Prospectors Report on 1986-1987 Geochemical Reconnaissance

Geochemical Survey
Becky-Jo Mineral Claim
Mt. Davidson Area
Omineca Mining Division
NTS 93F 2/W

Dates Worked: Sept. 8 - 12, 1986

Latitude 53* 10'N Longitude 124* 53'W

By: David H. Rozek (owner/operator)
666 Carney St.
Prince George, B.C.
V2M 2K6

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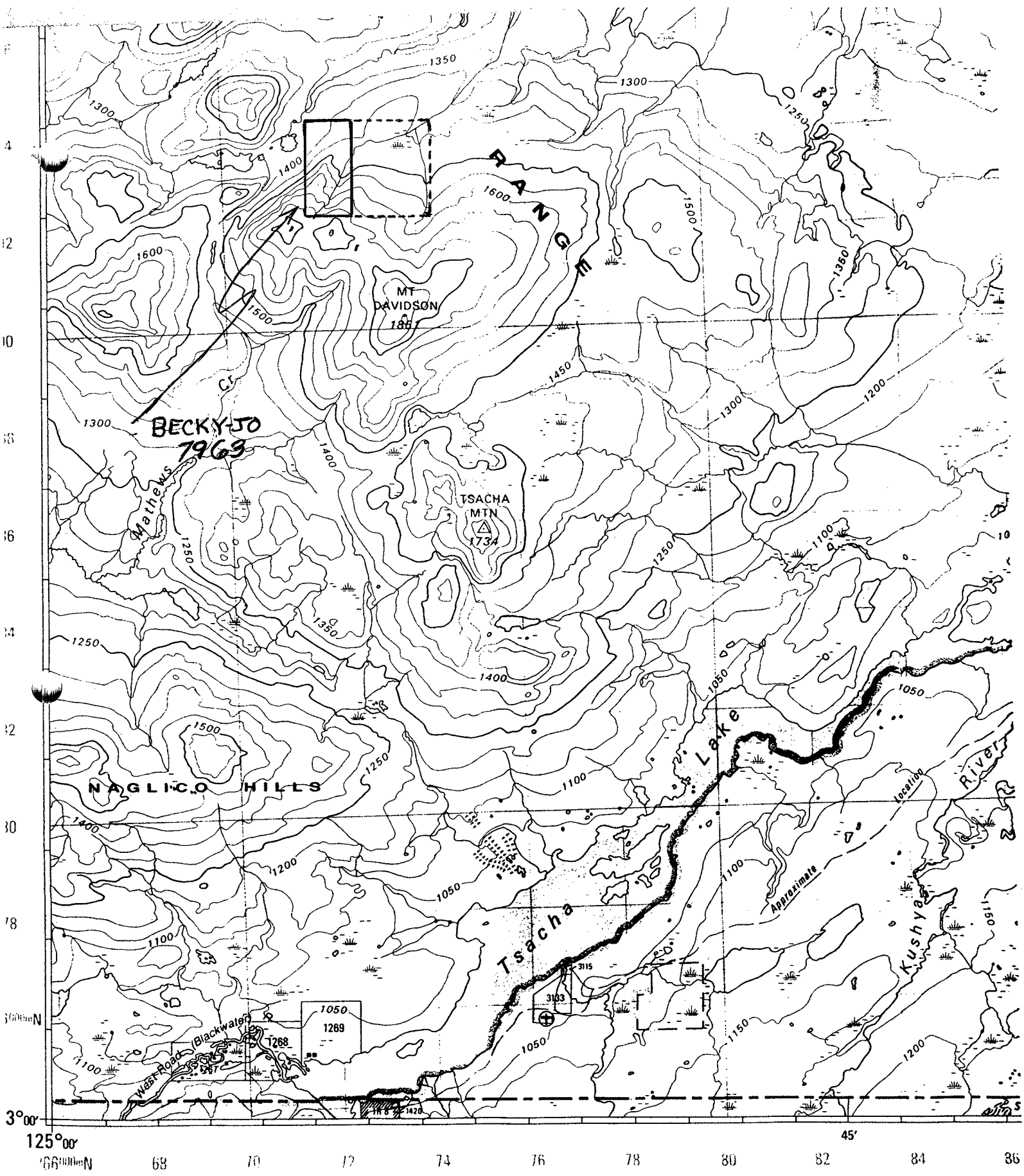
PROPERTY LOCATION MAP

