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FILE NO: 87-710-16533

Prospectors Report on 1986-1987

Geochemical Reconnaissance

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,533

Geochemical Survey

Dave Mineral Claim

Mt. Davidson Area

Omineca Mining Division

NTS 93F 2/W

Owner(s): D.H. Rozek
J.K. Blackwell

Operator: D.H. Rozek

Dates Worked: Aug. 23-30, 1986
June 1 -10, 1987

Latitude 53* ^{10'} 09* N Longitude 124* 52* W

By: David H. Rozek
666 Carney St.
Prince George, B.C.
V2M 2K6

FILMED

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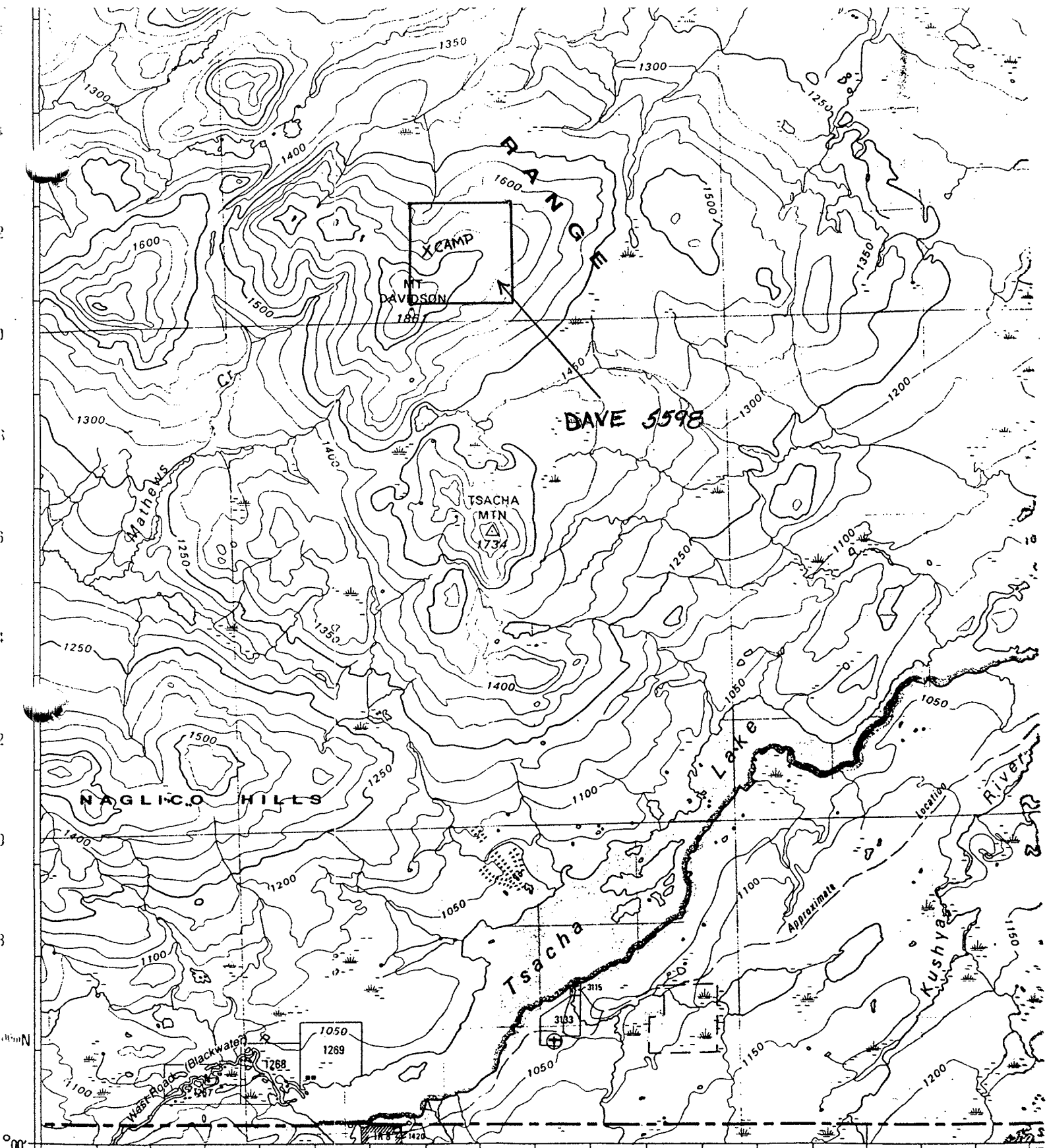


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PROPERTY LOCATION MAP
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SCALE

