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GEOCHEMICAL, GEOPHYSICAL
ASSESSMENT REPORT ON
THE DARB NORTHWEST PROPERTY
N.T.S.: MAPSHEET 94D/8 & 9

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

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,680

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1.0 INTRODUCTION

During the period between August 4 to 6, 1994, Noranda Exploration Company, Limited (as agent for Hemlo Gold Mines Inc.) conducted a linecutting and soil geochemistry programme on the Darb Northwest property. Subsequently, a ground magnetic survey was completed over the same grid by Peter Walcott and Associates between August 22 and September 1, 1994.

The focus of the exploration programme described in this report was to further delineate a subdued gold in soil geochemical anomaly detected by a regional geochemistry programme conducted in 1993 by Noranda and to detect structural trends in the area which is largely covered by a 3-10 m layer of glacial till and moraine along the broad Kliyul-Lay Creek valley bottom.

1.1 Location and Access

The Darb Northwest property is located approximately 200 km north-northeast of Smithers, B.C. on N.T.S. Mapsheet 94D/8 & 9 in the Omineca Mining Division.

Access to the survey area was achieved by helicopter based at Johanson Lake.

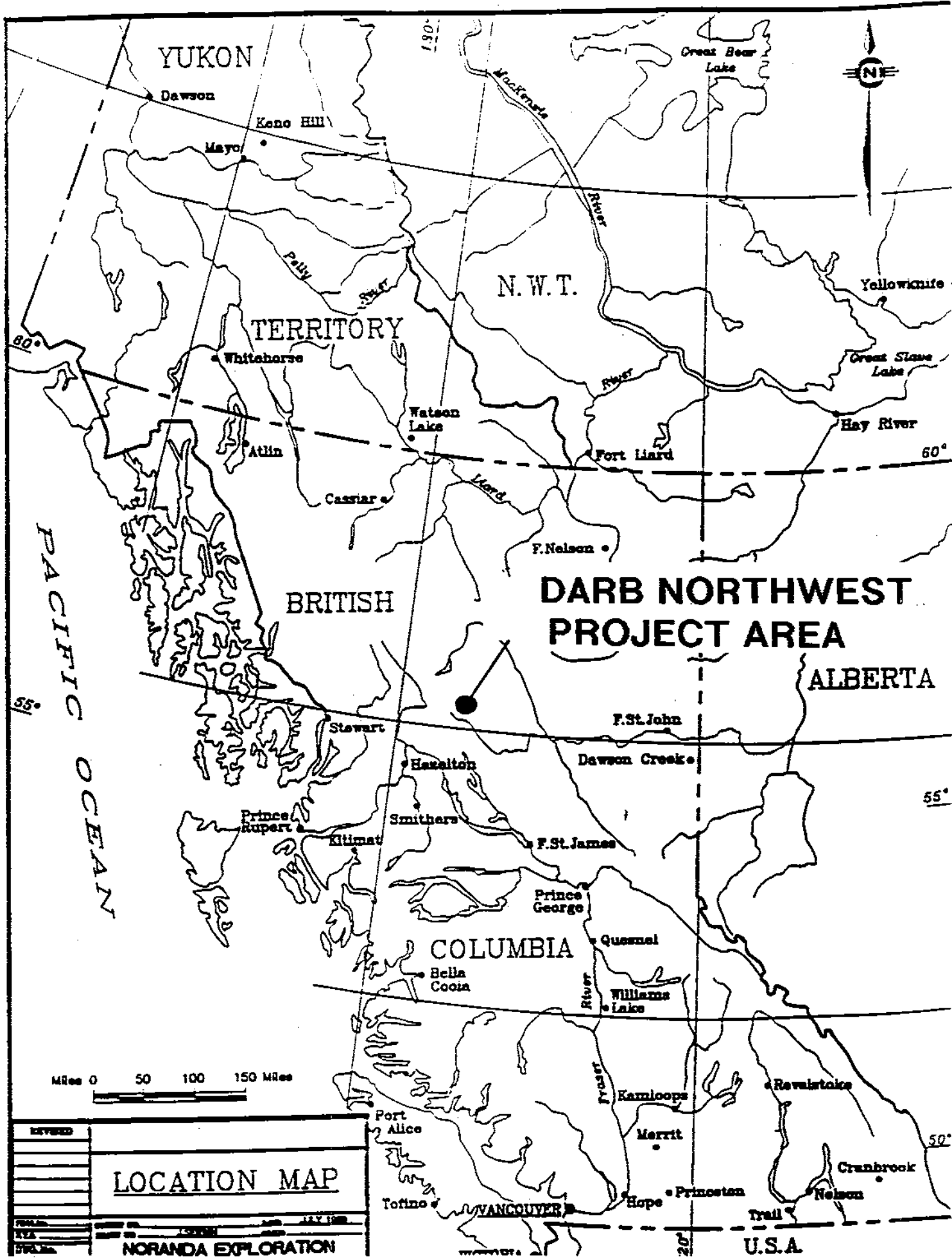
1.2 Topography and Physiography

The Darb Northwest project area is situated within the Osilinka Ranges and is located approximately 9.0 km south of Johanson Lake. The survey area covers the northern flanks of the main Kliyul-Lay Creek glacial valley and is bisected by the north-south Dortatelle fault and east-west Kliyul-Lay Creek fault. All of the gridded area is above treeline with elevations ranging from 1680 m to 1840 m. The entire survey area is drained by the headwaters of West Kliyul Creek.

1.3 History

Below is a brief outline of documented work performed on the project area and surrounding localities in chronological order.

1949: Preliminary work on auriferous quartz veins conducted by Goldway Peak Mines Ltd. in the Goldway Peak area.



- 1970-1972: The Kliyul property was staked and geochemically and geophysically surveyed by Kennco Explorations. These surveys delineated a 2.5 km x 1.0 km I.P. chargeability anomaly and coincident (yet smaller) copper soil geochemical and magnetic anomalies.
- 1971-1972: Geological, geochemical and geophysical (magnetics) surveys were conducted by El Paso Mining and Milling Co. who discovered skarn zones along the sheared contact between ultramafics and volcanics on lower Kliyul Creek.
- 1973: Kliyul property optioned to Sumac Mines Ltd. who drilled 3 x-ray holes (no results available).
- 1973: San Jacinto Explorations Ltd. performed soil surveying near the gold/quartz veins on Goldway Peak.
- 1974: Sumac Mines drilled 6 'BQ' holes on the Kliyul property to test the West and East Zone copper soil anomalies and 5 'BQ' holes into the magnetic high. The latter drill holes intersected magnetite-copper-gold mineralization within a well fractured, sericite, chlorite, epidote, carbonate, quartz, pyrite skarn hosted by calcareous andesite tuffs and agglomerates and lesser dioritic units. A reserve of 2.5 million tons of 0.3% Cu and 0.03 opt Au was returned from this skarn zone.
- 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.
- 1981: Geological and geochemical surveying was completed by Dupont of Canada on the AS 1 claim near Goldway Creek.
- 1981: Kennco and Vital Pacific drilled 4 NQ holes (1978 feet) into the central skarn zone on the Kliyul property; all in a southerly direction.
- 1982: A trace element study was performed by BP Minerals on previously collected samples from the Bap claims.
- 1982: Further geochemistry was completed in the Goldway Peak area by Dermot Fahey and by Laramie Mining Corporation.
- 1983: A preparatory study to determine road access to Goldway Peak was undertaken by Laramie Mining Corporation.

- 1984: BP Minerals relogged and sampled portions of available core and conducted geological mapping and geochemical sampling on the Kliyul property.
- 1984: Laramie Mining Corporation conducted mapping, geophysics (VLF) and sampling/assaying of their Goldway Peak Property.
- 1984: Mapping and geochemistry was completed in the lower Kliyul Creek area by BP Resources Canada, Ltd.
- 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.
- 1985: Geological and geochemical surveying in the Goldway Peak area by BP Resources, Canada, Ltd. delineated auriferous quartz veins and fractures within quartz-carbonate-pyrite altered zones.
- 1985: Further geological, geochemical and geophysical work (magnetics, VLF) was performed by Golden Rule Resources Ltd. on the KC 1 & 2 claims.
- 1985-1986: Prospecting, mapping, trenching and sampling of the auriferous quartz veins in the Goldway Peak area continued with Laramie as the operator.
- 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.
- 1990: Placer Dome conducted linecutting, magnetometer and VLF-EM surveying, soil and rock sampling and prospecting on the Kliyul property in order to delineate magnetic anomalies similar to the known skarn zone, possible porphyry style mineralization and/or mineralized structures parallel to the large glacial valley.
- 1992: Noranda Exploration Company, Ltd. conducted 1:5,000 geological mapping on the Kliyul property, concentrating on alteration assemblages as well as rock and minor sampling.
- 1993: Noranda completed a 6 hole, 560 meter reverse circulation drill programme on the Kliyul main skarn zone. Results were encouraging enough to pursue options on surrounding properties which host similar stratigraphy, intrusives and mineralization. A helicopter-borne EM-Mag survey was also flown over the Darb property with minimal reconnaissance style sampling.

