ASSESSMENT REPORT

GEOCHEMISTRY & GEOLOGY

of the

HOUSTON—TOMMY PROPERTY

(Nels 5-8, Tel 1-24, Ter 1-8 Claims)

N.T.S. 93 L/06 E

Latitude 54° 23' N
Longitude 127° 06' W

OMINECA MINING DIVISION

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

REPORT BY: MARK LISKOWICH
FIELD GEOLOGIST

OCTOBER, 1989

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SUMMARY

A total of eighteen man-days were spent working on the Houston-Tommy claims between Aug 13 and 21, 1989. This work consisted of geological mapping, prospecting, and soil and rock sampling on a number of grids.

The claim groups, which are located 30 km west of Houston, B.C. in the Telkwa Range of the Hazelton Mountains, have produced a number of rock and soil Au, Ba and Cu are anomalies.

Future work should focus on those portions of Noranda's ground that has not yet been worked, i.e., Ter 1-8 and on areas hosting previously identified geochemical anomalies.

INTRODUCTION

PURPOSE

The Houston-Tommy claims were staked in 1987 by Noranda personnel. These claims were staked after a government regional geochemical release. Follow-up work on these claims, by Noranda personnel in 1988, identified anomalies in both the rocks and soils on these claims. The purpose of this 1989 program was to map geology and to sample rocks and soils on these claims in greater detail. The objective was to locate more anomalous zones and extend those previously identified.

LOCATION AND ACCESS

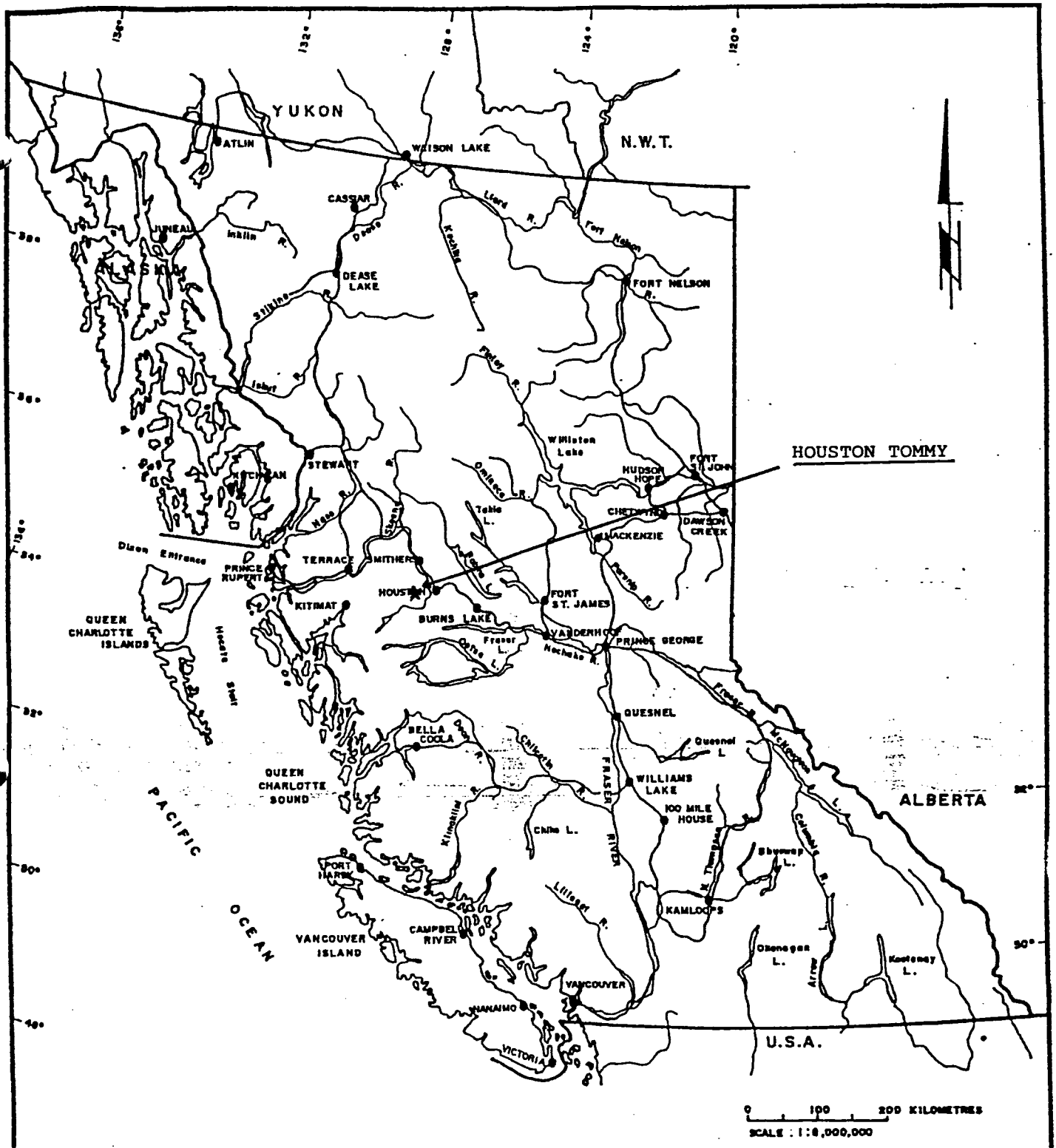
The property is located approximately 30 kilometres west of Houston, in the Telkwa Range (Figure 1 and 2). Access was by helicopter from the town of Houston. Trenches and old cat trails on the property suggest that a cat trail has been pushed into the property.

The claims lie within the Telkwa Range of the Hazelton Mountains. The property lies east of Houston Tommy Creek and south of Emerson Creek. The relief ranges from flat alpine plateaus to mountainous creek valleys. The elevation ranges from 1160 to 1830 meters.

The vegetation is composed of alpine mosses, grasses and low lying shrubs. Tree line is at approximately 1500 meters. The creek valleys are heavily forested with small spruce and fir trees.

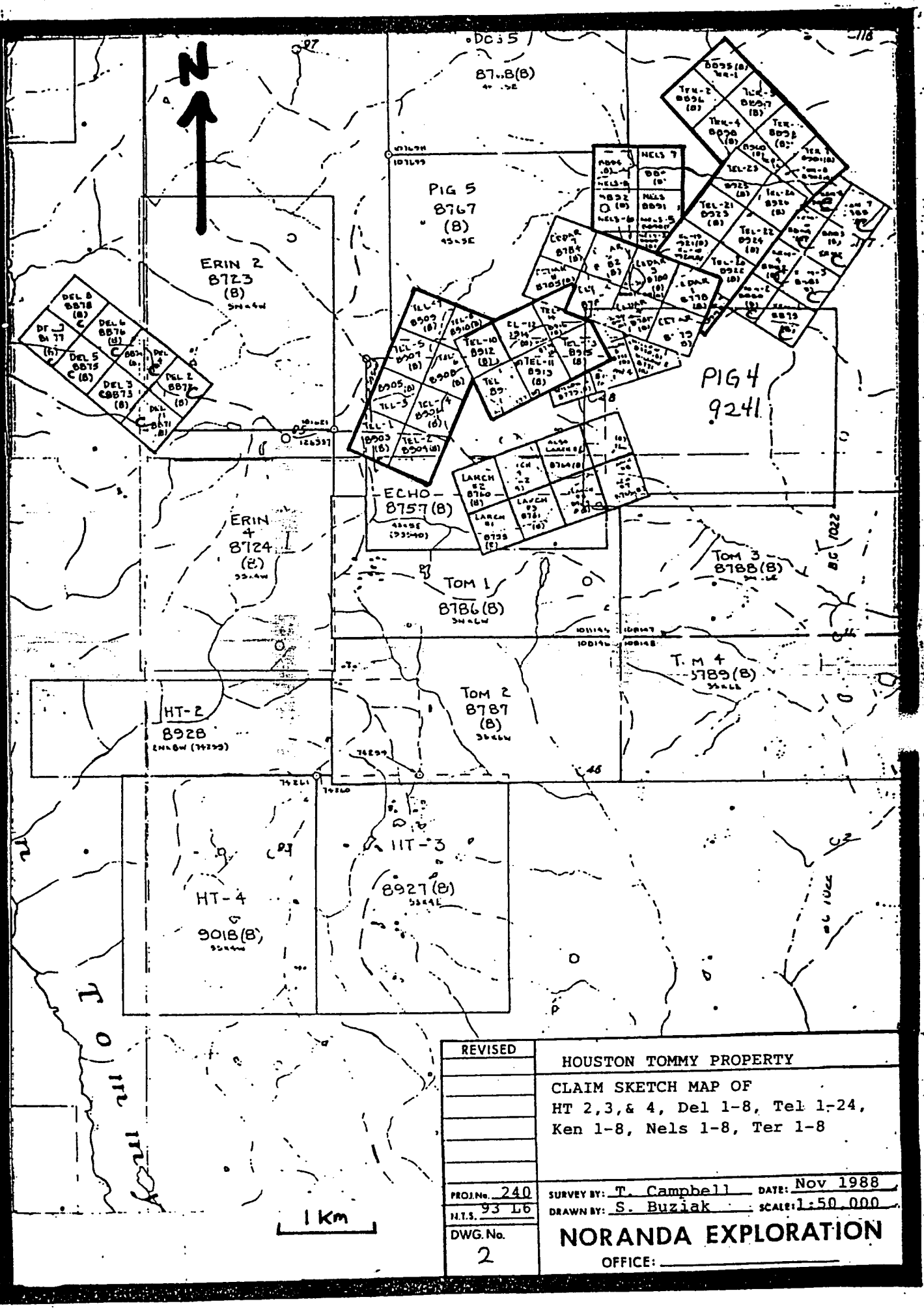
PROPERTY

Originally, the property was comprised of a fifty-six unit block of three modified grid claims; HT-2, HT-3, HT-4, and seven blocks of two-post claims. However, as of August 31, 1989 several of these claims have been allowed to lapse, namely the HT-2, HT-3, HT-4, Del 1-8, and Ken 1-8. Currently Noranda holds the Nels 3-8, Tel 18-24, and Ter 1-8 claims, which make up the TER group. Noranda also holds the TEL group, which consists of the Tel 1-18 claims. All of these claims are in good standing (Table 1).



