

PRODUCT	COPPER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	92 I/9	REF.	CU 2
NAME OF PROPERTY	EVENING STAR (GALAXY COPPER)			HISTORY OF EXPLORATION AND DEVELOPMENT			
OBJECT LOCATED - Evening Star shaft.	UNCERTAINTY IN METRES 200. Lat. 50°38'35" Long. 120°25'20"			<p>The property is located at Galaxy Lake approximately 4 miles west-southwest of Kamloops.</p> <p>Workings on the Golden Star claim (Lot 845) in 1899 included open cuts, shallow shafts, and an 86 foot long adit. The claim was Crown-granted to The Kamloops Copper Mining Company Limited in 1900.</p> <p>Workings on the Evening Star claim (Lot 1013 G. 1) in 1899 included open cuts, pits, and a short adit. During 1905-06 a shaft was sunk to 90 feet and 20 feet of drifting carried out at the 56 foot level. In 1906 the Evening Star group comprised 3 claims, the Evening Star, Golden Star, and Bill Nye, owned by J.H. Morrison, A.S. McArthur and J.M. Harper. The Evening Star claim was Crown-granted to the above in 1912. The Granby Consolidated Mining, Smelting and Power Company, Limited is reported to have optioned this and other nearby properties in 1916 and carried out diamond drilling. Some ore was shipped by the owners in 1916-17.</p> <p>No further activity was reported until 1956 when Galaxy Minerals Ltd. acquired 46 located claims and 6 Crown-granted claims, including the Evening Star and Golden Star. Trenching and 1,447 feet of diamond drilling was carried out during 1956-57. Exploration work was resumed in 1961 and geophysical surveys, trenching, and extensive diamond drilling were carried out. The company name was changed in 1964 to Galaxy Copper Ltd. Vanco Explorations Limited optioned the Galaxy ground and a number of adjacent properties in 1965. Geophysical, geochemical, and geological surveys and some diamond drilling was carried out by Sulmac Exploration Services Limited on Galaxy ground. The option was dropped in May 1966. Galaxy Copper Ltd. amalgamated with Bata Resources Ltd. and Stampede Oils Ltd. to form United Bata Resources Limited in October 1968.</p> <p>By an agreement dated Jan. 1, 1969 United Bata optioned a 50% interest in the property to Kimberley Copper Mines Ltd. Work by Kimberley during the latter part of 1969 included rehabilitation of the old Evening Star shaft and drifting to the south, east, and north at 80 feet below the shaft collar; a total of 620 feet of drifting was reported. Surface diamond drilling was done in 16 holes totalling 5,000 feet. This work confirmed: "4,000,000 tons proven and 2,000,000 tons indicated of mineralization which has an average assay value of 0.58% copper" (United Bata Resources Limited, Report, May 15, 1969). see Card 2</p>			
Mining Division Kamloops District County Township or Parish Lot Concession or Range Sec Tp. R.							
OWNER OR OPERATOR AND ADDRESS							
DESCRIPTION OF DEPOSIT	<p>The showings occur within the Iron Mask batholith. In the vicinity of the Evening Star shaft a zone, consisting largely of altered volcanic rocks, extends northwesterly with a maximum width of 500 to 600 feet. The zone contains widespread strong albitic alteration. Sections of copper mineralization within the zone appear to be highly variable and irregular. The south-west edge of the zone is truncated by a fault which appears to have a vertical or steep dip. The altered volcanics bottom at a depth of approximately 100 to 350 feet below the surface. Microdiorite, considered to be part of the Cherry Creek intrusives, is found on both sides and beneath the zone of altered volcanic rock.</p>						

Associated minerals or products of value

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

During 1916-17, 53 tons of ore were shipped from the Evening Star claim. From this ore 29 ounces of silver, and 5,628 pounds of copper were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia:

1899, pp. 731, 732; 1900, p. 991; 1902, p. 191;
 1903, p. 180; 1904, p. 231; 1905, p. 195; 1906,
 p. 174; 1908, p. 122; 1912, p. 327; 1913, p. 188;
 1916, pp. 216, 518; 1917, p. 450; 1956, p. 57;
 1961, p. 46; 1962, p. 59; 1963, p. 58; 1964, p. 97;
 1965, p. 158; 1966, p. 148; 1967, pp. 137-141, 142-
 144⁺.

Cockfield, W.E.; Geology & Mineral Deposits of Nicola Map-
 Area, B.C.; Memoir 249, p. 108, Geol. Surv. of Canada,
 1948.

Geology, Exploration and Mining; British Columbia Dept.
 of Mines: 1969, p. 235; 1971, p. 296; 1977, p. E 152.

Mineral Policy Sector; Corporation Files: "Galaxy Copper
 Ltd."; "Vanco Explorations Limited"; "Nor-West Kim
 Resources Ltd."; "Pan Ocean Oil Ltd."; "Abermin
 Corporation".

MAP REFERENCES

Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp.
 Memoir 249.

Preliminary Map 44-20 A, Nicola, Sc. 1":2 miles - accomp.
 Paper 44-20, Geol. Surv. of Canada.

*Map 92 I/9, Kamloops, (Topo.), Sc. 1:50,000.

#Galaxy Copper Ltd. Plan showing surface cuts and diamond-
 drill holes, Sc. 1":400 ft., Fig. 14, Report of
 Minister of Mines, British Columbia, 1967, p. 143.

Map 5216 G, Kamloops, (Aeromag.), Sc. 1":1 mile.

Eastern Part of the Iron Mask Batholith, Sc. 1":3,000 ft.,
 Fig. 3, #6, accomp. Report of Minister of Mines,
 British Columbia, 1956.

REMARKS

Comp./Rev. By	DMacR	DMacR	DMacR				
Date	8-78	02-82	05-86				

PRODUCT

COPPER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 92 I/9

- Card 2 -
REF. CU 2

NAME OF PROPERTY

EVENING STAR (GALAXY COPPER)

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

United Bata was acquired as a subsidiary of Pan Ocean Oil Corporation. The option agreement with Kimberley Copper was transferred to a new subsidiary, United Bata Resources (Canada) Ltd., which was incorporated in December 1970. The latter company name was changed in July 1971 to Pan Ocean Oil Ltd.

Kimberley Copper Mines underwent a change of name in February 1971 to Nor-West Kim Resources Ltd. Work under the option agreement was resumed in 1971. The northwest drift was extended to a point 1,200 feet northwest of the shaft where a raise was put up 102 feet to the surface. A total of 1,316 feet of drifting, 4,374 feet of surface and 1,074 feet of underground diamond drilling was carried out, all on the Evening Star claim; the option was subsequently abandoned.

Pan Ocean optioned the property to Canadian Superior Exploration Limited, who during 1977 carried out a magnetometer survey, and percussion drilling 731 metres in 8 holes.

Aberford Resources Ltd was incorporated in April 1982 to acquire the mineral assets of Pan Ocean Oil and of other companies. Aberford in October 1985 incorporated Abermin Corporation to continue the mineral exploration activities of Aberford. The company owns 100% interest in the Galaxy property which has indicated some 2,500,000 tons at 0.6% Cu, 0.015 oz/t Au (Abermin Corporation, Information Booklet, 30/12/85, p. 53).