

PROSPECTING REPORT

MINERAL CLAIM

1974 ---- 1975

The 133¹/₂ acre mineral claim is recorded on Mineral Claim Map 82 4/8 1.(A) and is covered by airphoto I.S. 4264 - 221. The initial post is at approx. 113° 23' Long. 49° 29' Lat. And is approx 1200' E. of Surrell Cr., and 3500' N. of St. Annes Cr. The claim is about 30¹/₂ miles due N. of Grand Forks, by way of the N. Fork road, and the new and rebuilding of old logging roads by Pope & Falbot in conjunction with the Forestry Dept. The claim lies between 2450' to 2550' elevation.

There is no indication that this ground has been previously staked or recorded. And no old or recent signs of prospecting was found, although an old forest fire and a recent one in 1973, which covers 90% of the claim, may have destroyed any such signs.

The vegetation now is mostly burnt Jackpine, most of which is still standing, and grass. Rock outcrops are confined to the N.W. portion of the claim, where they have been exposed by the most recent forest fire.

This area is covered by G.S. Map 6 1957, Kettle River, S.D. Sheet 82 2 (East Half) One inch to Four Miles.

This Map shows the rock formation to be of the Anarchist Group of Paleozoic age, contacted by Nelson Intrusives of Mesozoic age on the E. In the 133¹/₂ acre claim this contact runs diagonally in a N.W.-S.E. direction in the N.W. part of the claim.

The Anarchist rocks are mainly greenstone locally chloritic, impure limestone, greywacke and argillite. The Nelson Intrusives are diorite and granodiorite, with a few small apalite dykes. Both the Anarchist and Nelson formations have been intruded by pulaskite dykes, these are slightly radioactive,

to 3 times background, which is likely due to potassium & H₂O.

Gold was first found on June 10/74 in the dirt, and from crushed rock samples of a small quartz-calcite vein, that had been exposed on the new right of way being bulldozed by the road construction crew. It was lost for the time being and subsequently staked on July 15/74, and recorded in Grand Forks Aug. 2/74.

Description of Mineralized Showings

Showing #1-- A few quartz stringers 1' to 1' wide, in a greenstone pinch out to the N.W., to the S.W. they converge to form 2 parallel quartz-calcite veinlets 2" wide each, 4" apart which in turn become one vein 6" wide, with calcite making up 90% of the vein, this zone is exposed for 15'. Mineralization in the vein consists of chalcopyrite, bornite, silicite, and pyrite. Smeears of native copper are along joint and shear planes of the zone on the foot wall, dirt taken from this showing runs gold, as does the crushed and burnt vein material. No gold was found in crushed mineralized wall rock samples. The showing strikes approx. N 20° E and dips 35° S.W., it is terminated to the S.W. by a small fault, direction of movement unknown, this fault strikes 47° E and dips 70° S.W., no samples have been assayed, but values would appear to be erratic.

Showing #2-- Is 45' S.W. of #1 and was found by panning overburden looking for the faulted extension of #1 showing, the dirt pannings gave only minor amounts of gold, but tails up to 3" long of native silver were found, subsequent trenching uncovered a zone containing stringers of quartz, calcite, galena, sphalerite, pyrite and chalcopyrite, in calcareous limestone-greywacke formation. The strike and dips of these stringers are erratic, striking in a general N.W. direction as does the zone, dips of the stringers are from 10° to 70° S.W., the zone appears to average a 20° dip to the S. These stringers are

from 1" to 3" wide, one sample assayed for Au. & Ag. only, ran .052 Au. 3.42 Ag.

Showing #3--- This is a small area, 35' S.W. of #1, of frost heaved rock from in place or angular boulders moved from their place of origin, trenching failed to prove them in place. The rock type is the same as #2 showing, but only pyrite was found, gold was recovered in a few dirt pannings, but none from rock samples crushed.

