots, bf.	15/20% py, po	grab									SL
GG0050	Subcrop of fg, grey-green andes bft. Moderately clay alt + weak epid. Limonitic.	2% py	grab.									DGG
GG0054	Strongly clay alt andes. xtal ff	4% py	grab-									DGG
GG0066	Sericitic/sericitic altered, fol-iated andes ff?	3% py	grab									"
GG0068	As above.											
GG0069	Porphyritic monzonite, siliceously altered. V. limonitic, blocky fractures, nonfoliated	8% py	grab									"
GG0071	Mg monzonite, mod-silica, limonitic fractures	10% py	grab									"

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE June 28/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
G600072	Mg, mass. sill, weakly chlorit-ized sericite	~~tr~~	grab									DGG.
G600051	Mg, argillically altered, epidot-ized, rusty, blk, felsic phyric andesite	tr-1%	grab									DGG.

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** JULY 14 **LAB CODE:** 9407-013-J

Material: 44 Rx **Sheet:** 1 of 2 **Date completed:** JULY 26

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

¤ Organic, Δ Humus, S Sulfide

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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga 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
244	DC–001	5	0.2	3.43	2	229	0.2	5	0.59	0.2	37	17	34	36	6.45	0.68	11	15	2.07	378	4	0.14	4	0.06	7	79	0.21	202	45
245	GG–74	5	0.2	5.24	10	114	0.2	5	2.08	0.7	67	8	21	31	5.62	0.35	17	17	2.85	1033	3	0.14	8	0.05	9	143	0.35	206	149
246	75	5	0.2	5.69	5	789	0.2	5	2.08	0.6	68	14	23	46	3.98	1.23	13	10	1.52	962	3	0.13	12	0.08	12	147	0.26	114	136
247	76	20	0.2	5.41	10	434	0.2	5	0.05	0.2	25	2	24	73	6.87	1.23	9	15	1.99	389	4	0.41	3	0.17	10	80	0.13	182	86
248	GG–78	5	0.2	6.57	4	558	0.2	5	0.07	0.4	30	2	19	40	6.01	2.01	11	12	1.59	314	3	0.39	4	0.11	21	70	0.22	185	122
251	GG–79	20	0.2	4.39	5	449	0.2	5	0.99	0.2	40	2	18	49	5.14	1.22	12	9	1.28	312	3	0.12	2	0.05	7	116	0.22	121	52
252	80	150	0.2	4.75	4	9	0.2	5	5.30	0.2	60	41	43	282	19.02	0.03	14	4	0.74	957	3	0.03	30	0.07	10	283	0.14	119	80
255	81	5	0.2	6.35	5	221	0.2	5	4.83	0.3	52	11	22	101	6.62	0.27	14	13	2.29	1094	1	0.09	15	0.09	3	312	0.40	213	75
256	82	30	0.2	7.31	2	881	0.5	5	1.27	0.5	47	29	22	1939	3.80	1.35	15	21	1.13	941	2	0.44	15	0.08	4	194	0.04	94	143
257	GG–84	20	0.2	5.43	8	1078	0.6	5	0.62	0.6	43	20	23	9102	4.93	1.31	17	15	1.85	552	1	0.12	6	0.11	5	35	0.07	143	190
258	GG–86	5	0.2	4.46	9	915	0.2	5	0.90	0.3	42	3	13	46	4.47	1.04	13	11	1.19	855	2	0.13	3	0.10	7	88	0.05	107	256
259	87	5	0.2	5.53	7	751	0.2	5	1.85	0.2	50	3	16	33	5.01	0.94	16	12	1.49	932	3	0.18	4	0.07	6	157	0.12	141	156
260	88	5	0.2	4.50	11	661	0.3	5	2.58	0.6	52	13	57	53	4.88	1.03	14	15	1.85	1516	2	0.14	21	0.09	7	66	0.04	133	257
261	89	5	0.2	3.62	14	289	0.5	5	5.80	1.6	65	30	242	200	5.21	0.85	14	20	3.16	2379	5	0.11	74	0.08	9	88	0.03	149	215
262	GG–90	5	0.2	6.70	13	481	0.2	5	1.97	1.0	56	26	27	179	5.46	0.44	14	22	2.09	773	1	0.45	11	0.09	7	157	0.10	176	154
263	GG–91	20	0.2	7.49	4	375	0.4	5	0.30	0.7	24	31	10	80	5.33	1.07	9	27	2.08	1797	1	0.66	4	0.06	8	142	0.07	205	287
264	94	5	0.2	5.25	2	424	0.2	5	0.38	0.2	29	4	25	45	5.34	0.91	12	27	1.88	634	1	0.23	5	0.08	7	61	0.07	161	109
265	GG–95	5	0.2	8.03	2	462	0.3	5	0.90	0.2	43	10	14	54	8.50	1.03	14	35	2.38	1052	1	0.30	11	0.13	10	147	0.07	195	215
266	LE–85	5	0.2	6.48	15	1553	0.2	5	1.59	0.4	53	19	15	53	7.86	1.67	18	19	2.66	1919	1	0.12	10	0.08	26	79	0.47	285	362
267	LE–87	5	0.2	6.44	12	451	0.3	5	4.55	0.8	72	16	15	37	6.90	0.72	18	20	2.12	2435	2	0.10	8	0.08	66	238	0.46	221	255
268	LE–94	5	0.2	1.95	5	90	0.2	5	1.29	0.2	50	11	107	114	3.10	0.30	16	5	0.25	197	7	0.09	26	0.07	10	123	0.33	94	44
270	95	5	0.2	2.93	8	105	0.2	5	1.83	0.2	53	13	110	157	3.85	0.44	16	8	0.82	349	5	0.11	32	0.08	8	120	0.37	141	101
271	98	5	0.2	5.26	13	739	0.2	5	2.44	0.7	64	6	17	154	3.49	1.18	15	9	0.92	887	3	0.12	7	0.07	14	143	0.24	108	115
272	100	5	0.2	7.10	5	574	0.2	5	0.06	0.2	10	1	13	55	5.04	1.94	6	12	1.33	288	1	0.39	2	0.06	11	84	0.32	183	87
273	LE–102	10	0.2	4.84	7	428	0.2	5	0.36	0.2	37	8	27	45	3.58	1.20	15	10	1.14	289	2	0.28	6	0.04	6	70	0.11	72	45
274	LE–114	80	0.2	8.35	15	505	0.2	5	3.64	0.7	64	17	15	31	8.07	1.65	15	12	2.37	1274	2	0.12	9	0.07	8	195	0.45	256	189
275	120	5	0.2	5.01	8	374	0.2	5	1.23	0.6	46	9	23	50	5.01	0.95	12	11	2.18	539	2	0.16	8	0.05	10	90	0.32	178	83
276	121	5	0.2	5.18	6	674	0.2	5	1.83	0.3	48	9	28	35	5.49	0.73	11	11	1.71	855	10	0.27	6	0.04	9	137	0.18	144	108
277	123	5	0.2	6.39	15	492	0.2	5	3.91	1.0	62	14	26	53	6.49	0.51	13	12	2.03	1354	4	0.13	8	0.06	13	225	0.35	205	200
278	LE–124	5	0.2	6.11	12	334	0.2	5	2.88	0.6	56	9	24	46	6.33	0.49	13	14	2.11	1222	3	0.21	7	0.05	12	174	0.33	180	143
279	LE–126	80	0.2	2.98	11	88	0.2	5	0.99	0.2	41	5	37	609	19.99	0.19	15	7	1.09	472	38	0.04	5	0.17	6	82	0.22	204	137
280	128	80	0.2	5.74	14	119	0.2	5	3.25	0.9	53	8	36	241	7.11	0.28	12	13	2.61	1104	4	0.08	15	0.06	8	147	0.41	263	264
281	129	60	0.4	5.14	5	1091	0.2	5	1.23	0.2	38	6	20	287	3.86	1.42	10	8	1.08	690	6	0.13	5	0.05	6	89	0.19	112	156
282	130	70	0.2	5.21	6	921	0.2	5	1.26	0.2	62	5	17	165	3.62	1.33	22	10	1.29	718	8	0.13	5	0.06	8	93	0.20	149	181
283	LE–131	10	0.2	7.33	2	577	0.3	5	1.67	0.4	45	5	15	42	6.30	1.38	14	23	2.34	1134	1	0.18	6	0.08	7	144	0.08	189	163

22/08 66 64

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
284	LE- 135	20	0.4	0.49	2	75	0.9	5	0.07	0.2	17	3	72	116	0.82	0.28	10	2	0.04	134	3	0.11	3	0.02	16	6	0.01	32	9
285	138	5	0.2	2.27	3	333	1.0	5	1.13	0.7	43	23	46	174	5.43	0.89	15	16	0.83	1436	1	0.09	35	0.22	8	29	0.06	251	108
286	139	5	0.2	2.31	11	815	0.9	5	3.25	0.6	67	22	46	101	4.97	0.83	17	19	1.52	704	2	0.10	36	0.22	12	72	0.07	227	78
287	140	5	0.2	2.53	23	305	0.7	5	4.48	1.1	62	38	684	21	5.29	0.56	18	25	6.54	1198	1	0.03	343	0.21	9	161	0.08	88	57
288	LE- 148	5	0.2	4.97	117	1889	0.2	5	0.44	0.2	20	7	28	32	5.45	2.40	9	5	0.18	114	13	0.05	4	0.07	12	22	0.27	164	18
289	LE- 149	5	0.2	2.17	118	746	0.2	5	0.06	0.2	11	5	50	13	4.75	1.23	8	5	0.17	53	12	0.08	3	0.04	4	611	0.20	313	20
290	150	5	0.2	4.66	74	1049	0.2	5	0.66	0.2	24	9	26	28	3.90	2.16	9	9	0.26	130	12	0.06	5	0.06	15	30	0.20	143	14
291	LE-151	5	0.8	1.19	95	533	0.2	5	0.62	0.2	32	8	109	29	3.41	0.31	5	5	0.15	105	7	0.05	5	0.04	2	748	0.12	149	22
292	RL-28	5	0.2	6.50	5	573	0.2	5	3.31	0.4	74	12	15	43	5.75	0.88	15	16	1.78	1377	1	0.14	6	0.06	7	243	0.30	170	124

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 593

LAB REPORT # _____

N.T.S. 94D/8

DATE June 30/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0060	grey green, weakly silicified andesite tuff, silica in hairline veinlets	—	Grab	—								LE
LE0062	grey green andesite tuff, argillic altn. along fracs, sericassoc. with argill., vfgd Py	7 Py	Grab	—								LE
LE0066	grey green and. tuff, weak seric. and ep. altn., vfgd Py	7 Py	Grab	—								LE
LE0069	lt. grey and. xtl tuff, weak seric., argill, ep, chlor altn., seric. assoc., chlor replac. mafics fgd Py	10 Py	Grab	—								LE
LE0070	grey green and. xtl tuff, mod. silica altn. as silica flood, sericite replacing Fs, vfgd Py, epassoc. and clots	10 Py	Grab	—								LE
LE0072	white and. xtl tuff, mod. argill. altn. weak seric.	Tr Py	Grab									LE
LE0074	lt. grey and xtl. tuff, weak ep. altn., mod silica altn., fgd Py	7 Py	Grab									LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 6/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0085	grn grey andesitic xtl tuff, weak ep alteration, local Fs → clays Pyrite is silvery	10 Py	Grab									LE
LE0087	grn grey andesitic tuff, weak epidote, wk. sericite, Py locks Secondary	15 Py	Grab									LE
LE0095	Limey siltstone with vfg (diagenetic) Py	<1 Py	Chip	0.75								LE
LE0100	white andesite xtl tuff, strongly argillic, mod sericite alth, py weathered out	Tr Py	Grab									LE
LE0102	Light grey and. xtl tuff, weak seric. alth, very wk chl/ep alth.	10 Py	Grab									LE
LE0114	Light green and. xtl. tuff, Py is silvery and varies from 5% - 20%, remnant clasts → chl. with ep margins	10 Py	Grab									LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 8/94

PROJECT Croyden

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0120	Lt. green andesitic xtl tuff, strong sericite alth., wk ep, silvery fgd Py, rusty fracs	10 Py	Grab									LE
LE0121	Lt. grey andesitic xtl tuff, rusty fracs, silvery fgd Py, strongly sericitic	15 Py	Grab									LE
LE0123	Lt. green andesitic xtl tuff, moderately sericitic, wk chlor, mod. ep, fgd Py	7 Py	Grab									LE
LE0124	Lt. green andesitic xtl tuff, moderately sericitic, wk ep, similar to LE0123	15 Py	Grab									LE
LE0126	Very rusty sample, no original texture, boxwork, Mn on frac. surfaces, moderately magnetic, gossanous	no v.s.	Grab									LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 9/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE 0128	Med. green f.g. monzonite, weakly sericitic with moderate sp and moderate chl. altn.	<1 Py	Chip	2m								LE
LE0129	Lt. green f.g. monzonite, moderately sericitic	5 Py	Chip	1m								LE
LE0130	White monzonite, strongly sericitic, no sulfides	—	Chip	0.75m								LE
	Chips LE0128 to LE0130 are a continuous sequence in the footwall of a highly propyllitic zone. LE0130 is in contact, moving outwards to LE0129 and finally LE0128											
LE0131	light green andesitic x-tl tuff with moderate sericite alteration. Hanging wall of breccia zone GGB095	15 Py	Grab	~~Grab~~								LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 10/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0135	Pink Qz Monzonite	–	Grab	–								LE
LE0138	Fault? (shear?) zone in diorite		Chip	2m								EC
	No visible sulfides, weakly chloritic, moderate carbonate											
LE0139	Similar to LE0138 but has Qz knots. No sulfides, strongly chloritic, weakly magnetic, weak carbonate		Grab									EC
LE0140	Strongly propyllitic, platy dark green rock in H.W. of LE0139, no sulfides		Grab									LE
LE0148	Altered andesite, moderately argillic, strongly sericitic, mod. mag. 3% fgd Py	3% Py	Chip	0.5m								LE
LE0149	Altered andesite, moderately argillic, weakly sericitic, not magnetic, 2% vfgd Py, possible "central" structure of rusty zone (samples LE0146, 150, 151), broken rock suggests a fault	2% Py	Chip	0.3m								LE

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94O/8

DATE July 10/94

PROJECT Croydon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0150	Altered andesite, strongly sericitic, vfgd Py (silvery)	15 Py	Chip	0.5m								LE
LE0151	Altered andesite, strongly sericitic but has a qz stringer zone. Rock on margin of stringers has been silicified, vfgd Py (silvery)	17 Py	Chip	1.5m								LE
DC0001	79305N/62785E fg. intrusive(?), weakly(lad) sericitic, moderately silicified fgd/ff Py	10 Py	Grab									DC

PROJECT # 583

LAB REPORT # _____

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 0/8

DATE July 7/84

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0084	BLACK SILTY LIMESTONE,	Tr	Py	—								RL & LE
	WEAK CARBONATE ALTERATION,											
	SLIGHTLY SERICITIC											
LE0098	Light grey crystal tuff,	5	Py	—								RL & LE
	(ANDESITE), SLIGHT SILICA											
	ALTERATION, Py is Pervasive											
RL0028	Light green crystal tuff,	5	Py	—								RL & LE
	(Andesite), Moderately Sericitic											
	Py is Pervasive,											

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 9/94

PROJECT Croxon

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
GG0074	Mod. sericitic, weakly epidotized rusty xtal tuff, 5% py	5% py	grab									DGG
GG0075	Mod. propylitic/sericitic mg monz. dyke	2% py	grab									DGG
GG0076	Sericite/clay alt rusty xtal tuff. Sample in shear.	12% py	grab									DGG
GG0078	Ext. sericitic/clay alt rusty? as FW to monz dyke	10 py	chip	1.0 m								DGG
GG0079	Mod propylitic/sericitic alt mg monz with chlorite/epid.	5% py	grab									DGG
GG0080	Float. Epidote, pyrite, magn skarn boulder	15% py 60% magn	grab									DGG
GG0081	Weakly propylitized andesite lap. tuff	7% py	grab									DGG
GG0084	Malachite, mang coated diabase? dyke		chip 1.0 m									DGG
GG0085	Mod. propylitic/sericitic/epid. alt monzonite	4-10 py	comp grab (1.0 m)									DGG
GG0087	Weak propylitic/strong sericitic alt. monzonite	4% py	comp grab (1.5 m)									DGG

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # ____________

N.T.S. 940/8

DATE July 9/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
GG0088	D. green, mg, strongly chloritic,											DGG
	foliated monz? dyke.		comp grab (3.0 m)	3.0 m								
GG0089	as above.		comp grab	2.0 m								DGG
GG0090	Fg. strong silica altn andes	10% py	grab									DGG
	xtl tuff. Weak epidote											
GG0091	Red-brown fault gouge		chip	1.0 m								DGG
GG0094	Sericite(clay) alt andes xtl	1% py	grab									DGG
	tuff. Boxwork pyrite 5-7%											
GG0075	Fault breccia Limonitic.		grab									DGG
GG0082	Mod propylitic, mg and with		grab									DGG
	stringer qv's, shearing +											
	malachite.											