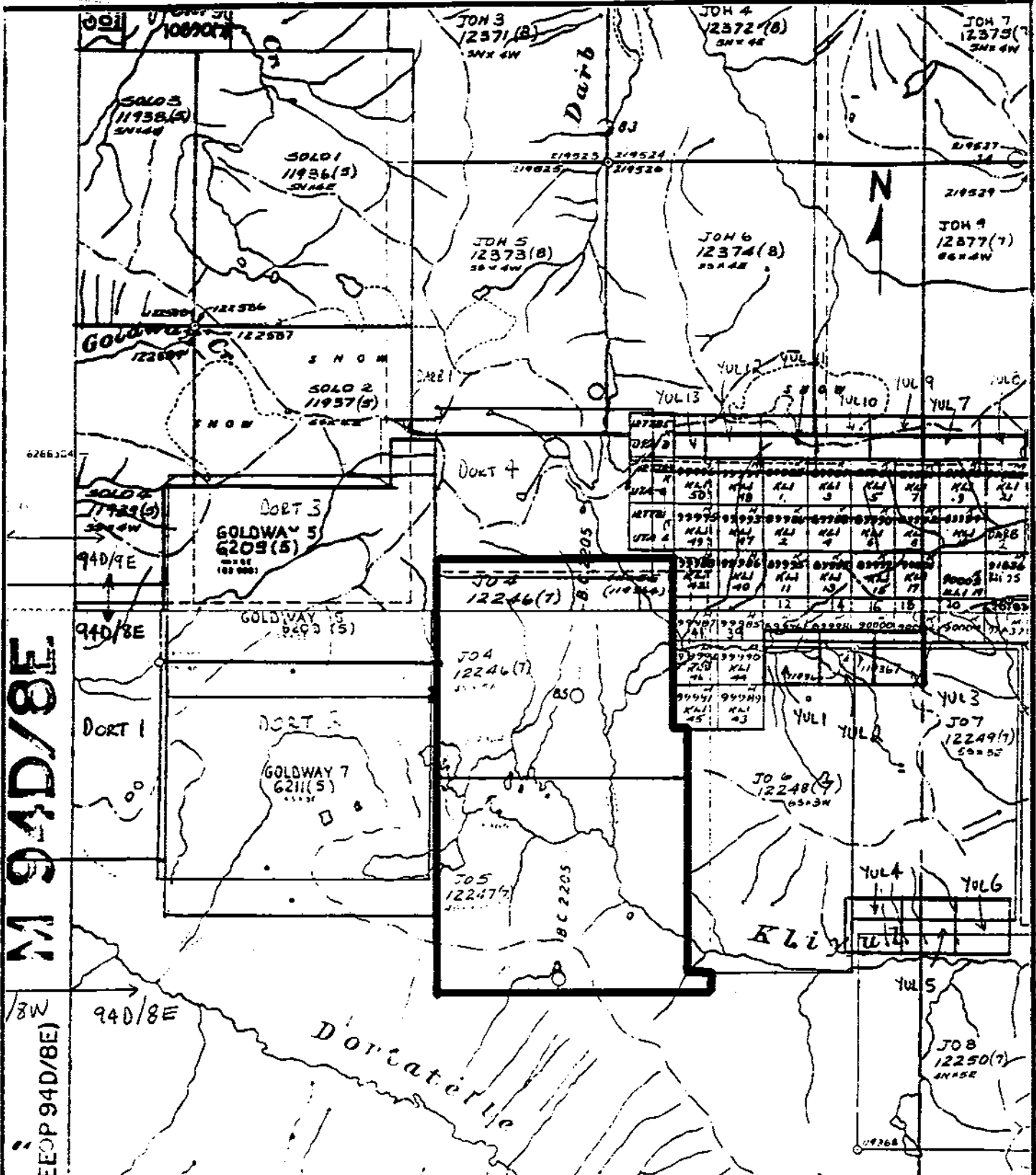
1.4 Claims

The claims which comprise the Darb property are listed below with corresponding owner, expiry date, tenure numbers and property name.

CLAIM	TENURE NO.	UNITS	EXPIRY DATE	OWNER
Jo 4	242396	20	July 13, 1997	Golden Rule
Jo 5	242397	20	July 13, 1996	Resources Ltd.

1.5 Economic Potential

Due to the linear trends of the gold in soil anomaly which coincides with 2 large east-west and north-south fault zones good potential exists on this property for hosting structurally controlled gold occurrences.



M 94D/8E
 (FOR PLACER SEE OP 94D/8E)

CLAIM LOCATION
DARB NORTHWEST
JOE GROUP

REVISED
PROJ No 586
N.T.S 94D/8E
DWG. No. 2

SURVEY BY: _____ DATE: NOV. 1994
 DRAWN BY: DGG SCALE: 1:50,000
NORANDA EXPLORATION
 OFFICE: VANCOUVER

1.6 Survey Control

The surveying of the flagged grid lines was conducted with the aid of a compass and metric hipchain and were tied into topographic features such as lakes and drainages. All lines were slope corrected. A total of 14.425 line kilometers of grid was established.

1.7 Sampling

Soil sampling was conducted along metrically chained lines with samples taken every 100 meters to the depth of 5-75 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.

Please refer to Appendix I for the laboratory analytical techniques and Appendix II for sample assay values.

A total of 142 soils and their accompanying analytical charges are being applied for assessment.

2.0 GEOLOGY

2.1 Regional Geology (See Drawing #3)

The Darb property is situated within the Intermontane Belt which is comprised of Upper Triassic to Lower Jurassic island arc volcanics, volcanoclastics and sediments of the Takla Group which hosts such Cu-Au porphyry deposits as Mt. Milligan and Kemess. The 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.

3.0 SOIL GEOCHEMISTRY

A total of 142 soils were collected during this programme along 200 meter spaced winglines and 100 meter stations. Due to abundant till in the glacial valley in which the grid is located, soil pits were dug to a depth of 75 cm where possible to get closer to bedrock source. The use of augers was originally attempted but due to the amount of boulders in the till proved futile.

Of the elements analyzed for only gold revealed anomalous values which are plotted on Drawing #3. The lowest value obtained was 5 ppb while the highest value returned 1700 ppb. (Results have been contoured at 50 and 100 ppb intervals).

A NNE-SSW trending >50 ppb Au anomaly exists from the northern sections of lines 676E, 678E and 680E extending to the southern ends of lines 666E and 668E. This anomaly measures 1700 meters in length and ranges from 100 meters to 600 meters in width. This anomaly can be broken into separate limbs that contain >100 ppb Au zones within each. The first limb is centered at approximately 641N, 669E and consists of 3 discrete, discontinuous >100 ppb Au anomalies. The second limb is centered at 644N, 676E and is comprised mainly of a 450 m x 200 m >100 ppb Au zone. These two 'limbs' are postulated to exist on the west and east sides respectively of the Dortatelle fault (surface trace of which trends from 674E, 648N through 671E, 636N). Of further interest are the east-west trending features of the >50 ppb Au anomaly which occur between L666E, 64450N and L672E, 644N on the west side of the Dortatelle fault and between L676E, 649N and L680E, 647N on the east side of the Dortatelle. These zones may reflect the surface trace of an east-west trending structural zone which may parallel the Kliyul-Lay creek valley and has been subsequently left laterally offset by the Dortatelle fault zone.

DARB LAKE

DORTATELLE FAULT

LAY CK.



KLIYUL CLAIMS

KLIYUL-LAY CK FAULT

KLIYUL CK.

SOUP CLAIMS


**DARB NORTHWEST
JOE CLAIM GROUP**

DORATELLE CK.

