

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY
PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 103 P/12
RÉGION DU S.N.R.C.

REF. CU 7
RÉF.

NAME OF PROPERTY RED POINT, KITSOL, COMBINATION, DAN PATCH
NOM DE LA PROPRIÉTÉ (RACEHORSE)

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

These copper showings are located on the west side of the Kitsault River about 15 miles north of the community of Alice Arm. The claims extend northwest from Evindsen Creek for about a mile, mostly east of Black Bear Creek, on the ridge between Black Bear Creek and the Kitsault River. The Red Point claims lie on the bluff on the north side of Evindsen Creek, and are surrounded on three sides by the Kitsol (Kitsaul) claims. The Red Point claim group was adjoined on the northwest by the Combination group, which in turn was adjoined on the northwest by the Dan Patch (Racehorse) group. Much of this ground was originally staked in 1912 and 1913.

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°41'25" Long. 129°31'30"

Mining Division Skeena
Division minière

District Cassiar
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

Dolly Varden Mines Ltd.,
1400, 409 Granville St.,
Vancouver, B.C.

The Red Point No. 1, Red Point Extension, and Black Bear claims (Lots 3809-3811) were located by O. Enindsen, O. Pearson, C. Swanson, and associates; the claims were Crown-granted in 1919. During 1916 the Grandby Consolidated Mining, Smelting and Power Company, Limited diamond drilled from the base of the Red Point bluff on the north side of Evindsen creek. Three flat holes, totalling about 600 feet, were driven in northwest, north, and northeast directions. The cores showed disseminated mineralization more or less all through, mostly pyrite with a little chalcopyrite. No further work was reported on the Red Point group until 1926 when V. Spencer & associates, of Vancouver, optioned the claims for Dolly Varden Properties, Limited.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The ridge is underlain by Copper Belt intrusive rocks and fine grained fragmental volcanics. The rocks are highly sheared and much altered to, or replaced by, such minerals as sericite, chlorite, calcite, and pyrite. The belt is distinguished by the presence of copper showings, by the sheared nature of the rocks, and by the universal presence of pyrite. Oxidation has stained the bluffs red. The mineral deposits are quartz veins, up to 20 feet wide, and silicified zones, of uncertain widths, mineralized with chalcopyrite and pyrite. These strike northwesterly and appear to have steep dips. On the Red Point claims, chalcopyrite is present in surface exposures in amounts so scanty that the distribution and limits of the mineralization cannot readily be ascertained. On the other claims farther up the slope there is more chalcopyrite in definite silicified zones, but the amount is still small. One such zone, sampled at the 2,950 foot elevation across a partial width of 6 feet, 6 inches, assayed: gold, trace; silver, 0.6 ounce a ton; copper, 0.8%. A large vein extends northwest from the Red Point through the Combination and into the Dan Patch claim group. The vein consists of

see Card 2

A crosscut adit was driven from the base of the Red Point bluff in a N20°W direction for 590 feet, where it turns northwesterly for a further 430 feet. Only sparse chalcopyrite mineralization was encountered in this work and the option was dropped in the fall of 1927.

The Kitsaul group of 6 claims, the Kitsaul Nos. 1 & 2, Sportsman, Maud McPhee, and Sunset Nos. 1 & 2, were owned by A.D. McPhee & associates, of Seattle, in 1916. Some open cutting was reported at this time on the Kitsaul claims, which adjoin the Red Point claims on the east. A later survey of the claims showed this work had been done on the adjoining Bonanza Fraction claim. Utility Mines (Number One), Limited held the Kitsaul and Tiger properties in 1928 but no work was reported on the Kitsaul property at that time.

Torbrit Silver Mines, Limited obtained leases on the Red Point and Kitsol groups, totalling 8 claims, in about 1948. No work was reported on these claims by the company. These claims

see Card 2

Associated minerals or products - Silver,
Minéraux ou produits associés

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 59, 75, 76, Geol. Surv. of Canada, 1935.

Black, J.M.; Red Point, Combination, Racehorse, Dan Patch; Report of Minister of Mines, British Columbia, 1951, p. 98.

Reports of Minister of Mines, British Columbia:
 1913, pp. 79, 81, 82; 1916, pp. 77, 80, 81; 1926, p. 82; 1927, pp. 77, 39 b; 1930, p. 96; 1931, p. 38; 1934, p. B 17; 1948, p. 71.

