

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
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GEOCHEMICAL, GEOLOGICAL AND MINERALOGICAL
Gold Commissioner's Office
VANCOUVER, B.C.

AND LINECUTTING

ASSESSMENT REPORT
ON THE

DARB NORTHWEST PROPERTY

N.T.S. MAPSHEETS 94D/8 & 9

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,073

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Operator: Hemlo Gold Mines Inc.
Date: October 6, 1995

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1.0 INTRODUCTION

From June 16 to June 28, 1995 a linecutting, mapping and soil and rock geochemistry programme was conducted by Hemlo Gold Mines Inc. on the Darb Northwest property.

The intent of this programme was to further delineate a subtle gold in soil geochemical anomaly identified in 1993 and partially followed up in 1994, and to determine, through geological mapping and rock geochemistry, the origin and structural controls of this anomaly.

1.1 Location and Access

The Darb Northwest property is located approximately 20 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.

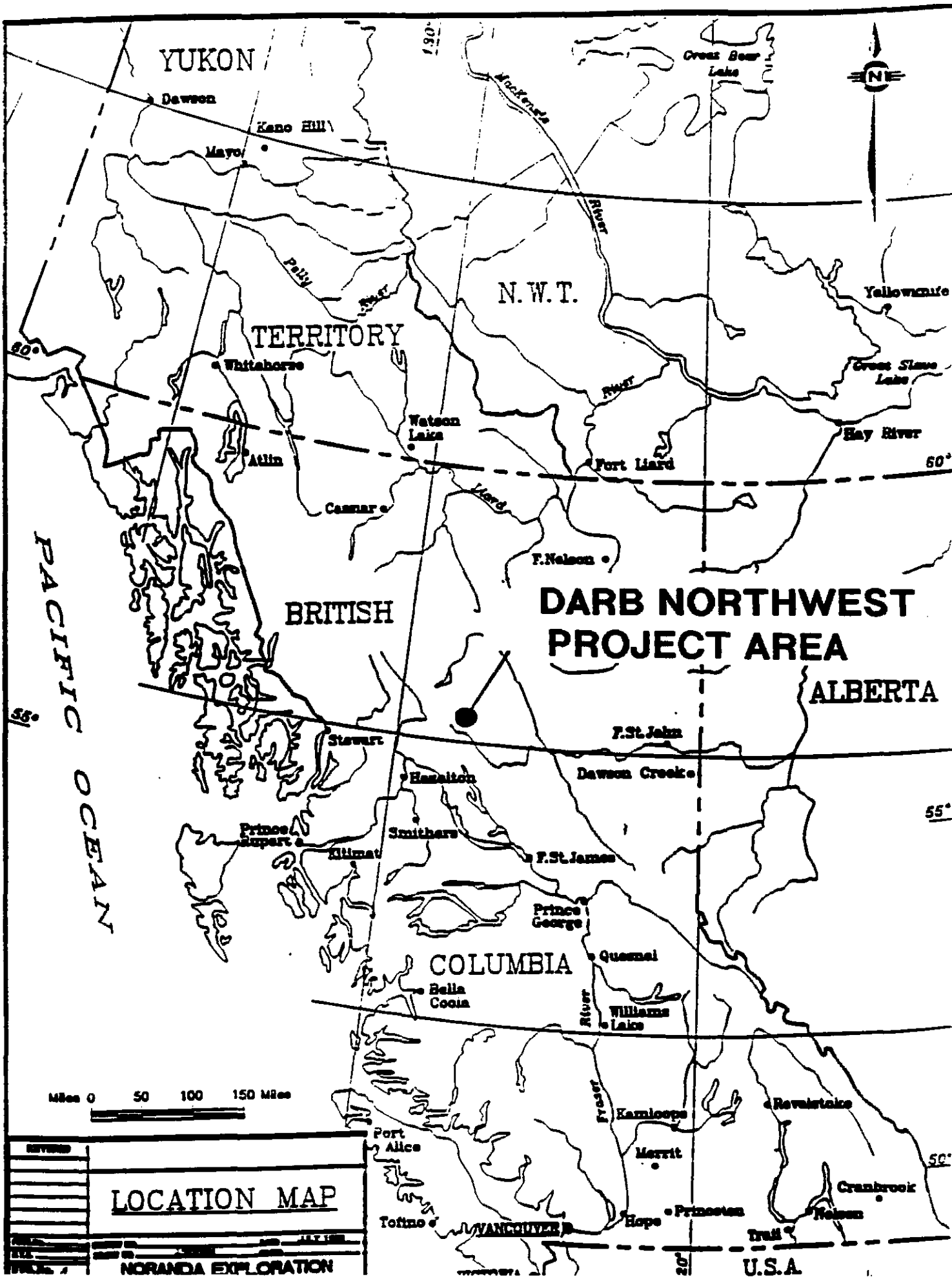
1.3 History

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.



YUKON

Dawson

Keno Hill

Mayo

TERRITORY

Whitehorse

Atlin

Cannan

Watson Lake

N.W.T.

Fort Liard

F. Nelson

DARB NORTHWEST PROJECT AREA

ALBERTA

F. St. John

Dawson Creek

Hazelton

Smithers

F. St. James

Prince Rupert

Kitimat

Prince George

COLUMBIA

Quamai

Bella Coola

Williams Lake

Kamloops

Revelstoke

Port Alice

Merritt

Tofino

VANCOUVER

Hope

Princeton

Trail

Cranbrook

Nelson

U.S.A.

Miles 0 50 100 150 Miles

LOCATION MAP

NORANDA EXPLORATION

- 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 Golden 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.
- 1994: Hemlo Gold Mines Inc. established 14.425 line kilometers of grid and collected 142 soil samples at 100 meter sample spacings.

1.4 Claims

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

<i>CLAIM</i>	<i>TENURE NO.</i>	<i>UNITS</i>	<i>EXPIRY DATE</i>	<i>OWNER</i>
Jo 4	242396	20	July 13, 1998	Hemlo Gold Mines Inc.
Jo 5	242397	20	July 13, 1997	Hemlo Gold Mines Inc.
Jo 6	242398	18	July 12, 1998	Hemlo Gold Mines Inc.
Jo 7	242399	15	July 12, 1997	Hemlo Gold Mines Inc.
Jo 8	242400	20	July 12, 1997	Hemlo Gold Mines Inc.
*Yul 14	318891	1	July 6, 2005	Hemlo Gold Mines Inc.

*This claim has been grouped with the above mentioned claims in order to keep the claim group contiguous. No assessment is being applied to the Yul 4 claim.

1.5 Economic Potential

The patchy nature of the gold in soil geochemical anomaly and low gold values in rocks suggest that limited potential exists on this property for fault controlled gold occurrences.

Further investigation is hampered by a 3-10 meter thick layer of glacial debris and meltwater deposited sediments in the area of the gold in soil geochemical anomaly.

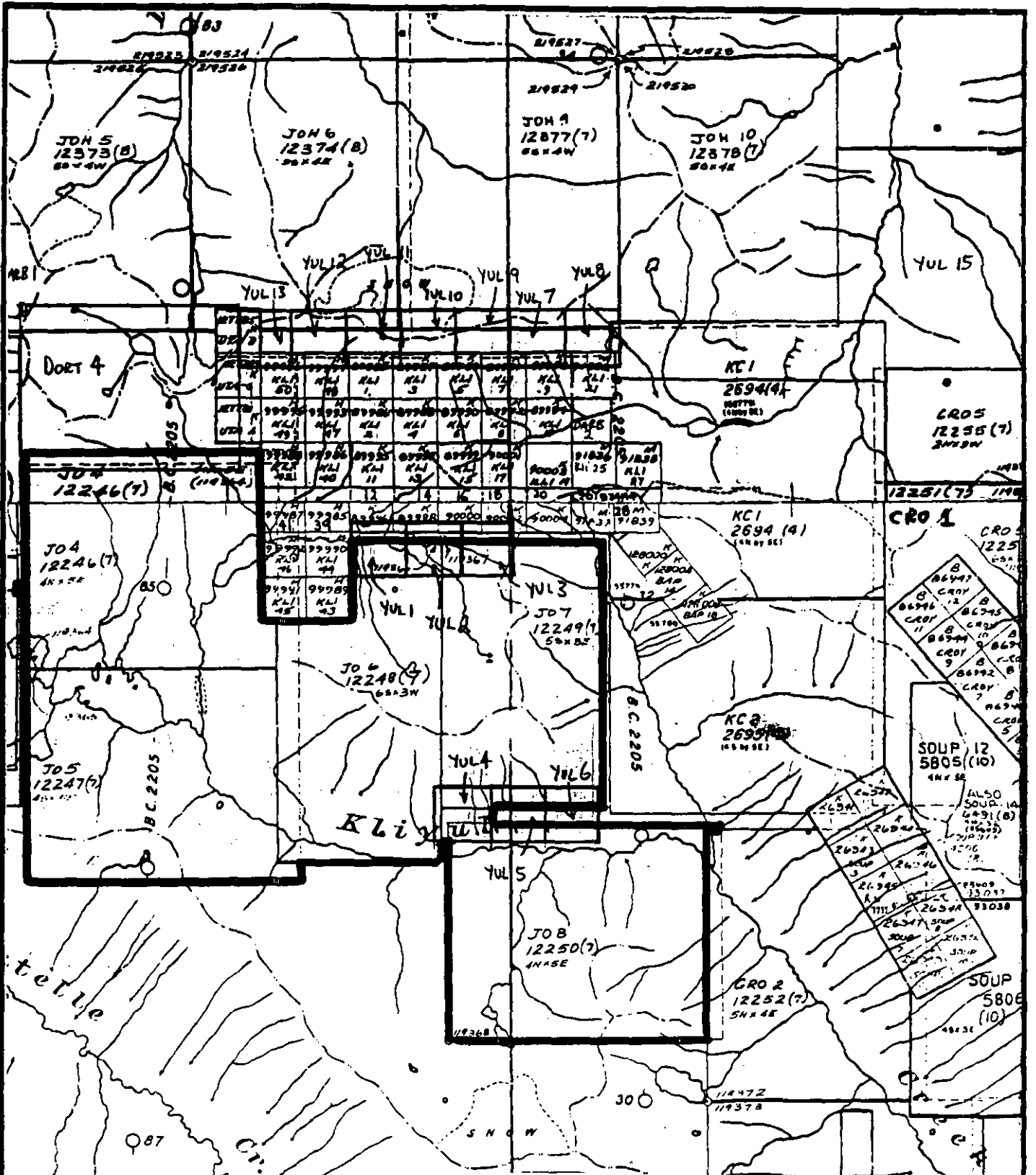
1.6 Survey Control

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 such as lakes and drainages. All lines were slope corrected. A total of 12.025 line kilometers of grid was established in 1995.

1.7 Sampling

Soil samples were taken at 50 meter intervals along newly established, metrically chained grid lines and at 100 meter intervals along lines established in 1994 resulting in an overall sample density of 50 m intervals along 100 meter spaced grid lines.

Soils were collected at depths from between 5 and 80 centimeters and placed 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. A total of 345 soil samples and 24 rock samples were collected.



REVISED	CLAIM LOCATION	
	DARB NORTHWEST	
	BELT 2 GROUP	
PROJ. No. 186	SURVEY BY: DGG	DATE: OCT. 1995
N.T.S. 1/10000	DRAWN BY: DGG	SCALE: 1:50,000
DWG. No. 2	HEMLO GOLD MINES INC.	
	OFFICE: VANCOUVER	

NCI-774

Refer to Appendix I for laboratory analytical techniques and Appendix II for sample assay results and descriptions where applicable.

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.

2.2 Property Geology (See Drawing #4)

The Darb Northwest property consists of 6 fault bounded blocks, the NW, SW, N Central, S Central, SE, and SW blocks. Two steeply west dipping, south striking faults, the Dortatelle Fault to the east and a minor(?) unnamed fault to the west, separate the central blocks from the east and west blocks. A probable west striking fault, the Kliyul-Lay Creek Fault divides the northern blocks from the southern. Outcrop on the property is generally limited; the sense of motion across the faults is unknown. The Kliyul-Lay Creek fault may or may not be offset by the south striking faults. Only the unnamed fault is seen in outcrop.

The northeast block consists mainly of a mixed unit of grey-green, gently north dipping andesite lapilli tuffs and greywacke sediments. A suspected fault trends northwest across the extreme northeast corner of the property separating this unit from pyritic dark grey andesites associated with the massive andesite assemblage to the east. Mineralization in the mixed unit is weak to nonexistent, consisting of 1-2% pyrite.

The southeast block consists of green lapilli tuffs with minor augite porphyry and may be steeply west dipping. Outcrop is extremely limited. Two diorite dykes are seen in previously sampled carbonate altered tuffs in the south adjacent to the Dortatelle Fault, and a feldspar porphyry dyke is seen in the central part of the block in a creek exposure. Weak chloritic and sericitic(?) alteration are also seen.

DARB LAKE

DORTATELLE FAULT

LAY CK



4

2

4

2

KLIYUL CLAIMS

KLIYUL-LAY CK FAULT

2

KLIYUL CK.

SOUP CLAIMS

4

**DARB NORTHWEST
BELT 2 GROUP**

3

DORTATELLE CK.

2

3

2

LEGEND

INTRUSIVES

[4] DIORITE, MONZONITE, SYENITE

[3] ULTRAMAFIC ROCKS (PYROXENITE)

TAKI A VOLCANICS (UP. TRIASSIC)

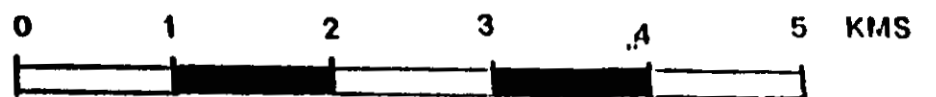
[2] ANDESITES

[1] SEDIMENTS (ss., arg. lst.)

3

REGIONAL GEOLOGY

KLIYUL CREEK AREA



★ OCCURRENCES

SCALE 1:50,000

The weak to moderately foliated steeply west dipping South-Central block consists of 2 units: one in the east of primarily grey andesite tuffs with minor green volcanic sediments and dark grey augite porphyry, and one to the west of mainly augite porphyry with lesser andesite tuffs. A small diorite intrusion lies adjacent to the Dortatelle Fault and a diorite dyke is seen nearby in the andesites. Another lies to the west near the unnamed fault. 3% pyrite is seen throughout, and quartz veins are frequent in the andesite/sediment unit near the Dortatelle Fault. These contain epidote and in 2 cases have flooded the host with silica. Veins are up to 1 meter wide and are near vertical, striking north sub-parallel to foliation and bedding. Widespread weak chloritic alteration and local moderate sericitic alteration are seen throughout this block.

