



Energy, Mines and
Resources Canada
Geological Survey of Canada
100 West Pender, Vancouver
V6B 1R8

Énergie, Mines et
Ressources Canada
Commission géologique du Canada
100. ouest, rue Pender, Vancouver
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Erickson Cr.
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Your file Votre référence

Our file Notre référence

May 20, 1983

Mr. M. Bonardi,
Geological Survey of Canada,
601 Booth Street,
Ottawa, Ontario.
K1A 0E8

Dear Mr. Bonardi:

I have enclosed 4 specimens from the Erickson Creek gold mine at Cassiar B.C. for mineral identification. All specimens are from zones of carbonate-rich hydrothermal alteration of either volcanics or argillite. The enclosed chemical analyses sheets show that the alteration assemblage is rich in Ca, Mg, Fe, Si and Al. Minerals believed to be present include quartz, dolomite, siderite, calcite, mariposite; ± magnesite, talc, chlorite, epidote. I would appreciate an X-Ray diffraction mineral identification of each specimen to confirm these or other minerals.

I have a BSc. student working on the Erickson mine this summer, and he would appreciate receiving the mineralogical identification as soon as possible. My field address, after June 13 and before Aug. 31, is:

Dr. K.M. Dawson
Geological Survey of Canada
General Delivery
Watson Lake, Y.T.
Y0A 1C0

Thank you very much.

Ken Dawson

KD/wc

cc R. Basnett

Canada