

NAME OF PROPERTY	DUNDEE		
OBJECT LOCATED - adit.			
UNCERTAINTY IN METRES	100.	Lat. 49°17'03"	Long. 117°11'30"
Mining Division	Nelson	District	Kootenay
County	Township or Parish		
Lot	Concession or Range		
Sec	Tp.	R.	

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property is underlain by the Lower Jurassic (?) and older Ymir Group sediments, consisting of slates, argillites and argillaceous quartzites. The contact with the main mass of the Nelson batholith (Lower Cretaceous ?) occurs about 1/4 mile to the east. The Dundee vein, a strong fault fissure striking N60 to 70° east and dipping 60 to 70° northwest, is traceable for several thousand feet and parallels the Yankee Girl vein. The vein is intersected by, and offset by, several lamprophyre dykes. The drift encountered an ore shoot, about 100 feet long, near the face, and this shoot was found to lie immediately to the west of a fault striking N25 to 30° east and dipping northwest at 50 degrees. Where the ore shoot occurred the foot-wall rock is a fine-grained granitic tongue from the main mass of Nelson granite.

The ore-bearing section of the vein has a maximum width of 14 feet and is made up of sheared fragments of country rock cemented with quartz and traversed by veinlets of quartz. The sulphides are pyrite, galena, and sphalerite.

Associated minerals or products of value - Silver, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 3,000 feet elevation on the north side of Oscar Creek, 1/2 mile east of Ymir.

Dundee Gold Mining Company, Limited Liability, was incorporated in December 1896 by Charles Dundee and associates of Rossland to develop the property, one of the first to be worked in the Ymir area. The Parker, Old Bill, and Lighthart claims (Lots 1861-1863) were Crown-granted to the company in 1897, and the Annie Fraction (Lot 3849) and White Pine (Lot 4004) in 1902. Intermittent development work comprising a 260 foot shaft and some 415 feet of cross-cuts and drifts was carried out from 1897 to 1902. In 1898 a concentrator and tram line were erected and put into operation but were destroyed by fire in April 1899.

Vancouver interests were negotiating for the property in 1903. Dundee Gold Mine, Limited was incorporated in Vancouver in July 1904 to acquire the property. Some rehabilitation work was done in 1903 and lessees worked for a short period in 1905.

The Dundee, Dundee Fraction, and M.S. claims (Lots 7241-7243) were Crown-granted to Dundee Gold Mining and Milling Company, of Everett, Washington, which was registered in British Columbia in 1905. The location of these claims relative to the Dundee property is not known.

Work resumed in June 1910 when an adit "Dundee adit" was begun on the Old Bill claim some 900 feet below the collar of the shaft. By 1915 when work ceased the adit had been driven as a crosscut for 1,862 feet, and for 1,092 feet of drifting on the vein.

The Mining Corporation of Canada, Limited optioned the property late in 1919 and some exploration work was carried out in 1920. The option was dropped in 1921.

Ymir Dundee Gold Mining Company, Limited, incorporated June 1934, acquired the property under agreement from Dundee Gold Mine, Limited and development work was begun in driving a raise. Operations continued until mid 1935.

Ymir Yankee Girl Gold Mines, Limited, owner of the adjacent Yankee Girl mine, acquired a lease and bond on the property early in 1940. A crosscut was begun from the Yankee Girl main (1235) level to connect with the raise from the Dundee adit. Some 2,166 feet of drifting, 389 feet of crosscutting and 722 feet of raising on the Dundee supplied

see Card 2

HISTORY OF PRODUCTION

Recorded production from the Dundee for the period 1899-1951 totals 2,995 tons of ore. From this ore 993 ounces of gold, 15,180 ounces of silver, 450,409 pounds of lead, and 466,899 pounds of zinc were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1897, pp. 531, 572, 573; 1899, pp. 691, 713; 1902, pp. 296, 302; 1903, p. 147; 1904, p. 125; 1905, p. 167; 1906, p. 251; 1910, p. 106; 1911, p. 159; 1912, p. 154; 1913, p. 132; 1914, p. 329; 1915, p. 151; 1934, p. E-7; 1935, p. E-28; 1940, p. 67; 1941, p. 66; 1942, p. 62; 1950, p. 120.

Drysdale, C.W.; Ymir Mining Camp, British Columbia; Memoir 94, p. 109, Geol. Surv. of Canada, 1917. +

Cockfield, W.E.; Lode Gold Deposits of Ymir-Nelson Area, British Columbia; Memoir 191, p. 25, Geol. Surv. of Canada, 1936. ++

Galloway, John D.; Lode Gold Deposits of British Columbia; Bulletin No. 1, 1932, p. 104, British Columbia Dept. of Mines.

McConnell, R.G.; Dundee Mine; Annual Report, Vol. 10, 1897, p. 32 A, Geol. Surv. of Canada.

Mineral Development Sector; Corporation Files: "Ymir Dundee Gold Mining Company, Limited"; "Ymir Yankee Girl Gold Mines Limited"; "Yankee Dundee Mines Limited"; "The Mining Corporation of Canada, Limited"; "Burlington Gold Mines Ltd."; "Dundee Mines Limited".

MAP REFERENCES

Map 51-4 A, Ymir, (Geol.), Sc. 1": $\frac{1}{2}$ mile - accomp. Paper 51-4, Geol. Surv. of Canada.

#Map 1144 A, Ymir, (Geol.), Sc. 1":1 mile (1964).

Map 175 A, Ymir, (Geol.), Sc. 1":1 mile - accomp. Memoir 94.

Map 8480 G, Nelson, (Aeromag.), Sc. 1":1 mile.

*Map 82 F/6 E, Nelson, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	7-76						

PRODUCT

GOLD

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 82 F/6

Card 2 -
REF. AU 10

NAME OF PROPERTY

DUNDEE

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

most of the ore milled during 1941 and to the end of February 1942 when the mine closed. Lessees owned pillar and stope remnants in 1950. The workings to date comprised 8 levels over a vertical range of 1,000 feet.

Yankee Dundee Mines Limited was incorporated in November 1952 by Ralph Sostad and associates to develop the Yankee Girl and Dundee mines, however no work was reported on the Dundee. The company name was changed in 1963 to Dundee Mines Limited.

Burlington Mines Ltd., of which Ralph Sostad was a director, acquired 36 claims comprising the Dundee and Yankee Girl properties from Dundee Mines Limited by an agreement dated July 1966. No work was reported on the Dundee.