REVISED	HOUSTON TOMMY PROPERTY
	LOCATION MAP
PROJ.No. 240	SURVEY BY: T. Campbell DATE: Nov 1988
N.T.S 93L6	DRAWN BY: S.K.B. SCALE: 1:8,000,000
DWG. No. 1	NORANDA EXPLORATION
	OFFICE: PRINCE GEORGE, B.C.

VANCAL 11...



REVISED	HOUSTON TOMMY PROPERTY
	CLAIM SKETCH MAP OF HT 2,3,& 4, Del 1-8, Tel 1-24, Ken 1-8, Nels 1-8, Ter 1-8
PROJ.No. 240	SURVEY BY: T. Campbell DATE: Nov 1988
N.T.S. 93 L6	DRAWN BY: S. Buziak SCALE: 1:50 000
DWG. No. 2	NORANDA EXPLORATION
	OFFICE:

TABLE 1 List of Claims, Houston-Tommy Property

CLAIM	RECORD #	UNITS	RECORD DATE/DUE	GROUP
Nels 5	8891	1	Aug 31 1991	TER
Nels 6	8892	1	Aug 31 1991	TER
Nels 7	8893	1	Aug 31 1991	TER
Nels 8	8894	1	Aug 31 1991	TER
Tel 1	8903	1	Aug 31 1991	TEL
Tel 2	8904	1	Aug 31 1991	TEL
Tel 3	8905	1	Aug 31 1991	TEL
Tel 4	8906	1	Aug 31 1991	TEL
Tel 5	8907	1	Aug 31 1991	TEL
Tel 6	8908	1	Aug 31 1991	TEL
Tel 7	8909	1	Aug 31 1991	TEL
Tel 8	8910	1	Aug 31 1991	TEL
Tel 9	8911	1	Aug 31 1991	TEL
Tel 10	8912	1	Aug 31 1991	TEL
Tel 11	8913	1	Aug 31 1991	TEL
Tel 12	8914	1	Aug 31 1991	TEL
Tel 13	8915	1	Aug 31 1991	TEL
Tel 14	8916	1	Aug 31 1991	TEL
Tel 18	8920	1	Aug 31 1991	TER
Tel 19	8921	1	Aug 31 1991	TER
Tel 20	8922	1	Aug 31 1991	TER
Tel 21	8923	1	Aug 31 1991	TER
Tel 22	8924	1	Aug 31 1991	TER
Tel 23	8925	1	Aug 31 1991	TER
Tel 24	8926	1	Aug 31 1991	TER
Ter 1	8895	1	Aug 31 1991	TER
Ter 2	8896	1	Aug 31 1991	TER
Ter 3	8897	1	Aug 31 1991	TER
Ter 4	8898	1	Aug 31 1991	TER
Ter 5	8899	1	Aug 31 1991	TER
Ter 6	8900	1	Aug 31 1991	TER
Ter 7	8901	1	Aug 31 1991	TER
Ter 8	8902	1	Aug 31 1991	TER

	Total	33 units		

REGIONAL GEOLOGY:

The area is underlain by lower to mid Jurassic volcanics and sediments of the Hazelton group. The group consists primarily of andesitic and rhyolitic flows with associated tuffs and breccias. Small masses of granodiorite, quartz-monzonite, or diorite intrusives occur in the map area (GSC Memoir 223). The intrusives are part of the Late Cretaceous Bulkley intrusives(?). The volcanics are thought to be part of the Telkwa Formation (GSC Bulletin 270).

PREVIOUS WORK:

In 1967, a series of silts were collected in the area by Applegate (AR 1189). In 1974, two diamond drill holes were completed by Granges Exploration (AR 5094). The holes are located on the Tel 3 and 4 claims. Approximately 70 boxes of BQ drill core are located on the Tel 4 claim. The holes were drilled to evaluate copper concentrations in the intrusives that underlie the volcanics. Other signs of advanced exploration including trenches, were observed on the Del 1-8 claims. Noranda personnel have collected stream sediment samples in previous years. Silting was done in this area as part of the Smithers map sheet RGS release of 1987.

1988:

Noranda personnel undertook a program of grid soil, reconnaissance soil, silt and rock sampling, and geological mapping. Analyses of the samples revealed several large Au and Pb/Zn soil anomalies, 9 silt anomalies, and 9 rock anomalies.

WORK UNDERTAKEN

Two men (Erskine Wigmore and Mark Liskowich) spent 18 man days working on the Houston-Tommy claims. Four of these man days were required to mobilize and demobilize the camp. The remaining 14 man days were also spent on the claims. These 14 man days were used to flag lines, prospect, map, rock and soil sample.

All lines were compassed and picketed and soil sampled every 50 metres, with the exception of some portions of the 10,000 grid and 20,000 grid baselines (see Figure 3). Where the opportunity existed, rock samples were taken. These samples were given tag numbers and were flagged. Mapping was done at 1:5,000 scale using the grids for control (Figure 5).

In total, 9.55 km of line were flagged. 168 soil samples and 25 rock samples were taken.

RESULTS

GEOLOGY & PROSPECTING:

During the 1988 work, some felsic volcanics as well as some intrusives were encountered. These volcanics were subdivided into three types.

R1 Brown Rhyolite
R2 Grey Rhyolite
R3 Red Rhyolite

The intrusives that were observed in 1988 were subdivided into:

I1 Granite
I2 Monzonite

A Tuff (T) of questionable composition and a dark grey hornfels (H) were also observed in 1988.

The areas traversed in 1989 were underlain primarily by andesitic rocks, most probably flows. The appearance of these andesites vary locally from light grey fine grained rocks to green porphyritic (phenocrysts of plagioclase) rocks, which often contain up to 5% epidote, to extremely well rusted rocks, to a calcareous andesite breccia with clasts up to 50 cm long.

At L40,135N/40,000E a green, fine grained, slightly calcareous, andesite topographically underlies a rusted porphyritic andesite.

At L19,675N/20,025E, rusty rhyolite is found topographically below calcareous, andesite breccia.

The andesites that were observed on the property by Noranda personnel were divided into 7 types. (See Figures 4 and 5).

A1 Grey Andesite
A2 Green Calcareous Andesite
A3 Rusty Andesite
A4 Andesite with abundant Epidote
A5 Andesitic Feldspar Porphyry
A6 Green and maroon Andesite with small amount of fragmental clasts.
A7 Brecciated Andesite

Old core was located at L10,900N/9,900E. This core consists of light grey andesite, andesite breccia, and quartz diorite. The collars of these drill holes were not found.

Most of the rocks encountered contain background levels of mineralization (trace to 2% pyrite). However, localized outcrops, notably on Erskine's Ridge (see sample location maps), contain small veinlets (1-3 cm wide) of pyrite +/- quartz along with small pyrite, quartz pods (5 to 10 cm across).

GEOCHEMISTRY:

Rocks -

A total of 25 rock samples were taken from the Houston-Tommy claim groups in 1989. Of these 25 samples, 16 were found to be anomalous in one or more elements.

These samples are described in Appendix 5. The lab results for these rocks are listed in Appendix 4. Their locations are given in Figures 4 and 5.

Minimum and maximum values that Noranda has obtained are listed below in Table 2.

TABLE 2 Geochemical analyses of rock samples collected from the Houston-Tommy Property

Element	Low Value	Threshold	High Value
Mo	1 ppm	10 ppm	17 ppm
Cu	2	100	1188
Pb	2	30	17
Zn	22	250	342
Ag	.1	1.6	8.0
Au	.001	0.010	.660
As	5	100	28
Sb	2	10	16
Bi	2	10	45
Ba	22	400	1073
Mn	159	2000	1457
Fe	2.00%	7.0%	15.84%

The best rock geochemical anomalies for precious metals that Noranda personnel have collected include:

Sample #	Location	Au (ppb)	Ag (ppm)	Other	Rock Type
105565	L40200N/39965E	280	2.4	673 Cu	andesite
108006	Erskine's Ridge	660	8.0	1188 Cu	andesite
108010	Erskine's Ridge	260			sulphide veinlet

Soils -

A total of 171 soil samples were taken from the Houston-Tommy claims in 1989. 137 of these samples were found to be anomalous in one or more elements.

The locations for these 171 samples can be found on Figure 3. Lab results for these samples are listed in Appendix 4.

Table 3 summarizes the lowest and highest values that Noranda personnel have obtained to date.

TABLE 3 Geochemical analyses of soil samples collected from the Houston-Tommy Property.

Element	Low Value	Threshold	High Value
Mo	1 ppm	10 ppm	54 ppm
Cu	2	100	2247
Pb	4	30	50
Zn	20	250	544
Ag	.1	1.6	3.8
Au	0.001	0.010	.560
As	2	100	23
Sb	2	10	8
Bi	2	10	35
Ba	21	400	1975
Mn	34	2000	16015
Fe	1.19%	7.0%	15.73%

Some of the better soil geochemical anomalies are listed below:

Location	Au (ppb)	Other Elements
L50300N/50050E	100	
L50300N/50300E	510	3.37% Al, 121 ppm Cu
L40300N/40200E	178	
L40100N/39750E	560	3.8 ppm Ag, 289 ppm Zn, 2247 ppm Cu
L40100N/39800E	142	292 ppm Zn, 793 ppm Cu
L21300E/19550N	115	518 ppm Ba

See Figure 3 for grid locations.

All of the samples, soil, silt and rock, were analyzed for 30 elements by I.C.P. and Au by atomic absorption. The analytical data is presented in Appendix 3.

Geochemical Patterns -

Some interesting areas have been identified from the soil geochemistry of the Houston-Tommy creek area (Figure 3). A minor gold, copper, molybdenum, barium association can be seen in a number of samples. However, much more work is required before any major geochemical patterns can be identified.

CONCLUSIONS

Of the rocks encountered, those found on Erskine's Ridge (see Figure 4 and 5) appeared to host the most promising mineralization. A number of anomalous soil and rock samples have been obtained throughout these claim groups. The most interesting of these samples appear on the Nels claims. Enough geochemical anomalies have been uncovered to warrant more work in the area.

RECOMMENDATIONS

Soil geochemistry should be performed on those areas missed by Noranda personnel in August of 1989.

More time should be spent on mapping and rock sampling the rock faces (where possible) along both claim groups.

Soil, silt and rock sampling should be initiated on the Ter claims.