The N-Central, NW, and SW blocks are composed of steeply west dipping foliated augite porphyry and andesite tuffs. Foliations also dip steeply to the west. The N-Central block is sporadically quartz veined as in the S-Central block, and contains diorite dykes and sills adjacent to the two N-striking faults. The NW and SW blocks lie mainly off the grid and were not mapped fully, but appear to be weakly mineralized with pyrite and local magnetite along the unnamed fault. A small gossan zone is also seen here. This fault appears to terminate the soil geochemical anomaly previously thought to be related to the west trending Kliyul-Lay Creek Fault.

3.0 GEOCHEMISTRY

A total of 345 soil samples were collected during this survey and of the elements analyzed for only gold revealed anomalous values which are plotted and contoured at 50 & 100 ppm contour intervals on Drawing #5.

Several patchy and irregular shaped 50 ppb gold in soil anomalies occur in a rough NE-SW trend from line 680E through 660E which parallels the valley floor. This trend also contains a smaller NNE-SSW pattern which mimics SSW flowing creeks (possible structures) that can be seen on line 665E/637N, line 667E/639N through line 671E/645N.

Contouring of the gold values at 100 ppb reveals increasingly smaller and less linear anomalies as seen from the 1994 soil survey which had a sample spacing of 100 meters.

No strong evidence of the postulated E-W trending, Kliyul-Lay Creek fault can be seen in the updated soil anomalies nor is there an apparent N-S component which was earlier thought to trace the Dortatelle fault or a subparallel splay of the latter.

Twenty-four rock samples were taken during this programme with gold values ranging from 5 ppb to 35 ppb. The majority of these samples were taken from areas outside the soil geochemical anomalies as sparse to nonexistent outcrops were encountered within the anomalous regions.

4.0 CONCLUSIONS

1. The Darb Northwest property consists of 6 fault-bounded blocks of mixed sediments and volcanics with minor dioritic intrusions.
2. A 50 ppb gold in soil anomaly trends NE-SW and parallels the main valley floor. Superimposed on this anomaly are minor NNE-SSW gold in soil anomalies which appear restricted to small drainages which may reflect a common fracture/fault orientation.
3. Small >100 ppb gold anomalies are patchy and irregular and are limited in extent.
4. A strong glaciofluvial component is suspected for the origin of these anomalies.
5. Mineralization in rocks is generally weak and consists of 1-3% pyrite with gold values from 5 to 35 ppb. Several, short, fairly discontinuous, 1 m wide quartz veins were observed in the southern sections of the grid only.
6. Due to the suspected glaciofluvial origin to the soil anomalies and lack of mineralization and alteration seen, no further work is recommended in this area of the Darb Northwest property.

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Soil Geochemistry on the Bap 10, 14, 18 Mineral Claims, C.M. Rebagliati, P.Eng., 1986.

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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

GEOCHEMICAL RESULTS & DESCRIPTIONS

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: DARB - 186 (HEMLO)
Material: 95 Soils
Remarks: * Sample screened @ -35 MESH (0.5 mm)

Geol.: G.G.
Sheet: 1 of 3

Date received: JULY 14
Date completed: JULY 18

LAB CODE: 9507-023
R # 345557/R/9

□ Organic, Δ Humus, S Sulfide

Au - silt & soil, 15.0 g sample digested with aqua-regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 5 PPB)

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. 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	660E-63850N	84	0.2	4.66	7	216	0.5	5	1.43	0.4	44	23	46	95	5.35	0.35	13	19	1.94	795	1	0.07	40	0.08	2	87	0.25	185	82
4	660E-63950N	422	0.2	4.34	9	322	0.5	5	1.00	0.4	45	24	38	121	5.75	0.38	15	26	2.04	1014	1	0.06	40	0.07	3	67	0.25	208	91
5	660E-64050N	14	0.2	5.21	5	254	0.6	5	0.99	0.2	40	21	42	93	5.35	0.38	13	21	1.75	760	1	0.06	37	0.11	2	62	0.21	178	87
6	660E-64150N	214	0.2	5.18	4	230	0.6	5	1.18	0.2	42	20	39	65	5.37	0.32	13	26	1.93	635	1	0.07	38	0.09	3	64	0.25	180	92
7	660E-64250N	4	0.2	3.71	2	236	0.3	5	0.80	0.2	41	13	11	49	4.71	0.37	14	38	1.38	779	1	0.06	7	0.11	2	35	0.33	129	106
8	660E-64350N	2	0.2	4.75	2	128	0.4	5	1.30	0.3	38	20	15	81	5.33	0.23	11	36	1.95	1148	1	0.11	14	0.10	2	36	0.27	142	131
9	661E-63850N	480	0.2	4.87	3	190	0.5	5	1.60	0.5	45	24	48	111	5.27	0.29	13	19	2.13	714	1	0.07	44	0.08	2	92	0.25	190	80
10	661E-63900N	6	0.2	5.13	2	90	0.4	5	2.03	0.5	45	27	40	169	5.05	0.16	14	18	2.30	755	1	0.03	46	0.08	2	109	0.30	201	78
11	661E-63950N	42	0.2	4.91	3	240	0.5	5	1.41	0.3	41	25	47	121	5.37	0.36	12	20	2.07	896	1	0.07	44	0.07	2	86	0.25	189	75
12	661E-64050N	24	0.2	4.69	3	186	0.5	5	0.99	0.3	38	19	45	67	5.30	0.27	13	20	1.75	981	1	0.05	30	0.16	2	70	0.27	188	92
13	661E-64100N	2	0.2	5.59	2	234	0.4	5	0.46	0.3	29	21	15	36	6.34	0.33	12	37	2.01	902	1	0.03	13	0.10	2	26	0.32	192	109
14	661E-64150N	88	0.2	5.30	11	312	0.7	5	1.16	0.8	55	34	44	453	6.83	0.47	19	46	2.60	1365	1	0.06	53	0.13	4	69	0.30	215	138
15	661E-64200N	102	0.2	4.84	12	211	0.7	5	0.78	0.3	39	20	33	60	6.09	0.29	13	23	1.44	892	1	0.05	22	0.11	6	57	0.25	176	74
16	661E-64250N	10	0.2	5.24	2	182	0.5	5	1.71	0.8	40	24	20	358	5.94	0.34	13	71	2.72	773	1	0.17	32	0.12	2	56	0.32	224	160
17	661E-64300N	42	0.2	3.74	4	289	0.3	5	1.59	0.7	38	40	16	257	6.39	0.49	14	28	2.66	1511	3	0.12	31	0.11	2	81	0.31	224	128
18	661E-64350N	2	0.2	5.22	2	235	0.3	5	1.13	0.8	36	36	89	125	6.83	0.23	16	57	4.19	1105	1	0.03	86	0.09	2	40	0.36	311	98
19	661E-64400N	10	0.2	4.44	2	175	0.5	5	2.04	0.5	41	16	31	121	5.06	0.21	14	56	1.23	717	1	0.08	20	0.18	2	91	0.23	166	102
20	662E-63850N	24	0.2	4.45	2	287	0.5	5	1.16	0.5	36	20	43	124	5.10	0.45	14	21	2.01	601	1	0.06	42	0.06	2	69	0.22	180	84
21	662E-63950N	16	0.2	4.66	7	231	0.5	5	0.94	0.3	35	26	49	97	5.56	0.30	12	19	1.87	1774	1	0.04	36	0.13	2	68	0.27	193	91
22	662E-64050N	72	0.2	4.82	6	289	0.5	5	0.99	0.3	39	22	45	100	5.20	0.45	13	20	1.80	807	1	0.06	43	0.08	3	70	0.23	180	81
23	662E-64150N	38	0.2	4.43	6	237	0.4	5	1.17	0.2	38	21	41	73	4.99	0.37	12	17	1.53	824	1	0.06	33	0.08	4	72	0.21	163	75
24	662E-64250N	120	0.2	5.40	5	220	0.6	5	1.04	0.6	41	26	39	99	5.49	0.30	13	28	1.73	725	1	0.05	30	0.10	2	59	0.25	168	88
25	662E-64350N	38	0.2	4.63	2	243	0.4	5	1.25	0.4	41	23	20	125	5.87	0.43	14	59	2.09	1101	1	0.07	23	0.09	2	55	0.29	187	103
26	663E-63850N	18	0.2	4.81	2	170	0.6	5	1.04	0.4	42	18	49	65	5.31	0.25	14	22	2.02	608	1	0.05	28	0.11	2	71	0.30	207	99
27	663E-63900N	52	0.2	5.01	2	229	0.5	5	1.13	0.2	40	20	41	70	5.66	0.37	14	21	1.88	715	1	0.05	30	0.10	3	78	0.32	211	92
28	663E-63950N	26	0.2	5.62	4	232	0.7	5	0.97	0.2	44	27	39	110	6.07	0.30	15	27	1.99	1216	1	0.04	36	0.13	2	68	0.31	185	100
29	663E-64050N	18	0.2	5.03	2	231	0.5	5	0.95	0.2	39	27	46	101	5.74	0.35	13	24	2.11	1730	1	0.05	38	0.13	3	66	0.26	196	110
30	663E-64100N	6	0.2	4.96	2	194	0.6	5	0.65	0.2	40	18	41	57	5.25	0.28	13	21	1.39	1477	1	0.05	22	0.19	3	50	0.24	159	94
31	663E-64150N	20	0.2	4.53	2	174	0.4	5	0.66	0.3	29	23	47	100	5.61	0.24	11	21	1.95	1250	1	0.04	34	0.15	2	44	0.29	187	94
32	663E-64200N	24	0.2	5.32	3	165	0.5	5	0.61	0.2	24	27	18	109	6.25	0.48	10	60	3.20	899	1	0.11	23	0.05	2	23	0.39	243	78
33	663E-64250N	16	0.2	5.27	4	215	0.5	5	0.63	0.3	31	29	38	101	6.52	0.30	12	36	2.08	1424	1	0.04	34	0.10	2	32	0.32	185	101
34	663E-64300N	62	0.2	5.88	31	251	0.6	5	1.01	1.0	55	32	29	156	6.75	0.47	15	28	1.90	2144	1	0.07	36	0.13	6	40	0.23	167	212
35	663E-64350N	22	0.2	5.21	2	353	0.5	5	0.13	0.2	29	21	7	297	9.91	0.66	13	15	0.68	1545	2	0.03	2	0.19	2	10	0.04	57	45
36	663E-64400N	46	0.2	4.53	8	336	0.5	5	1.28	0.3	39	25	40	129	5.86	0.54	14	29	2.20	955	1	0.09	43	0.08	3	62	0.24	194	96
37	664E-63500N	42	0.2	5.08	5	275	0.5	5	1.91	0.4	42	24	31	145	5.46	0.43	14	32	1.97	922	1	0.09	38	0.08	2	92	0.27	184	85

