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PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 103 I/9
RÉGION DU S.N.R.C.

REF. CU 33
RÉF.

NAME OF PROPERTY GOLCONDA, FOUR ACES (HICKEY)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Golconda claim, Lot 167.
OBJET LOCALISÉ

UNCERTAINTY 300 m Lat. 54°37'50" Long. 128°22'
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Omineca District
Division minière District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Volcanic rocks, indicated on Map 1136 A to belong to the Jurassic Hazelton Group, are intruded by felsitic dykes. At an elevation of 2,000' a fine-grained dyke occupies an east-striking steeply south-dipping shear zone. Width of the shear zone and dyke ranges from 1 to more than 4 feet, and the dyke contains blebs and disseminations of bornite and chalcopyrite. At an elevation of 1,500 feet a felsite dyke and adjacent volcanics are intensely sheared. The dyke contains disseminated chalcopyrite, galena, sphalerite and pyrite. A grab sample of the dyke material assayed: Gold, 0.01 oz/t; silver, 2.8 oz/t; copper, 1.27%; lead, 0.25%; zinc, 1.21%.

Early work was done on a flat-lying quartz vein 10' thick very sparsely mineralized with pyrite, chalcopyrite and galena.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at elevations of 1,800' to 4,000' on the west side of Bornite Mountain, some 12 miles northeast of Terrace.

The Four Aces, Golconda, McKinley and Laurier claims were owned by P. Hickey and associates from 1898. The claims were Crown-granted (Lots 166-169 respectively) in 1902. Work to date included prospecting in a number of open cuts on the projected extension of the vein system on the Emma property, adjoining at lower elevations. The claims were held until 1914 or later but no work was reported beyond 1902.

The property was acquired by M. Allison, who also held the Emma property, and some work was done in 1927. A.J. Lowary, of Seattle, acquired the property in 1928; a new discovery of disseminated copper mineralization was reported in 1929 and considerable trenching was carried out.

Shasta Mines & Oils Ltd in about 1967 acquired some 40 claims from J. Bell, including the Four Aces and Golconda (Mineral Lease M 19) claims. Work in the period 1967-69 inclusive included induced potential and geochemical soil surveys, and 2,100' of diamond drilling in 13 holes; the location of the drilling with respect to the Crown-grants is not known.

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Reports of Minister of Mines, British Columbia: 1899, p. 656; 1900, p. 786; 1901, p. 991; 1902, pp. 46, 308; 1914, p. 133; 1927, p. 125+; 1928, p. 143; 1929, p. 149; 1967, p. 82; 1968, p. 108.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 81++.

Kindle, E.D.; Mineral Resources of Terrace Area, British Columbia; Memoir 205, p. 45, Geol. Surv. of Canada, 1937.

Hanson, George; Reconnaissance in Zymoetz River Area, Coast District, B.C.; Summary Report 1925, Pt. A, p. 117, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329, Geol. Surv. of Canada, 1964.

#Map 103 I/9, Usk, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-84						