SCALE

Miles 1136 0 36 Miles

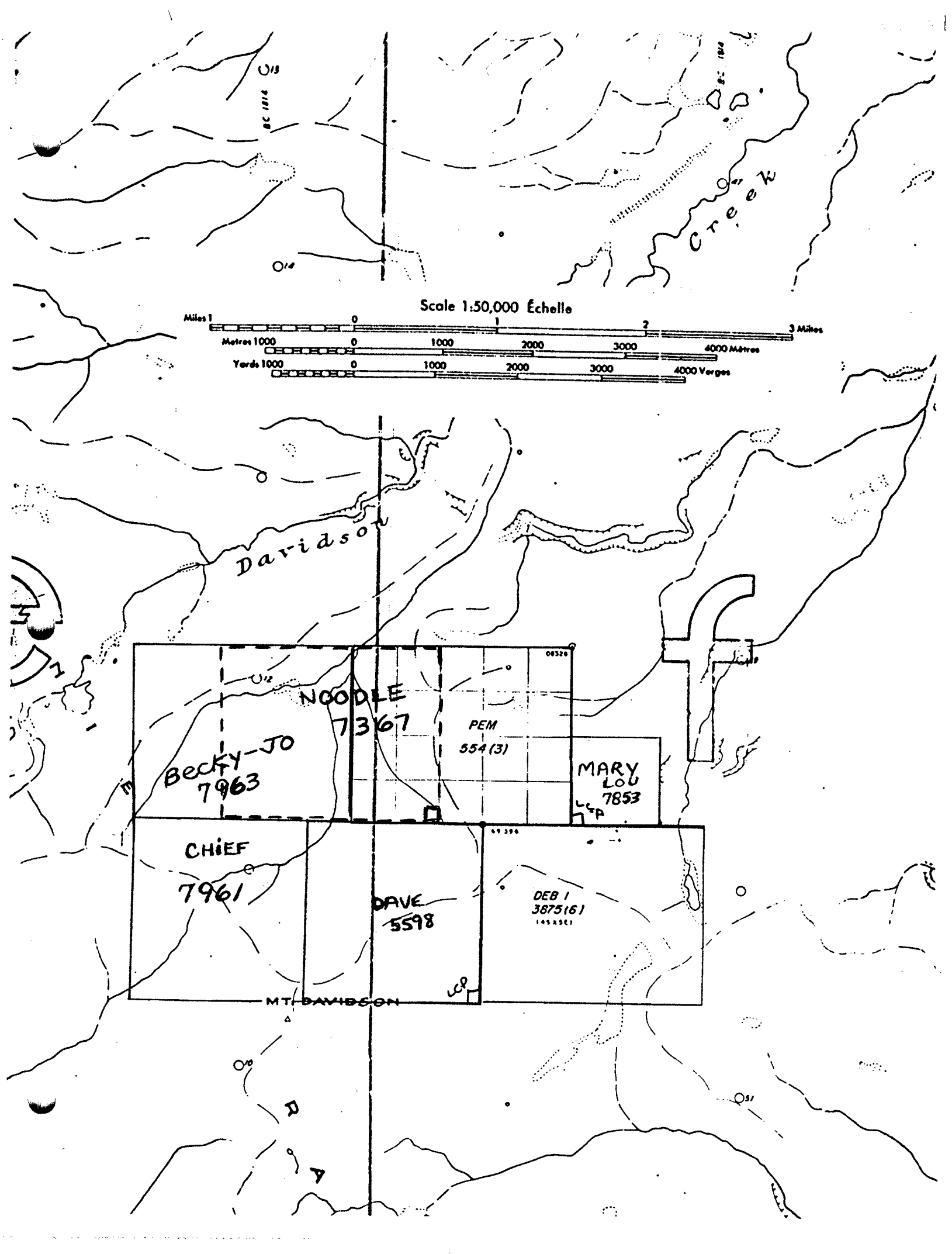
Prepared By: Drawn By:	Date: Revised:	N.T.S. MAP AREA	DRAWING No.