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 H. Hoff

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	0607-023 Pg. 2 of 3
38	664E-63550N	26	0.2	5.00	8	305	0.6	5	1.25	0.2	41	25	40	110	5.54	0.46	13	22	1.95	1072	1	0.06	37	0.10	4	82	0.24	193	92	
39	664E-63600N	32	0.2	4.85	2	241	0.5	5	0.95	0.2	37	24	59	151	5.83	0.34	15	22	2.65	657	1	0.05	43	0.08	2	52	0.31	205	95	
40	664E-63650N	20	0.2	4.77	4	234	0.5	5	1.30	0.3	37	20	46	71	4.91	0.38	13	20	1.74	704	1	0.06	30	0.09	4	80	0.25	181	75	
41	664E-63750N	92	0.2	4.55	2	207	0.5	5	1.21	0.5	35	21	34	90	5.50	0.31	12	26	2.05	957	1	0.06	28	0.09	2	67	0.26	183	111	
42	664E-63850N	32	0.2	4.71	7	211	0.5	5	0.92	0.4	37	25	34	125	5.77	0.32	14	22	2.02	1190	1	0.04	35	0.10	2	62	0.27	184	90	
43	664E-63950N	24	0.2	4.64	2	220	0.5	5	0.82	0.4	31	19	36	78	5.20	0.29	12	21	1.53	966	1	0.04	24	0.16	3	58	0.24	167	79	
44	664E-64050N	64	0.2	4.27	11	244	0.5	5	1.13	0.5	31	24	36	108	5.90	0.36	13	34	2.10	947	1	0.06	36	0.07	2	60	0.26	193	89	
45	664E-64150N	178	0.2	4.78	7	187	0.5	5	0.86	0.3	30	18	40	60	5.59	0.25	12	24	1.56	893	1	0.04	24	0.14	4	59	0.26	168	82	
46	664E-64250N	20	0.2	5.00	8	209	0.6	5	0.80	0.2	31	25	32	99	5.54	0.32	14	25	1.81	1546	1	0.06	27	0.13	4	50	0.26	173	99	
47	664E-64350N	4	0.2	7.44	2	143	0.3	5	2.45	0.4	26	26	21	71	4.96	0.29	9	45	2.06	854	1	0.26	30	0.09	3	46	0.25	139	86	
48	664E-64450N	22	0.2	4.70	2	182	0.5	5	0.67	0.3	28	18	27	99	5.24	0.29	12	25	1.65	959	1	0.05	21	0.13	3	41	0.23	160	89	
51	664E-64550N	18	0.2	4.50	2	188	0.4	5	1.47	0.4	35	19	29	85	5.16	0.33	12	44	1.90	1088	1	0.08	22	0.15	2	48	0.28	178	120	
52	664E-64650N	20	0.2	4.65	2	207	0.4	5	0.67	0.4	30	19	26	86	5.58	0.31	12	29	1.94	1326	1	0.07	21	0.12	2	28	0.27	172	114	
53	664E-64750N	26	0.2	4.55	2	276	0.4	5	0.71	0.3	29	21	20	68	5.93	0.51	11	26	2.08	1412	1	0.06	18	0.11	2	28	0.27	190	108	
54	665E-63500N	62	0.2	4.40	2	234	0.5	5	1.42	0.2	40	18	40	85	5.22	0.35	14	22	1.89	669	1	0.05	33	0.10	2	84	0.26	183	96	
55	665E-63550N	260	0.2	3.66	14	223	0.6	5	1.22	0.4	41	22	40	140	10.62	0.22	17	22	1.61	1028	25	0.04	23	0.11	2	56	0.22	188	111	
56	665E-63600N	26	0.2	4.75	2	268	0.5	5	1.16	0.4	38	23	35	107	5.46	0.39	15	23	2.05	914	1	0.06	36	0.06	2	67	0.26	204	81	
57	665E-63650N	82	0.2	4.43	2	253	0.5	5	1.30	0.5	38	22	38	116	5.23	0.38	15	22	1.91	771	1	0.06	40	0.07	2	91	0.24	180	81	
58	665E-63700N	1380	0.2	4.01	4	239	0.5	5	1.33	0.2	39	25	37	106	5.01	0.35	14	23	1.82	725	1	0.07	30	0.08	3	77	0.22	177	96	
59	665E-63750N	718	0.4	4.76	29	231	0.5	5	1.39	0.5	40	27	43	132	5.80	0.37	16	38	2.20	966	1	0.07	43	0.09	3	74	0.26	206	94	
60	665E-63800N	30	0.2	5.10	2	200	0.5	5	0.84	0.6	32	22	51	78	4.88	0.33	13	18	1.59	1047	1	0.04	32	0.13	2	54	0.21	158	76	
61	665E-63850N	38	0.2	4.54	2	217	0.5	5	1.22	0.3	36	20	35	97	5.47	0.30	13	26	2.06	914	1	0.06	29	0.09	2	64	0.26	180	110	
62	665E-63900N	58	0.2	4.54	6	219	0.5	5	1.08	0.2	37	25	44	82	5.69	0.33	12	21	1.73	1140	1	0.05	34	0.09	2	73	0.25	183	78	
63	665E-63950N	18	0.2	4.68	2	205	0.6	5	1.35	0.4	43	22	45	84	5.95	0.28	15	29	2.29	895	1	0.06	37	0.12	2	73	0.29	200	96	
64	665E-64050N	110	0.2	5.45	12	170	0.6	5	0.84	0.2	37	20	40	94	5.25	0.25	13	23	1.68	891	1	0.05	30	0.15	3	53	0.27	163	89	
65	665E-64100N	60	0.2	5.47	2	182	0.5	5	0.70	0.2	32	18	35	78	5.28	0.27	11	26	1.69	791	1	0.04	22	0.15	3	47	0.26	167	85	
66	665E-64150N	22	0.2	5.06	2	190	0.6	5	1.16	0.3	39	20	32	88	5.60	0.38	13	28	2.00	967	1	0.06	24	0.14	2	43	0.24	186	109	
67	665E-64200N	44	0.2	5.14	5	202	0.5	5	1.25	0.3	36	26	24	123	6.04	0.36	13	26	2.19	1327	1	0.07	28	0.08	2	53	0.29	193	102	
68	665E-64250N	54	0.2	5.32	5	213	0.7	5	0.83	0.3	36	24	35	88	5.43	0.32	13	28	1.78	995	1	0.05	31	0.11	2	47	0.24	171	96	
69	665E-64300N	12	0.2	4.06	2	61	0.6	5	1.43	0.5	46	25	18	229	5.74	0.10	17	35	2.44	803	1	0.07	26	0.08	2	90	0.35	221	94	
70	665E-64350N	20	0.2	4.94	2	174	0.5	5	0.96	0.2	29	20	31	68	5.50	0.31	12	28	1.82	1004	1	0.05	22	0.13	2	43	0.27	170	98	
71	665E-64400N	30	0.2	4.93	2	227	0.5	5	0.82	0.3	31	23	35	106	5.67	0.39	12	27	1.94	1567	1	0.06	25	0.18	2	45	0.26	186	113	
72	665E-64450N	10	0.2	4.88	2	200	0.5	5	0.98	0.3	36	14	34	53	5.15	0.24	11	31	1.67	881	1	0.05	21	0.18	2	60	0.29	165	108	
73	665E-64500N	46	0.2	5.24	5	247	0.6	5	0.61	0.5	32	25	33	102	6.15	0.47	12	29	2.14	1405	1	0.06	30	0.11	2	40	0.26	186	112	
74	665E-64550N	60	0.2	5.49	2	293	0.6	5	1.17	0.6	32	28	28	155	6.17	0.71	12	30	2.47	1233	1	0.09	29	0.07	2	48	0.23	187	123	
75	665E-64600N	112	0.2	5.04	21	208	0.5	5	0.58	0.4	29	24	22	119	6.63	0.44	14	36	2.03	1353	1	0.10	19	0.10	2	29	0.27	194	123	
76	665E-64650N	36	0.2	5.40	2	207	0.5	5	1.25	0.4	37	27	42	106	6.69	0.47	14	39	2.44	1371	1	0.22	39	0.10	2	49	0.32	197	129	
77	665E-64700N	118	0.2	5.22	2	584	0.5	5	0.20	1.1	27	14	13	32	7.07	1.04	14	34	1.25	2337	7	0.04	8	0.18	9	15	0.20	106	194	
78	665E-64750N	40	0.2	4.82	2	250	0.4	5	0.75	0.4	28	25	37	94	6.36	0.55	12	37	2.61	1329	1	0.07	36	0.08	2	30	0.25	212	120	
79	665E-64800N	22	0.2	4.73	2	307	0.5	5	0.82	0.5	36	25	30	147	6.38	0.47	16	34	2.18	2962	1	0.07	30	0.13	2	25	0.26	184	125	
80	666E-63500N	14	0.2	4.25	2	174	0.5	5	1.75	0.5	41	20	45	68	5.43	0.24	16	21	2.16	944	1	0.05	31	0.14	2	97	0.29	198	112	
81	666E-63600N	20	0.2	5.05	2	263	0.6	5	1.22	0.2	41	23	41	140	5.61	0.35	14	22	2.16	735	1	0.06	42	0.10	2	75	0.29	196	88	
82	666E-64150N	24	0.2	4.62	2	219	0.4	5	1.04	0.3	32	17	22	80	5.41	0.40	11	28	2.01	754	1	0.07	19	0.10	2	47	0.27	181	118	
83	666E-64250N	44	0.2	5.81	2	295	0.6	5	0.99	0.2	41	33	41	213	6.39	0.52	15	30	2.60	1436	1	0.07	51	0.08	2	58	0.24	195	105	
84	666E-64350N	20	0.2	5.21	2	213	0.4	5	0.92	0.4	34	18	28	66	5.52	0.34	12	29	1.82	784	1	0.06	23	0.12	2	39	0.26	170	87	

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	9307-023 Pg. 3 of 3
85	666E-64450N	22	0.2	5.74	2	184	0.5	5	0.94	0.3	35	21	27	104	5.77	0.26	12	27	1.72	1026	1	0.05	24	0.13	2	48	0.29	197	94	
86	666E-64550N	10	0.2	5.74	2	96	0.4	5	2.93	0.4	42	15	16	60	5.33	0.11	12	28	1.58	659	1	0.05	16	0.11	2	211	0.33	230	98	
87	666E-64650N	262	0.2	5.35	2	228	0.4	5	1.43	0.4	33	27	24	92	5.89	0.45	11	39	2.42	1318	1	0.15	30	0.10	2	46	0.26	162	107	
88	666E-64750N	48	0.2	5.58	7	295	0.8	5	0.77	0.6	32	30	34	148	6.85	0.66	15	34	2.85	1800	1	0.07	38	0.08	2	29	0.17	214	138	
89	666E-64850N	40	0.2	4.58	2	278	0.4	5	0.97	0.5	33	22	24	95	5.58	0.49	13	31	2.28	1285	1	0.10	28	0.08	2	41	0.25	168	116	
90	668E-64250N	66	0.2	4.79	2	309	0.6	5	0.82	0.2	33	27	32	130	5.96	0.45	13	27	1.84	1363	1	0.07	33	0.09	3	54	0.22	183	97	
91	668E-64350N	64	0.2	5.16	2	177	0.5	5	1.27	0.2	35	18	20	81	5.55	0.27	12	29	1.90	1032	1	0.05	18	0.13	2	84	0.27	176	121	
92	668E-64450N	28	0.2	4.97	2	227	0.6	5	0.64	0.3	32	21	29	81	5.54	0.35	12	26	1.62	1952	1	0.05	21	0.16	2	42	0.24	168	114	
93	668E-64550N	38	0.2	5.35	2	214	0.6	5	0.87	0.2	34	18	25	81	5.48	0.45	12	26	1.89	986	1	0.06	20	0.10	2	40	0.24	166	107	
94	680E-63900N	116	0.2	5.42	2	316	0.6	5	1.71	0.4	43	26	26	222	5.83	0.60	13	23	1.85	1262	5	0.15	23	0.11	2	111	0.22	166	166	
95	680E-63950N	92	0.2	5.68	2	327	0.6	5	1.45	0.2	39	26	14	240	6.68	0.60	14	21	1.71	935	9	0.17	18	0.12	2	104	0.20	161	141	
96	680E-64050N	24	0.2	5.27	2	200	0.4	5	2.12	0.2	40	18	27	136	5.01	0.38	13	16	1.93	784	1	0.09	32	0.09	2	111	0.26	159	86	
97	680E-64150N	20	0.2	5.47	2	252	0.5	5	2.06	0.2	38	24	27	171	5.43	0.43	13	18	2.05	979	1	0.10	37	0.07	2	115	0.27	167	102	
98	680E-64250N	96	0.2	4.28	6	257	0.5	5	1.66	0.2	39	15	31	102	4.16	0.40	14	20	1.70	539	2	0.08	24	0.07	2	92	0.24	172	73	
101	680E-64375N	18	0.2	6.22	2	247	0.6	5	1.36	0.2	38	40	75	247	6.48	0.35	13	22	2.63	1051	7	0.07	49	0.11	2	81	0.31	167	128	

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: DARB - 186 (HEMLO)

Geol.: G.G.

Date received: JUNE 27

LAB CODE: 9506-028

Material: 242 Soils

Sheet: 1 of 6

Date completed: JULY 04

R #34551-4/34578

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

□ Organic, & Humus, S Sulfide

Au - silt & soil, 15.0 g sample digested with aqua-regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 5 PPB)

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. 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	66600E-63550N	118	0.2	4.69	2	257	0.5	5	1.41	0.2	31	19	46	79	5.97	0.38	14	23	1.98	598	1	0.06	32	0.09	2	73	0.29	190	107
4	66600E-63650N	28	0.2	4.51	4	251	0.5	5	1.48	0.3	31	19	50	107	5.72	0.37	13	21	2.03	589	1	0.06	36	0.08	2	76	0.28	191	91
5	66600E-63750N	24	0.2	5.05	4	195	0.5	5	1.35	0.4	30	19	59	57	5.72	0.32	13	16	1.65	724	1	0.05	28	0.13	2	80	0.27	189	70
6	66600E-63850N	18	0.4	4.96	6	252	0.5	5	1.53	0.3	32	24	57	119	5.98	0.37	14	20	2.38	867	1	0.06	48	0.08	2	81	0.28	205	84
7	66600E-63950N	14	0.2	5.07	2	262	0.5	5	1.26	0.2	31	20	61	72	5.76	0.39	13	20	1.94	855	1	0.06	33	0.12	2	70	0.28	195	79
8	66600E-64050N	28	0.4	4.96	2	221	0.6	5	1.04	0.3	29	16	38	86	5.86	0.31	13	28	1.97	767	1	0.05	23	0.14	2	48	0.28	180	106
9	66700E-63500N	12	0.2	4.99	2	237	0.6	5	1.40	0.6	36	33	38	70	6.63	0.28	15	34	2.50	613	1	0.06	36	0.07	2	74	0.36	234	125
10	66700E-63550N	10	0.4	4.58	2	217	0.5	5	1.78	0.2	34	15	56	49	4.89	0.31	14	22	1.66	523	3	0.06	28	0.19	2	75	0.28	169	78
11	66700E-63600N	12	0.2	4.29	13	287	0.7	5	1.44	0.9	40	28	50	113	5.29	0.33	17	23	2.12	515	1	0.06	41	0.07	8	80	0.26	199	107
12	66700E-63650N	60	0.2	4.81	11	250	0.5	5	1.35	0.2	34	22	66	108	5.44	0.38	14	19	1.97	672	1	0.06	40	0.08	2	77	0.24	194	81
13	66700E-63700N	2	0.4	4.56	5	691	0.4	5	1.38	4.2	40	43	34	77	8.94	0.45	19	18	2.22	2681	24	0.04	37	0.16	3	72	0.32	201	146
14	66700E-63750N	50	0.2	4.30	11	219	0.4	5	1.57	0.4	30	25	52	128	5.62	0.30	13	17	2.08	847	1	0.06	40	0.07	2	84	0.28	209	81
15	66700E-63800N	48	0.2	4.59	12	225	0.5	5	1.07	0.2	29	17	57	59	5.04	0.34	12	16	1.74	607	1	0.05	27	0.11	3	68	0.26	189	79
16	66700E-63850N	14	0.2	4.41	9	209	0.7	5	1.46	0.4	37	27	51	128	5.90	0.30	17	22	2.09	792	3	0.06	42	0.13	3	80	0.25	190	128
17	66700E-63900N	52	0.6	4.37	14	247	0.6	5	1.50	0.6	36	34	54	133	6.29	0.33	16	23	2.22	991	4	0.06	44	0.08	13	80	0.26	210	113
18	66700E-63950N	62	0.6	4.54	6	232	0.5	5	1.13	0.2	32	14	52	35	4.64	0.33	14	19	1.60	478	1	0.05	25	0.15	3	69	0.28	181	73
19	66700E-64050N	12	0.2	5.71	12	286	0.7	5	1.17	0.2	37	26	44	102	6.17	0.40	15	24	2.06	975	1	0.05	35	0.09	5	78	0.30	196	100
20	66700E-64100N	24	0.2	4.91	13	295	0.5	5	1.08	0.5	31	22	37	99	5.70	0.35	13	25	1.97	873	1	0.06	28	0.18	4	66	0.28	197	93
21	66700E-64150N	68	0.2	4.57	17	241	0.6	5	0.90	0.3	31	25	46	64	5.56	0.37	13	19	1.50	804	1	0.05	27	0.09	9	56	0.20	169	80
22	66700E-64200N	182	0.6	4.70	14	262	0.5	5	0.96	0.6	31	26	37	112	5.76	0.41	13	22	1.87	1170	1	0.06	32	0.07	7	55	0.24	181	95
23	66700E-64250N	32	0.2	5.30	12	186	0.6	5	1.02	0.7	32	22	39	83	5.95	0.36	15	25	1.77	958	3	0.06	22	0.18	8	42	0.24	180	131
24	66700E-64300N	2	0.2	4.39	5	239	0.4	5	1.01	0.6	32	26	11	65	5.96	0.27	14	18	1.92	1321	1	0.07	12	0.09	4	25	0.37	171	106
25	66700E-64350N	20	0.2	4.89	7	216	0.4	5	1.15	0.7	31	20	41	69	5.52	0.34	14	24	1.94	809	1	0.07	27	0.12	7	48	0.26	178	91
26	66700E-64400N	24	0.2	5.21	8	223	0.6	5	1.04	0.5	29	26	33	79	6.03	0.54	12	27	2.39	1304	1	0.07	25	0.09	6	36	0.23	182	126
27	66700E-64450N	40	0.2	5.89	6	205	0.6	5	0.97	0.4	26	21	33	58	5.61	0.52	11	24	2.10	918	1	0.06	22	0.11	4	31	0.22	166	140
28	66700E-64500N	28	0.2	5.24	10	231	0.5	5	1.00	0.9	30	23	35	100	6.04	0.50	14	32	2.53	1226	1	0.08	32	0.10	6	37	0.27	191	139
29	66700E-64550N	60	0.2	5.55	8	248	0.5	5	0.85	0.7	27	23	32	88	5.91	0.51	13	29	2.27	1203	1	0.07	24	0.11	6	34	0.24	189	135
30	66700E-64600N	10	0.2	4.60	7	188	0.5	5	1.05	0.8	29	14	22	48	4.52	0.36	11	16	1.36	911	1	0.05	11	0.15	5	47	0.26	149	90
31	66700E-64650N	40	0.2	5.20	7	242	0.6	5	0.75	0.5	27	23	37	94	5.90	0.55	13	34	2.33	1282	1	0.07	27	0.10	4	30	0.21	203	134
32	66700E-64700N	46	0.2	5.83	5	250	0.6	5	0.92	0.5	28	27	34	102	6.37	0.62	13	34	2.54	1353	1	0.07	27	0.10	3	35	0.23	213	153
33	66700E-64750N	28	0.2	5.03	3	246	0.5	5	0.84	0.6	26	23	35	92	5.67	0.51	12	27	2.33	1328	1	0.06	25	0.09	3	35	0.21	179	133
34	66700E-64800N	62	0.2	5.51	2	294	0.6	5	0.87	0.7	28	25	34	108	6.20	0.60	13	28	2.49	1448	1	0.07	27	0.10	3	39	0.22	195	143
35	66700E-64850N	28	0.2	5.00	3	312	0.4	5	1.21	0.7	30	27	30	102	6.20	0.66	13	30	2.57	1459	1	0.10	29	0.08	4	37	0.22	185	144
36	66700E-64900N	38	0.2	4.79	2	270	0.4	5	0.69	0.5	29	24	37	99	5.85	0.52	13	28	2.31	1890	1	0.06	32	0.11	6	32	0.23	180	123
37	66800E-63500N	20	0.2	4.66	8	300	0.5	5	1.66	0.4	30	23	40	171	5.42	0.39	14	19	1.93	970	1	0.07	32	0.07	4	82	0.25	181	88

