

1985 Geochemical Survey

DAVE MINERAL CLAIM  
Mt Davidson Area  
Omineca Mining Division  
NTS 93F 2W  
Lat 53\*09'N Long 124\*51'W

07/87

15,403



Province of  
British Columbia

Ministry of  
Energy, Mines and  
Petroleum Resources

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) <b>PROSPECTING</b>	TOTAL COST <b>\$ 2,145.00</b>
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AUTHOR(S) **David H. Rozek** SIGNATURE(S) **David H. Rozek**

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED **July 22, 1986** YEAR OF WORK **1985**

PROPERTY NAME(S) **Dave**

COMMODITIES PRESENT

B.C. MINERAL INVENTORY NUMBER(S) IF KNOWN

MINING DIVISION **Omineca**

NTS **93F-2W**

LATITUDE **53° 09.7' N**

LONGITUDE **124° 51.5' W**

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units), PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]

**Dave (5598) 16 units**

**FILMED**

OWNER(S)

(1) **David H. Rozek**

(2) **John Blackwell**

**C/o. Moose Lake Resort**

MAILING ADDRESS

**666 Carney St.  
Prince George BC V2M2K6**

**Gen. Del.  
ANAHIM LAKE BC VOLICO**

OPERATOR(S) (that is, Company paying for the work)

(1) **DAVID H. ROZEK**

(2)

MAILING ADDRESS

**666 Carney St.  
Prince George BC  
V2M2K6**

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

**TAKLA or possibly Hazelton group volcanic rocks of the upper Triassic period are the oldest rocks in the Davidson area. This unit is overlain by late Oka Lake Group volcanics. No alteration was noted.**

REFERENCES TO PREVIOUS WORK

**1983 Assessment Report**

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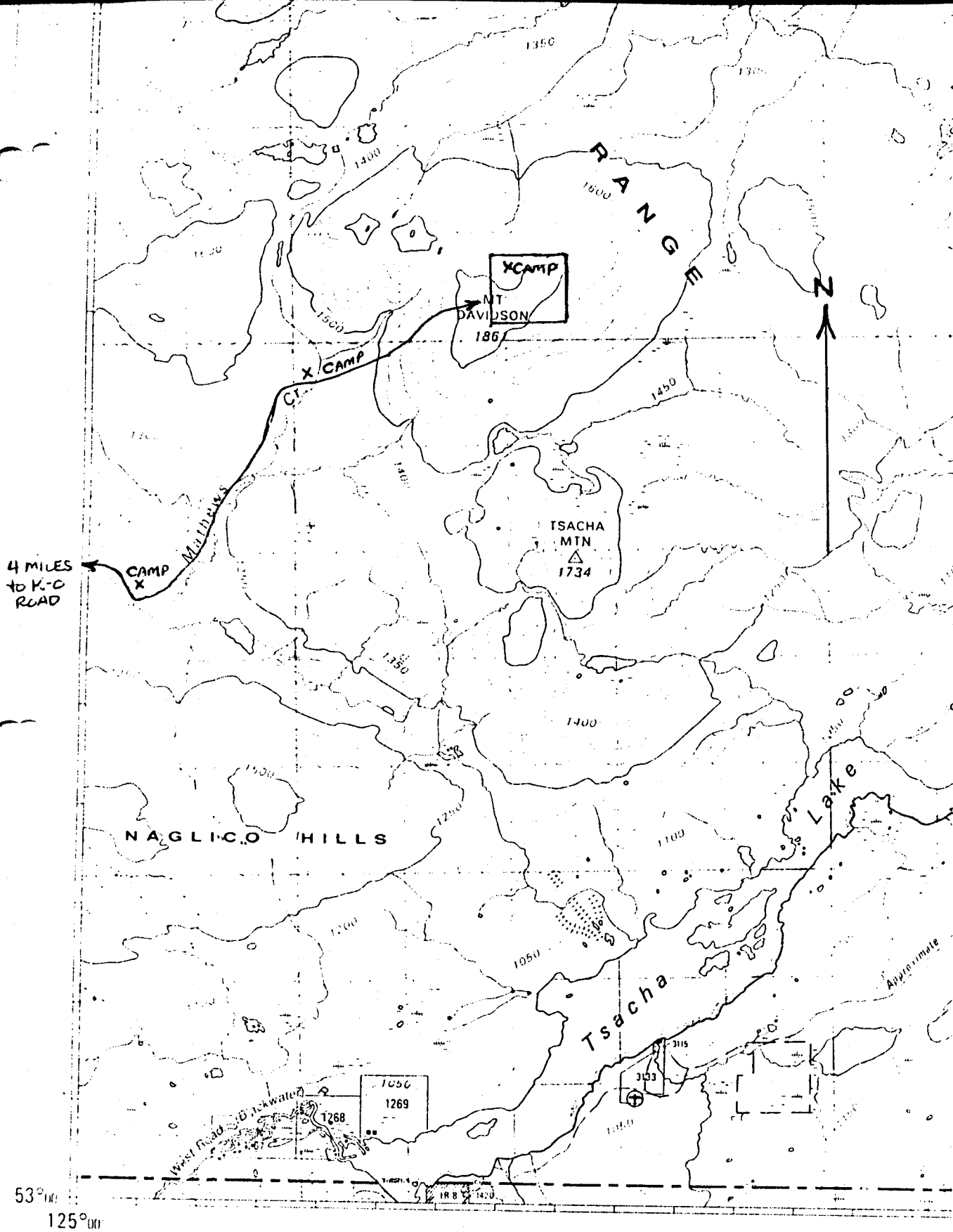
## GEOLOGICAL BRANCH ASSESSMENT REPORT