LEGEND

INTRUSIVES

 DIORITE, MONZONITE, SYENITE

 ULTRAMAFIC ROCKS (PYROXENITE)

TAKLA VOLCANICS (UP. TRIASSIC)

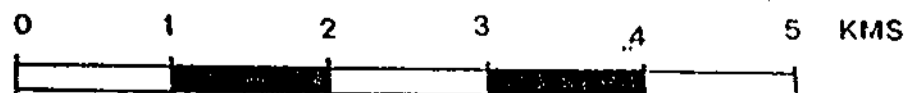
 ANDESITES

 SEDIMENTS (ss., arg. lst.)

3

REGIONAL GEOLOGY

KLIYUL CREEK AREA



★ OCCURRENCES

SCALE 1:50,000

4.0 MAGNETOMETER SURVEY

Ground Magnetic Survey

In August, 1994, Peter E. Walcott and Associates Ltd. was contracted to perform a ground magnetometer survey on the Darb Property. The operators involved were Alex Walcott, Gary MacMillan and Wim Daenens. EDA Omni + base and mobile magnetometers were used throughout the survey.

Eleven lines were surveyed covering a total of 12.162 line kilometers. A station spacing of 12.5 m was used.

The grid lines and stations were tied to UTM co-ordinates in the field. The total field magnetic readings range from a low of 57,654 nT to a high of 59,833 nT. The west side of the grid displays a much stronger magnetic relief than the east. This may correlate with a mafic intrusive. Dips appear to be close to vertical. The east side of the grid shows much less magnetic relief. One very strong anomaly is located at 67200E and 64450N. The peak amplitude is 59,833 nT with steep gradients both north and south. Readings build in amplitude on line 67200E but not on lines 67000E and 67400E. This could be a very localized plug with a steep plunge towards the north.

Interpreted magnetic "breaks" and lineaments are shown superimposed on the 1:5,000 contour plan. These features were interpreted from the Total Field Magnetics, First Vertical Derivative and moving shadow plots in GEOSOFT Mapview.

Two distinct lineament trends are observed running southwest-northeast and east-west.

5.0 CONCLUSIONS

1. A >50 ppb Au in soil anomaly measuring 1700 meters in length and 100-600 meters in width has been detected on the Darb NW grid.
2. Contouring of values >100 ppb Au reveals two distinct limbs within the main anomaly both of which trend north-northeast and correlate well with interpreted magnetic lineaments detected by the ground magnetic survey and are subparallel to the Dortatelle fault which trends north-south and bisects the two >100 ppb anomalies.
3. East-west magnetic lineaments detected support the case for a unexposed east-west trending structure which may parallel the Kliyul-Lay Creek valley bottom and may cause the subtle east-west 'shoots' seen on the geochemical plan map.
4. The more intense magnetic readings on the west side of the grid may be the result of a more mafic rich intrusive or magnetite-rich volcanic units.

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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
SOIL GEOCHEMICAL RESULTS

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: DARB - 45586

Material: 142 Soils

Remarks: * Sample screened @ - 35 Mesh (0.5 mm)

** Organic, A Humus, S Sulfide

Geol.: G.G.

Sheet: 1 of 4

Date received: AUG. 10

Date completed: AUG. 22

LAB CODE: 9408-027

ICP - 0.2 g sample digested with 3 ml HClO₄/HNO₃ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Laxman 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.

SAMPLE No.	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
	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
640N - 661E	45	1.8	4.64	14	319	0.2	5	1.34	0.6	44	34	46	301	6.54	0.43	12	24	2.70	1598	1	0.06	54	0.09	2	82	0.29	220	117
663	25	0.2	4.92	16	272	0.2	5	1.30	0.2	42	22	39	97	5.87	0.39	10	26	2.00	818	1	0.06	31	0.13	2	90	0.30	212	104
665	1700	0.2	5.42	8	307	0.3	5	1.08	0.2	44	33	35	160	6.60	0.44	11	28	2.31	1253	1	0.06	41	0.10	4	73	0.31	217	107
667	70	0.2	4.57	7	341	0.2	5	1.14	0.2	43	24	40	139	5.82	0.46	11	23	2.04	888	1	0.06	41	0.07	2	68	0.24	208	102
640N - 669E	140	0.2	3.87	16	267	0.3	5	1.18	0.2	44	27	39	132	5.68	0.40	11	17	1.57	1069	2	0.06	35	0.08	5	77	0.20	180	85
640N - 671E	75	0.2	4.42	15	313	0.3	5	1.17	0.2	44	83	37	876	6.01	0.51	10	23	1.60	866	6	0.08	39	0.10	3	75	0.20	197	91
673	45	0.2	5.90	2	204	0.3	5	2.31	1.3	57	38	29	365	6.26	0.30	16	13	1.56	2793	1	0.08	55	0.18	2	175	0.29	244	152
675	30	0.2	5.75	2	264	0.2	5	2.18	0.2	45	24	40	171	5.75	0.48	10	17	2.01	915	1	0.11	34	0.08	2	112	0.27	177	102
677	25	0.2	4.96	2	278	0.2	5	2.33	0.2	43	23	35	149	5.01	0.45	9	17	2.16	805	1	0.12	32	0.08	2	117	0.30	181	101
640N - 679E	25	0.2	5.83	2	188	0.3	5	2.25	0.2	45	28	36	204	6.02	0.35	10	18	2.08	1004	1	0.09	33	0.13	2	120	0.30	201	104
660E - 637N	40	0.2	4.48	6	288	0.2	5	1.25	0.2	41	23	50	101	5.38	0.42	10	17	1.80	784	1	0.06	38	0.12	2	85	0.23	191	86
638	10	0.2	5.35	4	404	0.2	5	0.86	0.2	42	29	29	166	7.18	0.88	11	40	2.90	937	3	0.04	36	0.10	2	70	0.47	255	118
639	30	0.2	5.10	5	229	0.2	5	1.24	0.2	45	20	52	80	5.23	0.34	11	17	1.83	575	1	0.05	37	0.10	2	83	0.26	196	81
640	50	0.2	4.75	7	301	0.2	5	1.19	0.2	43	29	47	117	5.68	0.46	10	19	1.92	993	1	0.07	45	0.08	2	76	0.22	198	86
660E - 641N	1100	0.2	5.46	9	187	0.4	5	0.91	0.2	50	29	40	127	5.85	0.30	12	26	1.96	1061	1	0.04	39	0.12	2	63	0.27	199	115
660E - 642N	25	0.2	5.04	6	237	0.3	5	1.25	0.2	41	24	47	88	5.59	0.32	9	27	1.86	715	1	0.05	35	0.12	2	90	0.24	174	97
643	25	0.2	5.36	2	217	0.2	5	0.97	0.2	38	21	24	97	6.00	0.41	10	50	2.03	786	1	0.09	25	0.13	3	40	0.28	192	158
644	65	0.2	4.02	6	132	0.2	5	0.29	0.2	29	48	16	94	8.26	0.23	10	33	1.82	1234	1	0.03	16	0.12	2	13	0.33	287	144
645	20	0.2	4.58	2	268	0.2	5	0.95	0.3	39	23	25	112	5.68	0.39	10	36	2.16	1461	1	0.07	25	0.09	2	47	0.24	170	130
660E - 646N	55	0.2	5.56	2	447	0.2	5	0.51	0.2	35	31	27	137	7.24	0.62	12	34	2.39	1061	1	0.08	32	0.09	2	31	0.33	268	128
660E - 647N	5	0.2	4.25	2	504	0.2	5	1.82	0.2	48	20	11	135	5.19	0.33	12	37	1.97	733	1	0.06	15	0.04	2	215	0.29	194	84
660E - 648N	25	0.2	4.39	10	312	0.2	5	0.40	0.2	31	15	22	79	5.24	0.38	10	35	1.85	707	1	0.05	16	0.11	2	24	0.29	197	89
662E - 637N	15	0.2	4.80	2	160	0.2	5	1.20	0.2	45	24	49	108	5.56	0.18	13	23	2.18	690	1	0.04	41	0.13	2	104	0.30	185	116
638	80	0.2	4.56	8	206	0.2	5	1.09	0.2	41	19	48	46	5.07	0.34	10	15	1.61	591	1	0.05	32	0.12	2	76	0.24	183	78
662E - 639N	30	0.2	4.57	6	191	0.2	5	0.82	0.2	37	21	43	58	4.97	0.31	10	18	1.63	698	1	0.05	31	0.11	4	57	0.24	171	79
662E - 640N	25	0.2	5.06	7	247	0.2	5	1.49	0.2	43	27	39	136	5.33	0.35	10	26	2.18	744	1	0.10	44	0.08	2	82	0.24	168	81
641	15	0.2	4.88	5	169	0.2	5	1.04	0.2	42	24	64	70	5.42	0.26	10	19	2.01	738	1	0.04	45	0.09	3	76	0.26	194	91
642	30	0.2	4.75	13	209	0.2	5	0.85	0.2	40	26	48	117	5.43	0.28	10	19	1.67	1183	1	0.05	33	0.14	8	55	0.23	171	95
643	15	0.2	4.32	2	188	0.2	5	0.84	0.2	35	14	34	46	4.33	0.29	10	15	1.16	548	1	0.05	17	0.10	2	57	0.27	183	61
662E - 644N	25	0.2	4.95	3	174	0.3	5	1.07	0.2	47	25	42	102	5.84	0.29	12	31	1.74	978	1	0.05	30	0.14	2	48	0.27	206	110
662E - 645N	20	0.2	4.92	2	246	0.2	5	1.74	0.2	41	22	20	80	6.06	0.47	9	43	2.06	1032	1	0.06	21	0.08	2	72	0.26	189	103
646	15	0.2	4.96	2	225	0.2	5	0.77	0.2	36	21	30	82	5.64	0.38	10	46	2.00	898	1	0.07	28	0.12	2	35	0.22	169	106
647	30	0.2	4.09	2	208	0.2	5	0.64	0.2	36	23	41	58	5.70	0.38	10	38	1.98	1099	1	0.07	36	0.06	2	28	0.20	179	89
662E - 648N	890	0.2	4.00	2	192	0.2	5	0.24	0.2	29	56	80	234	9.33	0.25	15	23	2.66	1389	1	0.03	88	0.11	2	9	0.24	368	120
664E - 637N	20	0.2	5.07	2	177	0.2	5	1.17	0.2	39	23	38	76	6.10	0.23	12	25	2.12	628	1	0.05	31	0.13	2	78	0.30	206	148