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** JULY 22 **LAB CODE:** 9407–038
Material: 5 Rx **Sheet:** 1 of 1 **Date completed:** JULY 29
Remarks: • Sample screened @ –35 MBSH (0.5 mm)
■ Organic, Δ Humus, S Sulfide

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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga 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
240	GG – 0109	360	2.4	1.31	67	211	0.3	5	0.14	0.2	5	25	2	645	22.92	0.56	10	4	0.10	196	10	0.05	4	0.08	10	15	0.09	149	31
241	114	5	0.2	2.66	4	104	0.2	5	1.50	0.3	31	12	10	118	5.87	0.28	9	8	1.47	513	202	0.11	5	0.07	2	220	0.29	125	52
242	115	50	0.2	4.48	2	203	0.2	5	2.66	0.4	38	10	43	84	7.17	0.67	10	11	1.80	656	5	0.07	23	0.09	2	118	0.29	139	57
243	GG – 0122	5	0.2	0.34	2	44	0.7	5	0.09	0.2	16	1	8	9	0.72	0.15	5	4	0.05	124	1	0.09	6	0.02	9	9	0.02	21	12
244	LE – 0179	10	0.2	5.93	2	637	0.2	5	2.94	0.5	44	21	7	26	5.59	1.50	12	21	2.25	936	2	0.09	6	0.09	2	69	0.08	171	75

10/08 GB GG

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 99 D/8

DATE July 17/84

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
LE0179	Fg, green, foliated, chlor. andesite		grab									LE.
GG0109	Limonitic boulders with diss. & stringers of Py, magn. + silica.		grab									DGG.
GG0114	Rusty fracture with calcite, chlorite, epid, qtz, py diss, fracfillings + stringers	3-4 py	chip	1.0m								DGG.
GG0115	As above	5 py	chip	1.5m								DGG.
GG0122	Cg, potassic alt, mod. magnetic syenite		grab									DGG.

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** AUG. 04 **LAB CODE:** 9408–017
Material: 34 Rx **Sheet:** 1 of 1 **Date completed:** AUG. 11
Remarks: • Sample screened @ –35 MESH (0.5 mm)
■ Organic, Δ Humus, S Sulfide

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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Co, La, Li, Ga 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
209	PM–0111 α	5	0.2	5.66	2	130	0.2	5	6.73	0.3	47	9	30	105	4.64	0.38	10	7	0.36	437	3	0.10	11	0.09	2	263	0.46	197	19
210	112	60	0.2	3.86	18	51	0.2	5	3.55	0.7	51	56	19	9[illegible]	5.37	0.30	14	16	1.41	335	3	0.12	33	0.15	2	229	0.47	209	46
211	117	1900	13.6	5.30	30	153	0.7	5	6.08	2.0	29	44	41	14000	23.08	0.35	14	8	1.16	1896	27	0.23	9	0.18	18	49	0.25	144	139
212	118	40	0.2	5.72	8	84	0.5	5	5.71	1.6	30	41	31	1647	21.61	0.25	13	7	1.58	1706	3	0.21	7	0.16	22	102	0.20	123	74
213	PM– 119	5	0.2	5.05	2	199	0.2	5	4.62	0.7	53	16	27	67	4.54	0.59	11	8	0.68	690	4	0.14	6	0.09	3	142	0.35	145	33
214	PM– 120	5	0.2	4.03	2	219	0.2	5	3.20	0.6	52	19	27	55	4.07	0.98	11	8	0.87	527	2	0.10	8	0.08	2	105	0.38	189	25
215	121	170	0.2	4.57	6	17	0.2	5	3.90	0.5	35	172	38	566	14.28	0.08	12	5	0.74	1135	4	0.03	3	0.07	11	94	0.12	109	71
216	122	70	0.2	1.74	2	137	0.2	5	1.16	0.2	33	16	66	170	4.02	0.38	5	6	0.67	318	6	0.10	3	0.05	2	58	0.24	103	24
217	123	5	0.2	3.87	2	154	0.2	5	2.56	0.2	52	14	37	146	5.79	1.12	14	15	1.69	967	2	0.12	11	0.09	3	79	0.36	166	74
218	PM– 124	5	0.2	3.90	3	160	0.2	5	0.92	0.9	29	22	29	77	7.59	0.51	12	19	2.88	1458	1	0.14	5	0.07	4	42	0.27	237	215
219	PM– 125	5	0.2	6.96	2	416	0.2	5	4.38	0.8	51	10	12	87	6.25	1.16	12	14	2.26	841	3	0.13	8	0.09	2	287	0.40	305	48
220	126	5	0.2	1.35	26	7	0.3	5	16.08	0.5	5	17	14	227	8.21	0.06	6	10	2.20	2878	4	0.05	24	0.07	13	148	0.05	62	56
221	127	100	0.8	4.23	20	14	0.3	5	5.98	0.3	20	11	40	1213	21.15	0.03	10	5	0.09	1425	7	0.03	6	0.14	51	183	0.17	100	35
222	128	10	0.2	4.82	5	509	0.3	5	3.59	0.8	45	6	56	75	4.65	0.88	15	9	0.80	602	3	0.10	19	0.11	2	265	0.32	129	36
223	PM– 129	90	0.4	4.49	40	1191	0.2	5	1.15	0.5	23	39	17	526	7.99	1.64	10	11	1.08	533	9	0.10	17	0.10	2	74	0.45	227	46
224	PM– 131	5	0.2	4.88	7	154	0.2	5	2.62	0.8	39	8	17	130	5.80	0.79	12	13	1.59	707	4	0.10	6	0.08	2	178	0.31	170	62
225	132	5	0.2	4.50	5	241	0.2	5	3.19	1.4	46	8	24	149	4.19	0.70	11	9	1.17	620	4	0.11	8	0.11	2	149	0.39	169	39
226	134	5	0.2	4.25	9	538	0.2	5	1.89	0.8	36	20	28	191	5.67	1.07	11	13	1.88	633	3	0.16	6	0.08	2	100	0.33	162	52
227	135	5	0.2	4.10	11	147	0.2	5	3.13	0.8	47	10	19	63	6.01	0.48	11	13	1.91	817	3	0.12	6	0.08	4	152	0.32	170	43
228	PM– 136	5	0.2	2.24	9	239	0.2	5	0.75	0.4	25	19	54	19	6.22	0.54	10	8	1.17	196	6	0.13	4	0.06	2	54	0.15	169	24
229	PM–0137	20	0.2	4.41	7	126	0.2	5	1.68	0.8	37	13	31	27	5.03	0.48	11	15	2.70	545	3	0.38	5	0.08	2	59	0.19	204	74
230	RL–0077	30	0.2	4.39	2	295	0.2	5	1.75	1.3	34	20	19	523	5.67	0.96	13	14	1.92	402	5	0.09	6	0.07	2	109	0.32	168	39
231	78	5	0.2	4.57	5	177	0.2	5	1.45	1.2	34	19	31	31	5.72	0.54	12	17	3.23	672	3	0.28	6	0.08	3	72	0.23	198	71
232	81	10	0.2	4.65	2	113	0.2	5	2.36	1.3	38	18	51	23	5.92	0.49	10	13	1.71	329	4	0.39	6	0.08	10	97	0.22	171	95
233	RL–83	10	0.2	5.22	2	874	0.2	5	2.39	0.6	40	22	37	44	5.88	0.75	15	11	2.18	322	3	0.55	7	0.09	2	119	0.17	157	29
234	RL–86	40	0.2	4.37	2	388	0.2	5	2.63	0.7	42	8	45	65	5.38	1.00	9	12	1.44	795	6	0.15	4	0.09	2	99	0.38	172	76
235	RL–0088	40	0.8	6.52	15	438	0.6	5	1.74	0.7	31	19	24	80	4.63	3.27	8	6	0.90	553	3	0.06	12	0.07	2	33	0.07	132	45
236	GG–0129	5	0.2	1.64	3	59	0.2	5	1.26	0.5	43	12	86	99	3.79	0.19	13	9	1.08	543	3	0.11	23	0.13	5	36	0.32	112	84
237	133	5	0.2	6.74	7	906	0.2	5	4.74	1.1	48	26	24	50	6.61	0.28	13	21	2.44	1195	1	0.43	8	0.10	2	254	0.38	252	90
238	GG– 136	5	0.2	2.93	9	420	0.2	5	5.63	0.7	59	12	74	136	3.24	0.55	15	8	0.67	509	5	0.16	39	0.13	4	160	0.32	93	124
239	GG– 137	5	0.2	5.93	22	147	0.2	5	11.05	0.6	30	22	23	155	4.08	0.25	5	8	0.76	993	3	0.16	24	0.12	4	410	0.38	161	45
240	138	5	0.2	2.90	27	161	0.2	5	1.91	0.7	40	21	33	109	4.81	0.25	11	13	1.26	477	2	0.19	15	0.09	5	90	0.37	142	95
241	GG–0140	5	0.2	3.77	41	56	0.3	5	4.08	0.9	53	29	49	248	5.10	0.33	15	9	0.96	682	7	0.14	22	0.08	4	162	0.51	226	77
242	JP–0001	20	0.2	4.04	8	18	0.2	5	5.97	0.6	49	29	97	247	4.77	0.06	12	6	1.06	536	2	0.07	33	0.10	2	181	0.34	204	28

5/0 GB 99

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 19/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0116	Andesite ~~flow~~ Lapilli Tuff. Tr. Py throughout, strongly propylitic in patches	tr	Py	GRAB								J.P.
PM0112	Limestone. Small pod within a lapilli tuff bodY. Rusty alongside gabbroic dyke. Py diss throughout	2	Py	GRAB								J.P.
PM0117	Limestone. Chip sample across a 1.5m wide shear zone. Py diss throughout also malachite stain on F.F.	15	Py	Chip								J.P.
PM0118	Limestone. Chip sample across 1.5m wide shear zone. Py diss throughout, extremely rust.	7	Py	Chip								J.P.
PM0119	Andesite xtl tuff. Py diss throughout.	4	Py	GRAB								J.P.
PM0120	Andesite xtl. tuff. Py diss throughout	3	Py	GRAB								P.M.
PM0121	Andesite xtl. Tuff. Py as diss specks and stringers	10	Py	GRAB								J.P.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 19/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0122	Andesite xtl. tuff. Fractured rusty zone Py diss throughout, Epi alteration concentrated on fractures.	3	Py	GRAB								P.G.M
PM0123	Andesite xtl. tuff. Py enriched locally Epi concentrated on ff.	5	Py	GRAB								P.G.M
PM0124	Andesite xtl. tuff. Py diss throughout moderate propylitic alteration. Epi concentrated on ff & in patches	4	Py	GRAB								P.G.M
JP0001	Andesite Flows Py disseminated as specks and locally clots Angular porphs up to 1 cm wide Epi concentrated on ff.											

74

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 94D/8

PROPERTY CROYDON

DATE July 20/94.

ROCK SAMPLE REPORT

PROJECT 583.

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐
GG0129	Vfg, dissem & stringer py/Po in blk siliceous argillite.	3Py 1Po	grab.								
GG0133	V. fg dissem pyrite in andesitic xtal tuff. Siliceous.	≤2Py	grab								
GG0136	Vfg, black pyritic shale/limey silts	3Py	comp. grab.								
GG0137	Fg, moderately hornfelsed, siliceous & weakly calcareous andesite xtal tuff	4Py	grab.								
GG0138	Fg dark grey pyritic, siliceous argillite	3Py	grab.								
GG0140	Siliceous, limonitic, fg argillite/ tuff	4Py	grab.								

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 21/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0125	Diorite. Py pervasive rusty on FF	3	Py	GRAB								P.G.M.
PM0126	Skarn? Very magnetic, Py dissem as disseminated cubes moderately calcareous	1	Py	Float								R.L.
PM0127	Extremely altered float beside 126 Ep on FF, Py perv. Iron carb throughout.	1	Py	Float								R.L.
PM0128	Diorite Epidote on fracture faces Py pervasive.	2	Py	GRAB								P.G.M.
PM0129	Diorite. Qtz Vns throughout. Epidote on fracture faces, Py pervasive throughout	3	Py	GRAB								R.L.
PM0131	Diorite. Py concentrated on fracture faces and disseminated throughout	3	Py	GRAB								P.G.M.
PM0132	Diorite. Chip sample across 2m wide Skarn zone. Py disseminated throughout	2	Py	Chip								R.L.
PM0135	Diorite. Moderate silica alteration Pyrite pervasive. Epidote and rust Staining on FF.	3	Py	GRAB								P.G.M.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

LAB REPORT # _____

N.T.S. 94D/8

DATE July 21/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0136a	Diorite. Weakly propylitic and sericite altered, moderate silica alteration. Py pervasive Galena concentrated on fracture faces. Hard to identify due to strong alteration	4	~~PY~~ GRAB	GRAB								R.L.
PM0137	Diorite. Weak Propylitic and moderate silica alteration	3	Py	GRAB								P.G.M.
PM0134	Diorite. Weak propylitic and sericite altered with Pyrite pervasive throughout, rusty on surface	3	Py	GRAB								P.G.M.

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 94D/8

PROPERTY CROYDON

DATE July 22/84

ROCK SAMPLE REPORT

PROJECT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐
RL0077	Fine grain, light green andesitic flow?, weak propylitic alt'n, Py diss, weak chlor and epi alteration	2	GRAB	-							
RL0078	Fine grained, blue grey andesite, weakly propylitic, strong silica alteration, Py diss,	2	GRAB	—							
RL0081	F.G. light grey andesitic (tuff), Py diss, strong silica alteration,	3	GRAB	—							
RL0083	F.G., light grey andesitic tuff, Py diss, medium silica alteration, chlor and epi alteration (weak)	3	GRAB	—							
RL0086	M.G., Dark green andesitic flow tuff, Py diss, sample was very weakly magnetic	1	GRAB	—							
RL0088	MAFIC Dyke, Strongly sheared, Strongly carb. altered, Cut by quartz/carbonate veins in rock, Py diss,	Tr	GRAB	—							

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** AUG. 05 **LAB CODE:** 9408–020
Material: 20 Soils & 24 Rx **Sheet:** 1 of 2 **Date completed:** AUG. 22
Remarks: * Sample screened @ –35 MESH (0.5 mm)
¤ Organic, A Humus, S Sulfide

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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

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

T.	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Ti	V	Zn
o.	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm
51	169726 soil	310	1.4	6.51	2	816	0.5	5	1.00	0.3	38	37	110	239	6.34	1.21	12	21	3.23	3216	1	0.04	97	0.12	6	97	0.20	205	126
52	169727	95	1.6	3.33	2	390	0.3	5	0.92	0.2	29	21	34	158	4.25	0.49	8	11	1.42	2344	1	0.03	26	0.08	9	94	0.12	112	76
53	169728	530	0.4	4.55	5	168	0.3	5	1.39	0.2	46	54	30	377	8.36	0.27	12	9	0.76	1252	2	0.06	58	0.25	2	107	0.24	122	82
54	169729	240	0.2	4.64	5	131	0.3	5	1.87	0.2	52	76	30	567	7.56	0.19	15	12	1.45	1216	1	0.07	68	0.17	2	118	0.31	157	81
55	169730	95	0.2	4.23	2	98	0.2	5	3.38	0.2	48	34	41	155	5.96	0.25	11	12	2.31	975	1	0.15	32	0.09	2	236	0.37	204	81
56	169731	25	0.2	4.43	2	151	0.2	5	3.39	0.2	48	33	36	161	6.02	0.31	10	14	2.62	1041	1	0.16	38	0.09	2	197	0.35	191	98
57	169732	15	0.2	4.26	2	79	0.2	5	2.93	0.2	46	32	28	137	5.86	0.20	10	13	2.37	1033	1	0.10	33	0.09	2	222	0.37	193	84
58	169733	50	0.4	4.42	2	340	0.5	5	2.04	0.2	59	37	18	264	5.68	0.49	16	13	1.39	1972	2	0.05	17	0.18	8	303	0.24	135	105
59	169964	50	0.6	3.82	2	327	0.2	5	1.10	0.2	43	6	20	58	4.47	0.58	10	7	0.68	425	1	0.05	7	0.22	31	107	0.27	145	67
60	169965	120	1.2	5.33	2	540	0.3	5	1.26	0.4	45	25	24	182	5.67	0.88	11	16	2.27	2550	1	0.06	29	0.13	18	110	0.22	168	143
61	169966	140	0.6	3.80	2	336	0.2	5	1.09	0.2	37	23	48	124	5.19	0.57	10	13	2.02	1752	2	0.04	28	0.11	7	92	0.21	163	94
62	169967	180	1.2	5.52	2	537	0.3	5	1.35	0.2	41	24	7	192	6.26	1.04	11	16	1.84	2097	1	0.07	11	0.12	16	145	0.21	185	130
63	169968	140	1.0	6.34	2	635	0.4	5	1.15	0.3	45	29	13	217	6.47	1.19	12	16	1.61	2671	4	0.09	17	0.18	38	114	0.20	160	219
64	169969	160	1.2	5.99	2	611	0.3	5	1.31	0.5	41	29	13	206	6.40	1.10	11	17	1.87	2035	2	0.08	18	0.14	63	146	0.25	178	288
65	169970	130	1.4	6.23	2	820	0.3	5	0.79	0.9	39	36	13	169	7.33	1.42	11	17	1.58	2028	3	0.12	20	0.16	59	76	0.20	177	363
66	169971	160	1.4	6.23	2	641	0.3	5	1.85	0.6	51	28	21	175	7.17	1.12	13	17	1.83	1950	2	0.09	18	0.15	90	155	0.27	199	304
67	169972	250	1.6	5.44	2	478	0.3	5	1.00	0.5	44	44	10	242	6.99	0.97	12	14	1.62	3695	6	0.06	14	0.15	35	108	0.17	151	151
68	169973	160	1.2	5.34	2	678	0.4	5	1.47	0.2	46	37	16	539	6.25	0.70	12	18	2.31	2657	1	0.04	16	0.11	8	232	0.21	200	106
69	169974	280	1.4	6.26	2	968	0.7	5	1.28	0.2	45	52	6	271	6.77	1.46	12	16	2.24	3747	4	0.03	11	0.10	7	104	0.20	155	107
70	169975 soil	1200	1.6	4.06	2	322	0.2	5	1.76	0.2	42	27	41	302	5.28	0.44	9	15	2.47	1831	1	0.03	33	0.10	2	150	0.23	166	92
71	PM – 0164 rx	5	0.2	1.68	15	169	0.3	5	5.89	0.8	84	21	93	91	4.92	0.37	12	15	2.59	1751	4	0.10	20	0.08	3	139	0.03	152	94
72	165	60	0.2	0.43	21	51	0.3	5	8.92	1.2	97	11	50	16	4.54	0.21	11	6	3.33	4448	4	0.08	12	0.05	2	137	0.01	34	76
73	168	5	0.2	3.42	2	38	0.2	5	0.26	0.2	34	1	57	10	13.86	0.24	8	8	0.04	87	3	0.53	1	0.11	2	65	0.22	222	18
74	169	10	1.6	3.94	20	786	0.2	5	2.44	6.4	60	15	30	20	4.21	1.05	9	18	1.96	2027	5	0.04	8	0.05	336	28	0.18	105	1168
75	PM – 170	20	5.6	2.50	28	566	0.2	10	10.00	121.6	105	14	29	145	3.70	0.67	11	11	0.75	1650	16	0.07	7	0.05	7764	49	0.13	96	9993
76	PM – 171	5	0.2	4.58	8	490	0.2	5	2.78	0.5	63	21	24	27	5.82	1.08	11	13	1.81	1265	2	0.10	13	0.07	17	54	0.29	152	93
77	172	10	2.8	3.24	7	540	0.2	5	2.68	80.2	61	10	30	57	1.97	1.41	8	6	0.30	661	32	0.06	7	0.03	3953	20	0.04	78	13000
78	173	170	0.2	5.12	2	533	0.4	5	3.94	0.6	67	31	14	31	6.07	1.97	11	11	1.47	991	8	0.07	8	0.09	16	69	0.07	202	105
79	176	330	2.0	0.60	16	2624	0.2	5	6.59	1.4	80	31	267	[illegible]	2.59	0.17	9	8	1.94	3308	9	0.04	134	0.03	2	83	0.01	45	49
80	PM – 177	580	0.2	0.86	13	52	0.2	5	7.93	0.4	87	20	67	[illegible]	3.66	0.08	8	10	0.84	1644	5	0.06	9	0.04	2	80	0.02	58	51
81	PM – 180	5	0.2	2.17	10	147	0.2	5	2.39	0.4	64	51	46	[illegible]	7.38	0.38	12	12	1.92	679	3	0.14	31	0.08	2	37	0.31	164	75
82	181	2500	2.4	3.26	18	113	0.2	5	1.43	48.9	47	27	74	[illegible]	10.63	0.21	12	17	2.13	971	14	0.08	26	0.11	32	66	0.40	253	12000
83	182	10	0.2	3.93	5	14	0.2	5	5.37	0.2	80	26	51	49	5.65	0.06	10	3	0.22	449	16	0.09	10	0.08	2	409	0.50	250	48
84	184	5	0.4	4.09	9	77	0.2	5	4.20	0.2	66	25	70	298	7.17	0.22	11	9	1.82	716	10	0.12	32	0.08	2	239	0.38	208	54
85	PM – 185 rx	60	0.8	2.83	26	328	0.2	5	1.12	0.2	39	35	53	560	8.93	0.35	9	11	1.39	482	11	0.07	13	0.08	2	69	0.39	232	62

