

PROSPECTING REPORT OF  
BURR #1 TO #4 MINERAL CLAIMS

1974 - 1975

The Burr #1 to #4 Mineral Claims are recorded on mineral claim map 82 4/8 a(4), and are covered by airphotos BB 1264-1944231. The South boundary is at approx. 113°23' Long. 49°29' Lat. The center common post is approx. 1500' S. of Burrell Cr. The Burr claims are about 39 miles due W. of Grand Forks, by way of the E. Fork road, and the new and rebuilding of old logging roads by rope and Talbot in conjunction with the Forestry Dept., the right of way passes within 125' of the center common post of the claims. The claims lie between 2500' to 3000' elevation.

The Burr #1 to #4 claims cover the former Van #1 to #4 claims staked in May 1970, which in turn were staked as the Van Dam #1 to #4 claims in June 1972. The Burr claims were staked on June 21/74, and recorded in Grand Forks on July 5/74.

The vegetation is mostly dense, except the N.W. portion where there are mountain meadows and W. of the lineament passing on the S. side of the muskeg on Burr #2 to Burrell Cr. where an old forest fire did not reach, the rest, except for small outcrops is mostly small scrub Hemlock, Cedar, Rag Alder and Larch, much of which has been pressed down by heavy snows. The slopes are moderate, becoming steeper to the S.

The area is covered by GSC Map 6 1957, Kettle River, B.C. Sheet 82 a. (East Half) One inch to Four Miles

This map shows the rock formation to be Nelson Intrusives on the N. and Valhalla Intrusives on the S., both of Mesozoic age, on the Burr claims. The contact closely paralleling the location line.

No pegmatites where seen, there are a few small unmineralized apalite dykes, there are anumber of small to moderate size, ( 10' and less )wide Pulaskite dykes, they are usually slightly radioactive, from  $\frac{1}{2}$  to 3 times background, but it would seem to be caused by potassium  $K_2O$ .

#### Discription of Mineralized Showings

The geochem information is for reference only, and not included for assessment work.

The bulldozed trench was put in sometime Feb. 1971, the overburden is up to 7' deep on the E. - W. portion of the trench, definitive bed rock was exposed in 3 places. The N. - S. part at the E. end is well exposed except for 10' in the southern half, the mineralization consists of Pyrite, Sphalerite, Chalcopryrite. The copper and zinc appear to be zoned. The host rock is a light to heavy altered Porphyritic Granite, and is in parts heavily sericitic, most of the samples give off an effervescence when tested with HCl along fractures and around the feldspars. The mineralized zone is highly fractured, the strike and dip can not be definitely determined, but suggests a N.westerly strike, with a possible N.S. dip.

The unmineralized G.P. and G.D. contain more magnetite then has been found in the zone of mineralization. A small amount of py and sphalerite was found on the E. edge of an outcrop 100' S. of the E. end of the trench, and 50' E. of a pit at the edge of the road that carries cu. & zn., also 50' W. of this pit, there is up to 5% py. with very minor spy.

There is good rock exposure in the creek bed at the E. corner of 3 claims, the G.P. carries from 1% to 5% py. but no other minerals where found.

Alt sample 114 only showed Lead as being above avg., there is no outcrop at all in the vicinity of sample 66 which went 140 ppm in Lead. Sample 5 which went the highest in cu. 53 ppm, outside of the trench, the situation

irregular, investigation of all the other soil samples of interest failed to pick up any mineralization of value exposed, in the surrounding area of where the sample was taken.

The road crew uncovered a 6" wide quartz vein 3' long a few hundred ft. N. of the claims a few days before I left the area, it carried  $\text{Cpy. 1.10.}$  and was in a sheared  $\text{G.S.}$ , the strike was  $\text{N}70^{\circ}\text{E}$  and the dip  $30^{\circ}\text{SW}$ .

The  $\text{G.S.}$  in general has fractures lined with epichlorite and chlorite. No gold was found in quite a number of soil and mineralized samples examined.

Date of this report July 1, 1975

I have taken the  $\text{D.S.}$   $\text{Dept. of Mines and Petroleum Res. test}$  at Grand Forks,  $\text{B.C.}$  on May 23, 1975.

Walter A. Bullock

STATEMENT OF EXPENSES

BUREAU #1 To #4 MINERAL CLAIMS

FOR ASSESSMENT PURPOSES

FOOD	1974	1975	
27.82			
7.97		\$ 35.79	
<b>TRANSPORTATION</b>			
2 Trips @ \$50	\$100.00		One Man @ 1/2 Ton Pickup
1 Trip @ \$50		\$50.00	One Man @ 1/2 Ton Pickup
<b>PROFESSING</b>			
6 Days x \$35	\$210.00		June 22-27/74 myself
6 Days x \$35		\$210.00	June 17-22/75 myself
<b>CLEANING</b>			
<b>BENCH</b>			
2 Days x \$35	\$ 70.00		June 28/29/74 myself
2 Days x \$35		\$ 70.00	June 7/8/75 myself
<b>DIAMOND</b>			
<b>DRILLING</b>			
3 Days x \$35		\$280.00	June 9/16/75 myself
Rental on Water Pump			
& 690' 1" Plastic Hose		\$ 75.00	June 3/22/75 TRAINING DIAMOND DRILLING Co.
Total Cost of Pump & Hose Fittings & Oil		\$ 31.44	hardware stores in Grand Forks
Logging & Splitting Core			
1 Day x \$35		\$ 35.00	myself
Preparing Report			
1 Day x \$35		\$ 35.00	myself
Total For Year	\$280.00	\$822.23	
TOTAL		\$1102.23	