There are a few minor cop. occurrences to the W. of the showings, as specks and a small shear in the greenstones, but no gold in any of the pannings.

There is scattered pyrite and pyrrhotite in the diorite close to the E. boundary of the claim beside the road, also in the greenstones 500' W. of the showings close to the argillites, but outside of the showings themselves nothing of value has up to date been found.

The Geochem sheet is for reference only, and not applied for as assessment work. There 8 soil sample was taken, it is boulder covered, one which is very similar to the porphyritic granite on the Burr claims to the E., although no zinc was found in this boulder, there may be some buried which may account for the high zinc result.

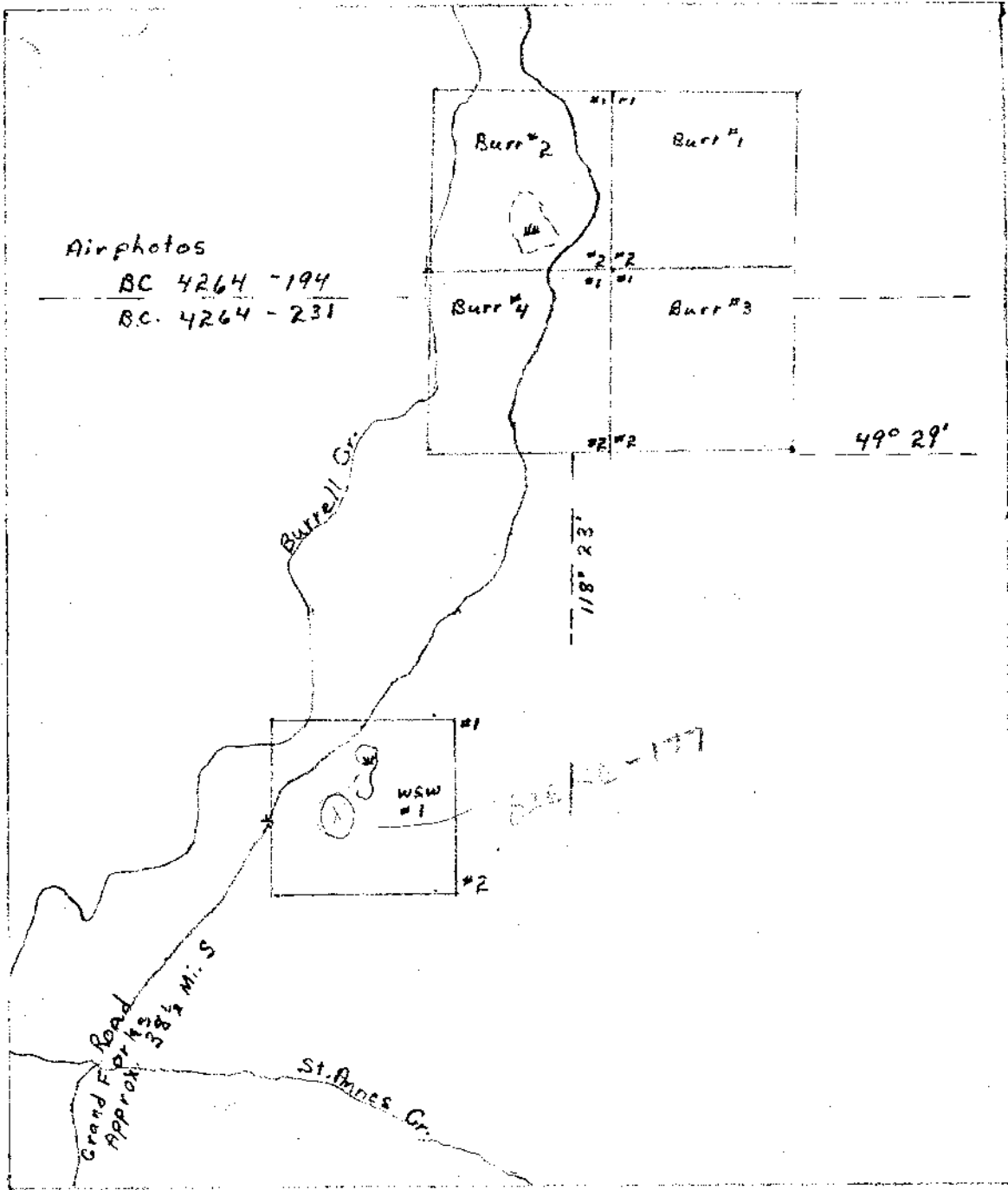
Date of this report, July, 8, 1975.

