



Occurrence Details

Occurrence Number: 115O 128
Occurrence Name: Oro Fino
Occurrence Type: Hard-rock
Status: Showing
Date printed: 6/15/2025 10:27:51 AM

General Information

Secondary Commodities: copper, lead, zinc
Deposit Type(s): Vein Au-Quartz
Location(s): 63°57'0" N - -139°21'27" W
NTS Mapsheet(s): 115O14
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Yukon Gold C drove an adit over 275 m long from the base of the hill in 1915-16 to serve as a drain for placer tailings from a hydraulic mining operation on Oro Fino Hill. No records of early lode claims have been found.

Restaked as Synd, Dawson & '83' cl (YA79198, YA79509 etc) in Oct/83 by Arbor Res L, Ebony Gold Corp and Falmouth Mls L, which explored with geochem, airborne Input EM, VLF-EM and IP surveys and drilled 2 holes (about 200 m) in 1984 on claim '83'-31. Faith ML optioned 50% of Arbor's interests in Jun/89 and performed geochem surveys and trenching later that year.

In the fall of 1990, a joint venture consisting of Ebony Gold and Klondike Reef Mines conducted an IP and resistivity survey on the Dawson 9-12 and '83' 21-22 claims. The '83' 1-40, Dawson 1-140 and Dawson 201-248 claims were optioned to Kennecott Canada Inc in May/93.

In 1994 Kennecott carried out a large program of ground geophysics, auger soil sampling, prospecting, sampling and mapping on Arbor's holdings. In Jan/95 Kennecott dropped its option. In Jan/96 Arbor Resources changed its name to Klondike Gold Corp.

Capsule Geology

Oro Fino Hill is composed of the Permian Klondike Schist Assemblage including, quartz and feldspar augen-bearing quartz-muscovite schist (unit Psa) overlain by rusty quartz-muscovite and muscovite-quartz schist (unit Psqm). Minor carbonaceous phyllite occurs near the contact between the two units. Mineralization was intersected by an adit driven by Yukon Gold Corporation in 1916 to provide a drain for placer tailings from workings on Oro Fino Hill. Several shallow southwest-dipping graphitic shears that parallel the dominant foliation in the rocks are present near the portal. Networks of stringers and narrow veins (to 15 cm) occur within and near these shears. The veins consist of clear to milky quartz and ferroan carbonate and contain traces of pyrite. Occasional narrow stringers of clear quartz contain up to 15% very fine-grained sulphides that occur as small knots. The sulphides consist of fine-grained intergrowths of galena, arsenopyrite and pyrite.

Ray reported grains of a material tentatively identified as a Pb-Sn-Au alloy showing indistinct exsolution textures in placer deposits at the foot of Monte Cristo Hill about 500 m downstream from the Oro Fino occurrence. Although he considered the material to be a natural alloy, it is possible that it was soldered gold flakes.

The 1984 holes tested coincident IP/EM anomalies and intersected micaceous schist with disseminated pyrite. The 1987 trenches and drill holes cut quartz stringers with base metal sulphides, but precious metal contents were low.

In the Boulder Creek area (southeast corner Dawson claims), Kennecott in 1994 discovered weakly mineralized quartz vein float boulders which assayed up to 0.14 g/t Au, 40.6 g/t Ag and 210 ppm arsenic. No follow up work was carried out.

References

ARBOR RESOURCES LTD, 1991. Assessment Report #092972 by D.G. Mark.

ARBOR RESOURCES LTD, STANDARD GOLD MINES LTD and GALLANT GOLD MINES LTD, Nov/87. Assessment Report *#091981 by Z. Dvorak.

DAWSON DAILY NEWS, 4 Apr/16.

DAWSON SYNDICATE (1983) EXPLORATION LIMITED, 1984. Assessment Report #091546 by R.A. Gonzalez

DAWSON SYNDICATE (1983) EXPLORATION LIMITED, 1986. Assessment Report #091807 by P. Grunenberg and A.G. Troup

DAWSON SYNDICATE (1983) EXPLORATION LIMITED, 1987. Assessment Report #091757 by P. Grunenberg and R.A. Gonzalez

EBONY GOLD CORPORATION and Archean Engineering Limited, 1988. Assessment Report #062303 by R.A. Gonzalez

GEORGE CROSS NEWSLETTER, 2 Jun/89; 8 Nov/89; 30 Aug/94; 10 Nov/94; 23 Jan/96.

