

8/88

LOG NO: 1230	RD.
ACTION:	
FILE NO: 87-957-16690	

Prospectors Report on 1986-1987
 Geochemical Reconnaissance

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

16,690

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

Dates Worked: June 11, 1987
 July 28, 29, 30; 1987
 Latitude 53°09' ^{57"} N - Longitude 124° 53' ^{57"} W
 by: David H. Rozek (owner/operator)
 666 Carney St.
 Prince George, B.C.
 V2M 2K6
 Aug. 22, 1987

FILMED

Table of Contents

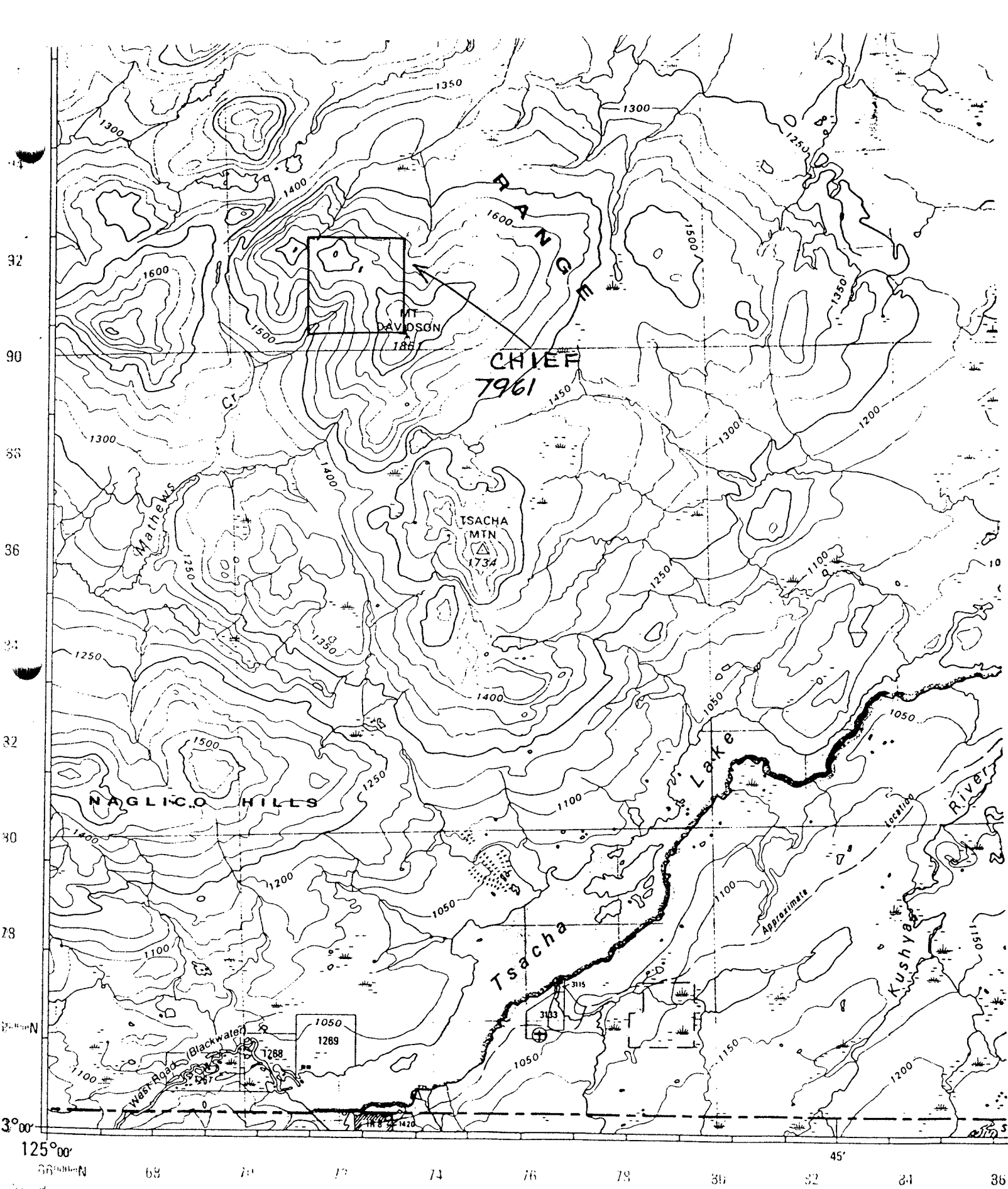
	page
Property Location Map	i
Topographical Map	ii
Claim Map	iii
Introduction	1
Location & Access	1 - 2
Physiography	2
Regional Geology	3
Physical Work	3
Geochemistry	3
Conclusions	3 - 4
Qualifications	5
Statement of Costs	6

Addendum - Sample Analysis Reports and Geochem Map

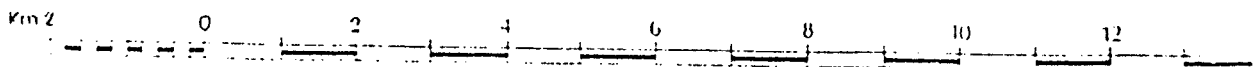


PROPERTY LOCATION MAP

No. 1136		SCALE		36 M40
Prepared By:	Date:	NTS MAP AREA	DRAWING No.	
Drawn By:	Revised:			

