



Occurrence Details

Occurrence Number: 105D 028
Occurrence Name: Fleming
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 6:09:27 PM

General Information

Secondary Commodities: copper, lead, zinc
Deposit Type(s): Skarn Cu
Location(s): 60°13'11" N - -135°13'54" W
NTS Mapsheet(s): 105D03
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

Staked as Fleming cl in Jul/09 by H.E. Porter, who with W.J. Fleming had completed one hand trench by the time D.D. Cairns of the Geological Survey of Canada visited and described the property in Sep/09.

Restaked as Mary Ann cl 1-8 and 11-14 (91565) in Jan/65 by Yukon Antimony Corporation Ltd, which carried out bulldozer trenching later in the year; as Ant cl 1-4 (Y5967) in May/66 by A. Pearce and A. Johns, who added Lee cl 1-6 (Y8357) in Jun/66; as XL cl 1-8 (Y24069) in Mar/68 by J.B. O'Neill for Idaho Silver Mines Ltd; as Jif cl 1-8 (Y33887) in Apr/69 by W. Hyde; and as Toby cl (Y78776) in May/74 by E. Bergvinson.

In Apr/77 the occurrence was restaked as Ridge cl 1-4 (YA8895) by D. Lampert on behalf of a syndicate which staked Ridge cl 5-9 (YA18082) in Jun/77 and carried out bulldozer trenching before transferring the property to a new company, New Ridge Mines Ltd, late in 1978. New Ridge carried out trenching and magnetometer surveying in 1979; EM surveying and drilled seven percussion holes (530.4 m) in 1980; and restaked the property as Ridge cl 1-4 and 7-15 (YA86417) in Jan/85 before carrying out geological mapping and sampling later in the year. Walhalla Exploration Ltd tied on Tech cl 1-18 (YA82362) to the south in Jun/84; added Tech cl 22-40 (YA92145) in Jun/85; carried out grid geochemical soil sampling; and staked Rain cl 1-43 and Wind cl 1-18 (YA93045) to the north and west, respectively, in Sep/85. Shawkak Exploration Ltd staked Charlie cl 1-16 (YA82409) 5 km northeast in Jun/84 and Newhawk Gold Mines Ltd staked Sheep cl 1-12 (YA86152) in Nov/84. In 1985, Newhawk carried out prospecting and geochemical soil sampling of the Sheep claims and Shawkak carried out geological mapping and geochemical sampling of the Charlie claims.

In May/86 Shawkak transferred the Charlie claims to Berglynn Resources Ltd, which then optioned the adjoining Walhalla and New Ridge properties and carried out geological mapping and geochemical sampling in 1986 and 1987. In Jun/88, the Wind and Rain claims were transferred to Northern Natural Resource Services Ltd, then to Aquiline Resources Inc, which carried out geological mapping and geochemical sampling later that year. A few of the Ridge claims were transferred to Kennco Exploration (Canada) Ltd in Sep/88. Berglynn Resources restaked Tech cl 6 (YB26465) in Jul/89 while Aquiline performed blasting and hand trenching on the Wind and Rain claims in 1989. G. Davidson restaked the Charlie claims as AP cl 1-16 (YB35750) in Mar/91.

The occurrence was restaked as Ark cl 1-11 (YB36914) in Jul/92 by R.W. Hulstein. Berglynn changed its name to Arkona Resources Inc in Mar/92. In Dec/93, some of the Tech and Ridge claims were transferred to 276 Taurus Ventures.

Omni Resources Inc optioned the Tech claims in 1995 and restaked Tech cl 5 and 14 (YB97766) in Jun/97. By 1999 Omni had earned a 60% interest in the claims and on July 23/99 Arkona transferring 100% ownership of the claims to Omni. In Nov/2000 Omni amalgamated with Trumpeter Yukon Gold Inc to form Tagish Lake Gold Corporation.