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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	8808-028 Pg. 2 of 6
38	66800E-63550N	24	0.2	4.93	6	312	0.5	5	1.63	0.3	30	20	44	106	5.55	0.46	14	21	1.98	631	1	0.06	36	0.08	4	99	0.25	194	100	
39	66800E-63600N	76	0.2	4.82	11	360	0.5	5	1.38	0.3	30	21	45	124	5.55	0.49	13	20	2.02	709	1	0.07	39	0.07	4	76	0.24	192	93	
40	66800E-63650N	40	0.2	5.87	7	504	0.7	5	0.89	0.2	36	24	96	132	5.11	1.31	16	18	2.00	402	2	0.06	48	0.09	3	67	0.21	274	78	
41	66800E-63750N	22	0.2	4.59	6	236	0.6	5	1.41	0.6	32	24	56	85	5.09	0.39	13	16	1.90	887	1	0.06	38	0.08	6	78	0.24	185	78	
42	66800E-63850N	14	0.2	4.98	6	236	0.5	5	1.34	0.5	31	23	60	74	5.74	0.37	13	19	2.12	729	1	0.06	41	0.10	5	78	0.26	199	90	
43	66800E-63950N	118	0.6	4.22	37	236	0.5	5	0.81	1.3	23	37	41	195	11.04	0.27	13	24	2.02	866	4	0.09	27	0.11	9	35	0.20	261	98	
44	66800E-64050N	68	0.4	5.11	7	240	0.5	5	0.86	0.5	31	21	32	123	5.91	0.35	14	27	1.93	966	1	0.06	25	0.10	3	48	0.28	179	97	
45	66800E-64150N	28	0.2	5.06	11	257	0.5	5	1.31	0.7	29	31	24	155	6.56	0.41	12	24	2.12	1353	1	0.08	26	0.10	3	50	0.30	184	95	
46	66800E-64650N	22	0.2	5.71	2	301	0.6	5	0.81	0.6	27	23	28	109	5.80	0.58	11	29	2.20	1359	1	0.06	26	0.13	2	41	0.22	173	125	
47	66800E-64750N	100	0.2	5.85	2	313	0.6	5	1.18	0.5	28	24	23	108	5.98	0.68	12	28	2.25	1272	1	0.08	27	0.10	2	59	0.27	184	117	
48	66900E-63500N	24	0.2	4.94	9	369	0.5	5	1.57	0.5	31	20	36	114	5.52	0.46	14	20	2.04	704	1	0.07	34	0.07	2	91	0.26	195	88	
51	66900E-63550N	12	0.2	5.11	5	306	0.4	5	2.36	0.4	26	23	29	138	5.61	0.51	13	16	2.02	1034	1	0.10	30	0.08	3	108	0.28	177	96	
52	66900E-63600N	20	0.2	5.17	18	178	0.5	5	1.12	0.7	31	34	49	164	6.81	0.31	15	24	3.01	1165	1	0.05	38	0.09	3	46	0.32	251	100	
53	66900E-63650N	8	0.2	5.15	3	211	0.4	5	2.53	0.7	27	20	31	101	5.48	0.31	13	17	2.06	851	1	0.10	29	0.09	4	95	0.31	178	90	
54	66900E-63700N	32	0.2	5.27	3	286	0.4	5	3.11	1.0	24	27	36	103	6.09	0.54	13	21	2.26	1696	1	0.05	35	0.17	3	101	0.40	232	125	
55	66900E-63750N	22	0.2	5.04	6	229	0.5	5	1.65	0.3	35	20	41	99	5.48	0.34	15	18	1.97	704	1	0.05	34	0.11	4	91	0.32	202	91	
56	66900E-63800N	30	0.2	4.74	11	301	0.5	5	1.67	0.5	33	25	49	146	5.72	0.45	15	19	2.39	833	1	0.07	49	0.08	4	86	0.27	206	92	
57	66900E-63850N	18	0.2	4.89	5	195	0.6	5	1.72	0.3	34	21	57	89	5.41	0.31	15	18	2.23	592	1	0.07	41	0.10	2	91	0.28	196	82	
58	66900E-63900N	22	0.2	4.88	2	218	0.4	5	2.49	0.9	25	24	26	152	5.45	0.33	12	17	2.20	893	1	0.10	30	0.07	2	94	0.29	176	86	
59	66900E-63950N	56	0.2	4.37	9	229	0.4	5	1.77	0.5	32	27	50	153	5.50	0.35	14	16	2.05	850	1	0.07	40	0.07	7	85	0.26	195	77	
60	66900E-64050N	20	0.2	4.86	13	222	0.4	5	1.87	0.4	30	29	24	122	5.64	0.33	13	18	2.05	1004	1	0.10	25	0.09	5	60	0.27	175	87	
61	66900E-64100N	310	0.2	4.58	4	216	0.7	5	1.13	0.2	34	28	35	241	5.71	0.36	14	23	1.58	674	4	0.07	22	0.10	5	56	0.23	178	101	
62	66900E-64150N	42	0.2	5.02	5	253	0.7	5	0.86	0.2	30	17	43	60	5.64	0.38	13	21	1.69	622	1	0.06	22	0.13	3	52	0.25	181	85	
63	66900E-64200N	20	0.2	5.07	2	164	0.5	5	0.78	0.2	25	18	31	61	5.40	0.29	10	25	1.81	847	1	0.04	17	0.12	2	38	0.26	154	93	
64	66900E-64250N	50	0.4	6.20	2	171	0.6	5	0.78	0.2	26	27	31	115	6.05	0.25	11	30	2.13	1239	1	0.07	25	0.11	22	34	0.28	188	115	
65	66900E-64300N	28	0.2	4.42	2	212	0.4	5	1.05	0.2	28	15	41	43	5.26	0.30	11	22	1.63	865	1	0.06	23	0.12	4	61	0.30	202	85	
66	66900E-64350N	40	0.2	4.92	4	233	0.5	5	1.33	0.3	31	27	28	96	6.07	0.40	12	26	2.12	1200	1	0.08	27	0.07	3	54	0.28	181	104	
67	66900E-64400N	38	0.2	5.75	7	211	0.6	5	0.77	0.2	28	27	33	96	6.00	0.37	11	25	1.85	1333	1	0.06	27	0.11	4	41	0.25	177	98	
68	66900E-64450N	12	0.2	5.01	4	196	0.4	5	1.54	0.4	29	23	36	94	6.05	0.34	12	32	2.28	828	1	0.07	28	0.10	4	62	0.29	192	136	
69	66900E-64500N	58	0.6	4.85	13	241	0.5	5	1.15	0.2	29	24	27	145	5.93	0.38	12	29	1.99	1192	1	0.09	27	0.09	6	50	0.27	191	110	
70	66900E-64550N	26	0.2	4.42	10	280	0.5	5	0.85	0.2	29	19	28	77	5.63	0.40	12	31	2.23	723	1	0.07	25	0.07	3	51	0.31	195	97	
71	66900E-64600N	44	0.2	5.46	2	196	1.0	5	2.25	0.2	27	19	69	61	6.10	0.30	13	27	2.72	782	1	0.12	32	0.14	4	64	0.35	206	89	
72	66900E-64650N	2	0.2	5.06	2	116	0.5	5	1.97	0.2	23	18	6	62	5.86	0.26	11	19	2.14	705	1	0.09	6	0.11	2	43	0.37	195	108	
73	66900E-64700N	30	0.2	5.36	2	189	0.5	5	1.09	0.2	27	21	22	107	5.63	0.30	13	28	2.12	1133	1	0.06	18	0.12	2	44	0.28	176	142	
74	66900E-64750N	2	0.2	5.12	2	124	0.3	5	2.29	0.2	20	18	3	69	4.88	0.27	8	15	1.73	530	1	0.04	5	0.07	2	56	0.34	148	56	
75	66900E-64800N	30	0.2	5.28	2	219	0.5	5	1.21	0.4	26	19	24	83	5.50	0.42	11	21	1.88	1057	1	0.06	18	0.11	3	46	0.27	160	109	
76	66900E-64850N	36	0.2	5.94	2	297	0.7	5	0.80	0.3	25	26	31	118	6.21	0.61	12	28	2.42	1452	1	0.07	28	0.11	2	42	0.25	188	132	
77	66900E-64900N	52	0.2	5.94	2	275	0.7	5	0.85	0.3	28	28	30	115	6.45	0.62	13	27	2.49	1494	1	0.07	29	0.11	2	41	0.27	194	147	
78	67000E-63650N	14	0.2	4.34	3	220	0.5	5	1.77	0.2	32	17	35	117	4.93	0.32	12	16	1.75	578	1	0.08	27	0.09	2	83	0.28	177	69	
79	67000E-63750N	2	0.2	5.27	2	315	0.4	5	3.60	0.4	11	31	35	134	6.28	0.43	10	27	3.77	870	1	0.22	48	0.08	2	138	0.43	272	95	
80	67000E-63850N	10	0.4	4.03	2	228	0.5	5	2.01	0.9	32	29	53	63	4.66	0.25	13	13	1.59	2828	15	0.05	28	0.26	6	93	0.25	179	55	
81	67000E-63950N	26	0.2	4.89	2	194	0.4	5	2.65	0.2	23	22	31	97	5.34	0.24	11	15	2.05	944	1	0.10	23	0.07	2	91	0.33	177	87	
82	67000E-64050N	130	0.2	5.61	2	194	0.5	5	1.60	0.2	25	17	33	80	5.32	0.25	10	16	1.54	635	1	0.07	19	0.11	2	63	0.25	152	75	
83	67000E-64150N	98	0.4	4.95	5	238	0.5	5	1.01	0.2	29	25	31	97	5.82	0.38	12	23	1.89	1037	1	0.06	25	0.09	2	55	0.28	190	90	
84	67000E-64250N	44	0.2	4.56	11	343	0.6	5	1.02	0.2	27	24	37	71	5.64	0.55	11	22	1.57	883	1	0.09	28	0.09	3	68	0.19	190	106	