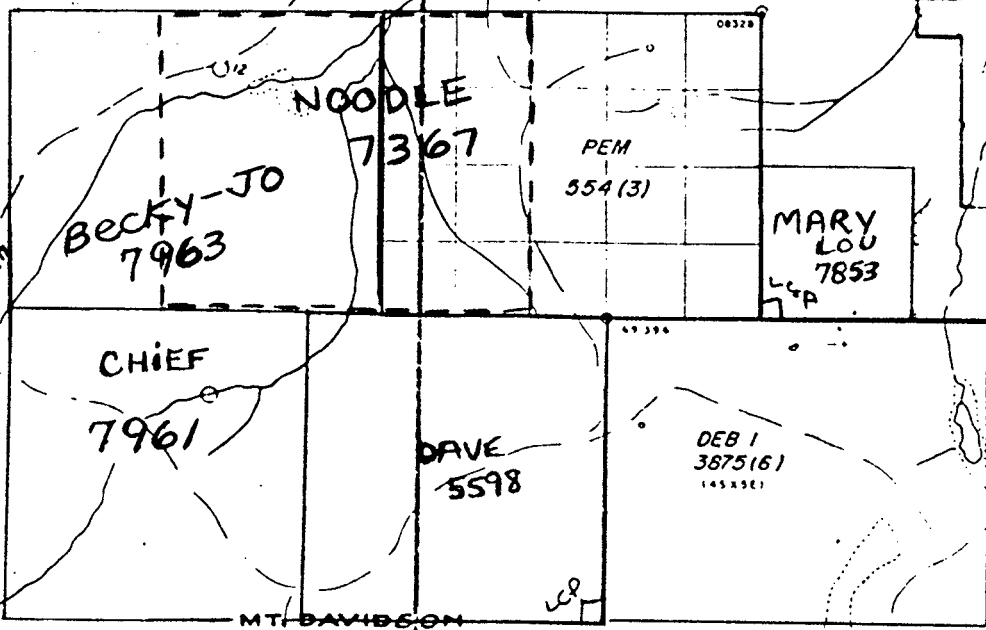
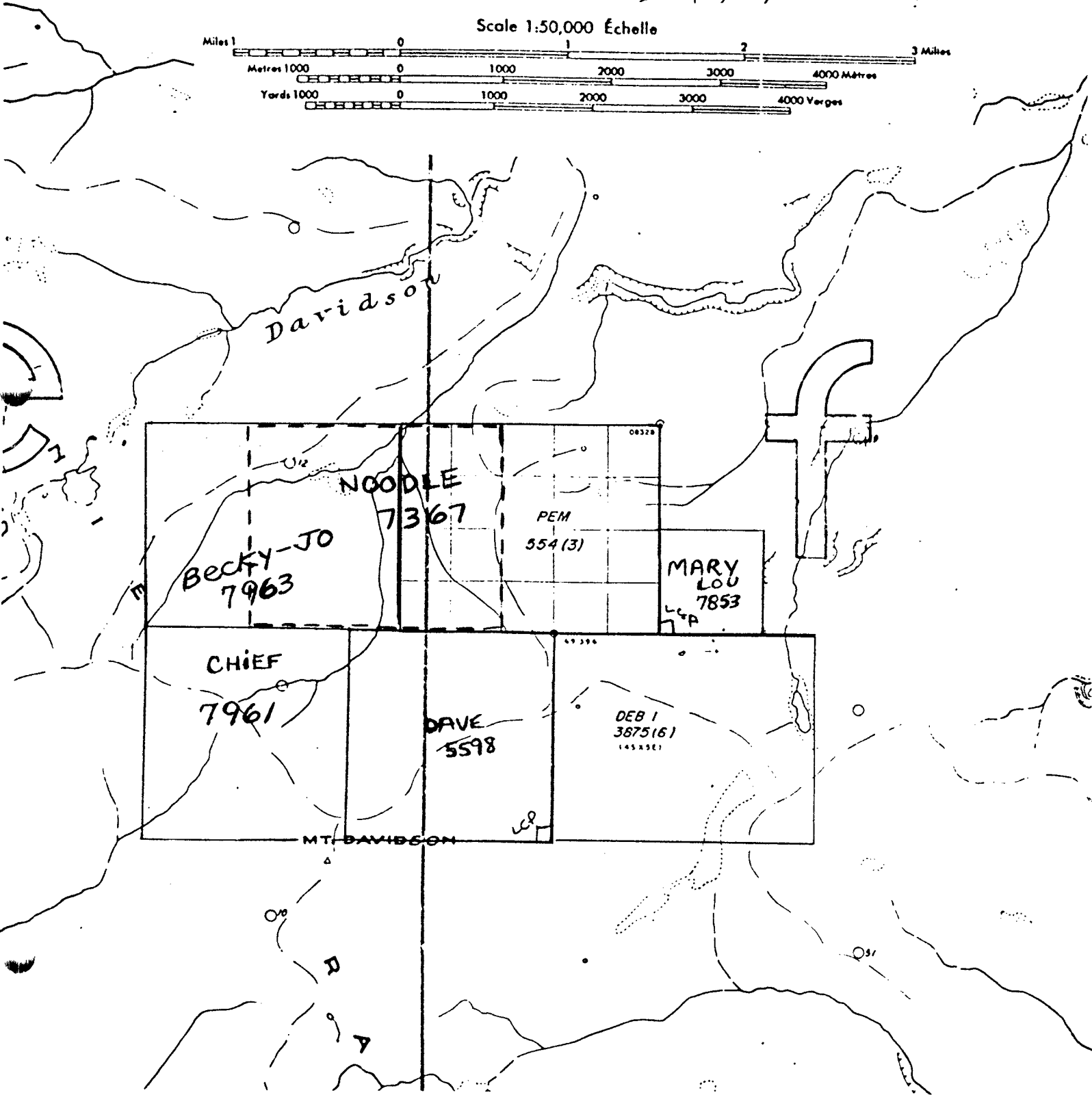
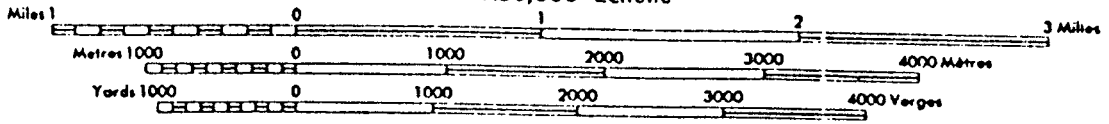


Scale 1:100 000
(1 cm = 1 km)





Scale 1:50,000 Échelle



Introduction:

Ground geochemistry (1975) and airborne helicopter EM survey (1981) by Granges Exploration established Zn/Ag anomalies on the northeast slope of Mt. Davidson, resulting in the Granges staking of the Pem and Deb claims. This information coupled with Pb/Zn anomalies established on upper Mathews Creek by Cities Services in 1975, lent support to the acquisition of ground to the south and west of the Granges claims.