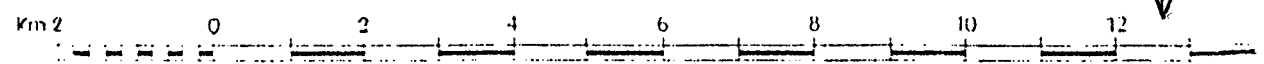
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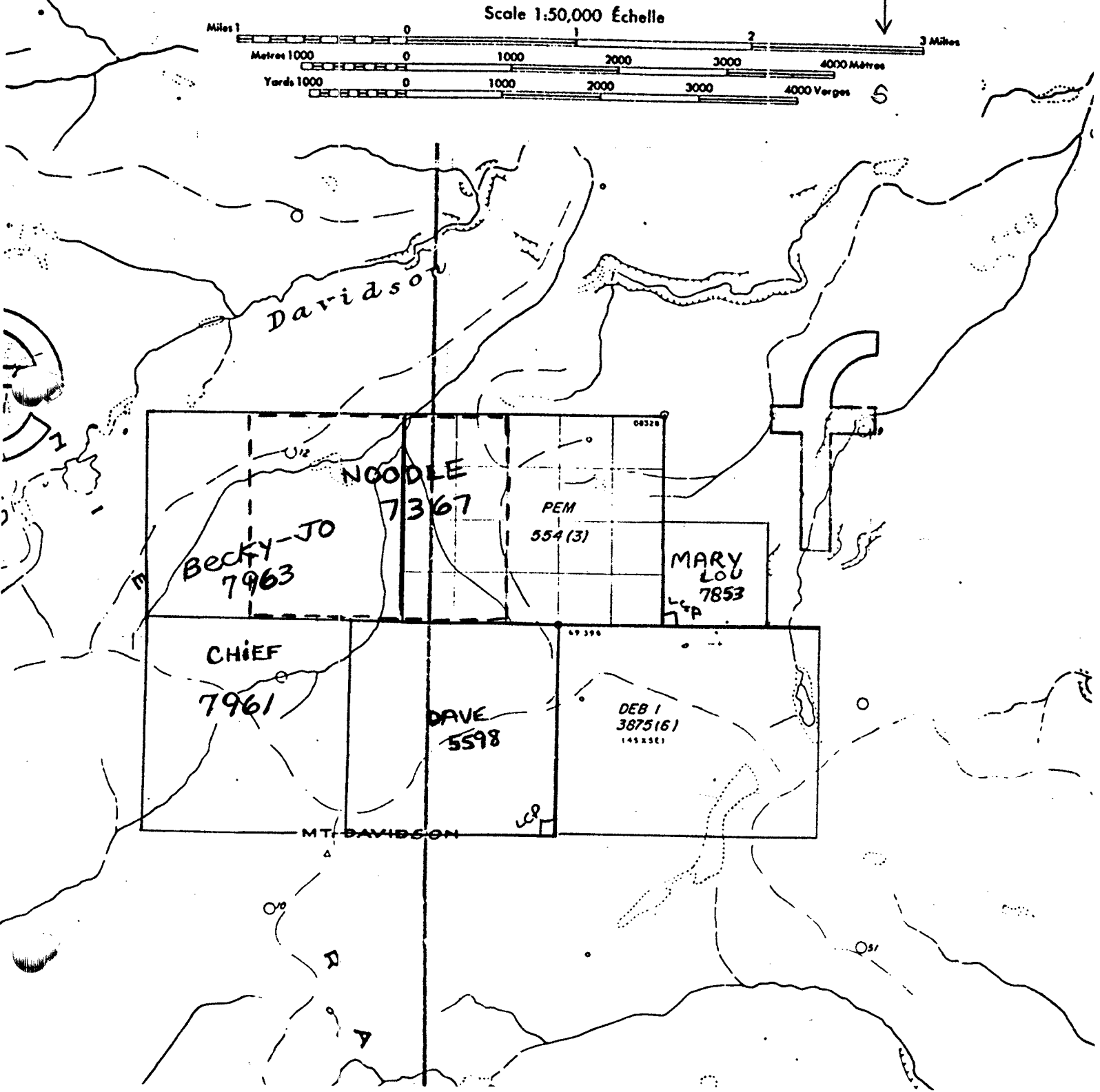
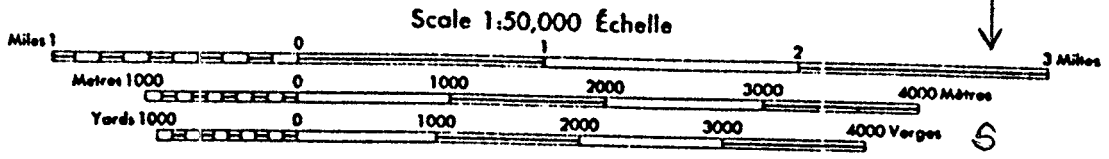
Prepared By: Drawn By:	Date: Revised:	N.T.S. MAP AREA	DRAWING No.
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125°00' 66°00'N 68 70 72 74 76 78 80 82 84 86

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





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 Mathews Creek by Cities Services in 1975 lent support to acquiring ground to the west of the Granges claims.

