



Occurrence Details

Occurrence Number: 105D 222

Occurrence Name: Pueblo

Occurrence Type: Hard-rock

Status: Deposit

Date printed: 4/28/2025 4:40:18 PM

General Information

Primary Commodities: copper, gold, silver

Aliases: Whitehorse Copper

Deposit Type(s): Skarn

Location(s): 60°43'26.15" N - -135°10'32.37" 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. 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 orebody at the Pueblo deposit occurs within the grey crystalline limestone (Lewes River) intruded by grey hornblende granite (Whitehorse batholith), and are typical contact-metamorphic deposits. The limestone is northerly and northeasterly trending unit up to 800 ft. (244 m) wide. Ore minerals include fine and specular hematite, malachite, azurite, chalcopyrite, bornite, chrysocolla and cuprite. The skarn also presents tremolite, epidote and garnet.

Nearby to the North, scheelite occurs within quartz veins in the granite. The lenticular vein is 110 ft. (34 m) long and 3 ft. (0.9 m) wide at its widest and occurs along a small fault. The vein carries 1-3% bornite and 1-3% scheelite. A second pegmatitic quartz vein stained with copper and has 2% scheelite is located nearby.

The highest production at Pueblo occurred between 1912 and 1920 when 127 000 tonnes of ore was produced at 3.9% Cu.

Work History

Date	Work Type	Comment
12/13/1990	Trenching	
12/13/1990	Geochemistry	
12/13/1990	Geology	
12/13/1990	Other	
12/13/1973	Geology	
12/13/1973	Lab Work/Physical Studies	
12/13/1967	Other	
12/13/1967	Ground Geophysics	
12/13/1967	Ground Geophysics	
12/13/1967	Geology	
12/13/1966	Studies	
12/13/1964	Drilling	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
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		

062227	1966	An Evaluation of the New imperial Mines Ltd.	Feasibility - Studies		
091123	1964	Summary of assessment work for 316 claims	Diamond - Drilling	46	3652.57

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC004814	Interpreted geology map - 200' level - 2455 elev. - Pueblo mine		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC004861	Summary report - Pueblo mine		Property File Collection	Report
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)
ARMC014223	Drillhole location map - Pueblo area		Property File Collection	Geoscience Map (General)
ARMC004818	Exploration composite map - 200' level - Pueblo area		Property File Collection	Geoscience Map (General)
ARMC004817	Long section map - Pueblo mine		Property File Collection	Geoscience Map (General)
ARMC004886	Magnetic survey map - I.P. chargeability contours from 1970 survey - Anomaly 'B' - Pueblo grid		Property File Collection	Geophysical Map
ARMC004816	Summary Re: Pueblo area		Property File Collection	Miscellaneous Company Documents
ARMC004815	Report - Pueblo exploration		Property File Collection	Report
ARMC004819	Correspondence Re: Pueblo area drilling		Property File Collection	Miscellaneous Company Documents