On July 27/83 the Dave mineral claim was staked adjacent to the Granges Pem and Deb claims.

Subsequent geochem reconnaissance west of the Dave claim (1984-86) established Zn/Ag anomalies over a wide (400 metre²) range, resulting in the staking of the Chief claim on Aug. 31, 1986.

Location and Access:

The Chief Mineral claim, consisting of 16 units, is located on the north slope of Mt. Davidson approximately 110 km southeast of Burns Lake and 150 km southwest of Vanderhoof in the Omineca Mining Division, about 10 km north of Tsacha Lake.

Location on NTS map 93F 2/W is 124° 53' W and 53° 09' N latitude.

Access to the property is by helicopter from Burns Lake (Alpine) or from Prince George (northern Mountain). 1

Location and Access cont.:

Alternately, ground access is via the newly constructed Kluskus/Ootsa Forest Access Road from Vanderhoof to within 9 miles of the claim. Access from the Kluskus/Ootsa Forest Access Road to the Chief claim is by the new Granges Exploration mining road at km 145; then by 4 x 4 trail for the remaining 3.5 km.

Physiography:

The claim area is situated on the north slope of Mt Davidson with the southeast corner of the claim approximately 150 metres northeast and below the mountain. The southeast corner of the Chief claim is common with the southwest corner of the Dave claim.

Elevation ranges from 1,850 metres at the southeast and northwest corners to approximately 1,650 metres at the southwest and northeast corners. The claim area consists of generally open, rocky, wet alpine meadows gradually fading into balsam/spruce/pine forest at the lower elevations.

Regional Geology:

The Mt. Davidson area comprises a large volcanic pile of rhyolitic crystal tuffs, andesites, argillites and associated breccias. Minor granodiorite intrusions are also present in exposed bedrock.

Physical Work:

Two days were spent locating and cutting out a 4 x 4 access trail from the end of the Granges Exploration mining road to the northeast corner of the Chief claim. The route is intersected by small swampy alpine drainages which necessitates many detours.

Geochemistry:

Reconnaissance soil geochemical sampling has outlined a wide zone 400 metres slightly anomalous for Zn/Ag values ranged consistently from 100-170 for Zn and .6 to .8 for Ag with background levels at 30-50 and .2 ppm respectively, 70 samples were taken; 50 were analyzed.

Conclusions:

Further soil geochem sampling at 50 metre intervals between 600W and 1,100W should be carried out both north and south of the present 10,000 N line. Preliminary results suggest acquiring property due north of the Chief

Conclusions cont.:

claim to cover that area downslope from the present 600-1100
W anomaly.

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

Geochemical: 35 samples (June 11, 1987)

1 man @ 100.00/day x 3 days	\$300.00
2 horses @ 20.00/day/horse x 3 days	120.00
Feed & grain for horses	17.50
Groceries at 15.00/day/man x 3 days	45.00
Transportation from Prince George Toyota P.U. (4 x 4) 160 miles x 2	<u>49.00</u>
	\$531.50

Physical: (4 x 4) trail construction (July 28,29;1987)

1 man @ 100/day x 2 days	\$200.00
1 man @ 65/day x 2 days	130.00
Groceries at 15.00/man/day x (2 x 2)	60.00
Transportation from Prince George 160 miles x 2	<u>50.00</u>
	\$440.00

Geochemical: 35 Samples (July 30, 1987)

1 man @ 100.00/day	\$100.00
Groceries at 15.00/man/day	15.00
Samples Analysis Costs 50 x 12.00	<u>600.00</u>
	\$715.00
Assessment Report Preparation Costs	<u>200.00</u>
Grand Total:	\$1,886.50

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION MT. DAVIDSON

CODE : 8610-001

Project No. : 240
 Material : SOIL & RX
 Remarks :

Sheet: 1 of 1
 Geol. : R. Mc.

Date rec'd: SEP. 24
 Date compl: OCT. 01

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
2	10000N-0W OE 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	-
21	1500	12	56	8	0.2	-
22	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	-
46	8000N-2000W	22	76	6	0.4	-
47	11000N-471W	14	120	4	0.2	-
48	13000N-600W	10	120	14	0.8	-
49	13805 SOIL	18	150	20	1.4	-
105	88239 RX	300	76	1	1.0	10
106	88240 RX	20	88	1	0.5	10

DAVE CLAIM

Chief Claim

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 NB 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

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
C-8	27	9	77	.5	72
C-9	23	14	131	.2	38
C-10	12	12	68	.1	12
C-11	16	12	78	.2	26
C-12	16	27	75	.3	32
C-13	6	10	34	.2	3
C-14	9	13	69	.1	12
C-15	7	12	30	.1	3
C-16	7	10	38	.1	8
C-17	12	13	69	.2	12
C-18	14	8	50	.4	26
C-19	14	20	72	.8	46
C-20	14	11	58	.2	28
C-21	16	16	96	.1	28
C-22	14	16	58	.2	39
C-23	11	9	84	.1	15
C-24	6	13	43	.4	4
C-25	8	20	69	.5	13
C-26	6	11	36	.2	2
C-27	7	12	49	.1	3
C-28	11	13	61	.3	18
C-29	11	11	46	.2	12
C-30	10	17	49	.2	13
C-31	12	15	146	.1	21
C-32	9	13	62	.2	12
C-33	9	12	43	.3	11
C-34	8	11	36	.2	3
C-35	9	2	51	.1	12
M-1	13	9	74	.3	11
M-2	10	5	58	.1	4
M-3	10	9	46	.1	5
M-4	12	8	60	.1	4
M-5	12	10	118	.3	2
M-6	10	13	98	.3	2
M-7	12	8	54	.1	6
M-8	10	9	49	.2	3
STD C	61	37	131	7.4	39

