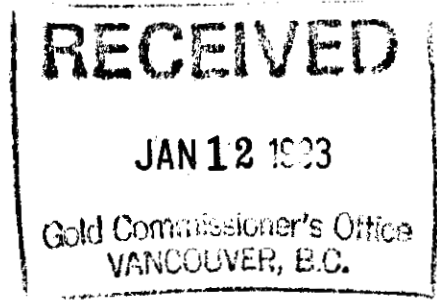


LOG NO:	JAN 15 1993	RD.
ACTION:		
FILE NO:		



GEOCHEMICAL REPORT  
ON THE  
NUM GROUP OF CLAIMS  
CLINTON MINING DIVISION  
LATITUDE 51° 22.5' N      LONGITUDE 123° 39' W

D.G. GILL (PROJECT GEOLOGIST)  
NORANDA EXPLORATION CO., LTD.  
JANUARY, 1993

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,740**

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## 1.0 INTRODUCTION

Noranda Exploration Company, Limited (no personal liability) optioned the Num property from Mervin Boe of Burnaby, B.C. on January 2, 1992 and completed a programme of detailed soil sampling which forms the basis of this report.

### 1.1 Location and Access

The Num property is located 230 kms north of Vancouver and 135 kms WSW of Williams Lake, B.C. The property is accessed via the Elkin Creek road from near the eastern end of Konni Lake to the north end of Lower Taseko Lake where a rough cat road provides access to the center of the claims.

### 1.2 Physiography and Topography

The property lies within the Chilcotin Ranges subdivision of the Pacific Ranges mountain belt. The Chilcotin Ranges, flanked to the east by the Fraser Plateau and to the west by the Pacific Ranges is dominantly a non-granitic host containing sporadic intrusives.

Local topography forms that of a south facing horseshoe rising to an elevation of 7900 feet from a plateau base of 4500 feet. The east side of the claims is very steep with frequent cliffs while the southside is more gentle with a fairly constant slope.

### 1.3 Claims

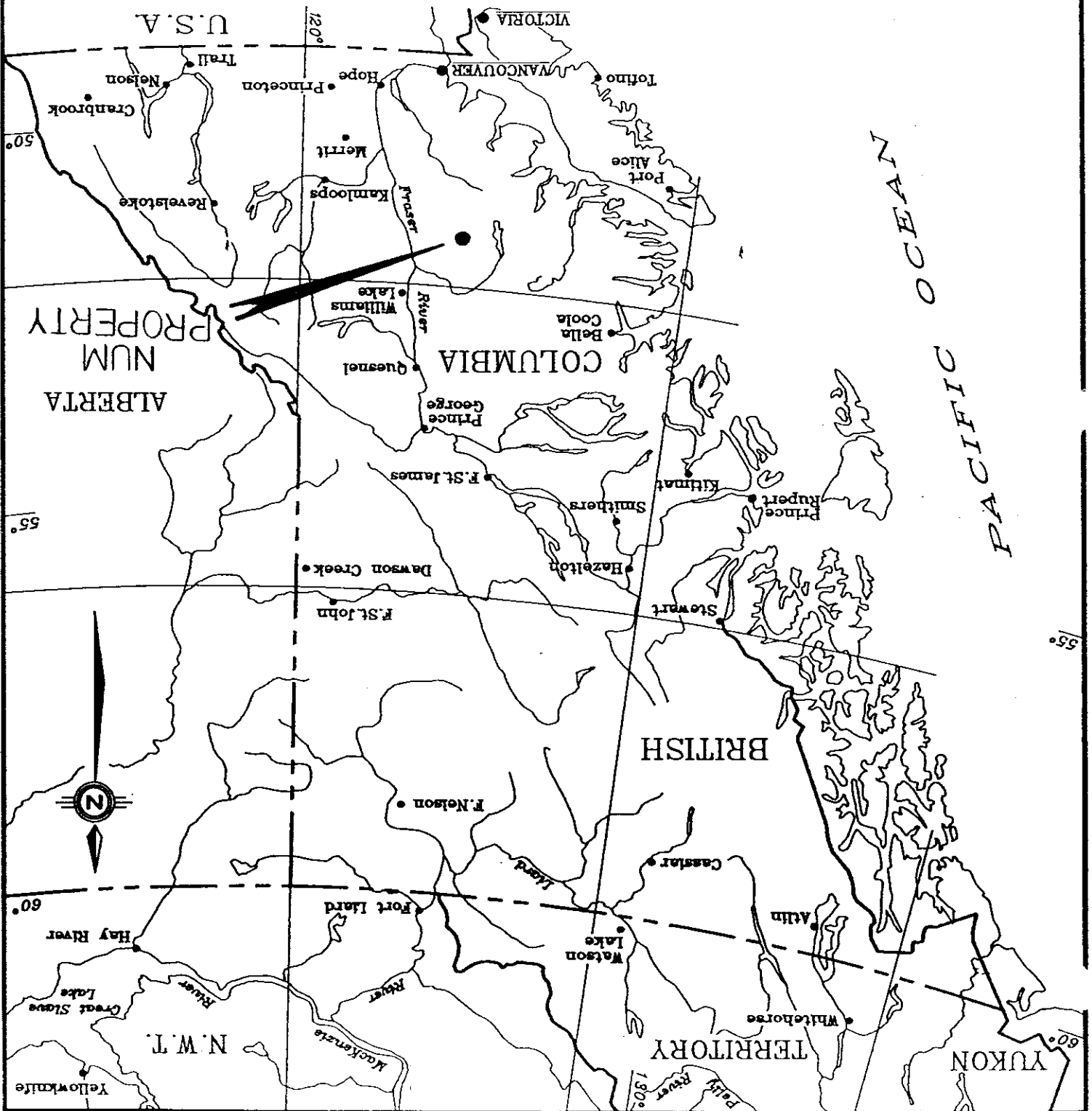
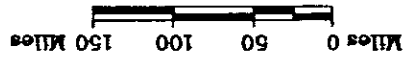
The Num claim group consists of 5 four-post claims totalling 90 units as tabulated below. All claims are situated within the Clinton Mining Division.

<u>NTS</u>	<u>CLAIM NAME</u>	<u>RECORD#</u>	<u>UNITS</u>	<u>RECORD DATE</u>	<u>AREA (ha)</u>	<u>YEAR OF EXPIRY</u>
920/5	Num I	208246	16	01/22/87	400	01/22/98
920/5	Num II	208247	16	01/22/87	400	01/22/98
902/5	Num III	208248	20	01/22/87	500	01/22/98
920/5	Num IV	208296	18	07/13/87	450	07/13/98
920/5	Vic	208070	20	10/14/82	500	10/14/98

### 1.4 History

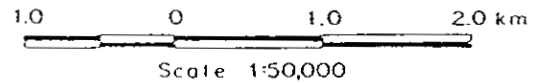
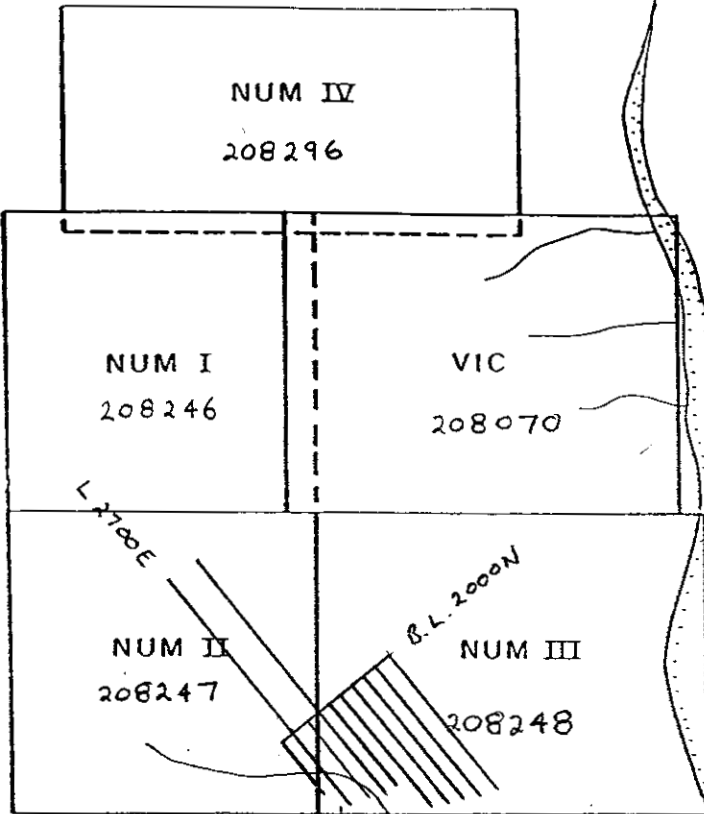
1932 - Claims staked by C.M. Vick after prospecting discovered gold bearing quartz veins on the eastern cliffs.

