



Occurrence Details

Occurrence Number: 105D 227
Occurrence Name: Empress Of India
Occurrence Type: Hard-rock
Status: Showing
Date printed: 4/28/2025 4:44:30 PM

General Information

Secondary Commodities: copper
Aliases: Whitehorse Copper
Deposit Type(s): Skarn
Location(s): 60°40'33.7" N - -135°7'22.79" 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.

Empress of India is located directly south of Spring Creek and is located within a similar environment. The deposit is located along a contact between the Lewes River limestone and Whitehorse batholith granite. The limestone is altered to grey marble and secondary minerals such as garnet, wollastonite, tremolite, actinolite, epidote, magnetite, quartz and calcite replace the contact. Mineralization is also present as bornite, chalcopyrite, pyrite, and minor scheelite. On the bank of a nearby creek, oxidation of the minerals has stained the rock green.

Work History

Date	Work Type	Comment
12/13/1977	Drilling	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090823	1980	[Diamond Drill Log - Whitehorse Copper Belt]	Diamond - Drilling, Drill Core - Geochemistry	7	1208.83
091125	1977	[Drilling on the Parke, Ross, Zircon, Jean, Jay and New Claims]	Diamond - Drilling	7	1119.22
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
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)