



Occurrence Details

Occurrence Number: 105D 218
Occurrence Name: Black Cub South
Occurrence Type: Hard-rock
Status: Deposit
Date printed: 4/28/2025 7:58:16 PM

General Information

Primary Commodities: copper, gold, molybdenum, silver
Aliases: Whitehorse Copper
Deposit Type(s): Skarn
Location(s): 60°34'15.6" N - -134°56'49.2" W
NTS Mapsheet(s): 105D10
Hand Samples Available: No
Last Reviewed:

Capsule

The Whitehorse Copper Belt is located west of Whitehorse and contains 30+ mines, deposits and showings. 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 Black Cub South deposit is located at the contact between the Lewes river limestone and the Whitehorse batholith granite. The visible skarn is garnet rich and has minor amounts of bornite and malachite. Economic elements include Cu, Ag, and Au.

At the Black cub south deposit, 187 214 tonnes at 1.61% Cu was produced between 1970 and 1971.

Work History

Date	Work Type	Comment
12/13/2014	Pre-existing Data	
12/13/2008	Drilling	
12/13/2008	Ground Geophysics	
12/13/2008	Geochemistry	
12/13/1998	Geochemistry	
12/13/1998	Geochemistry	
12/13/1988	Drilling	2 holes completed
12/13/1988	Geochemistry	
12/13/1981	Drilling	2 holes completed
12/13/1975	Ground Geophysics	
12/13/1974	Drilling	2 holes completed
12/13/1974	Geochemistry	
12/13/1973	Geology	
12/13/1970	Drilling	
12/13/1970	Development, Surface	
12/13/1970	Development, Underground	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096680	2014	Summary Report Documenting the Cowley, Keewenaw and Gem Copper Deposits on the Lobo Property	Research/Summarize - Pre-existing Data		
095193	2008	Drilling and Geophysical Assessment Report on the Whitehorse Copper Belt Project	Diamond - Drilling, Drill Core - Geochemistry, IP - Ground Geophysics	21	2134.10
094024	1998	[Geological Report on the Sue.Jim.Ace.Dennis.Gem and Lobo Claims]	Rock - Geochemistry . Soil - Geochemistry		

092606	1988	Assessment Report of Diamond Drilling for Whitehorse Copper Mines on Emily 2 and Jim 13 Claims	Diamond - Drilling, Drill Core - Geochemistry	2	144.80
090899	1981	[Drilling on the Jim 13 and 16 Mineral Claims]	Diamond - Drilling	2	316.38
061253	1975	Report on Induced Polarization Survey in the Whitehorse Area	IP - Ground Geophysics		
092025	1974	[Proposed 1974 Exploration of the Cowley Park and War Eagle Properties]	Property Evaluation - Other		
061172	1974	[Proposed 1974 Exploration of the Cowley Park and War Eagle Properties]	Property Evaluation - Other		
061173	1974	Report on Exploratory Work on Whitehorse Copper Belt	Diamond - Drilling, Drill Core - Geochemistry, IP - Ground Geophysics	10	2222.29
060524	1973	[Geology, DDH sections and Cross Sections of the Black Cub South Zone]	Bedrock Mapping - Geology		
091119	1973	[Diamond Drilling on the Sue and Jim Claims]	Diamond - Drilling, Drill Core - Geochemistry	5	787.29
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
090945	1970	[Drilling, Stripping and Road Construction on the Whitehorse Copper Belt Project]	All Weather Road - Development, Surface, Drifting/Raising - Development, Underground, Diamond - Drilling	5	206.96
062227	1966	An Evaluation of the New imperial Mines Ltd.	Feasibility - Studies		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC004837	Report - Black Cub exploration drilling		Property File Collection	Report
ARMC004890	Notes on field visit - Black Cub area		Property File Collection	Miscellaneous Company Documents
ARMC004850	Sketch map showing Grizzly Cub, Black Cub, Kodiak Cub, Keeweenaw claims, plus notes		Property File Collection	Geoscience Map (General)