



Occurrence Details

Occurrence Number: 1150 113
Occurrence Name: Bronson
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 6/15/2025 11:46:27 AM

General Information

Secondary Commodities: copper, lead, manganese
Deposit Type(s): Volcanogenic Massive Sulphide (VMS) Kuroko Cu-Pb-Zn
Location(s): 63°58'44" N - -139°28'40" W
NTS Mapsheet(s): 115014
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Bronson cl (YA49997) in Jun/80 by Cominco, which performed mapping and geochem sampling in 1980 and bulldozer trenching in 1983. Cominco partially restaked as Bro cl (YA89024) in Apr/87 and conducted IP, VLF-EM and mag surveys and bulldozer trenching later in the year.

Capsule Geology

Several soil geochemical anomalies were outlined in an area underlain by quartz and feldspar augen-bearing quartz-muscovite schist and rusty weathering muscovite-quartz schist of the Permian Klondike Schist Assemblage (units Psa and Psqm, respectively). Galena-bearing quartz-carbonate vein float was found near the north end of the claims in 1983. Schist boulders containing stringers and disseminations of pyrite, chalcopyrite and galena were found in 1986. This latter style of mineralization gives a Permian Pb isotopic model age (Mortensen, unpub. data), and is interpreted as syngenetic VMS-style mineralization formed in felsic metavolcanic rocks now represented by the muscovite-quartz schist. The 1987 geophysical surveys outlined several anomalies on the south end of the property.

References

COMINCO LTD, Mar/81. Assessment Report *#090773 by E.G. Olfert.

COMINCO LTD, Dec/83. Assessment Report *#091498 by I.A. Paterson.

COMINCO LTD, Feb/88. Assessment Report #092093 by J. Klein and I.A. Paterson.

MORTENSEN, J.K., Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

YUKON EXPLORATION 1987, p. 293.

YUKON EXPLORATION AND GEOLOGY 1983, p. 264.

YUKON GEOLOGY PROGRAM AND EXPLORATION 1979-80, p. 272.

Work History

Date	Work Type	Comment
12/31/1987	Ground Geophysics	Also VLF-EM and magnetic surveys.
12/31/1987	Trenching	
12/31/1987	Development, Surface	
12/31/1983	Geochemistry	
12/31/1983	Geology	
12/31/1983	Geochemistry	
12/31/1983	Trenching	
12/31/1983	Other	
12/31/1980	Geology	
12/31/1980	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092690	1988	Geological, Geophysical, Geochemical, and Trench Report for Work Performed by Mark Management Ltd. on the REEF Grid	All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching		
092093	1987	Report on the Road Building, Linecutting and Geophysical Surveys on the Bronson Property	All Weather Road - Development, Surface, EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
091546	1983	Regional Geochemical and Geophysical Report on the Syndicate, Dawson, William, 83, 98, Wild, and Wild Card Claims	Magnetic - Airborne Geophysics, Bedrock Mapping - Geology, EM - Ground Geophysics, Heavy Mineral Concentrate - Lab Work/Physical Studies, Data Compilation - Pre-existing Data		
091498	1982	Trenching Report on the BRONSON 1-10 Claims	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Mechanical - Trenching		
090773	1980	Geochemical Report on the BRONSON Claims 1-10	Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		