# 15,403



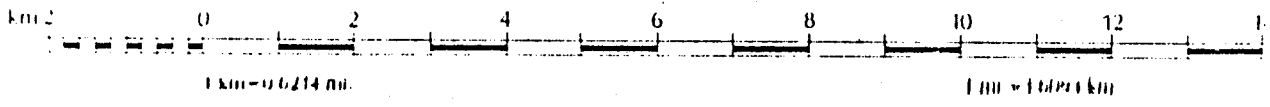
## PROPERTY LOCATION MAP

<p>SCALE</p> <p>0 36 miles</p>			
<p>Map 1136</p>	<p>Date</p>	<p>N.T.S. MAP AREA</p>	<p>DRAWING NO.</p>
<p>Prepared By:</p>	<p>Revised:</p>		



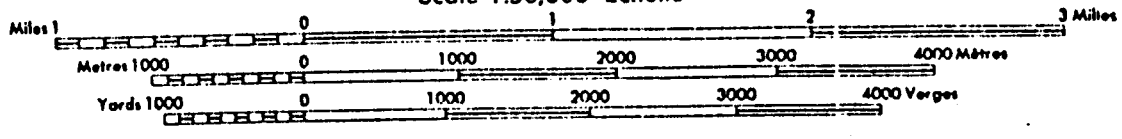
LOCATION MAP

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

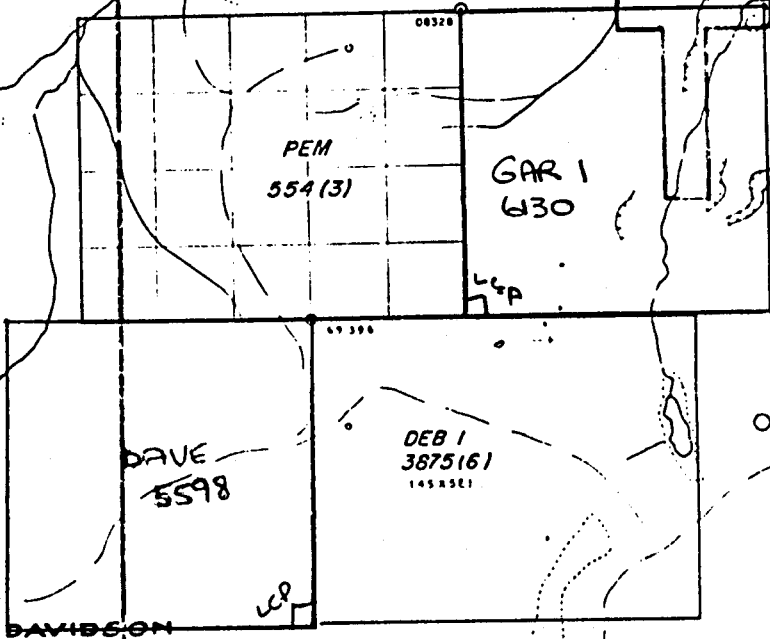


# CLAIM MAP

Scale 1:50,000 Échelle



Davidson



MT. DAVIDSON

## Introduction

Recent Pb - Zn - Ag and Au anomalies first explored by Rio Tinto in 1965-71, led to the Granges Exploration staking of the "Capoose" Property in the northern Fawnee Mountain area. Additional airborne and geochem reconnaissance by Granges in 1977 and 1981 led to the discovery of Zn anomalies of the North and East slope of Mt. Davidson. The Pem and Deb 1 claims were consequently staked at that time. This information coupled with Pb - Zn anomalies established on upper Matthews Creek by Cities Service in 1975 lent support to acquiring ground to the West of the Granges claims.

On July 27 / 83 the Dave mineral claim was staked adjacent to the Granges Pem and Deb 1 claims.

## Location and Access

The Dave Mineral Claim property, consisting of 16 units, is located on the north flank of Mt. Davidson approximating 110 Km SE of Burns Lake and 150 Km SW of Vanderhoof, B.C. in the Omineca Mining Division; about 10 Km north of Tsacha Lake. Location on NTS map 93 F 2/W is 124\*51'W longitude, 53\*09'N latitude.

Access to the property is by helicopter from Burns Lake (Alpine) or Prince George (Northern Mtn.). Additionally the newly constructed Kluskus - Ootsa Forest Access Road from Vanderhoof affords access to within 9 miles of the property. Access from the Kluskus - Ootsa access road to the Dave claim property is by saddle and pack horse trail. Average trail time is approximately 5 - 6 hours.

### Physiography

The claim area is situated on the north slope of Mt. Davidson with the SW claim corner approximately 150 metres NE of and below the Mountain. Elevation ranges from 1850 metres at the SW corner to approximately 1650 metres at the NW corner, with a general elevation of 1750 metres. The claim area consists of generally open wet alpine meadows along the south 1/2 of the claim, gradually fading into Balsam, Spruce and Pine forest along the lower elevation (northern boundry). The NE corner of the claim area is densely covered with snow-crushed, thick fallen second-growth balsam. Travel is extremely difficult in this area. One small creek along the west boundry is the only major source of water on the property.