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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	0408-027 Pg. 2 of 4
664E-638N	25	0.2	4.95	2	108	0.2	5	0.87	0.2	37	28	57	105	6.51	0.14	13	26	2.86	647	1	0.04	42	0.11	2	52	0.33	234	95	
639	40	0.2	4.57	7	313	0.2	5	1.15	0.2	39	30	49	136	6.02	0.37	12	21	2.00	1113	1	0.05	49	0.09	2	72	0.25	208	89	
640	25	0.2	5.23	6	246	0.3	5	1.14	0.2	38	29	50	95	6.00	0.39	13	24	2.25	1089	1	0.06	45	0.10	2	68	0.26	205	96	
641	40	0.2	4.94	17	257	0.3	5	0.85	0.2	35	28	36	110	5.90	0.36	9	22	1.97	1062	1	0.05	37	0.09	2	54	0.26	193	93	
664E-642N	1000	0.2	5.54	2	188	0.3	5	0.81	0.2	35	20	46	87	5.41	0.28	8	20	1.50	774	1	0.05	28	0.16	2	62	0.24	170	81	
664E-643N	30	0.2	4.94	2	88	0.2	5	2.43	0.2	33	21	21	136	5.79	0.11	6	24	1.87	1122	1	0.10	17	0.11	2	53	0.33	237	59	
644	25	0.2	5.72	8	190	0.2	5	0.86	0.2	32	23	36	111	5.87	0.26	9	33	2.26	852	1	0.05	36	0.12	2	48	0.27	197	90	
645	10	0.2	6.58	2	79	0.3	5	1.01	0.2	32	17	98	64	5.23	0.10	8	33	1.64	533	1	0.04	45	0.16	2	39	0.29	137	97	
646	15	0.2	5.93	2	256	0.3	5	0.59	0.2	31	24	22	66	6.33	0.43	9	29	2.17	1005	1	0.06	22	0.12	2	27	0.29	199	121	
664E-647N	5	0.2	4.62	2	205	0.2	5	0.36	0.2	32	27	32	111	6.58	0.30	10	26	2.49	1064	1	0.04	31	0.11	2	17	0.32	239	101	
664E-648N	20	0.2	5.39	2	285	0.2	5	0.71	0.2	35	25	36	104	6.53	0.46	10	33	2.40	1488	1	0.08	46	0.10	2	31	0.27	208	126	
666E-637N	130	0.2	4.40	5	329	0.2	5	0.96	0.2	36	26	41	125	5.42	0.47	10	19	1.74	1137	1	0.07	41	0.07	2	61	0.21	198	79	
638	20	0.2	4.35	5	259	0.2	5	1.18	0.2	40	26	49	121	5.11	0.38	10	15	1.86	904	1	0.05	43	0.07	2	77	0.22	190	77	
639	30	0.2	4.24	10	390	0.3	5	1.23	0.2	41	30	56	110	6.21	0.60	11	24	2.08	1119	1	0.08	57	0.08	2	68	0.23	209	104	
666E-640N	30	0.2	4.32	2	217	0.2	5	0.96	0.2	37	22	31	104	5.69	0.28	10	24	1.84	656	1	0.06	29	0.09	2	53	0.24	174	100	
666E-641N	35	0.2	4.71	2	268	0.2	5	1.03	0.3	38	23	27	96	5.02	0.36	9	25	2.05	574	1	0.08	27	0.09	2	53	0.25	181	122	
642	25	0.2	5.25	2	224	0.2	5	0.90	0.2	34	28	22	141	5.68	0.35	9	26	2.03	1007	1	0.08	26	0.09	2	44	0.27	179	100	
643	30	0.2	4.94	2	206	0.2	5	1.19	0.2	41	25	29	85	6.11	0.50	10	28	2.18	1096	1	0.09	27	0.09	2	48	0.23	191	118	
644	55	0.2	6.20	2	167	0.2	5	0.67	0.2	31	40	52	146	7.56	0.24	9	28	3.67	1078	1	0.08	48	0.09	2	27	0.31	350	129	
666E-645N	710	0.8	5.05	4	225	0.2	5	0.71	0.2	34	28	24	139	5.97	0.35	10	24	1.86	1156	1	0.06	28	0.11	2	45	0.25	179	95	
666E-646N	10	0.2	5.31	2	135	0.2	5	1.16	0.2	36	19	20	75	5.38	0.25	7	22	1.48	1000	1	0.06	16	0.12	2	42	0.27	171	94	
647	45	0.2	5.49	2	220	0.2	5	0.58	0.2	30	18	38	96	5.59	0.45	10	26	2.13	631	1	0.06	29	0.10	2	29	0.22	177	126	
666E-648N	90	0.2	5.07	2	269	0.2	5	0.93	0.4	38	28	23	123	6.40	0.59	11	25	2.37	1422	1	0.10	26	0.08	2	41	0.20	184	162	
668E-637N	420	0.2	4.95	15	191	0.2	5	1.15	0.2	41	26	45	114	6.02	0.28	10	14	1.49	1379	1	0.05	33	0.13	3	75	0.23	175	74	
668E-638N	50	0.2	5.17	8	301	0.2	5	1.58	0.2	45	27	52	137	6.03	0.47	12	20	2.24	807	1	0.08	50	0.08	2	94	0.25	218	89	
668E-639N	50	0.2	4.52	13	389	0.3	5	1.24	0.2	42	29	45	134	6.09	0.58	12	20	2.08	1045	1	0.08	50	0.08	3	82	0.21	201	101	
640	30	0.2	4.82	8	332	0.2	5	1.13	0.2	41	25	44	142	6.09	0.50	12	21	2.12	780	1	0.08	47	0.08	3	73	0.24	203	99	
641	30	0.2	5.28	8	201	0.2	5	0.75	0.2	37	30	27	135	6.18	0.32	10	25	1.87	1291	1	0.05	28	0.13	2	44	0.26	191	102	
642	20	0.2	4.69	5	213	0.2	5	1.06	0.2	40	25	25	137	5.66	0.34	11	24	1.88	1147	1	0.08	24	0.10	2	48	0.23	175	122	
668E-643N	10	0.2	4.82	7	206	0.2	5	0.74	0.2	36	16	32	57	5.13	0.29	10	19	1.27	816	1	0.06	20	0.16	5	52	0.20	159	82	
668E-644N	50	0.2	5.30	8	309	0.2	5	1.89	0.2	43	27	26	165	5.96	0.44	12	25	1.95	1091	1	0.07	31	0.07	2	139	0.27	218	96	
645	40	0.2	5.63	2	107	0.2	5	0.42	0.2	27	15	33	56	5.38	0.13	10	25	2.38	565	1	0.03	22	0.13	2	17	0.27	222	99	
646	25	0.2	5.66	2	249	0.3	5	1.12	0.2	36	24	29	96	6.09	0.50	10	26	2.09	1347	1	0.08	26	0.17	2	50	0.25	199	136	
647	5	0.2	3.32	2	164	0.2	5	0.58	0.2	29	13	25	61	3.59	0.32	7	16	1.23	588	1	0.07	15	0.13	4	33	0.17	117	79	
668E-648N	50	0.2	5.57	2	303	0.2	5	1.34	0.2	40	32	22	118	6.47	0.65	10	23	2.29	1264	1	0.09	25	0.09	2	68	0.23	182	121	
670E-636N	25	0.2	4.69	4	229	0.2	5	1.45	0.2	46	24	41	163	5.55	0.37	11	17	1.72	722	1	0.08	38	0.11	3	91	0.23	190	77	
637	20	0.2	5.16	2	235	0.2	5	1.29	0.2	46	29	39	160	6.13	0.32	12	19	2.17	1125	1	0.06	43	0.11	2	84	0.29	212	92	
638	30	0.2	4.67	2	214	0.2	5	1.66	0.2	50	21	46	70	5.40	0.30	11	17	1.90	659	1	0.07	37	0.11	2	94	0.29	199	82	
639	15	0.2	4.99	2	157	0.2	5	1.89	0.2	43	25	49	99	5.62	0.27	11	18	2.33	665	1	0.07	47	0.09	2	103	0.28	219	78	
670E-640N	40	0.2	5.05	8	208	0.3	5	1.30	0.2	39	29	43	222	6.35	0.33	11	19	1.97	755	1	0.06	39	0.12	3	71	0.26	194	86	
670E-641N	50	0.2	4.67	2	228	0.2	5	1.30	0.2	36	23	27	85	5.20	0.38	9	17	1.67	733	1	0.09	23	0.09	2	58	0.22	169	72	
642	1700	0.2	5.27	14	212	0.3	5	0.80	0.2	37	26	36	71	5.91	0.33	9	19	1.40	693	1	0.06	25	0.13	4	54	0.20	172	81	
643	75	0.2	5.17	8	316	0.3	5	0.94	0.2	42	22	41	56	6.04	0.46	10	21	1.42	1058	1	0.08	25	0.14	4	72	0.22	203	85	
644	75	0.4	4.76	15	409	0.3	5	1.01	0.2	46	32	32	114	6.51	0.56	12	24	1.72	1140	1	0.09	37	0.09	6	71	0.19	195	108	
670E-645N	55	0.2	4.82	9	321	0.2	5	0.86	0.2	44	27	33	121	5.98	0.43	11	24	1.77	1447	1	0.07	32	0.15	6	58	0.23	187	101	