I have taken the U.S. Dept. of Mines and Petroleum Res. test at Grand Forks, N.D. on May, 13, 1975.

Statement of Expenses
 for the period ending
 30th September 1975

FOOD	1974	1975	
32h. 2h	32h. 3h		
16.20	16.20		
9.41	9.41		
14.41		14.41	
TRANSPORTATION			
2 Trips @ 50	100.00		One Man to h w/d 7. Ten pickup
1 Trip @ 50		50.00	One Man to h w/d 7. Ten pickup
HOUSING			
1 Day x 35	35.00		Myself July 19/22/75
2 Days x 35		70.00	Myself June 28/29/75
TRAVELING			
8 Days x 35	280.00		Myself June 28/30/75
RENTAL & UTILITIES			
5 Days x 35		175.00	Myself June 23/24/75
RENTAL ON CAR			
1 Day @ 50		50.00	Myself June 23/24/75
LOGGING & SHIPPING			
1 Day x 35		35.00	Myself
1 Day x 35		35.00	Myself
Total For Year	669.85	244.41	
	Total	914.26	

Some receipts lost or not received
 not included in above 10/10/75



Airphotos
 BC 4264 - 194
 BC 4264 - 231

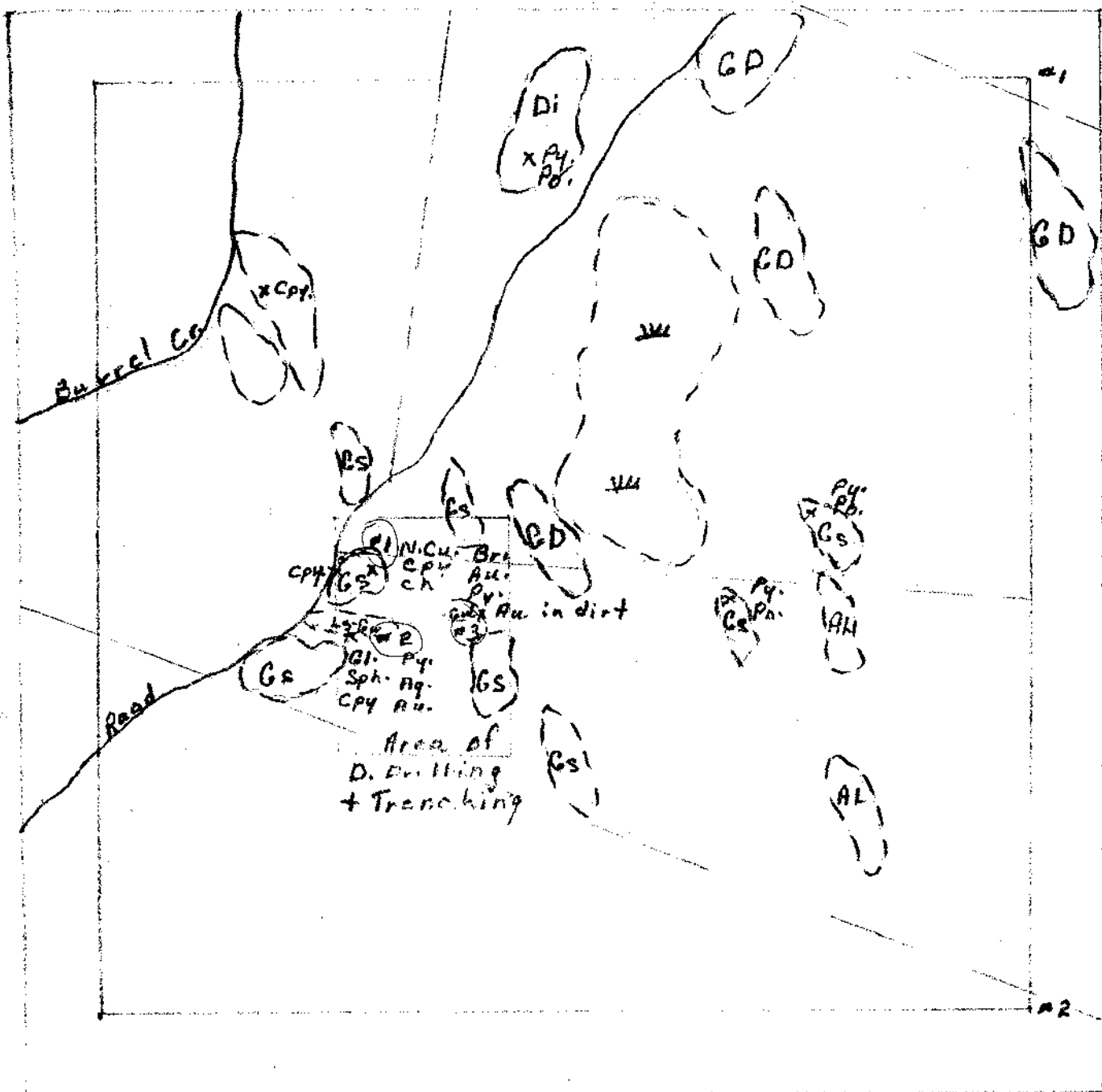
Scale 1" = 1320'