As well, a geophysical survey should be conducted over the entire area, i.e., magnetometer survey or possibly an I.P. survey.

BIBLIOGRAPHY

Applegate, L. M., 1967, Geochemical Report, BCMEMPR AR 1189, Victoria, B. C.

Kindle, E. D., 1954, Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia, GSC Memoir 223, Ottawa, Ontario.

Reid, R. E., 1974, Diamond Drilling Report, BCMEMPR AR 5094, Victoria, B. C.

Tipper, H. W. and Richards, T. A., 1976, Jurassic Stratigraphy and History of North Central British Columbia, GSC Bulletin 270, Ottawa, Ontario.

STATEMENT OF QUALIFICATIONS

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RELEVANT TRAINING:

B.Sc. (1989)	University of Regina Regina, Saskatchewan Geology

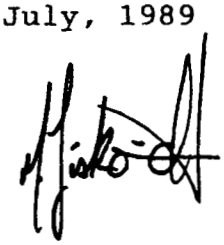
RELEVANT EXPERIENCE:

May 1989 ...	Field Geologist Noranda Exploration Company, Limited Prince George, B. C.
May 1988-Aug. 1988	Senior Geological Assistant CaMeco/Sask. Mining & Development Corp. La Rouge, Sask.
May 1987-Aug. 1987	Geological Assistant Saskatchewan Mining & Development Corp. La Rouge, Sask.
June 1986-Aug. 1986	Geological Assistant Saskatchewan Energy & Mines Precambrian Division Regina, Sask.

PROFESSIONAL AFFILIATIONS:

Member, Saskatchewan Geological Society.

Mark Liskowich
Field Geologist
July, 1989



APPENDIX 1. List of Personnel
Houston-Tommy Property

NAME	POSITION	DATES IN FIELD
Mark Liskowich	Geologist	13-21 August 1989
Erskine Wigmore	Assistant	13-21 August 1989

APPENDIX 2. Statement of Costs
Houston-Tommy Property

LABOUR:			
18 man days at $200.00			$ 3,600.00
FOOD & ACCOMMODATIONS:			
18 man days at $50.00			$ 900.00
SUPPLIES:			
18 man days at $20.00			$ 360.00
TRANSPORTATION:			
Helicopter time and gas			$ 1,332.00
TRUCK RENTAL:			
1 week at $900/month			$ 225.00
ANALYSIS:			
168 soil prep at $.85	$ 142.80		
25 rock prep at $3.00	$ 75.00		
193 30 element ICP at $6.25	$1206.25		
193 Au by Atomic Absorption at $4.50		$ 868.50	
Total:			$ 2,292.55
FREIGHT ON SAMPLES			$ 100.00
REPORT PREPARATION:			
Author 3 days at $120	$360.00		
Drafting 1 day at $150	$150.00		
Typing 1 day at $100	$100.00		
Total:			$ 610.00
		TOTAL COST:	$ 9,419.55

or 18 man days at $523.00/man day

Man days pro-rated:	
Tel Group 7 man days at $523.00	$ 3,661.00
Ter Group 11 man days at $523.00	$ 5,753.00

APPENDIX III

ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

Revised:01/86

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver. (March, 1984)

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 analysis.

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

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 0.2 g or less depending on the matrix of the rock, and twice as much acid is used for decomposition than that is used for silt or soil.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn (all the group A elements of the fee schedule) can be determined directly from the digest (dissolution) with an atomic absorption spectrometer (AA). 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 acid solution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.4 g sample is digested with 1.5 mL of 70 % perchloric acid and 0.5 mL of conc. nitric acid. A Varian AA-475 equipped with an As-EDL measures the arsenic concentration of the digest.

Barium – Ba: 0.1 g sample is decomposed with conc. perchloric, nitric and hydrofluoric acid. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth – Bi: 0.2 g – 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 into the flame of the AA instrument c/w EDL.

Gold – Au: 10.0 g sample (Pan-concentrates see below) is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with Methyl iso-Butyl ketone (MIBK) from the aqueous solution. Gold is determined from the MIBK solution with flame AA.

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 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, taken from a perchloric-nitric (3:1) decomposition, usually from the multi-element digestion, is diluted with water and a phosphate buffer. This solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

LOWEST VALUES REPORTED IN PPM

Ag – 0.2	Mn – 20	Zn – 1	Au – 0.01 (10PPB)
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 4

ANALYTICAL RESULTS

Houston Tommy (ML)

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P5 SOIL P6 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. P-pulverized, -40 mesh.

DATE RECEIVED: AUG 31 1989 DATE REPORT MAILED: Sept 7/89. SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Noranda Exploration Co. Ltd. PROJECT 8909-020 277 File # 89-3377 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L50600N 50000E	1	7	6	27	.2	4	2	59	2.13	2	5	ND	1	6	1	2	2	58	.03	.035	8	12	.25	36	.04	2	.95	.01	.01	1	1
L50600N 50050E	19	21	13	68	.4	6	6	256	3.22	4	5	ND	1	14	1	2	2	47	.18	.059	8	14	.53	1067	.02	2	1.84	.01	.07	1	3
L50600N 50100E	1	6	4	20	.2	1	1	34	1.19	2	5	ND	1	4	1	2	2	23	.02	.020	7	4	.03	32	.02	2	.46	.01	.02	1	2
L50600N 50150E	2	10	8	33	.2	2	2	155	3.61	6	5	ND	1	5	1	2	2	46	.02	.040	6	7	.08	46	.02	2	1.00	.01	.02	1	7
L50600N 50200E	2	37	8	60	.3	6	4	328	5.89	5	5	ND	1	3	1	2	2	43	.02	.047	5	19	.21	36	.02	2	1.33	.01	.03	1	9
L50600N 50250E	2	25	5	36	.1	2	2	155	3.91	7	5	ND	1	2	1	4	2	28	.01	.030	6	8	.07	21	.02	2	.83	.01	.02	1	9
L50600N 50300E	2	20	10	67	1.6	7	5	238	3.37	5	5	ND	1	5	1	2	2	45	.03	.042	6	15	.45	59	.03	2	1.81	.01	.04	2	6
L50600N 50350E	1	12	8	56	.3	5	4	180	3.30	4	5	ND	1	6	1	2	2	48	.03	.027	6	12	.35	55	.03	2	1.32	.01	.03	1	5
L50600N 50400E	1	2	4	25	.2	1	2	168	1.73	4	5	ND	1	9	1	2	2	26	.15	.010	6	2	.20	119	.06	2	.60	.01	.02	1	8
L50600N 50450E	2	14	5	43	.3	2	3	174	3.42	3	5	ND	1	10	1	2	2	47	.03	.038	7	9	.16	114	.03	2	1.35	.01	.03	1	7
L50500N 50000E	7	19	5	46	.3	3	4	152	4.87	5	5	ND	1	4	1	2	2	35	.02	.060	6	10	.22	51	.02	2	1.49	.01	.03	2	3
L50500N 50050E	25	68	11	223	.2	6	15	1907	5.67	4	5	ND	1	7	1	2	2	44	.07	.131	9	17	.49	347	.02	2	2.82	.01	.09	1	6
L50500N 50100E	13	27	5	80	.3	3	8	736	4.95	6	5	ND	1	6	1	2	2	32	.07	.064	6	8	.25	151	.02	2	1.49	.01	.04	1	3
L50500N 50150E	3	22	6	43	.1	3	8	854	5.05	6	5	ND	1	4	1	2	2	31	.04	.026	6	7	.25	74	.03	2	.89	.01	.04	2	4
L50500N 50200E	3	60	5	45	.8	4	4	235	4.24	12	5	ND	1	3	1	2	2	31	.02	.051	5	11	.23	44	.02	2	1.34	.01	.03	1	107
L50500N 50250E	2	66	6	50	.2	3	5	264	4.24	14	5	ND	1	5	1	2	2	39	.03	.049	5	9	.17	94	.02	2	1.03	.01	.04	1	517
L50500N 50300E	4	89	6	88	.5	6	6	290	3.31	5	5	ND	1	14	1	2	2	34	.16	.091	8	12	.53	387	.02	4	2.24	.01	.07	1	227
L50500N 50350E	8	96	10	115	.3	6	8	1060	3.61	7	5	ND	1	19	1	2	2	37	.34	.054	9	12	.48	677	.02	2	2.11	.01	.07	1	5
L50500N 50400E	23	496	15	130	.2	10	15	5466	4.62	14	5	ND	1	26	1	2	2	36	.44	.190	29	19	.67	662	.02	2	4.25	.01	.08	1	4
L50500N 50450E	9	40	4	52	.1	3	5	336	4.26	12	5	ND	1	12	1	2	2	81	.05	.062	6	11	.17	112	.05	3	.84	.01	.02	1	2
L50400N 50000E	12	27	7	112	.3	5	4	175	4.61	6	5	ND	1	8	1	2	2	57	.06	.055	6	17	.33	202	.03	2	1.86	.01	.04	1	1
L50400N 50050E	7	37	5	62	.1	4	6	362	4.05	5	5	ND	1	5	1	2	2	39	.04	.072	5	12	.30	84	.02	2	1.68	.01	.04	1	3
L50400N 50100E	7	50	5	59	.2	6	9	427	5.43	9	5	ND	1	8	1	2	2	50	.10	.056	7	21	.30	201	.02	3	1.74	.01	.04	1	3
L50400N 50150E	7	74	16	96	1.5	8	7	352	4.34	7	5	ND	1	15	1	2	2	45	.14	.085	9	16	.47	365	.02	2	2.49	.01	.06	1	8
L50400N 50200E	3	43	11	75	.1	5	5	248	5.00	10	5	ND	1	6	1	3	2	45	.04	.074	5	16	.31	81	.03	2	1.91	.01	.02	1	3
L50400N 50250E	1	12	8	52	.1	6	4	276	1.75	2	5	ND	1	12	1	2	2	47	.06	.062	7	14	.40	124	.08	2	1.15	.01	.02	1	127
L50400N 50300E	1	13	9	50	.2	5	3	397	2.31	4	5	ND	1	13	1	2	2	51	.04	.078	6	17	.27	110	.05	2	1.19	.01	.02	1	167
L50400N 50350E	2	29	6	69	.1	6	5	321	3.55	6	5	ND	1	8	1	2	2	54	.05	.051	6	16	.42	87	.05	2	1.81	.01	.03	1	12
L50400N 50400E	1	29	6	61	.3	6	5	291	5.89	4	5	ND	1	9	1	2	2	73	.04	.066	5	18	.34	113	.06	2	1.74	.01	.02	1	5
L50400N 50450E	3	46	7	55	1.0	6	5	271	3.72	6	5	ND	1	8	1	2	2	52	.04	.069	6	21	.37	77	.03	2	2.76	.01	.02	1	42
L50300N 50000E	3	41	8	79	.2	7	6	373	5.46	7	5	ND	1	9	1	2	2	64	.06	.077	5	31	.41	130	.04	418	2.55	.01	.03	1	9
L50300N 50050E	17	66	9	214	.3	11	11	825	5.65	7	5	ND	1	16	1	2	2	66	.17	.095	5	29	.69	420	.03	2	2.19	.01	.07	1	1007
L50300N 50100E	3	79	11	133	.1	13	9	472	5.98	10	5	ND	1	11	1	2	2	64	.06	.055	5	32	.67	153	.05	2	2.96	.01	.03	1	327
L50300N 50150E	9	125	11	167	.3	10	14	4785	5.31	7	5	ND	1	12	1	2	3	75	.09	.118	8	26	.63	397	.03	2	4.13	.01	.09	1	32
L50300N 50200E	4	67	11	113	.2	8	10	966	6.46	6	5	ND	1	9	1	2	2	65	.06	.070	5	23	.57	135	.04	2	2.05	.01	.03	1	187
L50300N 50250E	2	41	6	66	.3	7	5	321	3.34	4	5	ND	1	19	1	2	2	51	.05	.066	5	21	.51	246	.03	2	2.49	.01	.03	1	137
STD C/AU-S	17	58	39	132	6.6	71	30	932	3.62	39	16	6	37	47	18	19	21	59	.46	.089	38	56	.87	173	.07	32	1.80	.06	.14	11	52

