

## NAME OF PROPERTY

RED WING (REDWING)

OBJECT LOCATED - Upper Adit.

UNCERTAINTY IN METRES 300. Lat. 55°22'50" Long. 129°53'00"

Mining Division Skeena District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

## OWNER OR OPERATOR

## DESCRIPTION OF DEPOSIT

Volcanic and sedimentary rocks which underlie most of the Granby Bay area form a large inclusion in the granitic matrix of the Coast Range complex. The surrounding granitic rocks are generally coarse-grained granodiorites which grade variably between hornblende quartz diorite and leucocratic quartz monzonite. The volcanic rocks in the Granby Bay inclusion consists largely of altered, pillowed, and massive andesites, some banded crystal tuffs, and massive basic sills. The volcanics have been intruded by small gabbroic plugs and various dykes. The overlying sediments include thinly striped argillites, colour-banded dark siltstones, dark sandstones, and minor limestone as lenses. The main contact is usually sharply defined, and is apparently conformable, although complicated by involved concentric folding.

Grove, GEM 1972, describes the Red Wing deposit as: "a zone of massive sulphide mineralization localized within andesitic pillow lavas near an overlying contact with a thinly bedded siltstone-greywacke sequence. These units have been correlated see Card 2 ....

Associated minerals or products - Silver, zinc.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 1,900 foot elevation on the north side of Tauw (Glacier) Creek,  $3\frac{1}{2}$  miles southwest of Anyox. The Red Jacket, Red Wing, and Red Fraction claims, Lots 1991-1993 respectively, were staked on the showing by J. McGrath in 1909. Pacific Metals Company, Limited purchased the property and during the period 1911-1913 inclusive put down several diamond drill holes and carried out 120 feet of underground work in one adit at the 1,950 foot elevation; the claims were Crown-granted to the Company in 1913.

The property was reportedly owned in 1932 by G. Bower and associates. No work was reported at that time.

The Consolidated Mining & Smelting Company of Canada Limited carried out an electromagnetic survey of this and a number of other properties in the vicinity of Anyox during 1954; the company had purchased these properties in 1937 or later. Magnum Consolidated Mining Co. Ltd. optioned the claims in 1963 and during 1964 a total of 399 feet of diamond drilling was done in 3 holes from the old adit.

Canusa Mines Limited optioned the property in 1965 and began a new adit (No. 2) at the 1,825 foot elevation. The adit was driven to a length of 180 feet and underground diamond drilling was done in 5 holes totalling 570 feet.

In 1966 Anaconda American Brass Limited optioned a total of 126 claims from Canusa Mines, including the 3 Crown-grants and one mineral lease; the remaining claims are held by record. During the year the lower adit was extended a further 770 feet to a total length of 950 feet. Diamond drilling from the adit was done in 18 holes totalling 5,622 feet. This work outlined an estimated reserve of 200,000 tons grading 2% copper with some silver and zinc (NM 6/04/67).

Work by Anaconda during 1967 included geological, geophysical, and geochemical surveys, and surface diamond drilling in 4 BX wireline core holes totalling 3,463 feet. The option agreement was terminated in November 1967.

The company name (Canusa) was changed in 1969 to Interplex Mining & Industrial Ltd. Hogan Mines Ltd. optioned the 3 Crown-grants and 81 recorded claims (CM group) from Interplex in April 1971. Work during the year included airborne magnetometer and electromagnetic surveys covering all the claims.

see Card 2 ....

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia:  
 1911, p. 65; 1913, p. 422; 1914, p. 148;  
 1932, pp. 53-55<sup>+</sup>; 1954, p. 85; 1963, p. 13;  
 1964, p. 45; 1965, pp. 59-61<sup>++</sup>; 1966, pp. 41-43<sup>+++</sup>; 1967, p. 41.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 103, Geol. Surv. of Canada, 1935.

McConnell, R.G.; Portions of Portland Canal and Skeena Mining Divisions, Skeena District, B.C.; Memoir 32, p. 91, Geol. Surv. of Canada, 1913.

Mineral Policy Sector; Corporation Files: "Magnum Consolidated Mining Co. Ltd."; "Anaconda American Brass Limited"; "Bow River Resources Ltd."; "Interplex Spa Industries Ltd.".

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1971, p. 120; 1972, p. 503.

Geological Fieldwork; British Columbia Dept. of Mines: 1985, p. 211.

Exploration in British Columbia; BCDM: 1982, p. 372.

MAP REFERENCES

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

#Geology of the Anyox Area, Sc. 1":2 miles, Fig. 8, Report of Minister of Mines, British Columbia, 1965, p. 58.

Underground exploration at the Red Wing, Sc. 1":160 ft. (approx.), Fig. 7, Report of Minister of Mines, British Columbia, 1966, p. 43.

\*Map 103 P/5, Observatory Inlet, (Topo.), Sc. 1:50,000.

Geology of the eastern Anyox pendant, Sc. 1 cm:0.9 km, Fig. 29-1, Geological Fieldwork, 1985, p. 212.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	2-79	08-86					

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## DESCRIPTION OF DEPOSIT (continued)

by the writer with Middle Jurassic units north of Stewart (Grove, Bull. 58, p. 1971). Recent studies suggest that like other massive sulphide deposits in the Anyox and the Red Wing mineralization has a volcanogenic origin."

The mineralization is in a chlorite schist shear zone about 400 feet west of the volcanic-siltstone contact. The zone trends northward with a steep east dip, and roughly parallels the volcanic-sedimentary contact. Work to 1965 indicated the shear zone has a width of from 60 to 100 feet, and had been traced about 200 feet along strike. Results of the 1964 and 1965 drilling have outlined two major mineralized zones or lenses within the shear and suggest continuity between the two adit levels. The lenses appear to trend northward, dip steeply east, and plunge to the northeast at a high angle. Subsequent work has indicated a lenticular (plan shape) body with a probable long vertical axis. The plan length would be 200 feet with an average width of 20 feet.

The mineralization as outlined in No. 1 adit and by the drilling consists of disseminated to crudely banded massive pyrite, pyrrhotite, and chalcopyrite with some brown sphalerite. Massive sulphides form zones which range in width from 10 to 25 feet and are gradational with disseminated sulphides in the enclosing schists.

## HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

The company name (Interplex) was changed in August 1971 to Interplex Spa Industries Ltd. The company name (Hogan Mines) was changed in January 1972 to Bow River Resources Ltd.

During 1972 Bow River carried out ground magnetometer and electromagnetic surveys over the CM 7-11 and 38 claims. This work outlined two coincident magnetic and turam anomalies; diamond drilling of these was carried out in September 1972 with inconclusive results. The option was terminated in 1973.

Drilling on the mineralized zone has shown a lenticular body with a probable long vertical axis and a potential of 350 tons per vertical foot. A rough estimate of grade is 1.84% copper, and 0.86 ounce silver per ton (Hogan, J.W. 17/03/71 - in VSE SMF 11/02/72, Bow River Res L).

In the 1970's when the options and sub options had expired the property reverted to Consolidated Mining and Smelting, now Cominco Ltd. In 1982 several properties held by Cominco in the Anyox area were investigated by Mitsubishi Metal Corp under a joint venture agreement. Imperial Metals Corporation held adjacent ground in 1982; work under a joint venture agreement with Procan Exploration Company included airborne geophysical surveys.