some receipts lost or not received  
not included in above July 4, 1975

Walter A. Buller











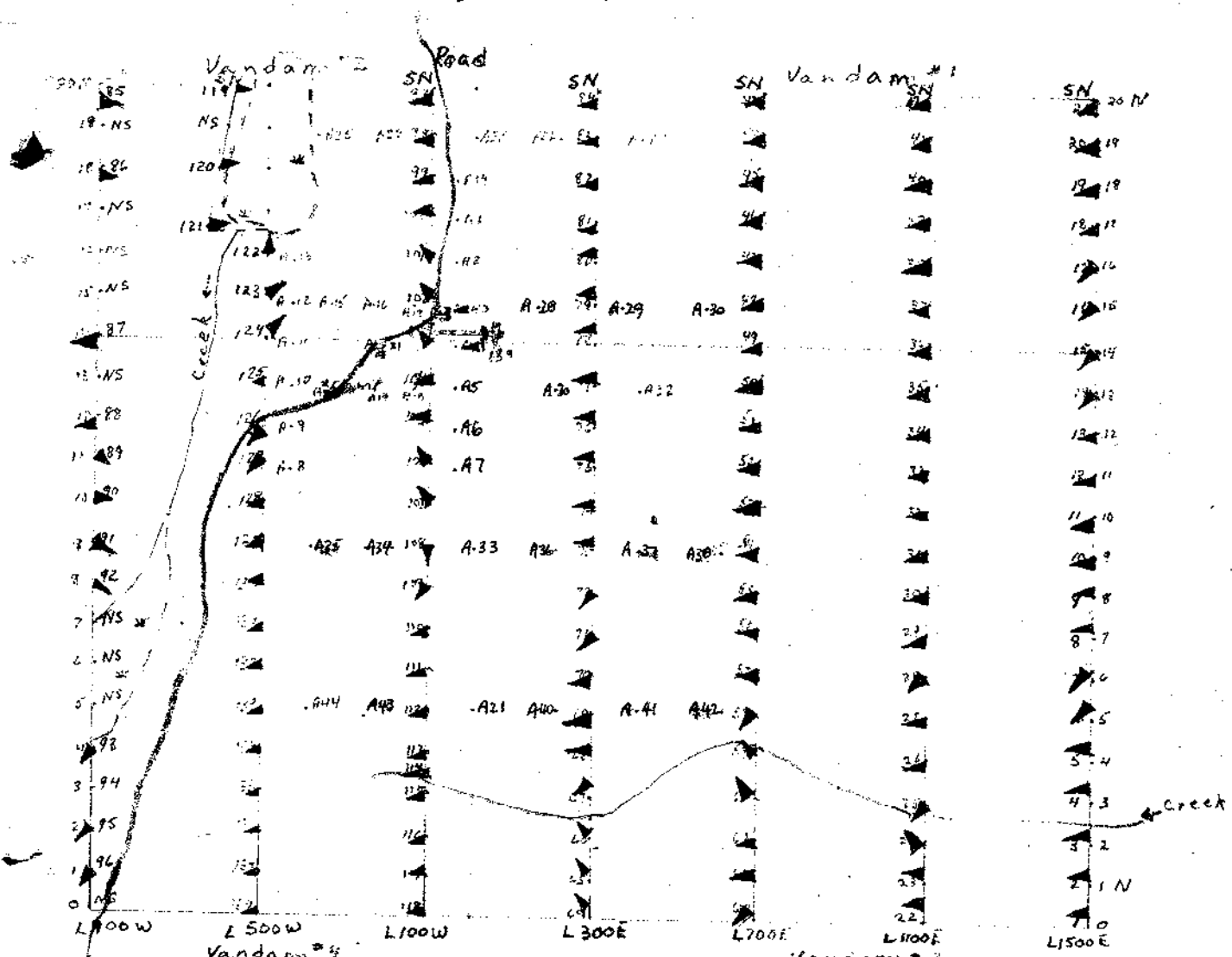
# DIAMOND DRILL HOLE RECORD

THE GRANBY MINING COMPANY LIMITED  
PHOENIX COPPER DIVISION, GRAND FORKS, B.C.