Soil n=36

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Br PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L50300N 50300E	6	121	13	158	.2	17	16	1151	6.27	11	5	ND	1	18	1	2	2	79	.07	.064	6	37	.92	277	.07	5	3.37	.01	.06	1	510
L40400N 40250E	1	35	10	82	.3	7	6	647	3.99	9	5	ND	1	12	1	2	2	72	.10	.069	5	25	.35	80	.04	2	1.88	.01	.04	1	9
L40400N 40300E	1	42	6	100	.1	14	11	1024	4.73	10	5	ND	2	12	1	2	2	77	.26	.088	7	29	.77	85	.11	2	1.47	.01	.05	1	6
L40400N 40350E	1	10	10	35	.1	3	2	172	1.43	6	5	ND	1	12	1	2	2	39	.07	.038	6	11	.16	73	.07	2	1.09	.01	.03	2	15
L40400N 40400E	1	18	8	76	.2	7	4	463	2.25	2	5	ND	1	15	1	2	3	50	.09	.094	6	20	.39	99	.04	2	2.13	.01	.06	1	5
L40400N 40450E	1	29	10	87	.1	10	6	413	4.45	6	5	ND	1	10	1	2	2	70	.12	.109	5	25	.52	70	.06	2	1.93	.01	.04	2	13
L40300N 40200E	1	44	11	136	.1	14	15	1029	5.05	10	5	ND	2	9	1	2	2	80	.17	.068	9	32	.79	113	.10	2	2.63	.01	.06	1	170
L40300N 40250E	1	26	9	80	.3	7	5	382	3.37	9	5	ND	1	11	1	2	2	63	.10	.068	5	23	.31	79	.05	2	1.63	.01	.04	1	23
L40300N 40300E	1	45	19	177	.1	19	10	503	3.70	13	5	ND	1	16	1	2	2	76	.31	.068	6	40	.95	159	.06	2	2.25	.01	.05	1	60
L40300N 40350E	1	11	9	49	.1	4	2	164	1.36	5	5	ND	1	14	1	2	2	36	.11	.042	6	13	.22	83	.05	2	1.21	.01	.03	1	9
L40300N 40400E	1	13	7	51	.1	4	3	231	2.25	5	5	ND	1	9	1	2	2	41	.10	.057	4	15	.25	61	.04	2	1.06	.01	.03	1	12
L40300N 40450E	1	25	9	98	.1	11	6	431	3.51	6	5	ND	1	11	1	2	2	65	.14	.077	5	29	.64	68	.05	6	2.45	.01	.04	1	8
L40200N 40200E	1	27	6	83	.1	5	5	428	4.00	9	5	ND	1	11	1	2	2	68	.07	.067	5	16	.36	80	.04	2	1.74	.01	.04	1	13
L40200N 40250E	1	41	9	151	.2	15	7	529	3.26	6	5	ND	1	14	1	2	2	67	.17	.093	6	29	.76	300	.06	2	3.05	.01	.05	1	14
L40200N 40300E	1	21	8	78	.1	10	5	306	2.83	3	5	ND	1	13	1	2	2	55	.16	.069	5	25	.46	114	.04	2	1.61	.01	.03	1	57
L40200N 40350E	1	41	8	127	.1	18	10	596	3.88	7	5	ND	1	13	1	2	2	73	.21	.087	6	40	.87	130	.08	2	2.55	.01	.05	1	6
L40200N 40400E	1	15	7	113	.1	13	7	380	3.01	8	5	ND	1	16	1	2	2	57	.29	.057	4	26	.74	75	.06	2	1.57	.01	.03	1	117
L40100N 39750E	3	2247	11	288	3.8	47	47	1602	7.52	3	5	ND	1	42	1	2	137	337	.21	.058	3	83	2.38	5017	.12	2	4.02	.01	.21	1	560
L40100N 39800E	1	793	18	292	1.1	44	26	1507	7.03	6	5	ND	2	60	1	2	7	149	.23	.071	3	89	2.37	745	.13	2	5.33	.01	.35	1	1423
L40100N 39850E	1	216	24	312	.2	37	22	1227	5.56	5	5	ND	1	67	1	2	2	122	.25	.081	5	65	1.74	429	.10	2	3.19	.01	.08	3	67
L40100N 39900E	2	111	18	146	.1	16	12	1146	5.67	10	5	ND	1	31	1	2	4	89	.11	.120	6	41	.73	240	.03	2	2.66	.01	.06	2	187
L40100N 39950E	1	91	11	147	.1	13	9	755	4.75	9	5	ND	1	10	1	2	2	63	.12	.087	7	29	.54	140	.05	2	2.74	.01	.07	1	25
L40100N 40000E	1	50	11	140	.1	10	10	821	5.47	12	5	ND	1	10	1	3	2	54	.07	.084	10	21	.45	159	.04	2	2.64	.01	.06	1	197
L40100N 40050E	1	32	9	117	.1	6	7	814	5.75	10	5	ND	1	7	1	2	2	46	.06	.153	7	14	.54	66	.04	2	2.39	.01	.05	1	3
L40100N 40100E	1	26	10	92	.1	8	5	385	3.28	8	5	ND	1	17	1	2	2	52	.10	.079	7	20	.38	181	.04	2	2.10	.01	.05	1	197
L40100N 40150E	1	23	8	105	.2	11	6	366	2.60	4	5	ND	1	16	1	2	3	48	.14	.108	5	23	.50	208	.05	2	1.95	.01	.06	1	7
L40100N 40200E	1	37	9	122	.2	12	7	968	4.31	8	5	ND	1	15	1	2	2	74	.14	.108	5	32	.60	196	.06	2	2.38	.02	.06	1	167
L40100N 40250E	1	24	6	62	.1	7	5	352	2.76	4	5	ND	1	16	1	2	2	63	.12	.061	5	27	.29	104	.05	2	1.65	.01	.04	1	375
L40100N 40300E	1	28	8	110	.2	11	7	481	4.00	8	5	ND	1	12	1	2	2	65	.13	.073	6	30	.68	78	.07	2	3.19	.01	.04	1	5
L40100N 40350E	1	15	9	60	.1	4	3	145	2.22	3	5	ND	1	16	1	2	2	49	.10	.044	6	19	.13	89	.04	2	1.47	.01	.03	2	247
L40100N 40400E	1	23	8	94	.1	13	8	467	3.90	8	5	ND	1	14	1	2	2	71	.21	.091	6	32	.73	83	.07	5	2.58	.01	.03	1	219
L30400N 29600E	1	9	7	24	.1	2	1	75	1.02	2	5	ND	1	5	1	2	2	19	.02	.021	6	7	.09	39	.06	2	1.04	.01	.02	1	110
L30400N 29650E	1	27	7	81	.1	5	4	437	17.93	6	5	ND	2	6	1	2	2	126	.04	.047	6	15	.53	41	.11	3	2.11	.01	.03	3	3
L30400N 29700E	1	32	10	103	.1	8	8	628	19.24	2	5	ND	2	10	1	2	2	133	.06	.052	5	24	.84	64	.14	3	2.74	.01	.04	1	4
L30400N 29750E	4	72	8	74	.2	6	5	426	6.27	9	5	ND	1	7	1	2	2	60	.04	.053	6	19	.45	75	.05	3	2.67	.01	.03	2	12
L30400N 29800E	7	46	8	49	.2	4	4	214	5.56	8	5	ND	2	9	1	2	2	71	.04	.022	8	13	.27	60	.05	2	1.56	.01	.03	1	317
STD C/AU-S	18	62	41	132	6.9	73	31	1011	3.89	41	22	7	40	49	19	18	22	61	.49	.094	40	52	.89	179	.07	34	1.86	.06	.14	13	49

