



Occurrence Details

Occurrence Number: 105D 125
Occurrence Name: Rabbit-Foot
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/15/2025 1:06:00 PM

General Information

Secondary Commodities: copper, gold, molybdenum
Aliases: Whitehorse Copper, Foot
Deposit Type(s): Skarn Cu
Location(s): 60°44'56.87" N - -135°8'58.43" W
NTS Mapsheet(s): 105D14
Location Comments: .5 Kilometres
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 claims are situated in the overburden-covered Yukon River valley. The Foot occurrence consists of copper mineralization hosted by a bed of Lewes River Group skarnified limestone near its contact with a small body of mid-Cretaceous Whitehorse Plutonic Suite granite (Hart, 1997). Kindle (1964) reports that the workings, two small shafts, are located about 370 m west of the caved Anaconda adit (Minfile Occurrence #105D 200).

A copper bearing skarn zone, 30 m long and 10 m wide is found in limestone about 13 m north of the granite contact (Kindle, 1964). Bornite is found in the shafts across a 2.2 m width of skarn rock. Prominent secondary minerals include wollastonite, epidote, garnet, and augite. About 125 m northeast of the shaft area bornite and chalcopryrite impregnate skarn rock over a 10 m exposure and averages >1 % Cu.

Hudson Bays 1984 drill hole tested a northerly trending weak EM-16 and Max-Min conductor. It encountered 60.5 m of overburden followed by granodiorite (Stroshein, 1984). The 1987 hole tested the same conductor and intersected limestone, marble, and granodiorite. A 2.75 m wide calcareous -carbonaceous clay zone was the presumed source of the electro-magnetic anomaly (Stroshein, 1987).

The 1976 drill hole collared on the We claims intersected traces of chalcopryrite, molybdenite, cuprite and native copper in diorite. The 1977 hole tested an IP anomaly and intersected pyritic quartzite. The 1981 holes tested geological targets and did not intersect copper mineralization.

In 1995 Hamel trenched on the Hat claims and exposed two mineralized limestone exoskarns and a mineralized granodiorite endoskarn 200 m north of the defunct War Eagle open pit. Rock samples yielded up to >7 000 ppb gold and 8.91 % Cu (Peer, 1997). Further excavator trenching and sampling in 1998 returned several samples grading >0.5 % Cu over 5 m (Peer, 1998).

Work History

Date	Work Type	Comment
12/31/1996	Trenching	Excavator trenching on Hat claims.
12/31/1996	Other	Prospecting carried out on Cat claims.
12/31/1995	Trenching	On Hat claims.
12/31/1990	Geochemistry	
12/31/1990	Other	
12/31/1986	Drilling	One hole, 87.2 m.
12/31/1984	Drilling	One hole, 112.6 m.
12/31/1981	Drilling	Two holes, 332.8 m.
12/31/1977	Drilling	One hole, 65.8 m.
12/31/1976	Drilling	One hole, 225.2 m.
12/31/1975	Ground Geophysics	Also I.P. survey.
12/13/1990	Trenching	
12/13/1990	Geology	

12/13/1973	Geology	
12/13/1973	Lab Work/Physical Studies	
12/13/1970	Geochemistry	
12/13/1967	Drilling	
12/13/1967	Other	
12/13/1967	Ground Geophysics	
12/13/1967	Ground Geophysics	
12/13/1967	Geology	
12/13/1964	Drilling	
12/13/1909	Development, Underground	Two shafts dug prior to 1909.

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095076	2008	Assessment Report on the 2008 Diamond Drilling Program on Bornite,Heather 4 and Gin 12 Claims, Whitehorse Copper Belt	Diamond - Drilling	4	1530.90
092922	1990	Fox 1-16 MC Prospecting, Trenching and Geochemistry	Rock - Geochemistry, Detailed Bedrock Mapping - Geology , Prospecting - Other, Backhoe - 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
060011	1970	Geochemical Survey - Summer 1970	Soil - Geochemistry		
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
ARMC004784	Map - Rabbit's Foot drill site		Property File Collection	Geoscience Map (General)

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
87-RF-4	Rabbits Foot	1987	NQ	10	2
84-1-RF-3	Rabbits Foot	1984	NQ	8	1