PROPERTY BURR #1 to #4

DIP TESTS			LEVEL		LAT.	HOLE No. <u>5</u>
FOOTAGE	ANGLE		LOCATION <u>BURR #1 to #4 Claims</u>		DEP.	SHEET No. <u>1</u>
	RECORDED	CORRECTED	ELEVATION		BEARING <u>Vertical</u>	LOGGED BY <u>W.A.B.</u>
			FINISHED		LENGTH <u>1' 2"</u>	TOTAL RECOV. <u>100 %</u>

FOOTAGE		ROCK TYPE	MINERALIZATION	DESCRIPTION	CORE ASSAYS						SLUDGE ASSAYS					RECOVERY		RECOVERY	
FROM	TO				SAMPLE No.	FROM	TO	% CU.	OZ. AU.	OZ. AG.	AVERAGE	SAMPLE No.	FROM	TO	% CU.	OZ. AU.	OZ. AG.	RUN	SHORT
0	1' 2"		<u>Py. Cpy. Sph</u>	<u>Med. Grain Gr. Porph. Found to be a large flat Boulder End of Hole</u>															
				<u>Total Footage Drilled on BURR #1 Claim</u>															
				<u>Hole #1 3' 7"</u>															
				<u>" #2 6' 4"</u>															
				<u>" #3 11' 10"</u>															
				<u>" #4 6' 2"</u>															
				<u>" #5 1' 2"</u>															
				<u>29' 1"</u>															
				<u>Drill used was a Packsack XRD Diamond Drill cutting a 1 1/4" Hole Recovering 7/8" core</u>															
				<u>This is my 23rd year prospecting in Ont. Man. Sask. &amp; B.C., on my own and for a number of Mining &amp; Oil Companies</u>															
				<u>I have taken the B.C. Dept. of Mines and Petroleum Res. Test at Grand Forks B.C. on May 13, 1975</u>															
																<u>Walter A. Butler</u>			



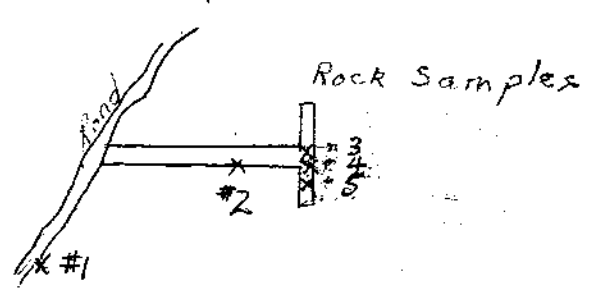
Scale 1 inch = 400ft.

Project # 6017 A-1-44 Sid Sampling

VANDAM #1-#4 CLAIMS MAP # 82 E / 8 W (M)

NS - No Sample SN - Sample Number

- Muckee
- Road
- ~ Creek
- Showings
- ⊠ Trench & Pit





Scale 1" = 400'

