

Box 1133

Seasmead, B.C.

NOH-120

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Mr. Glen Simpson  
% Cyprus Exploration  
1101-510 W. Hastings  
Vancouver, B.C.

812399

82F-10  
Bluebell

Dear Glen -

I've been digging around to find out what I have here on the Bluebell mine and the Badshot limestone. I don't have too much. However - Nelson map area - East Half B.C. Memoir 228 H.M.A. Rice gives an extensive set of references on the early history of the Bluebell mine. Every Minister of Mines report from 1949 thru 1972 will carry reports on the Bluebell with all statistics.

W.T. Irvine - Cominco chief mine geologist wrote the geology of the Bluebell for the Canadian Mining Journal May or June 1954 - a "Cominco" featuring issue. He also wrote it later for C.I.M.M. 1957.

Regional structure is given in B.C. Dept of Mines Bull. No. 41, No. 53, No. 49.

Enclosed is a short report written for the visit of the Society of Economic Geologists - it contains most of the references required. Please send it back. You may make a copy of it if you wish. That's all I have that will be of any use to you.

When you have read the reports, you will realize that the "Bluebell limestone," generally accepted as being one limb of a fold in the "Badshot" limestone, enters Kootenay lake at the south end of the Rondel

peninsula, and does not reappear until it outcrops at Proctor, on Bonacci's claims.

Our experience at Bluebell was that the ore occurred in three zones, ~~which~~ <sup>and</sup> had 1000-1500 feet of barren limestone between the mineralized areas. Because the ~~Proctor~~ limestone in the Proctor area is all covered except near lakeshore, there is a distinct possibility that hidden mineralization occurs south of Proctor the limestone apparently is cut off by the Nelson Batholith - then re-occurs to the south toward Salmon, where there are or were several operating mines.

Dr. H. V. Warren, <sup>U.B.C.</sup> did research on bio geochemistry in the Bluebell area and quotes results of tests taken near the Bluebell.

I hope I have been able to help you. Please contact me if I can be of further help.

Yours truly

Frank Shannon.