Scale 1:100 000

(1 cm = 1 km)

Km 2 0 2 4 6 8 10 12


Scale 1:50,000 Échelle
Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges
Creek
Davidson
NOODLE
7367
PEM
554 (3)
BECKY-JO
7963
MARY LOU
7853
CHIEF
7961
DAVE
5598
DEB 1
387516)
MT. DAVIDSON

Introduction:

The discovery of Zn/Ag anomolies on the northeast slope of Mt. Davidson in the Omineca Mining Division by Granges Exploration in 1975-81, along with Zn/Pb anomolies on upper Mathews Creek by Cities Services in 1975 led to the decision to acquire property on the north slope of Mt. Davidson.

On July 27, 1983, the Dave Mineral claim was staked. Subsequent geochem reconnaissance led to the staking of the Chief mineral claim due west of the Dave claim. The slight Zn/Ag anomoly on Chief claim was traced downhill to the north, registering somewhat higher readings. This led to the acquisition of the Becky-Jo claim on Sept. 7, 1986.

Location and Access:

The Becky-Jo mineral claim, consisting of 20 units, is located on the northslope of Mt. Davidson approximately 110 km southeast of Burns Lake and 150 km southwest of Vanderhoof in the Omineca Mining Division. The claim lies approximately 10 km north of Tsacha Lake.

Location on NTS Map 93F2/W is 124*53'W longitude and 53*10'N latitude.

Access to the property is by helicopter from Burns Lake (Alpine) or from Prince George (Norhtern Mountain Helicopters).

Alternately, ground access is via the newly constructed Kluskus-Ootsa Forest Access Road from Vanderhoof to within

nine miles of the claim. Access from the Kluskus-Ootsa Forest Access Road to the Becky-Jo claim is by the new Granges Exploration mining road at km 145 of the Kluskus/Ootsa road; then by 4 x 4 trail for the remaining 3.5 km to the Becky-Jo claim.

Physiography:

The claim area is situated on the north slope of Mt. Davidson with the LCP approximately 2850 metres N 5* E from Mt. Davidson, and directly north of the Chief mineral claim.

Elevation ranges from 1600 at the northeast corner to 1800 at the southwest corner. The claim area consists of generally open, rocky, alpine meadows intersected by two deep rocky canyons. The lower elevations are covered by balsam, spruce and pine.

Regional Geology:

The Mt.Davidson area is a large volcanic pile of rhyolite crystal tuffs, andesites, argillites and associated breccias. Minor grandiorite intrusions are also present in the exposed bedrock. Glaciation marks indicate an easterly ice flow; this is substantiated by deeper til at the eastern boundry of the claim. The western and southwestern areas are mostly exposed bedrock. Til in these areas is generally less than three feet.

Geochemistry:

Reconnaissance soil sampling on the Chief mineral claim in 1986 outlined a broad (400 metre wide) zone slightly anomolous for Zn/Ag with values ranging from 100-170 ppm and 0.6 to 0.8 ppm respectively. Background Zn is 30-35; Ag is 0.2. The anomolous zone was traced downslope where Ag values rise to 1.4 ppm.

Sample geochem sheets are enclosed. "B" horizons sampled at 15-25 cm depths

Conclusions:

50 and 25 metre soil sampling should be done over the anomolous area. Once the extent of the anomolous zone is determined, trenching should be carried out to determine the bedrock composition and source of the Zn/Ag anomoly.

Qualifications:

1. One year college general geology course at Potsdam, N.Y., USA.

2. Two years field work under the direction of Mr. Michael Smith, geologist for B.P.-Selco, assistant to Dr. Stan Hoffman on the Gran 5,6,7 and Laid claims in the "Capoose" Fawnee Mountain area.

