Occurrence Details

Occurrence Number: 105O 039
Occurrence Name: Old Cabin
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 8:02:43 AM

General Information

Secondary Commodities: copper, gold, lead, molybdenum, silver
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°41'49" N - -131°25'37" W
NTS Mapsheet(s): 105O11
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Cabin cl 1-123 (YA63717) and Old cl 1-62 (YA75930) in Aug/81 by Union Carbide Canada Ltd, which performed mapping and geochem sampling in 1981 and 1982 and an aeromagnetic survey in 1982.
In Apr/95 B. Lueck staked HR cl 1-64 (YB44117) just east of the showing, and subsequently optioned them to Yukon Gold Corp. In the summer of 1995, the company carried out an exploration program consisting of geological mapping, prospecting, rock chip and soil sampling.
In Jul/96 Yukon Gold staked Ben cl 1-64 (YB65677) overtop of the expired HR claims and conducted further exploration work. In Jun/97 the Ben claims were optioned to Cyprus Canada Inc, which carried out a reconnaissance sampling program later in the summer.
Eagle Plains Resources Ltd and Miner River Resources Ltd restaked the occurrence as Cabin cl 1-6 (YB65391) in Jun/96 and carried out a reconnaissance exploration program later in the year.

Capsule Geology

The area is located in the Selwyn Basin and was first staked to cover a small Tombstone Suite Pluton. The Old Cabin Pluton is about 2.5 km in diameter . Cecile (1998) described it as a Upper Cretaceous, biotite, granite to quartz monzonite pluton. It intrudes a Upper Proterozoic to Ordovician sequence of sedimentary and basic and volcano-clastic rocks. The sedimentary sequence consists of mainly shales, argillites, quartzites, cherts and conglomerates. The volcanic rocks consist of basic volcaniclastics, breccias, lappili tuffs, flows, sills and dykes and occurs as a thick succession and tongues in the under and overlying sedimentary rocks.
The contact between the pluton and sedimentary rocks is quite sharp with the zone generally measuring only several metres wide. Fine grained clastics surrounding the pluton have been metamorphosed to a dark fine-grained, magnetite bearing hornfel that is defined by its strong magnetic signature. A 100 m by 50 m skarn zone was noted on the western edge of the pluton.
Two types of mineralization have been recognized. The first comprises 1 cm wide quartz or quartz-calcite veins containing arsenopyrite, pyrite, pyrrhotite and molybdenum that cut the granodiorite and hornfelsed sedimentary rocks. These veins are common throughout the area but have no significant width or stike length. The other is a skarn-style consisting mainly of pyrrhotite and magnetite in calcite rich matrix and massive pyrrhotite. Minor amounts of pyrite, chalcopyrite and smithsonite have been observed in float material. Textures of the skarn vary from banded, to brecciated to fine grained homogeneous.
Union Carbide Exploration noted arsenopyrite-bearing veins with minor pyrite, chalcopyrite and argentiferous galena at six locations within the hornfelsed sequence of sedimentary rocks. The individual veins range from 1 to 15 cm wide, and produced assays up to 22.5 g/t Au. Molybdenite-bearing quartz veins were also found cutting the stock.
Yukon Gold explored for and targeted their exploration efforts towards finding Fort Knox style mineralization within the intrusion. Soil sampling and chip sampling outline a large gold and arsenic anomaly on the HR claims. Follow up work carried on the restaked Ben claims returned gold values ranging up to 1.35 g/t Au in hornfelsed sediments.
Cyprus Canada collected 11 rock samples from the east and west contact zones. Two samples returned gold values of 5 396 ppb Au and 4 942 ppb Au. Both samples were collected from the west contact zone. The first sample was taken from quartz vein float located on a ridge top and contained 1 - 2% disseminated galena. The second was collected from a 0.3 m wide quartz-chalcedonic vein mineralized with a silvery sulphide (arsenopyrite?) hosted in hornfelsed black chert horizon below an old trench. A zone of bleaching and clay alteration was noted. These two samples also assayed high in Cu, Pb, Ag, Zn, As Hg and Sb.
Eagle River and Miner River Resources carried out an reconnaissance program to evaluate some of the quartz-arsenopyrite veins located in the hornfelsed sediment/volcanic rocks. Grab samples collected from veins located on their claim block returned up to 6.7 g/t Au and moderate to highly anomalous values for Bi (3 000 ppm max).

References

CECILE, M.P. 1998. Geology and structure cross-section, Arrow Lake, Yukon Territory; Geological Survey of Canada, Map 1943A, scale 1:50 000.

CYPRUS CANADA INC, Apr/98. Assessment Report #093827 by X. Jiang and D. Broughton.

EAGLE PLAINS RESOURCES LTD AND MINER RIVER RESOURCES LTD, May/97. Assessment Report #093616 by J. Dickie.

GEOLOGICAL SURVEY OF CANADA Open File 1118.

UNION CARBIDE EXPLORATION CORP, Aug/82. Assessment Reports #091076 by D.H. James.

UNION CARBIDE EXPLORATION CORP, Jan/83. Assessment Reports #091404 by D.H. James.

YUKON EXPLORATION AND GEOLOGY 1981, p. 176; 1982, p. 165.

YUKON GOLD CORP, Jun/96. Assessment Report #093500 by B.A. Lueck.

YUKON GOLD CORP, Jun/97. Assessment Report #093697 by B.A. Lueck and Z. Pudor.

Work History

Date	Work Type	Comment
12/31/1997	Geochemistry	
12/31/1996	Geochemistry	
12/31/1996	Geology	
12/31/1996	Trenching	
12/31/1995	Geology	
12/31/1995	Geochemistry	Also rock sampling.
12/31/1995	Other	
12/31/1982	Airborne Geophysics	
12/31/1981	Geology	
12/31/1981	Geochemistry	
12/31/1981	Geochemistry	Ra-analysis of previous collected samples.
12/31/1981	Other	
12/13/1982	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096026	2011	Assessment Report, 2011 Surface Geochemical Exploration Program	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
093827	1997	1997 Geological Assessment Report on Emerald Lake Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
093500	1995	Geological and Geochemical Assessment Report for the HR 1-64 Claims and ET 1-16 Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
091076	1982	The Geology of the Old Cabin Claims	Detailed Bedrock Mapping - Geology, Process/Interpret - Pre-existing Data		
019033	1968	Atlas Explorations Limited Project Report 1968 Hess River Area	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
018947	1967	Hess River Project Report	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
019032	1967	Hess River Project Report	Data Compilation - Pre-existing Data		