

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

Boulder (Homeguard) (Central), Canyon

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

approx. Lat. 55°39' Long. 129°29'30"

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 of the Copper Belt are fragmental volcanics, and crystalline rocks that are probably mainly intrusive. These rocks are altered to or replaced by such minerals as sericite, chlorite, calcite and pyrite. Rocks such as these are believed to underlie the claims between elevations of 800 and 1,700 feet. Below this ground the rocks are sediments and above they are felsites and breccias. The property is characterized by the presence of a number of very large mineralized boulders, some of which are extremely large, containing many hundreds of tons of mineralized volcanic rock. Mineralization of the boulders is erratic, ranging from fairly massive patches of chalcopyrite to areas of practically no sulphides a few feet further along the face of a boulder. The mineralization consists of pyrite and chalcopyrite in altered rock, closely resembling the mineralization found in other parts of the Copper Belt.

On the Canyon claim a shear zone strikes N70°E and dips 35 to 40° northwest in grey andesite. The shear contains veins of quartz mineralized in places with pyrite, chalcopyrite, and traces of galena, all of average low values, although some high assays in silver have been reported.

Associated minerals or products - Silver.
Minéraux ou produits associés

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

The Homeguard property is located at about the 1,000 foot elevation on the east side of the Kitsault River, just north of Stark Creek, about 11½ miles north of the community of Alice Arm. The Canyon claim lies to the north and adjoining.

The Central group in 1916 consisted of 5 claims, the Homeguard, Traveller, Central, Canyon Bay and Canyon Bay No. 2. On the Homeguard and Traveller claims exploration work had been done in open cuts and 2 adits; on the Canyon Bay claim a tunnel had been driven 15 feet on the vein. The property was optioned by the Granby Consolidated Mining, Smelting and Power Company, Limited in about 1917 and diamond drilling was done in 4 or 5 holes from the face of a showing, which proved to be immense boulder of ore; the option was subsequently dropped. The owners resumed intermittent exploration work in an effort to find the source of the boulders. In the initial work on the property the lower adit was driven for 30 feet along the side of a boulder of ore; the upper adit was driven 130 feet, the first 20 feet being through a boulder of ore.

In 1919 the Central group consisted of 3 claims, the Homeguard, Traveller and Central, owned by Wm. McFarlane, Dan Kennedy, and associates of Alice Arm. The Canyon claim, adjoining the Central group on the north was owned in 1924 by Wm. McFarlane and George Bruggy, of Alice Arm. Late in 1928 the Dalhousie Mining Company, Limited optioned the Central group (now known as the Homeguard) and in 1929 prospected the claims by a Radiore electrical survey. No further work was reported and the option was apparently dropped.

The Boulder group of 11 claims was located by Torbrit Silver Mines, Limited in 1955. Most of the Homeguard showings were covered by two claims, the Torbrit Nos. 2 and 4. In 1955 a geophysical (resistivity) survey was carried out and 670 feet of diamond drilling was done to test one of the anomalies. During 1956 a program of mapping and trenching was carried out and a further 1,370 feet of diamond drilling was done. The results were not encouraging and the claims were apparently abandoned. The showings were subsequently restaked as the Homeguard 1-8 claims. Silver Butte Mines Ltd. acquired a one-fifth interest in the property from Inge Fiva, of Alice Arm. Homeguard Mines Ltd. was incorporated in February 1971 to acquire the property from T.S. MacKay, S.J.O. McClay, A. Robertson, of

p.t.p.

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

Vancouver, and Gunn Fiva, of Alice Arm. Work by Silver Butte Mines during 1971 included geological mapping, a magnetometer survey of all the claims, and 120 feet of trenching on Home-guard 1-3 claims.

REFERENCES/BIBLIOGRAPHIE

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 57, 67, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia:

1916, p. 84; 1919, p. 52; 1920, p. 47; 1922, p. 61; 1923, p. 61; 1924, p. 54; 1928, p. 85; 1929, p. 85; 1955, p. 20; 1956, p. 21.

Mineral Policy Sector; Corporation Files: "Torbrit Silver Mines, Limited"; "Consolidated Silver Butte Mines Ltd."; "Homeguard Mines Ltd.".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 89; 1971, p. 124.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Geology of the Royal, E and D, and Homeguard, Sc. 1":2,000 feet, Fig. 7, Geology, Exploration, and Mining, 1970, p. 88.

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

REMARKS/REMARQUES

Comp./Rev. By
 Comp./rév. par

Date
 Date

08-68	08-71	11-74					
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