Occurrence Details

Occurrence Number: 115O 106
Occurrence Name: Hakonson
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 12/16/2025 5:06:14 PM

General Information

Secondary Commodities: gold, lead, silver
Deposit Type(s): Vein Au-Quartz
Location(s): 63°4'8" N - -139°15'50" W
NTS Mapsheet(s): 115O03
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Les cl 1-8 (YA49479) in Jan/80 by L. Hakonson. Restaked as Frebru cl 1-6 (YA84475), MC cl 1-6 (YA84468) & Lucy cl 1-6 (YA84642) in August and Sep/84 by F. Stretch. Stretch restaked the occurrence as Chase cl #1 (YA87981) and Happy cl #1(YA87983) and staked Big Red cl #1 (YA87982) two km south in Sep/86. Stretch trenched Big Red claim #1 in 1987 and the Happy and Chase claims in 1989.
Sparkling Minerals Ltd surrounded the Big Red claim #1 with Viv cl 1-9 (YB31169) and Ian cl 1-7 (YB31179) in Jul/90, and restaked Big Red claim #1 as Viv 10 (YB40203) in Aug/91. The company carried out contour soil sampling and prospecting in June and Jul/91.
Restaked as Bear cl 1-67 (YC17285) and Cub cl 1-4 (YC17351) in Jul/99 by a group comprised of T. Morgan, S. Schmidt, C. Jonas and V. Matkovitch. In Oct/99 the group formed 16406 Yukon Incorporated to hold the claims. In August and Sep/2000 the group added Cub cl 5-14 (YC20299) and cl 15-20 (YC20452).
In Apr/2009 Underworld Resources Ltd staked Grizz cl 1-62 (YC86601) to the east and south. In May/2009 Underworld optioned the Bear and Cub claims from 16406 Yukon Inc in return for cash, shares and certain work commitments. In Jul/2009 Underworld staked BC cl 1-24 (YC97337) to cover gaps around their claim holdings.

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.
Most of this area was unglaciated during the last ice age and thus deeply weathered and covered by thick brush and/or forest. Visible outcrop is generally less than 1% throughout the area. Based on geological mapping by Gordey and J. Ryan the area is underlain by Devonian to Mississippian quartz-mica schist and amphibolite that has been intruded by Permian age K-feldspar rich, granitic orthogneiss. Several regional structures cross-cut the area. The original claims were probably staked to protect placer activity. Recent staking was carried out to explore for mineralization similar to that discovered at Underworld Resources neighboring White Gold property (Minfile Occurrences 115O 165, 166 etc.) located approximately 15 km to the northwest.
Soil sampling by Sparkling Minerals Ltd outlined separate zinc, lead and copper anomalies. A specimen of quartz vein float with pods of galena returned 414 ppb gold, 2.2 ppm silver and 0.89% lead.

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).

SPARKLING MINERALS LTD, 1991. Assessment Report #092983 by F.J. Anderson.

UNDERWORLD RESOURCES LTD, News Release, 14 May/2009.

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

Work History

Date	Work Type	Comment
12/31/2009	Geochemistry	By Underworld Resources.
12/31/1991	Geochemistry	
12/31/1991	Other	
12/31/1989	Trenching	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
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

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012850	Preliminary air photo study of Thistle Mountain area		Property File Collection	Geoscience Map (General)