23/08 GG GG

T.	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Ti	V	Zn	9408-020
o.	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	Pg. 2 of 2
36	PM – 186 rx	5	0.2	4.12	5	27	0.2	5	4.72	0.2	74	18	53	229	5.47	0.11	13	7	0.74	701	3	0.09	26	0.09	2	288	0.37	184	39	
37	187	5	0.2	2.71	5	50	0.2	5	2.35	0.2	56	15	53	198	4.53	0.23	13	7	0.87	346	3	0.10	15	0.11	2	127	0.39	133	35	
38	188	5	0.2	1.56	2	41	0.2	5	1.49	0.2	38	3	54	52	2.30	0.12	7	4	0.34	186	4	0.10	2	0.07	2	56	0.30	71	14	
39	189	5	0.2	1.87	2	44	0.2	5	1.47	0.2	28	6	45	49	2.63	0.15	9	5	0.44	211	3	0.12	4	0.06	2	66	0.30	76	19	
40	PM – 190	5	0.2	1.56	2	45	0.2	5	1.37	0.2	31	4	63	48	2.32	0.14	11	3	0.27	151	3	0.10	6	0.07	2	65	0.28	79	17	
41	PM – 191	5	0.2	1.84	15	47	0.2	5	1.98	0.3	45	13	33	134	5.57	0.10	10	7	1.62	780	3	0.21	9	0.08	5	64	0.41	209	81	
42	193	470	1.2	0.42	2	41	0.2	5	0.27	0.2	5	8	248	20	0.99	0.13	1	2	0.16	165	35	0.01	10	0.01	2	4	0.02	15	10	
43	194	5	0.2	1.37	6	42	0.2	5	1.77	0.3	34	14	29	45	3.28	0.10	8	6	1.15	441	1	0.17	10	0.07	2	35	0.34	126	35	
44	PM – 0195 rx	5	0.2	4.61	2	13	0.2	5	5.06	0.2	65	33	37	363	6.35	0.13	10	6	0.75	577	1	0.11	19	0.10	2	170	0.49	212	32	

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY CROYDON

N.T.S. 94D/9

DATE July 28/94

PROJECT 383

ROCK SAMPLE REPORT

LE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAM B
PMO164	Andesite? Py diss throughout, cut by randomly oriented Carb/Qtz vns	2	Py	GRAB of Talus								P.G.
PMO165	Sediment? Iron carb alt. sed? Py diss throughout	4	Py	GRAB of Talus								P.G.
PMO168	Skarn? Strongly magnetic, weak carb. Carb. leached	2	Po Py	GRAB of Talus								R.L.
PMO169	Andesite. Moderate silica + carb. Py diss throughout. Weakly sericitic, random carb vns throughout.	4	Po Py	GRAB of Talus								P.G.
PMO170	Andesite. Strong carbonate, moderate silica, highly iron carb alt., unidentified metallic mineral 6-7%	3	Py	GRAB of Talus								R.L.
PMO171	Andesite. Moderately propylitic, strong carbonate, Py, chl, epi, carb pervasive.	5	Py	GRAB of Talus								R.L.
PMO172	Andesite. Moderate argillic + sericite, strong carbonate, pervasively iron carb altered.	3	Py	GRAB of Talus								P.G.
PMO173	Andesite. Moderately carbonate altered, part of small white Qtz bldr. Possibly flt bx?	4	Py	GRAB of Talus								P.G.
PMO176	Andesite? Extreme iron carbonate alt. sulphides diss throughout, Malachite stain on fractures	6	Py, cPy	GRAB of Talus								P.G.
PMO177	Andesite? Strongly carb alt. with sulphides associated with carbonate vns.	4	Py, cPy?	GRAB of Talus								P.G.

NORANDA EXPLORATION COMPANY, LIMITED

PROJECT # 583

AB REPORT # _____

N.T.S. 94D/9

DATE July 29/94

PROJECT CROYDON

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPH.	TYPE	WIDTH (m)								SAMPLED BY
PM0180	Mod. Silica + Carb, cut by random Fe Carb VNS	5	Py Po	GRAB		ANDESITE						P.G.M.
PM0181	Sulphides assoc. w Fe Carb VNS, strong silica + Carb	5	Py	GRAB		"						P.G.M.
PM0182	Py as above, veined by Carb/Qtz VNS Strongly silicified	5	Py	GRAB		"						R.L.
PM0183	Sheared, rusty, carbonated zone between And/Dac Malachite stain visible in parts.	6	Py, cpy	1.0m chip		"						P.G.M.
PM0185	Py as above, up to 15% locally. Same as above	6	Py	1.5m chip		"						R.L.
PM0186	Sheared, rusty carbonated zone between And and Dacite Strongly silicified	3	Py	1.0m chip								P.G.M.
PM0187	Same as above Py diss throughout	2	Py	2.0m chip		"						P.G.M.
PM0188	Upper contact between Dac + Andesite, otherwise same as above.	2	Py	2m chip		"						P.G.M.
PM0189	Rusty sheared contact zone between Dacite and Andesite appears to trend. Py diss throughout.	3	Py	2.5m chip		"						R.L.
PM0190	Same as above. Mod. Silica, weakly mag	2	Py	3m chip		"						R.L.
PM0191	Same as above.	1	Py	1.5m chip		"						R.L.
PM0193	Bull white Qtz vein in And. Rusty alteration	—	—	1.5m chip		Qtz VN						R.L.
PM0194	Andesite Pyrite diss throughout	2	Py	GRAB								R.L.
PM0195	Dacite Pyrite diss throughout	2	Py	GRAB								R.L.

APPENDIX III

SOIL GEOCHEMICAL RESULTS

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** JUNE 28 **LAB CODE:** 9406–026
Material: 268 Soils **Sheet:** 1 of 7 **Date completed:** JULY 07
Remarks: * Sample screened @ –35 MESH (0.5 mm)
■ Organic, ▲ Humus, S Sulfide 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 $HClO_4$/HNO_3 (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

F.	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
	62800N–79400E	65	0.2	6.59	3	261	0.3	5	2.47	0.2	38	59	14	315	6.94	0.46	13	14	1.50	1147	8	0.08	17	0.15	2	292	0.32	168	53
	79350	80	0.2	5.93	4	280	0.3	5	2.60	0.2	41	73	17	354	6.91	0.54	14	14	1.63	1348	4	0.06	19	0.14	2	252	0.32	184	54
	79300	25	0.2	6.57	5	258	0.2	5	0.81	0.2	33	12	4	113	9.40	0.58	13	12	1.93	446	3	0.07	3	0.18	3	83	0.22	207	51
	79250	15	0.2	5.51	8	257	0.2	5	0.98	0.2	33	10	8	182	9.19	0.50	11	11	1.69	515	4	0.08	7	0.19	2	115	0.24	192	49
	62800N–79200E	60	1.0	5.74	3	311	0.2	5	1.58	0.2	36	22	9	593	8.17	0.53	11	12	1.25	651	15	0.07	7	0.19	466	139	0.26	153	60
	62800N–79150E	25	0.4	5.04	11	336	0.2	5	1.07	0.2	38	13	8	225	7.25	0.60	12	13	1.64	580	3	0.15	9	0.15	5	179	0.16	168	72
	79100	50	0.2	6.10	3	527	0.3	5	0.93	0.2	37	62	6	434	7.55	0.86	12	14	1.48	1394	6	0.07	11	0.16	2	118	0.20	158	81
	79050	55	0.4	4.78	2	319	0.2	5	1.20	0.2	31	24	10	258	6.89	0.51	11	12	1.40	860	5	0.07	12	0.16	2	135	0.23	158	65
	79000 ▲*	5	0.6	1.75	5	179	0.2	5	0.65	0.2	24	7	12	81	2.97	0.25	6	4	0.46	312	2	0.03	6	0.18	4	59	0.10	71	36
	62800N–78950E	10	1.4	2.79	7	177	0.2	5	0.71	0.2	27	8	9	153	4.89	0.39	8	8	1.12	588	1	0.04	4	0.19	2	73	0.21	125	59
	62800N–78900E	5	0.6	3.35	4	238	0.2	5	0.96	0.2	31	5	10	80	5.31	0.42	9	7	0.83	450	2	0.04	3	0.13	6	82	0.30	166	49
	78850	5	1.0	3.56	5	210	0.2	5	1.87	0.2	39	19	23	89	4.85	0.40	10	8	0.99	933	1	0.07	12	0.20	3	142	0.26	147	72
	78800	10	0.2	2.74	7	144	0.3	5	2.60	0.8	34	37	27	177	6.92	0.28	9	10	0.86	1040	4	0.06	26	0.20	2	105	0.18	139	121
	78750	30	0.4	4.20	7	323	0.2	5	1.94	0.2	41	9	27	46	4.61	0.57	11	8	0.92	513	1	0.10	10	0.11	6	152	0.27	173	65
	62800N–78700E	5	0.2	5.90	4	366	0.3	5	1.12	0.2	35	14	18	41	6.24	0.82	10	18	1.22	582	1	0.14	13	0.14	4	121	0.21	184	137
	62800N–78650E	10	0.8	4.01	8	239	0.3	5	1.61	0.4	41	13	30	54	5.97	0.43	11	10	0.94	522	1	0.07	14	0.11	5	137	0.25	161	85
	78600	60	0.2	4.40	34	270	0.3	5	2.06	0.6	44	18	30	138	4.83	0.51	13	13	1.42	678	1	0.10	21	0.09	5	151	0.26	162	101
	78550	25	0.2	4.35	10	270	0.3	5	2.08	0.5	43	19	28	84	4.90	0.52	12	14	1.43	729	1	0.09	22	0.09	3	147	0.25	161	120
	78500	5	0.2	5.67	6	74	0.3	5	1.65	0.2	37	26	63	157	5.94	0.15	11	17	1.85	779	1	0.03	34	0.13	2	98	0.35	192	72
	62800N–78450E	5	0.2	4.72	4	85	0.2	5	3.32	0.5	37	11	31	15	3.40	0.18	11	6	0.98	491	1	0.05	17	0.07	3	154	0.48	224	36
	63000N–79400E	40	0.4	5.68	3	200	0.4	5	2.61	0.2	54	182	41	890	6.03	0.34	18	12	1.22	1966	3	0.10	33	0.21	2	529	0.22	140	56
	79350	20	0.2	3.93	4	336	0.2	5	1.19	0.3	39	28	33	383	5.91	0.67	13	11	1.89	711	2	0.07	31	0.13	2	118	0.30	157	42
	79300	30	0.4	4.75	4	325	0.2	5	1.49	0.2	41	18	10	334	7.56	0.63	13	14	1.71	751	4	0.05	9	0.17	2	150	0.29	178	49
	79250	40	0.2	5.15	6	239	0.2	5	1.65	0.2	43	11	23	268	7.41	0.66	14	14	1.73	594	3	0.06	22	0.16	3	179	0.27	177	53
	63000N–79200E	75	0.2	4.68	9	290	0.2	5	1.21	0.7	39	8	12	225	8.12	0.76	13	13	1.69	532	3	0.07	10	0.17	6	131	0.26	177	72
	63000N–79150E	40	0.4	6.52	10	308	0.2	5	0.83	0.2	35	26	7	155	7.03	0.48	12	15	1.92	892	1	0.05	8	0.13	14	124	0.20	146	86
	79100	25	0.2	5.31	15	315	0.2	5	1.23	0.5	41	29	12	208	7.62	0.65	13	13	1.67	1027	2	0.06	11	0.15	9	129	0.25	168	106
	79050	35	0.2	3.97	10	337	0.2	5	0.95	0.5	39	20	10	173	7.59	0.56	13	12	1.74	1027	4	0.05	7	0.16	2	96	0.21	163	78
	79000	25	1.0	3.67	9	303	0.2	5	0.83	0.2	33	14	10	158	7.38	0.50	11	11	1.63	735	3	0.05	5	0.13	2	90	0.21	159	71
	63000N–78950E	5	0.2	2.35	5	359	0.2	5	0.30	0.2	21	4	5	50	5.05	0.32	9	7	1.41	584	1	0.04	2	0.16	2	25	0.20	140	63
	63000N–78900E	25	0.4	4.45	5	195	0.2	5	1.55	0.2	41	9	31	62	6.68	0.32	13	9	0.90	420	1	0.06	11	0.15	2	122	0.34	202	55
	78850	10	0.2	5.03	3	490	0.3	5	0.96	0.2	35	9	24	72	5.13	0.87	11	13	1.13	502	2	0.13	14	0.12	5	107	0.19	165	91
	78800	5	0.2	4.67	6	455	0.3	5	1.54	0.2	41	8	17	63	4.41	0.79	12	10	0.94	463	2	0.13	10	0.13	6	129	0.21	154	84
	78750	15	0.2	5.11	10	368	0.3	5	1.40	0.2	40	9	21	52	5.17	0.72	12	13	1.17	533	2	0.11	12	0.10	4	124	0.22	158	101
	63000N–78700E	35	0.2	4.81	21	339	0.4	5	1.08	0.2	37	31	24	123	7.77	0.60	12	21	1.21	955	6	0.08	27	0.08	6	100	0.18	148	201