OFFICE VANCOUVER		DWG. No.
NORANDA EXPLORATION		R.T.A.
DRAWN BY T. SERWIN (ACAD)		PROJ. No.
DATE JUNE 1991		
SURVEY BY		
SCALE		
LOCATION MAP		
		REVISED





123140'



TUZEHA LAKE

REVISED	NUM PROPERTY	
	CLAIM AND GRID LOCATION	
PROJ No	SURVEY BY: <u>KL</u>	DATE: <u>JAN. 1993</u>
N.T.S. <u>920/5</u>	DRAWN BY:	SCALE: <u>1:50,000</u>
DWG. No. <u>2</u>	<b>NORANDA EXPLORATION</b>	
	OFFICE: <u>VANCOUVER</u>	

- 1935 - 1937 2 adits (320' and 126') were driven at 5534' and 5792' respectively on the main quartz vein. Low gold values are reported.
- 1939 - Property purchased by C.E. Cartwright and a ground sluice operation performed on the main vein gulley.
- 1940 - 1973 Dormant
- 1974 - 1976 New claims staked by Nemco Explorations, with funding by New Pyramid Gold Mines. Mapping, sampling, and diamond drilling of 6 holes on the main vein was completed along with the construction of access roads.
- 1977 - 1979 Dormant
- 1980 - 1985 Property (Vic claim) staked by Mervin Boe and optioned to Stryker Resources. Additional drilling on the main vein was completed.
- 1987 - 1988 Kingsvale Resources Ltd. optioned the Vic claim from Stryker Resources and added it to their Num I - IV claims. Work centered on the western slopes and included gridding, soil sampling, mapping, mechanical trenching and new road construction.

## 2.0 GEOCHEMICAL SURVEY

From August 28 to September 1, 1992 a total of 190 soil samples were collected on the Num group of claims. Samples were collected on a detailed follow-up grid with the aid of a mattock from holes dug to approximately 30 cms deep. 'B' horizon material was placed in Kraft bags and shipped to Noranda's geochemical laboratory in Vancouver, B.C. for 28 element ICP analysis. Results for Cu and Au are plotted on Figures 3 and 4 while certificates of analyses may be found in Appendix II.

## 3.0 DISCUSSION OF RESULTS

The geochemical survey was conducted mainly to the south of an existing geochemical survey grid in order to delineate the extent of open-ended copper and gold soil anomalies detected previously.

Copper values from the 1992 survey returned only several spot highs of over 80ppm while two main anomalous gold geochemical zones (>50ppb) were detected. The first of these zones is centered on Line 3000E, 1850N and strikes ENE-WSW for approximately 500 metres. The second zone measures approximately 250m x 100m and is centered on Line 3000E, 1650N. Several smaller, spot high gold anomalies also occur in a east-west trend zone which incorporates the second main anomaly.

Only spot high Au values were returned from the northern portions of lines 2700E and 2000E while the copper values in this vicinity were low.

#### 4.0 CONCLUSIONS

The 1992 geochemical survey conducted on the Num property has revealed the existence of a 900 x 250 m gold soil anomaly which trends east-west and is comprised of two main zones and several scattered spot high gold values. No copper values of any significance were detected in this area.

A small prospecting/mapping programme is warranted to determine the source of the gold anomaly which may be the result of shearing or a linear intrusive body.

#### SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The property is underlain by Upper Cretaceous Kingsvale Group andesites, dacites & basaltic pyroclastics which strike NW-SE and dip to the west NE-SW and north trending diorite + feldspar (quartz) porphyry dykes cut all stratigraphy. The property is also situated 5 kms to the SW of the NW-SE trending Taseko Fault. Copper (gold) mineralization is found disseminated in volcanics & within quartz, calcite veins + shear zones.

#### REFERENCES TO PREVIOUS WORK



## REFERENCES

- 1935 - B.C. Minister of Mines Annual Report, pgs. F26-28
- 1974 - Progress Report on the Vic Gold Property for Nemco Explorations. Private report by L.J. Manning & Associates dated November 28, 1974.
- 1976 - Exploration Report on the Vic Claim Group for Cop-Ex Mining Corp. Private report by R.D. Westervelt, P.Eng., dated July 23, 1976.
- 1977 - Summary Report on the Vic Gold Holdings for Gilford Mines Ltd. Private report by G. Von Rosen, P.Eng., dated November 24, 1977.
- 1980 - Summary Report on the "Vic" Gold Property for Stryker Resources. Private report by G. Von Rosen, P.Eng., dated December 3, 1980.
- 1983 - Engineering Report on the Vic Gold Property by M.K. Lorimer, P.Eng., June 10, 1983.
- 1984 - Summary Report on the Vic Gold Property for Sunmark Mines Ltd. Private report by G. Von Rosen, P.Eng., dated May 25, 1984.
- 1984 - Assessment Report on the Underground Diamond Drilling on the Vic Claim. Prepared by G. Von Rosen, P.Eng., dated June 7, 1984.
- 1984 - Assessment Report on Airphoto Fracture Density Analyses on the Vic mineral claim. Prepared by G. Von Rosen, P.Eng., dated December 12, 1984.
- 1986 - Geophysical Report on the Vic Mineral Claim for Stryker Resources by D.A. Perkins. Date uncertain - probably January, 1986.
- 1988 - Geological and Geochemical Report on the Vic Property, C.A. Hrkac.

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  
GEOCHEMICAL RESULTS

# NORANDA VANCOUVER LABORATORY

## Geochemical Analysis

Project Name & No.: NUM - 165

Geol.: K.L.

