



Occurrence Details

Occurrence Number: 115J 100

Occurrence Name: Shadow

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 6/16/2025 2:38:01 AM

General Information

Secondary Commodities: gold

Deposit Type(s): Porphyry-related Au

Location(s): 62°19'55" N - -138°8'41" W

NTS Mapsheet(s): 115J08

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Shadow cl (YA92672) in Jul/85 by Kerr Addison, which conducted mapping and geochem surveys later in the year, added additional claims in Jul/86 and performed geological mapping and prospecting later that year and in 1988.

Since 1988, soil sampling has been completed over the Shadow occurrence in 2010 and 2016.

Capsule Geology

The occurrences lies within a large, northwest trending rhyolite dyke swarm intruding andesite and volcanics and a Mesozoic granodiorite body. The area around the occurrence to the south, southeast and west, is comprised of Cretaceous dacite volcanics. Further outside, a larger Jurassic age granodiorite body occurs to the west, southwest and south. Upper Cretaceous basalts overlie all units. Intensely silicified breccia and porphyry dykes occur along a major north-trending lineament.

The breccia varies from moderately to intensely silicified rhyolite porphyry fragments in a siliceous matrix. Some hematitic alteration was also noted. In more strongly silicified breccia, fragments are coated by cryptocrystalline, chaledonic and radiating, drusy quartz. Later stage quartz and chaledony veinlets cut the breccia. A clay-sericite Shadow Zone alteration zone with quartz stringers surrounds the Shadow Zone. West and north of Shadow, three other altered zones occur. Brecciation, quartz veining and/or silicification occur in areas up to 100m long and 15m wide. One zone is surrounded by a 130m wide area of moderate clay alteration, weak sericite and quartz stringers.

Gold results are weak however values of 303 ppm As, 13.1 ppm Sb and 370 ppb Hg were encountered.

Work History

Date	Work Type	Comment
12/31/1988	Geochemistry	
12/31/1988	Ground Geophysics	VLF-EM 16 survey.
12/31/1986	Geochemistry	
12/31/1986	Geology	1:50 000 scale.
12/31/1986	Geochemistry	
12/31/1986	Geochemistry	
12/31/1985	Geochemistry	
12/31/1985	Geology	1:50 000 scale.
12/31/1985	Geochemistry	
12/31/1985	Geochemistry	
12/13/2016	Geochemistry	
12/13/2016	Geochemistry	
12/13/2010	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096947	2016	Assessment Report Describing Geochemical Sampling	Soil - Geochemistry		
096122	2010	Beringia Gold Corporation-Mineral Exploration Summary-Hay Project	Soil - Geochemistry		

092574	1988	Assessment Report-Shadow Claims 1-24-1988 Soil and VLF Surveys	Soil - Geochemistry, EM - Ground Geophysics		
091865	1986	Assessment and in House Report-Geological and Geochemical Report on the Shadow 1-24 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC006908	Geology map - Shadow M.C.		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC004708	Field notebook on Shadow claims VLF		Property File Collection	Miscellaneous Company Documents
ARMC004709	Field notebook on Shadow claims soil samples		Property File Collection	Miscellaneous Company Documents
ARMC004710	Sketch map on Shadow zone and Creek zone		Property File Collection	Geoscience Map (General)
ARMC004711	Field data on Shadow claims - Target 21		Property File Collection	Miscellaneous Company Documents
ARMC010038	Shadow map - Contoured total field magnetics		Property File Collection	Geophysical Map
ARMC016552	Photo interpretation map - 115J/8 - Apex Mountain		Property File Collection	Geoscience Map (General)
ARMC016551	Geochemical map - 115J/8 - Apex Mountain		Property File Collection	Geochemical Map
ARMC016550	Geology map - 115J/8 - Apex Mountain		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016553	Coloured geology map with notations - 115J/8 - Apex Mountain		Property File Collection	Geoscience Map (Geological - Bedrock)