



Occurrence Details

Occurrence Number: 115F 087

Occurrence Name: Mint

Occurrence Type: Hard-rock

Status: Showing

Date printed: 12/18/2025 4:54:23 AM

General Information

Secondary Commodities: copper, gold

Aliases: Canyon Mountain

Deposit Type(s): Porphyry Cu-Mo-Au

Location(s): 61°47'59" N - -140°53'45" W

NTS Mapsheet(s): 115F15

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Can cl (YA75333) in Nov/82 by Homestake MI Dev C, which performed mapping and geochem sampling in 1983.

Capsule Geology

Anomalous gold and base metal values are present in streams draining felsic to intermediate tuff of the Miocene to Pliocene Wrangell Volcanics. These are cut by diorite and feldspar porphyry and overlain by andesite and sedimentary rocks.

Two fault sets striking north and northwest are believed to control an elliptical area of weakly propylitic to strongly sericitic alteration, silicification and pyritization measuring 2 100 by 750 m.

Chalcopyrite, the only economic mineral seen, occurs in quartz veins, stockworks and altered intrusive rock. The highest gold value from a rock sample was 240 ppb.

References

DODDS, C.J., AND CAMPBELL, R.B., 1992. Overview, legend and mineral deposit tabulations for Geological Survey of Canada Open Files 2188, 2189, 2190 and 2191.

HOMESTAKE MINERAL DEVELOPMENT COMPANY, Dec/83. Assessment Report *#091499 by R.T. Boyd and M. Flanagan.

YUKON EXPLORATION AND GEOLOGY 1983, p. 246-247.

Work History

Date	Work Type	Comment
9/1/2018	Geochemistry	
9/1/2018	Geochemistry	
9/1/2012	Geochemistry	
9/1/2012	Drilling	5 holes, 1767.83 m
9/1/2012	Other	
9/1/2012	Geochemistry	
9/1/2012	Lab Work/Physical Studies	
9/1/2012	Geochemistry	
9/1/2012	Geology	
9/1/2011	Ground Geophysics	
9/1/2010	Geochemistry	
9/1/2010	Geochemistry	
9/1/2010	Airborne Geophysics	
9/1/2010	Airborne Geophysics	
9/1/1983	Geochemistry	
9/1/1983	Geochemistry	
9/1/1983	Geochemistry	

12/31/1983	Geology	
12/31/1983	Other	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096546	2012	Assessment Report Describing Geological Mapping, Prospecting, Geochemical Sampling, Diamond Drilling, and Petrographic Studies at the Mint Property	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Petrographic - Lab Work/Physical Studies, Line Cutting - Other	5	1767.83
095463	2011	Assessment Report Describing Induced Polarization Survey at the Mint Property	IP - Ground Geophysics		
095421	2010	Assessment Report Describing Geochemical Sampling and Airborne Geophysical Surveys at the Mint Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Silt - Geochemistry, Soil - Geochemistry		
091499	1983	Geological and Geochemical Investigation on the Rabbit-Canyon Mountain Claim Group	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
M12-01A	Mint	2012	NQ2	6	4
M12-01b	Mint	2012	NQ2	2	2
M12-02	Mint	2012	NQ2	58	2
M12-03	Mint	2012	NQ2	40	2
M12-04	Mint	2012	NQ2	59	2
M12-05	Mint	2012	NQ2	66	2