Soil n=36

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L30400N 29850E	54	836	11	195	.1	3	37	1307	15.73	16	5	ND	3	373	1	2	2	15	.34	.109	6	2	1.05	4975	.01	2	5.66	.01	.11	1	210
L30400N 29900E	16	144	13	101	.3	6	12	2206	4.22	5	5	ND	2	13	1	2	2	40	.04	.148	7	20	.33	115	.04	2	1.20	.01	.03	1	167
L30400N 29950E	3	60	9	119	.2	7	8	413	8.46	6	5	ND	2	9	1	3	2	55	.03	.068	5	18	.47	114	.03	2	2.53	.01	.03	1	5
L30400N 30000E	4	50	9	82	.3	6	5	284	7.91	6	5	ND	1	11	1	3	2	79	.05	.085	5	23	.33	93	.06	3	1.70	.01	.04	1	6
L30400N 30050E	8	167	15	214	.1	17	12	1264	5.58	6	5	ND	1	32	1	2	2	60	.09	.080	10	34	1.12	254	.05	2	3.24	.01	.08	1	2
L30400N 30100E	2	58	99	190	.6	21	13	1031	5.63	4	5	ND	1	25	1	2	2	103	.08	.067	5	52	1.03	303	.08	2	3.38	.01	.06	1	8
L30200N 29600E	2	23	12	56	1.5	4	3	204	2.26	7	7	ND	1	7	1	2	2	47	.04	.045	6	16	.35	79	.03	2	1.81	.01	.05	3	9
L30200N 29650E	19	259	20	155	.3	11	25	3858	7.38	10	5	ND	1	16	1	2	2	67	.04	.141	8	27	.55	164	.03	3	3.54	.01	.10	1	116
L30200N 29700E	2	58	12	116	1.4	12	7	420	4.26	3	5	ND	1	9	1	2	2	59	.07	.093	5	32	.60	103	.04	2	3.67	.01	.04	1	101
L30200N 29750E	8	70	8	114	.1	9	10	1213	4.88	3	5	ND	1	22	1	3	2	89	.29	.056	6	17	1.18	235	.10	2	2.28	.03	.05	2	4
L30200N 29900E	16	76	16	133	1.2	10	9	461	5.13	3	5	ND	2	18	1	2	2	52	.18	.121	12	25	.72	141	.05	2	4.46	.01	.06	1	107
L30200N 29850E	7	437	8	114	.1	10	245	16015	4.26	4	5	ND	1	13	1	2	2	43	.15	.056	8	16	.69	223	.06	5	1.67	.02	.15	1	9
L30200N 29900E	5	80	8	104	.6	8	9	683	8.30	8	5	ND	1	7	1	2	2	76	.04	.069	7	26	.61	97	.05	2	2.73	.01	.06	1	8
L30200N 29950E	4	34	9	58	.3	5	5	463	3.09	4	5	ND	1	14	1	3	2	50	.04	.102	7	15	.36	107	.03	3	1.47	.01	.04	1	127
L30200N 30050E	3	31	11	76	.2	8	6	603	3.51	7	5	ND	1	17	1	2	2	60	.05	.050	7	19	.51	120	.06	2	2.15	.01	.05	1	16
L30200N 30100E	5	41	8	106	.3	10	8	1502	5.07	5	5	ND	1	17	1	2	3	77	.05	.123	6	28	.58	139	.07	2	2.53	.01	.07	1	4
L30200N 30150E	1	346	13	245	.2	45	24	1208	5.24	2	5	ND	1	24	1	2	2	107	.18	.039	4	73	2.67	187	.11	2	5.11	.01	.08	1	197
L10900N 9550E	1	34	13	124	.3	8	8	601	2.59	4	5	ND	1	10	1	2	2	66	.16	.115	6	19	.89	139	.11	2	3.05	.01	.08	1	2
L10900N 9600E	2	69	15	149	.1	15	10	813	3.71	3	5	ND	1	13	1	2	2	77	.19	.125	7	33	1.23	81	.12	2	3.33	.01	.09	1	3
L10900N 9650E	2	182	17	142	.1	9	11	894	4.59	6	5	ND	1	10	1	2	2	92	.12	.110	6	21	.98	110	.08	2	3.41	.01	.06	1	2
L10900N 9700E	3	164	13	128	.1	12	11	725	5.62	6	5	ND	1	11	1	2	2	86	.14	.100	7	27	1.05	114	.09	2	3.37	.01	.06	1	2
L10900N 9750E	1	69	10	129	.1	12	10	815	4.70	5	5	ND	1	14	1	2	2	90	.17	.095	6	25	1.16	91	.09	2	3.21	.01	.06	1	1
L10900N 9800E	2	91	9	126	.1	14	11	765	4.40	5	5	ND	1	26	1	2	2	102	.33	.113	8	33	1.21	116	.13	2	2.82	.01	.05	1	1
L10900N 9850E	4	126	14	131	.2	11	9	649	4.87	3	5	ND	1	18	1	2	2	97	.17	.109	7	28	1.13	111	.12	3	3725	.01	.07	1	2
L10900N 9900E	4	195	28	211	.1	14	20	1688	6.69	10	5	ND	2	38	1	2	2	112	.34	.125	8	25	1.30	172	.15	2	3.72	.01	.08	1	6
L10900N 9950E	1	48	16	180	.1	9	12	907	5.18	11	5	ND	1	26	1	2	2	94	.31	.087	7	18	1.12	94	.14	2	3.37	.01	.06	1	3
L10900N 10000E	1	31	15	237	.1	9	7	758	3.00	12	5	ND	1	22	1	2	2	58	.32	.093	6	17	.87	172	.05	2	2.87	.01	.08	1	117
L10900N 10050E	1	37	18	166	.3	12	9	838	3.56	10	5	ND	1	22	1	2	2	62	.16	.112	7	24	.87	299	.04	2	3.17	.01	.06	2	147
L10900N 10100E	3	57	15	188	.1	14	10	893	4.53	8	5	ND	1	22	1	2	2	68	.10	.079	8	24	.97	422	.06	2	3.26	.01	.08	4	307
L10900N 10150E	2	75	16	245	.1	18	14	1164	5.04	9	5	ND	1	12	1	2	2	72	.10	.073	7	34	.86	192	.07	2	2.83	.01	.09	1	247
L10900N 10200E	1	68	15	217	.1	22	12	1138	4.80	8	5	ND	1	16	1	2	2	84	.18	.062	8	39	1.12	274	.08	187	3.09	.01	.07	1	107
L10900N 10250E	1	68	19	203	.1	20	11	978	4.02	6	5	ND	1	19	1	2	2	73	.13	.097	9	34	1.07	156	.06	4	3.20	.01	.08	1	8
L10900N 10300E	1	103	15	222	.1	27	16	1294	4.95	7	5	ND	1	32	1	2	2	95	.41	.089	7	40	1.66	217	.11	2	3.52	.01	.09	1	7
L10900N 10350E	1	40	10	266	.1	11	22	3087	7.28	10	5	ND	2	86	1	2	2	197	.80	.114	7	13	1.69	218	.14	4	4.14	.01	.10	1	127
L10900N 10400E	1	21	31	241	.1	5	10	2839	5.84	21	5	ND	1	15	2	2	2	65	.48	.177	9	10	1.12	253	.02	3	2.85	.01	.08	2	2
L10900N 10450E	1	53	11	163	.1	17	12	1239	4.59	5	5	ND	1	12	1	2	2	70	.14	.066	6	30	1.02	115	.08	2	2.88	.01	.07	1	317
STD C/AU-S	17	59	40	132	6.7	71	31	995	3.83	42	19	7	38	48	19	15	20	60	.44	.094	39	52	.88	173	.07	34	1.85	.06	.13	12	52

