



Occurrence Details

Occurrence Number: 1050 060
Occurrence Name: Hasten
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/6/2025 1:46:06 AM

General Information

Secondary Commodities: zinc
Deposit Type(s): Unknown
Location(s): 63°6'17" N - -130°15'59" W
NTS Mapsheet(s): 1050
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed: May 16, 2016

Capsule

Work History

*Previously part of Minfile Occurrence #1050 028.

Staked as Hasten cl 1-24 (YA61140), Fetch cl 1-20 (YA5963) and Basin cl 1-24 (YA192) in Jul/76 by Welcome North Mines Ltd and optioned to Canadian Nickel Company Ltd (Inco) which explored with mapping, geochem sampling, minor hand trenching and mag, EM and resistivity surveys in 1977. Canadian Nickel added Fetch cl 21-25 (YA15167), Hasten cl 25-28 (YA15172), Hasten cl 29-34 (YA15325) and Basin cl 25-26 (YA21477) in June and Jul/77. In 1978 the company carried out additional EM and geochem surveys followed by 8 diamond drill holes (566 m), 3 of which were lost in overburden. (See Minfile Occurrence #1050 028.) After the Inco option expired in 1980, the property was optioned by Cominco Ltd, which performed mapping and geochem sampling in 1982 and drilled one diamond drill hole (302 m) on Hasten claim 22 in 1983 before dropping the option.

Capsule Geology

The occurrence lies approximately 1 to 1.5 km west of the Canol Road and Macmillan River. The occurrence area covers a wide, overburden-covered valley underlain by a sequence of black shale, limestone conglomerate and interstratified argillite and limestone assigned to the Ordovician to Devonian Road River Group which is overlain by shale, siltstone and clastic rocks of the Upper Devonian to Mississippian Earn Group. Cominco's 1983 drill hole was collared in the southwest corner of Hasten cl 22 located on the far west side of the combined claim block. The hole tested a weak lead soil anomaly near the contact of the Ordovician to Devonian Road River Formation with the overlying Earn Group. The hole intersected mudstone, minor sandstone, grit and several magnetic dykes near the base of the Earn Group. Traces of sphalerite occur in a 1 m thick grit horizon and as interstitial infillings around mud flow clasts.

References

ABBOTT, J.G. 1982. Structure and Stratigraphy of the Macmillan Fold Belt: Evidence for Devonian Faulting. Maps 1050 and 105P. Exploration and Geological Services Division, Open File 1983-1. (Text and 3 maps).

CANADIAN NICKEL COMPANY LTD, Oct/77. Assessment Report #090236 by E. Debicki.

CANADIAN NICKEL COMPANY LTD, Oct/77. Assessment Report #090237 by E. Debicki.

CANADIAN NICKEL COMPANY LTD, Jul/78. Assessment Report #090361 by E. Debicki.

CANADIAN NICKEL COMPANY LTD, Aug/78. Assessment Report #090362 by E. Debicki.

COMINCO LTD, Jul/83. Assessment Report #091476 by M.R. Murrell.

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).

MINERAL INDUSTRY REPORT 1977, p. 33; 1978, p. 8-9.

YUKON EXPLORATION AND GEOLOGY 1982, p. 164; 1983, p. 218.

Work History

Date	Work Type	Comment
12/31/1983	Drilling	Number of holes drilled: 1 Amount of work done: 303 METRES Assessment Report #091476 by Cominco Ltd.
12/31/1982	Geochemistry	Possibly also silt sampling.

Assessment Reports that overlap occurrence

Report	Year	Title	Worktimes	Holes	Meters
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Number	Year	Title	Work Types	Drilled	Drilled
095910	2011	Geophysical, Geochemical and Prospecting Report on the North Canol Property	Electromagnetic - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other		
093827	1997	1997 Geological Assessment Report on Emerald Lake Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
091476	1983	Assessment Report Diamond Drilling, Roadbuilding on the Hasten, Basin and Fetch Claims	All Weather Road - Development, Surface, Diamond - Drilling	2	603.60
090236	1977	Geological Survey Report on the Fetch, Hasten and Basin Mineral Claims	Detailed Bedrock Mapping - Geology		
090362	1977	Geophysical, Geochemical and Altimeter Survey Report on the Fetch, Hasten and Basin Mineral Claims	Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics		
060458	1971	Compilation Geology Map, Macmillan Pass Area, 105O01	Data Compilation - Pre-existing Data		
019035	1968	1968 Progress Report and Proposed Program 1969 Itsi Project	Silt - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		