



Occurrence Details

Occurrence Number: 116G 047
Occurrence Name: Fretwell
Occurrence Type: Hard-rock
Status: Showing
Date printed: 6/15/2025 10:23:58 AM

General Information

Secondary Commodities: lead, zinc
Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)
Location(s): 65°18'25" N - -138°40'12" W
NTS Mapsheet(s): 116G07
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Ralph cl 1-4 (Y90119) in Aug/74 by Dynasty Explorations Ltd on the basis of geochemical silt sampling and preliminary prospecting carried out earlier in the year. In Sep/74 the company carried out detailed prospecting, geochemical soil sampling, hand trenching and rock sampling on the claims.
Restaked as Bou cl 1-4 (YC19930) in Apr/2000 by S. Ryan who carried out prospecting and limited geochemical soil sampling later that year.

Capsule Geology

Secondary iron, zinc and lead minerals principally forming limonite occur as gossanous float trains and subcroppings along a north-northeast trending ridge crest underlain by Upper Cambrian to Lower Devonian dolostone. Soil samples collected parallel to the strike of the ridge, on the gossanous zone, returned 46 to 18 500 ppm Pb with 60 to 14 800 ppm Zn. Trenching and chip sampling of the most intensely gossanous part of the zone returned 0.09 % Pb with 3.18 % Zn and 0.06 % Pb with 2.74 % Zn over two continuous 3.05 m sections composed of massive slabs of limonite. No primary sulfide mineralization was exposed.
Resampling in 2000 served to confirm the anomalous nature of the gossanous zone and analysis of a wider suite elements revealed that the soils in this area were also anomalous in silver and cadmium (peak values of 6.2 ppm and 25.0 ppm, respectively). Prospecting along the ridge top failed to detect any extension of the previously delineated zone.

Work History

Date	Work Type	Comment
12/31/2000	Geochemistry	
12/31/2000	Other	
12/31/1974	Geochemistry	
12/31/1974	Geochemistry	
12/31/1974	Trenching	
12/31/1974	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
061217	1974	Geochemical and Geological Report-1974 Field Work-RALPH Claim Group	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016797	Geochemical map - 116G/7		Property File Collection	Geochemical Map
ARMC011313	Geochemistry map - Ralph group		Property File Collection	Geochemical Map
2003-9(D)	Yukon Digital Geology (version 2)		Yukon Geological Survey	Open File (Geological - Bedrock)