W.S.R. R.J.B.

MEMORANDUM

TO:

MR. W. S. ROW

FROM:

MR. G. M. RADISICS

SUBJECT:

RECENT COPPER DISCOVERIES IN NORTHWESTERN BRITISH COLUMBIA. 1958

E.O.C. V H.A.P. R.D.S. B.C.B. G.P.R. E.L.D. J.I.K. E.C.J.

Interesting developments concerning two new areas in which good grade copper mineralization has been discovered in British Columbia are becoming apparent. One of these areas is located along the Toad River where a copper bearing discovery made during 1957 is responding very favourably to preliminary exploration. To date some 1000 feet of strike length has been obtained in trenching showing some 8% copper content over an average width of 7 feet. The zone is open at both ends and further work is in progress. The original discovery is held by Fort Reliance Minerals, a subsidiary operation of Panamerican Ventures.

The second area in which important copper bearing mineralization has been discovered is in the Roaring River District, to the east of the Toad River area. Here, a major fault zone carries irregular quartz stringers well mineralized with chalcopyrite. While the width of the fault is several hundred feet, the best values are concentrated in the footwall and possibly the hanging wall sections of this major structure. Widths over the commercial ore occurrence are again in the neighborhood of 10 feet or so.

As a result of these discoveries, considerable staking activity is in progress and, undoubtedly, further discoveries will be made. The showings in the Toad River area are also connected with major fault zones and a set of north-south striking basic dykes.

GMR: vk