Index Map
 WSW #1

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5535 MAP 1

5535
 MAP 1



Scale 1" = 250'
1 : 3000

WSW¹ Claim

Mineral Claims Map
82 E/B W(M)

Airphoto
BC 4264-231

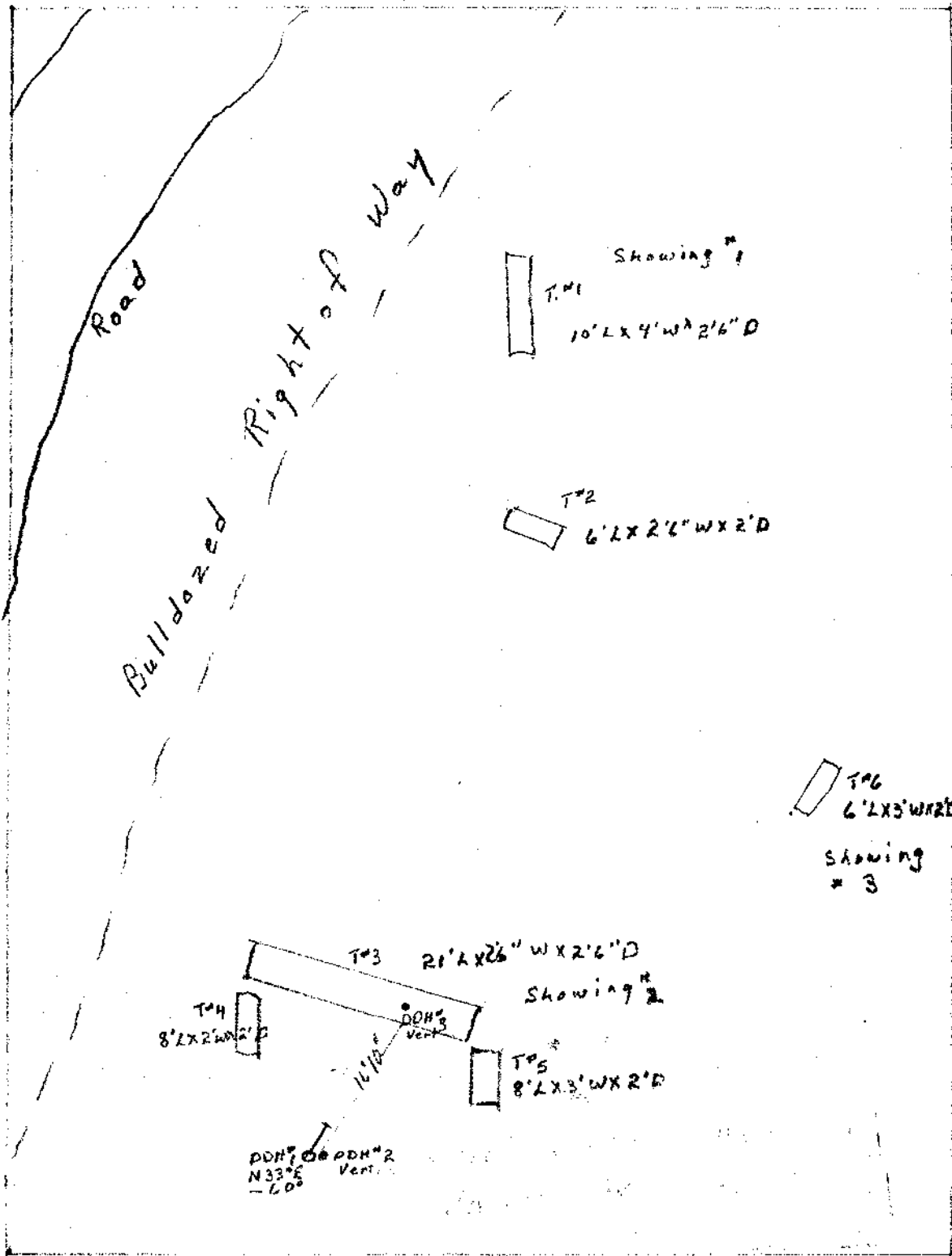
Elev. 2450' to 2550'

GD - Granodiorite
DI - Diorite
GS - Greenstone
Gw - Graywacke
LS - Limestone
AL - Argillite

N. Cu. - Native Copper
Ch. - Chalcocite
Br. - Bornite
CPY. - Chalcopyrite
Gl. - Galena
Sph. - Sphalerite
Py. - Pyrite (Iron)
PO. - Pyrrhotite

Au. - Gold
Ag. - Silver
⊗ Muskey
⊙ Outcrop Areas
- - - Lineaments

5535
MAP 2



Mineral Claim Map
 82 E/8 W(M)
 Airphoto BC 4264-231
 Trenches #1 To #6

Diamond Drill Holes Core Size
 #1 To #3 Location 7/8 in.
 Core Stored at Mr. A. Semmen's
 Trailer 2 miles N. of Grand Forks
 E. side Grandby River