### Regional Geology

The Mt. Davidson area consists of a large volcanic pile of rhyolitic crystal tuffs, andesites, argillites



and associated braccias. Minor grandiorite intrusions are present in the SW corner outcroppings. Only the south westerly portion of the claim exhibits any bedrock exposures. The balance of the property area is heavily overlain with sand, gravels and related glacial deposits. Indications are a massive glacial scouring from the west with the glacial overburden tending to deepen to the east.

### Geochemical

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Eight days were spent sampling in 1985. Because of adverse weather conditions and extremely dense balsam underbrush only 85 soil samples were taken. 63 of these were analyzed, showing low levels of Cu, Zn, Pb and Ag along the north boundry of the Dave claim.

Cu: 10 -- 120 ppm

Zn: 32 -- 100 ppm

Pb: 1 -- 10 ppm

Ag: 0.2 -- 0.6 ppm

Sample geochem analysis sheets are enclosed.

### Conclusion

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The entire Mt. Davidson area has geochemical evidence of a possible massive sulfide deposit with enhanced levels

of Cu, Ag, Zn, and lower Au values. Further geochem sampling is warranted in the N.E. quadrant of the claim area.

1985 sampling results plus the recent (1985) drilling program on the Granges property immediately east of the Dave claim indicate a general SE - NW trend to the possible sulfid body. This trend corresponds with anomalous Zn values at Mt. Tsacha to the south. Consequently the area between Mt. Davidson and Mt Tsacha should not be overlooked.

The 1986 - 87 recon programs will consist of line cutting a grid in the NE quadrant with subsequent 50 metre sampling. With continued enhanced results and providing sufficient funding is available, 1987 trenching program will begin.

#### Qualifications

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

2) two years field work under direction of Mr. Michael Smith geologist for B.P. Minerals assistant to Dr. Stan Hoffman of the Gran 5, 6, 7 and Laid claims in the "Capoose" Fawnee Mt. area.