- 1 0-99
- 2 100-199
- 3 200-499
- 4 500-999
- 5 1000-2499
- 6 2500- +

ZINC





1 0-9

2 10-14

3 15-19

4 20-24

5 25-29

6 30-39

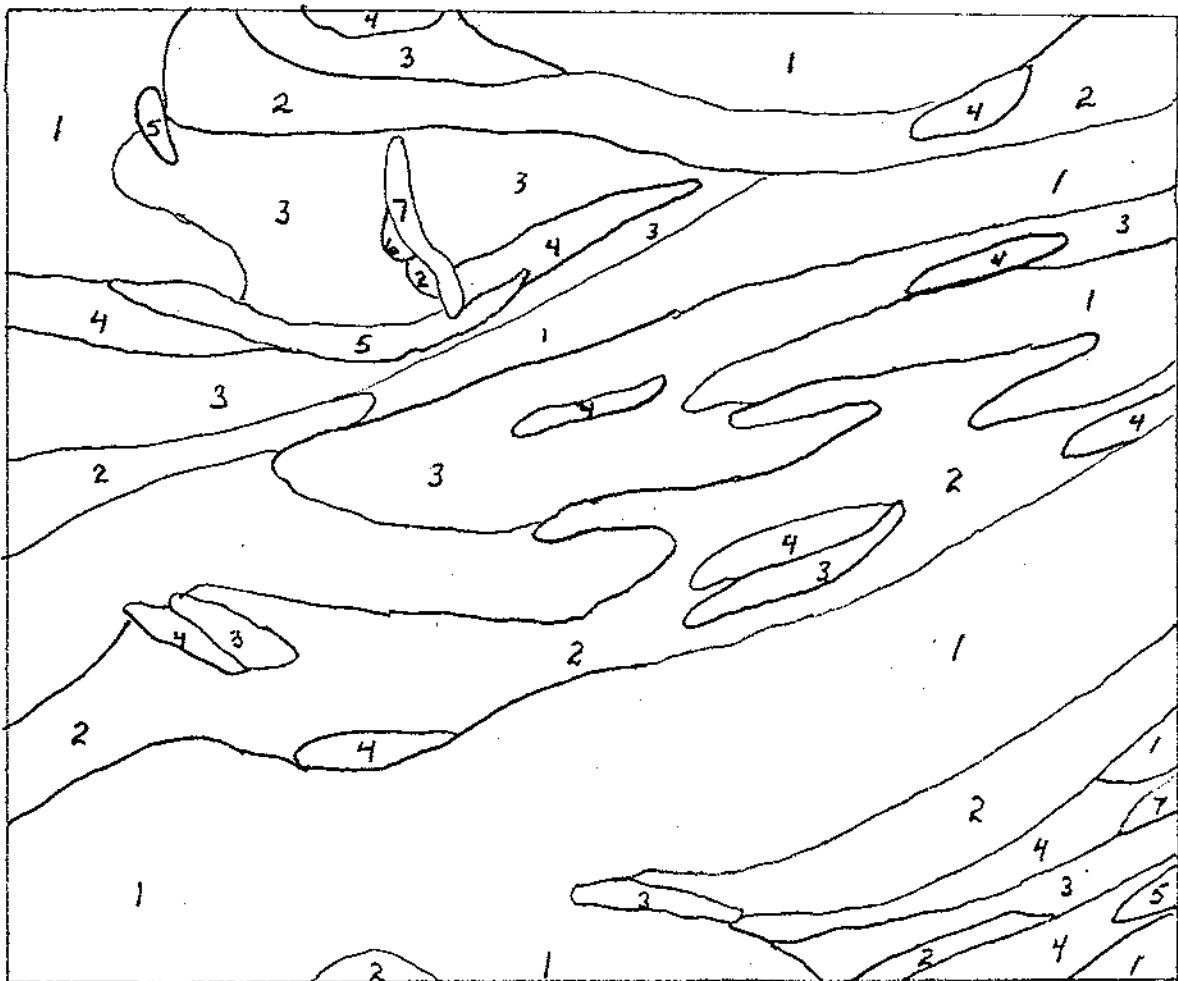
7 40+

x Mo - 6 P.P.M.

Copper

Scale 1" = 400'





Scale 1" = 400'

