

NAME OF PROPERTY		TERRITORY		N.T.S. AREA		REF. 2N 5	
RED BIRD							
OBJECT LOCATED—Centre of Lead Pot claim (Lot 13465).				HISTORY OF EXPLORATION AND DEVELOPMENT			
UNCERTAINTY IN METERS -100.		Lat. 49°01'	Long. 117°23'15"	The main showings are at elevations of 2,500 to 3,000 feet on the north side of Red Bird Creek about 1 mile south-southwest of the junction of the Pend D'Ouille and Salmo Rivers.			
Mining Division	Nelson	District	Kootenay	The Red Bird group, comprising the Red Bird, Lead Pot, and Lead Cup claims, was owned in 1924 by S. Coulter and A.J. Campbell, of Ymir. Conrad Wolfe and associates optioned the claims in 1925 and incorporated the Red Bird Mining Company, of Spokane. Additional staking was done to a total of 17 claims. Over 1,000 feet of underground exploration work during the 1925-1927 period gave disappointing results. A controlling interest in Red Bird Mining was acquired by a Vancouver syndicate who during 1928 extended the lower adit several hundred feet and carried out a small amount of diamond drilling. The syndicate in February 1929 incorporated Boundary Basin Mines, Limited. No work was reported by the company. The workings at that time comprised a lower adit some 1,200 feet long, and at higher elevations 2 short adits, a 35 foot shaft, and open cuts. Sixteen claims and fractions, including the Lead Cup (Lot 13466), Lead Pot (Lot 13465), and Red Top (Lot 14148), were Crown-granted to Boundary Basin Mines in 1932 and 1934.			
County		Township or Parish		Hecla Mining Company, of Wallace, Idaho, purchased the property in 1944. Work by the company included geological mapping and limited surface work in 1947, and bulldozer stripping and 427 feet of diamond drilling in 2 holes in 1958. Cominco Ltd. optioned the property in 1961. Work during 1961-1962 included 692 feet of drifting and cross-cutting, and 4,092 feet of diamond drilling in 2 holes.			
Lot		Concession or Range		Reeves MacDonald Mines, Limited obtained a lease-option agreement from Hecla in 1973 and a program of exploration was begun to test for the projected westerly extension of the Annex zone in Red Bird ground. The program included a westerly lateral and diamond drilling from the 800' level of the Reeves mine. This work was successful in locating the faulted extension of the Annex zone. In 1974 some 212 feet of crosscutting and drifting and 3,408 feet of diamond drilling was done as part of the development program. Some 1,700 tons of development ore was milled. Further develop-			
Sec		Tp.	R.	Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa			
OWNER OR OPERATOR AND ADDRESS				511848 *			
DESCRIPTION OF DEPOSIT							
The showings occur in dolomitized zones in the Reeves limestone. A gossan of soft earthy material locally contains hard nodules a few inches across which are brown and limonitic or whitish and contain recognizable secondary zinc and lead minerals. Rusty nodules from the dump of No. 4 adit assayed: silver, 0.1 oz. per ton; lead, 0.25%; and zinc, 7.0%. The oxidized material extends to about 1,000 feet below the surface.							
Hecla Mining Company maps show a continuous mineralized zone in No. 1 adit about 600 feet long and ranging from 1 to 20 feet wide. This mineralized zone is parallel to the attitude of the rocks exposed on the surface and is terminated on the west by a fault. In this zone, grades as high as 30 per cent combined lead and zinc are reported, the grade of the zinc being generally much higher than that of the lead.							
Associated minerals or products of value - Lead, silver.							

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

ment was deferred due to the marginal character of the ore (Hecla Operating Company, 1974 AR).

Hecla Mining Company continued to hold 16 Crown-granted claims. Golden Eye Minerals Ltd in 1985 acquired an option on a 80% interest in the property from Diem Mines, Limited, a Canadian subsidiary of Hecla Mining Company. Late in 1985 Golden Eye gave Teck Corporation an option.

MAP REFERENCES

Geological Map of the Red Bird Property, Figure 15, p. 136, Bulletin No. 41, British Columbia Dept. of Mines, 1959.

Geology of the Salmo Lead-Zinc Area, Sc. 1":2,000 ft., Figure 3, Sheet B - Bulletin No. 41, British Columbia Dept. of Mines.

Map 1145 A, Salmo, (Geol.), Sc. 1":1 mile.

Map 82 F/3 W, Salmo, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR	DMacR				
Date	12-73	7-76	01-86				

REFERENCES

Fyles, T.J., and Hewitt, G.G.; Stratigraphy and Structure of the Salmo Lead-Zinc Area; Bulletin No. 41, pp. 135-138, British Columbia Dept. of Mines, 1959.

Walker, J.F.; Geology and Mineral Deposits of Salmo Map-Area, British Columbia; Memoir 172, p. 61, Geol. Surv. of Canada, 1934.

Reports of Minister of Mines, British Columbia: 1924, p. 193; 1925, p. 248; 1926, p. 282; 1927, p. 315; 1928, p. 350; 1929, p. 355; 1958, p. 40; 1961, p. 72; 1962, p. 77.

Mineral Policy Sector;Corporation Files: "Red Bird Mining Company"; "Hecla Mining Company"; "Reeves MacDonald Mines, Limited"; "Golden Eye Minerals Ltd".

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1974, p. 68.

George Cross News Letters: 10/06/85; 7/11/85.