



both above and below it, the only effect having been a possible slight throw of the ore to the east. The ore itself is chalcopyrite, pyrrhotite and some pyrite, with a small quantity of gold and silver. On the edges of the main ore body bunches of specular iron and zinc blende occasionally occur, but never in the ore mass. The specific gravity of the ore is 3.65 to 4.00. Garnet rock is the mineral most intimately associated with the ore, occurring around the edges of the ore body and occasionally in masses in the midst of it. A noticeable feature is the entire absence of oxidation of the ore body, at the outcrop or elsewhere.

The main ore mass is made up of more or less horizontal sheets of ore varying from a few inches to several feet in thickness, possibly maintaining very much the form of the original bedding of limestone, of which it is probably a replacement. There is no cementing of these layers, consequently great care has to be exercised in breaking the ore, for if too large an excavation be made without careful timbering one sheet will fall from the one above it by its own weight. It has been found necessary to timber the stopes with square sets throughout, there being no other practicable method of supporting the ground. The sets are made of ten-inch square timbers and are placed with five-foot centres.

The facilities for economical mining, shipping and smelting are excellent.

Additional information relative to this property, as under, is contributed by the Boundary district

As will be seen from the cross section herewith the ore lies in close contact with each porphyritic intrusion,

correspondent to the MINING RECORD :

The B. C. group consists of the following crown-