3) Present prospecting and field work done under direction of Mr. Ronald G. MacArthur, District Geologist, Noranda Exploration Company Ltd. 1750 Quinn St., Prince George, B.C.

David H. Rozek

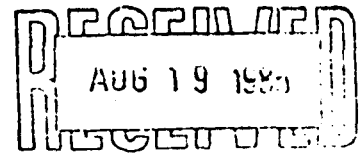
## Statement of Costs

Geochemical: (51 Samples) Aug. 1 - 8th, 1985

1 man @ \$100.00/day for 8 days	\$ 800.00
1 field assistant @ \$45.00/day	360.00
2 horses @ \$20.00/day ea.	320.00
Groceries @ 20.00/man/day	320.00
Feed grain for horses (27.00)	27.00
Powersaw expenses 12.00/day	96.00
Transportation from Vanderhoof, B.C. (Toyota 4x4)	65.00
Samples delivery to Prince George	37.00
Assessment Report Preparation	120.00
	<hr/>
	\$ 2,145.00

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION:

CODE :8507-075

Project No. : 240 Sheet: 1 Date rec'd:  
 Material : Soil Geol.:R.M. Date compl:  
 Remarks : \*\*N.B. I.S. = insufficient sample  
 Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Ag	PPB Au
2	SOIL 14009	26	0.2	10
3	14017	42	0.2	10
4	14018	20	0.2	10
5	14019	14	0.2	10
6	14022	20	0.2	20
7	14026	16	0.2	10
8	14029	6	0.2	10
9	14030	12	0.2	10
10	14031	6	0.2	10
11	14032	8	0.2	10
12	14033	6	0.2	10
13	14035	8	0.2	10
14	14041	24	0.2	10
15	14042	16	0.2	10
16	14043	54	0.2	10
17	14044	120	0.6	10
18	14046	26	0.2	290
19	14047	10	0.2	10
20	14052	10	0.2	10
21	14053	16	0.2	10
22	14054	34	0.2	10
23	14058	20	0.2	10
24	14061	44	0.2	10
25	14062	20	0.2	10
26	14063	14	0.2	10
27	14064	18	0.2	10
28	14065	18	0.2	10
29	14066	20	0.2	10
30	14068	14	0.2	10
31	14069	16	0.2	10
32	14072	38	0.2	10
33	14073	14	0.2	10
34	14074	16	0.4	10
35	14080	14	0.2	10
36	14081	6	0.2	10
37	14083	8	0.2	10
38	14084	10	0.2	10
39	14085	8	0.2	10

\*\*N.B. I.S. samples 14050 10  
 14079 10

10010-10M TO 1111

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: MT. DAVIDSON

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.	PPM				PPB
		Cu	Zn	Pb	Ag	Au
2	1000N-OW 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	-
	1200	8	50	6	0.2	-
	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	1000N-2000E	10	64	6	0.2	-
27	1000N-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	1000N-2000W	20	140	28	1.2	-
40	900N-2000W	10	56	6	0.2	-
41	850N-2000W	16	140	24	0.6	-
42	840N-2000W	8	42	2	0.2	-
	830N-2000W	14	64	2	0.2	-
	820N-2000W	12	76	1	0.4	-
	810N-2000W	12	76	1	0.2	-
46	800N-2000W	22	76	6	0.4	-
47	1100N-471W	14	120	4	0.2	-
48	1300N-600W	10	120	14	0.8	-
49	1380S SOIL	18	150	20	1.4	-
105	88239 RX	300	76	1	1.0	10

DAVE MINERAL CLAIM  
(MT. DAVIDSON)

Geochem Sample Location Map

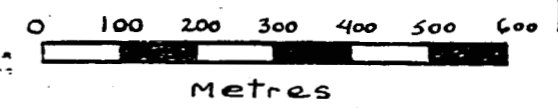
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Lat 53°09'N Long 124°51'W