T.T. No.	SAMPLER No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cl 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	es08-028
85	67000E-64350N	50	0.2	4.99	9	275	0.6	5	0.80	0.2	26	23	36	63	5.67	0.43	11	23	1.46	1027	1	0.07	23	0.11	4	53	0.21	170	93	
86	67000E-64450N	16	0.2	5.46	4	196	0.7	5	0.63	0.2	26	19	29	76	5.56	0.32	11	24	1.57	1170	1	0.05	20	0.14	3	41	0.26	159	95	
87	67000E-64550N	22	0.2	5.56	5	267	0.6	5	0.74	0.2	27	20	34	81	5.91	0.37	11	25	1.67	1187	1	0.06	21	0.15	5	44	0.27	186	113	
88	67000E-64650N	38	0.2	5.19	14	209	0.5	5	0.91	0.2	26	24	26	109	6.22	0.31	11	22	1.72	1256	1	0.05	20	0.13	5	38	0.28	183	107	
89	67000E-64750N	2	0.2	4.03	2	244	0.3	5	1.93	0.2	29	11	9	47	4.32	0.26	11	13	1.22	763	1	0.07	5	0.12	2	88	0.34	134	82	
90	67100E-63600N	140	0.2	5.17	5	173	0.5	5	1.83	0.2	27	24	23	149	5.66	0.28	11	18	2.05	833	1	0.08	25	0.11	2	68	0.30	187	81	
91	67100E-63650N	12	0.2	4.95	7	240	0.5	5	1.26	0.4	31	28	46	130	5.51	0.38	13	18	2.02	982	1	0.06	38	0.09	3	65	0.26	184	82	
92	67100E-63700N	20	0.2	5.31	4	188	0.5	5	1.61	0.2	34	24	41	98	5.78	0.34	14	21	2.22	813	1	0.05	34	0.09	2	82	0.31	192	88	
93	67100E-63750N	24	0.2	4.62	7	247	0.5	5	1.46	0.2	32	26	45	138	5.44	0.42	13	17	2.15	1021	1	0.07	44	0.08	3	80	0.25	193	82	
94	67100E-63800N	28	0.2	4.55	7	231	0.6	5	1.59	0.3	35	27	41	150	5.80	0.37	16	22	2.39	993	1	0.07	42	0.09	2	88	0.30	203	94	
95	67100E-63850N	22	0.2	4.32	10	262	0.9	5	1.07	0.2	40	21	35	145	5.15	0.40	16	19	1.44	760	1	0.07	28	0.09	5	63	0.21	154	78	
96	67100E-63900N	6	0.2	3.81	4	325	0.4	5	1.48	0.2	27	11	12	72	4.75	0.47	11	12	1.26	889	1	0.04	9	0.11	2	75	0.25	126	91	
97	67100E-63950N	118	0.2	4.75	7	281	0.6	5	1.18	0.2	31	21	34	106	5.99	0.43	13	22	1.64	506	7	0.07	25	0.10	5	67	0.23	188	84	
98	67100E-64050N	222	0.2	4.46	6	236	0.7	5	1.49	0.2	31	61	35	1068	6.40	0.38	13	42	1.72	892	2	0.08	50	0.09	4	69	0.26	179	99	
101	67100E-64100N	32	0.2	2.83	2	151	0.4	5	1.07	0.2	28	7	16	64	3.87	0.24	11	11	1.07	428	1	0.05	7	0.10	3	38	0.23	113	52	
102	67100E-64150N	22	0.2	4.61	2	305	0.4	5	2.49	0.6	25	26	29	143	5.51	0.29	12	17	2.23	922	1	0.09	27	0.11	2	111	0.31	171	73	
103	67100E-64200N	30	0.2	5.30	2	257	0.5	5	2.58	0.5	24	35	34	238	6.83	0.28	13	19	2.50	1016	1	0.09	31	0.11	4	129	0.33	199	76	
104	67100E-64250N	12	0.2	5.29	2	329	0.5	5	2.52	0.6	26	24	31	210	6.41	0.41	13	19	2.54	799	1	0.10	31	0.11	2	108	0.37	193	64	
105	67100E-64300N	30	0.2	5.39	2	261	0.5	5	2.86	0.2	22	20	31	190	6.16	0.23	12	16	2.35	717	1	0.14	25	0.10	3	111	0.33	190	62	
106	67100E-64350N	160	0.2	4.84	19	357	0.6	5	0.97	0.5	31	31	37	94	6.38	0.52	14	23	1.64	1146	1	0.09	29	0.09	9	65	0.21	197	102	
107	67100E-64400N	26	0.2	5.17	3	267	0.5	5	0.71	0.4	29	26	22	113	6.40	0.47	14	30	2.15	1550	1	0.04	22	0.13	5	35	0.34	234	106	
108	67100E-64450N	40	0.2	5.60	10	299	0.5	5	0.66	0.4	29	29	20	118	6.52	0.31	14	37	2.20	1319	1	0.05	21	0.10	7	32	0.33	235	98	
109	67100E-64500N	140	0.2	5.67	15	283	0.8	5	0.95	0.3	35	29	28	112	6.84	0.40	16	30	2.15	1414	1	0.07	31	0.13	9	54	0.29	206	116	
110	67100E-64550N	104	0.2	5.14	21	341	1.7	5	0.97	0.2	31	29	36	96	6.60	0.48	14	25	1.70	1082	1	0.09	30	0.09	11	70	0.22	199	103	
111	67100E-64600N	16	0.6	2.49	2	326	0.2	5	0.93	0.2	24	3	5	213	3.98	0.51	9	8	1.18	431	1	0.03	2	0.11	2	35	0.24	97	48	
112	67100E-64650N	18	0.2	5.37	7	224	0.5	5	1.10	0.4	29	23	30	86	5.55	0.28	12	23	1.75	1192	1	0.07	22	0.12	4	38	0.27	160	86	
113	67100E-64700N	10	0.2	5.08	8	92	0.5	5	1.14	0.2	29	52	30	289	5.90	0.14	13	18	2.22	1149	1	0.07	29	0.14	5	30	0.31	192	99	
114	67100E-64750N	30	0.2	5.17	2	244	0.4	5	2.03	0.4	27	23	19	112	5.89	0.34	13	20	2.15	1202	1	0.12	18	0.12	2	62	0.33	176	108	
115	67100E-64800N	20	0.2	5.31	5	221	0.5	5	1.62	0.3	30	24	21	113	5.60	0.40	13	19	2.00	1069	1	0.10	19	0.12	3	51	0.30	161	106	
116	67200E-63650N	198	0.4	4.36	28	234	0.6	5	1.58	0.3	35	31	47	164	6.47	0.36	14	18	1.82	529	3	0.06	35	0.08	9	87	0.27	221	89	
117	67200E-63750N	20	0.2	5.20	3	141	0.5	5	2.45	0.4	27	25	52	152	5.54	0.23	13	17	2.52	762	1	0.09	49	0.08	2	109	0.30	186	73	
118	67200E-63850N	26	0.4	5.17	8	210	0.5	5	1.26	0.3	30	25	45	98	5.72	0.30	13	18	1.98	816	1	0.06	34	0.12	4	67	0.30	198	94	
119	67200E-63950N	10	0.4	5.38	4	211	0.4	5	2.78	0.4	23	24	18	107	5.74	0.26	12	18	2.31	904	1	0.12	25	0.08	2	92	0.37	198	92	
120	67200E-64050N	10	0.2	5.06	5	177	0.4	5	1.57	0.3	26	18	7	111	4.98	0.27	11	38	2.07	696	1	0.03	9	0.08	2	70	0.27	134	81	
121	67200E-64150N	28	0.2	4.47	7	250	0.5	5	1.09	0.4	33	26	30	74	5.68	0.44	14	20	1.66	1018	1	0.07	25	0.11	4	58	0.23	178	88	
122	67200E-64250N	26	0.2	5.07	2	206	0.5	5	2.58	0.2	29	21	26	220	5.39	0.26	13	16	1.86	732	1	0.09	22	0.09	2	118	0.30	174	62	
123	67200E-64350N	22	0.6	5.57	2	384	0.5	5	2.19	0.2	34	16	28	209	5.35	0.51	14	16	1.84	671	1	0.09	26	0.13	3	97	0.34	164	68	
124	67200E-64450N	30	0.2	5.17	5	272	0.5	5	0.62	0.3	28	17	34	68	5.53	0.39	12	23	1.62	797	1	0.06	21	0.15	5	42	0.27	171	102	
125	67200E-64550N	42	0.2	5.11	11	281	0.6	5	0.70	0.2	30	23	35	84	5.86	0.45	13	24	1.66	1640	1	0.06	22	0.15	6	46	0.25	171	106	
126	67200E-64650N	26	0.4	5.08	2	223	0.5	5	1.86	0.6	33	32	34	193	5.78	0.31	14	18	2.01	1231	1	0.10	25	0.11	4	76	0.30	170	85	
127	67200E-64750N	54	0.2	4.85	4	262	0.4	5	0.95	0.2	32	17	37	46	5.40	0.36	13	19	1.48	1108	1	0.06	17	0.15	5	54	0.31	202	84	
128	67300E-63700N	36	0.2	4.92	5	209	0.4	5	1.76	0.3	38	23	50	120	5.35	0.34	15	17	2.19	744	1	0.07	42	0.07	4	94	0.27	202	79	
129	67300E-63750N	22	0.2	5.17	2	171	0.5	5	1.43	0.3	34	24	53	97	5.64	0.25	14	17	2.19	873	1	0.05	36	0.14	2	83	0.31	204	84	
130	67300E-63800N	230	0.2	5.24	16	194	0.6	5	1.26	0.3	34	20	43	114	5.14	0.30	13	14	1.40	732	1	0.06	24	0.17	6	67	0.24	153	79	
131	67300E-63850N	70	0.2	5.07	19	390	0.8	5	1.49	0.4	31	46	35	266	6.51	0.40	13	16	1.88	1473	1	0.07	33	0.11	7	88	0.25	185	83	

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	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	8508-028 Pg. 4 of 8
132	67300E-63900N	220	0.2	5.46	10	218	0.6	5	1.20	0.3	28	20	29	91	5.10	0.34	11	12	1.27	840	2	0.06	18	0.16	3	75	0.28	154	81	
133	67300E-63950N	10	0.2	5.88	2	177	0.5	5	2.15	0.3	27	21	35	86	5.62	0.30	11	15	2.00	826	1	0.09	27	0.11	4	91	0.31	167	93	
134	67300E-64050N	32	0.2	6.31	2	267	0.6	5	1.81	0.4	26	25	42	177	6.03	0.57	12	18	2.20	880	2	0.11	45	0.10	5	109	0.27	172	123	
135	67300E-64100N	30	0.4	5.86	14	179	0.6	5	1.71	0.5	28	33	30	86	6.57	0.20	11	15	1.58	752	3	0.07	20	0.19	6	76	0.29	166	85	
136	67300E-64150N	4	0.2	6.18	2	220	0.4	5	2.00	0.3	24	22	35	74	6.14	0.28	11	16	2.18	809	1	0.10	22	0.14	3	98	0.32	178	89	
137	67300E-64200N	22	0.2	5.46	2	207	0.5	5	2.64	0.5	23	27	51	184	6.15	0.20	12	16	2.21	815	1	0.10	34	0.12	2	106	0.32	175	74	
138	67300E-64250N	20	0.2	5.65	7	294	0.5	5	1.89	0.4	26	30	35	94	5.95	0.43	11	18	1.92	952	1	0.09	24	0.13	6	99	0.27	172	81	
139	67300E-64300N	74	0.2	6.36	2	314	0.5	5	2.39	0.2	23	25	37	126	6.48	0.38	11	19	2.40	872	2	0.11	27	0.11	4	127	0.33	195	79	
140	67300E-64350N	40	0.2	4.99	7	223	0.5	5	2.44	0.2	24	25	31	189	6.02	0.29	12	16	1.98	726	2	0.09	24	0.10	5	95	0.30	180	66	
141	67300E-64400N	38	0.4	5.38	10	259	0.6	5	0.73	0.4	29	24	30	107	5.99	0.35	14	25	1.88	1249	1	0.05	25	0.13	8	42	0.27	184	100	
142	67300E-64450N	40	0.2	5.09	12	311	0.7	5	0.93	0.3	30	23	37	73	5.87	0.46	13	23	1.76	1018	1	0.07	27	0.12	10	61	0.23	184	103	
143	67300E-64500N	40	0.2	5.57	13	297	0.6	5	0.68	0.2	29	25	35	84	6.10	0.41	13	25	1.77	1243	1	0.07	24	0.12	9	44	0.23	186	106	
144	67300E-64550N	840	0.2	5.51	6	193	0.5	5	0.64	0.4	27	16	34	69	5.07	0.28	12	20	1.39	894	1	0.05	19	0.16	10	39	0.24	152	91	
145	67300E-64600N	10	0.2	4.58	2	178	0.6	5	1.40	0.2	36	13	18	90	4.92	0.32	15	14	1.53	626	1	0.09	13	0.12	7	54	0.31	146	64	
146	67300E-64650N	10	0.2	4.43	2	409	0.4	5	1.99	0.2	31	12	33	116	4.85	0.39	13	11	1.75	507	1	0.08	23	0.12	6	74	0.31	145	51	
147	67300E-64700N	6	0.2	5.25	3	183	0.9	5	1.32	0.4	37	41	16	1039	3.99	0.22	14	15	1.23	544	4	0.05	16	0.20	7	79	0.22	116	72	
148	67300E-64750N	12	0.2	5.07	7	264	0.5	5	1.43	0.6	31	20	15	128	5.06	0.41	13	13	1.74	957	1	0.07	14	0.13	9	52	0.30	152	76	
151	67300E-64800N	98	0.2	4.70	3	235	0.8	5	0.51	0.2	34	20	55	78	5.29	0.32	14	16	1.03	982	3	0.05	25	0.17	26	27	0.22	145	86	
152	67300E-64850N	30	0.2	5.25	11	245	0.6	5	0.67	0.2	31	22	38	91	5.76	0.38	14	20	1.66	715	1	0.05	21	0.12	7	33	0.23	165	88	
153	67300E-64900N	8	0.2	5.01	4	215	0.5	5	2.20	0.4	29	20	17	115	5.30	0.22	12	14	1.85	880	1	0.10	13	0.12	4	86	0.31	159	80	
154	67400E-63850N	24	0.2	4.98	5	175	0.6	5	1.21	0.2	33	17	31	102	4.15	0.23	11	12	1.10	763	1	0.07	17	0.19	3	62	0.24	120	71	
155	67400E-63950N	14	0.2	4.89	16	144	0.6	5	2.27	0.3	31	21	24	90	5.81	0.26	14	24	1.85	1004	5	0.09	19	0.18	4	132	0.32	174	177	
156	67400E-64050N	64	0.2	4.45	13	203	0.6	5	1.95	0.3	34	25	29	203	5.85	0.29	14	19	1.80	895	1	0.07	25	0.14	7	89	0.28	157	96	
157	67400E-64150N	22	0.2	5.28	3	203	0.5	5	2.48	0.4	28	34	29	204	6.21	0.31	13	17	2.58	1119	1	0.11	31	0.09	5	111	0.31	184	88	
158	67400E-64250N	86	0.2	4.72	7	314	0.8	5	1.22	0.3	34	19	31	66	5.68	0.38	14	21	1.60	707	1	0.07	22	0.11	7	81	0.24	177	95	
159	67400E-64350N	22	0.2	5.62	2	271	0.5	5	1.86	0.2	32	19	27	116	5.43	0.36	13	17	1.97	696	1	0.10	24	0.10	5	94	0.28	167	79	
160	67400E-64450N	140	0.2	5.29	8	231	0.6	5	0.97	0.2	37	18	30	87	5.28	0.33	14	21	1.65	969	1	0.06	20	0.15	11	53	0.27	161	96	
161	67400E-64550N	128	0.2	4.48	2	375	0.3	5	1.97	0.2	35	3	5	89	6.72	0.60	16	11	1.48	687	1	0.11	2	0.14	2	84	0.45	167	42	
162	67400E-64650N	20	0.2	5.44	2	185	0.6	5	0.75	0.2	31	27	41	101	6.55	0.28	14	24	2.00	1180	1	0.05	35	0.11	2	37	0.33	220	93	
163	67400E-64750N	20	0.2	5.29	2	285	0.8	5	0.59	0.2	33	22	38	93	6.35	0.38	14	24	1.85	1296	1	0.06	24	0.13	2	37	0.29	193	97	
164	67500E-63900N	32	0.8	5.52	2	136	0.5	5	1.87	0.2	26	33	54	219	6.82	0.18	12	33	3.13	925	1	0.11	54	0.10	2	44	0.31	194	82	
165	67500E-63950N	14	0.2	5.78	2	237	0.5	5	2.48	0.2	27	20	25	153	5.94	0.38	13	17	2.12	901	1	0.09	27	0.08	2	104	0.32	174	90	
166	67500E-64050N	32	0.2	5.43	2	261	0.4	5	2.17	0.2	28	15	18	148	5.84	0.50	13	14	1.86	843	1	0.09	14	0.06	2	109	0.31	171	81	
167	67500E-64100N	10	0.2	5.80	2	235	0.4	5	2.51	0.2	26	20	30	168	6.07	0.38	13	17	2.21	952	1	0.10	31	0.09	2	117	0.32	179	89	
168	67500E-64150N	10	0.2	5.51	2	253	0.5	5	2.57	0.2	27	30	30	192	6.65	0.35	13	18	2.43	1189	1	0.13	28	0.09	2	115	0.33	186	86	
169	67500E-64200N	8	0.2	5.64	2	259	0.5	5	2.43	0.2	30	28	28	120	6.42	0.32	13	16	1.99	1084	1	0.09	22	0.14	2	133	0.33	182	75	
170	67500E-64250N	78	0.2	4.72	13	327	0.6	5	1.10	0.2	32	31	42	112	6.73	0.48	15	23	1.70	1301	1	0.08	29	0.09	3	68	0.24	188	88	
171	67500E-64300N	6	0.2	5.70	2	395	0.5	5	2.00	0.2	26	15	21	164	5.40	0.50	11	18	1.98	709	1	0.08	19	0.11	2	106	0.30	181	81	
172	67500E-64350N	46	0.2	5.58	2	195	0.5	5	2.83	0.2	27	30	47	338	6.62	0.30	13	20	2.65	932	1	0.08	34	0.12	2	148	0.41	205	72	
173	67500E-64400N	12	0.2	6.17	2	307	0.4	5	2.17	0.2	26	26	28	134	5.96	0.35	11	16	2.15	1125	1	0.11	23	0.11	2	108	0.31	184	99	
174	67500E-64450N	132	0.2	5.35	2	301	0.5	5	1.85	0.2	29	28	28	160	5.67	0.39	12	19	1.96	1062	1	0.08	27	0.10	2	95	0.27	180	91	
175	67500E-64500N	32	0.2	5.71	2	279	0.4	5	1.75	0.2	29	24	30	244	6.04	0.39	11	20	2.22	960	1	0.08	28	0.11	2	76	0.28	177	91	
176	67500E-64550N	46	0.2	5.26	2	322	0.6	5	1.25	0.2	32	27	24	159	5.60	0.38	12	21	1.70	1027	1	0.06	20	0.10	2	65	0.25	165	79	
177	67500E-64600N	10	0.2	5.33	2	245	0.6	5	1.11	0.2	29	18	29	78	5.70	0.30	12	21	1.68	961	1	0.05	19	0.17	3	54	0.30	166	91	
178	67500E-64650N	10	0.2	5.63	6	266	0.6	5	0.86	0.2	30	22	27	103	5.47	0.36	12	21	1.78	1298	1	0.05	22	0.13	13	42	0.27	162	95	

