

PRODUCT COPPER  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 103 P/13  
RÉGION DU S.N.R.C.

REF. CU 5  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

RED REEF

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 55°55'15"  
Lat.

Long. 129°58'30"  
Long.

Mining Division Skeena  
Division minière

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 contact between volcanic rocks of the Hazelton group and granitic rocks of the Coast Range intrusives strikes north across the lower part of the property. In Silverado canyon at elevation about 900 feet a broad, poorly defined mineralized zone strikes easterly in highly altered greenstone. Aside from altered country rock it contains pyrite, pyrrhotite, and chalcopyrite, with quartz, garnet, and other silicates. At elevations of 1,400 to 1,800 feet in Silverado Creek channel several narrow northwesterly striking lenses of pyrite, galena, and sphalerite occur. A few hundred feet south of the creek a flat lying vein is mineralized with sphalerite.

From GEM 1973 - "The Hyder stock straddles the claims in a northeasterly direction. Most prominent geological feature is the contact between quartz monzonite intrusions due north and Hazelton sedimentary-volcanic contact to the south. A regional fault strikes easterly up Silverado Creek. The rock near showings is garnetite, diopside, biotite skarn. Mineralization consists of pyrite and chalcopyrite".

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This occurrence is located between elevations of 900 and 1,800 feet on the east side of the Portland Canal, one mile southeast of Stewart. The Silverado property lies to the east and adjoining.

This ground was originally staked by D.J. Rainey in about 1904 and subsequently sold to H.E. Newton. Exploration work was begun in open cuts and a short adit. The Red Reef No. 1 to 4, and Red Reef Fraction claims (Lots 1405-1408, and 1390) were Crown-granted to Mr. Newton in 1911. During 1912 and 1913 some 500 feet of crosscutting and drifting was done in 3 adits. The main crosscut was driven 325 feet, cutting 25 feet of quartz carrying low copper and gold values; a tunnel was run 50 feet north from the crosscut to cut a small east-west vein. A drift adit, 100 feet lower, was driven 45 feet. About 500 feet to the south a third adit was driven as a drift for 40 feet. Work on the property apparently ceased in 1913.

The Red Reef Mining Company, Limited was formed in March 1928 to acquire and develop the property. During the year about 1,900 feet of diamond drilling was done in 5 holes. At the 950 foot elevation a diamond drill hole was driven north at -20° for 200 feet to cut the broad poorly defined mineralized zone from a point about 10 feet south of the zone. The four remaining holes were placed radiating out from a large open cut in highly altered and pyritized rock. Nothing of importance was found by this work. The company charter was surrendered in 1931. Some exploratory work and drifting was reported during the years 1936-1938 inclusive.

Cassiar Consolidated Mines, Limited in 1966 held a number of Crown-granted claims on Mount Rainey, including the Red Reef group. Work on the Red Reef during the year was confined to road building.

Princemont Explorations Ltd. purchased the Red Reef 6-11 and Red Reef 5 Fr. claims from Nick Benkovich by a May 1972 option agreement. Work by the company in 1972 and 1973 included rehabilitation of the 3 adits, sampling, geological mapping, geochemical and magnetometer surveys, and bulldozer trenching.

*Red Reef Prop - Properties 2/6/75*

Reports of Minister of Mines, British Columbia:  
 1910, p. 62; 1912, p. 106; 1913, p. 89; 1928, p. 97;  
 1938, p. B 25; 1966, p. 41.

Mineral Policy Sector; Corporation Files: "Red Reef Mining  
 Company, Limited"; "Princemont Explorations Ltd."

Hanson, George; Portland Canal Area, British Columbia;  
 Memoir 175, p. 141, Geol. Surv. of Canada, 1935.

Geology, Exploration, and Mining; British Columbia Dept.  
 of Mines: 1973, p. 490.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 215 A, Stewart Sheet, B.C., (Geol.), Sc. 1":1 mile - accomp.  
 Memoir 159.

Map 193 A, Stewart Sheet, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	12-67	09-76					