



Occurrence Details

Occurrence Number: 106C 023
Occurrence Name: Cob
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/29/2025 11:23:41 PM

General Information

Secondary Commodities: cadmium, lead, silver, zinc
Aliases: Corn Creek Property
Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)
Location(s): 64°46'15" N - -133°1'53" W
NTS Mapsheet(s): 106C14
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Rob, etc cl (Y84848) in Aug/73 by Barrier Reef Resources Ltd, which conducted mapping and sampling later in the year and optioned the property in Mar/74 to Consolidated Coast Silver Mines Ltd. The property was explored in 1974 with mapping, soil sampling and one x-ray hole (12 m). The adjoining Rain cl (Y85462) to the east were staked in Sep/73 by Pine Lake Mining Company Ltd, which carried out geochem surveys and mapping in 1974, and changed its name to Marge Enterprises Ltd in 1975. Coast Silver changed its name to New Coast Silver Mines Ltd early in 1976. Between Sept and Oct/95 the three occurrences were restaked as Red cl 1-20 (YB65052) by J. Hajek.

Capsule Geology

The area is underlain by a generally conformable sequence of Upper Proterozoic carbonate and clastic strata that dip gently to the east. Regional Laramide deformation produced northwest-trending open folds cut by numerous parallel reverse, normal and thrust faults. Three showings found over a length of 3700 m on Profeit Mountain consist of sphalerite and galena in quartz gangue with lesser amounts of pyrite and calcite and a trace of tetrahedrite. The mineralization fills vugs and veins and forms the matrix of fault breccia in grey Upper Proterozoic Profeit Dolostone (Windermere Supergroup) that strikes north and dips 25° east. Showing No. 1 (on claim TG3) consists of sphalerite and galena in veins from 3 cm to 1.5 m wide and up to 100 m long. A sample across the best portion of a 1.5 m wide vein assayed 600.0 g/t Ag, 19.5% Pb, 41.8% Zn and 0.09% Cd. Showing No. 2 (on claim John 7) consists of mineralized fault breccia and discontinuous veining within a 120 by 120 m area. A sample across the best part of a 3 m wide breccia zone assayed 78.9 g/t Ag, 2.6% Pb, 30.7% Zn and 0.06% Cd. Showing No. 3 (on the Barb 2 claim) is a 3 m wide vein striking 295° and dipping 75° south that can be traced for a length of 60 m. A chip sample across the vein assayed 34.3 g/t Ag, 1.4% Pb, 8.1% Zn and 0.02% Cd. The drill hole tested Showing 3 and returned only traces of mineralization. On the Barb 2 claim, highly oxidized brecciated dolostone fragments are rimmed by cm-thick fine-grained pyrite +/- galena(?), dolomite and trace sphalerite rims, and replaced by sulphide pods (Heon, 2006). Pine Lake outlined a zinc anomaly 305 by 1828 m and a lead-zinc anomaly 152 square metres.

References

CONSOLIDATED COAST SILVER MINES LTD, Aug/74. Assessment Report #091700 by D.W. Tully.

GEORGE CROSS NEWSLETTER, 4 Dec/73; 25 Feb/74; 31 Jul/74.

GORDEY, S.P. AND MAKEPEACE, A.J., 2003. Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).

HEON, D., 2006. Isotope dating of lead-zinc occurrences in the Bonnet Plume area, Preliminary Report, Yukon Geological Survey, Open File 2006-16.

MINERAL INDUSTRY REPORT 1973, p. 26; 1974, p. 59.

THORKELSON, D.J. AND WALLACE, C.A., 2000. Geology and mineral occurrences of the Slat Creek, Fairchild Lake and "Dolores Creek" areas, Wernecke Mountains, Yukon (106D/16, 106C/13, 106C/14). Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Bulletin 10, 73 p.

Work History

Date	Work Type	Comment
12/31/1974	Drilling	Number of holes drilled: 1 Amount of work done: 12 METRES
12/31/1974	Geology	
12/31/1974	Geochemistry	
12/31/1973	Geology	
12/31/1973	Other	
12/31/1973	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090054	1975	Mount Profeit Pb-Zn Property (Doc 1-150 claims)	Orthophoto - Airphotography, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
061207	1974	Report on Geological and Geochemical Field Work 1974 EG Claim Group	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		