Date received: SEP. 15

LAB CODE: 9209-021

Material: 190 Soils

Sheet: 1 of 5

Date completed: OCT. 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<sub>4</sub>/HNO<sub>3</sub> (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
3	2600E-2050S 1950N	30	0.2	3.44	2	140	0.3	5	1.19	0.2	30	9	32	36	3.11	0.30	12	17	0.68	481	1	0.08	15	0.06	2	125	0.23	103	99
4	2100 1900N	65	0.2	3.42	2	119	0.3	5	1.10	0.2	31	10	28	27	3.20	0.23	12	22	0.67	658	1	0.09	15	0.05	2	117	0.25	102	113
5	2150 1850N	35	0.2	3.46	2	115	0.4	5	0.90	0.2	30	11	29	22	3.08	0.21	12	14	0.62	313	1	0.08	19	0.05	2	99	0.27	108	145
6	2200 1800N	30	0.2	3.91	2	211	0.6	5	1.41	0.4	40	14	28	117	3.51	0.23	20	39	0.91	652	1	0.09	30	0.09	2	237	0.24	98	146
7	2600E-2250S 1750N	5	0.2	2.55	2	118	0.3	5	1.15	0.2	29	10	29	24	2.64	0.18	10	21	0.52	409	1	0.09	15	0.03	2	179	0.25	90	79
8	2600E-2300S 1700N	10	0.2	3.13	2	164	0.3	5	0.84	0.2	30	10	32	21	3.14	0.26	12	17	0.66	582	1	0.08	17	0.06	2	105	0.25	112	110
9	2350 1650N	5	0.2	3.18	3	165	0.4	5	0.80	0.2	31	11	33	24	3.31	0.18	12	13	0.66	759	1	0.08	19	0.08	2	81	0.26	118	102
10	2600E-2400S 1600N	5	0.2	3.08	2	148	0.4	5	0.82	0.2	35	11	41	33	3.45	0.39	14	13	0.66	701	1	0.08	19	0.07	2	70	0.26	124	91
11	2700E-1950S 3325N	10	0.2	3.99	2	201	0.6	5	0.75	0.2	28	13	30	31	3.68	0.34	14	21	0.75	469	1	0.08	12	0.12	3	65	0.21	129	126
12	2700E-200S 3300N	30	0.2	4.07	2	219	0.4	5	0.81	0.2	26	11	31	32	3.72	0.36	13	21	0.68	516	1	0.07	12	0.13	3	62	0.23	139	104
13	2700E-2250S 3275N	5	0.2	3.81	2	270	0.4	5	1.14	0.2	33	13	28	33	3.48	0.33	15	19	0.63	1218	1	0.08	13	0.16	3	89	0.24	123	136
14	250 3250N	5	0.2	4.53	2	241	0.4	5	0.81	0.2	28	13	34	33	4.20	0.39	13	19	0.94	580	1	0.08	19	0.09	2	74	0.25	146	93
15	275 3225N	50	0.2	4.04	2	249	0.4	5	0.87	0.2	31	13	32	34	3.67	0.37	14	18	0.73	972	1	0.07	16	0.17	4	75	0.25	124	122
16	500 3200N	30	0.2	3.82	2	251	0.4	5	0.89	0.2	32	11	34	33	3.57	0.38	15	19	0.71	481	1	0.08	16	0.19	3	75	0.26	122	99
17	2700E-925S 3175N	50	0.2	3.90	2	304	0.4	5	1.10	0.2	36	11	41	30	3.22	0.39	16	19	0.65	867	1	0.09	14	0.12	4	91	0.25	119	86
18	2700E-950S 3150N	35	0.2	4.81	2	267	0.5	5	0.69	0.2	40	13	28	32	4.01	0.52	17	19	0.94	790	1	0.09	14	0.14	3	66	0.24	133	97
19	295 3125N	10	0.2	4.80	2	267	0.6	5	0.80	0.2	60	13	32	37	4.10	0.56	21	18	0.95	850	1	0.08	17	0.11	2	78	0.26	132	87
20	400 3100N	25	0.2	5.08	2	227	0.5	5	0.73	0.2	37	15	37	35	4.04	0.49	17	22	0.99	874	1	0.09	23	0.14	2	68	0.28	135	111
21	425 3075N	35	0.2	4.23	3	202	0.6	5	0.68	0.3	37	13	29	31	3.62	0.41	16	18	0.84	827	1	0.07	15	0.12	3	63	0.22	122	94
22	2700E-450S 3050N	10	0.2	3.91	2	217	0.4	5	0.75	0.2	33	11	28	23	3.33	0.41	14	17	0.74	734	1	0.07	13	0.16	2	62	0.23	115	92
23	2700E-475S 3025N	25	0.2	4.04	2	207	0.4	5	0.69	0.2	34	12	28	23	3.45	0.38	15	18	0.73	661	1	0.08	16	0.11	2	60	0.24	117	93
24	500 3000N	20	0.2	4.25	2	195	0.4	5	0.84	0.2	33	12	32	25	3.56	0.38	14	20	0.72	747	1	0.08	16	0.19	2	75	0.25	120	113
25	2050 1950N	25	0.2	2.44	2	116	0.3	5	0.65	0.2	26	9	29	19	2.51	0.32	10	11	0.46	585	1	0.10	9	0.08	2	55	0.22	86	92
26	2100 1900N	45	0.2	3.31	2	143	0.3	5	0.90	0.2	35	11	33	23	3.30	0.28	12	14	0.64	730	1	0.09	16	0.06	2	72	0.26	114	112
27	2700E-2150S 1850N	5	0.2	2.91	3	130	0.3	5	0.77	0.2	29	10	27	17	2.90	0.27	10	13	0.59	561	1	0.08	11	0.07	2	64	0.25	100	91
28	2700E-2200S 1800N	5	0.2	2.87	2	102	0.3	5	0.89	0.2	33	10	35	19	3.15	0.21	12	14	0.63	492	1	0.09	14	0.06	2	73	0.28	111	81
29	2250 1750N	5	0.2	3.49	4	134	0.3	5	0.85	0.2	36	11	34	28	3.35	0.23	14	15	0.70	612	1	0.08	16	0.06	2	78	0.26	118	89
30	2500 1700N	5	0.2	3.17	2	99	0.3	5	0.91	0.2	33	10	30	21	3.25	0.21	12	14	0.60	333	1	0.09	14	0.05	2	74	0.25	112	76
31	2050 1650N	5	0.2	2.67	2	134	0.5	5	1.05	0.2	27	10	29	31	2.71	0.20	13	12	0.48	826	1	0.07	13	0.06	2	93	0.23	95	81
32	2700E-2400S 1600N	5	0.2	2.91	2	136	0.4	5	0.85	0.2	27	10	30	23	3.11	0.26	12	12	0.59	756	1	0.06	16	0.12	2	68	0.25	108	102
33	2700E-2450S 1550N	5	0.2	2.83	2	113	0.3	5	0.75	0.2	22	9	27	23	2.96	0.19	11	11	0.56	449	1	0.07	15	0.06	2	60	0.25	101	93
34	2500 1500N	5	0.2	3.79	2	170	0.4	5	1.21	0.2	32	11	27	43	3.58	0.35	14	26	0.79	822	1	0.08	15	0.08	2	110	0.23	120	119
35	2550 1450N	5	0.2	3.90	2	175	0.4	5	0.79	0.2	22	11	26	27	3.45	0.30	11	15	0.79	372	1	0.08	15	0.10	2	90	0.24	121	151
36	2700E-2600S 1400N	5	0.2	3.35	2	192	0.4	5	1.15	0.3	34	13	32	41	3.91	0.33	15	15	0.75	714	1	0.08	16	0.29	2	163	0.27	136	191
37	2800E-2050S 1950N	60	0.2	5.74	2	480	0.6	5	0.82	0.2	39	16	5	48	4.56	1.03	19	17	1.13	1106	1	0.09	5	0.16	3	71	0.13	146	123

