

10/11/74

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1974 - 1975

The LUI claim is recorded on Mineral Claim Map 102 1/5 (1/5 of 1/8 (1/8)) and is covered by mining locs 102-101. The location line is approx. 10 1/2' long, 10' 30' lat., 2000' E. of Surrell Cr., approx. 10 miles due N. of Grand Forks. It lies between 2000' to 3300' elevation.

The LUI claim was previously located in parts by Fern 102 & 106 claims, no recent workings were found in the area.

Many old (40 to 50) year<sup>old</sup> dirt pits and trenches were found between B and A showings, in east direction, along the slope of the hill, they are caved in and overgrown with brush.

The B and A showings were found on June 13/74 and subsequently staked July 3/74 and recorded in Grand Forks July 5/74.

The South slopes are steep, usually with talus at the base. The North slopes are gradual. Vegetation consists of mountain meadows and small clumps of brush and burns on the B and heavier forestation to the A, it has been burnt over many years ago.

The area is covered by US Map 6 1957. Kettle River B.C. Sheet 62 (East Half). One inch to four miles.

This map shows the rock formation to be Nelson Intrusive of mesozoic age.

The B claim is completely within a granodiorite intrusive, there are a few narrow stringers of pegmatite, and small bodies and<sup>of</sup> dykes apatit, nothing of value was found in these, more abundant are dykes of which appear to be feldsparite, they are usually slightly radioactive from, one half to three times background, but would seem to be caused by potassium K40.

Description of mineralized showings

LJ-- this is the main showing of value found up to the present time, it is from 1' to 1 1/2' wide, of well shattered quartz, mineralized with magnetite pyrite, tourmaline, galena, chalcopyrite, and visible gold. Two samples assayed, returned values of 1.52 oz. Au. 0.86 oz. Ag. per ton, and 0.12 oz. Au. 0.15 oz. Ag. per ton. Three parallel quartz veinlets, 1/2" to 3/4" wide are within the shear, they are sparsely mineralized but are also well shattered and iron stained, small amount of gold has been panned from the crushed rock. These quartz veinlets are in a zone 4' wide. A trench was dug 5'x3'x2'. The zone has been faulted off at the N. end, this small fault strikes N40°E and dips 70°N., the zone itself strikes N20°E and dips 80°N., to the S. it runs into heavy overburden, dirt pannings in this direction failed to pickup any gold, but bedrock was not reached, the LJ claim is hampered for gold prospecting by lack of water for dirt panning, the closest water being Durrell Cr. 2000' away, which is time consuming among other things.

The quartz from the showing is very similar in appearance as is another quartz vein 2500' N., off of the claim, but have not been able to get any gold values from dirt or crushed and burnt rock samples, both of these showings have a different strike and dip, also neither have tourmaline, both of these factors could be an indication for finding other gold bearing veins in the area.

A---showing is a small quartz stringer 1/2" to 1" wide and traced for 7' it is within 10' of the LJ showing. It has a small amount of galena and chalcopyrite, three left hand offsets were noted, it strikes N30°E, and dips 70°N.. No gold values in dirt and crushed vein material recieved.

B---showing was found by tracing quartz float, 2(F) up a talus slope, ~~the~~ it is better mineralized, up to 2 cu., and larger, 1' sq. float than the vein remaining on a scarp wall where it is exposed for 1' long and 2" to 1/2" wide, and striking N30°E into talus on both ends. it has a vertical dip, magnetite,

chalcocite, bornite, chalcopyrite, iron pyrite and a small amount of galena where found in both, the float and vein, no gold values received in either from crushed, burnt and panned samples.

C---a Showings are very likely in the same shear zone, which carries small quartz stringers that have disseminated calcite, pyrite and chalco, with higher concentration on the walls, the shear is from 2" to 15" wide and 100' long on the C showing, with similar widths and a 40' length at A. they both have a strike of N70°W and dip 60°N.E., the shear has been hematized. I(F) float in the S.E. corner of the claim is very similar, none of these pan gold.

B---Showing is a quartz exposed for 6' long, from 2" to 6" wide, it carries magnetite, chalco, galena and pyrite, it strikes N70°E and dips vertical, no gold in dirt or crushed vein material received in panning.

A---Showing is two small quartz veinlets, 1" to 2" wide, and 6' long, with some pyrite, galena and magnetite, strikes N70°E and dips vertical. No gold received in panning vein matter or dirt.