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	0606-028 Pg. 5 of 8
179	67500E-64700N	28	0.2	5.21	7	242	0.6	5	1.15	0.2	33	17	28	72	5.29	0.35	13	19	1.61	821	1	0.06	20	0.13	2	52	0.26	161	87	
180	67500E-64750N	30	0.2	5.14	9	918	0.6	5	0.54	0.3	22	26	43	168	5.56	0.66	11	28	2.94	1066	1	0.03	38	0.07	4	48	0.28	196	86	
181	67500E-64800N	24	0.4	5.40	5	254	0.5	5	0.78	0.2	29	24	26	102	5.61	0.35	12	25	2.03	1316	1	0.06	23	0.10	3	39	0.28	179	99	
182	67500E-64850N	52	0.2	5.72	3	269	0.5	5	0.96	0.2	31	19	22	112	5.15	0.35	12	18	1.60	991	1	0.05	15	0.15	5	48	0.26	160	83	
183	67500E-64900N	16	0.2	5.61	2	188	0.5	5	0.76	0.2	29	23	14	144	5.83	0.42	13	25	2.04	1431	1	0.06	15	0.10	2	27	0.30	160	116	
184	67600E-63950N	22	0.2	5.34	2	240	0.4	5	2.30	0.2	30	21	30	133	5.57	0.37	13	17	2.05	902	1	0.09	28	0.08	2	97	0.29	173	102	
185	67600E-64050N	40	0.2	4.82	2	216	0.4	5	2.10	0.2	33	19	32	117	5.42	0.36	14	17	1.90	778	3	0.09	27	0.09	3	93	0.27	169	87	
186	67600E-64150N	216	0.2	5.22	2	288	0.4	5	2.07	0.2	33	23	26	178	5.76	0.43	14	17	1.98	957	1	0.11	26	0.09	3	101	0.26	168	102	
187	67600E-64250N	84	0.2	4.57	11	354	0.6	5	1.01	0.2	34	25	38	96	5.55	0.52	13	22	1.61	1015	1	0.09	31	0.08	5	72	0.21	188	97	
188	67600E-64350N	1120	0.2	4.48	15	319	0.5	5	1.03	0.2	32	31	63	85	6.86	0.48	13	20	1.54	1070	1	0.08	29	0.10	6	58	0.22	215	99	
189	67600E-64450N	40	0.2	4.87	8	313	0.5	5	1.90	0.3	35	31	31	146	5.97	0.37	14	19	2.01	1128	1	0.08	32	0.10	3	104	0.27	186	96	
190	67600E-64550N	18	0.2	4.86	9	289	0.5	5	1.10	0.2	31	38	23	232	5.70	0.41	12	23	1.62	1540	1	0.07	29	0.10	5	49	0.24	161	94	
191	67600E-64650N	40	0.2	5.12	4	317	0.6	5	1.72	0.2	33	27	25	149	5.77	0.49	13	21	2.00	1162	1	0.09	27	0.09	2	87	0.26	182	95	
192	67600E-64750N	6	0.2	5.97	2	196	0.7	5	1.12	0.2	38	22	20	108	5.78	0.38	12	24	1.72	805	1	0.06	16	0.14	2	51	0.30	173	97	
193	67600E-64850N	44	0.2	5.26	2	330	0.5	5	1.22	0.2	34	31	28	138	6.42	0.53	13	24	2.13	1206	1	0.09	29	0.08	2	54	0.25	193	104	
194	67600E-64950N	10	0.2	7.33	34	474	0.5	5	1.76	0.2	31	38	20	101	6.78	0.70	11	21	2.36	1285	1	0.12	26	0.12	2	93	0.29	221	104	
195	67700E-64050N	14	0.4	5.64	2	208	0.6	5	1.90	0.2	33	31	28	196	6.07	0.34	12	22	2.02	701	4	0.08	32	0.11	2	93	0.29	177	108	
196	67700E-64100N	14	0.2	5.89	2	181	0.6	5	1.28	0.2	32	26	24	143	5.75	0.27	11	18	1.42	1051	1	0.06	18	0.14	2	66	0.25	149	76	
197	67700E-64150N	28	0.2	5.02	2	281	0.5	5	1.82	0.2	33	18	32	160	7.22	0.41	12	19	1.74	826	4	0.10	26	0.07	2	95	0.26	174	91	
198	67700E-64200N	580	0.4	4.34	13	352	0.6	5	1.43	0.2	37	31	55	126	7.24	0.50	14	22	1.58	1136	3	0.09	33	0.09	2	81	0.26	237	95	
201	67700E-64250N	24	0.2	4.98	4	319	0.6	5	1.65	0.3	35	28	32	136	5.99	0.44	14	22	1.94	1273	2	0.08	32	0.09	2	96	0.24	190	100	
202	67700E-64300N	52	0.2	4.69	6	380	0.6	5	1.10	0.3	36	28	33	116	5.75	0.51	14	22	1.68	1120	1	0.09	34	0.07	3	76	0.21	192	95	
203	67700E-64350N	78	0.2	5.40	2	240	0.7	5	1.82	0.2	38	28	26	85	6.11	0.34	14	20	2.00	1024	1	0.08	25	0.10	2	100	0.33	197	104	
204	67700E-64400N	36	0.2	5.18	14	316	0.7	5	1.61	0.2	37	32	31	105	6.47	0.42	14	27	1.82	1096	1	0.09	31	0.09	2	89	0.27	202	102	
205	67700E-64450N	60	0.2	4.93	2	393	0.6	5	1.05	0.2	36	23	31	96	5.72	0.56	14	24	1.85	1017	1	0.09	32	0.07	2	73	0.24	196	96	
206	67700E-64500N	52	0.4	5.01	11	365	0.5	5	1.19	0.2	31	28	20	198	6.84	0.53	14	27	2.27	1628	1	0.09	28	0.10	2	58	0.31	196	113	
207	67700E-64550N	20	0.2	6.19	25	224	0.6	5	0.95	0.2	31	21	26	139	5.25	0.29	13	23	1.77	1187	1	0.05	23	0.14	2	47	0.28	156	91	
208	67700E-64600N	28	0.2	5.31	6	294	0.5	5	1.24	0.2	32	28	25	179	6.32	0.40	14	26	2.26	1307	1	0.09	30	0.10	2	53	0.31	189	106	
209	67700E-64650N	20	0.2	5.84	8	264	0.7	5	0.85	0.2	32	24	29	114	5.93	0.31	13	22	1.73	1267	1	0.06	25	0.14	17	45	0.28	173	101	
210	67700E-64700N	42	0.2	5.69	2	276	0.5	5	0.93	0.2	30	26	30	95	6.21	0.33	13	31	2.32	1358	1	0.09	26	0.14	2	54	0.33	229	106	
211	67700E-64750N	22	0.4	5.46	6	268	0.5	5	1.21	0.2	31	29	32	158	6.01	0.37	13	24	2.06	1460	1	0.06	34	0.12	2	64	0.30	189	109	
212	67700E-64800N	58	0.2	4.14	19	395	0.4	5	0.99	0.2	30	28	25	156	6.17	0.38	13	27	2.05	1433	1	0.06	34	0.09	2	49	0.29	206	118	
213	67700E-64850N	12	0.2	5.91	2	250	0.5	5	1.97	0.4	30	38	32	112	6.83	0.36	13	16	2.01	1692	1	0.06	45	0.15	2	120	0.31	189	116	
214	67700E-64900N	8	0.2	6.10	5	264	0.6	5	2.27	0.3	31	46	32	131	6.88	0.29	14	17	1.94	1970	1	0.06	38	0.17	2	139	0.34	200	137	
215	67700E-64950N	16	0.2	5.08	2	201	0.4	5	1.65	0.5	31	35	28	118	6.66	0.35	14	19	2.02	1466	1	0.07	51	0.10	2	87	0.27	194	119	
216	67700E-65000N	90	0.2	5.29	77	255	0.7	5	1.54	0.2	40	32	33	60	6.37	0.45	15	30	1.87	1305	1	0.08	31	0.20	2	67	0.25	207	337	
217	67700E-65050N	12	0.2	4.97	2	260	0.4	5	1.32	0.2	30	38	20	97	7.72	0.31	13	17	2.24	1249	1	0.06	23	0.12	2	71	0.27	179	112	
218	67700E-65100N	14	0.2	5.52	14	293	0.5	5	1.37	0.2	36	37	25	118	7.30	0.45	14	16	1.97	1330	5	0.07	49	0.10	2	73	0.25	194	132	
219	67800E-64050N	34	0.2	4.35	15	204	0.5	5	2.18	0.2	30	19	23	118	5.72	0.30	12	18	1.63	694	3	0.09	22	0.08	2	92	0.28	175	84	
220	67800E-64150N	14	0.2	5.63	2	249	0.4	5	2.31	0.2	28	20	32	157	5.56	0.40	12	17	2.11	831	1	0.10	33	0.08	2	113	0.29	174	98	
221	67800E-64250N	38	0.2	4.64	2	261	0.5	5	1.72	0.2	32	28	38	149	5.54	0.40	13	17	1.84	980	1	0.08	37	0.08	2	90	0.26	179	87	
222	67800E-64350N	2	0.2	4.91	2	133	0.5	5	1.44	0.2	27	22	47	84	5.44	0.20	11	16	1.79	1074	1	0.05	25	0.22	2	71	0.30	162	80	
223	67800E-64450N	6	0.2	5.69	2	139	0.5	5	1.63	0.2	28	19	29	78	5.33	0.17	11	15	1.73	869	1	0.06	22	0.15	2	72	0.34	155	87	
224	67800E-64550N	48	0.4	4.75	11	385	0.6	5	0.94	0.2	30	28	34	105	5.77	0.51	13	21	1.77	1080	1	0.08	29	0.11	3	58	0.23	180	101	
225	67800E-64650N	78	0.4	4.52	20	602	0.6	5	0.94	0.2	30	34	35	120	6.47	0.68	13	23	1.91	1310	1	0.08	34	0.09	4	63	0.21	196	104	

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	sec-028
226	67800E-64750N	112	0.4	5.06	24	381	0.7	5	0.86	0.2	29	36	45	135	6.47	0.63	13	24	2.01	1160	1	0.08	40	0.08	8	63	0.20	210	105	
227	67800E-64850N	12	0.2	5.66	10	226	0.7	5	1.40	0.2	33	33	35	149	6.00	0.35	13	19	2.10	1453	1	0.06	32	0.15	2	82	0.28	183	138	
228	67800E-64950N	50	0.2	5.11	2	311	0.6	5	1.09	0.2	31	23	35	113	5.37	0.42	12	21	1.79	833	1	0.07	28	0.10	2	54	0.23	167	100	
229	67800E-65050N	10	0.2	5.93	2	224	0.6	5	1.72	0.2	30	26	35	106	5.49	0.28	12	17	1.99	1072	1	0.08	29	0.09	2	71	0.25	157	96	
230	67900E-63950N	16	0.2	5.11	3	165	0.5	5	2.37	0.2	28	25	29	110	6.28	0.27	12	16	1.96	1001	1	0.10	23	0.09	2	123	0.30	186	97	
231	67900E-64050N	6	0.2	5.10	2	127	0.5	5	1.70	0.2	28	25	35	99	4.97	0.23	11	14	1.68	871	1	0.05	23	0.14	2	83	0.27	152	79	
232	67900E-64100N	12	0.2	5.81	2	254	0.5	5	2.05	0.2	28	21	29	168	5.41	0.42	11	17	2.00	866	1	0.09	32	0.09	2	99	0.27	163	98	
233	67900E-64150N	116	0.2	5.14	2	204	0.4	5	2.17	0.2	28	20	45	132	5.43	0.32	12	16	1.92	852	1	0.08	31	0.09	2	108	0.28	173	90	
234	67900E-64200N	10	0.2	5.43	2	222	0.5	5	2.01	0.2	30	18	28	153	5.17	0.33	13	16	1.78	798	2	0.09	23	0.14	2	104	0.29	164	95	
235	67900E-64250N	12	0.2	5.41	2	218	0.5	5	1.85	0.2	31	21	36	105	5.57	0.37	13	18	1.88	925	1	0.08	27	0.13	2	95	0.28	171	104	
236	67900E-64300N	14	0.2	5.55	2	231	0.5	5	1.97	0.2	31	32	37	198	6.08	0.39	12	18	2.15	1072	1	0.10	39	0.08	2	106	0.28	174	101	
237	67900E-64350N	2	0.2	5.78	2	89	0.4	5	2.42	0.2	26	40	23	160	5.87	0.14	12	16	3.28	1767	1	0.03	47	0.15	2	104	0.47	179	96	
238	67900E-64400N	16	0.2	4.99	2	178	0.5	5	2.05	0.2	32	31	39	148	5.82	0.29	13	18	2.50	893	1	0.08	43	0.07	2	103	0.31	186	81	
239	67900E-64450N	4	0.2	4.88	2	182	0.4	5	1.57	0.2	30	18	42	70	5.36	0.22	12	13	1.71	940	1	0.06	25	0.20	2	80	0.36	175	81	
240	67900E-64500N	118	0.2	5.17	14	414	0.6	5	1.02	0.2	32	29	33	204	6.37	0.59	13	26	1.89	1216	2	0.10	31	0.09	2	67	0.21	194	114	
241	67900E-64550N	128	0.2	5.59	7	334	0.6	5	1.00	0.2	32	31	36	190	6.38	0.48	13	24	1.67	1138	4	0.10	27	0.14	3	71	0.23	188	137	
242	67900E-64600N	104	0.2	5.66	9	405	0.7	5	0.85	0.2	36	28	36	160	6.44	0.58	14	31	1.76	1184	3	0.11	32	0.14	3	65	0.22	187	178	
243	67900E-64650N	50	0.2	5.43	8	366	0.6	5	1.11	0.2	31	30	48	112	6.07	0.42	12	22	2.04	997	1	0.06	34	0.10	2	66	0.25	190	102	
244	67900E-64700N	6	0.2	5.76	2	111	0.6	5	1.92	0.2	31	38	40	192	7.00	0.20	12	19	3.22	1693	1	0.04	38	0.10	2	95	0.43	218	105	
245	67900E-64750N	80	0.2	6.89	14	481	0.7	5	0.78	0.2	32	39	11	452	7.96	0.94	14	26	1.72	2042	15	0.27	19	0.15	3	93	0.13	169	234	
246	67900E-64800N	50	0.2	5.44	12	271	0.5	5	1.63	0.2	35	33	35	190	6.41	0.40	14	34	2.57	1433	1	0.08	37	0.11	2	91	0.29	195	154	
247	67900E-64850N	42	0.2	5.39	2	266	0.5	5	1.31	0.2	32	26	33	111	6.21	0.41	13	23	2.15	958	1	0.07	27	0.10	2	63	0.30	209	104	
248	67900E-64900N	58	0.2	6.16	3	278	0.5	5	1.42	0.2	35	23	23	239	6.16	0.50	14	25	1.85	1120	2	0.13	26	0.12	2	74	0.24	163	152	
251	67900E-64950N	8	0.2	6.19	2	192	0.6	5	1.68	0.2	29	32	66	167	5.82	0.33	13	19	2.36	1153	1	0.07	46	0.10	2	71	0.28	173	101	
252	67900E-65000N	20	0.2	5.75	3	185	0.5	5	1.86	0.3	29	25	29	147	5.90	0.36	13	18	2.03	1124	1	0.10	26	0.09	2	78	0.27	173	109	
253	67900E-65050N	86	0.2	6.60	40	479	0.7	5	0.85	0.8	30	48	20	549	7.91	0.90	15	27	1.93	2546	12	0.30	45	0.15	3	99	0.12	159	230	
254	67900E-65100N	24	0.2	5.35	2	200	0.5	5	1.88	0.2	33	23	29	148	5.45	0.41	13	20	1.87	1052	1	0.10	29	0.10	2	90	0.25	160	109	