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	Si ppm	Ti %	V ppm	Zn ppm	0408-027 Pg. 3 of 4
670E-646N	5	0.2	4.94	2	88	0.2	5	2.85	0.2	51	16	16	64	4.94	0.16	9	9	1.52	569	1	0.15	12	0.18	2	88	0.36	162	42	
647	25	0.2	6.06	2	140	0.2	5	0.55	0.2	30	18	19	83	4.56	0.28	7	19	1.42	796	1	0.04	15	0.11	5	24	0.21	123	98	
670E-648N	5	0.2	3.96	2	232	0.2	5	1.55	0.2	35	26	9	103	5.38	0.41	6	19	2.03	683	1	0.09	10	0.06	2	54	0.33	183	94	
672E-637N	1700	0.2	5.01	7	288	0.2	5	1.47	0.2	44	30	44	133	5.79	0.38	11	17	2.16	955	1	0.07	47	0.10	2	88	0.26	203	90	
672E-638N	15	0.2	4.99	5	205	0.2	5	1.79	0.2	46	32	48	130	5.98	0.31	12	17	2.44	1028	1	0.07	54	0.07	2	105	0.27	222	82	
672E-639N	35	0.2	5.51	10	265	0.2	5	1.52	0.2	40	29	47	88	6.25	0.36	10	17	1.91	1015	1	0.08	37	0.14	2	87	0.29	194	98	
640	20	0.2	5.18	2	235	0.2	5	1.88	0.2	35	23	30	189	5.34	0.39	8	18	1.94	783	1	0.11	36	0.07	2	103	0.25	164	99	
641	15	0.2	3.85	2	196	0.2	5	1.99	0.2	40	21	21	161	4.83	0.22	10	17	1.57	696	1	0.10	16	0.08	2	81	0.29	161	67	
642	25	0.2	4.68	2	248	0.2	5	1.83	0.2	35	20	32	83	5.22	0.26	8	14	1.56	637	1	0.09	23	0.11	2	100	0.27	170	64	
672E-643N	15	0.2	5.42	2	244	0.2	5	2.48	0.2	36	21	29	189	5.12	0.29	8	15	1.85	704	1	0.09	29	0.11	2	143	0.27	155	62	
672E-644N	50	0.2	5.29	11	289	0.2	5	0.78	0.2	33	29	27	106	6.49	0.39	9	28	1.90	1226	1	0.08	30	0.11	2	52	0.25	189	106	
645	35	0.2	5.53	10	244	0.2	5	0.75	0.2	34	26	30	110	5.66	0.32	10	27	2.26	1229	1	0.11	44	0.09	2	45	0.24	175	92	
646	30	0.2	3.72	2	802	0.2	5	1.41	0.2	36	5	11	93	4.72	0.64	7	12	1.48	463	1	0.04	10	0.11	2	80	0.26	143	44	
647	20	0.4	5.58	2	191	0.2	5	0.72	0.2	30	25	26	115	5.38	0.28	8	21	1.57	984	1	0.06	24	0.12	2	32	0.22	151	87	
672E-648N	5	0.2	4.87	2	169	0.2	5	1.57	0.2	42	13	16	51	4.61	0.16	9	11	1.14	931	1	0.08	9	0.14	2	66	0.25	135	71	
674E-639N	15	0.2	5.76	2	214	0.2	5	2.10	0.2	45	20	32	90	5.55	0.40	10	16	1.86	741	1	0.09	26	0.10	2	111	0.28	173	96	
640	50	0.2	5.29	2	307	0.2	5	2.05	0.2	44	18	16	170	5.35	0.54	10	14	1.70	777	1	0.09	20	0.09	2	109	0.28	170	86	
641	35	0.2	4.29	2	188	0.2	5	1.86	0.2	45	21	28	78	5.31	0.34	10	20	1.66	676	1	0.09	26	0.09	2	103	0.22	169	74	
642	120	0.2	4.10	22	260	0.2	5	1.52	0.2	43	24	36	138	5.45	0.38	11	20	1.55	756	1	0.10	31	0.06	2	87	0.21	184	77	
674E-643N	20	0.2	5.92	3	233	0.3	5	1.10	0.2	41	25	27	101	5.81	0.32	11	20	1.61	1225	1	0.06	26	0.16	3	71	0.27	176	92	
674E-644N	25	0.2	6.20	2	405	0.3	5	2.53	0.2	46	33	23	273	6.67	0.48	11	20	2.52	1229	1	0.10	30	0.11	2	141	0.36	218	95	
645	80	0.2	5.47	17	271	0.3	5	0.72	0.2	37	51	32	149	7.16	0.41	10	26	2.03	1445	1	0.06	36	0.12	3	39	0.25	192	101	
646	5	0.2	5.52	2	485	0.2	5	2.21	0.2	47	19	26	194	5.47	0.53	11	19	2.10	717	1	0.09	25	0.12	2	100	0.32	185	68	
647	30	0.2	5.81	6	337	0.2	5	1.10	0.2	39	27	30	122	5.93	0.38	10	22	1.93	1170	1	0.07	28	0.12	3	55	0.26	176	96	
674E-648N	35	0.2	4.98	11	202	0.2	5	0.48	0.2	33	18	29	72	4.42	0.26	9	18	1.21	612	1	0.04	22	0.16	7	31	0.21	139	78	
676E-639N	60	0.2	4.10	7	155	0.2	5	1.36	0.2	39	16	23	98	4.24	0.22	9	16	1.22	496	2	0.06	18	0.19	2	71	0.21	126	97	
640	10	0.2	4.18	10	106	0.2	5	2.31	0.2	35	17	9	112	4.80	0.18	6	17	1.69	702	1	0.09	14	0.07	2	77	0.26	178	78	
641	15	0.2	4.32	7	185	0.2	5	1.74	0.2	40	23	29	145	4.99	0.32	8	13	1.63	804	1	0.08	30	0.08	2	90	0.23	150	73	
642	160	0.2	4.27	14	244	0.2	5	1.39	0.2	42	27	29	104	5.36	0.32	9	15	1.41	793	1	0.07	29	0.09	2	92	0.22	167	76	
676E-643N	180	0.2	3.99	18	299	0.2	5	1.00	0.2	41	28	38	93	5.39	0.40	10	18	1.46	899	1	0.07	32	0.08	4	76	0.19	174	97	
676E-644N	165	0.2	4.36	17	322	0.2	5	1.05	0.2	41	30	31	135	5.56	0.43	9	19	1.43	1048	1	0.07	41	0.10	4	88	0.18	189	100	
645	120	0.2	4.03	14	325	0.2	5	1.09	0.2	38	28	36	124	5.31	0.46	8	19	1.55	983	1	0.07	30	0.09	4	62	0.18	173	81	
646	55	0.2	4.37	15	251	0.2	5	0.82	0.2	37	25	19	147	5.36	0.39	8	22	1.77	1132	1	0.06	27	0.09	5	40	0.24	166	97	
647	5	0.2	4.32	16	192	0.2	5	1.58	0.2	46	29	16	128	5.45	0.36	10	14	1.44	1572	2	0.06	26	0.12	4	91	0.26	167	92	
676E-648N	30	0.2	5.29	2	243	0.2	5	0.53	0.2	28	25	33	100	5.39	0.33	8	25	1.83	1088	1	0.04	26	0.12	4	31	0.23	169	93	
676E-649N	380	0.4	4.56	26	396	0.3	5	0.77	0.2	36	44	38	153	7.16	0.53	10	21	1.74	1330	1	0.06	36	0.10	5	56	0.18	188	97	
676E-650N	35	0.2	5.61	6	295	0.8	7	1.52	0.8	53	34	47	152	6.32	0.46	17	28	2.21	1096	1	0.10	40	0.10	9	78	0.25	206	120	
678E-640N	95	0.2	4.77	2	260	0.2	5	1.66	0.2	43	26	34	173	5.89	0.41	10	19	1.77	723	2	0.09	34	0.08	2	91	0.24	180	94	
641	40	0.2	4.78	2	269	0.2	5	1.70	0.2	42	23	32	149	5.88	0.41	10	17	1.70	1004	2	0.09	33	0.07	2	94	0.23	175	86	
678E-642N	80	0.2	4.11	4	197	0.2	5	1.54	0.2	46	23	27	98	5.45	0.34	10	20	1.66	891	1	0.07	25	0.09	2	79	0.27	173	91	
678E-643N	10	0.2	5.46	2	185	0.3	5	1.77	0.2	46	32	34	128	5.80	0.26	10	16	1.86	1321	1	0.07	30	0.17	2	97	0.28	177	94	
644	30	0.2	4.09	2	120	0.2	5	2.84	0.2	42	25	29	140	5.13	0.20	9	11	1.84	840	1	0.09	27	0.08	2	136	0.28	174	60	
645	15	0.2	5.51	4	121	0.2	5	1.92	0.2	40	28	43	99	5.75	0.15	9	15	2.00	815	1	0.05	38	0.12	2	115	0.38	171	86	
646	50	0.2	4.63	14	368	0.3	5	0.94	0.2	36	29	34	180	6.02	0.47	11	21	1.80	1175	1	0.07	33	0.10	6	59	0.21	182	96	
678E-647N	220	0.2	5.69	6	310	0.3	5	0.97	0.2	38	29	53	117	6.72	0.46	11	22	1.81	963	1	0.07	33	0.15	4	64	0.23	211	106	