3/07 Vancouver

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
63000N-78650E	15	0.8	4.53	11	318	0.4	5	1.97	0.5	44	16	40	148	4.87	0.54	13	22	1.26	575	7	0.10	35	0.12	4	128	0.19	139	249
78600	15	0.2	4.39	13	293	0.3	5	2.34	1.0	43	23	35	115	4.80	0.52	12	13	1.41	798	3	0.10	23	0.11	2	150	0.26	162	153
78550	40	0.2	4.77	13	273	0.3	5	2.26	0.2	44	17	39	76	5.29	0.51	13	14	1.44	668	5	0.09	23	0.08	6	162	0.28	175	117
63000N-78500E	35	0.2	4.55	6	205	0.2	5	2.55	0.3	39	14	41	50	5.27	0.31	12	9	1.36	671	2	0.07	20	0.09	3	198	0.39	227	62
63200N-79700E	30	0.2	4.62	4	246	0.2	5	1.78	0.2	41	19	18	116	7.27	0.42	11	10	1.21	655	5	0.06	11	0.22	2	153	0.29	156	55
63200N-79650E	20	0.2	4.48	4	162	0.2	5	1.13	0.2	42	18	29	262	6.92	0.42	14	12	1.11	469	3	0.07	15	0.18	3	86	0.28	132	58
79600	85	0.6	6.04	2	257	0.4	5	1.62	0.2	34	63	21	844	6.30	0.49	9	17	2.36	1319	5	0.07	36	0.18	2	169	0.29	148	89
79550	55	0.2	5.55	6	238	0.4	5	2.73	0.2	37	81	13	675	5.68	0.45	11	13	1.81	1683	1	0.07	20	0.15	2	386	0.23	168	65
79500 □*	5	0.2	0.24	2	35	0.2	5	0.41	0.2	14	2	3	10	0.26	0.10	2	1	0.08	95	1	0.01	2	0.03	2	17	0.01	8	19
63200N-79450E	20	0.2	3.71	4	203	0.2	5	1.89	0.4	41	22	11	184	3.77	0.28	11	6	0.61	1490	2	0.06	8	0.24	4	313	0.17	107	51
63200N-79400E	20	0.2	5.01	9	204	0.4	5	2.63	0.5	41	36	12	361	5.91	0.46	12	14	1.89	1509	3	0.07	13	0.17	6	285	0.28	183	93
79350	45	0.2	4.43	4	218	0.3	5	1.89	0.4	41	44	26	694	5.46	0.44	12	13	1.82	1162	2	0.06	28	0.15	13	189	0.23	156	75
79300	35	0.2	5.42	6	337	0.4	5	1.28	0.2	44	22	19	248	6.19	0.63	14	14	1.28	1051	3	0.11	14	0.20	5	132	0.23	155	93
79250	75	0.2	4.54	5	293	0.3	5	1.01	0.2	37	27	11	280	6.47	0.53	12	12	1.30	971	6	0.07	8	0.16	3	94	0.22	141	69
63200N-79200E	95	0.2	4.31	2	210	0.2	5	0.62	0.2	31	5	9	61	5.71	0.34	11	11	1.60	487	1	0.06	3	0.11	2	40	0.30	170	50
63200N-79150E	5	0.2	4.32	3	267	0.2	5	1.06	0.2	37	13	15	260	6.27	0.58	12	12	1.60	727	2	0.06	12	0.20	2	105	0.26	150	52
79100	10	0.2	4.25	4	286	0.2	5	1.24	0.2	41	13	25	130	7.20	0.62	14	14	1.79	716	12	0.06	16	0.14	2	132	0.25	162	61
79050	35	0.2	5.37	6	263	0.2	5	1.78	0.2	42	14	43	125	6.22	0.26	12	11	1.64	570	7	0.07	26	0.09	2	173	0.26	157	52
79000	20	0.6	2.88	3	219	0.2	5	1.03	0.2	39	4	12	42	2.48	0.40	10	5	0.43	330	5	0.05	3	0.15	3	110	0.21	113	33
63200N-78950E	5	0.2	5.06	4	336	0.2	5	1.73	0.2	43	7	12	105	9.20	0.62	12	11	1.16	515	5	0.07	5	0.16	2	441	0.19	139	42
63200N-78900E	40	0.2	4.16	4	300	0.2	5	1.81	0.2	46	7	30	35	4.82	0.46	13	6	0.63	392	1	0.07	6	0.11	7	181	0.33	209	46
78850 □*	5	0.2	0.79	2	11	0.4	5	1.26	0.9	28	10	4	648	0.11	0.05	8	2	0.05	56	1	0.03	7	0.05	2	26	0.01	6	36
78800	15	0.2	4.02	2	288	0.3	5	1.36	0.2	38	222	21	106	7.31	0.65	11	11	1.11	3557	8	0.10	17	0.13	3	99	0.16	131	85
78750	15	0.2	4.79	10	295	0.3	5	2.25	0.2	47	25	28	117	4.41	0.62	15	13	1.51	729	1	0.12	20	0.09	4	162	0.25	165	75
63200N-78700E	20	0.2	3.38	5	261	0.2	5	1.66	0.2	43	7	32	56	5.48	0.42	12	7	0.80	421	2	0.08	11	0.10	3	156	0.23	152	52
63200N-78650E	15	0.2	5.00	8	319	0.3	5	1.67	0.2	49	13	26	175	4.54	0.66	18	12	1.55	560	6	0.11	21	0.12	5	129	0.22	151	76
78600	35	0.2	4.87	14	372	0.5	5	1.62	0.4	48	35	21	231	5.13	0.60	16	14	1.37	939	7	0.10	23	0.11	5	150	0.21	147	97
78550	35	0.2	4.61	10	299	0.3	5	1.82	0.2	45	13	29	77	5.20	0.51	13	11	1.26	572	3	0.10	18	0.14	6	156	0.27	174	73
78500 □*	5	1.6	0.43	2	96	0.2	5	0.42	0.3	20	2	6	11	0.39	0.20	3	2	0.10	244	1	0.02	4	0.11	6	26	0.04	16	42
63200N-78450E □*	5	0.2	0.20	2	76	0.2	5	0.40	0.2	18	2	6	10	0.24	0.19	3	2	0.11	229	1	0.02	4	0.10	11	18	0.01	9	60
63200N-78400E	30	0.2	3.97	8	258	0.2	5	1.91	0.4	39	22	39	95	5.17	0.33	12	11	1.67	802	1	0.07	26	0.13	3	154	0.29	170	77
63350N-78750E	65	0.2	4.18	3	245	0.3	5	1.97	0.2	42	17	51	99	5.05	0.47	12	10	1.18	517	1	0.09	17	0.11	2	148	0.23	153	64
78700	45	0.2	4.78	2	433	0.5	5	1.83	0.2	46	30	33	181	6.57	0.73	14	13	1.44	1071	1	0.10	25	0.14	3	174	0.23	165	82
78650	30	0.2	4.09	4	222	0.2	5	2.18	0.2	44	11	39	63	5.82	0.41	12	8	0.99	472	1	0.08	13	0.15	2	170	0.33	201	57
63350N-78600E	35	0.4	3.64	6	232	0.2	5	2.24	0.2	44	12	38	53	4.44	0.30	12	6	0.91	525	1	0.09	13	0.14	2	189	0.31	173	48
63350N-78550E □*	5	0.4	1.68	2	199	0.2	5	1.03	0.3	32	4	13	27	1.45	0.21	7	3	0.24	272	1	0.05	6	0.13	2	89	0.15	71	35
78500	50	0.2	4.56	11	276	0.3	5	2.56	0.2	45	25	35	124	5.91	0.39	14	13	2.00	861	4	0.08	26	0.11	2	202	0.31	177	76
78450 □*	50	0.2	0.78	3	112	0.2	5	0.72	0.2	24	8	13	49	1.07	0.14	4	3	0.33	258	1	0.02	7	0.11	2	31	0.05	31	44
78400	40	0.2	4.25	9	204	0.2	5	2.54	0.2	45	20	44	114	5.31	0.34	12	12	1.85	738	2	0.08	25	0.10	2	193	0.30	169	73
63350N-78350E •	25	0.2	3.16	9	232	0.3	5	2.83	0.2	40	24	21	238	3.58	0.45	10	9	1.31	931	6	0.07	24	0.11	2	152	0.18	112	68
63400N-79700E	5	0.8	2.29	7	429	0.2	5	1.33	0.5	42	38	24	59	3.17	0.33	10	6	0.68	4690	4	0.04	11	0.30	7	99	0.19	115	67
79650	40	0.2	4.49	5	440	0.3	5	1.67	0.4	44	33	50	120	5.68	0.58	13	14	2.24	1713	1	0.07	32	0.17	2	153	0.31	183	90
79550	90	0.2	4.59	6	178	0.2	5	3.39	0.6	40	36	44	223	5.84	0.29	12	11	2.43	958	1	0.09	47	0.10	2	201	0.36	182	58
79500	30	0.2	4.52	3	239	0.2	5	1.60	0.2	41	19	38	77	5.34	0.44	13	11	1.62	639	1	0.07	27	0.17	2	127	0.39	178	74
63400N-79450E	70	0.2	4.57	7	199	0.2	5	2.13	0.2	45	14	40	79	4.98	0.35	13	10	1.21	571	1	0.09	18	0.15	2	175	0.31	172	60

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
63400N-79400E	15	0.2	4.55	5	175	0.2	5	2.53	0.6	46	16	49	44	5.41	0.34	13	9	1.24	542	3	0.08	21	0.11	2	177	0.43	200	58
79350	10	0.2	4.32	6	277	0.2	5	1.08	0.2	38	9	28	63	5.08	0.52	10	7	0.66	573	1	0.09	9	0.36	4	102	0.21	157	57
79300	15	0.2	4.58	5	239	0.2	5	1.36	0.2	42	11	13	114	5.63	0.42	12	11	1.38	555	1	0.07	8	0.17	2	96	0.34	170	58
79250	20	0.4	3.78	5	250	0.2	5	1.82	0.2	43	13	17	74	5.33	0.40	12	8	0.91	651	3	0.08	8	0.19	2	151	0.29	174	50
63400N-79200E	10	0.4	3.31	3	235	0.2	5	1.98	0.2	47	4	13	25	2.23	0.31	12	4	0.30	287	1	0.07	4	0.16	5	170	0.32	123	22
63400N-79150E	120	0.2	3.84	10	143	0.2	5	2.96	0.2	45	10	42	21	3.95	0.26	13	5	0.52	348	1	0.06	10	0.13	5	216	0.51	238	31
79100	20	0.2	4.55	4	209	0.4	5	2.38	0.4	40	42	39	287	5.16	0.35	11	13	2.42	1557	1	0.07	46	0.18	2	120	0.26	148	97
79050	65	0.2	3.87	3	168	0.2	5	2.16	0.2	44	18	43	55	6.32	0.29	12	9	1.17	554	1	0.07	18	0.14	2	155	0.37	196	54
79000	45	0.2	5.31	5	467	0.5	5	1.59	0.2	54	30	28	149	7.12	0.75	17	11	1.15	1275	6	0.05	14	0.19	93	231	0.26	153	57
63400N-78950E	40	0.2	3.67	4	229	0.2	5	1.76	0.2	42	8	21	72	3.42	0.34	10	6	0.79	458	1	0.08	9	0.11	2	181	0.20	121	45
63400N-78900E	20	0.2	3.08	4	170	0.2	5	1.95	0.2	44	8	41	27	3.42	0.29	10	4	0.36	294	1	0.06	7	0.13	3	152	0.32	169	31
78850 **	500	1.2	3.24	5	124	0.9	5	1.06	0.4	58	15	14	522	1.87	0.30	55	6	0.58	260	1	0.04	10	0.20	3	97	0.12	68	41
63400N-78800E	30	0.2	4.24	9	259	0.2	5	2.32	0.3	48	15	38	72	5.71	0.50	12	10	1.22	502	1	0.10	17	0.14	3	172	0.30	185	65
63600N-79700E	80	0.4	5.05	17	380	0.4	5	2.70	0.7	48	42	36	225	6.34	0.49	16	16	2.43	1302	1	0.09	35	0.11	7	204	0.33	205	90
63600N-79650E	30	0.2	4.96	7	244	0.3	5	2.46	0.7	46	32	37	186	5.91	0.45	14	16	2.46	1139	1	0.09	36	0.12	2	171	0.35	201	83
63600N-79600E	25	0.2	4.98	4	287	0.3	5	2.21	0.4	47	28	33	126	5.97	0.46	14	16	2.27	1196	1	0.09	28	0.15	2	169	0.36	206	96
79550	35	0.2	4.61	5	286	0.3	5	2.34	0.3	48	25	37	136	5.56	0.51	15	15	2.29	880	1	0.08	29	0.10	2	157	0.34	193	85
79500	70	0.2	4.99	9	297	0.3	5	2.35	0.3	46	29	35	182	6.18	0.38	13	16	2.23	1130	1	0.11	29	0.16	2	185	0.34	199	97
79450	20	0.4	5.42	24	253	0.4	5	2.71	0.4	41	37	24	259	5.93	0.30	11	19	2.71	1164	1	0.12	37	0.15	2	149	0.32	179	102
63600N-79400E	45	0.2	4.98	16	321	0.4	5	2.88	0.4	45	59	30	204	6.00	0.32	13	15	2.01	1849	1	0.12	32	0.17	2	243	0.30	177	97
63600N-79350E	60	0.6	3.85	12	370	0.3	5	2.14	0.6	47	46	35	141	4.97	0.33	12	9	1.15	2595	1	0.08	20	0.38	4	215	0.26	155	86
79300	75	0.2	4.48	44	232	0.3	5	2.51	0.7	42	36	36	193	5.69	0.39	14	14	1.83	1053	1	0.09	46	0.14	2	200	0.28	164	98
79250	35	0.2	4.71	60	239	0.3	5	2.54	0.4	43	42	44	225	6.10	0.40	16	15	1.96	1196	1	0.09	61	0.12	3	202	0.29	170	109
79200	5	0.2	1.35	9	127	0.2	5	1.94	2.5	32	35	16	137	2.11	0.20	7	5	0.44	1182	1	0.03	14	0.16	3	72	0.09	52	88
63600N-79150E	5	0.2	3.05	4	330	0.2	5	1.40	0.4	39	20	25	81	4.15	0.46	10	8	0.90	2420	1	0.05	12	0.16	3	116	0.17	130	69
63600N-79100E	20	0.2	3.88	3	289	0.2	5	1.66	0.2	42	16	26	79	4.61	0.49	11	9	0.99	922	4	0.06	14	0.19	2	120	0.26	158	61
79050 *	5	0.2	1.37	5	202	0.2	5	2.24	0.6	38	9	13	68	1.55	0.26	6	5	0.44	488	5	0.04	7	0.12	2	83	0.07	54	59
79000	20	0.2	4.58	13	720	0.3	5	2.98	0.5	47	29	24	136	5.59	0.56	13	13	1.60	1113	1	0.10	26	0.11	2	188	0.28	177	82
78950	20	0.2	4.22	4	347	0.2	5	1.88	0.3	48	16	23	66	5.02	0.56	12	10	1.27	687	2	0.07	18	0.15	2	138	0.26	163	74
63600N-78900E	10	0.2	4.19	8	278	0.2	5	1.59	0.4	40	11	20	48	4.53	0.54	11	10	1.14	540	1	0.10	11	0.14	4	117	0.26	161	71
63600N-78850E	10	0.2	4.94	7	441	0.3	5	1.14	0.2	38	8	18	69	5.61	0.86	13	11	1.04	447	2	0.12	10	0.14	7	118	0.22	175	76
78800	15	1.2	4.48	4	462	0.3	5	0.89	0.3	33	6	25	77	5.22	0.91	12	10	0.99	404	2	0.13	10	0.17	8	101	0.19	166	81
78750	20	0.2	4.55	8	473	0.5	5	0.97	0.3	34	7	23	80	5.13	0.83	12	14	1.13	407	1	0.11	15	0.14	6	118	0.19	169	72
78700	30	0.2	4.87	9	522	0.5	5	1.12	0.4	38	12	29	126	5.28	0.87	14	17	1.47	564	2	0.14	24	0.10	8	126	0.17	158	92
63600N-78650E	30	0.2	4.84	2	647	0.5	5	1.44	0.4	44	10	26	139	5.20	0.95	14	16	1.33	558	2	0.13	21	0.15	5	159	0.19	158	105
63600N-78600E	5	0.2	3.15	2	531	0.3	5	0.97	0.2	40	4	21	17	2.14	0.52	11	5	0.35	197	3	0.07	6	0.06	5	112	0.15	130	30
78550	10	0.2	3.81	2	206	0.3	5	1.24	0.2	42	6	48	28	4.94	0.44	12	7	0.58	305	1	0.09	11	0.08	5	111	0.22	177	41
78500	5	0.4	3.45	2	227	0.4	5	1.09	0.2	41	5	25	23	3.05	0.51	12	7	0.46	287	1	0.08	8	0.11	5	111	0.19	151	38
63600N-78450E	15	0.2	4.88	6	312	0.6	5	1.74	0.5	48	39	85	229	5.38	0.67	15	28	3.29	972	1	0.13	164	0.21	2	148	0.19	142	161
64200N-79500E	110	0.8	5.03	31	267	0.3	5	2.82	0.9	51	59	22	314	6.34	0.42	15	15	1.87	1364	5	0.14	47	0.12	11	228	0.27	163	164
64200N-79450E	20	0.4	5.75	20	251	0.4	5	3.47	0.4	52	70	24	405	7.33	0.32	16	13	1.01	1747	14	0.08	47	0.16	3	302	0.21	153	110
79400	50	0.2	6.31	7	522	0.7	5	3.65	0.2	97	27	8	195	4.48	0.58	35	11	0.72	1297	2	0.08	16	0.12	7	469	0.15	104	67
79350	150	0.2	5.21	7	364	0.4	5	3.53	0.4	52	80	26	306	6.10	0.41	15	12	1.06	2157	5	0.07	31	0.14	3	312	0.21	146	75
79300	30	0.2	5.44	14	870	0.4	5	1.73	0.2	47	38	16	120	5.79	0.89	15	15	1.25	1967	3	0.07	20	0.16	3	164	0.26	159	87
64200N-79250E	20	1.2	4.37	99	4417	0.3	5	1.10	0.2	40	27	13	249	9.67	0.55	12	8	0.40	920	22	0.06	17	0.31	2	153	0.27	211	48