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
M-9	10	8	62	.5	7
M-10	11	9	93	.2	10
M-11	10	7	50	.1	4
M-12	10	8	75	.2	7
M-13	19	11	133	.5	16
M-14	13	10	61	.4	11
M-15	12	14	60	.3	5
M-16	12	8	74	.2	5
M-17	10	11	57	.5	9
M-17A	11	3	54	.2	11
M-18	7	13	46	.1	4
M-20	13	15	85	.2	7
M-21	19	15	101	.9	14
M-22	11	8	62	.2	5
M-23	14	12	77	.3	9
M-24	9	10	57	.3	9
M-25	8	16	43	.2	3
M-26	13	7	41	.1	9
M-27	8	13	54	.1	3
M-28	10	11	65	.3	8
M-29	12	13	69	.2	8
M-30	12	13	72	.1	8
M-31	8	15	51	.3	4
M-32	11	15	66	.2	9
M-33	13	18	76	.2	6
M-34	8	32	68	.3	5
M-35	9	28	68	.1	8
M-36	11	18	72	.4	6
M-37	8	19	54	.2	3
M-38	27	20	73	.2	13
M-39	6	20	35	.2	5
M-40	9	22	74	.2	10
M-41	33	23	114	.5	13
M-42	7	27	67	.1	5
M-43	12	37	130	.6	5
M-44	11	14	66	.1	4
M-45	10	17	63	.5	2
STD C	58	39	131	7.0	37

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
M-46	11	15	68	.2	13
M-47	11	20	70	.5	8
M-48	11	12	70	.5	10
M-49	16	16	62	.4	10
M-50	5	25	51	.2	3
140-100	9	14	49	.4	37
140-200	17	13	81	.5	24
140-300	10	13	58	.6	25
140-400	11	12	56	.3	59
140-500	11	15	94	.3	77
140-600	8	14	61	.4	9
210-300	34	13	68	.8	87
NO NUMBER 1	9	19	47	.1	8
NO NUMBER 2	8	25	45	.1	7
STD C	62	41	131	7.6	43

CHIEF MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

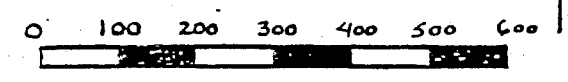
Lat 53°09'N Long 124°53'W

NTS 93F2W

Legend

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

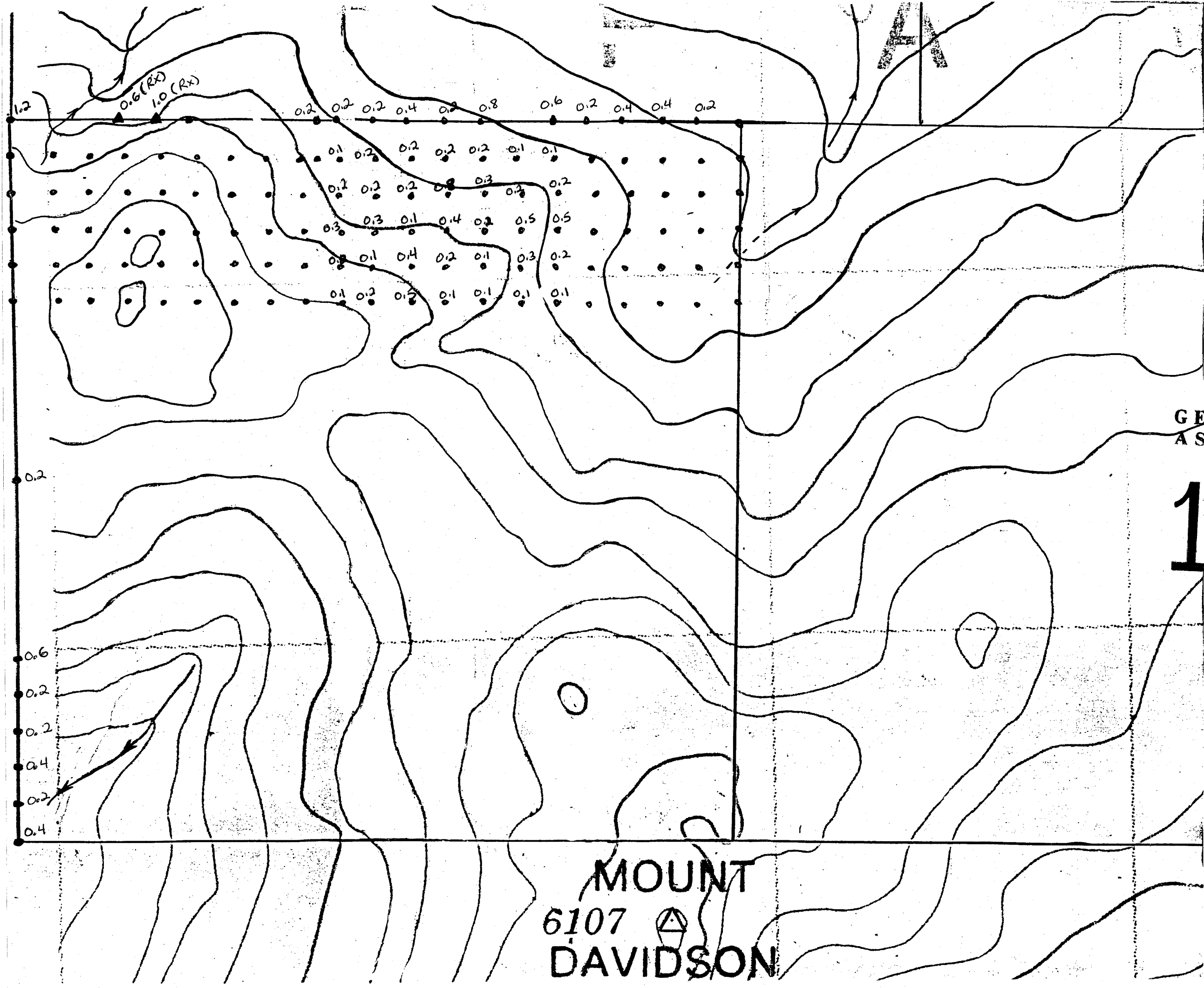
Ag (ppms)