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: DARB - 186 (HEMLO)

Geol.: G.G.

Date received: JUNE 27

LAB CODE: 9506-028

Material: 10 Rx

Sheet: 1 of 1

Date completed: JULY 04

R #34551-4/34578

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

□ Organic, A Humus, S Sulfide

Au - silt & soil, 15.0 g sample digested with aqua-regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 5 PPB)

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. 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
255	GM0001 rx	5	0.2	4.90	2	347	0.3	5	1.38	0.2	38	21	21	57	5.08	1.22	13	9	1.59	688	2	0.10	9	0.06	5	42	0.37	145	80
256	GM0006	5	0.2	4.79	2	151	0.5	5	4.94	0.4	52	29	24	77	7.99	0.27	18	14	2.94	1115	1	0.39	11	0.10	2	77	0.57	216	87
257	GM0007	5	0.2	2.67	2	363	0.2	5	2.04	0.2	50	6	19	39	4.77	0.55	15	11	0.99	500	1	0.05	1	0.08	2	94	0.24	115	47
258	GM0008	5	0.2	2.66	2	130	0.6	5	0.08	0.2	10	1	36	3	0.56	1.22	2	2	0.06	346	1	0.08	1	0.01	8	5	0.02	7	18
259	GM0009	5	0.4	3.31	5	432	0.4	5	2.40	0.2	54	11	38	46	4.45	1.02	16	17	1.16	611	12	0.11	16	0.08	4	43	0.13	92	71
260	GM0012	5	0.4	0.86	2	85	0.2	5	0.91	0.2	26	10	134	21	2.32	0.12	7	5	0.89	362	2	0.06	13	0.03	2	13	0.12	64	28
261	GM0015	5	0.2	3.70	2	291	0.5	5	4.16	0.2	44	25	40	54	6.07	0.51	14	13	1.66	894	2	0.18	13	0.08	9	108	0.46	191	78
262	GM0016	30	0.2	5.28	2	86	0.5	5	6.28	0.2	60	17	16	102	7.32	0.25	19	9	2.10	996	1	0.27	5	0.12	2	164	0.73	233	67
263	GM0017	5	0.2	2.77	2	91	0.6	5	0.13	0.2	5	1	25	2	0.47	1.25	2	1	0.04	504	1	0.04	1	0.01	10	6	0.02	4	34
264	GM0018 rx	5	0.2	5.79	2	42	0.3	5	10.36	0.2	36	1	80	13	5.41	0.04	8	3	0.15	1376	1	0.03	1	0.09	2	280	0.43	127	24

05/07 Hen. Lo off 44
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NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: DARB - 186 (HEMLO)

Geol.: G.G.

Date received: JULY 14

LAB CODE: 9507-023

Material: 13 Rx 2-2

Sheet: 1 of 1

Date completed: JULY 18

R #345557/R9

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

‡ Organic, Δ Humus, S Sulfide

Au - silt & soil, 15.0 g sample digested with aqua-regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 5 PPB)

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. 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	Cu %	Cl ppm	Ce ppm	Co ppm	Cr ppm	Cs 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
102	GM0022	RX 30	0.4	1.77	11	256	0.3	5	2.08	0.3	83	5	63	187	1.61	0.66	23	6	0.49	280	1	0.08	4	0.05	38	29	0.11	42	27
103	GM0023	35	0.2	5.84	2	10	0.3	5	5.51	0.3	78	16	14	61	5.34	0.04	11	13	1.57	998	1	0.06	3	0.06	9	182	0.28	130	61
104	GM0034	10	0.2	4.17	2	28	0.4	5	4.52	0.3	75	12	17	43	4.40	0.08	11	10	0.90	889	1	0.12	4	0.06	4	130	0.36	182	40
105	GM0035	35	0.2	5.32	2	47	0.5	5	5.47	0.8	78	34	80	84	5.95	0.26	13	26	4.17	1052	1	0.31	78	0.06	4	111	0.29	204	77
106	GM0036	5	0.2	5.02	2	73	0.4	5	4.35	0.4	73	28	48	69	5.72	0.25	13	23	2.78	920	1	0.34	33	0.05	4	100	0.26	156	68
107	GM0038	5	0.2	5.93	2	99	0.5	5	5.20	0.2	74	28	31	83	5.13	0.16	11	16	2.56	772	1	0.73	24	0.04	2	101	0.23	126	33
108	GM0039	5	0.2	4.09	2	313	0.3	5	2.54	0.5	70	16	33	113	6.82	0.60	17	19	1.67	756	1	0.07	6	0.11	2	225	0.49	173	110
109	GM0042	5	0.2	2.74	2	30	0.3	5	2.63	0.5	56	17	45	71	5.45	0.10	10	10	1.87	831	1	0.26	9	0.06	2	27	0.39	173	66
110	GM0044	5	0.2	3.26	2	31	0.3	5	2.61	0.4	61	12	17	92	6.20	0.11	15	12	1.67	408	3	0.09	3	0.11	2	126	0.31	172	33
111	GM0047	5	0.2	2.86	4	53	0.3	5	3.49	0.5	59	27	95	44	5.27	0.14	12	9	2.60	849	1	0.33	30	0.05	2	31	0.28	160	56
112	GM0049	5	0.2	4.68	2	54	0.4	5	4.64	0.5	64	28	72	72	6.42	0.12	14	16	3.05	1293	1	0.19	42	0.07	2	201	0.25	200	80
113	GM0052	5	0.2	3.53	2	359	0.3	5	2.34	0.6	58	25	70	131	6.71	0.44	16	21	2.37	796	1	0.14	34	0.06	2	185	0.27	267	130
114	GM0053	RX 5	0.2	3.22	2	121	0.5	5	1.49	0.2	54	5	26	15	1.89	1.15	9	11	0.48	486	1	0.06	5	0.04	7	40	0.13	65	30

NUMBER	LOCATIONX	LOCATIONY	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLITC	ARGILLIC	SERICITIC	POTASSIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	CPY	MAGN	LITHO	SAMPLETYP	COMMENTS
GM0001	674228	6265834	OUTCROP	MIXED	DKGREY	interbedded	none	none	none	none	none	none	none	none	none	2	none	none	none	SEDS	GRAB	fg py, fdsp xtls, seds and tufts, rusty wthmg
GM0006	673568	6263882	OUTCROP	METAMORPHI	MDGREY	foliated	none	none	none	mod	none	weak	none	weak	weak	2	none	none	none	ANDESITE	GRAB	mg, pyroxene xtls =<7mm, qtz & epidote in thin veins
GM0007	673707	6263750	OUTCROP	DIOR	WHITE	foliated	none	none	none	none	none	mod	none	none	none	4	none	none	none	ANDESITE	GRAB	as above but whiter, locally rusty wthmg
GM0008	673749	6263787	OUTCROP	METAMORPHI	DKGREY	fg	none	none	none	none	none	veined	none	none	weak	2	none	none	none	ANDESITE	CHIP	.5-1.5m zone qtz veining prll to foliation, sheared? 10cm chip
GM0009	673903	6263888	OUTCROP	ANDESITE	MDGREY	fg	none	none	none	none	none	mod	none	weak	none	4	none	none	none	TUFF	GRAB	less metamorphsd, near qtz vein similar to above
GM0012	673930	6264312	OUTCROP	METAMORPHI	DKGREY	foliated	none	none	none	none	none	mod	none	mod	weak	none	none	none	none	ANDESITE	CHIP	.5m comp chip, schistose, slightly rusty wthmg, short qtz veins over 50m
GM0015	673760	6264484	OUTCROP	METAMORPHI	MDGREY	foliated	none	none	none	none	none	mod	none	none	weak	1	none	none	none	ANDESITE	CHIP	.5m chip inc vein and wall, 15cm qtz vein, rusty and green wthmg
GM0016	673721	6264474	OUTCROP	METAMORPHI	MDGREY	foliated	none	none	none	none	none	mod	none	none	mod	1	none	none	none	ANDESITE	GRAB	qtz blebs =<.4m, ep diss and veins, slightly rusty wthmg
GM0017	673800	6264615	OUTCROP	METAMORPHI	MDGREY	foliated	none	none	none	none	none	mod	weak	none	none	none	none	none	none	ANDESITE	CHIP	.5*3m zone silicaflooding and qtz veining, .5m comp chip
GM0018	673821	6264725	OUTCROP	METAMORPHI	LTGREEN	fg	none	none	none	none	none	mod	mod	mod	tr	none	none	weak	none	ANDESITE	GRAB	green wthmg fg altered andesite with intrbddd sediments, fol weak
GM0022	674235	6265361	OUTCROP	ANDESITE	greygre	fg	none	none	none	none	none	mod	strong	none	none	3	none	none	none	LAPTF	GRAB	small lapillis, fg diss pyr, trace malachite
GM0023	674148	6264550	OUTCROP	ANDESITE	greygre	fg	none	none	none	none	none	mod	strong	none	weak	3	none	none	none	LAPTF	GRAB	2 medium grained diorite dykes intruding 15 m apart, small qtz veins and blebs
GM0034	673258	6264758	OUTCROP	AUGPORPH	DKGREY	foliated	none	none	none	none	none	weak	none	mod	weak	none	none	none	none		GRAB	xenos of lt grey dior in aug porph, sampled pyritic lt dior, xenos elongate 175dg
GM0035	673090	6264856	OUTCROP	AUGPORPH	DKGREY	foliated	none	none	none	none	none	none	weak	weak	weak	none	none	none	none		GRAB	W side of fault, foliation parallel bedding
GM0036	673171	6264893	OUTCROP	ANDESITE	LTGREY	foliated	none	none	none	none	none	weak	none	weak	none	none	none	none	none	TUFF	GRAB	drk and lt grey, lt fdsp rich, foliated, dior dyke, foliated
GM0038	673118	6264651	OUTCROP	DIOR	DKGREY	mg	none	none	none	none	none	none	none	weak	none	2	none	none	none		GRAB	fgpyr on frags, rusty wthmg, E side of fault
GM0039	672955	6264463	OUTCROP	ANDESITE	RED	fg	none	none	none	none	none	weak	none	weak	none	7	none	none	none	GOSSANOUS	GRAB	small zone of gossan, W side fault
GM0042	673346	6263818	OUTCROP	AUGPORPH	MDGREY	foliated	none	none	none	none	none	none	none	weak	none	none	none	none	none		GRAB	wk fol.
GM0044	673852	6265445	OUTCROP	METAMORPHI	MDGREY	foliated	none	none	none	none	none	none	none	none	none	10	none	none	none	SEDS	GRAB	rusty wthmg salt and pepper, could be diorite
GM0047	673472	6265001	OUTCROP	AUGPORPH	MDGREY	foliated	none	none	none	none	none	strong	none	weak	weak	none	none	none	none		GRAB	.5m chip, vein epidote, rusty frags
GM0049	672885	6264565	OUTCROP	AUGPORPH	DKGREY	foliated	none	none	none	none	none	mod	none	weak	none	none	none	none	weak		GRAB	fol., fractured, dark red wthmg
GM0052	672855	6264121	OUTCROP	ANDESITE	MDGREY	foliated	none	none	none	none	none	weak	none	weak	none	none	none	none	none	TUFF	GRAB	with aug porph
GM0053	673874	6263859	OUTCROP	METAMORPHI	WHITE	massive	none	none	none	weak	none	strong	mod	weak	mod	none	none	none	none	ANDESITE	CHIP	.75m chip at bndry of zone, trends E-W

APPENDIX III
STATEMENT OF COSTS

HEMLO GOLD MINES INC.
STATEMENT OF COSTS

PROJECT: DARB NORTHWEST

DATE: OCTOBER 1995

TYPE OF REPORT: GEOLOGICAL, GEOCHEMICAL & LINECUTTING

a)	Wages:		
	No. of Mandays:	35 mandays	
	Rate per Manday:	\$190.86/manday	
	Dates From:	June 16 to June 28, 1995	
	Total Wages:	35 x \$190.86	\$6,680.00
b)	Food & Accommodations:		
	No. of Mandays:	35 mandays	
	Rate per Manday:	\$27.50/manday	
	Dates From:	June 16 to June 28, 1995	
	Total Costs:	35 x \$27.50	\$962.50
c)	Transportation:		
	No. of Mandays:	35 mandays	
	Rate per Manday:	\$29.96/manday	
	Dates From:	June 16 to June 28, 1995	
	Total Costs:	35 x \$29.96	\$1,048.50
d)	Supplies:		
	No. of Mandays:	35 mandays	
	Rate per Manday:	\$12.63/manday	
	Dates From:	June 16 to June 28, 1995	
	Total Costs:	35 x \$12.63	\$442.00

e)	Analysis: (See attached schedule)		\$5,018.00
f)	Cost of Preparation of Report:		
	Author : 2 mandays @ \$300.00/manday		\$600.00
	Drafting: 2 mandays @ 220.00/manday		\$440.00
	Typing : 1 manday @ \$150.00/manday		\$150.00
g)	Other: Helicopter		
	Contractor: Pacific Western Helicopters Ltd. 6.6 hours @ \$762.50/hour (including fuel)		\$5,029.00
		TOTAL COST	\$20,370.00
h)	Unit Costs for Linecutting:		
	No. of Mandays: 11 mandays		
	No. of Units: 12.025 line kilometers		
	Unit Costs: \$401.24/line km		
	Total Cost: 12.025 x \$401.24		\$4,824.91
i)	Unit Costs for Geochem:		
	No. of Mandays: 14 mandays		
	No. of Units: 369 samples		
	Unit Costs: \$33.81/sample		
	Total Cost: 369 x \$33.81		\$12,474.69
j)	Unit Costs for Geology:		
	No. of Mandays: 7 mandays		
	No. of Units: 7 mandays		
	Unit Costs: \$438.63/manday		
	Total Cost: 7 x \$438.63		\$3,070.40
		GRAND TOTAL	\$20,370.00

HEMLO GOLD MINES INC.