On July 27, 1983, 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 approximately 110 km southeast of Burns Lake and 150 km southwest of Vanderhoof, B.C. in the Omineca Mining Division; about 10 km north of Tsacha Lake. Location on NTS map 93F 2/W is 124*51'W longitude, 53* 09'N latitude.

Location and Access cont.:

Access to the property is by helicopter from Burns Lake (Alpine) or Prince George (Northern Mountain). 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 Forest Access Road to the Dave claim property is by the new Granges Exploration mining road at km 145; then by 4 x 4 trail for the remaining.

Physiography:

The claim area is situated on the north slope of Mt Davidson with the southwest claim corner approximately 150 metres northeast of and below the mountain. Elevation ranges from 1,850 metres at the southwest corner to approximately 1,650 metres at the northwest corner, with a general elevation of 1,750 metres. The claim area consists of generally open wet alpine meadows along the south one half of the claim, gradually fading into balsam, spruce and pine forest along the lower elevation (northern boundary). The northeast 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 boundary 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 southwest corner outcroppings. Only the southwestern 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:

Eighteen days were spent during the 1986/87 season soil sampling at 50 metre intervals along the northern boundary of the Dave claim. 310 samples were taken. Due to economic restraints only 100 samples (representing 100 metre intervals) were analyzed. Analysis of the remaining 210 samples will be undertaken as financing permits, dependent upon the 1st one hundred sample analysis results.

Sample results are indicated on accompanying maps.

Conclusions:

Further sampling needs to be continued in those areas showing any enhanced Zn, Pb, or Ag values. Trenching would be adviseable in these locations, to get soil samplings closer to bedrock.

Conclusions: (cont.)

With the recent (1985-87) significant gold and silver discoveries by Granges Exploration on their Pem mineral claim due north and adjacent to the Dave mineral claim, all anomalies however small, take on added significance.

The author has been approached by Granges Exploration concerning an option on all his claims on Mt. Davidson, and negotiations are presently underway.

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

<u>Geochemical</u>	(310 samples)	
	Dates worked:	
	August 23-30, 1986	
	8 days @ \$100.00/day-	\$800.00
	June 1 - 10, 1987	
	10 days @ \$100.00/day-	\$1000.00
<u>Food & Lodging</u>	18 days @ \$20.00/day	\$360.00
<u>Transportation</u>	4 trips Prince George to Mt. Davidson @ \$115.00 each.	\$460.00
<u>Analysis Costs</u>	100 samples at \$4.25 each	\$425.00
<u>Assessment Report Preparation Costs</u>		\$300.00
		<hr/>
	Total Cost	\$3345.00

HORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: MT. DAVIDSON

Project No. :240 Sheet:1 of 2 Date rec'd:SEP.24
 Material :SOIL & RX Geol.:R.Mc. Date compl:OCT.01
 Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
2	10000N-0W OE SOIL	10	36	3	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	3	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	3	46	8	0.2	-
17	1100B	12	53	3	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	55	3	0.2	-
22	1600	14	53	4	0.4	-
23	1700	8	52	4	0.2	-
24	1800	10	43	4	0.2	-
25	1900	10	64	6	0.2	-
26	10000N-2000E	10	64	6	0.2	-
27	10000N-100W	6	32	6	0.2	-
28	296	10	56	8	0.4	-
29	300	12	46	10	0.4	-
30	400	15	72	3	0.4	-
31	500	3	50	6	0.2	-
32	700	16	110	8	0.6	-
33	800	24	150	6	0.3	-
34	900	12	110	1	0.2	-
35	1000	16	100	2	0.4	-
36	1100	15	170	6	0.2	-
37	1150	12	66	6	0.2	-
38	1500	12	53	4	0.2	-
39	10000N-2000W	20	140	23	1.2	-
40	0000N-2000W	10	56	6	0.2	-
41	3500N-2000W	15	140	24	0.6	-
42	3400N-2000W	3	42	2	0.2	-
43	3300N-2000W	14	64	2	0.2	-
44	3200N-3000W	12	76	1	0.4	-
45	3100N-2000W	12	76	1	0.2	-

ACME ANALYTICAL LABORATORIES LTD.