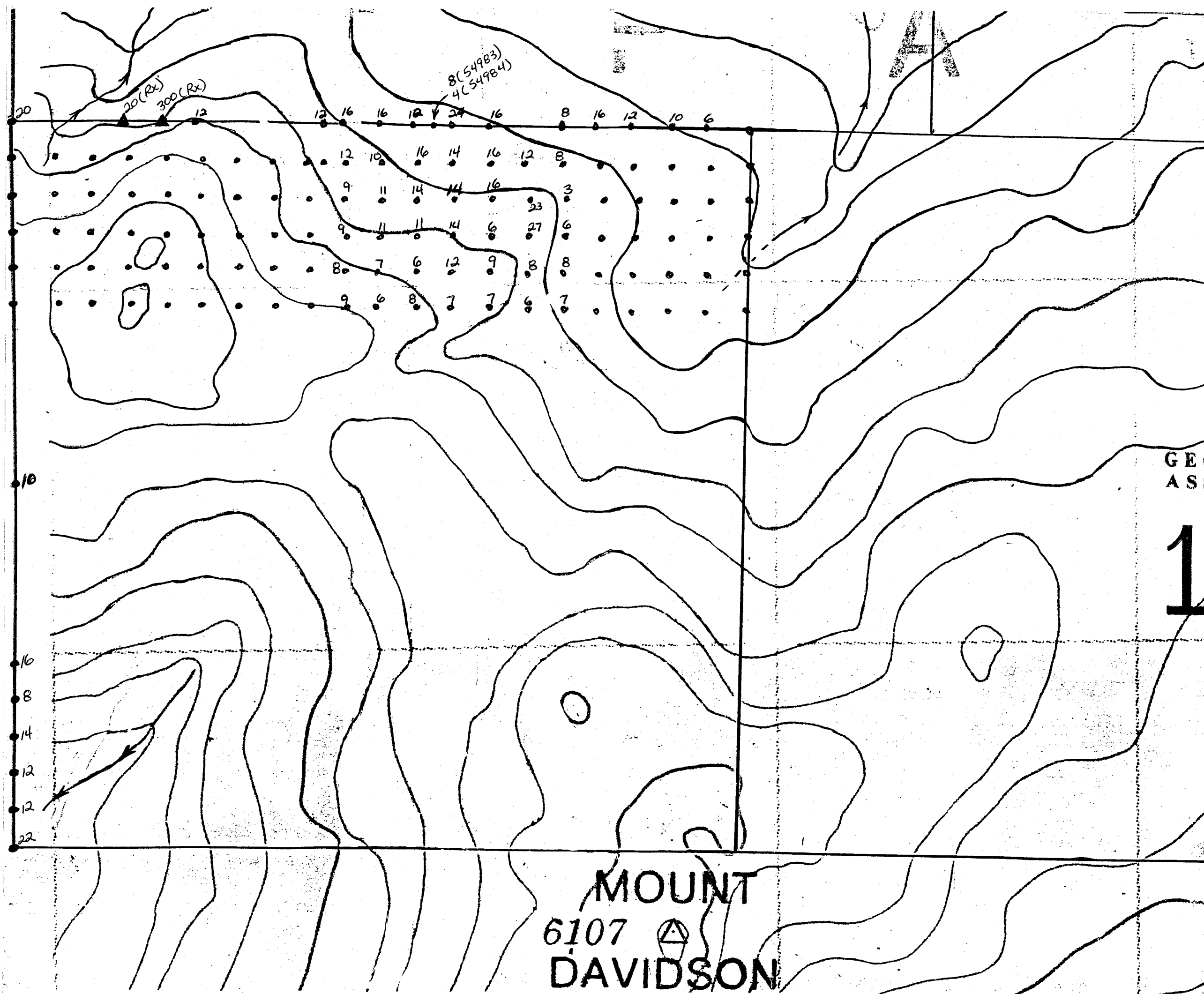


Metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,690

MOUNT
6107
DAVIDSON





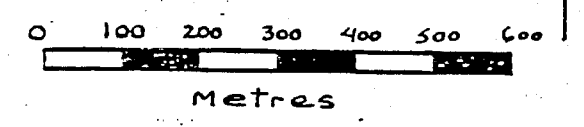
**CHIEF MINERAL CLAIM
(MT. DAVIDSON)**

Geochem Sample Location Map
 Scale 1:10,000
 Lat 53°09'N Long 124°53'W
 NTS 93F2W

Legend

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

Cu (ppm's)



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

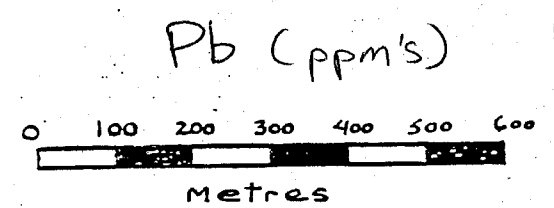
16,690

**MOUNT
6107 △
DAVIDSON**

CHIEF MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map
Scale 1:10,000
Lat 53°09'N Long 124°53'W
NTS 93F2W