Date of this report June 10 1975

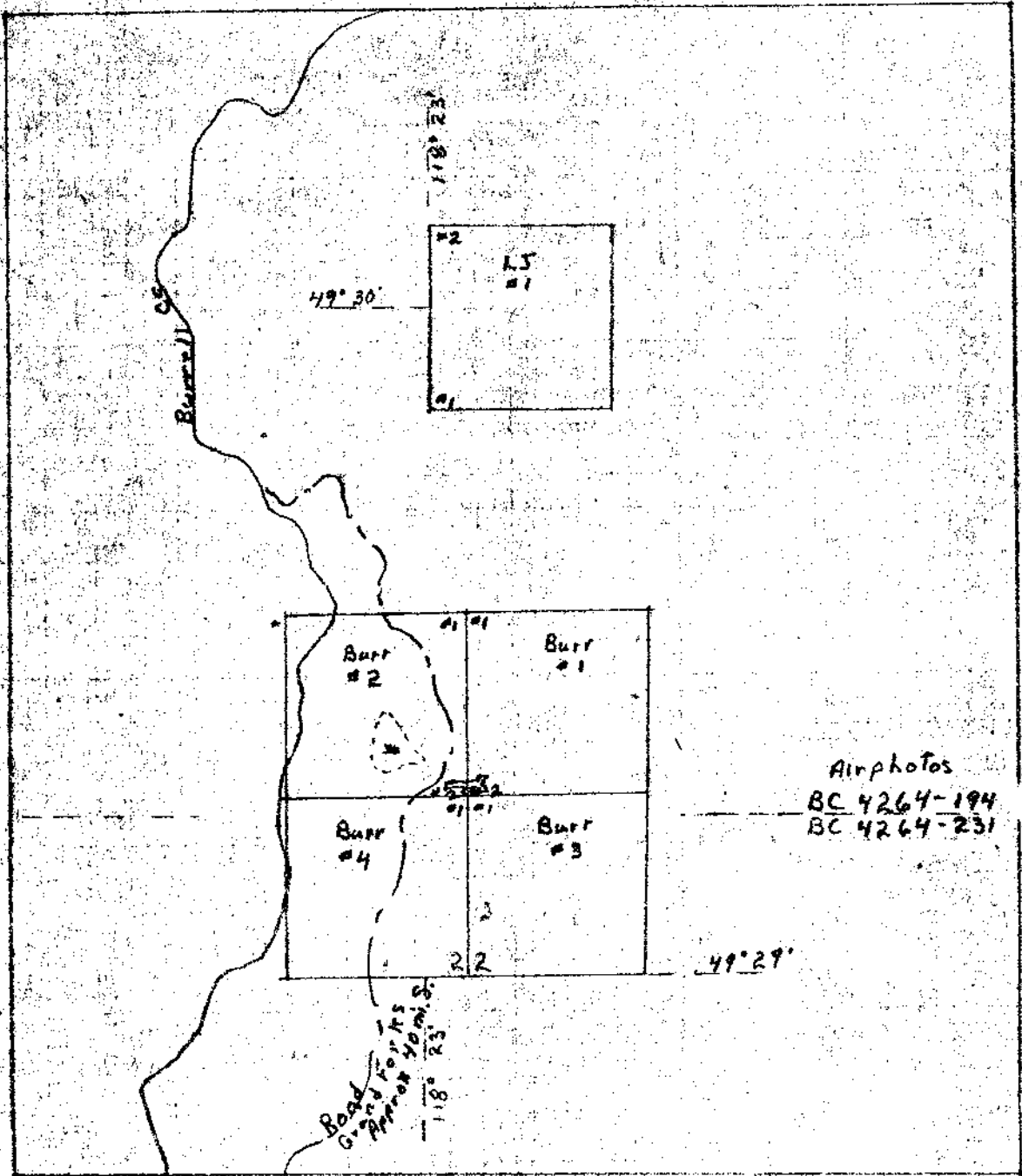
I have taken the B.C. Dept. of Mines and Petroleum Res. test at Grand Forks, B.C. on May 13, 1975.

Walter A. Buller

STATEMENT OF EXPENSES  
 IN MINERAL CLAIMS  
 FOR ASSESSMENT PURPOSES

1974	1975	1976
13.70		
3.36		
2.77		
36.30	19.83	
		36.30
Transportation 1 Trip @ \$50	\$50.00	
1 Trip @ \$50		
Prospecting 5 Days x \$35	\$175.00	
4 Days x \$35		
Trenching 3 Days x \$35	\$105.00	
Preparing Report 1 Day x \$35	\$35.00	
		50.00 One Man & 4W/D 1/2 Ton Pickup 50.00 One Man & 4 W/D 1/2 Ton Pickup
		140.00 July 11-15/74 Myself June 3-6/75 Myself
		35.00 July 8-10/74 Myself
TOTAL FOR YEAR	\$399.03	\$261.30
		TOTAL \$660.33

*Walter A. Buller*



Scale 1" = 1320'