Mineral Policy Sector; Corporation Files: "Utility Mines (Number One), Limited"; "Torbrit Silver Mines, Limited"; "Dolly Varden Mines Ltd."

Carter, N.C.; Red Point, Copper Cliff, etc.; Geology, Exploration, and Mining, British Columbia Dept. of Mines, 1970, p. 81.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1972, pp. 506, 507; 1973, p. 489.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geology of Upper Kitsault Valley Area, Sc. 1":2,250 feet - accomp. Report of Minister of Mines, British Columbia, 1951, p. 79.

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

Geology of the Red Point, Copper Cliff, Dan Patch, etc., claim groups, Sc. 1":2,000 ft., Fig. 6, Geology, Exploration, and Mining, 1970, p. 83.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	03-69	11-74	08-76				

PRODUCT COPPER PRODUIT	PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 P/12 RÉGION DU S.N.R.C.	REF. CU 7 RÉF.
NAME OF PROPERTY RED POINT, KITSOL, COMBINATION, DAN PATCH NOM DE LA PROPRIÉTÉ (RACEHORSE)	HISTORY OF EXPLORATION AND DEVELOPMENT (continued) HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR			
DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)	formed a part of the property sold by Torbrit Silver Mines to Dolly Varden Mines Ltd. in 1961.			
quartz, and locally many rock fragments, is up to 20 feet wide, and is locally well mineralized with pyrite and chalcopyrite. The deposit was apparently formed by replacement and filling in a brecciated zone.	The Combination and Combination Fraction claims were prospected by the owners, Chas. Swanson & associates, during the period 1913 through 1916. Exploration work included open cutting and, at the 2,150 foot elevation, about 125 feet of crosscutting and drifting in one adit. These claims subsequently lapsed and the ground was restaked in about 1930 as the Combine and Combine Fraction claims by Miles Donald of Alice Arm; some exploration work was done on the showings in 1931; the claims subsequently lapsed. This ground, in part subsequently restaked as the Roan Antelope claims, was acquired by Dolly Varden Mines Ltd. in about 1963.			
The Kitsol vein, close to and paralleling the Kitsault River, occurs in Hazelton Group epiclastic volcanic rocks. The vein is typical of the Torbrit type, containing 1 inch barite crystals and featuring colloform banding of quartz and jasper. The vein also contains concentrations of pyrargyrite and native silver and averages 5 ounces of silver per ton over the entire vein length. One hole, drilled at a 45-degree angle, intersected a 50-foot core length of quartz-barite-jasper-marcasite vein material 300 feet vertically below the surface of the vein.	The Dan Patch (Racehorse) group was owned by Messrs. Swanson and Miner from 1913. In 1916 this group consisted of 5 claims, the Dan Patch, Nancy Hanks, Lou Dillon, Maud S, and Pony. Exploratory work was done in driving a 40 foot long crosscut adit at the 2,675 foot elevation. Four claims, the Dan Patch, Nancy Hanks, Lou Dillon, and Maude S (Lots 3825-3838 respectively) were Crown-granted to R.B. Lindsey & associates in 1921. The Dan Patch claim subsequently reverted to the Crown, and the other claims lapsed. This ground was in part restaked as the Hanks, Maud S, and Sable Fraction claims. Dolly Varden Mines Ltd. acquired the Dan Patch group in about 1963.			
On the Red Point Extension the irregular mineralization is called the V vein and consists of a fracture-controlled silicified zone. Silver values were also encountered in the 'Copper Belt' intrusive rocks.	Dolly Varden Mines Ltd. carried out geological mapping and a geochemical soil survey over 34 claims during 1970. Work on the Kitsol 1 and 2 claims (Lots 3814 & 3815) during 1972 and 1973 included geological mapping, trenching, and surface diamond drilling in 3 holes totalling 1,657 feet. On the Red Point and Roan Antelope claims a geochemical survey (7 samples), 200 feet of diamond drilling in 4 holes, and trenching on the V vein was carried out.			
	Royal Agassiz Mines Ltd. in 1975 acquired control of the company through the purchase of 1,000,000 Dolly Varden shares. Bulora Corporation Limited subsequently acquired control of Royal Agassiz Mines. During 1976 Dolly Varden Mines was reorganized under the name Silver Dolly Resources, placed in receivership through default on a debenture, and the property put up for sale.			