1 0 - 4

2 .5

3 .6

4 .7

5 .8

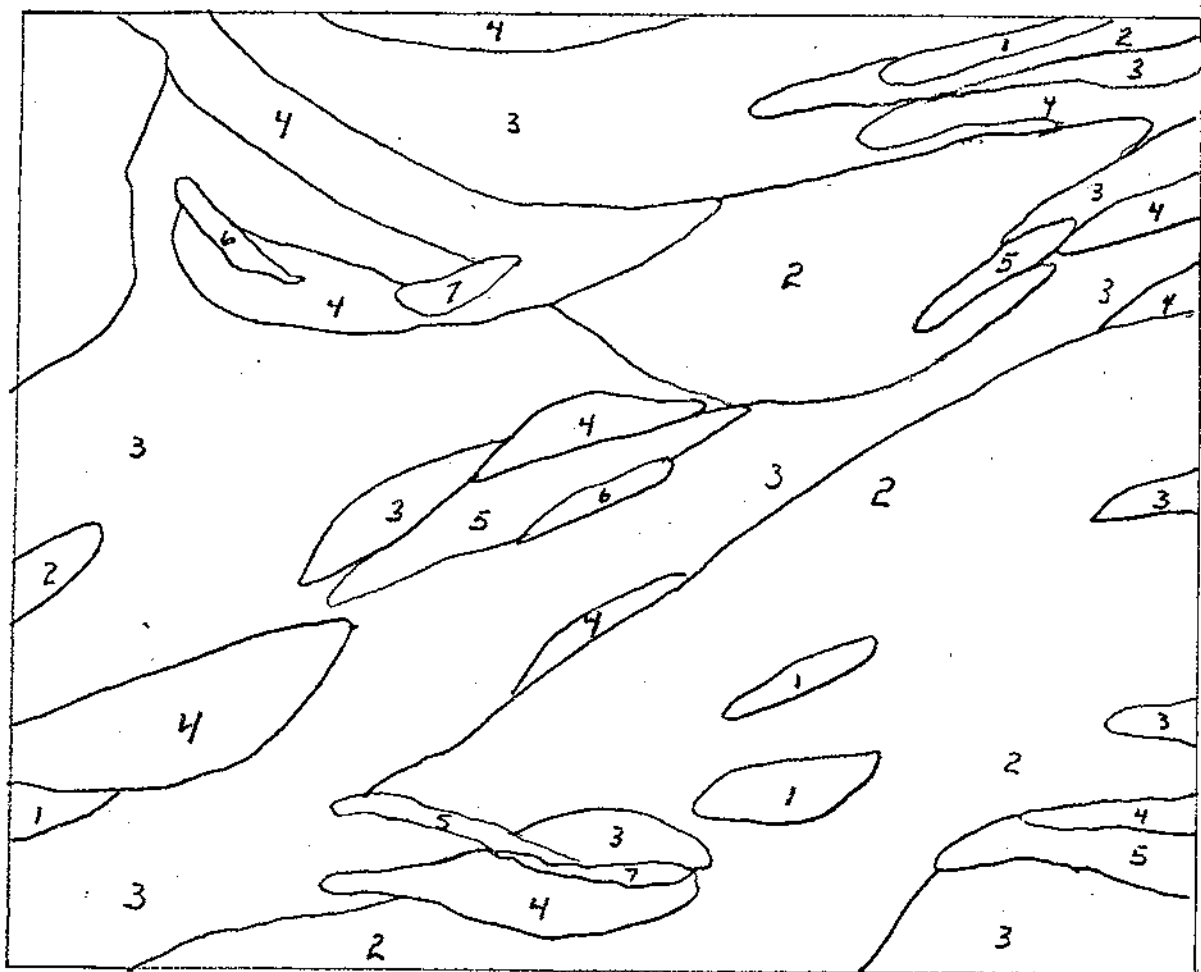
6 .9

7 1.0+

Silver

N





- 1 0-9
- 2 10-14
- 3 15-19
- 4 20-24
- 5 25-29
- 6 30-39
- 7 40+

Lead

Scale 1" = 400'



NY 500A

## GEOCHEMICAL LABORATORY REPORT

Laboratory Report No. L-24273Analysis Requested by W. BullerType of Extraction 3:1 HNO<sub>3</sub>:HClMethod of Analysis Atomic AbsorptionAnalyst C.J. CollyerDate May 16/73

Remarks: \_\_\_\_\_

SAMPLE NO.	ppm METAL			SAMPLE NO.	ppm METAL	
	Cu	Pb	Zn		Ag	Mo
6017 - 1	17	16	65		0.4	1
2	20	18	75		0.4	
3	23	25	244		0.8	1
4	22	21	140		0.6	
5	58	13	34		1.0	6
6	21	17	102		0.3	
7	9	11	55		0.5	3
8	10	14	64		0.5	
9	10	13	75		0.4	2
10	10	13	85		0.3	
11	12	15	75		0.4	1
12	13	14	81		0.4	
13	12	13	73		0.7	1
14	11	14	79		0.3	
15	8	22	118		0.2	1
16	14	15	111		0.3	
17	12	23	154		0.6	1
18	12	16	86		0.2	
19	12	20	116		0.2	0
20	9	15	117		0.5	
21	10	14	74		0.5	1
22	29	16	70		0.7	
23	16	16	82		0.5	1
24	16	15	65		0.7	
25	19	27	44		0.5	2
26	16	10	46		0.5	
27	10	11	54		0.3	0

Laboratory Report No. L-24273 (continued....)

