

PRODUCT  
PRODUIT

COPPER

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

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

REF. CU 6  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

MONARCH

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 55°34' Long. 129°16'

Lat. 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 country rock consists of breccia and finer grained fragmental volcanics of the Hazelton group. To the east of a small lake at the head of the river a westerly dipping mineralized zone has been traced for about 250 feet. At the south end, where it is 10 feet wide, it terminates against a west-striking fault with a 50°N dip. The mineralized zone decreases in width on the north end, where it is only a few feet wide and is transected by northeast-striking faults. Irregular lenses of country rock are present within the wider sections of the zone. The zone is locally well mineralized with tetrahedrite, sphalerite, chalcopyrite, galena, and pyrite in a quartz-calcite-barite gangue. A chip sample across 10 feet of the vein material assayed: Gold, trace; silver, 2.5 ounces a ton; copper, 2.92%; lead, 0.48%; zinc, 1.7%.

Northeast of the Monarch showing at an elevation of 4,250 feet a 3-foot-wide quartz-carbonate-barite vein containing small amounts of galena, sphalerite, and tetrahedrite is exposed over a distance of 10 feet.

Associated minerals or products - Silver, zinc, lead, barite.  
Minéraux ou produits associés

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located at the head of the Illiance River, 10½ miles northeast of the community of Alice Arm. The showings outcrop at the 3,800 foot elevation just east of a small lake at the head of the river.

The Monarch group of 4 claims was owned by J.E. Stark and F.E. Juggins from prior to 1915. The property was under bond in 1915 to T.F. Hopkins, of Seattle, who carried out exploration and development work in open cuts and a crosscut adit. The owners resumed work on the property in 1916 and during the year open cutting was done on the east-west fault against which the vein terminates. By 1918 the property had been reduced to 2 claims, the Monarch and Monarch No. 2. The property was acquired by W.B. Bower & Associates, of Anyox, in about 1919 and some work was done in trenching to trace the vein farther north. In 1921 the property was optioned by Messrs. Bone and Hodgson. During the year further open cutting was done on the east-west fault and further crosscutting was done in the adit; the option was subsequently dropped.

The crosscut adit was driven easterly from a point near the south end of, and about 100 feet below, the vein outcrop. In the initial work the adit was driven 144 feet east and then turned north for 20 feet. During 1921 a branch crosscut was driven northerly for 42 feet from a point 90 feet from the portal of the adit. The crosscuts found nothing but 2 or 3 little, slightly mineralized, northerly striking, quartz-calcite seams. The reports of this work suggest that the crosscut was apparently started too far south and was probably driven on the footwall side of and underneath the east-west fault against which the mineralized zone terminates.

A small amount of work was done on the property by Mr. Bower during the period 1921 to about 1930, after which the claims apparently lapsed. The Monarch group of 7 recorded claims was owned by S. Uruski, of Courtenay, in 1965. This claim group covered the original Monarch showing and extended westerly to cover ground that apparently was in 1918 a part of the Silver Bell group.

Ponder Oils Ltd. optioned the property, comprising 6 recorded claims, from Gunn Fiva and Stanley Uruski, of Alice Arm, in 1967; several adjacent claim groups were also optioned for a total of 38 recorded claims. Diamond drilling in 2 holes on the Monarch group failed to indicate any appreciable depth or width of the mineralized zone.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:  
 1915, p. 70; 1916, p. 74; 1918, p. 72; 1919, p. 59;  
 1921, p. 56; 1930, p. 90; 1965, p. 66; 1967, p. 49;  
 1968, p. 65.

Hanson, George; Portland Canal Area, British Columbia;  
 Memoir 175, p. 73, Geol. Surv. of Canada, 1935.

Mineral Policy Sector; Corporation Files: "Ponder Oils  
 Ltd.".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Geology of the Monarch, Silver Bar, Silver Bell, Silver Groups,  
 Sc. 1":½ mile, Fig. 12 - accomp. Report of Minister of  
 Mines, 1968, British Columbia Dept. of Mines.

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

REMARKS/REMARQUES

See: Silver Bar - Area 103 P/11, Ref. AG 5.

Comp./Rev. By Comp./rév. par							
Date Date	05-68	11-74					