



Occurrence Details

Occurrence Number: 116B 100
Occurrence Name: Miniere
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 6:10:19 PM

General Information

Secondary Commodities: lead, zinc
Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)
Location(s): 64°48'54" N - -139°35'31" W
NTS Mapsheet(s): 116B13
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as OD cl 19-34 (YA2530) in August, 1975 by Union Miniere Explorations and Mining Corporation Ltd (UMEX), which had earlier in July, 1975 staked OD cl 1-12 (YA2088) 2.5 km to the west and OD cl 13-18 (YA2298) 1.75 km to the east. UMEX together with Shell Canada Resources Ltd. formed the Blackstone Project and carried out contour geochemical soil sampling of OD cl 1-18 in August, 1975; grid geochemical soil sampling of the central portion of OD cl 19-34 from June to July, 1976; staked OD cl 35-46 (YA9466) to the south and carried out property wide geological mapping and prospecting in August, 1976; staked OD cl 47-78 contiguously to the west of the existing claims in October, 1976; and drilled 4 holes (331.6 m) on OD cl 27 and 39 in 1977.

In June, 1996, Blackstone Resources Limited carried out helicopter-borne magnetic and radiometric surveying over the Ogilvie Mountain breccia belts. This survey included coverage of the area surrounding this occurrence, although ground followup in this region was focused to the north and east on Blackstone's Monster claims (MINFILE occurrence 116B 102 and 103).

In 2007, S. Ryan performed geological mapping over the property.

Capsule Geology

This occurrence is underlain by an east-west trending, steeply south dipping package of Lower Proterozoic clastic sedimentary rocks. Shale, siltstone and carbonate rocks of the Quartet Group are overlain to the south by dolomite and shale of the Gillespie Group which host minor sphalerite, pyrite and galena mineralization that appears related to local fault structures. A large, northeast-southwest trending mafic dyke composed of diabase intrudes the sedimentary assemblages to the east of the occurrence location, with a smaller diabase occurrence located in the creek bed just north of the occurrence. The intrusive dykes which are Proterozoic or younger in age (Lane and Godwin, 1992) are completely barren and appear unrelated to the observed base metal mineralization.

Soil sampling carried out in three areas located in the vicinity of and to the east and west of the occurrence location, identified several roughly coincident, moderate to strong lead and zinc anomalies. Peak values of 2,050 ppm Zn and 1,240 ppm Pb were reported with values >300 ppm generally considered to be anomalous.

Several widespread occurrences of mineralization, represented by a variety of styles, were identified during prospecting and mapping. Sphalerite, lesser galena and traces of pyrite occur in dolomite along bedding planes and cross fractures and within and occasionally adjacent to brecciated dolomite as veins, fracture fillings and disseminations. A grab sample of the best mineralization, collected from an outcrop 1.25 km west of the occurrence location, assayed 1.09% Zn across 9.1 m. No significant mineralization was intersected during drilling in 1977.

The regional airborne geophysical survey outlined numerous northeast trending features which were interpreted to be faults.

Work History

Date	Work Type	Comment
12/31/1996	Airborne Geophysics	Also magnetic survey. Survey was flown over most of the Coal Creek Inlier and included coverage of this occurrence, although ground followup was focused to the north and east.
12/31/1977	Drilling	Four holes, 331.6 m.
12/31/1976	Geology	
12/31/1976	Geochemistry	
12/31/1975	Geochemistry	
12/13/2007	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095056	2007	Geochemical Report of the OD 1-31 Claims	Bedrock Mapping - Geology		

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 Magneitc and Gamma-Ray Spectrometer Survey of the MONSTER Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
090215	1977	Geological Mapping and Prospecting surveys on the OD 1-46 Claims	Diamond - Drilling, Drill Core - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	4	331.62
090140	1976	Geochemical Soil Survey on the OD 19-34 Mineral Claims	Soil - Geochemistry, Line Cutting - Other		

Related References					
Number	Title		Page(s)	Reference Type	Document Type
ARMC016782	Geochemical map - 116B/13			Property File Collection	Geochemical Map
2003-9(D)	Yukon Digital Geology (version 2)			Yukon Geological Survey	Open File (Geological - Bedrock)
10	Geology and Mineral Occurrences of Slats Creek, Fairchild Lake and "Dolores Creek" Areas, Wernecke Mountains (106D/16, 106C/13, 106C/14), Yukon Territory			Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Bulletin
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)

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
OD-77-2	Miniere	1977	AQ	18	1
OD-77-3	Miniere	1977	AQ	8	1
OD-77-4	Miniere	1977	AQ	2	1
OD-77-5	Miniere	1977	AQ	2	1