5535
 MAP 3

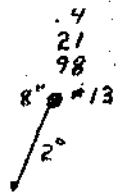
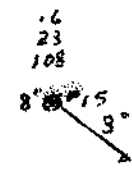
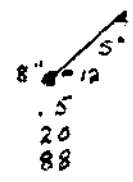
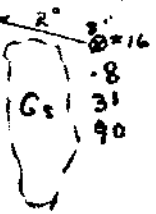
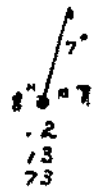
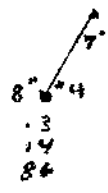
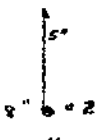
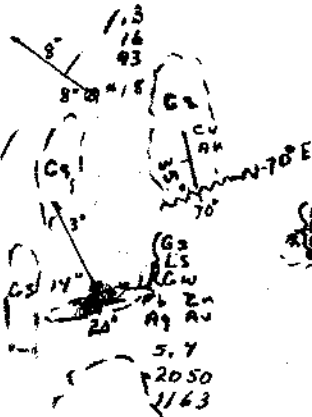
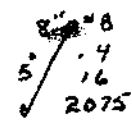
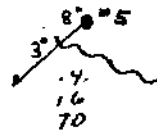
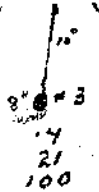
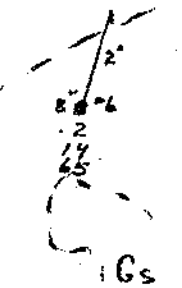
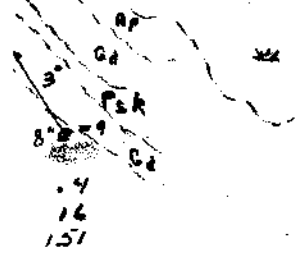
Scale
50' = 1"



Burrell Cr.
300' NW
of Showings

Road

Bulldozed
Right of Way



5535 MAP 4



Gs - Greenstone
Ap - Apatite
Psk - Pulaskite ?

Ls - Limestone
Gw - Greywacke
Gd - Grano-diorite

8" Depth of Sample
Degree of slope
10 - Sample No.
5" - Direction of Drainage

.5 Ag
20 Pb
88 Zn

DIAMOND DRILL HOLE RECORD

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

PROPERTY W.S.W.#1 MINERAL CLAIM

DIP TESTS			LEVEL		LAT.	HOLE No. 2
FOOTAGE	ANGLE		LOCATION W.S.W.#1 CLAIM		DEP.	SHEET No. I
	RECORDED	CORRECTED	ELEVATION		BEARING Vertical	LOGGED BY W.A.B.
			FINISHED June 26/75		LENGTH 13'3"	TOTAL RECOV. 95 %

FOOTAGE M TO	ROCK TYPE	MINERALIZATION	DESCRIPTION	CORE ASSAYS					SLUDGE ASSAYS					RECOVERY		RECOVERY			
				SAMPLE No.	FROM	TO	% CU.	OZ. AU.	OZ. AG.	AVERAGE	SAMPLE No.	FROM	TO	% CU.	OZ. AU.	OZ. AG.	RUN	SHORT	RUN
0' - 3'8"	Ls	Py.	Impure limestone, Discontinuous Pods and stringers of Calcite, Unmineralized Fractures at 10°20'45" and 60° to Core Axis. Chloritic. Slight Shearing between 1'9" to 2'7" Diss. Py. .5% to .75% 100% Rec.	41162	0'	3'8"													
3'8" - 7'6"	Ls	Py.	Rock Type and Fracturing Similar to Above Return Water Lost at 4'5" .5% Py. 100% Rec.	41163	3'8"	7'6"													
7'6" - 10'3"	Ls-Gw	Gl. Spn. Py. Cpy. Po.	Ls-Gw Contact at 8', 1" Calcite stringer at 8'6", 80% to Core Axis, 1/4" Heavy Sulphides on each Contact (Galena, Sphalerite, Chalcocopyrite, Pyrite), Cpy. Spn. Py. Stringers at 9'2"-9'6"-10'3" 70° to 90° to Core Ax. Slightly Sheared and Silicified, Many small pieces of Gw to 11'2" from 10'3" to end of hole. Diss. 1.5%-2% Py. Minor Po. 100% Rec.	41164	7'6"	10'3"													
10'3" - 13'3"	Gw-Ls	Py.-Po.	Many small Pieces of Gw to 11'2". Impure Ls to end of Hole, Slightly Sheared. 7" Core Lost Due to Cave, Unable to Recover. 1% Py. Minor Po. 80% Rec.	41165	10'3"	13'3"													
			END OF HOLE																

