Occurrence Details

Occurrence Number: 105O 059
Occurrence Name: Scronk
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 8:02:11 AM

General Information

Secondary Commodities: antimony, bismuth, copper, gold, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°34'58" N - -131°25'39" W
NTS Mapsheet(s): 105O11
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Scronk cl 1-9 (YB03818) in Aug/90 by S. Ebert and G. Couture, who performed geological mapping, silt and rock geochemistry and petrographic work in the same year. Restaked as Fan cl 1-10 (YB65330) in May/96 by Eagle Plains Resources Ltd and Miner River Resources Ltd, which carried out reconnaissance geological mapping and rock sampling program later in the year.

Capsule Geology

The area is located in the north-central portion of the Selwyn Basin, near the boundary with the Mackenzie Platform. The area is underlain by Paleozoic sedimentary rocks which have been intruded by mid-Cretaceous granitic intrusions.
The occurrence overlies the intrusive contact between a small mid-Cretaceous, mesocratic porphyritic syenite stock assigned to the Tombstone Suite and a north dipping, Middle to Upper Silurian age, succession of slates, argillites and cherts assigned to the Road River Assemblage. Mineralized veins occur in joints and fractures of the syenite porphyry. The veins range from a few mm to 0.5 m wide and make up 7 to 15% of the rock. They are vuggy, with coarse euhedral quartz crystals and contain variable amounts of sulphides ranging from 5 to 100%. Arsenopyrite is usually the dominant sulphide mineral, but occasionally galena predominates. The quartz-arsenopyrite veins within the intrusion returned Au values ranging from 0.5 g/t to 21 g/t while galena rich veins are very argentifeous with one sample returning 416 g/t Ag.
A set of subparallel veins extends outward from the intrusion into the surrounding succession of slate and argillite; these veins contain mostly arsenopyrite, with lesser amounts of pyrite, pyrrhotite, galena, sphalerite, tetrahedrite, stibnite, chalcopyrite and possible disseminated gold. Arsenopyrite rich veins returned 1.5 to 6 g/.t Au, while polymetallic veins returned Au values up to 36 g/t.
In general, vein widths vary from a few millimetres up to 15 cm with an average width of around 2 cm. Due to steep terrain and the weathered nature of outcrops, vein density is difficult to estimate but Ebert estimated them to be as much as 10% or more. Within the shales and argillites disseminations and pods (1.5 by 0.5 cm) of pyrite, pyrrhotite and arsenopyrite occur between and around the subparallel veins. These pods of sulphides may indicate abundant fluid activity during the mineralization event.
Eagle Plaines and Miner Riversż exploration results generally matched those reported by Ebert and Couture. The companies best selected grab samples returned 14.0 g/t Au and 2 000 ppm Bi and 9.4 g/t Au and 157 ppm Bi.

References

EBERT, S., Feb/91. Assessment Report #092956 by S. Ebert.

EAGLE PLAINS RESOURCES LTD AND MINER RIVER RESOURCES LTD, May/97. Assessment Report #093614 by J.R. Dickie.

GORDEY, S.P., AND MAKEPEACE, A.J., 1999. Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.); Geological Survey of Canada, Open File D3826, and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1 (D).

Work History

Date	Work Type	Comment
12/31/1996	Geochemistry	Program was reconnaissance in nature.
12/31/1996	Geology	Program was reconnaissance in nature.
12/31/1990	Geochemistry	
12/31/1990	Geology	
12/31/1990	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096026	2011	Assessment Report, 2011 Surface Geochemical Exploration Program	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
093827	1997	1997 Geological Assessment Report on Emerald Lake Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		

093614	1996	Geological Assessment Report for the Rog 1-14 and Fan 1-10 Mineral Claims	Rock - Geochemistry, Detailed Bedrock Mapping - Geology		
092956	1991	Assessment Report Geological Descriptions of the Christina and Scronk Claims	Rock - Geochemistry, Silt - Geochemistry, Petrographic - Lab Work/Physical Studies		
091076	1982	The Geology of the Old Cabin Claims	Detailed Bedrock Mapping - Geology, Process/Interpret - Pre-existing Data		
019809	1968	Hess Area Project Proposed Property Follow-Up 1968 Field Season	Research/Summarize - Pre-existing Data		
019033	1968	Atlas Explorations Limited Project Report 1968 Hess River Area	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
018947	1967	Hess River Project Report	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
019032	1967	Hess River Project Report	Data Compilation - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC008209	Topographic map showing Cu, Pb, and Zn geochemical values - Arrowhead Pass area		Property File Collection	Geochemical Map
ARMC008013	Geochemical sample map - Old Cabin Creek area		Property File Collection	Geochemical Map
ARMC008023	Geology of claim map - Old Cabin Creek area		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018192	Field sheet of 105O with notations		Property File Collection	Geoscience Map (General)
ARMC018193	Field sheet of 105O Niddery Lake with geology notations		Property File Collection	Geoscience Map (General)