T.	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	64200N-79200E	20	1.0	5.77	76	2556	0.3	5	1.16	0.2	41	35	11	253	8.68	0.87	12	11	0.61	1198	21	0.08	22	0.28	2	119	0.29	200	57
3	79150	5	0.2	6.49	17	962	0.4	5	1.54	0.3	46	45	19	181	6.19	0.68	13	17	1.50	2669	3	0.08	25	0.20	2	138	0.28	168	127
4	79100	30	0.2	5.37	21	843	0.4	5	3.05	0.2	54	44	23	262	6.58	0.48	16	14	1.47	1348	5	0.10	34	0.12	3	241	0.29	183	118
5	79050 **	5	0.2	1.27	6	349	0.2	5	2.01	2.7	44	30	12	96	1.66	0.23	9	5	0.36	1600	1	0.05	14	0.18	4	118	0.07	45	189
6	64200N-79000E **	5	0.2	2.76	4	355	0.3	5	0.96	0.3	38	17	16	82	3.39	0.58	9	8	0.69	1306	1	0.07	11	0.18	6	85	0.11	98	62
7	64200N-78950E	5	0.2	4.50	10	698	0.4	5	1.65	0.8	46	16	31	119	5.72	0.59	13	14	1.24	820	4	0.10	22	0.22	32	144	0.24	164	109
8	78900 **	5	0.2	2.74	2	446	0.3	5	1.14	0.2	34	9	16	39	2.75	0.47	9	7	0.50	1238	1	0.09	8	0.22	7	96	0.16	112	57
9	78850	25	0.2	5.01	16	493	0.3	5	1.50	0.2	42	14	26	119	5.49	0.37	12	13	1.04	534	3	0.08	20	0.16	5	135	0.26	152	85
0	78800	5	0.4	4.36	2	373	1.0	5	0.89	0.2	36	8	31	62	5.80	0.71	12	13	0.99	423	1	0.09	15	0.16	11	90	0.20	167	68
1	64200N-78750E	5	1.0	3.13	2	263	1.1	5	0.46	0.2	28	6	24	39	4.08	0.58	11	10	0.58	302	1	0.05	10	0.20	10	50	0.16	141	55
2	64200N-78700E	5	0.2	2.96	2	267	0.6	5	0.69	0.2	34	4	34	19	2.68	0.51	11	7	0.39	218	1	0.06	9	0.10	6	103	0.19	138	37
3	78650 **	5	0.2	1.62	3	193	0.4	5	0.54	0.2	26	4	14	22	1.64	0.35	7	4	0.23	600	1	0.05	5	0.18	6	61	0.09	75	32
4	64200N-78600E	5	0.2	3.41	5	354	1.4	5	0.79	0.2	41	14	37	90	3.66	0.63	14	17	1.10	2174	1	0.07	24	0.20	8	86	0.13	142	85
5	64400N-79400E	35	0.2	4.87	65	699	0.5	5	2.87	1.4	55	39	30	134	5.38	0.75	19	16	1.62	3735	1	0.06	29	0.80	10	134	0.28	210	143
6	64400N-79350E	5	0.2	6.07	14	463	0.4	5	2.75	0.7	55	39	43	162	6.16	0.53	16	15	1.57	1963	1	0.10	36	0.17	5	268	0.30	203	119
7	64400N-79300E	10	0.2	5.56	13	315	0.9	5	3.79	1.2	53	54	32	361	5.46	0.31	15	12	1.00	3109	1	0.07	34	0.43	4	299	0.23	164	124
8	79250 *	5	0.2	4.21	12	184	0.2	5	2.36	0.4	50	31	23	137	4.95	0.38	14	15	1.91	1005	1	0.11	30	0.11	3	203	0.28	157	91
1	79200	15	0.2	4.57	10	233	0.3	5	2.90	0.4	45	31	28	164	5.05	0.39	13	14	1.95	1026	1	0.11	36	0.13	2	252	0.27	163	97
2	79150	10	0.2	3.10	10	185	0.3	5	2.67	2.0	41	33	34	179	3.69	0.30	9	11	1.35	1114	1	0.07	39	0.13	6	205	0.19	112	138
3	64400N-79100E	10	0.2	4.95	9	286	0.3	5	1.86	0.2	43	20	36	138	5.43	0.32	13	14	1.73	768	1	0.10	39	0.19	2	216	0.27	167	95
4	64400N-79050E	10	0.2	4.93	2	379	2.0	5	1.22	0.2	60	26	19	454	5.97	1.11	22	31	2.75	1278	1	0.08	49	0.42	2	142	0.29	277	136
5	79000	5	0.4	4.31	9	434	0.9	5	1.46	0.5	48	14	31	89	5.80	0.58	14	16	1.09	1711	1	0.09	19	0.37	9	135	0.29	229	140
6	78950	10	0.6	5.80	2	374	1.2	5	0.66	0.2	36	9	17	100	5.03	1.04	12	17	1.06	389	1	0.09	17	0.15	8	70	0.15	200	91
7	78900	10	0.4	4.67	4	316	1.0	5	0.96	0.2	45	10	30	82	5.91	0.53	14	12	0.87	603	1	0.08	15	0.24	8	112	0.22	182	87
8	64400N-78850E	10	0.6	4.66	2	376	0.8	5	0.78	0.2	39	7	22	67	5.14	0.72	13	11	0.80	437	1	0.10	11	0.21	8	91	0.20	184	72
9	64400N-78800E	5	1.2	3.91	2	351	1.0	5	0.89	0.2	46	9	22	60	4.15	0.61	14	9	0.61	791	1	0.07	11	0.24	11	141	0.24	195	65
0	78750	10	0.4	3.50	3	411	1.1	5	0.74	0.4	41	11	18	59	3.46	0.72	13	9	0.74	783	1	0.07	13	0.25	16	91	0.18	171	75
1	78700	5	0.2	4.00	2	364	0.8	5	1.00	0.2	39	7	24	70	3.57	0.58	12	7	0.42	503	2	0.07	9	0.25	4	134	0.21	171	64
2	64400N-78650E	10	0.2	4.46	6	333	0.5	5	1.67	0.5	52	37	209	190	6.38	0.57	16	24	3.22	963	1	0.13	157	0.32	2	166	0.24	169	128
3	64600N-79400E	15	0.2	6.05	22	242	0.4	5	2.84	0.8	48	48	17	267	6.12	0.37	14	16	1.63	1495	1	0.07	26	0.14	4	360	0.24	203	101
4	64600N-79350E	5	0.2	5.49	8	339	0.4	5	2.30	0.6	52	35	21	227	6.02	0.59	15	17	1.68	1542	1	0.07	34	0.14	6	361	0.22	174	116
5	79300	5	0.8	6.72	8	431	0.4	5	1.04	0.2	39	14	17	144	7.43	0.89	13	14	1.08	717	2	0.16	13	0.21	4	135	0.21	196	128
6	79250	570	0.8	9.81	2	531	0.9	5	0.05	0.2	26	49	23	848	9.40	1.54	13	13	0.43	400	36	0.25	26	0.28	9	48	0.02	133	433
7	79200	170	1.0	6.09	2	334	0.3	5	0.31	0.2	28	13	14	201	7.74	0.70	12	15	0.87	569	3	0.21	13	0.31	3	79	0.09	133	172
8	64600N-79150E	15	1.4	5.34	2	298	0.3	5	0.82	0.2	33	10	23	259	5.75	0.62	10	10	0.83	456	3	0.11	12	0.29	2	124	0.19	133	95
9	64600N-79100E	5	0.2	3.68	5	164	0.6	5	2.49	0.7	64	35	22	98	6.33	0.18	24	43	3.94	1137	1	0.04	68	0.53	2	414	0.53	292	113
0	79050	5	0.6	3.99	3	329	2.0	5	1.27	0.7	62	36	23	291	6.73	0.77	24	49	2.73	2314	1	0.03	40	0.46	7	86	0.29	332	185
1	79000	5	0.2	3.43	2	476	0.9	5	0.89	0.7	42	19	67	177	4.79	0.67	15	16	1.50	1574	1	0.08	52	0.38	10	113	0.23	195	129
2	78950	25	0.4	5.77	2	587	0.4	5	0.79	0.2	37	11	102	65	5.44	1.12	14	17	2.36	444	1	0.15	75	0.12	2	116	0.17	141	82
3	64600N-78900E **	15	0.8	2.15	2	500	0.2	5	0.59	0.2	30	6	23	95	1.79	0.66	8	4	0.25	2435	1	0.08	7	0.15	12	71	0.10	89	35
4	64600N-78850E	55	0.2	4.20	9	543	0.5	5	1.63	0.8	51	47	128	279	5.85	0.68	16	26	3.84	1364	1	0.10	179	0.34	2	130	0.26	160	132
5	78800	20	0.4	3.72	6	485	0.5	5	1.93	1.4	50	41	205	184	5.48	0.62	14	24	4.06	1045	1	0.10	228	0.34	2	142	0.19	128	142
6	78750	35	0.2	4.06	5	392	0.5	5	1.71	0.4	51	43	257	216	6.22	0.65	16	26	4.52	964	1	0.11	264	0.35	2	145	0.19	134	128
7	78700	15	0.2	3.85	6	382	0.5	5	1.62	0.7	48	42	210	167	5.56	0.59	15	26	4.76	924	1	0.10	279	0.32	2	131	0.18	119	121
8	64600N-78650E	30	1.2	4.82	2	314	0.3	5	0.57	0.2	34	17	69	217	5.22	0.93	12	14	1.55	533	2	0.15	61	0.27	6	69	0.13	121	102

	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
	64600N–78600E	20	0.2	6.55	22	218	0.4	5	1.43	0.4	49	52	54	174	6.55	0.42	13	25	2.54	1464	1	0.07	77	0.12	2	156	0.22	178	90
	78550	5	0.2	4.79	4	149	0.2	5	2.24	0.2	48	10	25	32	5.61	0.26	12	9	0.94	555	1	0.05	13	0.11	2	165	0.43	206	54
	78500	5	0.2	3.89	4	153	0.3	5	2.17	0.6	48	16	26	73	3.90	0.33	12	12	1.29	541	1	0.04	21	0.13	4	181	0.26	135	83
	78450	5	0.2	3.73	9	161	0.2	5	3.14	0.4	49	41	23	121	4.40	0.24	12	10	1.21	1674	1	0.03	29	0.15	2	221	0.23	127	92
	64600N–78400E	5	0.2	3.97	14	245	0.2	5	3.79	1.6	51	42	20	164	6.54	0.49	14	10	1.35	1631	1	0.03	38	0.15	2	197	0.30	137	167
	64800N–79600E	50	0.6	6.16	146	134	0.5	5	4.01	1.7	51	109	11	479	9.13	0.17	16	20	2.08	1843	2	0.05	35	0.11	22	636	0.21	273	203
	79550	70	0.4	5.86	62	319	0.4	5	2.24	0.4	56	57	24	297	7.16	0.46	17	20	2.51	1451	1	0.08	44	0.12	4	332	0.24	226	141
	79500	45	0.2	6.68	42	393	0.5	5	2.34	0.5	56	42	13	193	7.00	0.63	16	24	2.78	1814	1	0.07	25	0.11	5	286	0.30	228	125
	79400	30	0.2	8.35	7	860	0.5	5	0.45	0.2	42	20	5	143	7.21	2.23	16	15	1.36	566	13	0.22	11	0.14	8	74	0.12	153	127
	64800N–79350E	35	0.4	6.58	10	713	0.5	5	1.14	0.7	49	25	20	158	5.94	0.88	16	18	1.63	1607	1	0.10	20	0.26	22	181	0.23	183	202
	64800N–79300E	30	0.6	7.14	4	534	0.3	5	0.11	0.2	24	4	4	56	5.77	1.93	12	10	0.72	232	1	0.40	3	0.15	14	81	0.18	157	77
	79250	100	0.2	5.96	6	215	0.3	5	0.05	0.4	12	8	10	391	18.63	0.65	14	7	0.38	139	2	0.16	9	0.38	6	43	0.09	112	83
	79200	135	0.4	8.56	2	717	0.5	5	0.14	0.2	25	6	4	79	5.74	1.98	13	14	0.77	220	9	0.40	5	0.16	3	87	0.08	131	96
	79150	200	0.6	6.20	4	268	0.3	5	1.97	0.2	41	7	28	492	11.86	0.46	13	10	0.92	585	13	0.10	17	0.37	2	143	0.39	244	98
	64800N–79100E	145	1.2	6.60	2	318	0.3	5	1.33	0.2	40	16	23	483	10.46	0.57	13	14	1.22	757	11	0.16	18	0.34	2	135	0.24	179	135
	64800N–79050E	5	0.2	4.06	2	640	0.4	5	1.28	0.4	40	53	202	226	4.98	1.75	14	49	8.28	624	1	0.09	532	0.21	2	86	0.19	87	83
	79000	35	0.2	4.98	5	378	0.4	5	1.36	0.4	44	64	245	1999	6.02	0.20	15	44	6.10	869	1	0.09	400	0.28	2	84	0.20	107	143
	78950	95	0.2	5.52	2	340	0.4	5	0.56	0.2	30	25	141	172	6.70	0.93	13	20	3.33	519	1	0.21	182	0.25	2	72	0.21	146	99
	78900	35	0.4	6.12	2	475	0.4	5	0.63	0.5	37	53	74	620	6.36	1.35	14	28	2.70	1049	2	0.21	135	0.31	3	82	0.18	157	181
	64800N–78850E	60	0.4	6.54	2	516	0.4	5	0.56	0.5	36	48	62	595	6.93	1.48	13	24	2.26	1013	3	0.23	103	0.25	4	80	0.17	165	176
	64800N–78800E	45	0.4	6.03	2	461	0.4	5	0.48	0.2	32	29	48	331	6.34	1.31	13	17	1.77	873	2	0.21	60	0.24	3	77	0.16	156	122
	78750	10	0.4	4.34	2	226	0.6	5	0.91	0.2	36	12	90	67	5.06	0.50	11	13	1.37	598	1	0.08	38	0.14	2	86	0.19	155	69
	78700	25	0.2	3.27	2	214	0.9	5	0.90	0.2	43	7	24	24	3.59	0.49	13	9	0.66	332	1	0.06	8	0.14	5	84	0.20	177	49
	78650	30	0.2	4.34	2	360	1.6	5	0.88	0.2	45	16	21	214	4.76	0.60	15	24	1.29	1249	1	0.07	20	0.13	16	79	0.17	202	99
	64800N–78600E	15	0.2	4.16	16	195	0.4	5	2.69	0.7	49	41	43	173	4.90	0.34	12	17	1.33	2061	1	0.06	44	0.23	2	162	0.21	149	137
	64950N–78950E	20	0.8	6.09	2	198	0.4	5	0.44	0.2	34	12	21	141	5.63	0.62	13	19	0.98	639	3	0.07	15	0.35	2	131	0.24	180	81
	78900	5	0.2	3.31	2	150	0.5	5	1.30	0.3	54	23	11	84	5.19	0.45	16	29	2.68	638	1	0.03	37	0.20	2	372	0.46	256	102
	78850	5	0.2	3.23	5	125	0.4	5	1.79	0.3	60	21	21	84	4.86	0.29	17	29	1.66	1207	1	0.05	32	0.36	2	386	0.51	275	85
	78800	5	0.2	2.64	2	93	0.3	5	1.24	0.2	46	12	18	60	4.58	0.19	15	19	0.99	492	1	0.05	18	0.35	9	341	0.57	255	58
	64950N–78750E	15	0.4	4.04	3	160	0.7	5	1.21	0.2	44	20	39	136	5.17	0.42	15	25	1.61	889	1	0.05	33	0.35	3	120	0.21	202	90
	64950N–78700E	35	0.2	4.21	2	250	1.3	5	1.83	0.3	51	13	25	97	4.49	0.60	13	14	1.03	670	1	0.07	14	0.13	2	130	0.20	175	64
	78662	80	0.2	4.54	2	442	2.9	5	1.08	0.2	50	22	40	267	5.36	0.97	20	30	1.80	1663	1	0.05	38	0.17	4	115	0.19	228	101
	64950N–78650E	10	0.2	4.72	48	169	0.3	5	2.91	0.2	50	42	38	159	6.42	0.30	13	15	1.48	1109	2	0.05	52	0.15	2	198	0.25	153	90
	65000N–79600E	170	0.6	7.08	2	528	0.5	5	1.06	0.2	49	31	12	203	6.27	1.09	19	24	2.27	1950	1	0.12	19	0.16	11	118	0.30	186	180
	65000N–79550E	65	0.2	6.95	6	388	0.5	5	1.99	0.2	51	43	12	166	6.71	0.82	14	23	2.39	2832	1	0.06	17	0.11	4	157	0.36	200	110
	65000N–79500E	130	0.2	6.79	2	825	0.6	5	1.53	0.2	56	41	10	174	6.69	0.86	17	26	1.68	2654	1	0.10	11	0.22	9	239	0.32	196	107
	79450 •	300	0.4	6.83	2	783	0.4	5	0.92	0.5	48	63	4	214	8.39	1.69	16	17	1.84	2925	1	0.11	9	0.15	23	140	0.25	185	163
	79400	1200	1.0	6.51	5	843	0.4	5	0.91	0.2	52	37	9	169	10.29	1.40	21	16	1.50	1804	4	0.12	11	0.23	50	138	0.34	207	230
	79350	170	1.2	7.13	12	806	0.5	5	0.27	2.3	41	44	29	192	9.74	1.64	19	16	1.33	1947	5	0.20	24	0.27	39	97	0.17	175	553
	65000N–79300E	65	0.2	8.76	2	766	0.3	5	0.03	0.2	20	3	5	32	5.42	2.78	11	10	1.21	192	1	0.29	4	0.10	73	45	0.08	211	85
	65000N–79250E	110	0.6	7.65	11	582	0.3	5	0.17	0.2	23	6	6	88	8.63	2.08	12	10	0.94	273	2	0.30	4	0.24	20	69	0.15	189	137
	79200 •	120	0.2	5.08	7	496	0.2	5	0.27	0.2	16	1	4	138	12.70	1.42	9	7	0.70	266	3	0.31	1	0.26	2	90	0.19	177	81
	79150	610	0.2	6.95	6	405	0.3	5	0.59	0.2	27	4	6	236	13.68	0.80	11	8	0.82	371	12	0.20	10	0.59	2	111	0.26	212	89
	79100	210	0.4	7.28	5	537	0.3	5	0.53	0.2	32	6	6	169	11.60	1.49	13	11	1.02	421	10	0.25	7	0.40	4	107	0.23	204	105
	65000N–79050E	300	0.2	8.05	7	644	0.3	5	0.32	0.2	25	5	4	105	10.51	1.99	12	12	1.10	387	6	0.38	3	0.33	4	95	0.17	201	110