DATE RECEIVED: OCT 17 1987

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604)253-3158 FAX (604)253-1716 DATE REPORT MAILED: *.Oct. 27/87.*

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

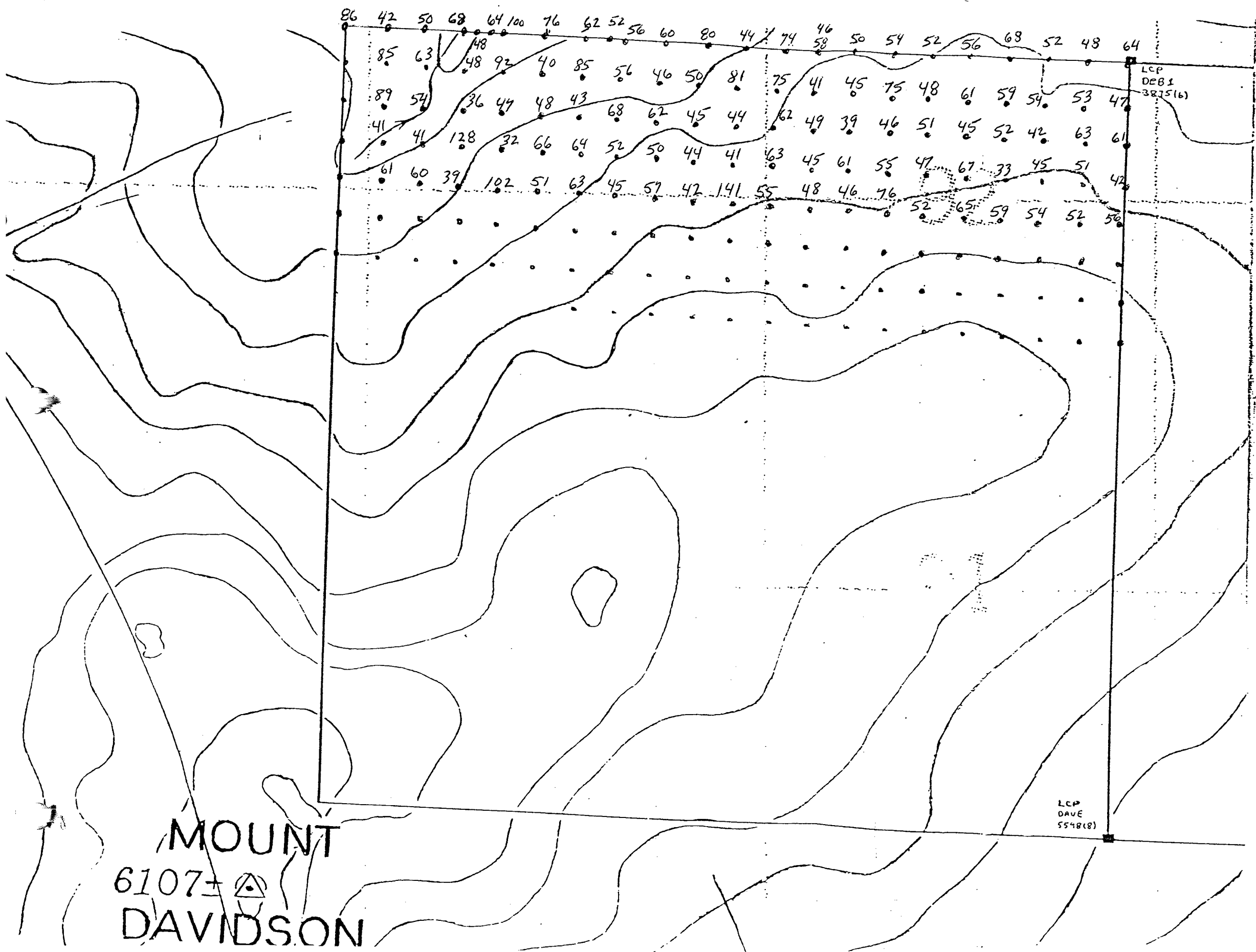
ASSAYER: *[Signature]* DEAN TOYE, CERTIFIED B.C. ASSAYER

JOHN BLACKWELL File # 87-4936 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
DAV-1	11	10	47	.2	10
DAV-2	12	8	61	.7	11
DAV-3	12	12	42	.4	17
DAV-4	13	10	56	.3	12
DAV-5	8	10	52	.6	10
DAV-6	12	9	51	.6	18
DAV-7	15	5	63	.3	11
DAV-8	11	14	53	.4	12
DAV-9	14	13	54	.5	8
DAV-10	10	8	42	.4	11
DAV-11	10	8	45	.1	12
DAV-12	14	6	54	.1	12
DAV-13	15	10	59	.3	18
DAV-14	6	12	33	.6	7
DAV-15	12	9	52	.2	9
DAV-16	15	7	59	.2	8
DAV-17	13	8	61	.4	8
DAV-18	13	6	45	.3	8
DAV-19	13	9	67	.1	4
DAV-20	13	12	65	.2	10
DAV-21	13	3	52	.3	8
DAV-22	8	12	47	.1	16
DAV-23	11	10	51	.1	6
DAV-24	10	8	48	.1	15
DAV-25	12	13	75	.2	13
DAV-26	11	5	46	.1	7
DAV-27	12	13	55	.1	6
DAV-28	15	13	76	.2	2
DAV-29	30	13	46	.7	107
DAV-30	16	15	61	.1	7
DAV-31	9	14	39	.1	5
DAV-32	12	11	45	.1	7
DAV-33	11	9	41	.1	7
DAV-34	12	13	49	.3	5
DAV-35	13	8	45	.1	11
DAV-36	16	12	48	.1	13
STD C	58	38	129	7.4	39

