



Occurrence Details

Occurrence Number: 105D 223

Occurrence Name: Gulch

Occurrence Type: Hard-rock

Status: Showing

Date printed: 4/28/2025 4:37:47 PM

General Information

Secondary Commodities: copper

Aliases: Whitehorse Copper

Deposit Type(s): Skarn

Location(s): 60°43'42.3" N - -135°10'40.25" W

NTS Mapsheet(s): 105D11

Location Comments: Georeferenced from open file 1984-1.

Hand Samples Available: No

Last Reviewed:

Capsule

The Whitehorse Copper Belt is located west of Whitehorse and contains 30+ mines, deposits and showings. By 1900, most of the important deposits had been discovered and the first small ore shipment was made that year. Many of the occurrences in the Copper Belt are skarns. The skarns form on or near the contact between the Whitehorse batholith and the Lewes River group. The Whitehorse batholith is commonly a grey coarse-grained hornblende granite and ranges from quartz monzonite to granodiorite to diorite. The Lewes River group contains numerous different rock types, most importantly of which is the limestone group, which is essential in the formation of skarns in the area. A small number of occurrences within the Copper Belt are vein and/or replacement and occur within the Whitehorse batholith granite.

The Gulch occurrence is hosted in interbedded limestone intruded by Whitehorse batholith granite. Mineralization of the surrounding skarn deposits (MINFILE occurrence 105D 222) consists dominantly of chalcopyrite, hematite and bornite (Open File 1984-1).

Work History

Date	Work Type	Comment
12/13/1970	Geochemistry	
12/13/1967	Geology	
12/13/1967	Ground Geophysics	
12/13/1967	Ground Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
062018	1973	Preliminary Report on Geological Control to Ore Distribution in the Whitehorse Copper Belt	Reverse Circulation - Drilling, Bedrock Mapping - Geology, Petrographic - Lab Work/Physical Studies	665	5555
018884	1967	Geological Mapping, Magnetometer and Electro Magnetic Survey	Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
062227	1966	An Evaluation of the New Imperial Mines Ltd.	Feasibility - Studies		
091123	1964	Summary of assessment work for 316 claims	Diamond - Drilling	46	3652.57

Related References

Number	Title	Page(s)	Reference Type	Document Type
1984-1	The Whitehorse Copper Belt - A Compilation		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)