



Occurrence Details

Occurrence Number: 115O 007

Occurrence Name: Three Sisters

Occurrence Type: Hard-rock

Status: Unknown

Date printed: 12/17/2025 12:51:32 AM

General Information

Aliases: Au

Deposit Type(s): Unknown

Location(s): 63°14'31" N - -139°15'24" W

NTS Mapsheet(s): 115003

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Three Sisters claim (11821) in Apr/10.

In Jun/2009 B. Naughty staked Au cl 1-2 (YC98601) and cl 9-42 (YC986009) 3 km to the southwest.

The actual occurrence area was restaked by Naughty as AU cl 89-116 (YC98689) later in the month. In Jul/2009 Naughty optioned Au claims 89-116 to joint venture partners Alix Resources Ltd and Cloudbreak Resources Ltd. The companies immediately carried out a systematic geological and geochemical surveys on the claims. In Jan/2010 Alix Resources sold its 50% interest in the Au claims to Cloudbreak Resources.

In May/2010 Naughty optioned Au claims 1-2 and 9-42 to Erin Ventures Ltd.

In Oct/2010 Cloudbreak Resources flew a high resolution airborne geophysical survey over their Au claims. In Nov/2010 the company optioned a 70% interest in its AU claims and other neighbouring claim groups to AccelRate Power Systems Inc. Cloudbreak changed its name to Petro One Energy Corp in Dec/2010 to better reflect the company's primary business focus on oil exploration.

In Jun/2011 Erin Ventures commenced a geological mapping, prospecting and geochemical program on its Au claims.

AccelRate Power Systems shareholders voted on June 15, 2011 to change the company's primary business focus to mining exploration and to change the company's name to Goldstrike Resources Ltd.

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. Orthogneissic rocks with diorite, tonalite and granodiorite protoliths intrude both the siliclastic and amphibole assemblages; it is interpreted as a subvolcanic intrusive complex.

The two separate blocks of Au claims are underlain by a large body of undivided Devonian to Mississippian orthogneiss (older) and amphibolite (younger). Several Early-Jurassic to mid Cretaceous granite and granodiorite intrusions have been mapped to the south.

Alix and Cloudbreak Resources optioned their Au claims to explore for gold mineralization similar to that uncovered at Underworld Resources' Golden Saddle (now owned by Kinross Gold - Minfile Occurrence #1150 165) occurrence located approximately 13 km southwest of this occurrence. Soil sampling on the claims was hampered by poor soil medium. Only one line of samples was collected across the northwest side of the claims and only one elevated gold value (no value reported) was returned. Airborne magnetics infer that two lineaments, trending northwest track across the east side of the claims.

Erin Ventures has not reported any results from their block of Au claims.

References

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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.

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YUKON EXPLORATION & GEOLOGY 2009, p. 28, 2010, p. 31, 60.

Work History

Date	Work Type	Comment
12/31/2010	Airborne Geophysics	Also magnetic survey, flown over Cloudbreak Resources AU claims.
12/31/2009	Geology	Preliminary in nature.
12/31/2009	Geochemistry	Alix/Cloudbreak Resources carried out preliminary sampling and follow-up soil sampling program.
12/31/2009	Other	Preliminary in nature.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097122	2017	Assessment Report, Lucky Strike Property	Diamond - Drilling, LIDAR - Remote Sensing	9	1032.80