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
DAV-37	19	15	55	.3	13
DAV-38	26	11	63	.2	70
DAV-39	18	18	62	.1	19
DAV-40	14	21	75	.1	16
DAV-41	15	22	81	.1	27
DAV-42	8	14	44	.1	8
DAV-43	9	14	41	.3	5
DAV-44	43	12	141	.2	75
DAV-45	9	19	42	.2	7
DAV-46	10	11	44	.1	7
DAV-47	9	11	45	.1	4
DAV-48	10	17	50	.2	9
DAV-49	12	18	46	.1	11
DAV-50	13	17	62	.5	3
DAV-51	10	12	50	.1	8
DAV-52	10	15	57	.2	16
DAV-53	8	8	45	.1	5
DAV-54	11	15	52	.3	7
DAV-55	12	17	68	.3	6
DAV-56	12	8	56	.1	7
DAV-57	16	13	85	.3	18
DAV-58	8	10	43	.1	2
DAV-59	13	10	64	.3	9
DAV-60	15	19	63	.4	30
DAV-61	8	19	51	.1	14
DAV-62	18	18	66	.4	32
DAV-63	8	13	48	.1	2
DAV-64	10	11	40	.3	7
DAV-65	16	14	92	.4	10
DAV-66	10	14	47	.2	4
DAV-67	7	9	32	.1	2
DAV-68	27	15	102	.5	21
DAV-69	8	19	39	.1	6
DAV-70	21	23	128	.3	17
DAV-71	7	9	36	.1	2
DAV-72	12	10	48	.1	6
STD C	60	42	131	7.7	41

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
DAV-73	8	15	63	.1	6
DAV-74	10	6	54	.1	2
DAV-77	10	6	41	.1	2
DAV-78	12	10	60	.1	2
DAV-79	10	9	61	.1	5
DAV-80	7	7	41	.1	2
DAV-651	28	11	89	.1	28
DAV-661	15	8	85	.2	14
STD C	61	37	132	7.4	37



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)

Zn in PPM

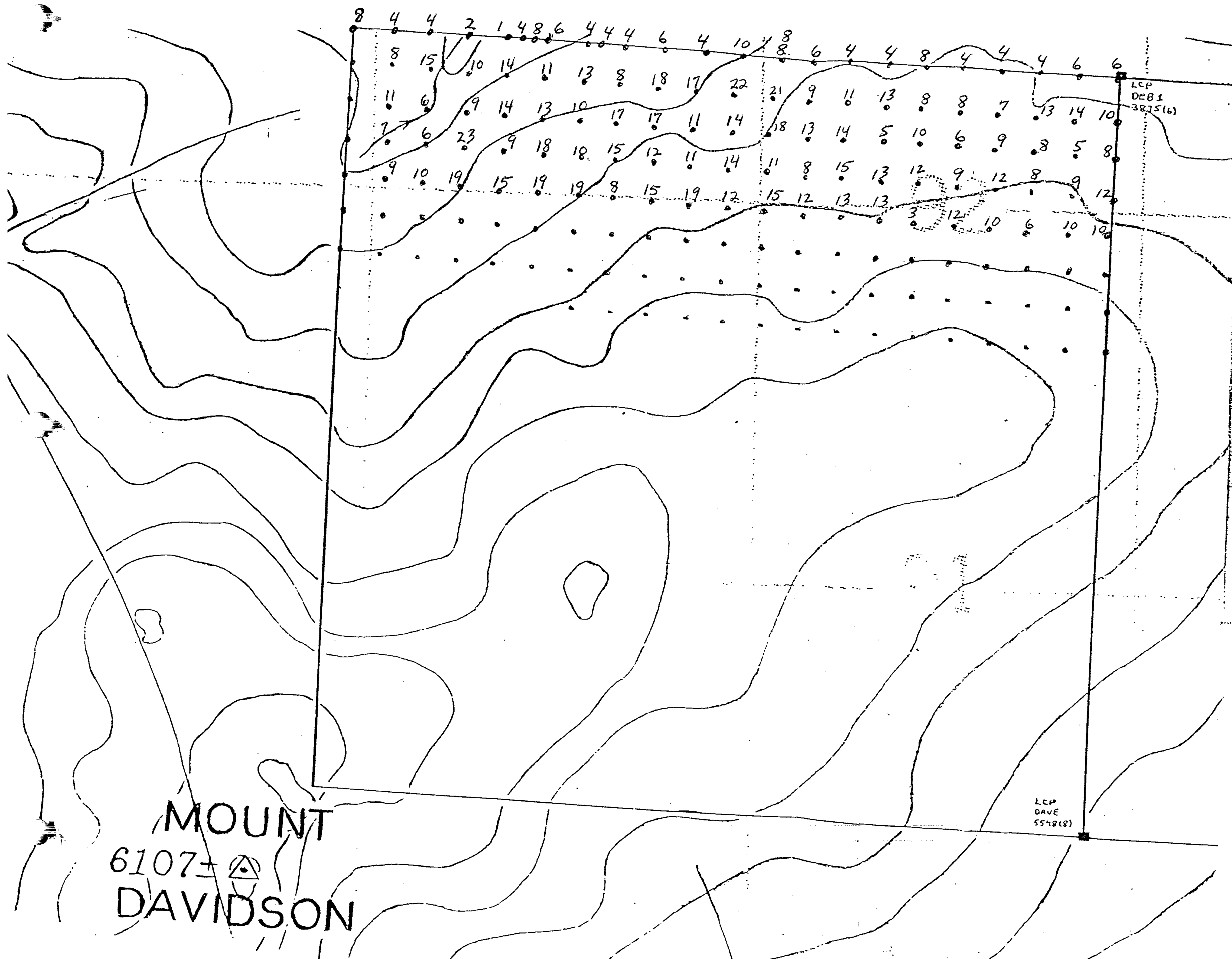
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DAVE CLAIM
 (Mt. Davidson Area)

