

# **Occurrence Details**

Occurrence Number: 105F 122 Occurrence Name: Whyte Occurrence Type: Hard-rock Status: Prospect Date printed: 6/16/2025 1:08:48 AM

## **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 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	

Meters Drilled

Assessment Reports that overlap occurrence								
Report Number	Year	Title	Worktypes	Holes Drilled				
<u>092820</u>	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					

<u>091996</u>	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	
<u>062300</u>	1987	Report on the White-Eve Property	Rock - Geochemistry, Bedrock Mapping - Geology, Data Compilation - Pre-existing Data	