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	9408-027 Pg. 4 of 4
678E-648N	50	0.2	5.39	8	329	0.3	5	0.93	0.2	36	29	43	97	6.18	0.48	10	21	1.72	889	1	0.08	34	0.13	2	65	0.21	187	113	
649	5	0.2	5.96	11	242	0.4	5	1.27	0.2	43	51	35	248	7.45	0.40	13	15	2.03	2213	3	0.05	41	0.20	2	85	0.27	189	140	
650	25	0.2	5.23	2	228	0.2	5	1.80	0.2	32	27	40	113	5.58	0.31	9	15	1.89	1051	1	0.08	34	0.11	2	89	0.26	170	98	
678E-651N	10	0.2	5.40	2	213	0.2	5	1.78	0.2	35	30	33	138	5.66	0.37	10	17	2.00	1187	1	0.09	35	0.09	2	84	0.24	166	116	
680E-639N	45	0.2	5.01	2	296	0.3	5	1.60	0.2	31	28	18	227	5.61	0.54	10	19	1.63	1200	5	0.13	23	0.11	2	103	0.21	160	167	
680E-640N	85	0.2	4.57	2	257	0.2	5	1.91	0.2	33	27	16	255	4.87	0.48	10	16	1.57	1382	3	0.11	19	0.09	2	109	0.23	153	143	
641	25	0.2	5.46	2	230	0.2	5	2.34	0.2	30	23	46	161	5.51	0.40	10	15	1.88	896	1	0.10	36	0.08	2	129	0.27	177	96	
642	25	0.2	5.10	2	229	0.2	5	2.11	0.2	30	22	31	109	5.27	0.38	10	13	1.63	798	1	0.08	26	0.11	2	116	0.27	168	80	
643	10	0.2	5.00	2	185	0.2	5	1.74	0.2	30	28	37	124	5.49	0.31	10	18	2.26	743	1	0.07	38	0.11	2	101	0.31	171	97	
680E-644N	5	0.2	5.06	2	167	0.3	5	1.87	0.2	45	26	44	126	5.52	0.25	11	17	2.36	761	1	0.06	37	0.10	2	102	0.32	183	87	
680E-645N	30	0.2	5.42	2	147	0.2	5	1.85	0.2	40	30	48	117	6.35	0.19	10	19	2.70	725	1	0.05	39	0.12	2	106	0.37	200	100	
646	50	0.2	6.11	2	191	0.2	5	1.61	0.2	47	33	40	158	6.21	0.37	10	26	2.27	1353	2	0.07	47	0.12	2	102	0.31	183	151	
647	75	0.2	6.55	2	167	0.3	5	1.50	0.2	40	25	51	122	6.42	0.27	10	20	2.40	667	1	0.05	44	0.15	2	76	0.34	192	112	
648	30	0.2	5.85	2	197	0.2	5	1.37	0.2	48	34	43	152	7.61	0.36	11	30	2.07	1840	8	0.07	32	0.18	2	78	0.38	197	157	
680E-649N	45	0.2	6.93	2	330	0.3	5	1.25	0.2	43	32	22	197	6.51	0.76	11	21	1.62	1360	14	0.15	29	0.19	11	89	0.21	175	164	
680E-650N	5	0.2	5.88	2	169	0.2	5	1.63	0.2	40	24	72	121	6.03	0.35	9	19	2.17	759	1	0.08	50	0.11	2	96	0.29	171	101	
680E-651N	150	0.2	4.96	2	257	0.2	5	1.50	0.2	45	24	55	209	6.12	0.57	11	15	1.36	838	3	0.13	32	0.11	4	108	0.15	139	112	

APPENDIX III
STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED
STATEMENT OF COSTS