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,533

**MOUNT
 6107
 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)

Pb in PPM

Metres

DAVE CLAIM
 (Mt. Davidson Area)

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,533

MOUNT
 6107
 DAVIDSON

LCP
 DAVE
 5548(8)

LCP
 DEB1
 3875(b)

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)

Ag IN PPM

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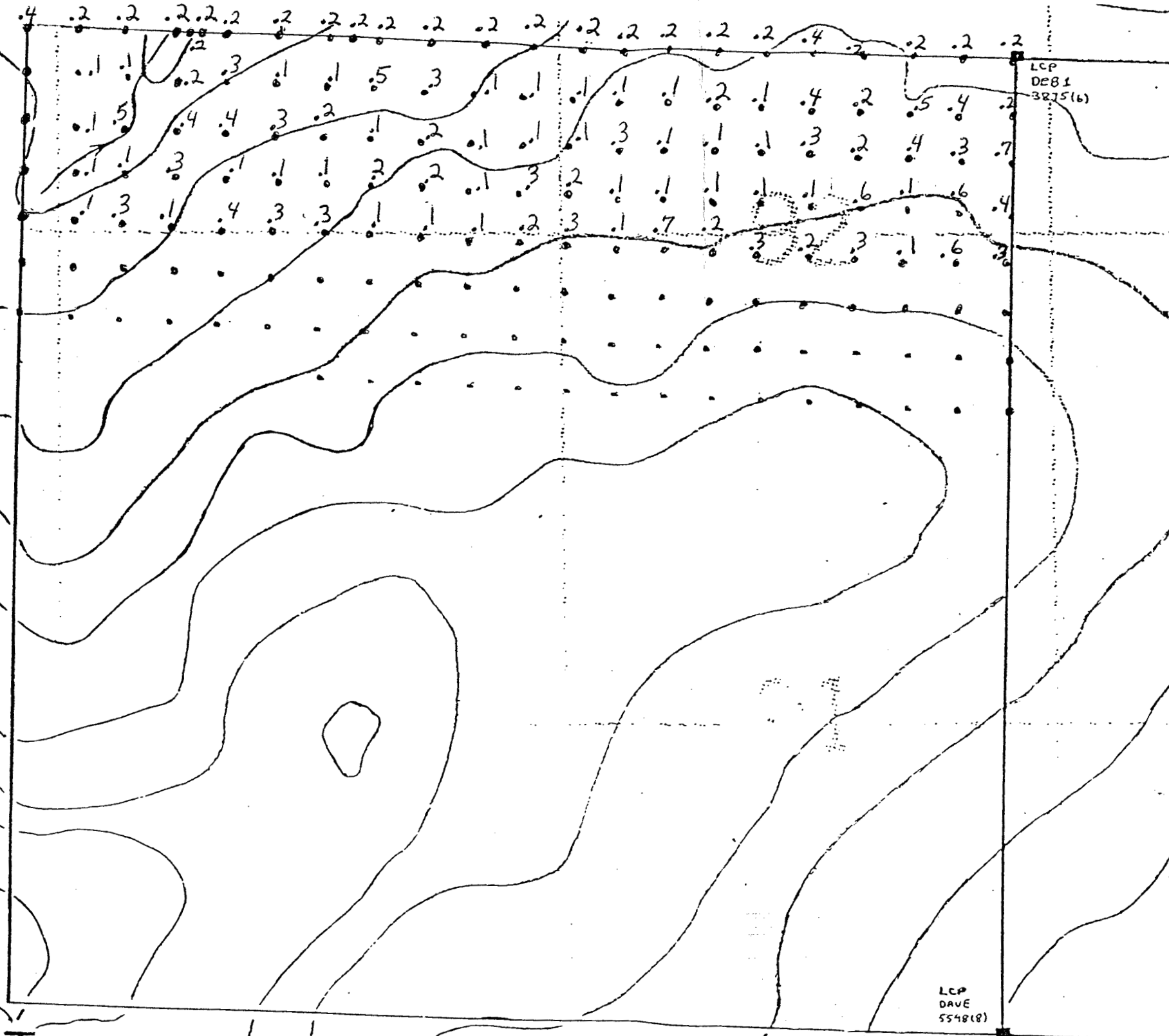
Metres

