

## NAME OF PROPERTY

WINDPASS, SWEET HOME

## OBJECT LOCATED

Uncertainty: 300 m.

Windpass (mine symbol) } 51°26'35"      120°05'10"  
 Sweet Home (Lot 3844) } Lat. 51°26'05"      Long. 120°05'20"

Mining Division Kamloops      District Kamloops

County      Township or Parish

Lot      Concession or Range

Sec.      Tp.      R.

## OWNER OR OPERATOR

## DESCRIPTION OF DEPOSIT

The claims are underlain by volcanic and sedimentary rocks of Mississippian and/or later Fennell Formation. The contact with granitic rocks of the Cretaceous Baldy Batholith occurs about a mile to the east. The Windpass vein, a gold-bearing quartz vein associated with a diorite to pyroxenite sill, strikes easterly and dips north at about 35 degrees. The vein varies in width from a few inches up to 3 feet, and averages probably 15 to 18 inches. The west end of the vein consists of a highly fractured quartz filling in which there are scattered minor amounts of chalcopyrite and pyrite. The eastern half of the vein consists largely of discontinuous lenses of magnetite. The mineralization includes chalcopyrite, bismuth, gold tellurides, and free gold. Values are erratic. Sampling in 1925 on a section of vein exposed in a winze ranged from \$308/ton over a width of 1.5 feet to \$1.60/ton over a width of 2 feet.

The Sweet Home vein crosses the contact between the pyroxenite sill and banded chert. The vein strikes from N60°W to due west, dips from 30 to 40° North, and varies in width from 8

see Card 2 ....

Associated minerals or products - Silver, copper.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The Windpass property is located at the 5,200 foot elevation on the east side of Dunn Lake, 5 miles northeast of Little Fort and some 55 miles north of Kamloops. The Sweet Home claim is located about 3,000 feet south of the Windpass.

The Windpass showings were discovered and staked in 1916 by Olie Johnson, T.H. Campbell, and Oscar Hargen. During subsequent years small shipments of high-grade ore were made from shallow workings. The property was bonded late in 1922 to the Trites, Woods, & Wilson interests of Fernie, who incorporated Windpass Gold Mining Company, Limited in January 1923. The Sweet Home vein was discovered and staked at about that time. Development work to the end of 1924 failed to prove the continuity of the ore zones and the property closed.

In 1925 Windpass bonded the property to B.N. Sharp for New York interests. Development work during the year included 270 feet of raising & sinking, over 100 feet of crosscutting, and 500 feet of drifting. The bond was given up early in 1926 and the mine closed. Crown-grants were issued in 1926 to Windpass for 18 claims, including the Windpass Nos. 1-3, and Sweet Home (lots 3839-3841, 3844 respectively). In 1929 an additional 14 claims were Crown-granted to the company.

Windpass re-opened the mine in 1933. An aerial tramline 2.5 miles in length was installed between the Windpass workings and the north end of Dunn Lake, where a 50 ton-per-day mill was built; milling began in March 1934. Ore shipments from the Sweet Home workings began in 1935. Operations continued until early in 1939 when the mine closed. The company charter was surrendered in August 1939. Lessors apparently shipped small amounts of ore from the property during 1941, 1942 and 1944. The Windpass workings to 1939 included approximately 1,500 feet of drift and crosscuts in the main (200 level) adit. Two inclined shafts, the Pioneer and Telluride, were sunk from surface to the adit level. An internal shaft (Davis winze, on an incline averaging 25 degrees) was sunk to the 900 level and drifting carried out east and west on each level. The Sweet Home vein was developed by a 120 foot inclined shaft (30°) which connects with a 350 foot crosscut adit, and 450 feet of drift in the footwall of the vein.

see Card 2 ....

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa

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## HISTORY OF PRODUCTION

During the period 1916-1944 inclusive, 102,996 tons of ore were milled or shipped from this property. From this ore 34,456 ounces of gold, 1,719 ounces of silver, and 173,959 pounds of copper were recovered.

## MAP REFERENCES

- Map 1278 A, Bonaparte Lake, (Geol.), Sc. 1:250,000 - accomp. Memoir 273, Geol. Surv. of Canada.
- Map 1945, North Thompson Valley between Joseph Creek & Lewis Creek, (Geol.), Sc. 1":2 miles - accomp. Summary Report 1921, Pt. A., Geol. Surv. of Canada.
- Windpass, Red Top & Gold Hill Groups (claim map), Sc. 1": $\frac{3}{4}$  mile, Report of Minister of Mines, British Columbia, 1923, p. 152.
- Map 5224 G, Chu Chua Creek, (Aeromag.), Sc. 1":1 mile.
- #Map 92 P/8, Chu Chua, (Topo.), Sc. 1:50,000.

## REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	11-79	08-88					

## REFERENCES

- Reports of Minister of Mines, British Columbia:  
1916, p. 266; 1917, p. 219; 1921, p. 197;  
1922, p. 146; 1923, p. 151; 1924, pp. 153, 295;  
1925, pp. 167, 362; 1926, pp. 187, 447; 1927,  
p. 191; 1929, p. 509; 1931, p. 107; 1933,  
p. 193; 1934, p. D 26; 1935, p. D 14; 1937,  
p. D 30; 1938, p. D 35; 1939, p. 74; 1940, p. 23;  
1941, p. 24; 1942, p. 26; 1944, p. 40; 1960,  
p. 118; 1961, p. 49.
- Ugnow, W.L.; Geology of the North Thompson Valley Map-Area, B.C.; Summary Report 1921, Pt. A, p. 99, Geol. Surv. of Canada.
- Lode Gold Deposits of British Columbia, Bulletin No. 1, 1932, p. 69, British Columbia Dept. of Mines.
- +Hedley, M.S. & Watson, K. DeP.; Lode Gold Deposits, Central Southern British Columbia; Bulletin No. 2, 1945, Pt. III, p. 26, British Columbia Dept. of Mines.
- ++Elliott, Wm.; Mining Operations at the Windpass Gold Mines; The Miner, January 1937, pp. 21-28.
- Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy, 1924, Rept. 643, pp. 24-26 (No. 207).
- Sookochoff, L.; Geological Report for Dalton Resources Ltd. on the Windpass Property, April 1973 - in VSE-SMF 20/08/73.
- +++Campbell, R.B. & Tipper, H.W.; Geology of Bonaparte Lake Map-Area, British Columbia; Memoir 363, p. 86, Geol. Surv. of Canada, 1972.
- Mineral Policy Sector; Corporation Files: "Windpass Gold Mining Company, Limited"; "Fort Reliance Minerals Limited"; "Kamad Silver Co. Ltd."; "Dalton Developments Ltd."
- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 273.
- Exploration in British Columbia; BCDM: 1980, p. 298; 1987, p. 22.
- George Cross News Letters: 1987, No. 101, 140, 198; 1988, No. 19, 140

PRODUCT	TERRITORY	N.I.S. AREA	REF. AU 1
<p data-bbox="42 99 766 140">NAME OF PROPERTY      WINDPASS, SWEET HOME</p> <hr/> <p data-bbox="42 173 595 206">DESCRIPTION OF DEPOSIT (continued)</p> <p data-bbox="42 206 1053 280">to 15 inches. The vein fillings is quartz, containing chalcoppyrite, pyrite, bismuth, and gold.</p>	<p data-bbox="1106 90 1925 132">HISTORY OF EXPLORATION AND DEVELOPMENT (continued)</p> <p data-bbox="1106 132 2042 223">Fort Reliance Minerals Limited in 1960 held 3 mineral leases (14 claims). Geological mapping and a detailed magnetometer survey were carried out.</p> <p data-bbox="1106 223 2096 718">Kamad Silver Co. Ltd. in 1969 purchased a lease on the Windpass and Sweet Home claims from J.F.V. Millar, of Calgary. A magnetometer survey and limited trenching were carried out. In April 1972 Kamad optioned the property to Dalton Resources Ltd. Work during the year included magnetometer and VLF electromagnetic surveys over 19.8 line-miles, stripping, and about 500 feet of drilling. The company name was changed in 1973 to Dalton Developments Ltd. The option agreement with Kamad was terminated in February 1974. Surveying and sampling of the Windpass and Sweet Home dumps indicated 36,000 tons at .204 oz/t AU and 17,800 tons at .02 oz/t AU respectively (Sookochoff, April 1973). Kamad Silver reported a geological review, surveying and sampling of the old workings in 1980 and diamond drilling in 1982-83.</p> <p data-bbox="1106 718 2074 916">Kerr Addison Mines Limited in May 1987 optioned a 60% interest from Kamad under a joint venture agreement; Texaco Canada Resources Ltd. held a royalty interest. Work by Kerr in 1987 included geological mapping, a magnetometer survey, trenching, and 6,596 feet of diamond drilling in 11 NQ holes.</p>		