PROJECT: DARB

DATE: NOVEMBER 1994

TYPE OF REPORT: GEOCHEMICAL/GEOPHYSICAL

- a) Wages:
- | | | |
|------------------|------------------------------|------------|
| No. of Mandays : | 11 mandays | |
| Rate per Manday: | \$152.73/manday | |
| Dates From : | August 4 to 6, 1994 | |
| Total Wages : | 11 mandays x \$152.73/manday | \$1,680.00 |
- b) Food & Accommodations:
- | | | |
|------------------|-----------------------------|-----------|
| No. of Mandays : | 13 mandays | |
| Rate per Manday: | \$30.00/manday | |
| Dates From : | August 4 to 6, 1994 | |
| Total Costs : | 13 mandays x \$30.00/manday | \$ 390.00 |
- c) Transportation:
- | | | |
|------------------|-----------------------------|-----------|
| No. of Mandays : | 11 mandays | |
| Rate per Manday: | \$32.82/manday | |
| Dates From : | August 4 to 6, 1994 | |
| Total Costs : | 11 mandays x \$32.82/manday | \$ 361.00 |
- 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: (See attached schedule)		\$1,959.60
f)	Cost of Preparation of Report:		
	Author :	2 mandays @ \$260.00/manday	\$520.00
	Drafting:	1 manday @ \$220.00/manday	\$220.00
	Typing :	1 manday @ \$180.00/manday	\$180.00
g)	Other:		
	Contractor:	Peter Walcott and Associates Magnetometer Survey (12.162 km)	\$1,734.84
	Contractor:	Pacific Western Helicopters Ltd. 2.4 hr @ \$702/km (including fuel)	\$1,700.00
		TOTAL COST	\$8,745.44
h)	Unit Costs for Linecutting:		
	No. of Mandays :	3.5 mandays	
	No. of Units :	14.425 line km	
	Unit Costs :	\$101.05/line km	
	Total Cost :	14.425 line km x \$101.05/line km	\$1,457.60
i)	Unit Costs for Geochemistry:		
	No. of Mandays :	7.5 mandays	
	No. of Units :	142 samples	
	Unit Costs :	\$35.80/sample	
	Total Cost :	142 samples x \$35.80/sample	\$5,083.00
j)	Unit Costs for Magnetometer Survey:		
	No. of Mandays:	1.5 mandays	
	No. of Units :	12.1625 line km	
	Unit Costs :	\$181.28/km	
	Total Costs :	12.162 line km x \$181.28/km	\$2,204.84
		GRAND TOTAL	\$8,745.44

NORANDA EXPLORATION COMPANY, LIMITED

DETAILS OF ANALYSIS COSTS

PROJECT: DARB

ELEMENT NO. OF DETERMINATIONS COST PER DETERMINATION TOTAL COSTS

ICP (30 Element)
+ Geochem Au 142 Soils \$13.80 \$1,959.60

GRAND TOTAL \$1,959.60

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 & Geoscientist of British Columbia.




D. G. Gill
D. Graham Gill, P. Geo.

STATEMENT OF QUALIFICATIONS

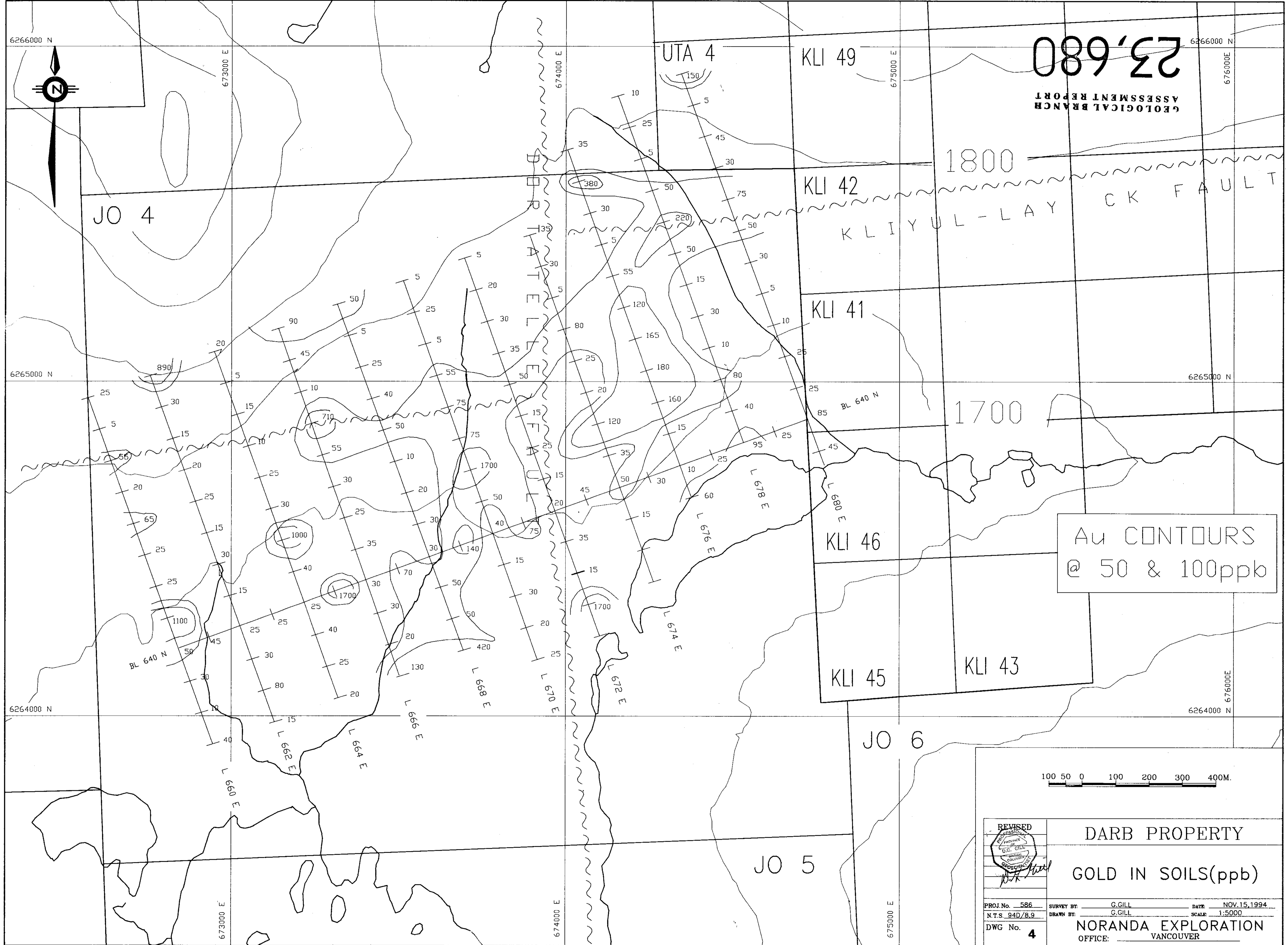
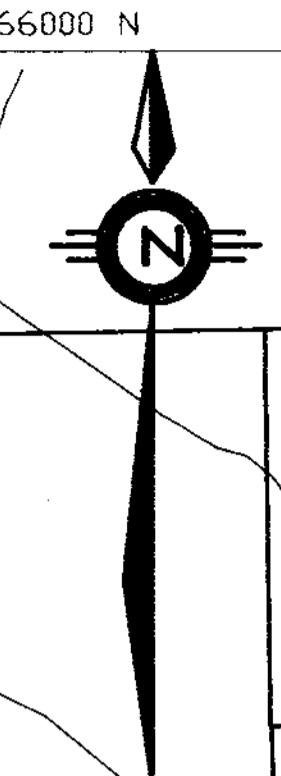
I, Kenneth A. Robertson, of the City of Delta, Province of British Columbia, hereby certify that:

1. I am a Professional Geophysicist residing at 7540 Garfield Drive, Delta, B.C. V4C 7L4.
2. I have graduated from the University of Toronto in 1977 with an H.B.Sc. in Geology and Physics.
3. I have worked in mineral exploration since 1975.
4. I have been a permanent employee of Noranda Exploration Company, Limited since February 1984.
5. I am a member in good standing of the Professional Engineers and Geoscientists of British Columbia.


Kenneth A. Robertson, P. Geo.