03/10 G.P

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	9209-021 Pg. 2 of 5
38	2800E-2100S 1900N	50	0.2	4.21	2	456	0.5	5	1.09	0.2	36	13	17	43	3.63	0.59	15	15	0.88	1384	1	0.07	10	0.14	5	75	0.18	125	207	
39	2150 1850N	15	0.2	3.45	2	211	0.4	5	0.87	0.2	30	11	36	25	3.41	0.37	13	14	0.73	872	1	0.08	19	0.09	4	60	0.25	119	135	
40	2200 1800N	65	0.2	3.38	2	296	0.4	5	0.78	0.3	30	12	23	27	2.92	0.46	12	14	0.65	1866	1	0.07	12	0.12	6	58	0.19	97	263	
41	2250 1750N	5	0.2	3.18	2	192	0.5	5	0.99	0.4	34	12	26	32	2.95	0.44	13	14	0.59	1553	1	0.07	13	0.11	4	76	0.18	101	151	
42	2800E-2200S 1700N	5	0.2	3.15	2	144	0.4	5	0.76	0.2	29	11	33	24	3.21	0.29	12	13	0.59	768	1	0.07	16	0.10	3	57	0.24	108	98	
43	2800E-2250S 1650N	5	0.2	3.51	2	196	0.4	5	0.83	0.2	37	12	33	41	3.61	0.30	14	14	0.72	959	1	0.07	19	0.21	4	60	0.26	121	157	
44	2400 1600N	5	0.2	2.59	2	95	0.3	5	0.79	0.2	27	9	34	17	3.02	0.26	11	12	0.56	455	1	0.09	12	0.05	2	65	0.27	109	69	
45	2450 1550N	45	0.2	2.97	2	104	0.3	5	1.04	0.2	35	9	26	19	3.03	0.16	12	15	0.52	728	1	0.09	14	0.09	2	81	0.24	96	87	
46	2500 1500N	45	0.2	3.13	2	133	0.3	5	1.34	0.2	32	9	22	31	3.10	0.27	11	25	0.60	841	1	0.09	12	0.07	2	103	0.22	96	118	
47	2800E-2550S 1450N	15	0.2	4.02	2	231	0.4	5	0.80	0.2	31	12	23	31	3.38	0.36	13	15	0.71	653	1	0.07	15	0.24	3	72	0.22	110	235	
48	2800E-2600S 1400N	120	0.2	3.27	4	183	0.4	5	1.17	0.2	37	14	27	53	4.32	0.42	15	17	0.95	803	1	0.08	18	0.14	3	141	0.26	156	141	
51	2900E-200S 3200N	10	0.2	3.70	2	187	0.5	5	0.65	0.2	31	8	35	26	3.06	0.31	14	19	0.50	308	1	0.09	10	0.12	4	64	0.24	117	75	
52	225 3275N	10	0.2	3.79	2	177	0.4	5	0.76	0.2	29	9	31	22	3.46	0.30	13	18	0.61	381	1	0.08	10	0.14	3	66	0.24	120	80	
53	250 3250N	5	0.2	3.98	2	193	0.4	5	0.79	0.2	30	9	23	26	3.81	0.34	13	18	0.70	427	1	0.08	10	0.17	3	67	0.23	122	85	
54	2900E-275S 3215N	50	0.2	4.13	2	224	0.4	5	0.61	0.2	31	10	24	26	3.66	0.40	14	18	0.71	612	1	0.08	12	0.23	4	61	0.22	116	86	
55	2900E-300S 3200N	20	0.2	3.90	2	226	0.3	5	0.87	0.2	29	8	21	18	3.79	0.37	13	18	0.65	457	1	0.08	8	0.13	2	74	0.22	124	73	
56	225 3175N	40	0.2	3.99	2	224	0.3	5	0.83	0.2	30	8	26	18	3.32	0.39	13	19	0.59	437	1	0.09	10	0.15	2	72	0.23	116	85	
57	950 3150N	35	0.2	4.16	2	237	0.4	5	0.91	0.2	31	9	27	22	3.56	0.41	14	20	0.65	585	1	0.09	15	0.19	4	76	0.23	120	80	
58	375 3125N	35	0.2	3.95	2	209	0.4	5	0.76	0.2	29	8	24	19	3.60	0.32	13	19	0.59	452	1	0.10	11	0.15	2	68	0.23	119	86	
59	2900E-400S 3100N	50	0.2	4.25	2	192	0.4	5	0.67	0.2	27	9	30	20	3.51	0.32	14	22	0.63	425	1	0.09	14	0.11	2	67	0.23	124	76	
60	2900E-425S 3075N	40	0.2	4.50	2	233	0.4	5	0.67	0.2	27	10	25	23	3.99	0.46	14	21	0.76	557	1	0.09	12	0.15	3	63	0.23	129	94	
61	450 3050N	45	0.2	4.42	2	239	0.6	5	0.61	0.2	27	11	27	26	3.66	0.47	13	21	0.72	601	1	0.08	15	0.16	2	57	0.19	117	91	
62	475 3025N	10	0.2	4.06	2	242	0.5	5	0.76	0.2	36	9	23	23	3.35	0.36	17	17	0.57	968	1	0.09	10	0.12	2	67	0.20	112	82	
63	500 3000N	55	0.2	4.39	2	165	0.4	5	0.53	0.2	26	9	32	24	3.29	0.33	13	20	0.59	744	1	0.08	15	0.24	2	56	0.24	106	99	
64	2900E-2100S 1900N	70	0.2	5.19	2	319	0.5	5	0.77	0.2	39	14	10	50	4.54	0.79	18	15	1.37	897	1	0.10	9	0.14	3	70	0.19	150	145	
65	2900E-2150S 1850N	45	0.2	4.74	2	360	0.4	5	1.03	0.2	38	13	13	38	4.00	0.42	15	15	1.00	1231	1	0.07	9	0.21	2	73	0.20	127	184	
66	2200 1800N	15	0.2	4.27	2	326	0.4	5	0.84	0.2	31	12	18	31	3.69	0.46	12	15	0.88	958	1	0.08	12	0.15	2	62	0.22	120	228	
67	2250 1750N	10	0.2	3.60	2	256	0.4	5	0.72	0.2	32	11	27	34	3.28	0.31	13	12	0.67	1243	1	0.07	16	0.16	2	54	0.23	108	190	
68	2300 1700N	25	0.2	2.45	2	102	0.3	5	0.83	0.2	30	9	27	21	2.87	0.25	11	11	0.50	658	1	0.08	12	0.05	2	59	0.25	100	72	
69	2900E-2250S 1650N	55	0.2	3.12	2	112	0.3	5	0.71	0.2	28	9	23	21	3.12	0.27	11	15	0.64	402	1	0.07	12	0.07	2	57	0.22	108	97	
70	2900E-2400S 1600N	25	0.2	2.83	2	113	0.3	5	1.05	0.2	32	9	25	32	2.82	0.22	12	22	0.60	954	1	0.07	13	0.05	2	77	0.22	96	93	
71	2450 1550N	20	0.2	3.74	2	151	0.6	5	1.21	0.3	42	13	33	37	3.28	0.20	16	25	0.60	882	1	0.08	18	0.10	2	94	0.24	104	148	
72	2500 1500N	15	0.2	3.24	2	163	0.4	5	0.89	0.2	27	10	33	27	3.34	0.25	11	12	0.66	746	1	0.07	16	0.10	2	67	0.26	115	135	
73	2550 1450N	20	0.2	2.84	2	167	0.3	5	0.98	0.2	32	9	31	30	3.06	0.18	11	10	0.55	841	1	0.07	14	0.08	2	73	0.26	110	97	
74	2900E-2600S 1400N	15	0.2	4.13	2	191	0.4	5	0.95	0.2	35	13	26	39	3.52	0.37	14	18	0.88	749	1	0.08	16	0.10	2	96	0.26	114	208	
75	2900E-2650S 1350N	20	0.2	3.83	2	213	0.4	5	0.96	0.2	36	13	28	40	3.94	0.34	14	13	0.90	970	1	0.09	18	0.16	3	85	0.27	134	167	
76	2900E-2700S 1300N	60	0.2	3.81	2	211	0.4	5	0.78	0.2	32	12	28	40	3.92	0.25	13	16	0.77	730	1	0.09	17	0.14	2	58	0.28	141	168	
77	3000E-2100S 1900N	10	0.2	5.22	2	307	0.5	5	1.01	0.2	44	17	7	53	4.97	0.79	19	15	1.31	1229	1	0.06	6	0.19	2	74	0.20	162	165	
78	2150 1850N	120	0.2	4.88	2	268	0.4	5	1.05	0.2	44	15	9	48	4.64	0.68	19	15	1.29	1030	1	0.06	7	0.19	2	75	0.19	154	130	
79	3000E-2200S 1800N	40	0.2	3.84	2	420	0.4	5	0.66	0.2	33	13	19	26	3.35	0.44	12	15	0.75	2156	1	0.07	10	0.17	2	49	0.18	100	196	
80	3000E-2250S 1750N	70	0.2	3.24	2	255	0.4	5	0.67	0.2	28	11	29	29	3.31	0.44	11	13	0.70	983	1	0.07	15	0.10	2	51	0.22	112	137	
81	2300 1700N	35	0.2	2.96	2	156	0.6	5	0.66	0.2	26	13	35	25	3.02	0.29	12	15	0.64	517	1	0.06	14	0.03	2	70	0.20	105	111	
82	2250 1650N	120	0.2	2.35	2	125	0.3	5	0.92	0.2	25	9	29	26	2.37	0.28	9	11	0.45	728	1	0.06	12	0.03	2	139	0.18	79	92	
83	2400 1600N	65	0.2	2.24	2	81	0.2	5	0.68	0.2	20	7	34	17	2.56	0.16	9	10	0.50	278	1	0.07	12	0.02	2	78	0.21	91	59	
84	3000E-2450S 1550N	25	0.2	2.25	2	95	0.2	5	0.66	0.2	22	8	34	18	2.57	0.20	10	9	0.50	341	1	0.06	12	0.06	2	68	0.22	88	92	