DAVE CLAIM

(Mt. Davidson Area)

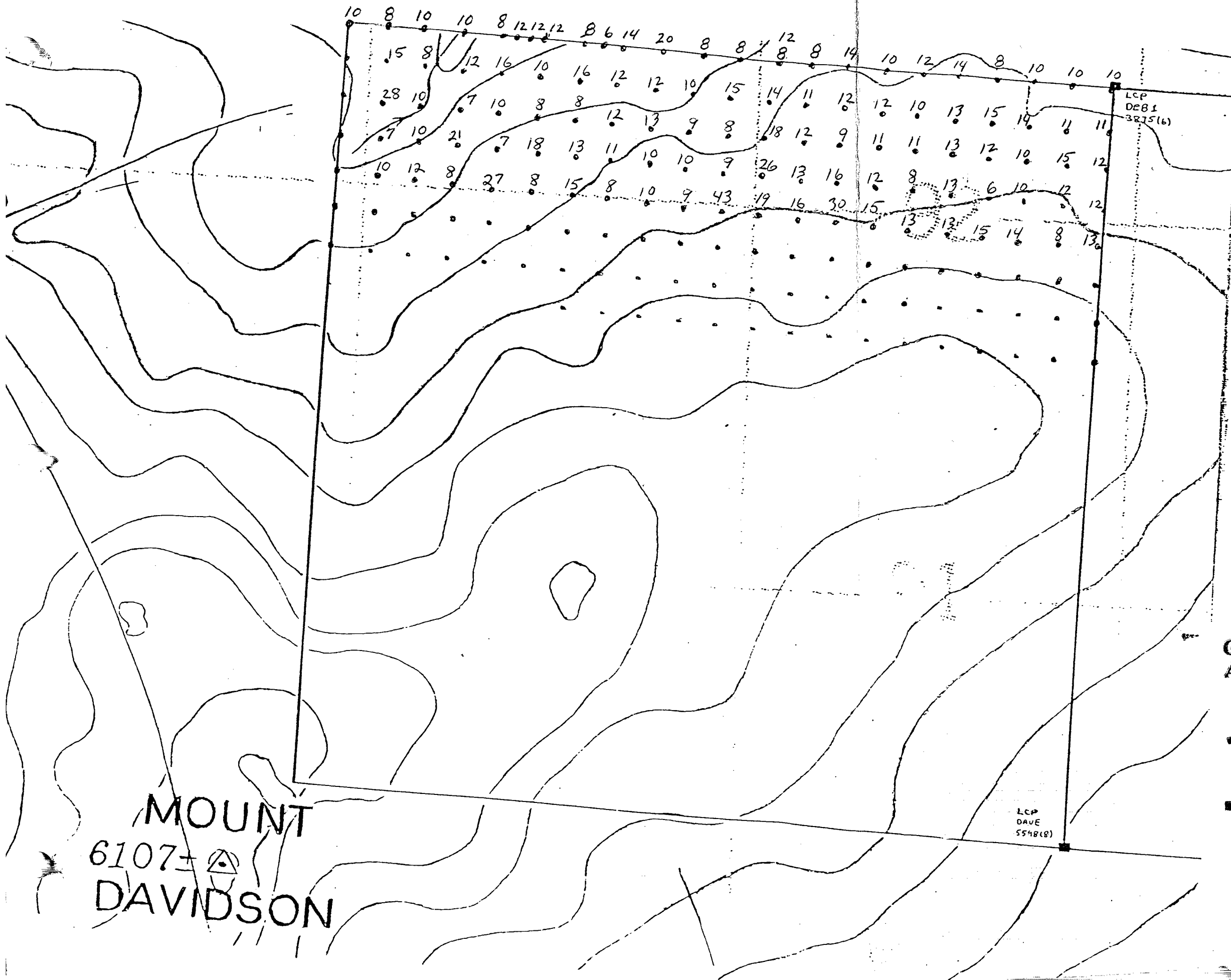
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,533



