

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

CANTY (GREENWOOD)

OBJECT LOCATED - Workings in Greenwood claim (Lot 3114).
OBJET LOCALISÉ

UNCERTAINTY 300 m FACTEUR D'INCERTITUDE	Lat. 49°22'40"	Long. 120°00'10"
Mining Division Osoyoos Division minière	District District	Similkameen
County Comté	Township or Parish Canton ou paroisse	
Lot Lot	Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is underlain mainly by a succession of Upper Triassic argillite, limestone, and volcanic rocks of the Nicola group. A granitic dyke 400 to 600 feet wide intrudes the Nicola rocks and is cut at an acute angle by a fault of considerable size. In the angle between the dyke and the fault is a zone of folded and intensely crushed sedimentary rocks that have been metamorphosed to a rock very similar to the skarn at the Nickel Plate mine, except that it contains much less garnet. Along a fold within this zone occur several ore shoots, the largest some 50 feet long by 20 feet wide. These shoots are apparently developed in local fracture zones along the fold. The underground work in 1939 is reported to have located 8 mineralized shoots ranging from 30' to 70' in length, and from 5' to 20' in width. The gold is associated with arsenopyrite, which increases the cost of recovery.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at approximately 5,800 feet on Sunset Creek, 3½ miles northeast of Hedley.

The Greenwood group was owned by Duncan Woods in 1905; considerable development work was reported that year. The adjoining Boston claim (Lot 3112) was Crown-granted to W.M. Cameron, Administrator of the Estate of G.M. Stump, in 1905; development work to that date included a 60 ft. shaft. The Pittsburg claim (Lot 3113) was Crown-granted to W.F. Cameron and L.W. Shatford in 1905. The Greenwood claim (Lot 3114) was Crown-granted to Duncan Woods in 1908.

Canty Gold Mines, Limited was incorporated in October 1936 to acquire the property, comprising the Greenwood, Boston, and Pittsburg claims. Canty Gold Mines (Hedley), Limited was incorporated in February 1937 to consolidate the holdings of Canty Gold Mines, Limited and Hedley Shamrock Gold Mines, Limited. During 1937 a geophysical survey, stripping, and diamond drilling was carried out. In 1938 a vertical shaft was completed to a depth of 427 feet and drifting begun on the 200' and 400' levels. When work was suspended in June 1939 and some 2,300' of drifting, 322' of raising, and 6,400' of diamond drilling had been completed. Work was suspended with a view towards installing a 50 ton-per-day mill, however, this was deferred due to difficulties of construction during the war. An agreement was reached with Hedley Mascot Gold Mines, Limited, the majority shareholder, to treat the Canty ore in its mill. The workings were dewatered in 1940 and some development work carried out. During the first half of 1941 some 1,600 tons of ore were shipped to the Mascot mill; the mine subsequently closed. Funds for development had been loaned by Hedley Mascot and when payment of the loan was defaulted Hedley Mascot took over the Canty property; the mining equipment was removed in 1942 for use elsewhere.

Canty Gold Mines (1945), Limited was incorporated in September 1945 to acquire the property. Surface exploration during 1946 included stripping and diamond drilling.

Good Hope Resources Ltd., incorporated August 1979, acquired the Canty property. Work during 1980 included drilling in 7 percussion holes on the Boston claim. From this work it was estimated that there were 151,000 tons averaging 0.15 oz Au/ton plus a substantial but undetermined tonnage and grade at depth. (George Cross Newsletter, March 21, 1982). Further diamond

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1939, 29 tons of ore were shipped under the name Canty Gold. From this ore 32 ounces of gold and 1 ounce of silver were recovered.

In 1941, 1,606 tons at 0.31 oz/t Au were shipped to the Mascot mill (Report of Minister of Mines, B.C., 1941, p. 60).

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
1905, pp. 190, 254, 256; 1906, p. 166; 1907, p. 220; 1937, p. D 4+; 1938, p. D 34; 1939, p. 75; 1940, p. 61; 1941, p. 60; 1942, p. 57; 1946, p. 125.

Rice, H.M.A.; Geology and Mineral Deposits of the Princeton Map-Area; Memoir 243, p. 73, Geol. Surv. of Canada, 1947.

Mineral Policy Sector; Corporation Files: "Good Hope Resources Ltd."; "Grove Exploration Ltd."; "Golden North Resource Corporation".

George Cross News Letter: 11/02/83; 12/08/83; 1984, No. 39; 1985, No. 235; 1986, No. 49, 121, 130, 150, 223; 1987, No. 17, 28, 59, 134; 1988, No. 41.

Exploration in British Columbia; BCDM: 1986, pp. A29, A65.

Geological Fieldwork, British Columbia Dept. of Mines: 1986, pp. 65-79; 1987, pp. 59-80.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 888 A, Princeton, (Geol.), Sc. 1":4 miles - accomp. Memoir 243.

Map 568 A, Hedley, (Geol.), Sc. 1":1 mile, Geol. Surv. of Canada, 1940.

Map 8526 G, Hedley, (Aeromag.), Sc. 1":1 mile.

#Map 92 H/8, Hedley, (Topo.), Sc. 1:50,000.

Geology of the Hedley Area, Sc. 1 cm: 1 km, Fig. 2-10-1, Geological Fieldwork, 1986, p.66.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	JL	DMacR	DMacR		
Date Date	11-80	08-81	09-82	12-83	06-88		

PRODUCT PRODUIT	GOLD	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 92 H/8 RÉGION DU S.N.R.C.	REF. RÉF. Au 5
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HISTORY OF EXPLORATION AND DEVELOPMENT (con't)
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

drilling was carried out in 1981-82. Based on work to date, reserves above the 200 foot level were estimated at 362,000 tons averaging 0.15 oz/t gold (George Cross News Letter 11/02/83).

Grove Exploration Ltd., through their holding company Twentieth Century Investments, acquired control of Good Hope Resources Ltd. in 1983. Placer Development Limited optioned the property from Good Hope in January 1984; geological, geophysical and geochemical surveys were reported that year. Diamond drilling included 7 holes in 1985 and 940 feet in 3 holes in 1986; Placer gave up the option in July, 1986.

Golden North Resource Corporation, formed in 1984 by the amalgamation of Grove Exploration and others, in October 1986 amalgamated with Good Hope under the former name. Work by Golden North in 1987 included 8085 feet of diamond drilling in 13 holes in the Canty mine area. Reserves of open pit material was estimated as 658,000 tons at 0.154 oz/t Au (Golden North Resource Corporation, 1987 Annual Report). On the Canty East zone, located some 1500 feet east of the Canty zone, diamond drilling totalled about 6000 feet in 12 holes.