



Occurrence Details

Occurrence Number: 105D 224

Occurrence Name: Copper King

Occurrence Type: Hard-rock

Status: Deposit

Date printed: 4/28/2025 7:42:05 PM

General Information

Primary Commodities: copper, gold, molybdenum, silver

Aliases: Whitehorse Copper

Deposit Type(s): Skarn

Location(s): 60°44'22.86" N - -135°8'34.9" W

NTS Mapsheet(s): 105D11

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 Copper King deposit occurs in an irregular shaped roof pendant of limestone (Lewes River group) and skarn, about 600 feet in diameter and is enclosed in the north, east and south by a hornblende rich granite (Whitehorse batholith). The contact is marked by a strong alteration from limestone to brown garnet and epidote. Mineralization is in the form of bornite and chalcopyrite.

Assays for the copper ore at the Copper King 0.01 oz. per ton and 3.58% Cu. Production between 1900 to 1908 was 453 tonnes of ore at 15% Cu and 68.57 g/t Ag and production between 1915 and 1920 was 2 982 tonnes at 10% Cu.

Work History

Date	Work Type	Comment
12/13/1997	Geochemistry	
12/13/1997	Other	
12/13/1997	Trenching	
12/13/1997	Trenching	
12/13/1997	Trenching	
12/13/1997	Other	
12/13/1996	Geochemistry	
12/13/1996	Other	
12/13/1996	Trenching	
12/13/1996	Other	
12/13/1967	Geology	
12/13/1967	Ground Geophysics	
12/13/1967	Ground Geophysics	
12/13/1964	Drilling	
12/13/1964	Ground Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093895	1997	Assessment Report for the Exploration Work on the DM 1-8 Quartz Mining Claims	Rock - Geochemistry, Line Cutting - Other, Prospecting - Other, Hand - Trenching, Handblast - Trenching, Mechanical - Trenching		
		Assessment Report for the Exploration Work on the DM 1-8 Quartz	Rock - Geochemistry, Line Cutting - Other, Prospecting - Other		

093635	1996	Assessment Report for the Exploration Work on the DM 1-6 Quartz Mining Claims	Rock - Geochemistry, Line Cutting - Other, Prospecting - Other, Mechanical - Trenching		
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		
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)
ARMC004783	Correspondence Re: Copper King - Carlisle Drilling		Property File Collection	Miscellaneous Company Documents
ARMC004785	Survey map - Kopper King grid		Property File Collection	Geoscience Map (General)