NTS 93F2W

Legend

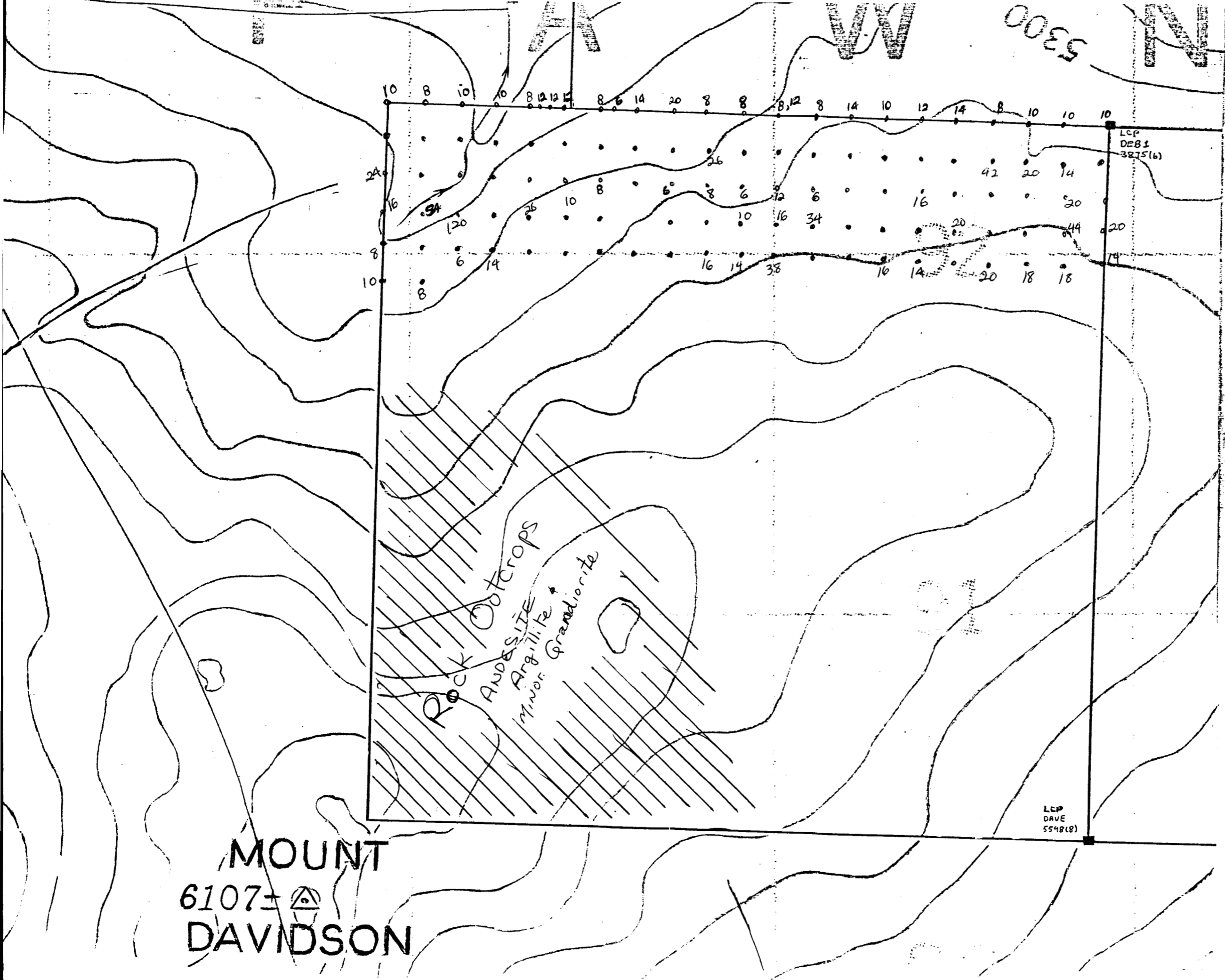
- soil sample
- △ rock chip
- claim post
- claim line (approx)



(Copper) Soils  
Location Map  
(ppm)'s

15,03

GEOLOGICAL BRANCH  
AS REPORT



MOUNT  
6107 ±   
DAVIDSON

LCP  
DAVE  
5548(8)

LCP  
DEB1  
3875(6)

AK W 0025 N

DAVE MINERAL CLAIM  
(MT. DAVIDSON)

Geochem Sample Location Map

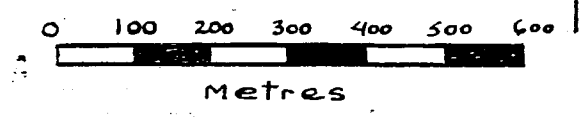
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Lat 53°09'N Long 124°51'W