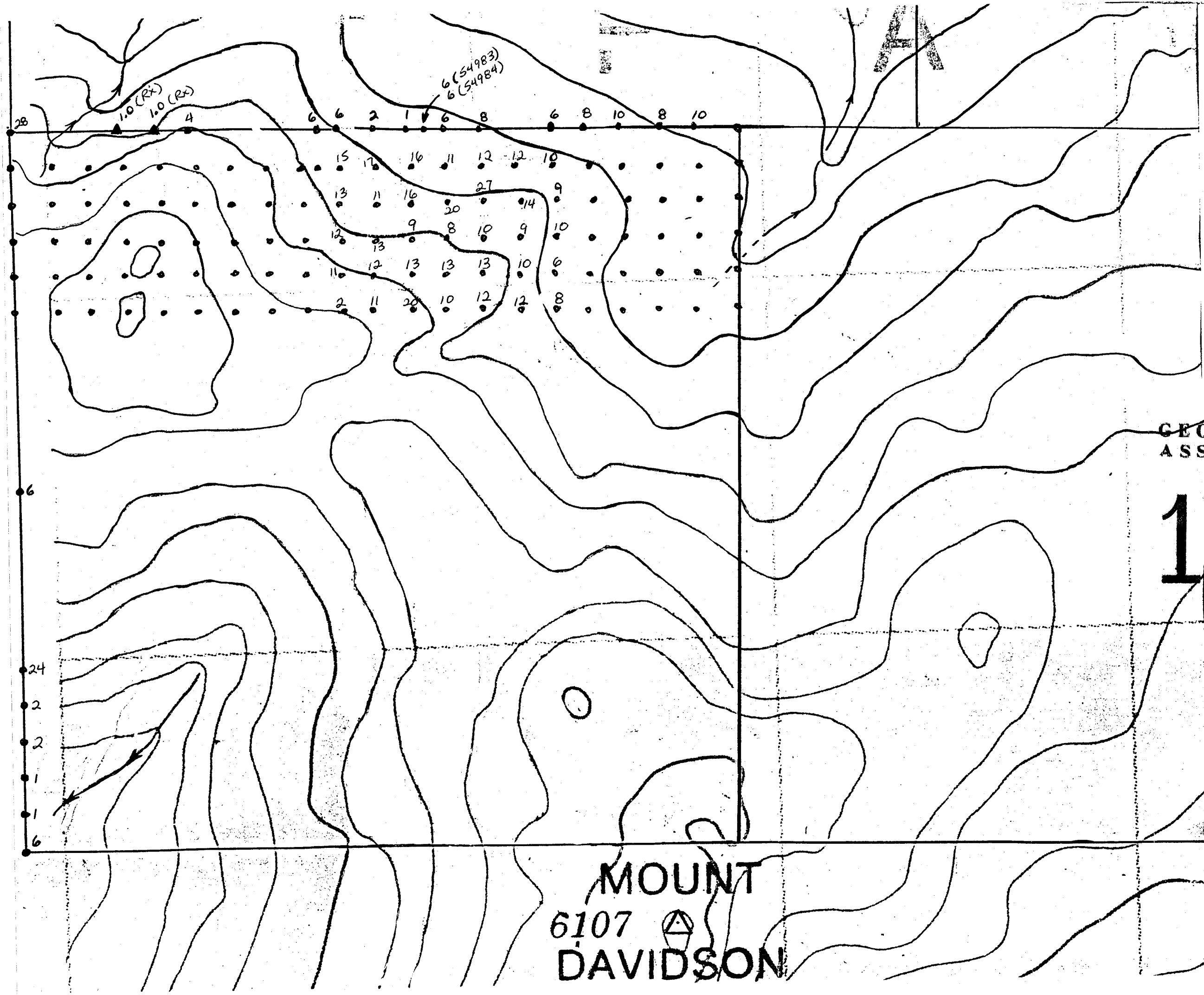
- Legend**
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 - claim line (approx)



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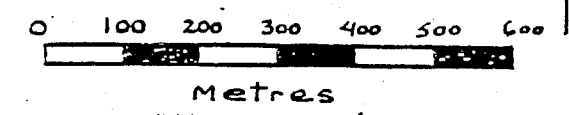
CHIEF MINERAL CLAIM
(MT. DAVIDSON)

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Lat 53°09'N Long 124°53'W
NTS 93F2W