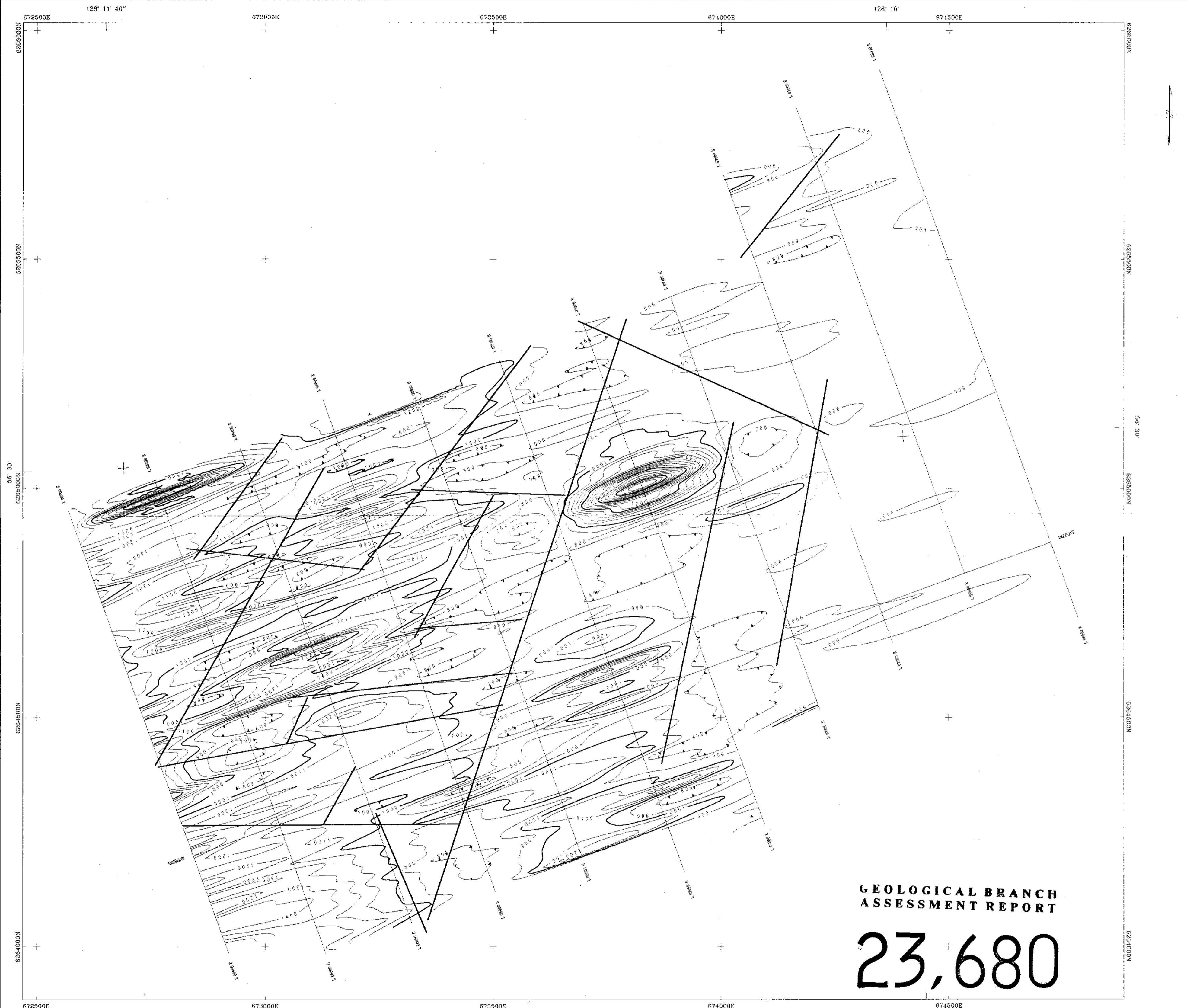
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GEOLOGICAL BRANCH
ASSESSMENT REPORT



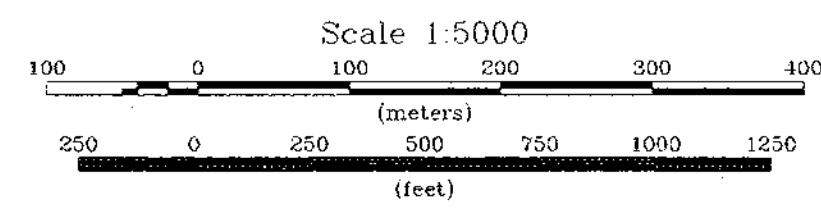
Au CONTOURS
@ 50 & 100ppb

<p>DARB PROPERTY</p> <p>GOLD IN SOILS(ppb)</p>		
PROJ. No. 586 N.T.S. 94D/8.9 DWG No. 4	SURVEY BY: G.GILL DRAWN BY: G.GILL	DATE: NOV. 15, 1994 SCALE: 1:5000
<p>NORANDA EXPLORATION</p> <p>OFFICE: VANCOUVER</p>		



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,680

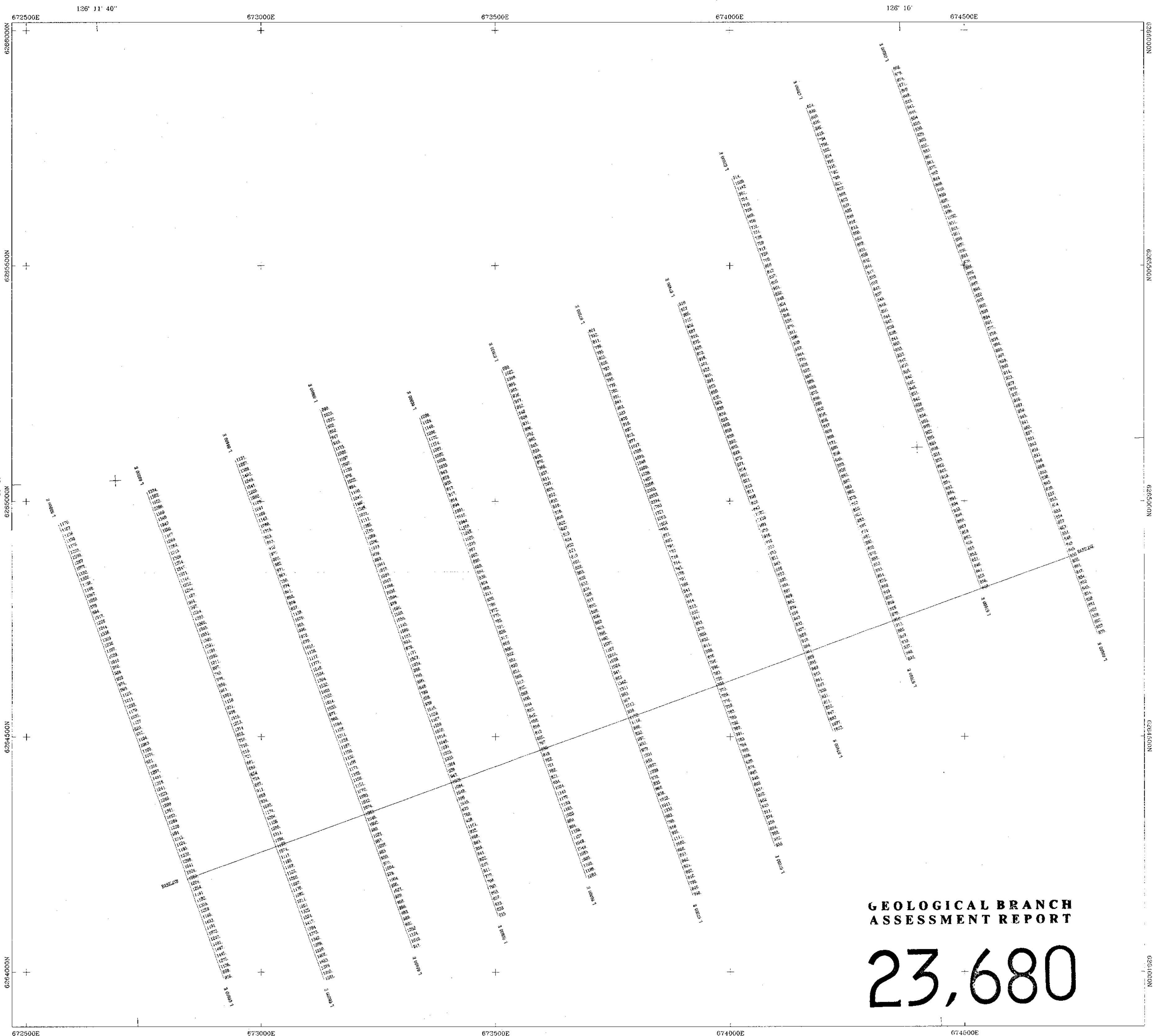


DARB GRID GROUND MAGNETICS
SURVEYED BY WALCOTT & ASSOC.
SEPTEMBER 1994

————— Interpreted Magnetic
Breaks

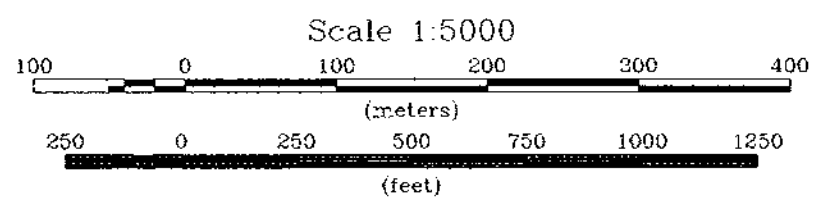
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[Handwritten Signature]



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,680



DARB GRID GROUND MAGNETICS
SURVEYED BY WALCOTT & ASSOC.
SEPTEMBER 1994

Datum of 57.00nT
subtracted from
readings.