3. Present prospecting and field work done under self direction with sample analysis and advice from Mr. Ronald G. McArthur, District Geologist, Noranda Exploration, 1750 Quinn St., Prince George, B.C.

David H. Rozek

Statement of Costs

100 soil samples (Sept. 8-12/86) @ $12.00 ea.	$1,200.00
3 men @ $100.00/day X 2	600.00
Food: 3 men @ $15.00/day X 2	90.00
Transportation: Toyota 4x4	60.00
Assessment Report Preparation	200.00
Misc.	100.00
Total	$2,250.00

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 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE 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: SOIL

ASSAYER: ..D. Toye.. DEAN TOYE, CERTIFIED B.C. ASSAYER

File # 87-5499 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
B-1	9	5	34	.1	8
B-2	27	9	61	.4	12
B-3	8	18	65	.4	10
B-4	5	9	34	.2	5
B-5	14	15	93	.5	32
B-6	5	13	32	.1	8
B-7	7	12	32	.3	8
B-8	13	13	75	.9	8
B-9	3	6	17	.1	2
B-10	2	13	16	.1	2
B-11	11	12	51	.3	11
B-12	8	13	59	.1	12
B-13	10	10	65	.4	29
B-14	8	17	56	.3	15
B-15	3	10	16	.2	2
B-16	14	11	99	.3	10
B-17	34	15	173	.4	44
B-18	7	6	59	.3	10
B-19	9	10	48	.2	37
B-20	8	7	54	.1	65
B-25	12	10	92	.4	40
B-26	12	2	65	.7	13
B-27	13	6	69	.8	18
B-28	8	10	70	.1	16
B-29	7	12	33	.1	10
B-30	11	17	54	.5	17
B-31	14	9	75	.4	16
B-32	10	10	61	.2	4
B-261	13	5	70	.6	17
C-1	8	10	47	.1	4
C-2	3	9	17	.2	2
C-3	6	10	63	.5	4
C-4	8	6	70	.2	7
C-5	7	8	61	.1	4
C-6	6	12	30	.1	8
C-7	8	10	71	.3	12
STD C	61	38	132	7.6	40

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GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE 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: P1-2 SOIL P3-ROCK

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

File # 87-6156 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
B-1	13	4	100	.1	2
B-2	11	9	102	.1	4
B-3	12	9	101	.1	4
B-4	13	11	80	.1	2
B-5	14	13	72	.1	2
B-6	11	10	56	.1	2
B-7	12	7	55	.1	2
B-8	13	10	56	.1	2
B-9	14	8	59	.1	2
B-10	13	9	57	.2	2
B-11	14	6	64	.1	2
B-12	13	9	58	.1	2
B-13	13	8	58	.1	2
B-14	14	5	60	.1	2
B-15	13	7	59	.1	2
B-16	13	6	57	.1	2
B-17	13	5	55	.1	2
B-18	11	8	53	.1	2
B-19	15	9	57	.1	3
B-20	14	8	58	.1	3
B-21	13	9	56	.1	2
B-22	13	10	57	.1	3
B-23	13	4	54	.1	3
B-24	13	8	58	.1	2
B-25	13	6	54	.1	2
C-1	13	10	53	.2	2
C-2	12	7	53	.1	2
C-3	14	6	59	.2	2
C-4	14	5	56	.2	2
C-5	11	5	54	.1	2
C-6	12	7	51	.1	3
C-7	11	5	51	.1	2
C-8	11	2	51	.1	2
C-9	11	5	52	.1	3
C-10	12	7	50	.2	2
C-11	12	3	52	.1	2
STD C	61	41	133	7.5	43

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
C-12	15	6	59	.1	5
C-13	15	3	58	.1	3
C-14	16	2	58	.1	2
C-15	16	2	60	.1	4
C-16	15	3	57	.1	2
C-17	16	11	57	.1	3
C-18	15	4	59	.1	2
C-19	16	6	60	.1	4
C-20	16	4	60	.1	2
C-21	15	9	60	.1	2
C-22	15	3	60	.1	2
C-23	16	7	60	.1	2
C-24	16	2	62	.1	2
C-25	16	2	57	.1	2
STD C	62	43	131	7.4	44

