

1980-02-29

KING - M490

SUMMARY

Location: 8 miles S. of Cinola property, Queen Charlotte Islands.
Claims: 54 units = 3240 acres
Deal: 10% Net Profits Interest retained jointly by 4 prospectors.

History:

The property was offered to Chevron in 1977, but was initially rejected on the basis of high exploration cost (possible deep drilling). Since then Newmont Mining Ltd. took up a short-lived option and have completed initial surface exploration on the core claims. This work has confirmed and enhanced the original regional data.

The claims were then acquired on similar but slightly more expensive terms to those originally proposed.

Geology and Geochemistry:

A very extensive, high amplitude mercury-arsenic geochemical anomaly overlies strongly silicified Jurassic and Cretaceous sediments. Gold values are present, but sporadic, and the gold expression may be masked by a thin plastering of clay-rich till. Major faulting, and a major fault splay are present, in a structural setting similar to that of the already Cinola property. The Tertiary Masset unconformity, also believed to be a major mineralization control, lies near the west boundary of the King property. Feldspar porphyry dykes (possible Masset feeders) are present close to major faulting on the property.

1979 Program:

A 22 hole percussion drilling program revealed no mineralization whatever under the central-eastern end of the major Hg(Au) anomaly, leading to the suspicion that the anomaly is transported.

1980 Program

Emphasis has now shifted to the western side of the property where excellent targets remain to be tested. A 3500 foot drill program is planned for 1980.

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