



Occurrence Details

Occurrence Number: 115I 069

Occurrence Name: Schist

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 7/7/2025 9:01:13 AM

General Information

Secondary Commodities: asbestos, copper, nickel

Deposit Type(s): Ultramafic Mafic Gabbroid Cu-Ni-PGE

Location(s): 62°1'42" N - 137°45'23" W

NTS Mapsheet(s): 115I04

Location Comments: Location from AR096640

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as the Schist cl (Y20593) in Aug/67 by the Aishihik Syndicate (Mt Washington Copper CL, Granite City Platinum L, Coin Canyon ML and Tay River ML. Tay River was controlled by Utica ML, Silver Standard ML and Copper Ridge ML). Restaked as Bug cl (Y50992) in Mar/70 by Largo ML, which conducted mapping and reconnaissance geochem.

Since 2010, this area has received geological mapping, rock and soil geochemical sampling, hand pitting, magnetic and radiometric surveying, and excavator trenching.

Capsule Geology

The Schist occurrence is located within the Yukon-Tanana Terrane. The YTT represents a continental arc that developed along the ancient pacific margin of North America from Late Devonian to Permian. The area is underlain by the Snowcap assemblage metasedimentary rocks that are cut by splay faults and porphyry dykes.

In the Schist area, two epithermal, vein and breccia zones were exposed during excavator trenching, the vein exposures comprise locally drusy, white to dark grey quartz with subtle banding. The breccia is monolithic with sericite-altered green to grey clasts of an unknown protolith. The veins, breccias and hydrothermally-altered metamorphic rocks host gold, silver and arsenic mineralization.

Some of the anomalous rock sampling results include:

- I357278: 1.13 g/t gold, 1.1 g/t silver, 2390 ppm arsenic and 27 ppm antimony
- I357174: 0.873 g/t gold, 9.8 g/t silver, 1965 ppm arsenic and 53 ppm antimony
- I357181: 2.78 g/t gold, 25.7 g/t silver, 955 ppm arsenic and 51 ppm antimony
- I357267: 6.29 g/t gold, 7.6 g/t silver, 3110 ppm arsenic and 26 ppm antimony (AR 096765)

Work History

Date	Work Type	Comment
12/31/1970	Geology	
12/31/1970	Other	
12/31/1970	Other	
12/31/1967	Other	
12/13/2018	Geochemistry	
12/13/2018	Geochemistry	
12/13/2011	Geochemistry	
12/13/2011	Geology	
12/13/2011	Geochemistry	
12/13/2011	Geochemistry	
12/13/2010	Ground Geophysics	
12/13/2010	Geochemistry	
12/13/2010	Geochemistry	
12/13/2010	Ground Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097260	2018	Assessment Report describing Prospecting and Geochemical Sampling on the CD Property	Rock - Geochemistry, Soil - Geochemistry		
095809	2011	Assessment Report Describing Geochemical Sampling, Geological Mapping and Excavator Trenching at the DDD Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Prospecting - Other, Backhoe - Trenching		
095493	2010	Assessment Report Describing Geochemical Sampling and Geophysical Surveys at the DDD Property	Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Silt - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012913	Geology map of Schist Creek area - 115-I-4		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012912	Air photo overlays with silt sample notes - 115I/03, 115I/04, 115I/05 - Air photos no. A11069-100, A11539-366, A11522-239, A11539-365, A11539-375, A11522-227, A11539-376, A11523-226, A11539-374, A11539-363, A13476-78, A13517-323, A11539-361, A11522-244, A13476-79, A13517-324, A11069-27, A11069-100, A11069-98, A11531-42		Property File Collection	Geoscience Map (General)