Index Map

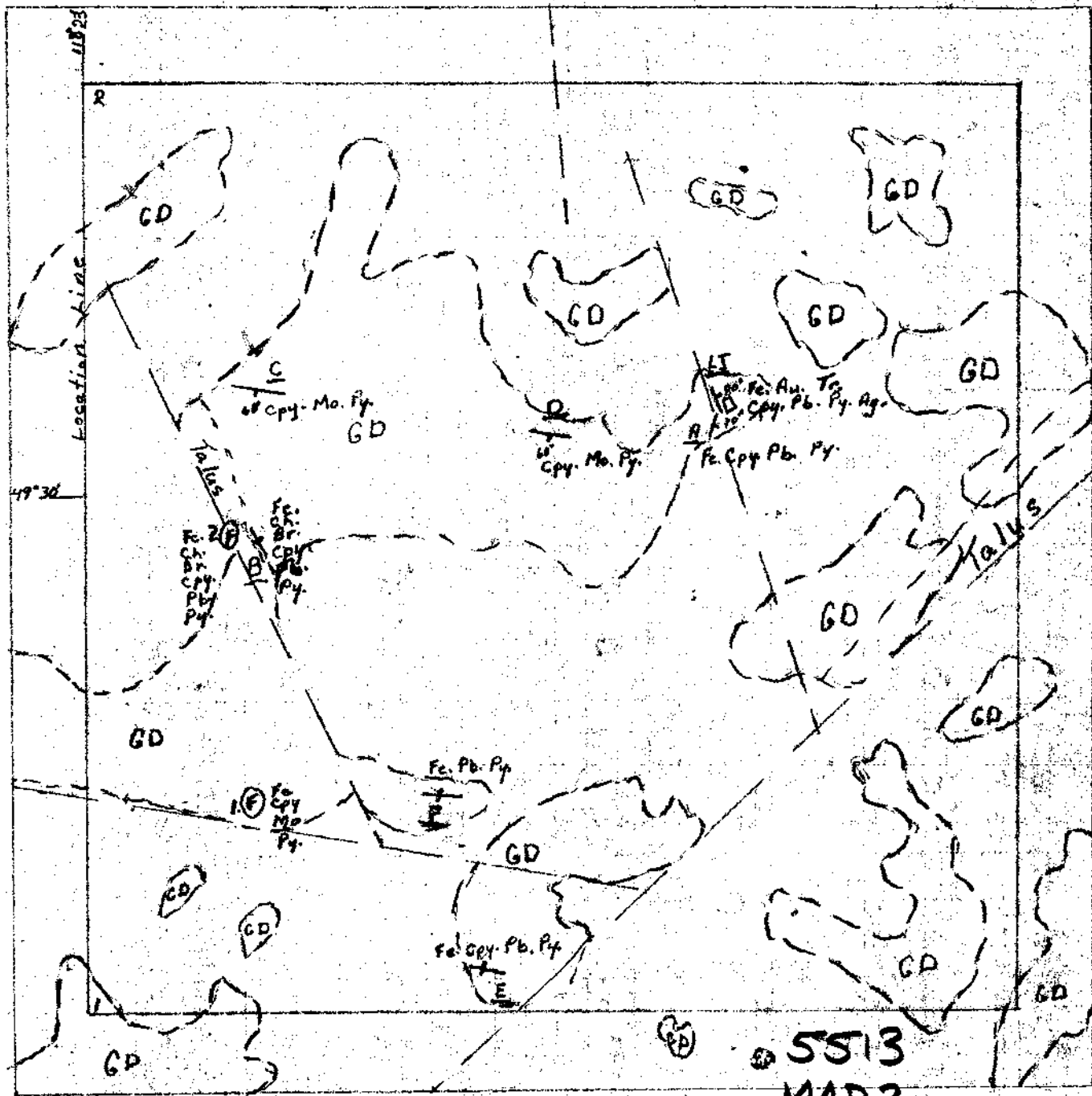
Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT

NO. 551 MAP 1

5513

MAP 1

W.A.B.



Scale 1" = 250'

LJ<sup>1</sup> Claim

Mineral Claim Maps

BZE/B W(M)  
BZE/9 W(M)

Airphoto  
BC 4264-194

Elev. 2800' to 3300'

□ Trench 8' x 3' x 2'

— Lineaments

(GD) Outcrop Areas

⊙ Mineralized Float

Mo. - Molybdenite  
Ch. - Chalcocite  
Br. - Bornite  
Cpy. - Chalcopyrite  
Pb. - Galena  
Fe. - Magnetite  
Py. - Iron Pyrite  
G.D. - Granodiorite  
T. - Tourmaline

Au. - Gold  
Ag. - Silver

W.H.B.