Soil n = 36

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L10500N 9600E	1	56	17	238	.1	18	15	1702	5.13	10	5	ND	2	23	1	2	3	79	.35	.106	11	28	1.23	201	.10	2	[illegible]	.01	.13	1	[illegible]
L10500N 9650E	1	43	19	[illegible]	.1	15	13	1405	5.00	17	5	ND	2	27	1	2	2	88	.25	.100	8	25	1.27	[illegible]	.13	2	[illegible]	.01	.09	1	9
L10500N 9700E	1	26	16	210	.1	9	7	788	3.04	13	5	ND	1	27	1	2	2	56	.13	.110	7	19	.77	186	.06	2	[illegible]	.01	.06	1	5
L10500N 9750E	4	45	13	161	.1	11	7	634	3.17	7	5	ND	1	15	1	2	2	47	.10	.090	10	19	.85	296	.06	2	2.99	.01	.07	2	[illegible]
L10500N 9800E	2	36	15	121	.1	10	7	764	3.19	5	5	ND	1	27	1	2	3	51	.13	.131	8	23	.70	162	.04	2	[illegible]	.02	.08	1	[illegible]
L10500N 9850E P	1	20	11	129	.1	9	8	826	3.38	3	5	ND	1	10	1	2	2	47	.15	.077	5	18	.80	77	.05	2	2.29	.01	.08	1	1
L10500N 9900E	2	42	15	156	.1	13	9	769	3.51	7	5	ND	1	16	1	2	2	54	.16	.137	7	27	.81	147	.05	3	[illegible]	.01	.06	1	6
L10500N 9950E	2	71	17	173	.1	20	12	960	4.17	6	5	ND	1	18	1	2	4	74	.16	.071	6	37	1.08	221	.08	2	[illegible]	.01	.07	3	[illegible]
L10500N 10000E P	1	25	10	120	.1	15	10	1011	3.37	8	5	ND	1	19	1	2	2	64	.22	.075	5	31	1.04	99	.10	3	2.30	.02	.11	1	2
L10500N 10050E	1	55	13	136	.1	15	11	1270	4.44	10	5	ND	1	24	1	2	2	73	.25	.111	9	30	.92	203	.10	2	2.90	.01	.08	1	[illegible]
L10500N 10100E	1	28	16	133	.1	14	7	554	3.47	9	5	ND	1	20	1	2	2	63	.24	.097	5	27	.72	116	.05	3	[illegible]	.01	.06	1	8
L10500N 10150E	1	45	11	108	.1	22	11	746	3.78	4	5	ND	1	36	1	2	2	80	.62	.071	8	40	1.21	204	.09	4	2.69	.01	.07	1	6
L10500N 10200E	1	15	[illegible]	90	.2	8	5	553	2.54	3	5	ND	1	24	1	2	4	55	.34	.178	6	19	.42	159	.02	2	1.89	.01	.05	1	2
L10500N 10250E	1	22	12	148	.1	12	8	685	3.77	6	5	ND	1	14	1	2	2	64	.15	.067	5	25	.76	107	.07	5	2.84	.01	.06	1	[illegible]
L10500N 10300E	1	32	13	[illegible]	.1	15	10	837	3.99	5	5	ND	1	19	1	2	2	73	.56	.166	8	26	1.11	158	.04	8	2.88	.01	.06	1	5
L10500N 10350E	1	75	[illegible]	[illegible]	.1	21	19	1795	5.65	8	5	ND	1	15	1	2	2	[illegible]	.28	.085	5	33	1.55	141	.11	7	[illegible]	.01	.10	1	5
L10500N 10400E	1	20	12	200	.2	16	10	870	4.58	12	5	ND	1	12	1	2	2	96	.18	.066	4	30	1.12	94	.09	2	2.93	.01	.07	1	2
L10500N 10450E P	1	30	20	[illegible]	.1	12	17	1859	4.99	5	5	ND	1	19	1	2	2	95	.72	.120	5	19	1.35	259	.09	2	2.80	.01	.08	1	[illegible]
L20000E 20100N	1	45	20	[illegible]	.1	8	13	1349	5.56	22	5	ND	1	41	1	2	2	81	.47	.079	7	13	1.24	110	.10	2	[illegible]	.01	.04	2	2
L20000E 20050N	1	50	18	221	.3	6	12	1546	5.43	10	5	ND	1	50	1	2	2	[illegible]	.47	.091	5	11	.96	153	.09	2	[illegible]	.01	.04	1	5
L20000E 20000N	1	42	27	[illegible]	.2	7	16	[illegible]	6.05	13	5	ND	1	40	1	2	2	[illegible]	.24	.110	7	14	1.00	163	.12	2	[illegible]	.01	.05	1	[illegible]
L20000E 19950N P	1	32	12	119	.1	5	9	1702	3.36	8	5	ND	1	17	1	2	2	54	.14	.099	6	10	.35	193	.03	2	1.87	.01	.03	1	3
L20000E 19900N	1	88	16	[illegible]	.1	13	12	1623	5.09	10	5	ND	1	32	1	2	2	99	.20	.071	5	23	1.32	186	.13	7	[illegible]	.01	.15	1	[illegible]
L20000E 19850N	1	58	23	353	.1	20	15	[illegible]	5.08	20	5	ND	1	34	1	2	2	84	.22	.105	8	32	1.28	305	.12	2	[illegible]	.01	.11	1	[illegible]
L20000E 19800N	3	42	13	179	.1	15	11	1744	4.56	9	5	ND	1	21	1	2	2	68	.13	.131	12	23	.95	202	.10	5	[illegible]	.01	.09	1	[illegible]
L20000E 19750N	5	50	12	186	.1	10	7	826	4.44	7	5	ND	1	17	1	2	2	63	.09	.087	7	19	.76	252	.06	3	[illegible]	.01	.08	1	[illegible]
L20000E 19700N	1	49	[illegible]	[illegible]	.1	17	12	[illegible]	4.56	14	5	ND	1	9	1	3	2	67	.17	.090	6	33	.79	171	.07	2	2.47	.01	.06	1	[illegible]
L20000E 19650N	1	[illegible]	18	[illegible]	.4	70	25	[illegible]	5.93	6	5	ND	1	56	1	2	2	[illegible]	.66	.060	5	90	[illegible]	288	.16	2	[illegible]	.01	.06	2	[illegible]
L20000E 19600N	1	[illegible]	22	[illegible]	.3	51	26	[illegible]	5.60	11	5	ND	1	38	1	2	2	90	.43	.068	8	71	1.97	[illegible]	.14	2	[illegible]	.01	.13	1	[illegible]
L21000E 20400N	1	58	9	117	.4	7	5	706	1.84	3	5	ND	1	34	1	2	2	33	.25	[illegible]	17	14	.27	[illegible]	.01	2	1.71	.01	.04	1	7
L21000E 20300N	1	19	12	[illegible]	.1	5	9	[illegible]	4.69	11	5	ND	2	[illegible]	1	2	2	38	.35	.136	18	12	.77	[illegible]	.03	4	[illegible]	.01	.07	1	[illegible]
L21000E 20250N	1	18	7	162	.1	5	5	1059	2.92	11	5	ND	1	[illegible]	1	2	2	37	.17	.143	8	9	.40	[illegible]	.02	2	2.21	.01	.06	1	[illegible]
L21000E 20200N	1	30	12	180	.1	6	7	885	4.56	23	5	ND	1	51	1	2	2	51	.10	.099	8	13	.62	307	.04	2	[illegible]	.01	.05	1	[illegible]
L21000E 20150N	1	40	16	[illegible]	.1	8	8	1348	4.30	20	5	ND	1	33	1	2	2	70	.10	.109	8	15	.73	[illegible]	.06	3	[illegible]	.01	.06	1	[illegible]
L21000E 20100N	1	41	[illegible]	360	.4	11	9	1653	4.72	19	5	ND	1	17	1	3	2	59	.08	.087	8	18	.69	192	.05	3	[illegible]	.01	.07	1	[illegible]
L21000E 20050N	1	53	[illegible]	[illegible]	.1	17	13	[illegible]	5.11	42	5	ND	1	28	1	2	2	83	.09	.107	8	30	1.26	292	.09	4	[illegible]	.01	.09	1	[illegible]
STD C/AU-S	18	59	41	132	6.8	73	31	1015	3.90	41	16	7	39	49	19	15	21	61	.47	.092	39	53	.89	177	.07	34	1.87	.06	.13	12	53

Soil n-36

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L21000E 20000N	1	17	15	121	.2	6	5	590	2.20	6	5	ND	1	18	1	2	2	46	.09	.118	5	19	.39	249	.04	3	2.29	.01	.05	2	[illegible]
L21000E 19950N	1	47	26	335	.2	14	12	1865	4.99	12	5	ND	2	42	1	2	2	67	.20	.057	14	29	1.20	395	.10	9	[illegible]	.01	.07	1	10
L21000E 19900N	2	20	8	141	.3	13	10	1551	4.13	3	5	ND	1	32	1	2	2	91	.14	.134	5	41	.86	337	.08	4	2.05	.01	.12	1	5
L21000E 19850N	1	51	9	177	.1	10	7	997	4.12	9	5	ND	1	29	1	2	3	47	.10	.090	10	22	.78	355	.05	2	[illegible]	.01	.09	1	[illegible]
L21000E 19800N	3	96	11	168	.4	22	11	1196	4.54	8	7	ND	3	28	1	2	2	60	.18	.067	12	40	1.18	[illegible]	.11	8	[illegible]	.01	.15	1	[illegible]
L21000E 19750N	8	91	15	216	.1	12	12	1484	5.16	9	5	ND	1	13	1	4	2	58	.09	.066	9	27	.89	393	.09	4	[illegible]	.01	.12	1	[illegible]
L21000E 19700N	3	48	8	138	.4	5	5	521	2.25	2	5	ND	1	17	1	2	2	40	.08	.111	6	16	.39	[illegible]	.02	[illegible]	2.31	.01	.05	1	[illegible]
L21000E 19650N	4	41	8	128	.1	6	5	571	2.96	7	5	ND	1	14	1	2	2	43	.08	.114	6	16	.44	276	.02	4	2.63	.01	.07	1	[illegible]
L21000E 19600N	2	28	12	127	.3	7	6	1910	3.49	3	5	ND	1	13	1	2	2	52	.09	.138	6	22	.41	165	.02	8	2.33	.01	.07	1	[illegible]
L21000E 19550N	3	41	9	172	.1	7	8	1017	4.99	9	5	ND	1	13	1	6	5	59	.16	.129	5	25	.37	289	.02	2	2.06	.01	.07	1	[illegible]
L21300E 20000N	1	13	15	221	.2	5	17	[illegible]	4.38	7	5	ND	1	27	1	2	4	59	.12	.094	5	17	.75	[illegible]	.13	4	2.32	.01	.12	1	9
L21300E 19950N	1	19	13	[illegible]	.1	8	19	2524	4.51	11	6	ND	1	24	1	2	2	67	.22	.139	6	20	1.19	[illegible]	.07	5	[illegible]	.01	.17	1	[illegible]
L21300E 19900N	1	22	13	152	.3	7	8	1304	3.77	5	8	ND	1	16	1	2	2	54	.10	.135	7	20	.70	241	.05	[illegible]	[illegible]	.01	.12	1	[illegible]
L21300E 19850N	1	30	9	129	.2	8	6	759	2.92	4	5	ND	1	26	1	2	2	48	.10	.148	6	21	.60	336	.03	4	[illegible]	.01	.09	1	[illegible]
L21300E 19800N P	5	79	13	166	.2	16	12	1164	4.38	9	8	ND	2	29	1	2	2	62	.14	.102	11	36	1.00	[illegible]	.08	6	[illegible]	.01	.09	1	[illegible]
L21300E 19750N P	[illegible]	[illegible]	18	214	.2	10	12	1235	4.97	15	5	ND	1	19	1	8	3	63	.13	.111	11	23	.97	306	.08	3	[illegible]	.01	.11	1	[illegible]
L21300E 19700N P	5	72	10	165	.1	10	11	958	4.56	8	5	ND	1	17	1	2	3	69	.09	.088	10	25	.92	361	.08	2	[illegible]	.01	.08	1	[illegible]
L21300E 19650N P	4	89	13	211	.1	13	11	1037	4.61	5	5	ND	1	22	1	2	2	75	.12	.102	8	30	1.06	[illegible]	.08	2	[illegible]	.01	.10	1	[illegible]
L21300E 19600N	3	74	13	201	.3	12	9	721	4.00	7	5	ND	1	17	1	2	2	74	.17	.101	11	29	1.00	[illegible]	.06	4	[illegible]	.01	.07	1	[illegible]
L21300E 19550N	3	50	11	185	.1	13	10	1023	4.82	7	5	ND	1	16	1	2	4	79	.13	.145	6	39	.80	[illegible]	.03	3	[illegible]	.01	.07	1	[illegible]
L30000E 30350N	5	49	4	56	.1	2	3	289	5.75	6	5	ND	1	11	1	3	7	32	.02	.097	8	9	.23	90	.02	3	2.36	.01	.04	1	[illegible]
L30000E 30300N	5	68	9	69	.2	5	5	407	5.98	10	7	ND	1	12	1	3	3	52	.04	.062	6	20	.33	102	.03	5	2.06	.01	.04	3	[illegible]
L30000E 30250N	6	[illegible]	6	85	.1	3	6	303	[illegible]	14	5	ND	1	5	1	6	3	30	.02	.063	9	13	.28	49	.02	2	2.43	.01	.03	1	5
L30000E 30200N	4	38	9	61	.4	4	4	614	3.39	7	5	ND	1	15	1	2	2	47	.04	.071	6	16	.24	90	.03	2	1.87	.01	.04	1	8
L50000E 50350N	2	12	7	33	.2	2	2	135	3.71	3	5	ND	1	3	1	2	2	32	.02	.038	6	9	.11	28	.03	4	1.73	.01	.02	2	3
L50000E 50400N	6	20	9	42	.1	2	5	749	3.23	3	5	ND	1	6	1	2	2	43	.04	.041	6	9	.23	336	.03	2	1.44	.01	.04	2	[illegible]
L50000E 50350N	[illegible]	31	11	91	.2	5	6	452	3.42	4	5	ND	1	19	1	2	2	44	.40	.083	8	17	.33	[illegible]	.03	2	1.63	.01	.09	2	4
STD C/AU-S	17	61	42	132	6.7	71	31	1031	4.06	42	22	8	38	48	18	15	20	58	.46	.088	39	55	.82	175	.07	39	1.94	.06	.13	12	49

