

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 103 P/11
RÉGION DU S.N.R.C.

REF. CU 5
RÉF.

NAME OF PROPERTY SAN DIEGO (DAK) (TOTAL)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Division minière	Skeena	District District	Cassiar
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks on the property are sediments intruded by felsitic rocks containing augite phenocrysts in places. The igneous rocks are greatly altered. The mineral showings are in the felsite very near the contact with argillites to the west and consist of rock locally impregnated with pyrite and some chalcopyrite.

A trench exposes intensely fractured microdiorite containing finely disseminated pyrite and some chalcopyrite over a length of 125 feet. Coarser sulphides occur in some fractures which strike east-northeast and north-northwest. The microdiorite, which may be an altered flow rock, consists essentially of sericitized and albitized plagioclase and lesser amounts of chloritized hornblende and minor quartz and pyroxene.

Three copper showings occur in a northeast trending zone. The most northerly of these is situated 1,000 feet west of Washout Creek at river level, where an old trench exposes intensely fractured feldspar porphyry and augite porphyry that contain finely disseminated pyrite and chalcopyrite over a length of 125 feet. One thousand feet to the southwest, at an elevation of 1,000 feet, intensely fractured siliceous grey-

p.t.o.

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

This property is located at about the 900 foot elevation on the east side of the Dak River, opposite the mouth of Gumas Creek, 4 miles north-northeast of the community of Alice Arm.

The 8 claim San Diego group was owned by J.E. Price and S.J. Eubank, of Seattle, in 1916. Exploration work was done in open cuts, a short adit, and some 200 feet of shot core-drilling.

Mayfair Molly Mines Ltd., incorporated in May 1966, acquired 180 claims covering all of Wilauks (McGrath) mountain. Included in this property is the Dak group of 24 claims which is located on the north slope of the mountain and probably covers the old San Diego showings. Work on the Dak group in 1967 included trenching, and 10 miles of line-cutting for a geochemical survey.

The Total group (66 claims), owned in 1971 by D. Collison, of Alice Arm, was in part a relocation of claims held by Mayfair Molly Mines but also covered the Red Bluff property on the north side of the Dak River.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

wacke is exposed in several open cuts over a distance of 100 feet. The rock contains abundant disseminated pyrite and some chalcopyrite. Malachite staining is widespread. A chip sample across 10 feet assayed 0.21 per cent copper and a trace of gold. The old San Diego copper showings are believed to be situated a further 2,000 feet to the southwest where iron-stained feldspar porphyries are exposed in several steep gullies.

REFERENCES/BIBLIOGRAPHIE

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 77, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1916, p. 69; 1967, p. 43.

Geology, Exploration, and Mining; British Columbia Department of Mines: 1971, p. 123.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 175.

Map 103 P, Nass River, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	04-68	11-74					