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: MT. DAVIDSON

Project No. :240 Sheet:1 of 1 Date rec'd:SEP 4
Material :SOIL & RX Geol.:R.Mc. Date compl:OCT 1
Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
2	10000N-0W 0E SOIL	10	86	8	0.4	-
3	100	8	42	4	0.2	-
4	200	10	50	4	0.2	-
5	300	10	68	2	0.2	-
6	400	8	48	1	0.2	-
7	440	12	100	4	0.2	-
8	442	12	76	8	0.2	-
9	500	12	62	6	0.2	-
10	600	8	52	4	0.2	-
11	630	6	56	4	0.2	-
12	700	14	60	4	0.2	-
13	800	20	80	6	0.2	-
14	900	8	44	4	0.2	-
15	1000	8	74	10	0.2	-
16	1100A	8	46	8	0.2	-
17	1100B	12	58	8	0.2	-
18	1200	8	50	6	0.2	-
19	1300	14	54	4	0.2	-
20	1400	10	52	4	0.2	-
	1500	12	56	8	0.2	-
	1600	14	68	4	0.4	-
23	1700	8	52	4	0.2	-
24	1800	10	48	4	0.2	-
25	1900	10	64	6	0.2	-
26	10000N-2000E	10	64	6	0.2	-
27	10000N-100W	6	32	10	0.2	-
28	296	10	56	8	0.4	-
29	300	12	46	10	0.4	-
30	400	16	72	8	0.4	-
31	500	8	50	6	0.2	-
32	700	16	110	8	0.6	-
33	800	24	150	6	0.8	-
34	900	12	110	1	0.2	-
35	1000	16	100	2	0.4	-
36	1100	16	170	6	0.2	-
37	1150	12	66	6	0.2	-
38	1500	12	58	4	0.2	-
39	10000N-2000W	20	140	28	1.2	-
40	9000N-2000W	10	56	6	0.2	-
41	8500N-2000W	16	140	24	0.6	-
42	8400N-2000W	8	42	2	0.2	-
43	8300N-2000W	14	64	2	0.2	-
44	8200N-2000W	12	76	1	0.4	-
45	8100N-2000W	12	76	1	0.2	-
	8000N-2000W	22	76	6	0.4	-
	11000N-471W	14	120	4	0.2	-
48	13000N-600W	10	120	14	0.8	-
49	1380S SOIL	18	150	20	1.4	-
105	88239 RX	300	76	1	1.0	10
106	88240 RX	20	88	1	0.6	10