Soil n = 27

$\bar{x}$ = 171

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
105558	1	60	10	38	.3	2	17	430	5.60	12	5	ND	2	19	1	2	2	1037	.81	.062	3	1	.43	24	.23	2	.75	.07	.05	1	6
105559	1	25	2	31	.2	5	6	258	2.85	5	5	ND	3	2	1	2	2	10	.08	.023	4	4	.48	27	.04	2	.58	.03	.07	1	3
105560	2	13	3	45	.1	5	4	196	3.43	5	5	ND	3	3	1	2	2	12	.07	.021	4	5	.46	87	.04	4	.73	.03	.11	1	1
105561	1	22	3	22	.1	6	38	227	2.43	5	5	ND	4	12	1	2	12	7	.13	.030	5	5	.22	54	.02	2	.41	.04	.13	1	4
105562	1	46	5	157	.2	66	21	916	3.89	8	5	ND	1	25	1	2	2	108	.90	.033	2	84	2.37	1073	.23	9	2.52	.06	.45	1	1
105563	1	9	8	27	.1	2	4	196	6.76	12	5	ND	2	3	1	16	2	12	.03	.063	5	2	.10	22	.01	6	.58	.02	.15	2	3
105564	2	18	7	42	.2	5	4	405	3.46	10	6	ND	2	5	1	4	2	14	.14	.046	7	5	.14	43	.03	3	.41	.03	.07	3	1
105565	117	711	7	41	2.4	4	9	379	6.93	26	5	ND	2	5	1	2	31	7	.09	.048	5	2	.25	39	.01	4	.73	.01	.15	1	280
105566	1	5	5	57	.1	4	5	570	4.23	26	5	ND	1	5	1	3	2	13	.07	.044	4	4	.01	77	.02	2	.23	.01	.10	1	1
105567	1	7	8	105	.1	3	5	902	3.73	13	5	ND	2	5	1	5	2	21	.13	.051	7	4	.16	314	.01	2	.44	.02	.06	1	1
105568	1	14	11	88	.1	4	3	887	2.65	16	5	ND	2	8	1	5	2	11	1.40	.015	9	4	.14	273	.01	2	.81	.02	.04	1	3
105569	2	2	4	77	.1	5	2	441	2.00	5	5	ND	2	3	1	2	2	4	.04	.019	9	5	.35	293	.06	2	.53	.04	.20	1	1
105570	1	86	6	141	.2	3	22	765	11.45	7	5	ND	1	20	1	2	2	222	.81	.074	2	2	1.03	245	.27	2	.96	.06	.16	1	1
105571	1	12	12	146	.1	2	17	1457	6.58	8	5	ND	2	30	1	2	2	210	1.73	.061	4	1	1.62	34	.17	4	1.69	.04	.05	1	1
105572	1	122	4	342	.4	4	15	410	6.73	7	5	ND	2	20	1	2	2	244	.57	.069	3	3	1.58	159	.17	2	1.56	.08	.17	1	5
105573	1	56	17	186	.3	3	9	1010	4.69	15	5	ND	2	52	1	2	2	37	.81	.094	4	3	1.04	168	.20	9	1.57	.03	.05	1	1
105574	1	91	2	29	.1	3	10	159	5.00	5	5	ND	2	2	1	13	2	14	.04	.033	4	3	.28	66	.02	2	.44	.04	.02	1	167
105575	5	96	9	120	.1	4	4	341	5.49	5	5	ND	2	7	1	2	2	53	.07	.041	6	8	.34	456	.04	6	.73	.02	.31	1	9
108004	2	57	4	44	.1	20	15	401	3.09	8	5	ND	3	253	1	2	2	77	1.48	.060	6	39	1.36	109	.19	139	1.90	.06	.13	1	1
108005	1	27	14	226	.1	6	7	1312	3.08	11	5	ND	2	73	1	2	2	46	2.14	.081	5	6	.66	83	.18	4	1.34	1.11	.19	1	1
108006	5	1188	3	172	6.0	39	26	926	13.81	7	5	ND	1	10	1	2	45	1337	.16	.044	2	139	1.86	408	.12	2	2.07	.02	.12	1	660
108007	5	81	2	128	.1	52	37	846	3.93	5	5	ND	1	39	1	2	2	89	1.00	.034	2	77	1.93	109	.21	5	2.11	.07	.54	1	8
108008	1	588	5	73	1.3	44	31	947	3.05	7	5	ND	1	85	1	2	2	66	2.48	.039	2	57	.82	45	.29	2	1.09	.01	.01	1	112
108009	2	62	8	196	.2	67	67	1383	11.12	10	5	ND	1	36	1	2	2	111	.86	.028	2	102	3.16	72	.20	9	3.55	.01	.13	1	9
108010	2	58	7	44	.2	11	18	186	11.34	28	5	ND	1	7	1	9	2	21	.13	.030	3	14	.38	33	.03	5	.87	.02	.09	1	268
STD C/AU-R	17	62	36	132	6.6	68	30	1023	3.82	41	17	7	37	47	18	15	23	59	.43	.091	38	55	.87	174	.07	33	1.81	.06	.14	11	515

Rock n = 25

APPENDIX 5

SAMPLE REPORTS

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93L/6E

AREA / PROPERTY Houston - Tommy - 277 Collection DATE ~~Aug~~ Sept/M ~~1989~~ Aug 15/89

GCI # SAMPLE REPORT Lab Code: PROJECT 277

SAMPLE NO.	LOCATION & DESCRIPTION outcrop / float	% SULPHIDES	TYPE material	WIDTH m	ppb Au	SAMPLED BY
105558	rx. sample of massive andesite, with rusted vugs and small calcite stringers. Nothing special 29100 N/20000 E	trace	ROCK	GRAB		M.L.
105559	Silicified dacite (?) Andesite. outcrop found in creek. ~~[illegible]~~ L 30400 N/29865 E	2-5%	ROCK	GRAB		M.L.
105560	L 30400 N/29850 E. Outcrop is same as above.	2-5%	ROCK	GRAB		M.L.
105561	L 30400 N/30125 E float in talus at base of Erskine's ridge. Most of talus is not mineralized. Sample is well rusted Andesite - silicious	2-5%	ROCK	talus ~~GRAB~~		M.L.
105562	L 30200 N/30800 E - talus at base of Erskines ridge. Andesite. Well rusted possible CPY - possible V.G(??)	tr. to 1%	Rock	talus		M.L.

report by:
G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93L/6E

AREA / PROPERTY Houston - Tommy 277 Collection DATE ~~Sept 6/89~~ Aug 16/89

GCI # SAMPLE REPORT Lab Code: PROJECT: 277

SAMPLE NO.	LOCATION & DESCRIPTION outcrop / float	% SULPHIDES	TYPE material	WIDTH m	ppb Au	Ag	Cu	Mo				SAMPLED BY
105563	L 40155 N/40000. Extremely rusted altered light green por. andesite chlorite.	tr-1%	ROCK	GRAB								M.J.
105564	L 40140 N/39990 E. Rusted andesite on ridge face. Por. with JASPER and qtz. pods.	tr-1%	ROCK	GRAB	280	2.4	673	17				M.J.
105565	L 40200 N/39965 E Extremely rusted altered rock. Andesite (?)	"	ROCK	GRAB								M.J.
105566	L 40150 N/40100 E. on cliff edge altered Lt. grey purplish andesite rusted, with qtz. stringers/pods. Mgt	tr-1%	Rock	GRAB								M.J.
105567	L 40190 N/40150 E. Lt. grey-maroon highly altered well rusted andesite. small quartz stringers, altered	None visible	ROCK	GRAB								M.J.
105568	L 19675 N/20025 E Well rusted rhyolite found ~~stratigraphically~~ topographically below andesitic breccia	None Visible	Rock	GRAB								M.J.

report by:
G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93L/6E

AREA / PROPERTY Houston-Tommy Collection DATE ~~Sept 5/89~~ Aug 17/89

GCI # SAMPLE REPORT Lab Code: PROJECT: 277 General

SAMPLE NO.	LOCATION & DESCRIPTION outcrop / float	% SULPHIDES	TYPE material	WIDTH m	ppb Au	SAMPLED BY
105569	L 20000 E/19925 N. Light grey Andesite with sulfides on fracture surfaces and in small veinlets	2-5%	Rock	felsimen		M.J.
105570	L 20100E/19990 N Edge of ridge grey green fine grained Andesite slightly chloritic. Epidote. Sulfides found in small veinlets and disseminated throughout rock.	2%	Rock	GRAB		M.J.
105571	L 2100 E/20055 N Fine grained And extremely hematized. small qtz stringers throughout.	NONE VISIBLE	Rock	GRAB		M.J.
105572	L 20 225E/20015 N. Maroonish grey. Andesite well rusted. disseminated sulfides	tr. to 1%	Rock	GRAB		M.J.
105573	L 20275 E/20000 N Maroon Andesite Edge of valley, 5-10% Epidote	NONE VISIBLE	Rock	GRAB		M.J.