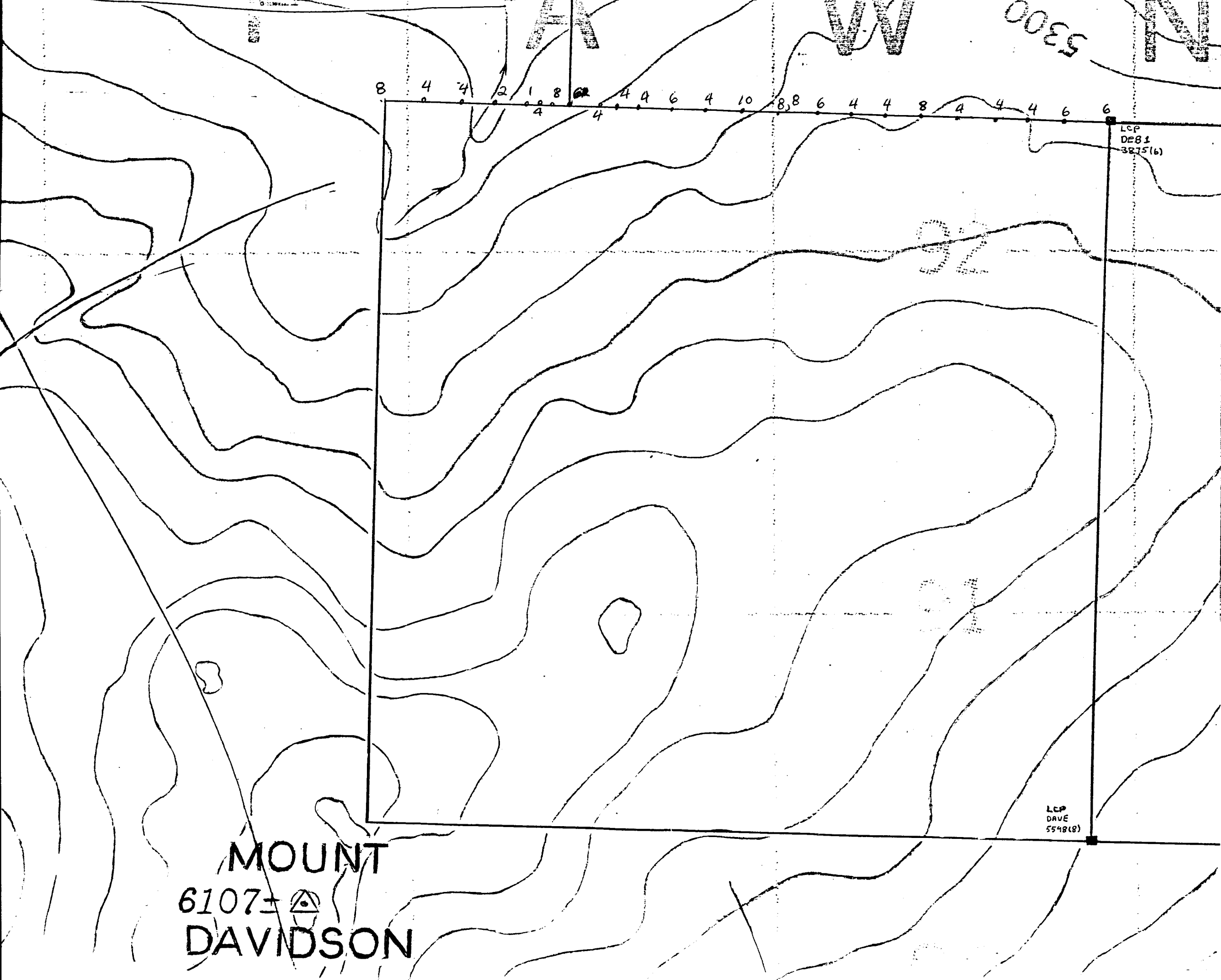
NTS 93F2W


Legend

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



(Lead) Soils  
Location MAP  
(ppm's)



