Occurrence Details

Occurrence Number: 105F 122
Occurrence Name: Whyte
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 9:31:24 PM

General Information

Secondary Commodities: arsenic, copper, gold, lead, silver
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 61°31'15" N - -132°21'41" W
NTS Mapsheet(s): 105F09
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as White cl (YA99886) in Mar/87 by Mountain Province Mg Inc, which performed mapping and geochem surveys later in the year. Whyte cl (YB10202) were added to the southeast in Dec/87. Bulldozer trail construction, excavator trenching, IP and magnetometer surveys were conducted on the claim group in 1989.
Mountain Province conducted a 23 hole (1548 m) NQ diamond drill program on the White claims in Aug and Sep/93.

Capsule Geology

Three silver and gold occurrences occur in Lower Cambrian carbonate rocks. The Lake Zone, a 7 cm northeast-striking massive sulphide vein in Cambrian dolomite, is surrounded by a large polymetallic soil anomaly. A specimen of massive sulphide contained 1256 g/t Ag, 0.45 g/t Au, 58.0% Pb, 1.0% As and 0.4% Cu. A specimen containing disseminated galena returned 86.4 g/t Ag and 3.1% Pb while limonitic grab samples contained up to 0.8 g/t Au and 2630 ppm As.
The West zone consists of a layer of of limonite, locally stained with malachite and scorodite, immediately underlying green mudstone. Specimens of limonite assayed up to 5.8 g/t Au, 78.0 g/t Ag, 1.9% As, 0.2% Pb and 1.4% Cu. Associated siderite contained arsenopyrite, chalcopyrite, pyrite and pyrrhotite and assayed up to 1.2% Cu and 4.5% As. Diamond drilling in 1993 in this zone located low grade gold mineralization of up to 1240 ppb across 0.50 m. The gold is associated with two types of mineralization: massive pyrite-arsenopyrite lenses within a west-dipping shear zone; and a linear, northwest trending zone of secondary iron carbonate-quartz-chlorite alteration or replacement in the upper part of Lower Cambrian strata. The carbonate-quartz-chlorite zone contains disseminated pyrite, pyrrhotite, arsenopyrite and chalcopyrite with minor galena and sphalerite.
The East zone consists of siderite-pyrite-arsenopyrite veins which cut Cambrian limestone. Vein specimens assayed up to 41.8 g/t Au and 31.0 g/t Ag while chip samples returned 2.1 g/t Au across 3.7 m, and 12.2 g/t over 2.1 m. The 1993 drill program intersected 6 metres of carbonate-quartz-chlorite containing disseminated sulphides but almost no gold.

References

GEORGE CROSS NEWSLETTER, 3 Aug/93; 13 Oct/93.

MOUNTAIN PROVINCE MINING INC., Mar/90. Assessment Report #092820 by C.G. Verley.

MOUNTAIN PROVINCE MINING INC., Feb/94. Assessment Report #093176 by C.G. Verley.

VANCOUVER STOCK EXCHANGE Open File, 1990.

Work History

Date	Work Type	Comment
12/31/1988	Geochemistry	
12/31/1987	Geology	
12/31/1987	Geochemistry	
12/31/1987	Geochemistry	
12/31/1987	Other	
12/31/1987	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092820	1989	Geological, Geochemical and Geophysical Report on the Eve, PS, White and Whyte Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics, Magnetics - Ground Geophysics, Backhoe - Trenching		
092656	1988	Geochemical Report on the Eve, White and Whyte Claims	Soil - Geochemistry		

091996	1987	Preliminary Geological and Geochemical Report on the Eve and White Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics, Magnetics - Ground Geophysics, Backhoe - Trenching		
062300	1987	Report on the White-Eve Property	Rock - Geochemistry, Bedrock Mapping - Geology, Data Compilation - Pre-existing Data		