report by:
G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93L/6E

AREA / PROPERTY Houston Tommy Collection DATE ~~Sept 5/89~~ Aug 19/89

GCI # SAMPLE REPORT Lab Code: PROJECT: 277 General

SAMPLE NO.	LOCATION & DESCRIPTION outcrop / float	% SULPHIDES	TYPE material	WIDTH m	ppb Au	SAMPLED BY
105574	L 50300 N / 50300 E. Well rusted dacitic Rx. in talus. disseminated sulfides & small sulfide veinlets. Rx type of sample also found in o/c near by. Aug 18/89	2-5%	Rock	talus		M.L.
105575	Well rusted. on ridge. may be on Cedar claims?	none visible	Rock	grab		M.L.
108004	sample of old core on 10,000 grid diorite to qtz. diorite. med. grn. disseminated sulfides as well as small veinlets of sulfides. CPY(?)	1-3%	Rock	core 12 in long		M.L.
108005	sample of old core on 10000 grid andesitic breccia. calcareous on fracture surfaces. tr. of Epidote. Sulfides disseminated throughout & on fracture surfaces.	tr-2%	Rock	12 inches of core		M.L.

report by:
G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 93L/6E

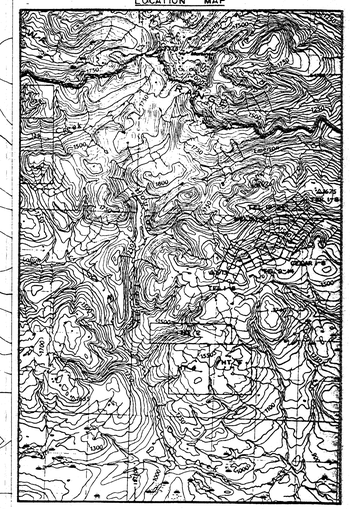
AREA / PROPERTY Houston - Tommy Collection DATE ~~Aug~~ Aug 20/89

GCI # SAMPLE REPORT Lab Code: PROJECT: General 277

SAMPLE NO.	LOCATION & DESCRIPTION outcrop / float	% SULPHIDES	TYPE material	WIDTH m	ppb Au	SAMPLED BY
108006	Lt. grey andesite, lots of Epidote, chlorite very rusted, bits of Qtz. Erskine's Ridge	tr-2%	Rock	Grab		M.J.
108007	Andesite. Sample of well rusted sulfide poo in o/c. Epidote is common small stringers of sulfides present Erskine's Ridge	2-5%	Rock	Grab		M.J.
108008	Extremely rusted spot in Andesite with lots of Epidote Erskine's Ridge	2-5%	Rock	Grab		M.J.
108009	Extremely rusted 10 cm wide shear, qtz stringers throughout shear trending ± 106° dip 065°N Erskine's Ridge	2-5%	Rock	Grab		M.J.
108010	Very ~~with~~ sulfide rich (90% of vein vein)let in small friable rock found in creek under snow Bridge Py., As(?). Couldn't have travelled very far. Erskine's Ridge	15% of Rx.	Rock	float		M.J.

report by:
G = GEOCHEM A = ASSAY

LOCATION MAP



SCALE 1 : 100,000

LEGEND

ROCK TYPES

Andesite

- A_1 grey
- A_2 chloritic calcareous
- A_3 rusty
- A_4 with abundant epidote
- A_5 porphyry (Feldspar)
- A_6 chloritic & purple breccia
- A_7 breccia

Hornfels

- H_1 dark grey

Intrusives

- I_1 granite
- I_2 monzonite

Rhyolite

- V_4
- R_1 brown
- R_2 grey
- R_3 red

Tuff

- T tuff

Dacite

- V_5

- cp chalcopyrite
- ca calcite
- py pyrite
- hem hematite
- mal malachite
- G Gossan
- J Jasper

SYMBOLS

- 06807 soil sample
- 28172 silt
- 36820 x rock sample (bedrock)
- outcrop
- gossan
- talus fan
- trail
- abd. camp
- cat trench
- claim post
- rock sample (float)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SCALE 1 : 5,000

REVISED	HOUSTON - TOMMY
	TEL, TER AND NELS CLAIMS GEOLOGY AND ROCK SAMPLE LOCATIONS
PROJ. No. 240	SURVEY BY: M.L. DATE: Aug. 1969
N.T.S. 93L/5E	DRAWN BY: S.K.B. SCALE: 1:5,000
DWG. No. FIG. 5	NORANDA EXPLORATION
	OFFICE PRINCE GEORGE, B.C.

LOCATION MAP

SCALE 1 : 100,000

LEGEND

ROCK TYPES

Andesite

- A1 grey
- A2 chloritic calcareous
- A3 gossaned
- A4 with abundant epidote
- A5 porphyry
- A6 chloritic & purple brx
- A7 brx

Hornfels

- H1 dark grey

Intrusives

- I1 granite
- I2 monzonite

Rhyolite

- R1 brown
- R2 grey
- R3 red

Tuff

- T tuff

cp chalcopyrite
ca calcite
py pyrite
hem hematite
mal malachite

SYMBOLS

- soil sample
- silt
- rock
- outcrop
- gossan
- talus fan
- trail
- abd. camp
- cat trench
- Rock (Au, ...)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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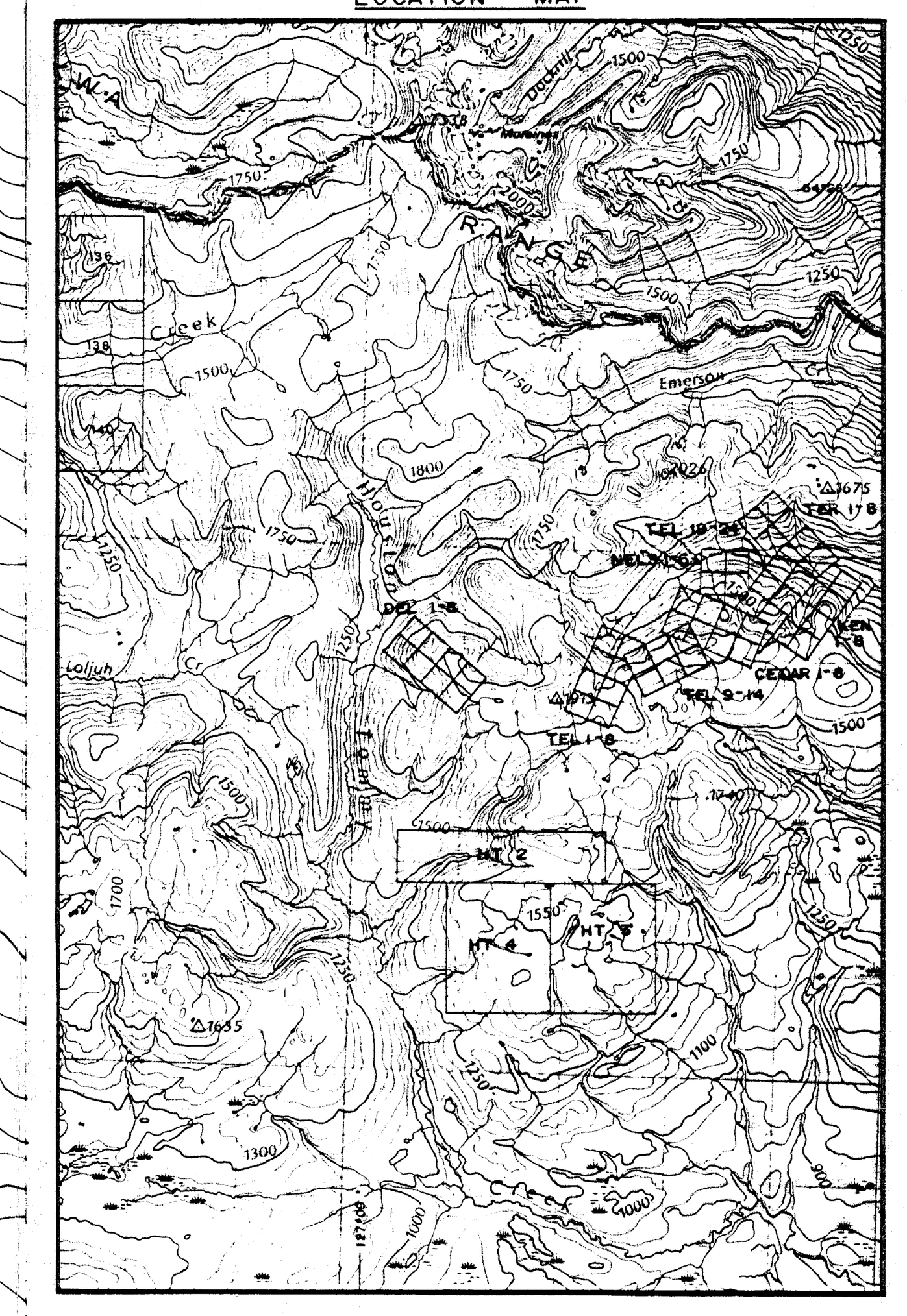
Map Sheet Index

2
1

0 500 1000 metres
SCALE 1 10,000

REVISED	HOUSTON - TOMMY
D.M. Oct., 1989	TEL, TER AND NELS CLAIMS GEOLOGY AND ROCK SAMPLE LOCATIONS
PROJ. No. 240	SURVEY BY: T.C. DATE: Aug. 1988
N.T.S. 93L/6E	DRAWN BY: S.K.B. SCALE: 1 10,000
DWG. No. FIG. 4	NORANDA EXPLORATION
	OFFICE: PRINCE GEORGE, B.C.

LOCATION MAP



0 2 4 6 8 Kilometres
SCALE 1 : 100,000

LEGEND

SYMBOLS

06907 ○	soil sample
38173	silt
36320 x	rock
	outcrop
	gossan
	talus fan
	trail
	abd. camp
	cat trench
X03641	Early Noranda Silt
TB 533	Atna Silt
DE 153	Atna Soil
	Campsite

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Map Sheet Index

2
1

0 500 1000 metres
SCALE 1 : 10,000

REVISED	
M.L. Sept., 1989	

HOUSTON - TOMMY

TEL, TER AND NELS
CLAIMS
SILT AND SOIL SAMPLE
LOCATIONS

PROJ. No. 240
N.T.S. 93L/6E
DWG. No. FIG. 3

SURVEY BY: T.C. DATE: Aug. 1988
DRAWN BY: S.K.B SCALE: 1 : 10,000

NORANDA EXPLORATION
OFFICE: PRINCE GEORGE, B.C.