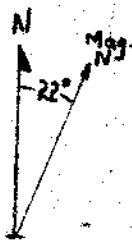
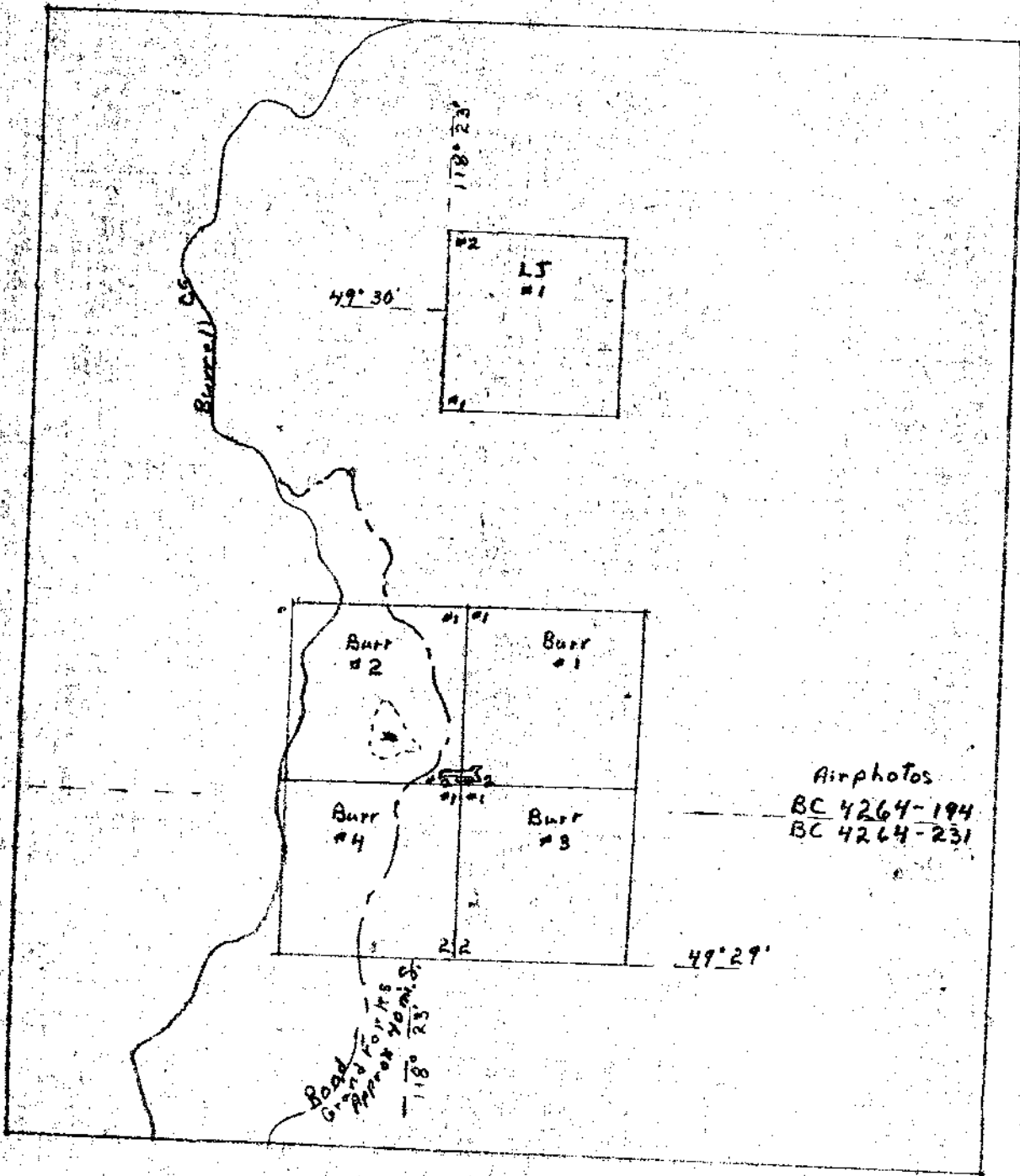
SAMPLE NO.	ppm METAL			SAMPLE NO.	ppm METAL	
	Cu	Pb	Zn		Ag	Mn
29	10	10	90		0.3	1
30	13	13	100		0.3	
31	13	14	107		0.3	0
32	10	11	86		0.5	
33	11	14	74		0.5	1
34	9	12	112		0.4	
35	12	18	140		0.5	1
36	8	10	99		0.3	
37	9	29	193		0.7	0
38	11	14	234		0.2	
39	9	10	111		0.3	1
40	12	20	150		0.7	
41	11	7	86		0.1	1
42	13	15	107		0.4	
43	12	16	102		0.4	1
44	12	16	97		0.4	
45	10	11	94		0.3	0
46	14	17	660		0.5	
47	11	13	200		0.3	1
48	17	13	115		0.3	
49	16	14	200		0.6	2
50	12	12	127		0.4	
51	13	12	72		0.5	1
52	13	15	104		0.6	
53	13	17	91		0.5	1
54	15	13	72		0.7	
55	13	12	69		0.6	1
56	18	13	79		0.4	
57	12	9	64		0.4	1
58	17	10	44		0.4	
59	9	4	35		0.1	1
60	6	6	35		0.1	
61	15	14	85		0.5	1
62	13	14	62		0.7	
63	11	10	60		0.3	0
64	11	13	90		0.3	
65	20	20	100		0.4	1
66	10	140	230		0.6	



Laboratory Report No. L-24273 (continued....)

SAMPLE NO.	ppm METAL			SAMPLE NO.	ppm METAL		
	Cu	Pb	Zn		Ag	Hg	
67	16	15	127		0.3	1	
68	10	13	170		0.3		
69	11	10	158		0.4	1	
70	14	13	98		0.3		
71	13	24	178		0.5	1	
72	10	19	110		0.4		
73	9	15	121		0.4	1	
74	10	35	170		0.5		
75	17	25	175		0.6	2	
76	23	22	255		0.7		
77	18	19	480		0.6	1	
78	10	14	900		0.4		
79	20	20	1,040		0.6	1	
80	25	22	1200		0.7		
81	20	16	750		0.6	2	
82	14	19	139		0.5		
83	11	15	113		0.4	0	
84	14	20	112		0.4		
85	14	12	145		0.4	1	
86	11	13	124		0.4		
87	12	13	60		0.7	2	
88	13	12	31		0.6		
89	17	18	75		0.6	0	
90	14	15	90		0.5		
91	15	16	71		0.5	1	
92	16	12	116		0.3		
93	22	20	156		0.5	3	
94	7	7	154		0.1		
95	21	16	104		0.3	1	
96	13	15	92		0.1		
97	18	22	110		0.7	2	
98	35	17	138		0.6		
99	12	19	207		0.5	2	
100	69	23	≈3800		1.1		
101	72	20	≈3400		1.0	1	
102	30	19	920		0.9		
103	10	20	550		0.6	1	
104	27	15	570		0.8		

