K/Ar AGE DETERMINATIONS
WREDE CREEK ZONED ULTRAMAFIC COMPLEX
(94D/9E)

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The Wrede Creek ultramafic complex is one of several zoned or Alaskan-type ultramafic bodies in the McConnell Creek and Aiken Lake map-areas of north-central British Columbia. The ultramafic body, composed of a dunite core with a pyroxenitic margin, occurs within volcanic rocks of the Upper Triassic Takla Group. K/Ar dating of hornblende from pegmatitic segregations within the dunite gave ages of 219±10 Ma and 225±8 Ma, suggesting a possible genetic relationship between the ultramafic and volcanic rocks. Secondary biotite developed in similar hornblende pegmatite yielded a K/Ar date of 175±5 Ma, while hornblende from a diorite dyke cutting the ultramafic complex gave an age of 172±6 Ma. The latter two ages are correlative with Middle Jurassic plutonism represented in the area by the Hogem batholith. *Analytical data are listed in the accompanying table, page* 156.

BP Minerals Limited, Vancouver, supported fieldwork for this project. The British Columbia Ministry of Energy, Mines and Petroleum Resources provided funding for microprobe analyses and K/Ar dating. An M.Sc. thesis on the study is in preparation.

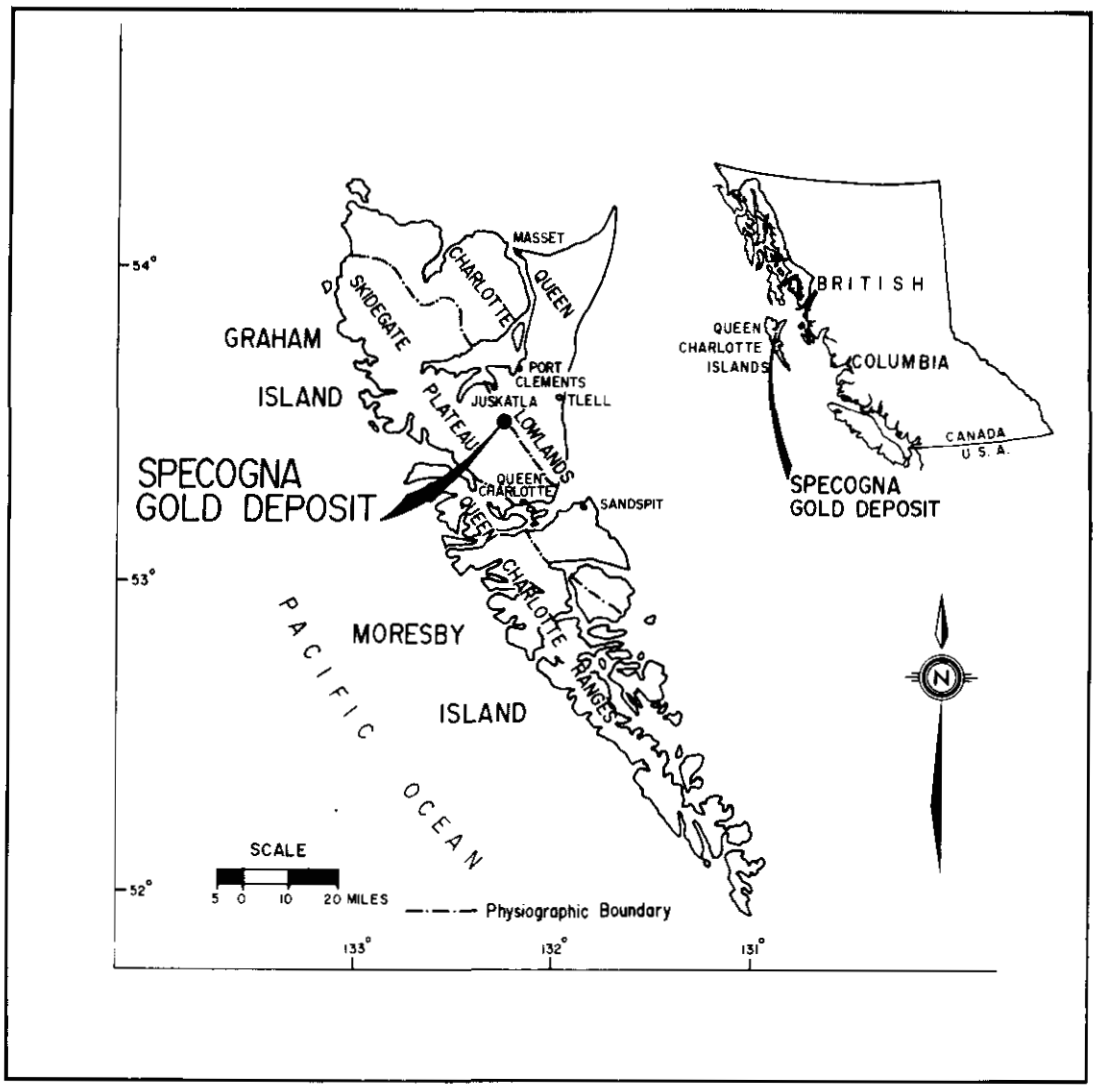

Figure 48. Location of Specogna gold deposit.