

TAS

93K080

VCS

July 1989

✓ HOST ROCKS

A. DOMINANT ROCK TYPE 1 SEDIMENTARY 3 VOLCANIC 5 METAPLUTONIC METAMORPHIC
 2 PLUTONIC 4 METASEDIMENTARY 6 METAVOLCANIC

B. SUPERGROUP _____ GROUP Takla 327
 FORMATION _____ MEMBER _____
 AGE 231 ISOTOPIC AGE _____
 DATING METHOD _____ MATERIAL DATED _____
 ROCK TYPE HREFL
 LITHOLOGY _____

C. IGNEOUS/METAMORPHIC/OTHER Intrusives 484 390
 AGE 219 ISOTOPIC AGE _____
 DATING METHOD _____ MATERIAL DATED _____
 ROCK TYPE DORT
 LITHOLOGY _____

888479

COMMENT ON HOST ROCK _____

✓ GEOLOGICAL SETTING

TECTONIC BELT Insular OMineca TERRANE QN Quesnellia
 Coast Crystalline EAstern
 InterMontane

PHYSIOGRAPHIC AREA NCPT Nechako Plateau

METAMORPHISM: TYPE CONTACT RELATIONSHIP 1 PRE-MINERALIZATION
 2 REGIONAL 2 SYN-MINERALIZATION
 3 POST-MINERALIZATION

GRADE HornFels BlueSchist Amphibolite EClogite SubBituminous
 ZeoLite GreenSchist GranuLite Lignite Low Vol. bituminous
 Med. Vol. bituminous Hi Vol. bituminous SemiAnthracite ANthracite

alkaline?

COMMENT ON GEOLOGICAL SETTING Claims lie within the "Quesnel Trough"

✓ CAPSULE GEOLOGY The property is underlain by Takla Group volcanics and sediments of Upper Triassic and later age. The Takla Group rocks are intruded by Upper Jurassic or lower Cretaceous diorites. The claims lie within the Quesnel Trough, a broad north-northwest trending belt of marine volcanics, volcaniclastic and sediments that are intruded by calc-alkaline intrusive stocks. Mineralization on the property appears to be related to emplacement of the intrusive bodies.

The showing occurs where the diorite intrusives are in contact with the Takla Group assemblage. The intrusive is extensively fractured and altered, showing plagioclase veins and minor epidote staining where mineralization occurs. Mineralization consists of pyrite and chalcopyrite. In 1986, trenching in areas with anomalous soil geochemistry uncovered silicified hornfels which hosted disseminated pyrite and minor pyrrhotite. The hornfels hosts significant gold and copper values. A sample from Trench 2 assayed: 6.3g/tonne gold, 0.1% copper.

✓ BIBLIOGRAPHY (place best or most recent source first)
EMPR EXPL 1985 p C308
EMPR ASS RPT *13979, *15687

Confidential till Dec 18/87.

CODED BY LHC initials FIELD CHECKED: YES NO DATE CODED 87 yr 10 mo 26 day
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