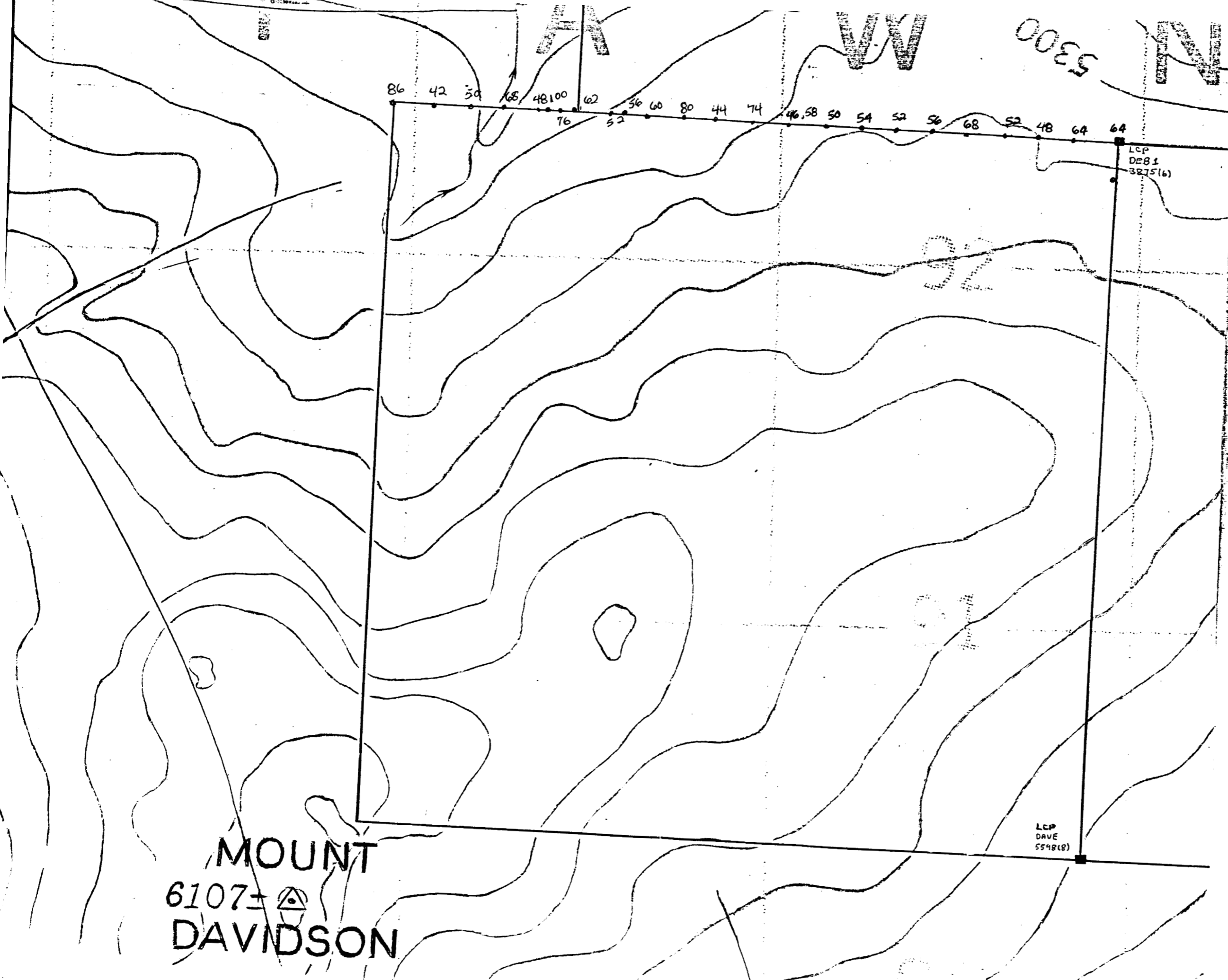
MOUNT  
6107 ±   
DAVIDSON

LCP  
DAVE  
3875(6)

LCP  
DAVE  
5548(8)

T-1103

MINERAL CLAIM



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

Geochem Sample Location Map

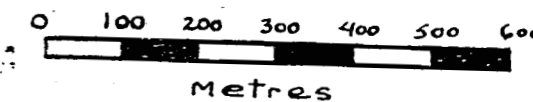
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Lat 53°09'N Long 124°51'W

NTS 93F2W

Legend

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



(Zinc) Soils  
Location Map  
(ppm)'s

**MOUNT  
6107-△  
DAVIDSON**

LCP  
DAVE  
5548(8)



DAVE MINERAL CLAIM  
(MT. DAVIDSON)