David Claim

Becky - Jo

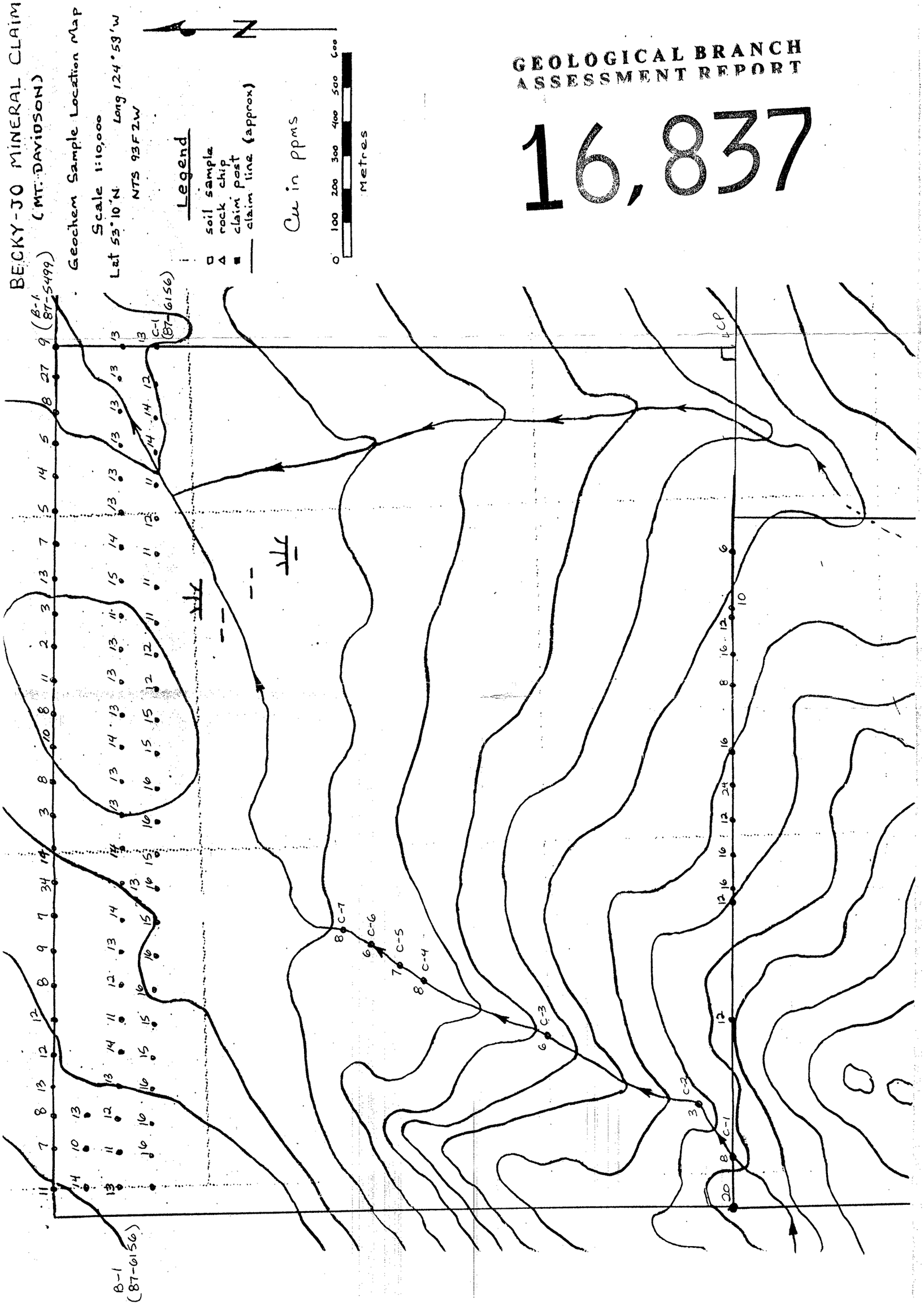
BECKY-JO MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

Lat 53° 10' N Long 124° 59' W

NTS 93F 2W



BECKY-JO MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

Lat 53°10'N Long 124°53'W

NTS 93F 2W

Legend

- soil sample
- rock chip
- claim post
- claim line (approx)

Zn in ppb's

0 100 200 300 400 500 600 Metres

N

B-1 87-5499

B-1 (87-6156)

C-1 87-6156

LCP

C-1 C-2 C-3 C-4 C-5 C-6 C-7

BECKY-JO MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

Lat 53°10'N Long 124°53'W

NTS 93F 2W

Legend

- soil sample
- rock chip
- claim post
- claim line (approx)

Pb in PPMS

0 100 200 300 400 500 600 Metres

N

B-1 87-5499

C-1 87-6156

B-1 (87-6156)

