



Occurrence Details

Occurrence Number: 1150 015
Occurrence Name: Agate
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 6/15/2025 11:47:11 AM

General Information

Secondary Commodities: gold
Aliases: Golden Fox
Deposit Type(s): Vein Au-Quartz
Location(s): 63°4'7" N - -138°58'23" W
NTS Mapsheet(s): 115002
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Early staking near this location included Mountain Chief, etc cl (4614) by J. McGilvray in Sep/1900 and Golden King cl (4803) by N. Williamson in Feb/01. Restaked in Feb/82 by Don Lee as DL cl 1-72 (YA64924), which were transferred to Lee's Jade & Opal Ltd in 1985 and optioned to New Era Development Ltd and Havilah Gold Mines Ltd in 1987 and explored in conjunction with nearby placer activity. Klondike Reef Mines Ltd staked the Gate cl 1-40 (YB31706) 5 km to the southeast in Nov/90. B. Kreft staked the Joel 1-2 cl (YB45602) nearby in Sep/93. Restaked as RB cl 1-32 (YC94469) and cl 33-50 (YC88001) in Jun/2009 by B. Naughty. In Jul/2009 Naughty optioned the claims to Weststar Resources Corp. in return for cash, shares and certain work commitments. The company named the combined claim block the Golden Fox property and commenced a silt and soil sampling program in Oct/2009.

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. Geological mapping by J. Ryan and S. Gordey shows the area surrounding the occurrence is underlain by Devonian to Mississippian intermediate to mafic orthogneiss that is commonly interlayered with amphibolite schist and gneiss. The orthogneiss is intruded by a small Eocene felsic porphyry body. Northwest of the occurrence the country rocks appear to change to amphibolite mixed with some orthogneiss. A major northwest-southeast structure (fault ?) crosscuts across the area. The original claims were probably staked on gold bearing quartz veins. Several small, linear magnetic anomalies occur nearby. Weststar Resources collected silt and soil sample along side three distinct drainage areas in the north, central and southern parts of the claim block. Analytical results from the silts identified an anomalous area approximately 850 m in length situated in the central part of the claim block that returned elevated gold values to 30 ppb.

References

- 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).
- GORDEY, S.P. AND RYAN, J.J. 2005. Geology, Stewart River Area (115N, 115 O and part of 115J), Yukon Territory; Geological Survey of Canada, Open File 4970, scale 1:250 000.
- MORTENSEN, J.K., 1990. Geology and U-Pb geochronology of the Klondike district, west-central Yukon Territory. Canadian Journal of Earth Sciences, vol. 27, p. 903-914.
- 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.
- Ryan, J.J. ET AL., 2003: Update on bedrock geological mapping of the Yukon-Tanana terrane, southern Stewart River map area, Yukon Territory; Geological Survey of Canada, Current Research 2003-A9, 7 p.
- 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).
- WESTSTAR RESOURCES CORP., News Release. 8 Jul/2009, 18 Dec/2009, 20 Dec/2010.
- WESTSTAR RESOURCES CORP., Nov/2009. Web Site. www.weststarresources.com.

Work History

Date	Work Type	Comment
12/31/2009	Geochemistry	
12/31/2009	Geochemistry	Along three drainages which cut across north, central and southern portions of the claim block.

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
097099	2016	2016 Soil Sampling and XCAM on the Barker Property, Dawson Mining District, Yukon	Orthophoto - Airphotography, Soil - Geochemistry		
095520	2009	Geochemical Report on the Golden Fox Property	Silt - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012840	Geological map of 115-O-2 - Grizzly Dome area		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016529	Structural and geology map showing contacts - 115O/2 - Scroggie Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012836	Map of Scroggie Creek area showing geology - Aeromagnetic series map 4320G		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012839	Map of Scroggie Creek area showing geology notations- Aeromagnetic series map 4320G		Property File Collection	Geophysical Map
ARMC012838	Map of Scroggie Creek area with notations- Aeromagnetic series map 4320G		Property File Collection	Geophysical Map
ARMC012837	Map of Britannia Creek area showing geological notations (coloured) - Geological survey map 4319G		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016528	Coloured geology map - 115O/2 - Scroggie Creek		Property File Collection	Geoscience Map (Geological - Bedrock)