T.	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
6	65000N-79000E	5	1.4	3.15	2	271	0.2	5	0.33	0.4	25	9	9	94	4.18	0.68	7	5	0.52	415	1	0.08	4	0.25	7	87	0.10	80	108
7	65200N-79700E •	510	2.4	6.75	2	520	0.5	5	3.62	0.9	41	31	3	153	6.00	1.74	9	27	2.39	1764	5	0.07	5	0.07	2	48	0.19	204	94
8	79650	125	0.4	6.29	13	1232	0.8	5	1.14	1.3	89	53	26	217	6.28	1.60	36	22	2.02	4195	1	0.06	32	0.17	10	74	0.28	163	133
9	79600	150	0.2	5.64	7	493	0.5	5	1.96	0.2	67	40	13	220	6.45	0.84	21	19	1.50	1542	3	0.07	14	0.10	7	269	0.24	155	108
0	65200N-79550E	140	0.2	5.42	2	514	0.5	5	1.45	0.2	61	37	9	125	5.64	0.85	17	19	1.33	2201	5	0.06	12	0.12	8	149	0.21	127	105
1	65200N-79500E	120	0.2	6.44	2	581	0.5	5	2.36	0.9	51	71	5	263	7.10	0.98	15	17	1.97	3111	4	0.06	10	0.11	3	214	0.30	187	172
2	79450	900	1.4	6.38	2	573	0.5	5	2.09	0.7	53	53	7	536	7.29	0.82	16	15	1.82	2702	3	0.06	11	0.15	10	272	0.30	174	187
3	79400	3700	5.4	6.48	2	546	0.5	5	1.22	1.3	52	84	15	384	9.90	0.99	18	19	2.13	3666	8	0.08	21	0.20	17	138	0.30	192	287
4	79350	210	0.4	6.73	5	730	0.4	5	0.71	1.4	40	42	11	201	8.68	1.58	16	13	1.39	2090	4	0.12	16	0.21	58	122	0.22	184	394
5	65200N-79300E	75	0.4	7.48	2	500	0.7	5	1.17	5.9	49	298	6	391	8.59	0.99	13	15	1.08	5648	7	0.12	26	0.29	9	761	0.25	109	442
6	65200N-79250E	1430	0.4	5.34	12	490	0.3	5	0.13	0.2	16	68	4	242	11.05	1.64	9	5	0.54	760	102	0.15	10	0.17	24	64	0.08	155	230
7	79200	120	0.2	7.74	17	556	0.3	5	0.17	0.2	21	6	6	104	9.77	2.39	13	9	1.06	297	6	0.28	6	0.23	5	81	0.17	200	97
8	79150 •	75	0.2	7.15	4	662	0.3	5	0.51	0.3	33	14	4	142	7.34	1.91	12	11	1.17	706	3	0.19	4	0.17	15	189	0.15	172	174
9	79100	100	0.2	7.21	5	590	0.3	5	0.25	0.2	28	10	5	136	9.38	1.85	13	12	1.27	489	7	0.30	5	0.26	15	102	0.14	193	132
0	65200N-79050E •	15	0.2	1.25	5	237	0.2	5	1.97	5.5	42	11	6	59	1.92	0.36	7	4	0.34	790	3	0.05	4	0.17	6	65	0.03	38	171
1	65200N-79000E	55	0.6	6.40	2	499	0.3	5	0.54	0.2	38	9	7	254	6.48	1.27	14	12	1.15	416	6	0.16	5	0.16	8	109	0.12	142	122
2	78950	5	0.2	4.62	6	290	0.9	5	0.54	0.2	31	48	187	31	5.70	2.26	13	72	7.05	807	1	0.02	423	0.26	2	48	0.21	126	74
3	78900	5	0.2	3.65	2	132	0.2	5	0.55	0.4	24	38	380	21	6.09	0.17	10	28	5.92	549	1	0.04	354	0.19	2	38	0.34	180	80
4	78850	20	0.2	4.72	3	296	0.5	5	1.27	0.2	44	28	184	87	5.89	0.64	14	41	3.61	557	1	0.11	185	0.25	2	90	0.39	198	75
5	65200N-78800E	35	0.4	5.00	3	375	1.0	5	1.59	0.4	52	23	27	221	6.31	0.70	16	26	1.55	912	1	0.08	38	0.20	16	207	0.19	199	96
6	65400N-79700E	100	0.2	6.44	2	621	0.4	5	1.12	0.8	47	29	27	180	7.09	1.10	15	20	1.90	2210	4	0.14	22	0.17	25	121	0.20	177	177
7	79650	170	0.4	7.12	2	656	0.4	5	1.30	0.9	52	38	10	204	8.05	1.34	17	21	2.03	2027	3	0.09	14	0.20	44	131	0.30	210	234
8	79550	90	0.4	6.74	7	540	0.4	5	1.36	0.8	55	28	14	190	8.65	0.95	17	14	1.77	1777	4	0.07	14	0.27	90	149	0.34	202	297
1	79500	35	0.2	7.61	2	413	0.5	5	0.71	11.7	41	134	35	302	8.69	0.54	16	16	2.48	5048	8	0.04	77	0.26	24	91	0.32	185	1186
2	65400N-79450E	40	0.2	6.05	7	776	0.2	5	0.58	0.2	34	3	11	98	11.10	1.70	15	10	1.18	674	1	0.10	3	0.20	43	108	0.34	259	193
3	65400N-79400E	45	0.2	6.71	4	649	0.5	5	0.81	2.9	49	103	9	298	9.36	0.97	18	14	1.36	3172	4	0.06	21	0.39	41	138	0.33	169	631
4	79350	100	0.6	5.68	10	808	0.4	5	1.03	3.0	51	37	6	247	9.65	1.39	18	12	1.20	1597	4	0.14	10	0.26	92	178	0.30	188	547
5	79300	270	4.4	6.45	5	685	1.0	5	0.65	13.2	44	105	48	422	8.80	1.22	17	23	1.91	3870	9	0.08	54	0.24	51	104	0.18	172	1701
6	79250	210	1.4	6.43	7	806	0.6	5	0.83	6.4	46	53	14	414	9.19	1.42	16	17	1.45	2449	7	0.15	20	0.25	34	191	0.21	156	843
7	65400N-79200E	200	1.0	5.88	12	863	0.5	5	0.97	8.1	51	62	16	372	9.13	1.26	18	17	1.66	2720	5	0.12	22	0.21	56	157	0.22	166	976
8	65400N-79150E	200	0.6	6.59	3	783	0.4	5	1.00	2.0	50	40	6	468	8.83	1.24	18	17	1.48	1815	6	0.13	11	0.24	14	219	0.23	168	411
9	79100	180	0.6	6.79	5	800	0.4	5	1.04	1.8	53	37	6	471	9.07	1.29	18	17	1.51	1769	6	0.13	10	0.23	14	216	0.24	178	409
0	79050	55	0.2	6.07	3	540	0.3	5	1.09	0.2	45	14	18	126	7.42	1.07	14	14	1.67	736	3	0.15	12	0.17	6	131	0.24	174	113
1	79000 ▪•	15	1.2	3.48	2	361	0.2	5	0.28	0.3	18	5	7	72	2.92	0.80	6	6	0.53	260	2	0.08	3	0.19	2	62	0.09	84	86
2	65400N-78950E	30	0.2	5.86	2	469	0.3	5	0.94	0.2	36	7	24	76	5.70	1.13	11	11	1.10	554	2	0.12	8	0.20	6	95	0.23	163	76
3	65400N-78900E	25	0.2	4.25	2	215	0.2	5	0.75	0.2	34	6	24	142	5.80	0.45	10	8	0.63	359	4	0.07	6	0.24	2	70	0.23	115	66
4	65400N-78850E	65	0.2	4.55	2	174	0.3	5	1.90	0.3	50	12	21	1217	4.04	0.40	13	13	1.02	507	1	0.07	14	0.13	2	132	0.25	137	72
5	65600N-79750E	80	0.2	6.70	7	730	0.4	5	0.89	0.9	44	29	17	190	6.94	1.31	15	19	1.71	1832	2	0.13	14	0.17	43	88	0.22	183	268
6	79700	45	0.2	5.65	2	559	0.5	5	0.86	0.8	44	22	13	136	6.04	0.99	13	16	1.50	2358	1	0.08	13	0.34	19	91	0.22	164	169
7	65600N-79650E	30	0.2	5.21	5	500	0.3	5	0.78	0.4	41	26	15	149	6.14	0.81	13	16	1.84	1906	2	0.09	14	0.20	17	77	0.23	180	175
8	65600N-79600E	80	0.4	6.67	12	825	0.4	5	0.75	0.4	47	34	10	168	8.54	1.50	16	16	1.48	1489	4	0.13	11	0.24	67	98	0.25	185	290
9	79550	130	0.4	6.32	12	780	0.4	5	0.62	0.5	46	18	9	179	8.33	1.55	17	14	1.33	1044	4	0.11	10	0.24	40	98	0.24	169	313
0	79500	50	0.4	6.76	9	775	0.5	5	0.50	1.4	44	35	8	223	8.19	1.49	16	16	1.33	2081	4	0.14	12	0.22	47	75	0.18	152	342
1	79450	350	3.4	5.29	7	589	0.7	5	0.49	12.9	37	82	102	295	8.79	1.12	16	18	2.27	5101	3	0.06	92	0.14	138	47	0.09	168	938
2	65600N-79400E •	85	0.4	5.53	3	1179	0.3	5	0.43	0.3	32	16	11	133	8.15	1.46	14	12	1.46	1018	4	0.08	8	0.17	16	66	0.29	190	377

T.	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
3	65600N-79350E	90	0.6	8.12	2	1149	0.2	5	0.39	0.2	38	3	6	82	7.05	3.03	18	6	0.82	375	1	0.17	1	0.19	22	88	0.48	202	133
4	79300	130	0.6	6.98	2	1020	0.3	5	0.28	0.2	34	5	4	88	8.00	2.43	16	8	1.05	453	1	0.15	1	0.21	16	74	0.28	162	165
5	79250	300	1.0	7.68	2	1044	0.4	5	0.34	1.0	40	29	6	174	8.81	2.14	18	14	1.58	1561	1	0.11	9	0.25	21	74	0.26	189	301
6	79200	200	1.4	7.25	2	1060	0.4	5	0.24	2.1	40	43	6	220	8.38	2.11	17	15	1.36	1699	1	0.18	14	0.22	16	63	0.14	157	410
7	65600N-79150E	130	0.4	7.57	2	966	0.4	5	0.27	0.9	40	25	6	220	9.51	2.24	19	16	1.38	1007	1	0.21	9	0.24	15	75	0.12	166	344
8	65600N-79100E	160	0.2	7.89	2	1026	0.4	5	0.20	0.2	41	21	6	189	9.93	2.42	20	13	1.32	854	2	0.18	7	0.25	16	68	0.14	170	316
9	79050 •	50	0.4	6.80	2	862	0.5	5	0.09	0.2	25	6	3	83	7.26	1.86	12	19	0.84	289	3	0.34	2	0.18	8	69	0.07	121	79
0	79000	120	0.2	7.61	2	452	0.3	5	0.17	0.2	27	16	6	212	11.85	1.02	14	15	1.46	575	20	0.43	3	0.29	10	82	0.07	151	82
1	78950	150	0.2	6.55	2	340	0.3	5	1.14	0.2	43	11	11	128	8.28	1.06	14	11	1.23	607	7	0.21	6	0.19	2	110	0.37	186	72
2	65600N-78900E •	70	0.2	6.71	2	448	0.3	5	0.53	0.2	32	51	7	224	8.37	0.99	12	15	1.26	2189	10	0.35	8	0.19	2	104	0.15	149	89

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** JULY 14 **LAB CODE:** 9407–013
Material: 64 Soils **Sheet:** 1 of 2 **Date completed:** JULY 26
Remarks: * Sample screened @ –35 MESH (0.5 mm)
Organic, Δ Humus, S Sulfide 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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Ti	V	Zn
o.	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm
9	638N – 78450E	50	0.2	4.30	8	289	0.4	5	1.66	0.5	45	38	307	221	6.41	0.67	13	20	2.10	999	2	0.14	112	0.23	2	139	0.17	163	157
0	78500	5	0.2	1.60	2	190	0.7	5	1.96	1.8	38	8	20	130	1.67	0.26	9	8	0.37	1123	12	0.04	12	0.15	5	119	0.06	58	43
1	78550	10	0.2	3.35	2	221	0.6	5	0.74	0.2	32	10	59	49	4.66	0.50	9	13	0.84	412	1	0.07	23	0.13	4	71	0.13	140	52
2	78600	40	0.2	3.87	2	308	0.4	5	1.03	0.2	40	6	64	34	4.70	0.60	10	11	0.79	372	1	0.09	19	0.09	7	96	0.19	154	46
3	638N –78650E	15	0.2	4.48	2	334	0.3	5	1.07	0.2	43	12	84	52	5.33	0.63	11	15	1.48	450	1	0.10	49	0.12	6	108	0.20	153	68
4	638N –78700E	10	0.2	3.90	10	373	0.5	5	1.45	0.5	47	17	38	158	4.23	0.53	11	20	0.99	1435	12	0.09	19	0.21	5	110	0.17	132	97
5	78750	20	0.2	4.81	2	491	0.3	5	1.53	0.3	45	20	22	140	4.91	0.66	12	15	1.20	1066	5	0.11	19	0.15	4	127	0.21	151	99
6	78800	25	0.2	4.51	2	434	0.3	5	1.01	0.2	40	12	27	83	4.84	0.75	12	11	1.00	579	2	0.11	18	0.16	7	105	0.18	155	76
7	78850	20	0.2	4.69	2	607	0.4	5	1.20	0.2	43	12	36	96	6.53	0.78	12	15	1.27	724	3	0.12	22	0.17	8	136	0.23	173	87
8	638N –78900E	10	0.2	1.80	3	1229	0.3	5	1.76	1.1	45	13	21	42	1.69	0.26	12	6	0.42	2526	1	0.05	13	0.17	9	115	0.07	51	54
01	638N –78950E	30	0.2	5.23	2	467	0.3	5	1.84	0.2	48	20	29	130	5.30	0.63	12	13	1.27	989	1	0.10	19	0.14	2	152	0.25	167	90
02	79000	20	0.2	6.07	2	498	0.3	5	1.28	0.2	44	12	27	105	6.31	0.83	12	15	1.32	574	1	0.14	17	0.14	2	130	0.21	161	94
03	79050	15	0.8	4.35	2	400	0.2	5	1.64	0.2	49	9	25	56	3.71	0.59	11	7	0.62	565	1	0.08	9	0.24	3	140	0.28	156	52
04	79100	40	0.2	5.41	2	544	0.3	5	2.23	0.2	60	28	38	132	5.71	0.77	16	14	1.59	1209	1	0.09	24	0.13	2	167	0.28	183	86
05	638N –79150E	25	0.2	5.93	2	591	0.3	5	1.44	0.2	51	30	28	193	6.00	0.96	12	16	1.75	1196	1	0.06	23	0.11	2	111	0.23	182	75
06	638N –79200E	70	0.2	5.65	2	719	0.3	5	1.48	0.2	57	33	23	360	6.18	1.06	14	14	1.30	1999	1	0.07	18	0.15	9	112	0.22	180	87
07	79250	60	0.2	5.61	2	442	0.3	5	1.93	0.2	53	37	27	225	6.41	0.65	13	16	1.69	1806	1	0.06	25	0.12	3	143	0.24	182	76
08	79300	60	0.2	4.29	10	267	0.2	5	1.84	0.2	49	21	41	110	5.72	0.36	12	13	1.32	763	2	0.07	28	0.17	3	138	0.30	173	78
09	79350	75	0.2	3.95	42	247	0.3	5	1.97	0.5	50	41	44	202	5.66	0.34	14	13	1.16	1225	2	0.08	48	0.14	5	146	0.27	157	106
10	638N – 79400E	50	0.2	4.23	15	280	0.2	5	1.81	0.2	48	23	41	127	5.46	0.32	13	12	1.21	988	2	0.07	27	0.15	2	157	0.28	159	67
11	64000N – 78550E	30	0.2	5.27	3	312	0.5	5	1.35	0.4	43	48	217	429	6.47	0.74	13	26	2.46	1090	2	0.15	135	0.19	2	133	0.19	166	178
12	78600	15	0.2	4.69	2	458	0.4	5	0.89	0.2	34	8	36	66	4.57	0.76	10	13	0.98	488	2	0.11	18	0.24	5	109	0.17	150	78
13	78650	30	1.0	2.91	2	372	2.4	5	0.85	2.6	36	12	30	334	2.91	0.58	16	18	0.59	2132	9	0.06	15	0.17	11	103	0.08	115	75
14	78700	10	0.8	3.94	2	219	3.6	5	0.30	0.2	25	7	28	45	5.02	0.66	10	14	0.56	363	1	0.05	11	0.14	10	38	0.09	217	67
15	64000N –78750E	15	0.2	3.47	2	272	0.5	5	0.86	0.2	36	9	37	72	4.22	0.66	9	9	0.74	352	1	0.09	14	0.16	3	81	0.15	153	44
16	64000N –78800E	45	0.2	4.69	2	506	0.5	5	0.90	0.2	36	20	30	107	4.56	0.80	11	14	0.96	968	2	0.10	16	0.16	7	121	0.19	163	68
17	78850	25	0.2	5.50	2	527	0.4	5	0.95	0.2	37	12	41	111	6.16	0.93	13	16	1.51	599	2	0.14	31	0.18	5	122	0.22	175	82
18	78900	35	0.2	4.83	2	552	0.3	5	1.07	0.2	38	10	37	67	5.26	0.85	13	10	0.95	947	2	0.12	17	0.27	6	139	0.23	169	66
19	78950	20	0.2	5.29	2	564	0.4	5	0.93	0.2	36	14	62	113	6.13	0.87	12	16	1.61	742	2	0.14	45	0.24	7	129	0.24	181	97
20	64000N –79000E	30	0.6	5.89	2	519	0.3	5	0.92	0.2	34	14	50	128	5.49	0.92	12	16	1.66	596	2	0.16	41	0.19	6	110	0.16	146	95
21	64000N –79050E	50	0.2	6.60	2	613	0.4	5	0.99	0.2	39	14	27	176	6.70	1.29	12	16	1.84	608	3	0.22	24	0.15	2	158	0.18	175	99
22	79100	20	0.2	4.43	2	413	0.2	5	1.24	0.2	39	7	17	68	4.01	0.80	9	7	0.62	722	2	0.12	7	0.29	3	123	0.20	151	62
23	79150	5	0.2	5.82	2	1589	0.5	5	1.37	0.2	52	11	16	56	4.26	1.07	16	13	1.08	1124	1	0.06	12	0.31	12	113	0.19	135	88
24	79200	10	0.2	5.51	2	484	0.4	5	2.19	0.2	52	34	34	220	6.19	0.55	12	14	1.41	1463	1	0.07	23	0.26	2	145	0.27	201	82
25	64000N –79250E	5	0.2	7.12	2	564	0.4	5	2.16	0.2	49	38	10	162	5.87	0.86	11	15	1.66	1523	1	0.09	15	0.14	2	286	0.26	184	73