T.T. No.	SAMPLE No.	Au ppm	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	8209-021 Pg. 3 of 5
85	3000E-2500S1500N	30	0.2	2.77	2	136	0.3	5	0.77	0.2	28	9	33	27	3.05	0.23	11	11	0.59	657	1	0.07	16	0.09	2	78	0.24	107	123	
86	26601450N	70	0.2	4.19	2	216	0.5	5	1.33	0.2	40	11	31	34	3.13	0.42	16	34	1.01	496	1	0.08	17	0.06	2	236	0.17	103	90	
87	29001400N	45	0.2	3.17	2	193	0.3	5	0.77	0.2	33	10	33	29	2.73	0.38	12	18	0.71	956	1	0.06	18	0.11	2	122	0.19	93	157	
88	26501350N	20	0.2	2.96	2	221	0.3	5	0.66	0.2	26	10	34	20	2.92	0.31	10	12	0.63	764	1	0.06	17	0.09	2	65	0.21	97	156	
89	3000E-2700S1300N	5	0.2	3.19	2	162	0.4	5	1.10	0.2	37	12	24	37	3.50	0.42	14	18	0.90	507	1	0.09	14	0.09	2	125	0.21	115	81	
90	3100E-2050S1950N	120	0.2	5.33	2	471	0.6	5	1.02	0.2	42	16	14	61	4.04	0.89	18	18	1.22	1114	1	0.09	14	0.17	5	54	0.11	138	134	
91	24001900N	25	0.2	4.91	2	414	0.7	5	0.87	0.2	40	17	15	59	4.09	0.81	19	19	1.15	953	1	0.08	14	0.15	5	51	0.11	137	126	
92	24501850N	5	0.2	4.84	2	436	0.6	5	0.99	0.2	38	15	14	55	3.82	0.82	17	17	1.09	974	1	0.08	13	0.16	2	51	0.10	128	138	
93	22001800N	230	0.2	4.72	2	324	0.5	5	0.90	0.2	39	18	10	50	4.45	0.70	18	20	1.04	1311	1	0.06	9	0.16	2	74	0.11	163	116	
94	3100E-2250S1750N	30	0.2	4.52	2	369	0.5	5	1.48	0.5	43	19	10	62	3.95	0.71	18	19	0.94	1615	1	0.06	10	0.22	2	166	0.11	143	163	
95	3100E-2200S1700N	60	0.2	4.78	2	337	0.5	5	0.74	0.2	38	18	10	48	4.36	0.69	14	20	0.92	1594	1	0.06	8	0.18	2	104	0.12	149	185	
96	22501650N	5	0.2	5.08	2	323	0.5	5	0.89	0.2	43	18	10	49	4.57	0.76	19	21	0.97	1384	1	0.07	9	0.14	2	126	0.12	162	128	
97	24001600N	20	0.2	2.85	2	130	0.3	5	0.75	0.2	29	12	43	26	3.38	0.32	12	13	0.69	772	1	0.08	18	0.08	2	83	0.25	117	159	
98	24501550N	20	0.2	2.62	2	188	0.3	5	1.63	0.4	39	11	30	51	3.09	0.22	14	24	0.61	2300	1	0.08	16	0.07	2	280	0.22	97	105	
101	3100E-2500S1500N	10	0.2	3.62	2	178	0.6	5	0.99	0.2	33	13	27	27	3.00	0.29	13	40	0.80	682	1	0.07	15	0.06	2	178	0.20	96	235	
102	3100E-2550S1450N	25	0.2	3.39	2	152	0.4	5	0.73	0.2	30	12	31	26	3.69	0.44	15	16	0.79	759	1	0.07	16	0.05	2	118	0.19	119	81	
103	26001400N	5	0.2	3.39	2	135	0.4	5	0.57	0.2	20	10	33	20	3.30	0.29	10	15	0.72	435	1	0.07	15	0.07	2	78	0.22	116	129	
104	26501350N	25	0.2	3.26	2	150	0.4	5	1.14	0.2	36	9	31	33	3.17	0.28	13	22	0.71	640	1	0.08	15	0.08	2	191	0.23	92	152	
105	27001300N	10	0.2	2.97	2	119	0.3	5	0.78	0.2	27	8	28	22	2.92	0.17	11	17	0.60	458	1	0.08	13	0.05	2	113	0.21	92	87	
106	3100E-2750S1250N	40	0.2	3.53	2	185	0.4	5	1.20	0.2	38	13	28	49	3.78	0.41	15	14	0.93	841	1	0.09	15	0.14	3	146	0.25	130	108	
107	3100E-2800S1200N	10	0.2	4.30	2	247	0.4	5	0.85	0.2	30	14	34	35	3.89	0.33	13	18	0.86	937	1	0.09	18	0.18	4	73	0.27	133	238	
108	28501150N	5	0.2	3.50	2	216	0.4	5	0.86	0.2	30	11	30	31	3.64	0.25	13	14	0.70	790	1	0.10	16	0.20	3	61	0.25	124	203	
109	29001100N	5	0.2	3.55	2	172	0.4	5	0.98	0.2	27	11	33	39	4.04	0.27	13	13	0.80	760	1	0.08	17	0.16	2	66	0.29	146	165	
110	3100E-2950S1050N	5	0.2	3.55	3	161	0.4	5	0.90	0.2	35	12	35	44	4.03	0.30	14	13	0.84	697	1	0.08	17	0.17	4	70	0.28	145	150	
111	3200E-2050S1950N	5	0.2	4.36	2	592	0.7	5	1.74	0.4	40	19	13	66	3.75	0.63	19	20	0.85	1524	1	0.06	9	0.22	3	94	0.11	134	159	
112	3200E-2400S1900N	5	0.2	2.29	2	606	0.4	5	3.41	0.8	32	14	16	88	2.29	0.27	15	12	0.52	2352	1	0.05	9	0.31	2	129	0.10	71	136	
113	24501850N	20	0.2	5.09	2	451	0.6	5	1.20	0.2	43	19	15	62	4.41	0.59	19	22	0.94	1642	1	0.06	11	0.23	3	82	0.14	156	186	
114	22001800N	90	0.2	4.73	2	382	0.5	5	1.27	0.2	40	18	11	58	4.25	0.65	18	19	0.94	1272	1	0.06	11	0.18	3	83	0.13	156	124	
115	22501750N	60	0.2	5.23	2	389	0.6	5	0.79	0.2	39	21	11	65	4.83	0.75	18	21	0.97	1599	1	0.06	10	0.17	3	72	0.14	171	132	
116	3200E-2200S1700N	5	0.4	5.05	2	422	0.5	5	1.32	0.2	38	20	8	52	4.43	0.73	18	21	1.07	1252	1	0.07	9	0.17	2	95	0.14	167	118	
117	3200E-2350S1650N	5	0.2	0.35	8	74	0.2	5	4.63	0.3	26	3	8	26	0.39	0.06	5	5	0.33	76	5	0.04	6	0.11	2	775	0.03	27	78	
118	24001600N	25	0.2	2.43	2	99	0.3	5	0.80	0.2	35	11	30	19	2.85	0.27	11	13	0.59	600	1	0.08	14	0.04	2	94	0.23	98	86	
119	24501550N	80	0.2	3.16	2	127	0.4	5	1.09	0.2	35	10	32	28	3.03	0.26	15	27	0.73	677	1	0.09	16	0.05	2	150	0.23	92	105	
120	25001500N	20	0.2	3.45	2	232	0.5	5	1.64	0.2	38	12	32	162	3.39	0.26	20	20	0.87	1216	1	0.09	32	0.08	2	301	0.20	96	75	
121	3200E-2650S1450N	20	0.2	2.57	2	100	0.5	5	0.87	0.2	29	11	38	25	3.04	0.21	12	19	0.64	413	1	0.09	14	0.05	2	112	0.24	109	74	
122	3200E-2600S1400N	35	0.2	2.74	2	111	0.3	5	0.73	0.2	23	10	36	17	2.96	0.24	10	11	0.60	549	1	0.08	14	0.04	2	82	0.26	102	75	
123	26501350N	25	0.2	2.97	2	133	0.3	5	0.72	0.2	21	9	23	21	2.94	0.26	9	12	0.62	377	1	0.07	8	0.07	2	87	0.20	99	73	
124	27001300N	15	0.2	3.94	2	242	0.5	5	1.15	0.2	33	14	29	65	3.86	0.44	15	16	0.90	985	1	0.09	24	0.16	2	141	0.23	113	95	
125	27501250N	15	0.2	2.89	2	174	0.3	5	0.86	0.2	30	10	34	30	3.17	0.38	12	10	0.64	659	1	0.08	16	0.09	2	75	0.26	112	105	
126	3200E-2800S1200N	20	0.2	2.89	2	131	0.3	5	0.93	0.2	29	9	31	26	3.09	0.28	12	10	0.61	463	1	0.09	15	0.08	2	85	0.27	104	119	
127	3200E-2850S1150N	15	0.2	3.60	2	231	0.4	5	0.98	0.2	33	13	26	46	3.78	0.32	14	13	0.87	676	1	0.08	15	0.20	5	105	0.25	124	185	
128	29001100N	5	0.2	3.23	2	308	0.4	5	1.05	0.2	34	12	27	49	3.53	0.25	13	12	0.69	991	1	0.08	14	0.18	4	109	0.24	119	232	
129	29501050N	5	0.2	3.09	2	175	0.4	5	0.86	0.2	30	11	35	24	3.61	0.23	12	10	0.67	790	1	0.08	14	0.17	4	65	0.26	122	128	
130	3200E-2900S1000N	5	0.2	3.53	2	198	0.4	5	0.84	0.2	33	11	26	36	3.60	0.28	13	14	0.73	1062	1	0.10	15	0.18	5	58	0.24	122	166	
131	3300E-2950S1950N	50	0.2	4.65	2	492	0.7	5	1.62	0.2	44	18	12	69	4.20	0.67	19	21	0.97	956	1	0.06	10	0.23	3	96	0.13	155	142	



