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*Geology and Regional Setting of the Chu Chua Copper Deposit,
South-Central British Columbia.*

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The Chu Chua copper deposit, about 100 km north of Kamloops, is a typical volcanogenic exhalative massive sulphide body consisting essentially of pyrite and chalcopyrite, lying conformably within basalts of the Fennell Formation. The Fennell Formation is the upper, mafic unit of a volcanic sequence which extends from Sicamous to north of Clearwater. The lower unit is the more felsic Eagle Bay Formation. Numerous minor massive sulphide bodies are known, most of which are in the felsic unit or in the transition zone to the mafic unit. The volcanic sequence appears to be conformable on the black shales and limestones of the Sicamous Formation. The entire series is folded into northwesterly to northerly trending anticlines and synclines, intruded by Upper Cretaceous batholiths and overlain by remnants of flat-lying Tertiary volcanics.