KENNECOTT CANADA INC, and Ebony Gold Corp., Cream Silver Mines Ltd., and Aurizon Mines Ltd., 1994. Assessment Report #093509 by R. Cranswick, A. Doyle.

KENNECOTT CANADA INC, Wealth Resources Ltd., and Arbour Resources INC, 1994. Assessment Report #093211 by R. Cranswick, A. Doyle.

KENNECOTT CANADA INC, 1994. Assessment Report #093209 by R. Cranswick, S. de Wit and A. Vary.

KENNECOTT CANADA INC, 1995. Assessment Report #093319 by R. Cranswick, S. de Wit and A. Vary.

KENNECOTT CANADA INC, Jul/95. Assessment Report #093321 by R. Cranswick, S. de Wit and A. Vary.

LOCKWOOD PETROLEUM INC, and Tiburon Petroleum Corp., 1987. Assessment Report #091747 by P.E Walcott

MORTENSEN, J.K., Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

RAY, D.G., 1962. The Mineralogy of some Heavy Sands from the Klondike District. Unpublished B.Sc. thesis, University of British Columbia.

YUKON EXPLORATION 1985-86, p. 372-373; 1987, p. 296-299.

YUKON EXPLORATION AND GEOLOGY 1984, p. 203-206.

YUKON EXPLORATION & GEOLOGY 1995, p. 9, 11, 12.

Work History

Date	Work Type	Comment
12/31/1994	Geology	
12/31/1994	Lab Work/Physical Studies	
12/31/1994	Geochemistry	Also rock sampling.
12/31/1994	Airborne Geophysics	Reprocessing of 1987 airborne magnetic and EM data.
12/31/1990	Ground Geophysics	Also resistivity survey.Survey conducted on Dawson 9-12 and "83" 21-22 claims.
12/31/1989	Geochemistry	Also rock sampling.
12/31/1989	Trenching	
12/31/1987	Geochemistry	
12/31/1987	Trenching	
12/31/1985	Geochemistry	
12/31/1985	Geochemistry	
12/31/1985	Ground Geophysics	Also VLF-EM survey .
12/31/1984	Drilling	Three holes, 294.74 m.
12/31/1984	Drilling	Two holes, 200 m.
12/31/1984	Geochemistry	Also rock and silt sampling.
12/31/1984	Airborne Geophysics	
12/31/1984	Trenching	
12/31/1916	Development, Underground	Drove a 275 m adit between 1915 and 1916.
12/13/1987	Airborne Geophysics	Also magnetic survey.
12/13/1984	Ground Geophysics	Also VLF survey . Reconnaissance scale.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094717	2004	2004 Geological Report on the Bonanza Property	Bedrock Mapping - Geology, Line Cutting - Other		
093321	1994	1994 Annual Report on the Klondike Gold Project	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Prospecting - Other, Backhoe - Trenching		
092690	1988	Geological, Geophysical, Geochemical, and Trench Report for Work Performed by Mark Management Ltd. on the REEF Grid	All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching		
091760	1987	Report on Combined Helicopter Borne Electromagnetic, Magnetic, and VLF-EM Survey Bonaza-Eldorado Creek Area	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics		
091757	1987	Geological, Geochemical and Diamond Drill Report for Work Performed by Mark Management Ltd. on the Dawson Property	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching	27	3151
091807	1985	Geological, Geochemical and Geophysical Report for Work performed by Mark Management on the Dawson Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics, Heavy Mineral Concentrate - Lab Work/Physical Studies, Petrographic - Lab Work/Physical Studies, Mechanical - Trenching		
091604	1984	Interpretation Report on Induced Polarization, Horizontal Loop Electromagnetic, and Magnetic Surveys	EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics		
			Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		

091616	1984	Geological, Geochemical and Geophysical Report for Work Performed by Mark Management Ltd. on the Dawson Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Heavy Mineral Concentrate - Lab Work/Physical Studies, Mechanical - Trenching		
091546	1983	Regional Geochemical and Geophysical Report on the Syndicate, Dawson, William, 83, 98, Wild, and Wild Card Claims	Magnetic - Airborne Geophysics, Bedrock Mapping - Geology, EM - Ground Geophysics, Heavy Mineral Concentrate - Lab Work/Physical Studies, Data Compilation - Pre-existing Data		
060149	1972	Geological and Geochemical Report Yukon Quartz Mineral Claims	Silt - Geochemistry, Soil - Geochemistry		