



Occurrence Details

Occurrence Number: 1150 155
Occurrence Name: Frisco
Occurrence Type: Hard-rock
Status: Unknown
Date printed: 6/14/2025 6:07:57 PM

General Information

Aliases: White Gold
Deposit Type(s): Unknown
Location(s): 63°11'13" N - -139°27'7" W
NTS Mapsheet(s): 115003
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked within Willy cl 1-32 (YB39987), Loco cl 1-24 (YB40828) and Ann cl 1-22 (YB40577) between Jun/91 and Jun/92 by Nor-Court Sand and Gravel Ltd, which explored with bulldozer trenching, stripping and roadwork. Nor-Court added individual Gonzo (YB45077), Bot (YB45078), Roi (YB45079), Spike (YB45080), Crow (YB45081) and Pluto (YB45082) claims along Frisco Creek. The company also staked Derek cl 1-4 (YB45063) on the peak of Mt Stewart in Jul/93. M. Ellis staked Todd cl 1-4 (YB94569) on the peak of Mt. Stewart (4 km to the east) in Sept/96. Ellis staked Parker cl 1-16 (YB94573) 3 km to the north at the same time. Restaked within White cl 200-303 (YC75721) in Jul/2008 by Underworld Resources Ltd as part of their White Gold project. In 2008 and 2009 the company carried out large exploration programs on the White Gold property. In 2009 the claims located west of this occurrence (and west of Frisco Creek) were grid soil sampled while the claims located east of the occurrence (and east of the creek) were reconnaissance soil sampled along ridges and spurs. In Mar/2010 Kinross Gold Corp announced a proposed acquisition of all shares of Underworld Resources with the aim of acquiring control of the White Gold deposit and Underworld's various exploration properties located in the Dawson region of the Yukon. In Apr/2006 Kinross announced its successful acquisition of 87% of the issued and outstanding common shares of Underworld Resources. Kinross immediately took steps to acquire the remaining shares of the company and on June 30, 2010 took Underworld Resources private resulting in Underworld Resources becoming a wholly-owned subsidiary of Kinross. As a privately held company Underworld is not required to release exploration results. According to Yukon Exploration and Geology 2010, Kinross spent \$14 000 000 exploring on both the White Gold and JP Ross properties (Minfile Occurrence #1150 160) located approximately 28 km to the northeast. Property-wide geological mapping, airborne geophysical surveys, soil sampling survey and over 25 000 m of diamond drilling was completed on the two properties.

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 occurrence area is underlain by Devonian to Mississippian quartz-mica schist. To the west broadly contemporaneous amphibolite interdigitates with and lies structurally (and possibly stratigraphically) above the schist. Extensive orthogneiss intrudes both units to the east. S. Gordey and J. Ryan's map shows an apparent fault separating this area from the neighbouring Golden Saddle and White-Arc (Minfile Occurrences 1150 165, 166) mineralized zones. No detailed mapping has been released by Underworld Resources for the area around this occurrence. Soil sampling in 2009 did not locate any significant gold anomalies in the vicinity of this occurrence. Kinross Gold has not released any detailed data since their successful takeover of Underworld Resources.

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.
- KINROSS GOLD CORP., May/2011. Web Site: www.kinross.com.
- 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.
- 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. 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).

SRK CONSULTING (CANADA) INC. Mar/2010. White Gold Property, Dawson Range, Yukon, Canada. By L Weirshauser, M Nowark and W. Barnett. (Project Number 2CU003.000).

UNDERWORLD RESOURCES LTD, Jul/2009. Assessment Report # 095090 by H.K. Paulsen.

UNDERWORLD RESOURCES INC., Oct/2009. Web Site: www.underworldresources.com

YUKON EXPLORATION AND GEOLOGY 2009, p. 24-25, 55, 58, 2010, p. 26, 61, 65.

Work History

Date	Work Type	Comment
12/31/2009	Geochemistry	Detailed grid based sampling carried out west of Frisco Creek, reconnaissance style ridge and spur sampling east of creek.
12/31/1992	Development, Surface	
12/31/1992	Trenching	
12/31/1992	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097246	2017	Geochemical, Geophysical, Geological, and Drilling Assessment Report: White Gold Project	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Orthophoto - Airphotography, Diamond - Drilling, Reverse Circulation - Drilling, Rock - Geochemistry, Soil - Geochemistry	35	5272.19
096215	2011	White Gold, 2011 Surface Exploration Report	Rock - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Prospecting - Other, Prospecting - Other, Backhoe - Trenching, Backhoe - Trenching		
096207	2010	High resolution Airborne Geophysical Report on the White and the Black Fox Group	Electromagnetic - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics		
096206	2010	Geological and Geochemical Report on the White Groups and Black Fox	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Backhoe - Trenching		
095338	2009	Report on the 2009 Diamond Drill, Geological and Geochemical Work Program on the White Gold, Black Fox, Yellow, JP Ross and Maisy Properties	All Weather Road - Development, Surface, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Metallurgical Tests - Lab Work/Physical Studies, Prospecting - Other, Environmental Assessment/Impact - Studies, Resource Estimate - Studies, Backhoe - Trenching	94	25891.67
095090	2008	Drilling - Geochemical - Geological Report on the BLACK FOX CATH CATHY CCC WHITE and WS Claims	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Backhoe - Trenching, Hand - Trenching	27	3433

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016531	Geochemical map - 1150/3 - Thistle Creek		Property File Collection	Geochemical Map
ARMC016530	Coloured geology map - 1150/3 - Thistle Creek		Property File Collection	Geoscience Map (Geological - Bedrock)