C-1 C-2 C-3 C-4 C-5 C-6 C-7

LCP

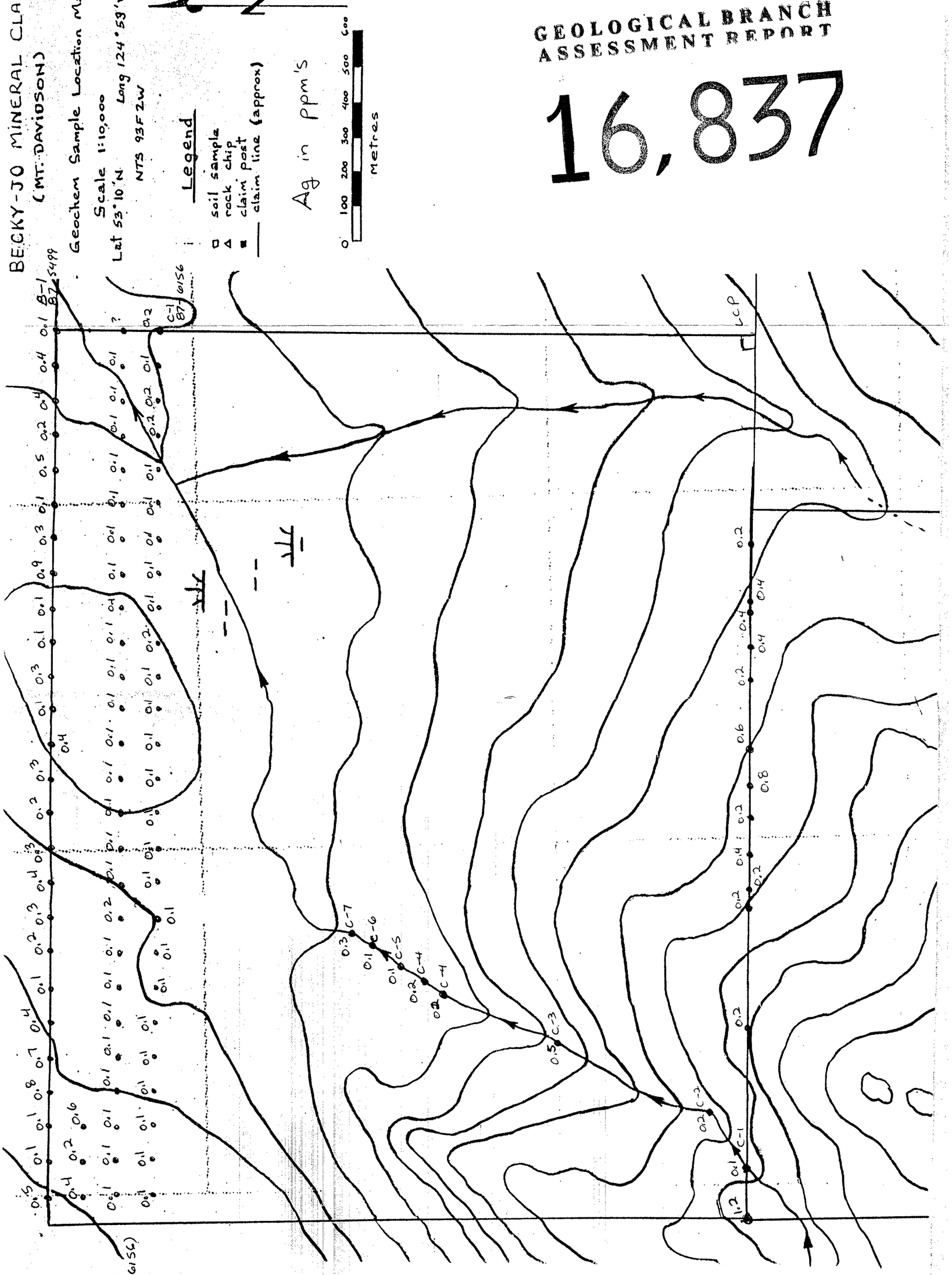
BECKY-JO MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

Lat 53°10'N Long 124°59'W

NTS 93F 2W



BECKY-JO MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

Lat 53°10'N Long 124°53'W

NTS 93F 2W

Legend

- soil sample
- rock chip
- claim post
- claim line (approx)

As in PPMS

0 100 200 300 400 500 600 Metres

N

B-1 87-5499

B-1 87-6156

C-1 87-6156

LCP

C-1 C-2 C-3 C-4 C-5 C-6 C-7