Legend

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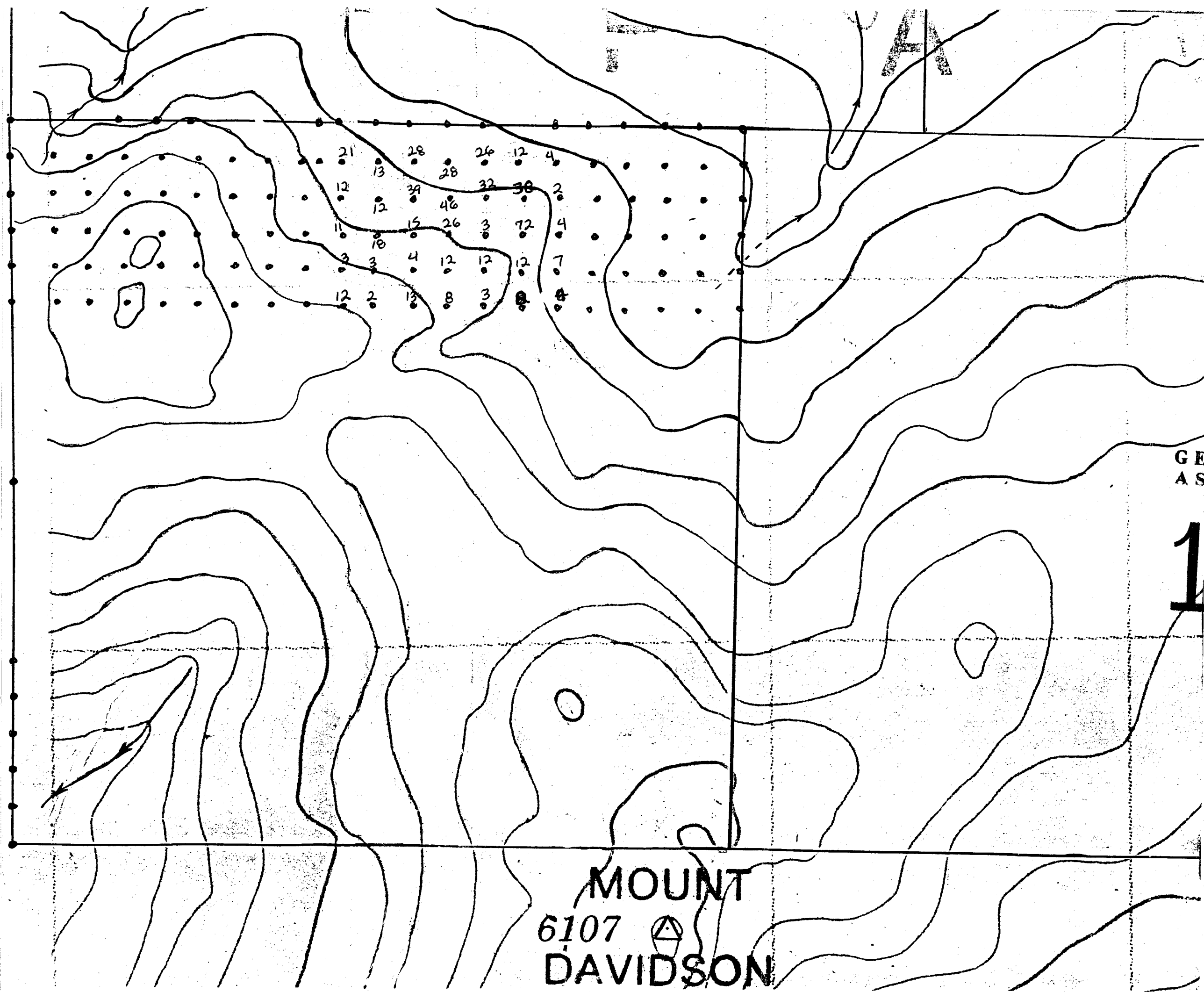
As (ppm's)



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CHIEF MINERAL CLAIM
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

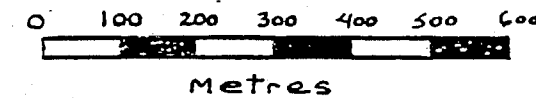
Lat 53°09'N Long 124°53'W

NTS 93F2W

Legend

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

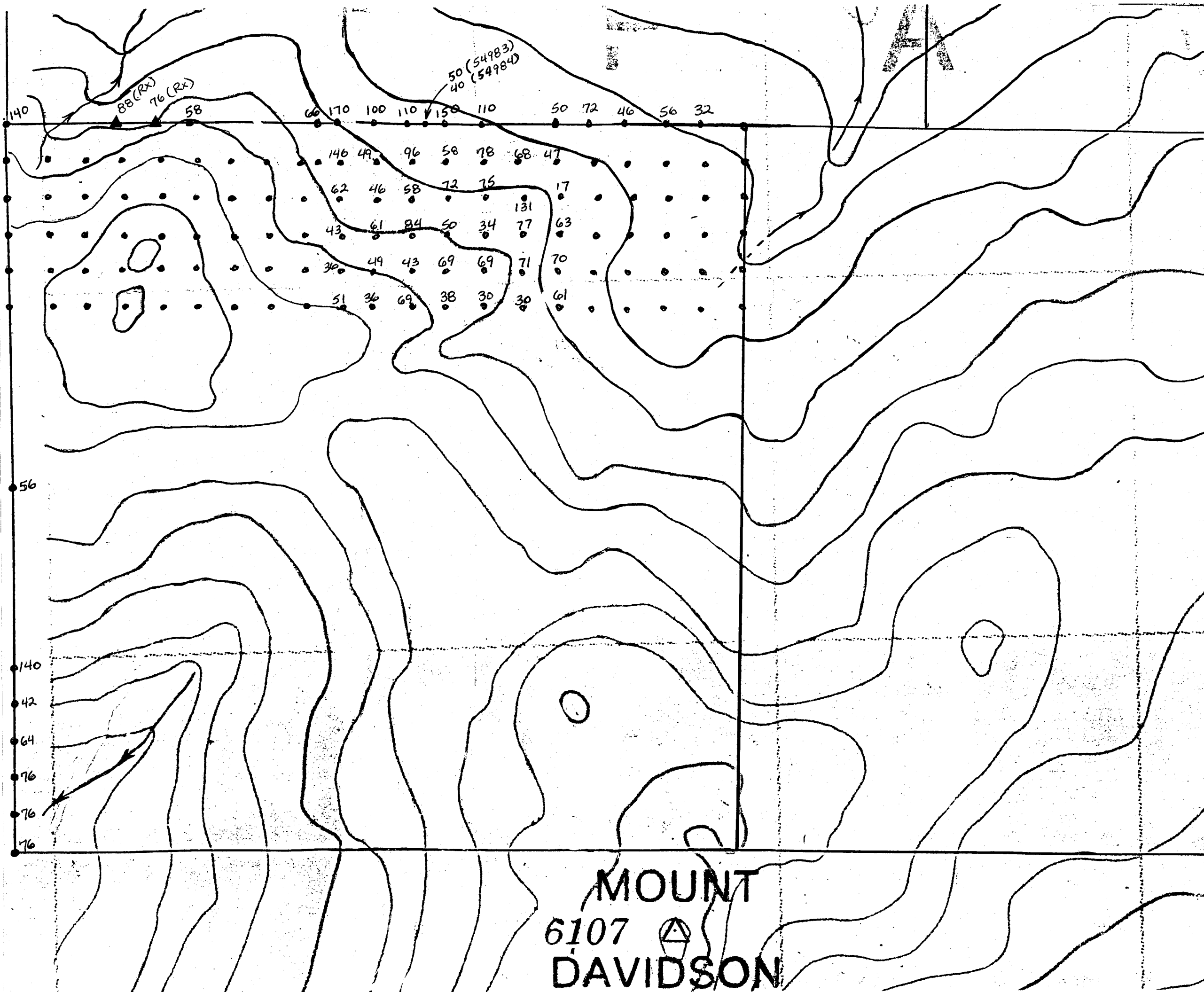
Zn (ppm's)