SAMPLE NO.	ppm METAL			SAMPLE NO.	ppm METAL		
	Zn	Pb	Zn		Ag	Hg	
107-105	16	15	420		0.4	0	
106	19	16	410		0.6		
107	21	14	180		0.6	1	
108	31	27	240		0.3		
109	23	17	190		0.4	1	
110	18	17	156		0.5		
111	17	18	146		0.5	1	
112	34	19	360		0.7		
113	9	14	118		0.2	3	
114	15	26	86	Stream Sample	0.3	3	
115	7	16	138		0.3	1	
116	14	20	125		0.4		
117	12	12	144		0.2	1	
118	11	14	168		0.5		
119	9	23	230		0.3	0	
120	9	14	420		0.8		
121	11	19	860		0.6	1	
122	4	33	300		0.6		
123	14	35	250		0.4	1	
124	15	20	88		0.8		
125	14	15	196		0.7	2	
126	17	18	93		0.6		
127	15	19	120		0.5	1	
128	19	19	145		0.4		
129	24	17	95		0.4	3	
130	16	17	97		0.6		
131	26	18	159		0.7	1	
132	16	22	112		0.5		
133	19	20	86		0.4	1	
134	20	24	230		0.4		
135	17	15	103		0.3	2	
136	16	18	91		0.2		
137	10	17	130		0.3	3	
138	8	13	83		0.1		
139	407	118	~2,950		3.6	6	
140	101	17	~3,100		0.5		



Scale 1" = 1320'

Index Map

NO.

5514

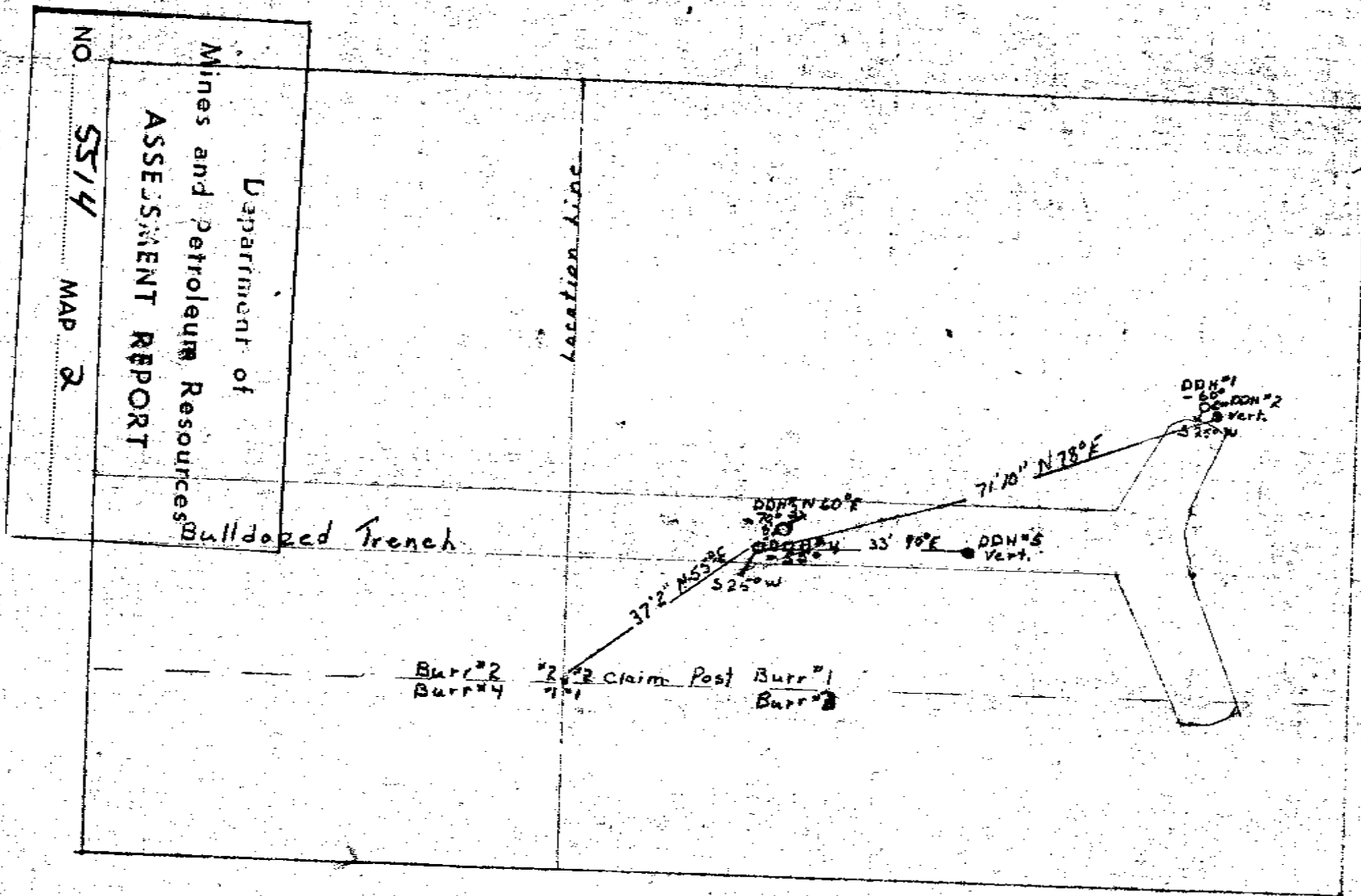
MAP

5514

MAP 1

W.A.B.