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	9209-021 Pg. 4 of 5
132	3300E-2100S 1400N	25	0.2	4.89	2	431	0.6	5	1.34	0.2	42	20	8	60	4.31	0.71	18	20	0.95	1442	1	0.06	9	0.20	3	98	0.13	158	174	
133	2150 11350	35	0.2	2.99	2	531	0.5	5	2.30	0.5	47	17	15	88	3.04	0.44	21	12	0.71	1713	1	0.06	12	0.21	2	117	0.13	106	233	
134	2200 1800N	30	0.2	3.22	2	221	0.4	5	1.22	0.2	35	12	32	56	3.57	0.55	16	14	0.74	783	1	0.09	23	0.14	2	164	0.25	121	139	
135	2250 1750N	25	0.2	3.08	2	230	0.4	5	1.06	0.2	36	11	35	45	3.40	0.48	15	13	0.66	773	1	0.07	20	0.18	2	139	0.23	111	132	
136	3300E-2200S 1700N	10	0.2	2.54	2	430	0.3	5	0.74	0.2	27	9	25	23	2.57	0.37	11	10	0.56	1179	1	0.07	14	0.18	3	73	0.21	78	202	
137	3300E-2250S 1650N	10	0.2	3.48	2	489	0.4	5	0.86	0.2	36	13	35	39	3.50	0.48	16	16	0.79	1397	1	0.08	22	0.26	4	84	0.24	111	269	
138	2400 1600N	20	0.2	2.56	2	170	0.3	5	0.91	0.3	32	12	28	38	2.76	0.31	12	13	0.58	1200	1	0.08	15	0.07	3	133	0.22	93	168	
139	2450 1550N	15	0.2	2.61	2	139	0.3	5	0.74	0.2	31	11	35	23	3.12	0.35	12	13	0.70	824	1	0.08	16	0.09	2	77	0.25	109	104	
140	2500 1500N	45	0.2	2.73	2	140	0.3	5	0.78	0.2	30	10	37	23	2.94	0.35	12	12	0.69	679	1	0.08	16	0.09	2	78	0.24	103	112	
141	3300E-2600S 1450N	25	0.2	2.51	2	165	0.5	5	0.87	0.2	29	11	28	36	2.54	0.27	12	13	0.53	1164	1	0.06	12	0.09	2	123	0.18	73	80	
142	3300E-2600S 1400N	95	0.2	3.31	2	134	0.4	5	0.96	0.2	30	10	33	35	3.34	0.23	15	26	0.70	474	1	0.09	17	0.05	3	102	0.25	107	94	
143	2650 11350	60	0.2	1.20	8	357	0.2	5	3.84	0.2	23	8	12	29	1.95	0.13	8	8	0.38	5895	2	0.04	7	0.12	2	408	0.06	51	81	
144	2700 11300	20	0.2	0.15	12	468	0.2	5	4.37	0.3	31	3	5	17	0.39	0.04	6	4	0.20	8356	2	0.03	5	0.09	2	404	0.01	21	86	
145	2750 11250	50	0.2	0.51	8	181	0.2	5	4.35	0.2	30	4	8	38	0.47	0.06	8	6	0.26	994	1	0.04	9	0.11	2	420	0.03	25	74	
146	3300E-2800S 11200	5	0.2	1.05	11	294	0.3	5	3.77	0.3	43	10	15	38	1.16	0.12	10	9	0.36	2305	3	0.05	8	0.13	2	374	0.06	53	109	
147	3300E-2850S 1150N	5	0.2	3.74	2	204	0.4	5	1.05	0.2	35	12	25	26	3.17	0.22	11	28	0.71	524	1	0.08	15	0.05	3	110	0.23	95	90	
148	2900 1140N	15	0.2	3.30	2	170	0.4	5	0.81	0.2	30	11	29	28	3.56	0.20	11	18	0.69	419	1	0.09	18	0.04	3	87	0.26	118	133	
151	2950 11350N	5	0.2	3.61	2	186	0.6	5	0.84	0.2	29	13	34	40	3.81	0.40	15	17	0.71	473	1	0.08	17	0.04	2	91	0.27	136	99	
152	3000 11400N	10	0.2	3.68	2	172	0.5	5	1.00	0.2	28	13	43	48	4.47	0.39	15	14	0.86	686	1	0.08	17	0.11	2	90	0.31	162	118	
153	3300E-2850S 950N	5	0.2	3.54	2	277	0.4	5	0.89	0.2	23	12	29	28	3.53	0.28	13	14	0.69	1717	1	0.08	16	0.20	2	69	0.26	118	235	
154	3400E-2850S 1950N	5	0.2	3.98	2	321	0.5	5	1.54	0.2	36	15	29	65	3.93	0.65	17	18	0.86	1172	1	0.09	21	0.16	2	109	0.23	133	128	
155	2100 11400N	45	0.2	2.94	3	365	0.4	5	2.47	0.3	39	13	14	60	2.97	0.43	16	15	0.61	1385	1	0.06	10	0.24	2	112	0.14	98	201	
156	2150 1850N	15	0.2	4.07	2	286	0.5	5	1.11	0.2	36	15	34	59	4.02	0.67	17	19	0.86	1023	1	0.08	29	0.12	4	92	0.24	132	130	
157	2200 1800N	15	0.2	3.82	2	292	0.5	5	1.26	0.2	38	12	31	57	3.68	0.48	18	17	0.77	850	1	0.08	20	0.15	4	138	0.23	123	121	
158	3400E-2250S 1750N	40	0.2	4.08	2	288	0.5	5	1.25	0.2	36	13	33	55	4.10	0.56	17	16	0.80	939	1	0.09	21	0.14	3	95	0.26	139	111	
159	3400E-2200S 1700N	20	0.2	3.81	2	244	0.5	5	1.26	0.2	38	13	34	52	4.00	0.64	17	16	0.78	782	1	0.09	21	0.16	3	103	0.27	132	137	
160	2350 1650N	25	0.2	3.83	2	397	0.5	5	1.18	0.2	40	13	38	49	3.84	0.42	15	16	0.78	1254	1	0.08	22	0.23	6	110	0.25	127	172	
161	2400 1600N	5	0.2	3.11	2	375	0.4	5	0.94	0.2	28	11	33	35	3.27	0.24	13	12	0.65	1214	1	0.07	18	0.24	2	94	0.23	106	179	
162	2450 1550N	5	0.2	3.95	2	190	0.4	5	1.07	0.2	32	12	30	41	3.73	0.35	16	28	0.87	818	1	0.09	15	0.07	4	125	0.22	127	140	
163	3400E-2500S 1500N	30	0.2	3.62	2	236	0.4	5	1.73	0.2	49	13	25	30	3.69	0.30	16	22	0.74	743	1	0.08	15	0.08	3	185	0.19	125	143	
164	3400E-2550S 1450N	10	0.2	4.03	2	314	0.5	5	1.50	0.2	36	13	32	63	3.77	0.42	16	24	0.97	962	1	0.08	17	0.09	4	160	0.19	132	138	
165	2600 1400N	10	0.2	3.86	2	239	0.5	5	1.33	0.2	34	13	29	55	3.68	0.29	17	23	0.85	730	1	0.08	15	0.09	4	153	0.18	127	131	
166	2650 11350	35	0.2	0.16	7	126	0.2	5	4.66	0.3	20	2	5	19	0.16	0.04	3	4	0.21	122	2	0.04	3	0.08	2	435	0.01	37	116	
167	2700 1300N	5	0.2	3.94	2	236	0.4	5	1.38	0.2	33	11	24	49	2.68	0.38	13	25	0.91	388	1	0.07	15	0.07	7	146	0.18	108	99	
168	3400E-2750S 1250N	5	0.2	3.98	2	237	0.4	5	1.05	0.2	30	12	25	33	3.53	0.44	11	22	0.96	581	1	0.08	14	0.05	6	122	0.17	116	100	
169	3400E-2800S 11200	5	0.2	0.49	7	251	0.2	5	4.09	0.7	23	4	8	35	0.48	0.07	5	5	0.24	2358	3	0.04	4	0.07	2	419	0.04	24	338	
170	2850 1150N	5	0.2	3.57	3	341	0.5	5	2.14	0.3	45	13	26	60	3.02	0.29	15	30	0.85	1343	1	0.06	15	0.09	7	232	0.13	98	195	
171	2900 1100N	35	0.2	4.16	2	294	0.7	5	0.98	0.2	34	15	34	53	3.42	0.48	17	26	0.90	1010	1	0.08	20	0.11	5	109	0.23	123	131	
172	2950 1050N	5	0.2	3.12	2	178	0.4	5	0.77	0.2	23	11	32	29	3.15	0.30	11	18	0.69	842	1	0.08	14	0.08	2	82	0.25	107	101	
173	3400E-3000S 1000N	20	0.2	4.33	2	552	0.5	5	1.16	0.2	34	14	26	55	3.63	0.40	17	27	0.81	5861	1	0.08	25	0.12	3	151	0.20	112	134	
174	3400E-2850S 950N	40	0.2	4.47	2	237	0.5	5	1.05	0.2	33	15	35	62	4.09	0.54	15	18	0.99	986	1	0.09	24	0.12	4	88	0.25	135	158	
175	3400E-3100S 900N	5	0.2	4.68	2	320	0.5	5	0.75	0.2	27	14	30	41	4.10	0.38	13	37	0.94	959	1	0.09	19	0.12	5	76	0.25	136	215	
176	3500E-2850S 1950N	5	0.2	3.29	2	201	0.4	5	1.58	0.2	36	12	34	57	3.47	0.52	15	15	0.80	835	1	0.08	24	0.17	2	415	0.24	117	126	
177	2100 1900N	5	0.2	3.69	2	268	0.5	5	1.13	0.2	34	14	41	55	3.77	0.67	16	16	0.76	1064	1	0.08	26	0.15	4	130	0.24	124	144	
178	3500E-2150S 1850N	35	0.2	3.73	2	249	0.5	5	1.09	0.2	30	13	54	48	4.09	0.63	16	16	0.85	814	1	0.08	36	0.14	5	91	0.26	138	135	