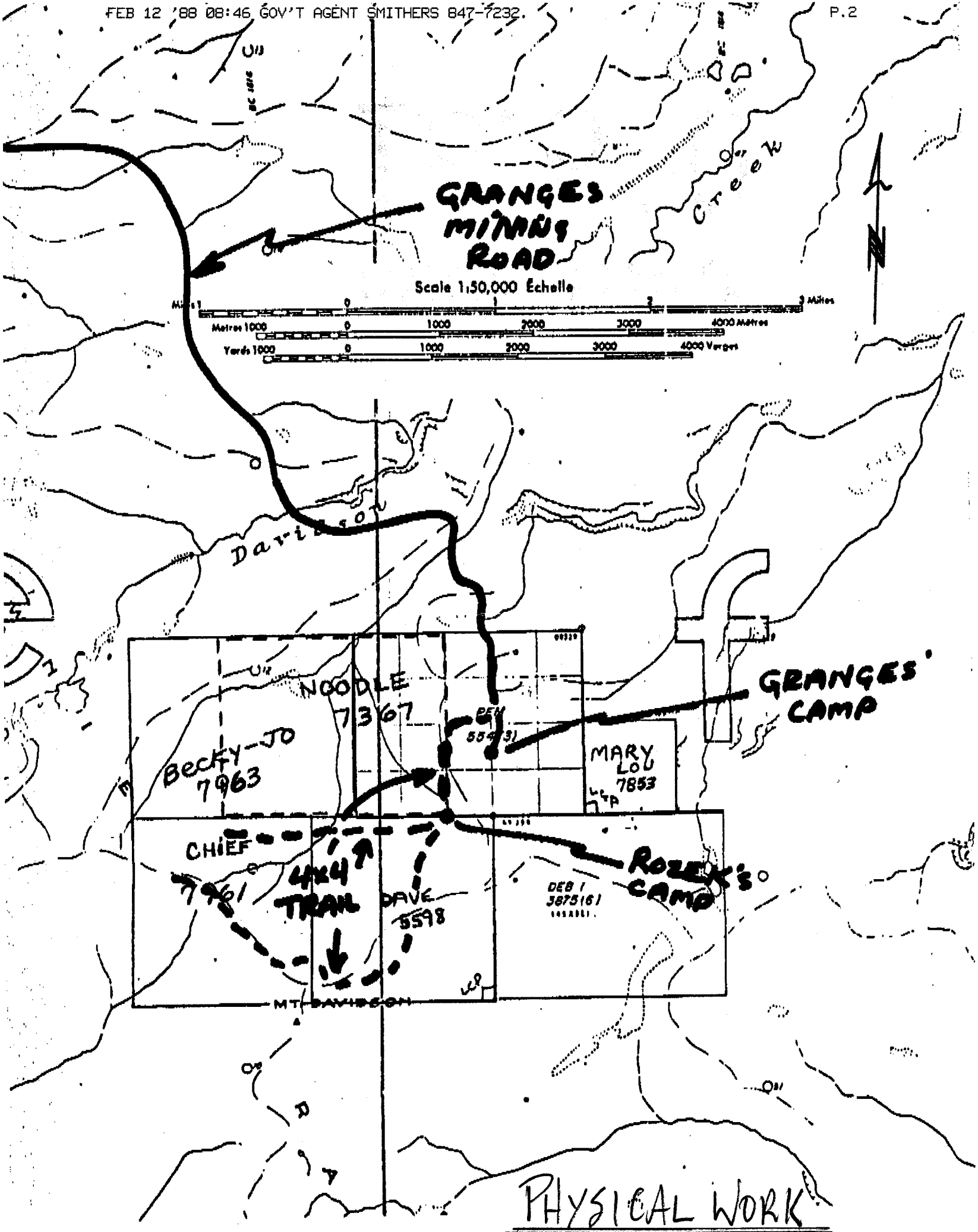


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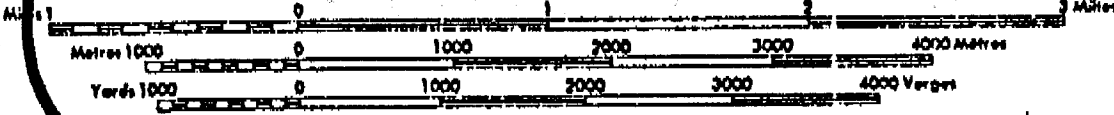
MOUNT
6107
DAVIDSON





**GRANGES
MINING
ROAD**

Scale 1:50,000 Echelle



**GRANGES'
CAMP**

**ROZEK'S
CAMP**

BECKY-JO
7963

NOODLE
7367

MARY LOU
7853

CHIEF
7961

4x4
TRAIL

DAVE
5598

DEB I
5875161

PHYSICAL WORK