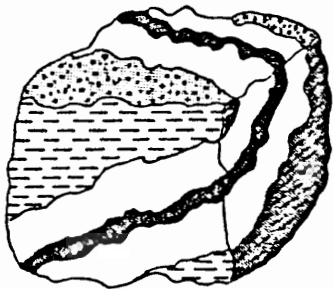


THE OMMOUE



Newsletter of the Mineral Deposits Division

Geological Association of Canada

No. 2

September, 1979

MDD Field Trip: Southern B.C. Porphyry Cu-Mo Deposits

A field trip to Afton, Lornex and Similkameen - Copper Mountain is being organized and led by W.J. (Bill) McMillan and V.A.G. (Vic) Preto. Guidebooks will be distributed.

Buses will leave the Vancouver Grayhound Depot, 150 Dunsmuir, at 1 PM, Thursday October 11. Participants will overnight in Kamloops, visit Afton and Lornex October 12 and overnight in Princeton, then visit Similkameen Saturday morning, October 13, and return to Vancouver about supper time.

Cost per person for transportation is not yet firmed up, but will be less than \$50.00. Accommodation and meals are not included. Cool weather is to be expected, so bring suitable clothing.

Interested parties should contact Bill McMillan or Vic Preto at: B.C. Ministry of Mines & Petroleum Resources, Geological Division, Parliament Buildings, Victoria, B.C. V8V 1X4. Tel. (604) 387-5068.

Conference Report: Pre-Mesozoic porphyry type deposits

The 1979 Quebec annual meeting of the GAC included an MDD sponsored symposium on pre-Mesozoic porphyry type deposits. Jointly chaired by J. Cimon and R.V. Kirkham, the symposium included summaries of pre-Mesozoic deposits from North America (Superior and Churchill Provinces and the Appalachian orogen) and Africa. Deposits in the Russian Urals were summarized in an abstract. Naturally, descriptions of the Canadian deposits were most complete.

Four Canadian porphyry type deposits have been commercial (McIntyre, Tribag, Noranda's "disseminated" smelter flux ore and some epigenetic ore in Chibougamau). If Gaspé Copper is also considered a porphyry type deposit, then the total is 5. In the discussions that preceded and followed the formal presentations, on the order of 48 deposits were mentioned as occurring in the Canadian Shield and Appalachian system. It seems, therefore, that 10% of the porphyry type deposits in pre-Mesozoic terranes are of economic interest.

Individual deposit descriptions were given for deposits in Chibougamau and Abotossaway township and for the Lateral Lake, Catheart, Benjamin River and Coxheath stocks. Most were Cu-Au, but Cu-Mo and Mo deposits constituted a significant minority.

Closing comments by Drs. Sutherland Brown and Panteleyev drew parallels between the older and younger deposits.

Vic Hollister

MDD Membership

Response to the second appeal for members in The Gangué resulted in an additional influx, bringing the total to 358. A geographic listing of MDD members is appended.

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