



Occurrence Details

Occurrence Number: 116B 084

Occurrence Name: Tart

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 4/29/2025 5:07:38 AM

General Information

Secondary Commodities: zinc

Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)

Location(s): 64°50'16" N - -139°52'23" W

NTS Mapsheet(s): 116B13

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Tart cl 1-80 (Y90229) in November, 1974 by Dynasty Exploration Ltd. as a result of anomalous silt and soil sample collected during regional reconnaissance. In 1975, the claims were transferred to Cyprus Anvil Mining Corporation which carried out prospecting, geological mapping, grid geochemical soil sampling and drilled four holes (494.7 m).

Pamicon Developments Ltd. and Equity Engineering Ltd. staked Monster cl 1-40 (YB42067) 1 km to the south (MINFILE occurrence 116B 003) in June, 1993. In June, 1996 Blackstone Resources Inc, which had acquired the Monster claims through its predecessor, carried out helicopter-borne magnetic and radiometric surveying of it claim holdings and adjacent areas. The surveying included this occurrence, although subsequent ground follow-up focused on areas to the south and east.

Regional & Property Geology

The area is situated in the southern Ogilvie Mountains and is cored by the Coal Creek Inlier, an oval shaped and east-trending window of Proterozoic clastic rocks that have been penetrated by mineralized breccias and cut by mafic sills and dikes. The Lower Proterozoic stratigraphy of the Coal Creek Inlier has been correlated by Thorkelson (2000) with that of the Wernecke Supergroup, defined by Delaney (1985), in the Wernecke Mountains located some 250 km to the east. The geological setting of the southern Ogilvie Mountains is considered highly favourable for hosting Olympic Dam type Cu-U-Au-Ag deposits.

The occurrence is underlain by Quartet and Gillespie Lake Group (Wernecke Supergroup) sedimentary rocks that have been intruded by Proterozoic hematite breccias and associated diorite intrusions.

Mineralization & Results

Anvil Mining Corporation found sphalerite with minor galena, chalcopyrite and marcasite and traces of pyrobitumen in two breccia zones cutting Middle Proterozoic dolomite. The company's best drill intersection assayed 11.2% Zn over 1.5 metres.

In 1996, the regional airborne geophysical survey outlined numerous northeast trending features in this area which were interpreted to be faults.

Work History

Date	Work Type	Comment
12/31/1996	Airborne Geophysics	Also radiometric survey. Survey was flown over most of the Coal Creek Inlier and included this occurrence, although subsequent ground followup was focused to the south and east.
12/31/1975	Drilling	Four holes, 494.7 m.
12/31/1975	Geochemistry	
12/31/1975	Geology	
12/31/1975	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094354	2002	2002 Geological Reconnaissance, Rock Geochemical Sampling Program and Gravity Survey on the MONSTER Property	Rock - Geochemistry, Bedrock Mapping - Geology, Gravity Survey - Ground Geophysics, Petrographic - Lab Work/Physical Studies, Prospecting - Other		
093600	1996	Logistics Report for a Helicopter Magnetic and Gamma-Ray Spectrometer Survey of the MONSTER Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
061483	1975	1975 Diamond Drilling on the TART Claims	Diamond - Drilling, Drill Core - Geochemistry	4	492.25

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC007845	Map - Reef project - Tart group		Property File Collection	Geoscience Map (General)
ARMC007854	Map - Tart claims group		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC013220	Orthophoto map - Tart claim - Job no. 06153-2		Property File Collection	Geoscience Map (General)
ARMC016782	Geochemical map - 116B/13		Property File Collection	Geochemical Map
ARMC013221	A brief geological report on the Oz and Tart groups		Property File Collection	Report
ARMC011463	Geochemistry results map - Tart claim group - Map HF9-150		Property File Collection	Geochemical Map
ARMC011450	Geochemical zinc contours map - Tart claim group		Property File Collection	Geochemical Map
ARMC018621	Field notes - Reconnaissance contour geochem lines - Kiwi, Tart, Oz, Will		Property File Collection	Miscellaneous Company Documents
ARMC011462	Geology map - Reef project - Tart claim group		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011494	Geochemistry map - Tart group - Reef project		Property File Collection	Geochemical Map
ARMC011451	Geochemical copper contours map - Tart claim group		Property File Collection	Geochemical Map
ARMC011449	Geochemical lead contours map - Tart claim group		Property File Collection	Geochemical Map
1985Delenev	The Middle Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory		University of Western Ontario	PhD Thesis
1992-1	Geology of Ogilvie Mountains Breccias, Coal Creek Inlier (116B/11, 13, 14) Yukon Territory		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)
2003-9(D)	Yukon Digital Geology (version 2)		Yukon Geological Survey	Open File (Geological - Bedrock)