



Occurrence Details

Occurrence Number: 115O 005

Occurrence Name: Cooper

Occurrence Type: Hard-rock

Status: Unknown

Date printed: 12/17/2025 11:28:58 PM

General Information

Deposit Type(s): Vein Au-Quartz

Location(s): 63°12'58" N - -139°0'34" W

NTS Mapsheet(s): 115O03

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Rossland, etc cl (422) in Oct/1898, and as Queen of the Hills, etc cl (4617) in Sep/1900. This creek is called Cooper Creek on modern maps but was named Copper Creek on the stakers' applications. The area was prospected and geochem sampled in 1970 by Archer, Cathro & Associates Ltd.

In Jun/94 B. Kreft staked a single Justin cl 1 (YB48794) 7 km to the southwest on Brewer Creek. It appears the claim was staked to protect placer claims held by Kreft in the area.

In Jun/2009 Ryanwood Exploration Inc staked Brew cl 1-56 (YC87746) and cl 57 -168 (YC95901) 7 km to the southwest in the Brewer Creek area. The company optioned the claims to Aldrin Resource Corporation in early Jul/2009. Aldrin contracted Ryanwood Exploration to carry out grid soil sampling and ground magnetics surveys over the claims.

In Jun/2009 B. Naughty staked Lucky cl 1-12 (YC99489), 13-100 (YD05999) and cl 101-172 (YC91801) on the northern boundary of the Brew claims. Naughty then staked Strike cl 1-100 (YC98701) and cl 101-114 (YC99475) on the northwest boundary of the Lucky claims. In late Jul/2009 Naughty optioned 125 Lucky claims to Alix Resources Corporation and Cloudbreak Resources Ltd which earlier formed a joint venture group to explore their various claim holdings located in the region. The joint venture group immediately commenced a geological mapping and geochemical sampling program on the claims. In Aug/2009 Naughty optioned the remaining Lucky claims to the joint venture group and provided an option on 25 Strike claims and 96 AU claims (Minfile Occurrence 115O 007) subject to performing certain work commitments on the Lucky claims. In Nov/2009 Alix and Cloudbreak Resources contracted for a low-level, multi-sensor airborne geophysical survey over their recently optioned Strike claims.

Capsule Geology

The geology of the Stewart River Area was remapped by J. Ryan and S. Gordey (2004) of the Geological Survey of Canada beginning in 2000 as a component of the Ancient Pacific Margin NATMAP Project. The NATMAP Project is an interagency project initiated by the Geological Survey of Canada, Yukon Geology Program (now Yukon Geological Survey) and British Columbia Geological Survey Branch to understand the composition, relationships and metallogenic of poorly understood pericratonic terranes lying between the ancestral North American margin and those known with more certainty to be tectonically accreted. The Stewart River component focuses on the Yukon-Tanana terrane, comprising complexly deformed mostly (?) Paleozoic meta-igneous and metasedimentary rocks. In 2005 S. Gordey and J. Ryan released a geological compilation map for the Stewart River area. The map units generally remained the same as the 2004 geology map but age dates were changed to reflect new dates obtained through geochronology data.

J. Ryan reported that the Stewart River area is underlain by twice-transposed, amphibolite-facies gneiss and schist of mostly (?) Paleozoic age. These are intruded by younger plutonic rocks (Jurassic, Cretaceous and Eocene) and overlain by upper Cretaceous volcanic rocks. Metasiliclastic rocks are widespread and dominated by psammite and quartzite, with lesser pelite and rare conglomerate. Preliminary detrital zircon geochronology and geochronology for plutonic rocks constrain the siliclastic rocks to the Middle Paleozoic. Amphibolite interdigitates with and stratigraphically overlies the siliclastic rocks. Marble horizons (?? reefs) occurs within the amphibolite and siliclastic rocks. Orthogneiss rocks with diorite, tonalite and granodiorite protoliths intrude both the siliclastic and amphibole assemblages; it is interpreted as a subvolcanic intrusive complex.

The actual occurrence is underlain by glacial drift. To the north and east the area is underlain by quartz-mica schist interlayered with amphibolite and marble. South of the Stewart River the various claims are underlain by Devonian to Mississippian metasiliclastic rocks (mainly quartz-mica-schist) interlayered with amphibolite and intruded by orthogneiss. A long narrow wedge of orthogneiss intrudes quartz-mica schist in a northwest-southeast direction from north of Simmons Creek to southeast of Barker Creek. A Jurassic age granodiorite intrusion straddles the north and south sides of the Stewart River from about Three Kings Creek northwest to a point south of Tenderfoot Creek. A small mid-Cretaceous granitic intrusion intrudes northwest of the southern junction of Simmons Creek.

References

ALDRIN RESOURCE CORPORATION, News Release. 6 Jul/2009, 24 Sep/2009.

ALDRIN RESOURCE CORPORATION, Web Site. www.aldrinresourcecorp.com.

ALIX RESOURCES CORPORATION/CLOUDBREAK RESOURCES LTD, News Release. 7 Jul/2009, 29 Jul/2009, 12 Aug/2009, 22 Sep/2009, 9 Nov/2009.

ALIX RESOURCES CORPORATION, Web Site. www.alixresources.com.

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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).

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RYAN, J.J. AND GORDEY, S.P., 2002: Bedrock geology of Yukon-Tanana terrane in southern Stewart River map area, Yukon Territory; Geological Survey of Canada, Current Research 2002-A1, 11 p.

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Ryan, J.J. AND GORDEY, S.P., 2004; Geology Stewart River Area (Parts of 115N/1, 2, 7,8 and 115O/2- 12), Yukon Territory; Geological Survey of Canada, Open file 4641, scale 1:100 000.

SHIVES, R.B.K., ET. AL. (2002): Airborne multisensor geophysical survey, Stewart River area, Yukon Territory, Phase 1 and 2 (parts of 115N and 116B); Geological Survey of Canada, Open file 4311. (also Yukon Exploration and Geological Services Division, Open File 2002-17D).

Work History

Date	Work Type	Comment
12/31/2009	Geology	Carried out on all claims.
12/31/2009	Geochemistry	Carried out on all claims.
12/31/2009	Ground Geophysics	
12/31/2009	Airborne Geophysics	Also radiometric survey.
12/31/1970	Geochemistry	
12/31/1970	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095526	2011	Report on the 2010 Geochemical, Geophysical, and Geological Work on the Whiskey Property	Rock - Geochemistry, Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other, Prospecting - Other, Prospecting - Other, Data Compilation - Pre-existing Data, Data Compilation - Pre-existing Data, Data Compilation - Pre-existing Data, Process/Interpret - Pre-existing Data, Process/Interpret - Pre-existing Data, Process/Interpret - Pre-existing Data		