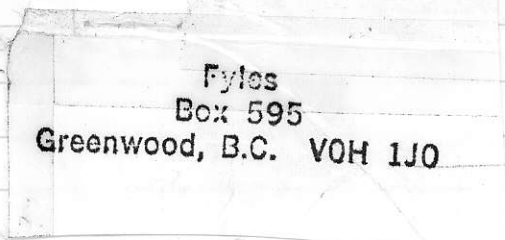


82E/3
675557

Greenwood B.C.
Aug 29/83

①

Ken Dawson
YSC
Vancouver B.C.



RB claims
Pb isotope spec.

Dear Ken

I was sorry to miss you while you were around Greenwood. However, with the able guidance of Neil Church I am sure you "saw everything". Neil has told me of your interest in galena and I am pleased that you were able to find some at the Cyclops property. With you in mind I collected galena from an RB group on Hardy mtn west of Grand Forks. A bag of this material labelled F83-5B is being sent to you. I hope it will be useful in your studies and will be

interested to hear of any results from
lab work on this material. A
description of the sample is attached.

Sincerely,

Jim Fyles.

Notes on Samples FB3-57, FB3-58, FB3-59

These samples were taken from broken rock on the dumps of two old pits in rock on the northwestern ridge of Hardy Mountain - elevation 4000ft approx latitude $49^{\circ}09.15'$ longitude $118^{\circ}31.0'$ (UTM 389020E 543610N) in B2E/2 Guenwood. These and other pits and showings are on reverted Crown Granted claims (Caledonia 2973(?)) currently held as part of the RB Group of Kettle River Resources.

The samples are of sphalerite, galena, chalcopyrite and pyrite in iron carbonate in a host rock of quartzite. The carbonate occurs in a lenticle of quartzite close to the upper surface of a thick massive quartzite unit some of which is fragmental. This unit is overlain

by a relatively thin (less than 500 ft) sequence of sedimentary rocks including thin bedded green tuffaceous siltstones, sandstones, calcareous ^{volcanic} sandstones limestones and chert lenses (Shapstone conglomerate of the Phoenix area) These rocks occur a strike length of a few kilometers from several intergradational lenses which "grade" laterally into the greenstones

The iron carbonate sulphide lenses are irregular in attitude, discontinuous and measure less than a foot thick and two feet long. They occur in a zone exposed in two trenches 20-30 feet long and generally parallel to the trend of the formations. Other small showings of pyrite, pyrrhotite and chalcopyrite occur within the sedimentary

complex either as massive pods or
disseminations commonly along faulted
contacts.

J.F.F.
August 21/83