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
126	64000N –79300E	30	0.2	4.85	2	426	0.3	5	2.49	0.2	50	38	26	274	5.83	0.55	10	10	1.07	1296	2	0.06	26	0.13	2	235	0.26	147	65
127	79350	15	0.8	4.98	7	538	0.4	5	3.98	0.2	55	42	11	390	8.13	0.36	15	9	0.63	1720	28	0.06	16	0.15	5	445	0.25	111	67
128	64000N – 79400E	50	0.8	5.58	11	211	0.6	5	5.73	0.2	47	54	13	376	7.49	0.25	12	11	0.65	2625	3	0.07	31	0.11	3	233	0.23	163	79
129	62600N – 78400E	15	0.2	6.76	2	555	0.6	5	1.04	0.2	38	55	16	244	6.38	1.63	10	60	1.44	1152	4	0.08	27	0.10	5	79	0.12	195	80
130	62600N –78450E	20	1.2	4.38	2	288	0.3	5	2.42	1.1	47	19	21	187	4.44	0.55	11	17	1.06	1117	5	0.09	35	0.17	5	128	0.22	141	196
131	62600N –78500E	5	0.2	4.65	2	376	0.3	5	2.04	0.2	45	19	28	111	4.82	0.60	11	16	1.28	1212	2	0.10	24	0.14	2	141	0.24	157	141
132	78550	5	0.2	5.15	2	564	0.3	5	1.30	0.2	44	9	26	91	6.43	0.81	12	14	1.14	529	2	0.13	11	0.21	5	139	0.24	188	96
133	78600	5	0.4	6.65	2	279	0.3	5	0.88	0.2	36	29	18	187	6.81	0.44	11	40	1.83	511	1	0.23	18	0.16	2	73	0.11	170	79
134	78650	5	0.4	4.11	2	272	0.2	5	2.04	0.2	52	14	32	47	5.83	0.45	12	9	0.92	718	1	0.08	13	0.22	2	162	0.29	174	74
135	62600N –78700E	50	0.2	4.71	2	258	0.3	5	2.38	0.2	48	32	26	165	5.32	0.52	12	15	1.37	927	2	0.09	23	0.11	2	156	0.27	163	108
136	62600N –78750E	15	0.2	3.74	2	349	0.2	5	1.32	0.2	40	11	26	82	4.30	0.63	10	9	0.96	467	2	0.08	14	0.16	3	121	0.19	137	65
137	78800	20	0.2	4.32	2	300	0.2	5	0.96	0.2	36	21	18	187	5.49	0.60	9	10	1.04	518	4	0.07	14	0.19	2	90	0.18	135	57
138	78850	10	2.6	3.87	2	259	0.2	5	1.09	0.2	37	25	14	151	5.41	0.49	10	9	0.99	1148	4	0.04	12	0.28	4	91	0.15	118	80
139	78900	20	0.2	4.86	2	342	0.2	5	1.01	0.2	39	45	13	180	6.81	0.62	12	11	1.29	1314	5	0.05	13	0.23	4	92	0.17	144	65
140	62600N –78950E	5	1.8	3.75	2	262	0.2	5	0.75	0.2	32	16	13	119	5.56	0.46	9	8	0.90	488	4	0.05	9	0.20	7	77	0.14	114	52
141	62600N –79000E	5	0.2	4.33	2	318	0.2	5	0.78	0.2	29	9	11	117	6.55	0.55	9	10	1.27	548	3	0.06	5	0.19	2	95	0.18	146	58
142	79050	35	1.4	5.17	2	383	0.2	5	0.83	0.2	30	17	23	257	7.42	0.42	9	9	1.09	762	3	0.05	7	0.20	2	115	0.18	143	114
143	79100	5	0.2	5.01	2	296	0.2	5	0.56	0.2	25	6	16	133	8.92	0.46	8	11	1.37	437	2	0.05	3	0.19	2	69	0.21	168	56
144	79150	30	0.2	5.94	2	334	0.2	5	0.93	0.2	39	9	14	157	9.99	0.70	11	11	1.41	407	6	0.14	5	0.21	2	109	0.22	211	50
145	62600N –79200E	60	0.2	6.82	2	391	0.3	5	1.15	0.2	41	33	12	181	8.41	0.82	11	13	1.58	818	4	0.08	10	0.19	2	117	0.25	191	63
146	62600N –79250E	30	0.2	6.70	2	556	0.2	5	1.08	0.2	38	17	13	175	8.69	0.60	9	12	1.56	596	5	0.06	10	0.19	2	110	0.24	187	50
147	79300	35	0.2	5.46	2	224	0.2	5	1.78	0.2	44	18	18	217	6.11	0.45	10	12	1.51	636	2	0.05	16	0.15	2	141	0.29	168	48
148	79350	30	0.2	4.89	2	220	0.2	5	3.28	0.2	47	22	15	318	5.50	0.38	10	11	1.45	758	2	0.07	14	0.17	2	246	0.35	189	56
151	79400	45	0.2	5.25	2	272	0.3	5	3.12	0.2	48	45	19	416	6.24	0.40	12	11	1.48	1095	3	0.07	15	0.15	2	245	0.37	205	61
152	62600N –79450E	5	0.2	5.06	2	277	0.2	5	2.29	0.2	44	22	21	247	5.05	0.38	10	11	1.32	829	1	0.06	16	0.24	2	186	0.36	171	67
153	62600N –79500E	50	0.2	5.09	2	288	0.2	5	2.65	0.2	47	51	12	394	5.65	0.33	11	11	1.42	1093	2	0.07	11	0.17	2	228	0.35	184	66
154	79550	40	0.2	4.76	2	236	0.2	5	2.69	0.2	46	38	19	421	5.87	0.39	12	13	1.55	890	1	0.07	19	0.18	2	230	0.35	192	66
155	79600	5	0.2	5.82	2	313	0.3	5	2.72	0.2	43	41	30	348	7.72	0.67	11	9	1.10	1091	3	0.05	52	0.17	2	244	0.31	170	48
156	62600N – 79700E	75	1.6	5.33	5	34	0.3	5	9.22	0.2	27	85	31	1285	9.83	0.08	11	7	0.80	2886	5	0.04	31	0.13	2	230	0.18	136	157

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: CROYDON – 45583 **Geol.:** G.G. **Date received:** AUG. 12 **LAB CODE:** 9408–033

Material: 57 Soils **Sheet:** 1 of 2 **Date completed:** AUG. 29

Remarks: • Sample screened @ –35 MESH (0.5 mm)

¤ Organic, Δ Humus, S Sulfide

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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

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

T. o.	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
	65800N – 78900E	25	0.2	3.55	8	166	0.5	5	1.07	2.0	36	199	34	331	14.19	0.31	12	10	0.82	3648	5	0.06	41	0.15	14	87	0.15	103	230
	78950 •	15	0.2	0.69	7	109	0.2	5	2.55	0.9	29	97	5	30	1.84	0.18	3	3	0.14	3034	4	0.03	7	0.09	3	73	0.02	23	96
	79000	30	0.2	2.06	31	211	0.9	5	0.70	4.3	39	574	28	72	17.24	0.32	17	6	0.46	15000	22	0.04	90	0.14	28	78	0.07	65	1258
	79050	130	0.6	7.48	6	1349	0.5	5	0.36	0.5	27	11	8	49	6.39	2.11	11	16	1.62	697	8	0.20	8	0.16	11	69	0.18	210	150
	65800N –79100E	150	0.8	7.32	10	1360	0.5	5	0.33	0.7	27	6	8	65	7.06	2.16	12	16	1.56	477	9	0.22	8	0.18	13	73	0.17	211	141
	65800N –79150E	140	0.6	5.85	11	1069	0.4	5	0.12	0.2	17	7	7	70	8.17	1.67	9	13	1.16	393	4	0.32	6	0.19	19	55	0.11	188	122
	79200	130	0.8	5.20	15	724	0.4	5	0.97	0.9	33	21	16	138	8.85	1.15	10	13	1.76	1304	3	0.07	16	0.19	94	78	0.32	222	254
)	79250	130	0.8	5.32	26	1532	0.4	5	1.07	1.4	35	13	10	93	8.48	1.48	11	13	1.70	1268	7	0.07	10	0.18	104	92	0.33	206	376
1	79300	160	1.0	6.96	4	887	0.6	5	0.54	0.6	32	18	17	138	8.83	1.89	14	13	1.58	895	4	0.12	15	0.27	49	88	0.34	218	245
2	65800N –79350E	110	0.8	6.25	2	967	0.5	5	0.49	1.0	28	34	12	156	7.88	1.61	11	15	1.36	1756	2	0.13	14	0.18	92	69	0.19	185	321
3	65800N –79400E	90	1.2	5.79	2	1013	0.7	5	0.98	3.0	39	45	16	157	7.02	1.47	12	16	1.20	3256	1	0.16	25	0.15	100	87	0.14	164	375
4	79450	85	0.8	5.99	2	670	0.6	5	1.39	0.7	41	32	9	208	7.35	1.22	12	14	1.38	1622	5	0.09	11	0.18	42	167	0.29	207	223
5	79500	120	1.2	6.27	2	729	0.6	5	0.89	0.6	38	27	12	208	7.42	1.37	13	14	1.40	1859	4	0.11	14	0.20	47	168	0.21	176	295
6	79550	85	1.0	6.84	2	912	0.7	5	0.77	1.6	40	35	8	193	7.56	1.62	14	15	1.52	2496	3	0.10	14	0.19	46	133	0.19	166	327
7	65800N –79600E	160	1.2	6.35	2	565	0.7	5	0.80	1.7	38	31	16	286	5.91	1.09	14	18	2.10	3420	1	0.06	21	0.15	25	77	0.13	167	203
8	65800N –79700E	430	3.0	5.57	2	922	0.9	5	0.75	1.2	36	38	13	310	6.94	1.53	12	16	1.87	3980	6	0.05	18	0.12	23	74	0.11	183	125
9	65800N – 79750E	360	1.0	4.89	2	548	0.6	5	1.30	0.9	41	32	30	224	6.31	0.86	12	16	2.18	2979	5	0.04	21	0.13	16	120	0.21	190	120
0	66000N – 78800E	35	0.2	5.41	3	245	0.5	5	1.92	0.7	40	20	26	145	4.94	0.53	10	14	1.39	821	1	0.09	24	0.12	2	177	0.24	161	93
1	78850	40	0.2	5.17	3	353	0.7	5	1.80	0.8	44	28	30	319	5.57	0.69	13	18	1.70	1068	1	0.11	29	0.10	7	144	0.24	171	114
2	66000N –78900E	20	0.2	5.17	2	210	0.5	5	1.69	0.3	40	25	27	149	4.71	0.44	11	15	1.37	1098	1	0.08	22	0.15	2	132	0.24	147	112
3	66000N –78950E	25	0.2	5.66	2	243	0.4	5	1.66	0.4	37	18	26	130	5.08	0.50	9	13	1.39	675	1	0.08	21	0.11	2	129	0.24	156	91
4	79000	20	0.4	5.53	2	253	0.4	5	1.76	0.5	42	13	30	93	4.41	0.55	11	13	1.21	553	1	0.09	19	0.21	2	143	0.28	158	92
5	79050	50	0.2	5.61	2	333	0.4	5	1.79	0.3	38	23	25	170	5.60	0.65	10	13	1.49	808	1	0.09	21	0.11	2	122	0.23	161	100
6	79100	30	0.8	5.38	2	295	0.4	5	1.09	0.4	33	13	26	176	5.21	0.61	10	13	1.37	561	1	0.08	19	0.17	4	84	0.24	141	216
7	66000N –79150E	50	0.2	5.48	2	344	0.4	5	1.54	0.8	37	21	27	127	5.39	0.67	10	14	1.48	1111	1	0.09	21	0.14	8	114	0.27	171	159
8	66000N –79200E	120	0.6	5.73	4	379	0.5	5	1.55	0.8	39	29	29	180	7.42	0.95	11	16	1.88	1852	4	0.07	20	0.15	49	99	0.29	179	379
9	79250	35	0.6	5.50	2	451	0.5	5	1.05	0.5	35	17	24	136	5.62	0.80	9	16	1.56	955	2	0.08	20	0.18	37	81	0.25	153	243
0	79300	110	1.0	6.25	7	993	0.5	5	1.06	0.3	33	21	14	116	7.75	1.53	10	16	1.68	1585	3	0.09	18	0.18	146	93	0.29	197	311
	79350	90	1.0	7.11	5	959	0.8	5	0.54	0.7	32	26	23	164	7.21	1.83	13	20	1.77	2300	4	0.10	26	0.19	56	61	0.22	192	307
2	66000N –79400E	100	1.2	6.34	2	989	0.6	5	0.43	1.3	28	33	13	149	7.43	1.70	12	16	1.48	2247	2	0.14	19	0.18	86	58	0.17	181	363
3	66000N –79450E	190	1.6	6.27	7	800	0.6	5	1.40	2.2	39	31	26	191	6.90	1.37	12	19	1.90	2362	1	0.12	24	0.14	95	111	0.23	191	455
4	79550 ¤Δ	10	0.8	1.80	4	340	0.2	5	0.78	1.7	28	14	8	64	2.11	0.44	6	4	0.37	2348	1	0.03	6	0.21	22	40	0.07	56	95
5	79600	55	0.6	5.99	2	499	0.6	5	1.14	0.7	38	20	19	176	5.43	0.82	10	14	1.76	1814	1	0.07	16	0.17	26	188	0.24	168	155
6	79650	100	1.0	6.22	6	575	0.6	5	1.14	0.7	38	27	21	197	6.08	1.04	11	18	2.04	2140	1	0.07	26	0.16	41	95	0.22	172	220
7	66000N –79700E	140	1.0	5.94	8	563	0.6	5	1.49	1.0	44	31	27	227	6.10	1.02	12	16	1.85	2356	1	0.08	23	0.14	36	127	0.22	173	216

