

NAME OF PROPERTY

DOUBLE ED (SAX)

OBJECT LOCATED - Mine symbol, Map 103 P/5.

UNCERTAINTY IN METRES 300. Lat. 55°24'45" Long. 129°52'35"

Mining Division Skeena District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR

Cominco Ltd.

DESCRIPTION OF DEPOSIT

Jurassic 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 showings consist of several steeply dipping zones which are siliceous pyrite replacements of sheared andesite flows. Disseminated chalcopyrite is also present in these zones.

Associated minerals or products - Zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Double Ed showings are located at the 1,000 foot elevation on the west side of Bonanza Creek, about 3 miles west of Anyox.

The Double Ed and Ed (Eden? - 103 P/5, CU 9) groups were staked by The Consolidated Mining & Smelting Company of Canada Limited in 1935. Work on both groups during the year included geophysical surveys, trenching, and 3,905 feet of diamond drilling. On the Double Ed group an electromagnetic survey and 17,100 feet of diamond drilling was carried out in 1954. A road was completed from Granby Bay to the Double Ed property in 1957. Geophysical work was reported on the Sax group in 1958. Underground work began in 1959 in a crosscut adit at about 500 feet elevation on the west bank of the creek. The adit was completed in 1960 at a length of 2,874 feet. Diamond drilling from the adit totalled 14,224 feet. Work ceased in June 1960 and the equipment was removed. Reserves have been reported as 3,628,800 tonnes at 1.0% copper and 0.6% zinc (Geological Fieldwork, 1985, p.213).

The company name was changed in 1966 to Cominco Ltd. In 1976 a geochemical rock sample survey was carried out over the Double Ed 2-16 claims.

Imperial Metals Corporation held adjacent ground in 1982; work under a joint venture agreement with Procan Exploration Company included airborne geophysical surveys.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines; British Columbia:
 1953, p. 92; 1954, p. 85; 1956, p. 22⁺; 1957,
 p. 8; 1958, p. 74; 1959, p. 10; 1960, p. 10⁺⁺;
 1965, p. 57⁺⁺⁺.

Geology, Exploration, and Mining; British Columbia Dept.
 of Mines: 1976, p. E-164.

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.

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

Lead-Zinc Deposits, British Columbia & Neighbouring Parts of
 the U.S., Sc. 1":40 miles, Fig. 14, Canadian Institute
 of Mining & Metallurgy, Special Volume No. 8, 1966.

Geology of the eastern Anyox pendant, Fig. 29-1, Geological
 Fieldwork, 1985, p. 212.

REMARKS

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