Geochem Sample Location Map

Scale 1:10,000

Lat 53°09'N Long 124°51'W

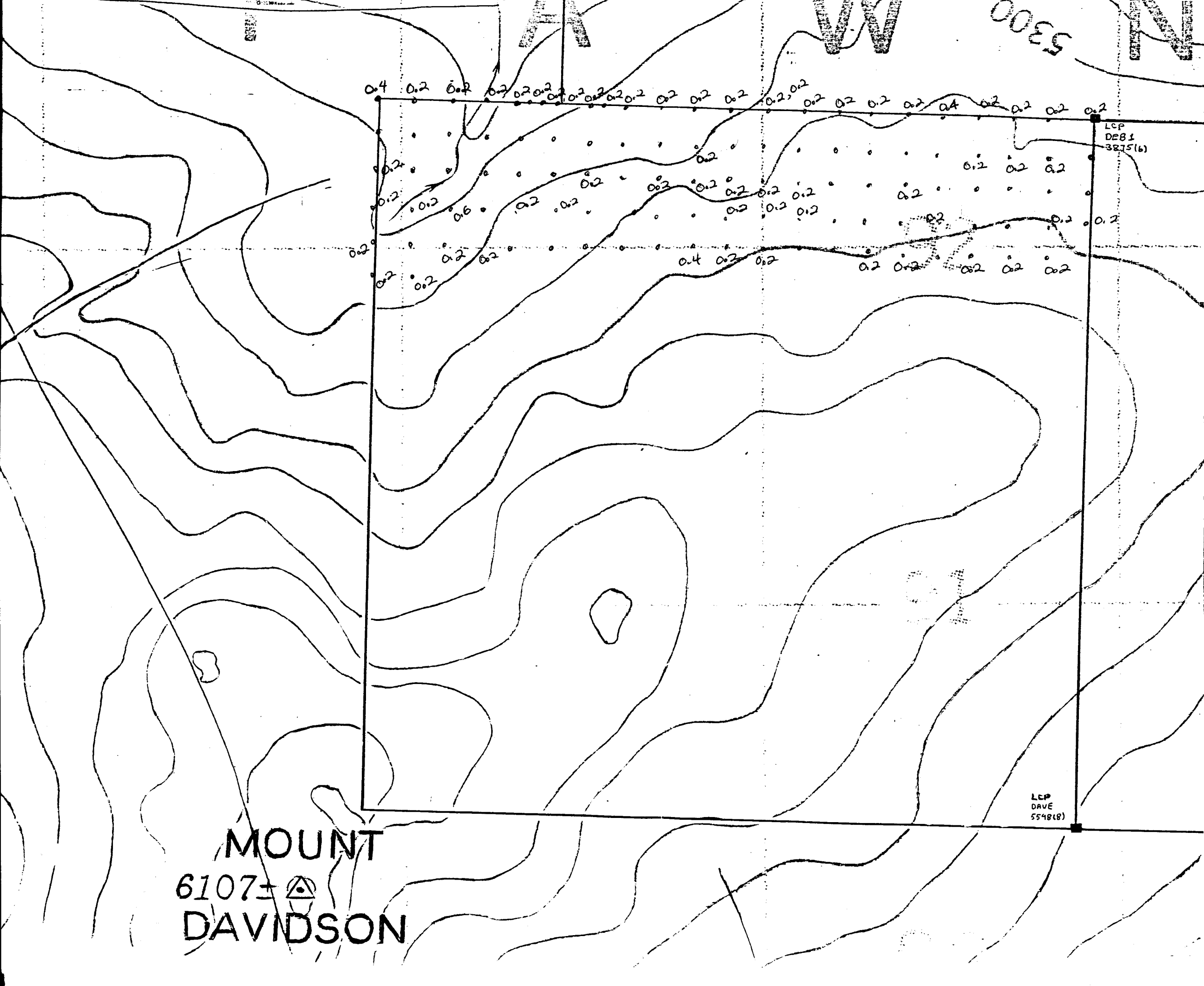
NTS 93F2W

Legend

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



(Silver) Soils  
Location Map  
(ppm's)



MOUNT  
6107 ± △  
DAVIDSON

LCP  
DAVE  
5548(8)

LCP  
DEB1  
3875(6)

AK W 5300 N