

PRODUCT
PRODUIT

COPPER

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 104 B/8
RÉGION DU S.N.R.C.

REF.
RÉF. Cu 2

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

KERR

OBJECT LOCATED
OBJET LOCALISÉ Occurrence, fig. 1-18-3

UNCERTAINTY
FACTEUR D'INCERTITUDE

2000 m

Lat. 56°28'30" Long. 130°16'

Mining Division
Division minière

Skeena

District
District

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

Rocks underlying the property are interbedded siltstones, conglomerates and volcanics of the Unuk River Formation.

Jurassic andesitic tuffs host mineralization in a north-south trending, sericite altered, pyritic schistose zone which correlates with a major fault; the altered zone is greater than 1 km by 500 m. Orthoclase prophyry intrusives occur locally. Mineralization in the volcanics includes extensive pyrite, and chalcopyrite, chalcocite, bornite, and minor native copper.

Pyrrhotite and chalcopyrite veins varying from ½ inch to 2 feet in width have been found associated with a diabase dyke along the west side of the Sulphurets Glacier.

Associated minerals or products
Minéraux ou produits associés

Gold, silver

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

The property is located at elevations of 2500 to 6000 feet at the head of Sulphurets Creek (south side) some 37 miles north-northwest of Stewart; the Brucejack property (104 B/8, Au 8) adjoins to the east and north. Kirkham, 1960, mentions a copper occurrence in the vicinity.

The Kerr group of claims were held by D.E. Wallester and associates from about 1982. A geochemical survey comprising 100 soil and 51 silt samples was carried out in 1983. Brinco Mining Limited optioned the property in 1984. Work in 1984-85 included geological mapping, geochemical soil, silt and rock chip surveys, trenching, and 190 m of diamond drilling in 3 holes; a strong geochemical anomaly was outlined over a 1 km square area. Brinco Mining in September 1985 changed its name to Cassiar Mining Corporation. Cassiar Mining and/or Consolidated Brinco Limited in 1986 carried out geochemical soil surveys comprising 1450 soil and 409 rock samples and trenching.

Sulphurets Gold Corporation was incorporated in November 1986 by Wallester and associates to hold their 30% interest in the property.

Western Canadian Mining Corporation was formed in January 1987 by Cassiar Mining and Consolidated Brinco to develop their properties; the company became operator of the Kerr property, now comprising some 120 claim units. Work in 1987 included geochemical surveys, trenching, and 1450 m of diamond drilling in 14 holes.

Sulphurets Gold in 1988 optioned a 5% interest to Clifton Resources Limited; ownership of the property was then: Western Canadian (70%), Sulphurets (25%) and Clifton (5%). Work in 1988 included geophysical, geochemical surveys, trenching, and diamond drilling (3589 m in 22 holes) on the A and B zones. Work to date suggests an inferred 60 000 000 tonnes at 0.84% Cu, 0.01 oz/mt Au, 0.06 oz/mt Ag (Financial Post, October 3, 1988, p. 41). In January 1989, Sulphurets Gold purchased 100% interest in the property and Placer Dome Inc. purchased 69% of Sulphurets' shares.

504277

Exploration in British Columbia; BC EMPR: 1983, p. 522; 1984, p. 386; 1986, p. C 440.

Mineral Exploration Review; BC EMPR: 1985, pp. 14, 18; 1987, p. 12.

Mineral Policy Sector; Corporation Files: "Western Canadian Mining Corporation"; "Sulphurets Gold Corporation".

George Cross News Letters: 1985, No. 194; 1986, No. 232; 1987, No. 144, 165, 173, 177, 182, 204; 1988, No. 75, 156, 163, 167, 191.

Geological Fieldwork, BC EMPR: 1987, p. 199.

Kirkham, R.V.; The Geology and Mineral Deposits in the vicinity of the Mitchell and Sulphurets Glaciers; M.Sc. Thesis (unpublished), The University of British Columbia, 1960.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Geology and mineral deposits, Sulphurets map area, Sc. 0.7 cm; 1 km, Figure 1-18-3, Geological Fieldwork, 1987, p. 202, BC EMPR.

Generalized geology Sulphurets-Mitchell Creek Area, Figure 8, Report of Minister of Mines, B.C., 1968.

Map 104 B/8, Frank Mackie Glacier, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	JL					
Date Date	10-88	02-90					