31/08 GB 44

T. o.	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
																													8408-033 Pg. 2 of 2
3	66000N – 79800E	280	0.6	4.92	7	443	0.5	5	1.84	0.6	43	34	24	255	6.51	0.80	11	14	2.07	1329	1	0.08	23	0.13	15	127	0.25	176	149
9	66200N – 78800E	65	0.2	5.05	6	248	0.4	5	1.79	0.5	43	30	24	406	5.59	0.53	12	12	1.41	930	1	0.09	26	0.11	2	109	0.21	153	98
0	78850	20	0.6	4.96	3	193	0.4	5	1.54	0.5	42	18	28	549	4.93	0.46	13	14	1.33	606	1	0.09	22	0.16	22	99	0.22	143	93
1	78900	15	0.4	5.34	2	204	0.5	5	1.14	0.4	39	23	32	197	6.46	0.48	12	14	1.32	650	2	0.08	21	0.21	7	81	0.29	157	97
2	66200N –78950E	15	0.2	5.56	2	259	0.4	5	1.80	0.3	43	36	25	315	5.52	0.58	12	15	1.53	1391	1	0.09	24	0.13	2	113	0.24	164	103
3	66200N –79000E	30	0.4	5.17	2	259	0.5	5	1.73	0.3	42	24	20	245	5.54	0.59	11	14	1.41	825	1	0.09	20	0.08	2	113	0.23	155	86
4	79050	25	0.2	4.89	2	322	0.3	5	1.49	0.2	38	12	20	113	5.19	0.62	10	12	1.42	617	1	0.08	16	0.15	4	108	0.27	163	90
5	79100	55	0.4	5.56	2	297	0.5	5	1.41	0.4	39	44	21	254	7.81	0.72	11	12	1.22	2214	1	0.08	22	0.12	35	93	0.19	161	141
6	79150	50	0.2	5.00	2	252	0.4	5	1.95	0.4	44	21	32	134	6.42	0.57	11	13	1.47	901	1	0.09	19	0.13	16	131	0.27	180	101
7	66200N –79200E	190	0.8	4.38	2	227	0.3	5	1.63	0.4	42	11	18	56	5.14	0.41	11	10	0.99	621	87	0.05	10	0.13	32	115	0.25	147	78
8	66200N –79250E	50	0.4	4.92	2	170	0.4	5	0.97	0.2	35	12	20	92	5.41	0.34	10	9	0.96	639	2	0.05	11	0.18	4	65	0.26	117	94
1	79300	30	0.2	4.82	2	286	0.4	5	1.47	0.3	42	12	23	90	4.95	0.51	11	12	1.33	730	2	0.06	14	0.16	13	107	0.29	150	106
2	79350	15	0.2	4.80	9	784	0.3	5	1.41	0.4	38	9	7	32	4.77	0.71	9	12	1.89	1495	1	0.04	8	0.11	13	97	0.34	162	164
3	79400	290	0.4	4.74	3	303	0.7	5	1.48	0.3	56	19	28	148	5.52	0.61	16	13	1.29	847	1	0.09	19	0.13	21	110	0.24	141	127
4	66200N –79450E	25	0.4	4.78	2	282	0.3	5	1.67	0.4	44	13	22	70	5.03	0.44	12	10	1.14	676	1	0.06	13	0.14	12	131	0.32	176	89
5	66200N –79500E	90	0.4	4.73	2	255	0.3	5	1.55	0.3	43	14	26	71	5.19	0.41	11	10	1.21	893	2	0.06	13	0.16	16	105	0.29	151	116
6	79550	120	0.6	6.99	2	713	0.6	5	0.98	0.9	36	26	17	153	6.89	1.26	13	19	1.89	1956	6	0.11	20	0.18	93	86	0.25	190	466
7	79600	120	0.6	5.15	2	234	0.4	5	1.67	0.4	42	18	25	116	5.74	0.48	10	11	1.27	716	1	0.07	15	0.14	13	109	0.23	148	104
8	79650	50	0.4	5.39	3	373	0.5	5	1.37	0.7	45	26	18	218	5.72	0.75	12	15	1.52	1270	2	0.08	19	0.15	24	102	0.23	158	213
9	66200N –79700E	50	0.8	6.37	2	607	0.5	5	0.81	0.5	33	15	16	126	5.67	1.18	10	15	1.55	1301	3	0.09	15	0.18	42	81	0.23	174	195
0	66200N –79750E	100	0.6	4.59	2	311	0.4	5	1.58	0.6	45	23	42	176	5.56	0.67	11	14	1.40	1096	1	0.08	25	0.14	16	118	0.22	160	119
1	66200N – 79800E	45	0.2	4.44	2	209	0.4	5	0.96	0.3	35	8	21	80	6.34	0.35	10	8	0.91	543	2	0.04	9	0.21	61	70	0.25	126	99

APPENDIX IV

STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED
STATEMENT OF COSTS

PROJECT: CROYDON DATE: SEPTEMBER 1994

TYPE OF REPORT: GEOLOGICAL/GEOCHEMICAL

a) Wages:

No. of Mandays :	45 mandays	
Rate per Manday:	$140.67/manday	
Dates From :	June 14 to July 8, 1994	
Total Wages :	45 mandays x $140.67/manday	$6,330.00

b) Food & Accommodations:

No. of Mandays :	45 mandays	
Rate per Manday:	$37.44/manday	
Dates From :	June 14 to July 8, 1994	
Total Costs :	45 mandays x $37.44/manday	$1,684.80

c) Transportation:

No. of Mandays :	45 mandays	
Rate per Manday:	$47.09 manday	
Dates From :	June 14 to July 8, 1994	
Total Costs :	45 mandays x $47.09/manday	$2,119.00

d) Instrument Rental:

Type of Instrument:
No. of Mandays :
Rate per Manday:
Dates From :
Total Costs :

Type of Instrument:
No. of Mandays :
Rate per Manday:
Dates From :
Total Costs :

e) Analysis: $5,746.20
(See attached schedule)

f) Cost of Preparation of Report:

Author :	$520.00
Drafting:	$220.00
Typing :	$180.00

g) Other:

Contractor:	Pacific Western Helicopters	
	9.8 hours @ $702.00/hour	$6,857.00

TOTAL COST **$23,657.00**

h) Unit Costs for Geology:

No. of Mandays	:	14 mandays	
No. of Units	:	14 mandays	
Unit Costs	:	$398.02/manday	
Total Cost	:	14 mandays x $398.02/manday	$5,572.20

i) Unit Costs for Geochemistry:

No. of Mandays	:	11 mandays	
No. of Units	:	409 samples	
Unit Costs	:	$24.75/sample	
Total Cost	:	409 samples x $24.75/sample	$10,124.40

j) Unit Costs for Linecutting:

No. of Mandays:		20 mandays	
No. of Units	:	26.9 line km	
Unit Costs	:	$295.92/mandays	
Total Costs	:	26.9 line km x $295.92/manday	$7,960.36

GRAND TOTAL **23,657.00**

NORANDA EXPLORATION COMPANY, LIMITED

DETAILS OF ANALYSIS COSTS

PROJECT: CROYDON

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL COSTS
ICP (30 Element) + Geochem Au	85 Rocks	$15.00	$1,275.00
ICP (30 Element) + Geochem Au	324 Soils	$13.80	$4,471.30
		GRAND TOTAL	**$5,746.20**

APPENDIX V

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, D. Graham Gill of the City of Vancouver, Province of British Columbia, hereby certify that:

I am a geologist residing at 5442 - 7th Avenue, Delta, B.C.

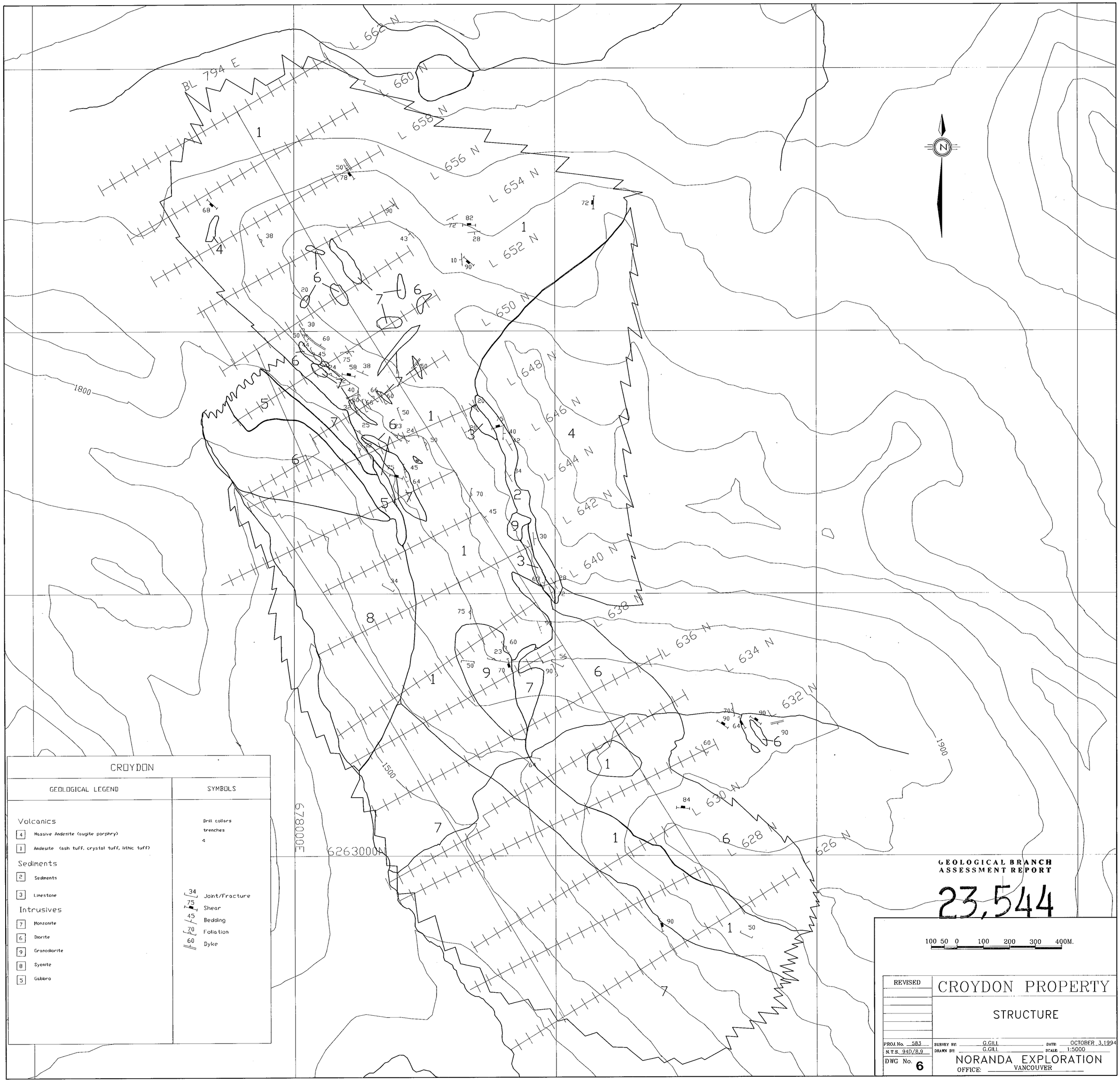
I have graduated from the University of British Columbia in 1983 with a BSc in geology.

I have worked in mineral exploration since 1979.

I have been a temporary employee with Noranda Exploration Company, Limited since May, 1983 and a permanent employee since November 1987.

I am a member in good standing of the Professional Engineers & Geoscientists of British Columbia.

D. Graham Gill, P.Geo.



CROYDON

GEOLOGICAL LEGEND	SYMBOLS
Volcanics	Drill collars
4 Massive Andesite (augite porphyry)	trenches
1 Andesite (ash tuff, crystal tuff, lithic tuff)	4
Sediments	
2 Sediments	
3 Limestone	34 Joint/Fracture
Intrusives	75 Shear
7 Monzonite	45 Bedding
6 Diorite	70 Foliation
9 Granodiorite	60 Dyke
8 Syenite	
5 Gabbro	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,544

100 50 0 100 200 300 400M.

REVISED	CROYDON PROPERTY
	STRUCTURE
PROJ. No. 583	SURVEY BY: G.GILL DATE: OCTOBER 3,1994
N.T.S. 94D/8,9	DRAWN BY: G.GILL SCALE: 1:5000
DWG No. 6	NORANDA EXPLORATION
	OFFICE: VANCOUVER

Gossan

Sericite

BL 794 E

L 662 N
L 660 N
L 658 N
L 656 N
L 654 N
L 652 N
L 650 N
L 648 N
L 646 N
L 644 N
L 642 N
L 640 N
L 638 N
L 636 N
L 634 N
L 632 N
L 630 N
L 628 N
L 626 N

1800
1900
1500

678000E
6263000N

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,544

100 50 0 100 200 300 400M.

CROYDON

GEOLOGICAL LEGEND

Volcanics

- 4 Massive Andesite (augite porphry)
- 1 Andesite (ash tuff, crystal tuff, lithic tuff)

Sediments

- 2 Sediments
- 3 Limestone

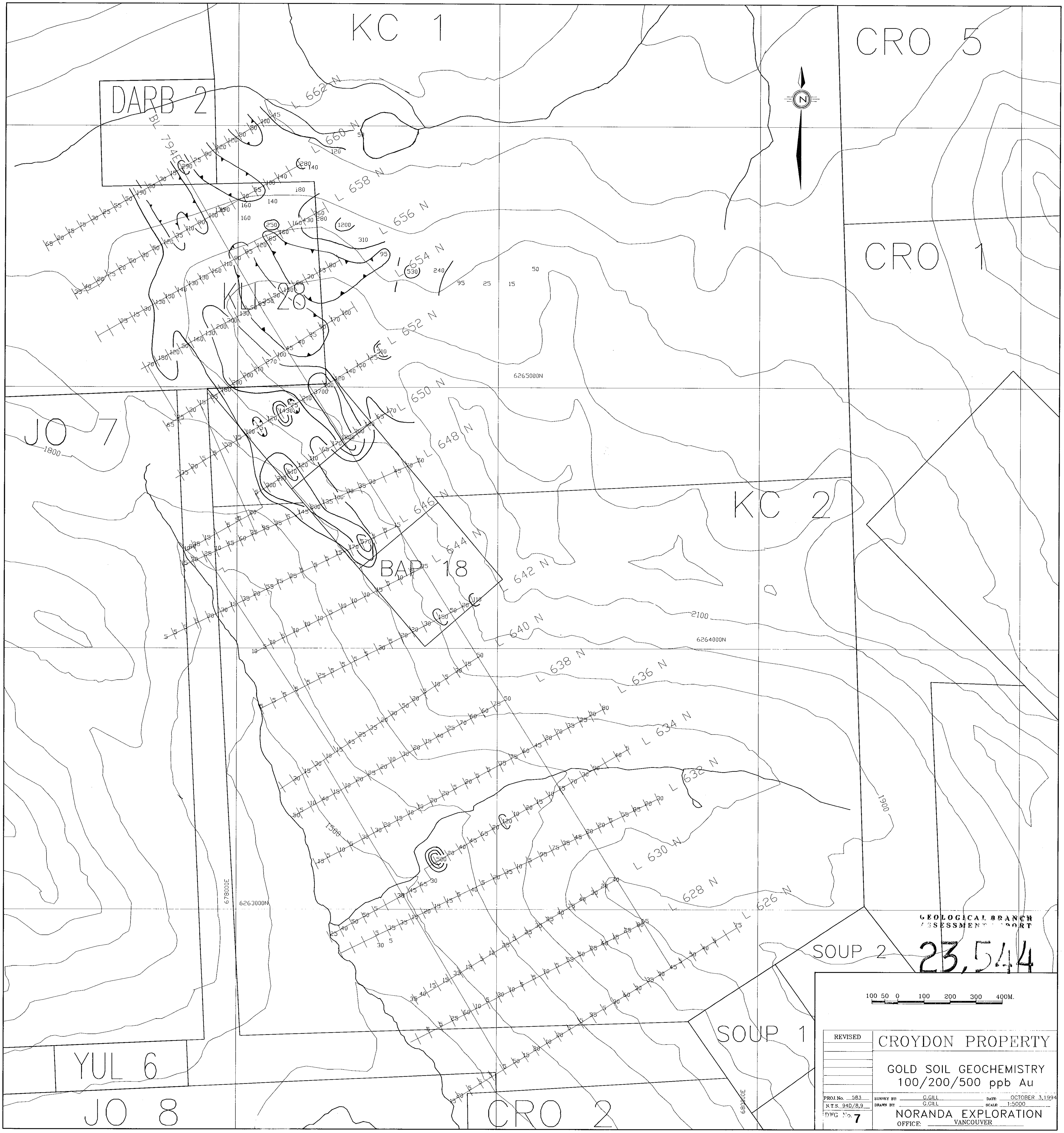
Intrusives

- 7 Monzonite
- 6 Diorite
- 9 Granodiorite
- 8 Syenite
- 5 Gabbro

Drill collars
trenches
4

× Sample Site
GG0122 Sample Number
1900 Au(ppb) Value

REVISED	CROYDON PROPERTY
	ROCK SAMPLE LOCATION & ALTERATION
PROJ.No. 583	SURVEY BY: G.GILL DATE: OCTOBER 3,1994
N.T.S. 94D/8,9	DRAWN BY: G.GILL SCALE: 1:5000
DWG No. 5	NORANDA EXPLORATION OFFICE: VANCOUVER


KC 1
CRO 5
DARB 2
CRO 1
KU 28
JO 7
KC 2
BAP 18
YUL 6
JO 8
CRO 2
SOUP 2
SOUP 1
BL 794E
L 662 N
L 660 N
L 658 N
L 656 N
L 654 N
L 652 N
L 650 N
L 648 N
L 646 N
L 644 N
L 642 N
L 640 N
L 638 N
L 636 N
L 634 N
L 632 N
L 630 N
L 628 N
L 626 N
6265000N
6264000N
6263000N
678000E
680000E
1800
2100
1900
1500
N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
23,544
100 50 0 100 200 300 400M.
REVISED
CROYDON PROPERTY
GOLD SOIL GEOCHEMISTRY
100/200/500 ppb Au
PROJ.No. 583
N.T.S. 94D/8,9
DWG No. 7
SURVEY BY: G.GILL
DRAWN BY: G.GILL
DATE: OCTOBER 3,1994
SCALE: 1:5000
NORANDA EXPLORATION
OFFICE: VANCOUVER

BL 794 E

L 660 N

L 658 N

L 656 N

L 654 N

L 652 N

L 650 N

L 648 N

L 646 N

L 644 N

L 642 N

L 640 N

L 638 N

L 636 N

L 634 N

L 632 N

L 630 N

L 628 N

L 626 N

1800

1900

1500

678000E

6263000N

CROYDON

GEOLOGICAL LEGEND

Volcanics

- 4 Massive Andesite (augite porphyry)
- 1 Andesite (ash tuff, crystal tuff, lithic tuff)

Sediments

- 2 Sediments
- 3 Limestone

Intrusives

- 7 Monzonite
- 6 Diorite
- 9 Granodiorite
- 8 Syenite
- 5 Gabbro

Drill collars
trenches
4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,544

100 50 0 100 200 300 400M.

REVISED	CROYDON PROPERTY
	GEOLOGY
PROJ.No. 583	SURVEY BY: G.GILL DATE: OCTOBER 3,1994
N.T.S. 94D/8,9	DRAWN BY: G.GILL SCALE: 1:5000
DWG No. 4	NORANDA EXPLORATION OFFICE: VANCOUVER