DETAILS OF ANALYSIS COSTS

PROJECT: DARB NORTHWEST

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL COSTS
ICP (30 Element) + Geochem Au	345 Soils	\$13.50	\$4,658.00
ICP (30 Element) + Geochem Au	24 Rocks	\$15.00	<u>\$ 360.00</u> \$5,018.00

APPENDIX IV
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

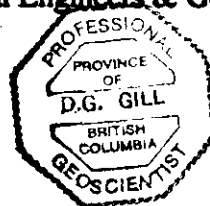
I am a geologist residing at 5442 - 7th Avenue, Delta, B.C.

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

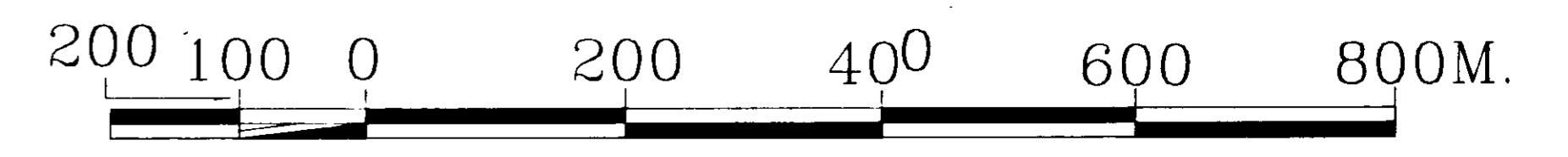
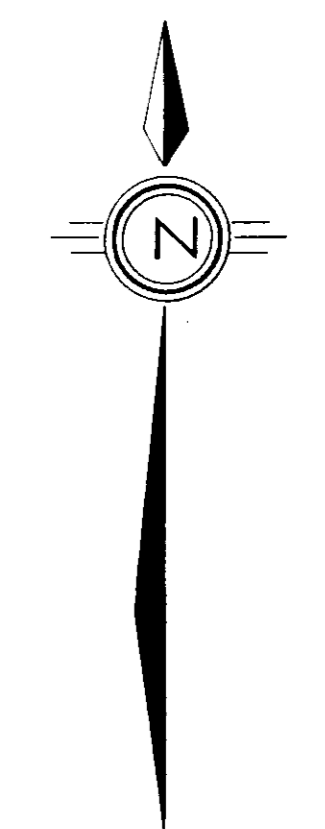
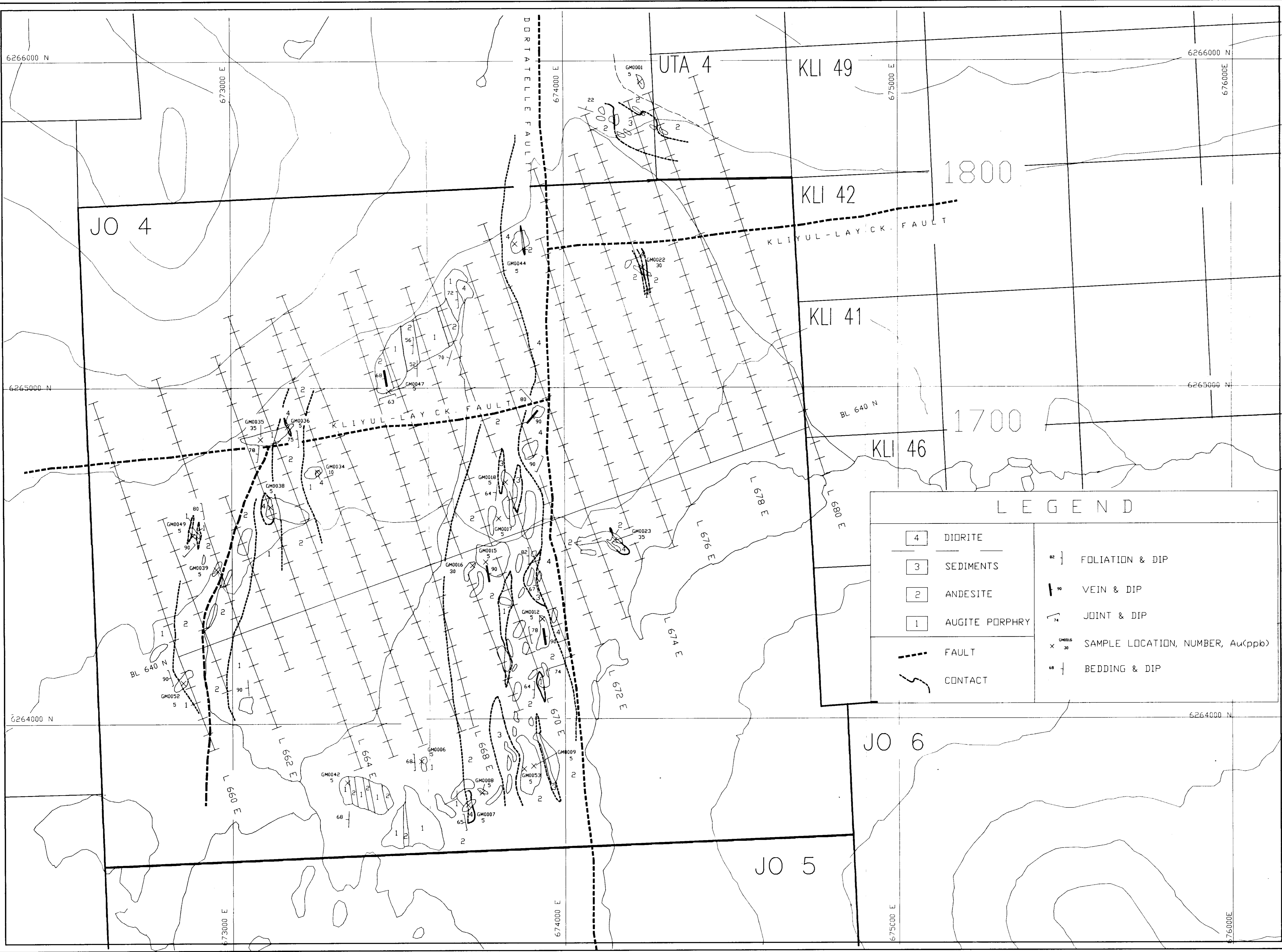
I have worked in mineral exploration since 1979.

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.



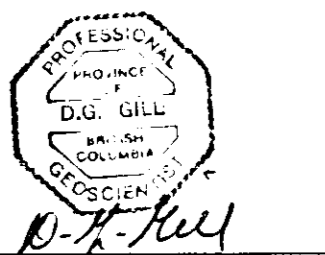

D. Graham Gill, P. Geo.

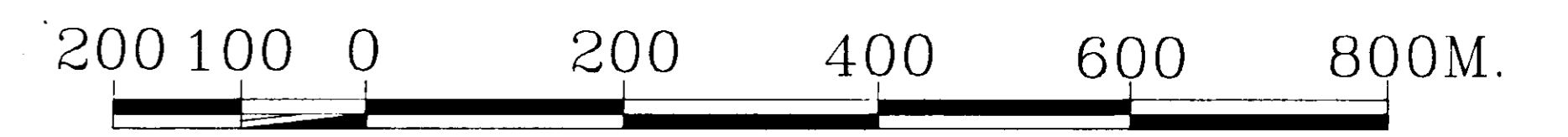
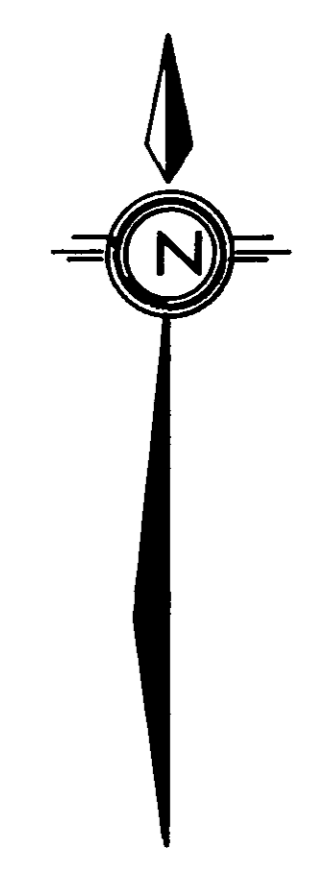
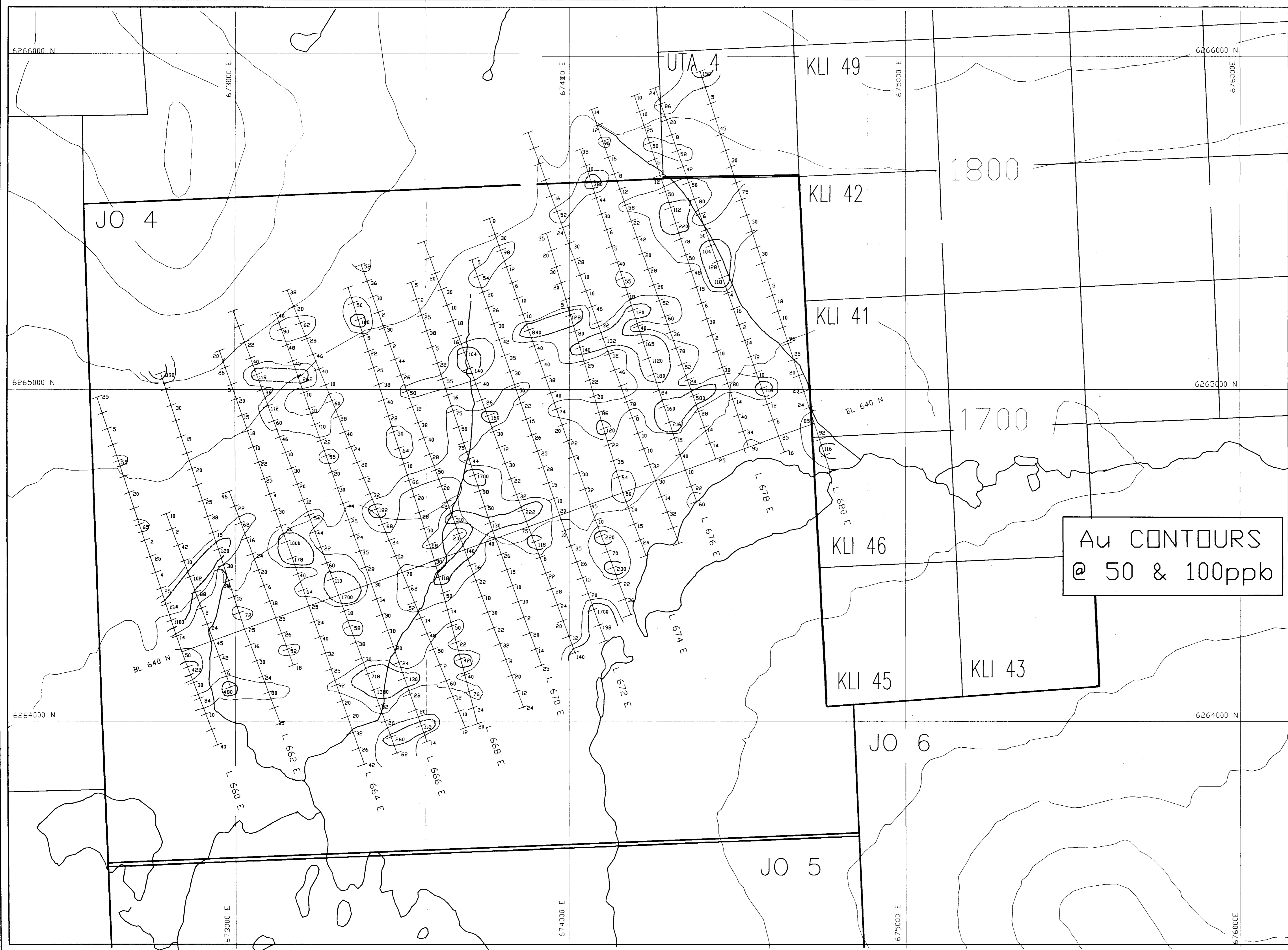


LEGEND			
4	DIORITE	82 }	FOLIATION & DIP
3	SEDIMENTS	90 }	VEIN & DIP
2	ANDESITE	74 }	JOINT & DIP
1	AUGITE PORPHYRY	X GM0016	SAMPLE LOCATION, NUMBER, Au(ppb)
- - -	FAULT	68 }	BEDDING & DIP
~	CONTACT		

TOLOGICAL BRANCH
ASSESSMENT REPORT

24,073

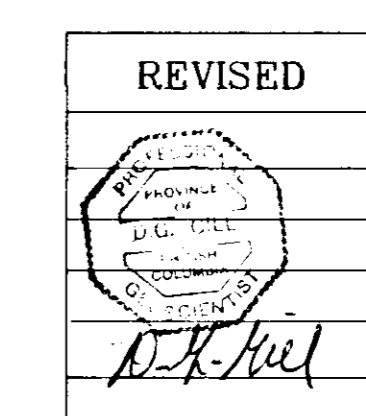
REVISED	DARB PROPERTY	
	GEOLOGY	
		
PROJ. No. 186	SURVEY BY: G. GILL	DATE: OCT. 6, 1995
N.T.S. 940/9	DRAWN BY: G. GILL	SCALE: 1:5000
DWG No. 4	HEMLO GOLD MINES INC. (i)	
	OFFICE: VANCOUVER	



TOLOGICAL BRANCH
ASSESSMENT REPORT

24,073

DARB PROPERTY
GOLD IN SOILS
(ppb)



REVISED
PROJ. No. 186
N.T.S. 940/9
DWG No. 5

SURVEY BY: G.GILL DATE: OCT. 6, 1995
DRAWN BY: G.GILL SCALE: 1:5000
HEMLO GOLD MINES INC. (2)
OFFICE: VANCOUVER