Occurrence Details

Occurrence Number: 105L 046
Occurrence Name: Sap
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 6/15/2025 10:35:59 PM

General Information

Secondary Commodities: zinc
Deposit Type(s): Unknown
Location(s): 62°36'27" N - -134°24'0" W
NTS Mapsheet(s): 105L09
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Sap cl 1-20 (YA25355) in Aug/79 by the Pelly Project, a joint venture between Welcome North Mines Ltd and E and B Explorations Inc. During the summer of 1980 the joint venture carried out a reconnaissance scale soil sampling program over the claim block.

Capsule Geology

The area is located northeast of the Tintina Fault, on the north side of the Pelly River. The area was first mapped between 1949 and 1954 at the scale of 1:253 440 by Campbell (1967). Between 1998 and 2001 Colpron of the Yukon Geological Survey and others re-mapped the rocks located south of the Tintina Trench as part of an ongoing effort by the to better understand the Yukon-Tanana Terrane. In 2003 Gordey and Makepeace (2003) released a geological compilation which covered the occurrence area.
The area is located in the south-central portion of the Selwyn Basin. According to Rayner (1981) the occurrence is located in a deep overburden covered area of the Pelly River valley. Mapping carried out by Campbell suggests that the area is likely underlain by mafic volcanics, limestone and calcareous sediments which he assigned to the Mississippian or later Anvil Range Group. More recent geological compilations carried out by various authors and reported by Gordey and Makepeace assign the rocks to the Upper Cambrian to Ordovician Rabbitkettle assemblage.
Soil samples were collected at 100 m intervals along flagged grid lines spaced 400 m apart. Examination of the results reveal several weak single station zinc anomalies (up to 170 ppm zinc) which were never followed up.

References

CAMPBELL, R.B., 1967. Geology of the Glenlyon map-area, Yukon Territory (105 L). Geological Survey of Canada, Memoir 352, 92 p.

COLPRON, M., ET AL., 2002. Preliminary geological map of Glenlyon (105L/1-7, 11-14) and northeast Carmacks (115I/9, 16) area, Yukon Territory (1:125 000 scale). Exploration and Geological Services Division, Yukon Region, Indian and Norther Affairs Canada (now part of the Yukon Geological Survey); and Geological Survey of Canada, Open file 1457.

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).

WELCOME NORTH MINES LTD, Feb/81. Assessment Report #090745 by G.H. Rayner.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 202.

Work History

Date	Work Type	Comment
12/31/1980	Geochemistry	Reconnaisance scale.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090745	1980	A Soil Geochemical Report on the Sap 1-20 Mineral Claims	Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016357	Regional geochem survey - Copper contour map - Tummel Basin - Drawing No. 1		Property File Collection	Geochemical Map
ARMC016356	Regional geochem survey - Cu, Pb, Zn results - Tummel Basin - Drawing No. 2		Property File Collection	Geochemical Map
ARMC016359	Regional geochem survey - Lead contour map - Tummel Basin - Drawing No. 2		Property File Collection	Geochemical Map

| [ARMC016358](#) | Regional geochem survey - Zinc contour map - Tummel Basin - Drawing No. 3 | | Property File Collection | Geochemical Map |