



Occurrence Details

Occurrence Number: 105H 047
Occurrence Name: Fin
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 10/4/2025 10:48:54 AM

General Information

Secondary Commodities: barite, lead, silver, zinc
Deposit Type(s): Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)
Location(s): 61°39'55" N - -129°49'14" W
NTS Mapsheet(s): 105H12
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

F.L. Fletchuk staked Sonnia cl (Y29244) 3.2 km to the north of the occurrence location in Jul/69. Cominco staked the Fin cl (YA35002) at this location in Sep/78, and explored with hand trenching in 1978, mapping and geochemical surveys in 1979, mapping, geochemical sampling and 6 holes (697 m) in 1980 and enlarged the property to cover 450 claims in 1979 and 1980, mapping and geochemical surveys in 1981 and 1982, a UTEM survey in 1982, and 7 holes (1656 m) in 1984. Cominco added more Fin claims (YB33099) in Jun/90 and performed line cutting in 1990, and further linecutting and extensive UTEM and magnetic surveys over the property in 1991. Selected targets received follow-up HLEM and detailed gravity surveys. In 1992, Cominco explored with 1386.7 m of diamond drilling in 7 holes. The 1993 program consisted of 42 km of UTEM (University of Toronto Electromagnetic) surveying, 32 km of magnetic surveying and 26 km of HLEM (Horizontal Loop Electromagnetic) surveying on the Fin cl.

Capsule Geology

Numerous lenses of massive sphalerite, galena and pyrite occur over a 1.1 km strike length. They are hosted by laminated carbonaceous, siliceous mudstone of the Devono-Mississippian Earn Group. A 200 m by 1000 m coincident lead and zinc soil anomaly with spotty silver values was outlined near the original Fin Creek showing. The 1980 drilling was conducted on the Fin 23-26 claims and returned minor intersections of laminated sphalerite, galena and pyrite from three holes. Minor disseminated pyrite, pyrite-barite nodules and barite lenses up to 15 cm by 3 m were also present in one of the cherty members. The 1984 drilling tested for a southerly extension and four of the holes intersected minor layers of pyrite-sphalerite mineralization up to 0.7 m thick that assayed up to 11.6% Zn and 0.4% Pb. The 1991 EM survey traced several conductive, carbonaceous mudstone intervals over 8 km from the original showings. The 1992 diamond drilling encountered anomalous values of Pb, Zn, Ag, and Ba. The 1993 geophysical surveys delineated several conductors and magnetic highs.

References

COMINCO LTD, Sep/79. Assessment Report *#090492 by S.R. Legget.
COMINCO LTD, 1980. Assessment Report *#090658 by R.W. Lane and A.B. Mawer.
COMINCO LTD, Oct/81. Assessment Report *#090877 by T.W. Hodson.
COMINCO LTD, Jan/83. Assessment Report *#091407 by T.W. Hodson.
COMINCO LTD, 1985. Assessment Report *#091595 by R.J. Sharp.
COMINCO LTD, 1992. Assessment Report #093004 by R.W. Holroyd.
COMINCO LTD, Jan/93. Assessment Report #093065 by P.A. MacRobbie.
COMINCO LTD, Dec/93. Assessment Report #093150 by I. Jackisch.
COMINCO LTD, 1996. Assessment Report *#093527 by C. Schultze.
YUKON EXPLORATION AND GEOLOGY 1981, p. 144; 1984, p. 98.
YUKON GEOLOGY AND EXPLORATION 1979-80, p. 188.

Work History

Date	Work Type	Comment
12/31/1992	Drilling	Seven holes 1,386.7 m.
12/31/1991	Ground Geophysics	(UTEM), magnetics, HLEM and detailed gravity surveys.

12/31/1984	Drilling	Seven holes, 1,656 m.
12/31/1982	Geology	
12/31/1982	Geochemistry	
12/31/1982	Ground Geophysics	UTEM survey .
12/31/1981	Geology	
12/31/1981	Geochemistry	
12/31/1980	Drilling	Six holes, 697 m.
12/31/1980	Geology	
12/31/1980	Geochemistry	
12/31/1979	Geology	
12/31/1979	Geochemistry	
12/31/1978	Trenching	
12/13/1993	Ground Geophysics	Also UTEM and HLEM surveys.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096472	2013	2013 Data Compilation Report for the Fin Property	Data Compilation - Pre-existing Data		
095226	2009	2009 Geological Report for the Fin Property	Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
095045	2007	2007 Geological Report for the Fin Claim Group	Historical Drill Core - Geochemistry, Rock - Geochemistry		
091595	1984	Assessment Report Diamond Drilling Fin Property	Diamond - Drilling	7	1655.58
091407	1982	Assessment Report Geology, Geochemistry, Geophysics Fin Property	Silt - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, Line Cutting - Other		
090658	1980	Assessment Report for Diamond Drill Hole Drilling on Mineral Claims Fin 23, 24, 25 and 26	Diamond - Drilling, Drill Core - Geochemistry	6	696.90
090492	1979	Assessment Report for a Soil Geochemical Survey Undertaken on Fin Claims 4, 6, 7, 8, 10, 12, 14, 18-48, 50-56	Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016607	Geochemical map - 105H/12 - Leckie Lake		Property File Collection	Geochemical Map
ARMC018715	Field map - Leckie Lake area - 105H/13, 105H/12		Property File Collection	Geoscience Map (General)