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 5514 MAP 1



5514  
MAP 2

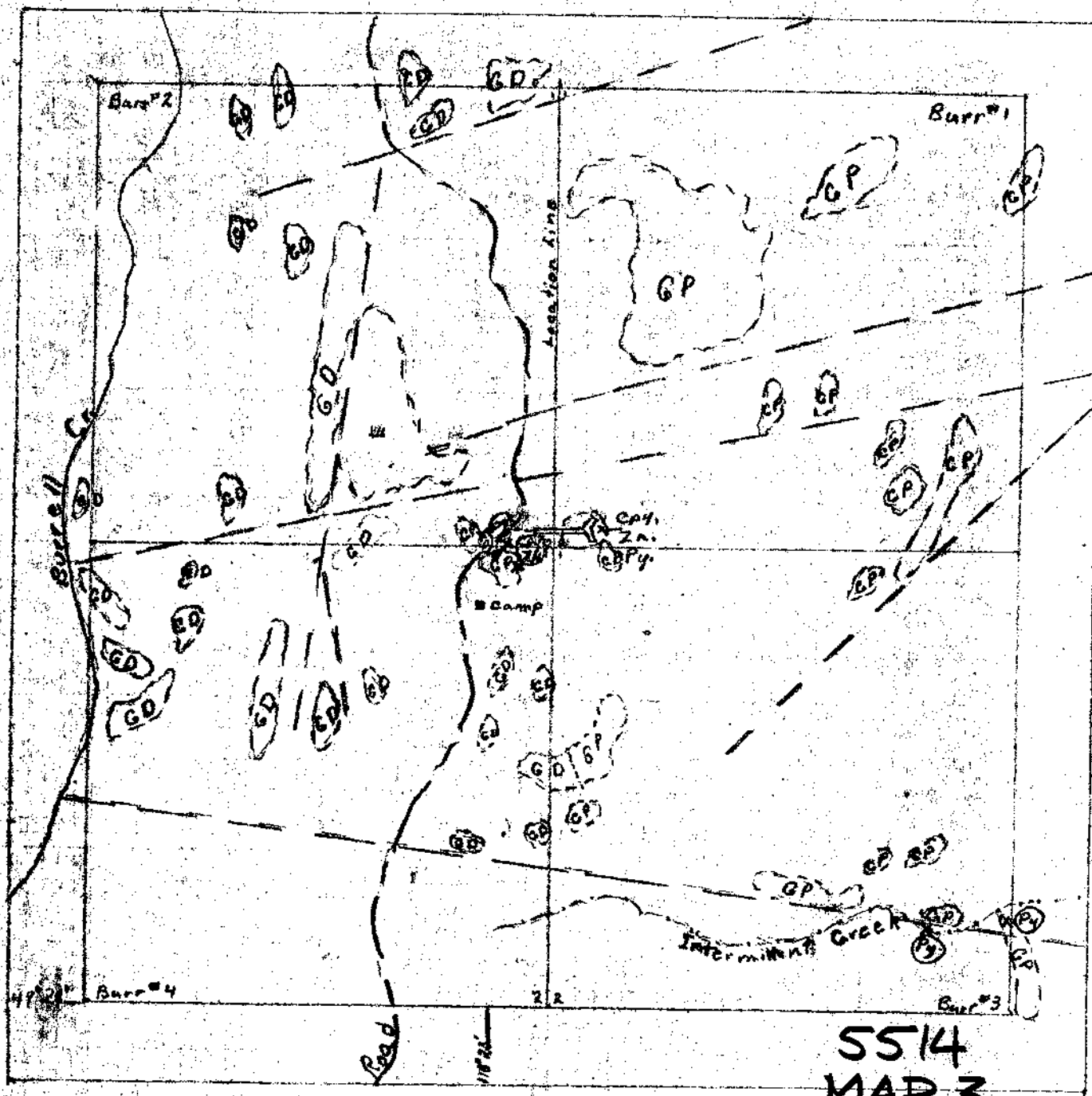
Scale 1" = 25'

Mineral Claim Map B2 E/B W(M)  
Airphotos  
BC 4264-194-231

Diamond Drill Holes  
#1 to #5 Location  
Elev. 2600' Approx.

Core Size 7/8 in.  
Core Stored at Mr. A. Semment  
Trailer 2 mi. N of Grand Forks  
E. side Grandby River

W.A.B.



**5514  
MAP 3**

Scale 1" = 500'

Burr #1 - #4 C10

Mineral Claim Map  
B2 E/B W (M)

Airphotos  
BC 4264-194+231  
Elev. 2500' to 3000'



- CPy - Chalcopyrite
- Zn - Sphalerite
- Py - Iron Pyrite
- GD - Granodiorite
- GP - Granite Porphyry

- ⊖ Muskeg
- ⊔ Trench
- Pit
- Linearments
- ⊖ GP ⊖ GD Outercrop Areas

W.A.B