MOUNT
6107 ±
DAVIDSON

LCP
DAVE
5548(8)



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)

Cu in PPM

0 100 200 300 400 500 600
 Metres

DAVE CLAIM
 (Mt. Davidson Area)

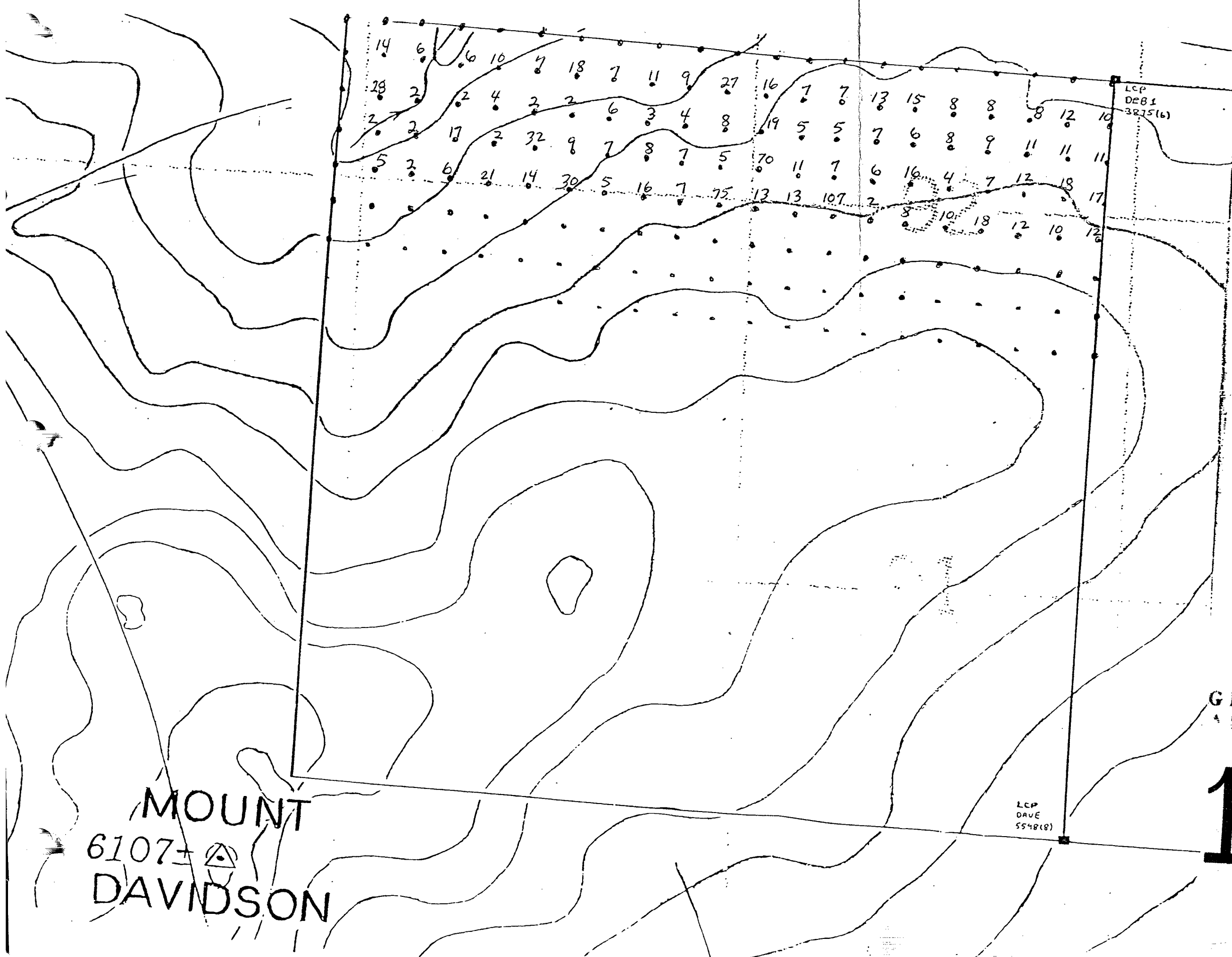
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,533

MOUNT
 6107-
 DAVIDSON

LCP
 DAVE
 5548(8)

LCP
 DEB1
 3275(6)



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)

AS in PPM

0 100 200 300 400 500 600
 Metres

DAVE CLAIM
 (Mt. Davidson Area)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

MOUNT
 6107
 DAVIDSON

16,533

LEP
 DAVE
 5598(8)

LEP
 DEB1
 3275(6)