Capsule Geology

The original showing (Fleming) consists of discontinuous 8 to 25 cm wide lenses of chalcopyrite, bornite, specularite and pyrite within garnet-epidote-calcite-magnetite skarn, which forms two horizons up to 10.1 m thick within a roof pendant of Upper Proterozoic and Paleozoic Nisling assemblage schist in mid-Cretaceous granodiorite.

A new sphalerite-galena showing (Lampert) was discovered in 1978. The best assay from the 1980 drilling, which tested magnetic anomalies, was 0.6% Zn and 0.05% Pb.

The 1984-86 soil sampling and prospecting programs on the various peripheral claim blocks outlined numerous geochemical anomalies and located a number of quartz veins, none of which produced significant assays.

Aquiline Resources' sampling in 1988 followed up quartz-chalcedony breccia float located east of Dawson-Charlie Creek in 1986 in an area approximately 4.5 km east-northeast of this occurrence location. Low order gold, silver, lead and barium anomalies were outlined near the northern boundary of their claims and were thought to represent dispersion downhill from vein-type mineralization previously located on the adjoining claims that is reported to have returned 113 000 ppb Au.

References

AQUILINE RESOURCES INC, Oct/88. Assessment Report #092573 by H.J. Keyser.

BERGLYNN RESOURCES INC and SKUKUM VENTURES INC, Dec/87. Assessment Report #062286 by T.A. Garagan.

BERGVINSON, E., Dec/86. Assessment Report #091888 by T. Garagan.

GEOLOGICAL SURVEY OF CANADA, Memoir 31, p. 140-145; Memoir 312, p. 142.

GEOLOGICAL SURVEY OF CANADA, 1910. Summary Report 1909, p. 53-54.

GEORGE CROSS NEWSLETTER, 15 Apr/93.

GORDEY, S.P. and MAKEPEACE, A.J., 2003. Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp.); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9(D).

HART, C.J.R. and RADLOFF, J.K., 1990. Geology of the Carcross, Fenwick Creek, Alligator Lake, Whitehorse and part of Robinson map areas (105D/2,3,6,11 & 7), Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada; Open File 1990-4, 113p.

NEW RIDGE RESOURCES LTD, 1986. Assessment Report #091771 by R.S. Rogers.

NEWHAWK GOLD MINES LTD, Nov/85. Assessment Report #091661 by G.S. Davidson.

NORTHERN NATURAL RESOURCE SERVICES LTD, Mar/87. Assessment Report #091923 by H.J. Keyser.

SHAKWAK EXPLORATION COMPANY LTD, Jan/86. Assessment Report #091775 by G.S. Davidson.

YUKON EXPLORATION 1985-86, p. 160, 187-188; 1987, p. 124.

Work History

Date	Work Type	Comment
12/31/1986	Geology	
12/31/1986	Geochemistry	
12/31/1985	Geology	
12/31/1985	Geochemistry	
12/31/1980	Drilling	Seven holes, 530.4 m.
12/31/1980	Ground Geophysics	
12/31/1979	Ground Geophysics	
12/31/1979	Trenching	
12/31/1977	Trenching	
12/31/1965	Trenching	
12/31/1909	Trenching	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095503	2011	Report on the 2011 Geochemical Exploration of the Mount Anderson Property	Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Prospecting - Other, Prospecting - Other		
095000	2007	Assessment Report Carol 3-8 Whitehorse Mining District Yukon	Rock - Geochemistry, Prospecting - Other, Hand - Trenching		
094337	2002	Geological Structure and Alteration Study of the Pop,Mom,Chief,Glee,Tech,Berg,Sten,Mil Claims	Detailed Bedrock Mapping - Geology, Petrographic - Lab Work/Physical Studies, Process/Interpret - Pre-existing Data		
091923	1986	Geological and Geochemical Assessment Report on the Wind and Rain Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
091771	1985	Summary Report of Exploration Ridge Property	Soil - Geochemistry, EM - Ground Geophysics, Line Cutting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC014202	Sketch of Porter-Fleming adit - Carbon Hill - Wheaton District, Y.T.		Property File Collection	Geoscience Map (General)