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bc 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	8209-021 Pg. 5 of 5
179	3500E-22005 1850N	5	0.2	3.16	2	444	0.4	5	1.29	1.2	33	12	33	65	3.16	0.38	13	12	0.67	1847	1	0.06	25	0.29	4	98	0.21	98	324	
180	2250 1750N	10	0.2	3.92	2	299	0.5	5	1.16	0.2	33	13	44	57	3.93	0.48	17	17	0.79	1014	1	0.08	26	0.13	4	98	0.23	130	133	
181	2300 1700N	50	0.2	3.95	2	307	0.7	5	0.96	0.2	34	14	45	56	4.15	0.49	19	18	0.78	933	1	0.09	23	0.09	5	81	0.25	142	110	
182	2350 1650N	55	0.2	3.95	2	341	0.5	5	1.12	0.2	30	13	39	51	3.68	0.28	15	16	0.78	1326	1	0.08	21	0.25	5	114	0.25	119	224	
183	3500E-24008 1600N	45	0.2	4.47	2	448	0.5	5	1.06	0.2	31	13	30	47	4.08	0.54	15	20	0.86	1264	1	0.08	19	0.17	5	95	0.23	133	278	
184	3500E-24508 1550N	160	0.2	3.44	2	571	0.4	5	2.13	0.7	39	13	26	93	3.13	0.47	16	14	0.75	1729	1	0.07	16	0.21	5	244	0.16	99	450	
185	2500 1500	20	0.2	3.82	2	507	0.5	5	0.96	0.8	32	15	28	74	3.60	0.31	14	18	0.77	2195	1	0.08	16	0.34	7	86	0.19	109	445	
186	2550 1450N	40	0.2	4.54	2	375	0.5	5	1.03	0.2	33	15	30	56	4.08	0.48	16	21	0.95	1371	1	0.08	18	0.18	7	114	0.20	127	288	
187	2600 1400N	40	0.2	4.84	2	376	0.6	5	1.18	0.2	38	15	32	63	4.19	0.35	18	35	0.99	1427	1	0.08	18	0.11	7	150	0.20	136	197	
188	3500E-26508 1350N	40	0.2	5.09	2	406	0.6	5	1.03	0.2	33	15	30	48	4.38	0.43	17	34	0.99	1487	1	0.09	21	0.10	7	130	0.21	131	131	
189	3500E-27008 1300N	25	0.2	3.03	2	183	0.3	5	0.72	0.2	23	11	30	23	3.12	0.31	10	18	0.62	1018	1	0.08	12	0.13	3	75	0.21	100	151	
190	2750 1250N	10	0.2	3.84	2	264	0.4	5	0.77	0.2	26	13	32	34	3.58	0.41	13	17	0.76	1380	1	0.07	16	0.12	3	84	0.22	117	172	
191	2800 1200N	5	0.2	3.73	2	248	0.6	5	0.78	0.2	32	14	35	33	3.34	0.27	14	32	0.75	789	1	0.08	16	0.08	4	96	0.23	111	144	
192	2850 1150N	5	0.2	3.80	2	236	0.5	5	1.72	0.3	36	14	28	106	3.39	0.21	16	32	0.74	796	1	0.08	21	0.09	3	202	0.19	114	106	
193	3500E-29008 1100N	5	0.2	3.14	2	254	0.3	5	0.77	0.2	25	12	25	42	3.10	0.35	11	13	0.60	1210	1	0.07	14	0.06	2	90	0.23	104	238	
194	3500E-29508 1050N	10	0.2	2.70	2	164	0.3	5	0.89	0.2	26	9	27	28	2.75	0.32	11	12	0.55	570	1	0.08	13	0.04	2	93	0.23	92	122	
195	3000 1000N	10	0.6	4.37	2	291	0.5	5	1.51	0.2	48	16	24	76	3.77	0.39	26	27	1.09	1240	1	0.07	23	0.08	4	171	0.19	122	132	
196	3050 950N	15	0.2	3.89	2	205	0.4	5	0.84	0.2	33	12	35	25	3.74	0.33	13	17	0.77	646	1	0.09	20	0.05	4	82	0.27	129	115	
197	3100 900N	40	0.2	4.99	2	569	0.7	5	0.71	0.2	36	8	16	16	2.55	0.96	14	27	0.52	462	1	0.07	8	0.11	10	177	0.17	62	210	
198	3500E-31508 850N	5	0.2	3.83	2	251	0.4	5	0.87	0.2	34	13	30	29	3.69	0.37	14	32	0.84	708	1	0.08	18	0.08	5	110	0.23	120	120	

