Occurrence Details

Occurrence Number: 115I 009
Occurrence Name: Merrice
Occurrence Type: Hard-rock
Status: Showing
Date printed: 6/15/2025 10:23:51 PM

General Information

Secondary Commodities: copper, gold, silver
Aliases: Homestake
Deposit Type(s): Vein Cu+/-Ag Quartz
Location(s): 62°21'12" N - -136°35'43" W
NTS Mapsheet(s): 115I07
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

Staked in 1902 by C.L. Johnson, C. Seagram and I. Sanborn as the Homestake claim (4692), one of six claims staked by the men and the only one to receive significant work. Work completed prior to 1908 consisted of 47.2 m of drifting and surface pitting.
Restaked as the Taslar cl 139-154 (Y61684) in Aug/71 by Taseko Mines Ltd. Restaked as Bob cl 1-22 (Y78789) in May/74 by American Smelting and Refining Company Ltd. The company added Stella cl 1-16 (Y78998) in Jun/74 and carried out geological mapping and a small geochemical survey later in the year.
Restaked as WS cl 197-208 (YC91789) in Aug/2009 by BCGold Corp. These claims are part of a larger block of WS (Minfile Occurrence #115I 007) and other claims BCGold optioned from S. Ryan in Nov/2006.

Capsule Geology

The occurrence area is located on the south side of Merrice Creek approximately 4 km up stream from the Yukon River and approximately 5 km east of Western Copper Corp's Williams Creek property (Minfile Occurrence #115I 008). The area was mapped at 1:250 000 scale by Templeman-Kluit (1984) of the Geological Survey of Canada. In 2003 Gordey and Makepeace, also employed by the Geological Survey of Canada released a geological compilation that covered this area. M. Colpron of the Yukon Geological Survey and J. Ryan of the Geological Survey of Canada (2010) under the auspices of the Edges project (Multiple Metals Northwest Canadian Cordillera), part of National Resources Canada's Geomapping for Energy and Minerals (GEM) program recently carried out geological mapping to the north.
Based on the work of these geologists it appears the occurrence is located at the boundary between Upper Jurassic granodiorite assigned to the Granite Mountain batholith and volcanic rocks assigned by Colpron to the Upper Triassic Semenof formation of the Quesnellia terrane. Mineralization consists of disseminated chalcopyrite and bornite in quartz veins cutting metamorphosed volcanics near the contact with the granodiorite. The veins trend east, dip 50° north, and vary from 0.3 to 1.4 m wide. Surface samples collected on the property assayed from 0.28% copper for average samples to 0.92% copper for high grade ore samples. Both types of samples returned trace amounts of gold and silver.
BCGold has not released any results for this portion of the WS claim block. Their web site hosts a map which displays Mobile Metal Ion (MMI) soil sampling results and a theorized Carmacks Copper Gold trend that crosses the eastern portion of the WS claim block. Thus its likely the company staked this area to cover any the possible northward strike extension of any potential mineralization that may be found along the Carmacks Copper Gold trend.

References

BCGOLD CORP, News Release. 27 Nov/2006.

BCGOLD CORP, Jun/2010. Web Site: www. bcgoldcorp.com.

COLPRON, M. (COMPILER), 2006. Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1 000 000 scale). Yukon Geological Survey, Open File 2006-1.

COLPRON, M. AND RYAN, J.J., 2010. Bedrock geology of southwest McQuesten (NTS 115P) and part of northern Carmacks (NTS 115I) map area. In: Yukon Exploration and Geology 2009, K.E. MacFarlane, L.H. Weston and L.R. Blackburn (eds.), Yukon Geological Survey, p. 159-184.

GEOLOGICAL SURVEY OF CANADA, Summary Report 1909, The Wheaton River district by D.D. Cairnes, p. 47-60. (Also in Memoir 284, Yukon Territory by H.S. Bostock, p. 341-342.

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).

MINERAL INDUSTRY REPORT 1974, p. 124.

TAFTI, R. AND MORTENSEN, J.K., 2004. Early Jurassic porphyry (?) copper (-gold) deposits at Minto and Williams Creek, Carmacks Copper Belt, western Yukon. In: Yukon Exploration and Geology 2003, D.S. Emond and L.L. Lewis (eds.), Yukon Geological Survey, p. 289-303.

TEMPLEMAN-KLUIT. D.J., 1984. Geology, Laberge (105E) and Carmacks (115I), Yukon Territory. Geological Survey of Canada, Open File 1101, 1:250 000 scale.

Work History

Date	Work Type	Comment
12/31/1974	Geology	

12/31/1974	Other	Soil and silt sampling.
12/31/1902	Trenching	
12/31/1902	Other	Drift and cross-cuts have aggregate length of 47.2 m. No assays available for underground work.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096798	2016	Compilation Report on the Williams South Project in the Carmacks Copper-Gold Belt, Yukon Territory	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data		
094984	2007	Assessment Report on the WS TOTAL Claims Target Evaluation Program	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
093083	1992	Biophysical Assessment Report of Williams Creek	Silt - Geochemistry, Water - Geochemistry, Data Compilation - Pre-existing Data, Biophysical Mapping - Studies, Environmental Assessment/Impact - Studies, Heritage/Archeological - Studies		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012202	Property examination reports - I. Goulter Crown grants		Property File Collection	Report
ARMC012196	Property submission report: Dennis Anderson's copper prospect		Property File Collection	Report