



## Occurrence Details

**Occurrence Number:** 105D 215

**Occurrence Name:** Kodiak Cub

**Occurrence Type:** Hard-rock

**Status:** Deposit

**Date printed:** 4/28/2025 4:32:12 PM

## General Information

**Primary Commodities:** copper

**Aliases:** Whitehorse Copper

**Deposit Type(s):** Skarn

**Location(s):** 60°34'44.76" N - -134°57'15.18" W

**NTS Mapsheet(s):** 105D10

**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 Kodiak Cub deposit is hosted in interbedded dolomite underlain by pyritic siltstone and crosscut by basaltic dykes. Mineralization consists dominantly of bornite and magnetite with lesser chalcocopyrite (Open File 1984-1). Ore calculations in 1971 (not NI 43-101 compliant) determined the deposit contains 57,000 tonnes of Cu grading 1.17% (Open File 1984-1).

Diamond drilling in 1987 intersected magnetite-serpentine-bornite skarn with grades of 2.9% Cu, 0.13 oz/ton Au, and 0.62 oz/ton Ag over 15.2 feet (AR 091718).

### Work History

Date	Work Type	Comment
12/13/1987	Drilling	1 hole.
12/13/1979	Drilling	2 holes.
12/13/1973	Geology	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">097154</a>	2017	Preliminary Geological Mapping on the Dennis 3, Lobo 1, and Gem 1 Claims	Bedrock Mapping - Geology, Prospecting - Other		
<a href="#">096680</a>	2014	Summary Report Documenting the Cowley, Keewenaw and Gem Copper Deposits on the Lobo Property	Research/Summarize - Pre-existing Data		
<a href="#">095193</a>	2008	Drilling and Geophysical Assessment Report on the Whitehorse Copper Belt Project	Diamond - Drilling, Drill Core - Geochemistry, IP - Ground Geophysics	21	2134.10
<a href="#">094024</a>	1998	[Geological Report on the Sue,Jim,Ace,Dennis,Gem and Lobo Claims]	Rock - Geochemistry, Soil - Geochemistry		
<a href="#">091718</a>	1987	Diamond Drilling Assessment Report on Whitehorse Copper Mines Ltd.	Diamond - Drilling	3	257.40
<a href="#">091121</a>	1979	[Diamond Drilling on the Jim and Sue Mineral Claims]	Diamond - Drilling	8	872
<a href="#">092025</a>	1974	[Proposed 1974 Exploration of the Cowley Park and War Eagle Properties]	Property Evaluation - Other		
<a href="#">061172</a>	1974	[Proposed 1974 Exploration of the Cowley Park and War Eagle Properties]	Property Evaluation - Other		
<a href="#">061173</a>	1974	Report on Exploratory Work on Whitehorse Copper Belt	Diamond - Drilling, Drill Core - Geochemistry, IP - Ground Geophysics	10	2222.29
<a href="#">062018</a>	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
<a href="#">090945</a>	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
<a href="#">091116</a>	1968	[Diamond Drilling on the Gem 1 Claims]	Diamond - Drilling	10	950.21
<a href="#">062227</a>	1966	An Evaluation of the New Imperial Mines Ltd.	Feasibility - Studies		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC004850</a>	Sketch map showing Grizzly Cub, Black Cub, Kodiak Cub, Keeweenaw claims, plus notes		Property File Collection	Geoscience Map (General)
<a href="#">1984-1</a>	The Whitehorse Copper Belt - A Compilation		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)