APPENDIX III  
STATEMENT OF COSTS

STATEMENT OF COSTS

a)	Wages	
	No. of Days: 5 mandays	
	Rate per day: \$210/day	
	Dates from: August 28 - September 1, 1992	
	Total Wages: 5 x \$210 =	\$1,050.00
b)	Food and Accommodation	
	No. of Days: 5 days	
	Rate per day: \$27.15	
	Dates from: August 28 - September 1, 1992	
	Total Cost: 5 x 27.15 =	\$ 135.75
c)	Transportation	
	No. of Days: 5 days	
	Rate per day: \$73.00	
	Dates from: August 28 - September 1, 1992	
	Total Cost: 5 x 73.00 =	\$ 365.00
d)	Analysis	\$2,622.00
e)	Report Writing	230.00
f)	Drafting	150.00
g)	Typing	120.00
	<b><u>TOTAL COST:</u></b>	<b><u>\$4,672.75</u></b>
Unit Costs for Geochem		
	No. of Units: 190 samples	
	Dates From: August 28 - September 1, 1992	
	Rate per Unit: \$24.59/sample	
	Total Cost: 24.59 x 190	\$4,672.75

APPENDIX IV  
STATEMENT OF QUALIFICATIONS

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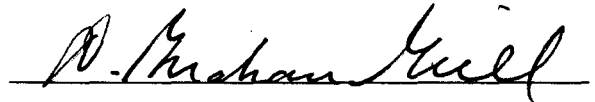
I, D. Graham Gill of the City of Vancouver, Province of British Columbia, hereby certify that:

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, 1979 and a permanent employee since November, 1987.

A handwritten signature in cursive script, reading "D. Graham Gill", written over a horizontal line.

D. Graham Gill

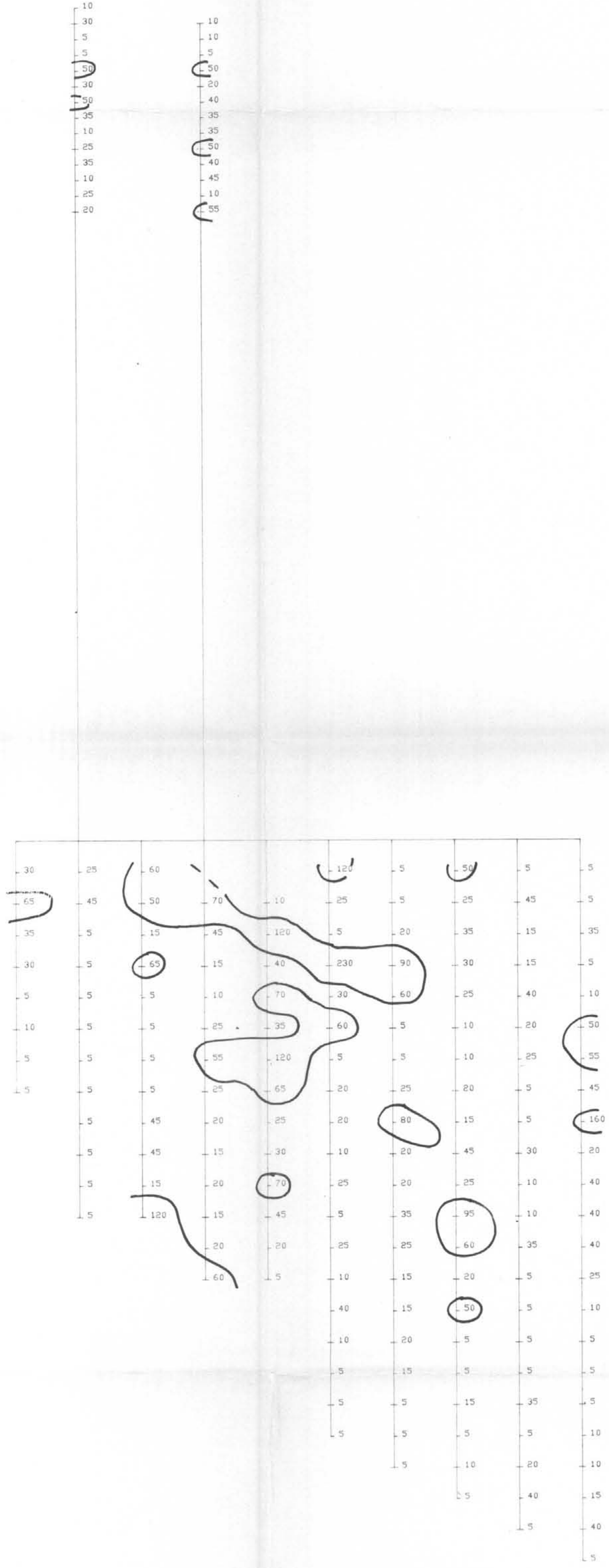


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1700N  
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1100N  
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50 ppb CONTOUR INTERVAL

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,740**

*NUM*

SOIL GEOCHEMICAL SURVEY  
PPB Au  
PROJECT: NUM PROJECT # : 165  
BASELINE AZIMUTH : 90 Deg.

SCALE = 1 : 5000      DATE : / /  
SURVEY BY : KL      NTS :

FILE: C165NUM  
NORANDA EXPLORATION