Occurrence Details

Occurrence Number: 115J 023
Occurrence Name: Nordex
Occurrence Type: Hard-rock
Status: Unknown
Date printed: 10/3/2025 8:51:43 PM

General Information

Secondary Commodities: lead, silver
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 62°43'17" N - -138°36'59" W
NTS Mapsheet(s): 115J10
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

The earliest known staking in this area are the single mineral claims Cape (13954) staked in Aug/22 and Banner (15006) staked in July/23. Both claims were staked by H. Noble and were located approximately 2 km southwest of the occurrence location, on the right limit of Dip Creek, down stream fron the northern most intersection of two gulches.
Staked within Ray cl 1-466 (97882) in Jan/66 by Nordex Exploration Ltd. The company carried out a large regional reconnaissance soil and silt sampling program in Aug/66.
Restaked as Pass cl 1-40 (Y45016) in Dec/69 by the Grant Syndicate and later sold to Spur Exploration Ltd.
Restaked within AXS cl 19-54 (YD17577) in Oct/2009 by Western Copper Corporation.

Capsule Geology

The area was regionally mapped in the early 1970's by D. Templeman-Kluit (1974) of the Geological Survey of Canada. S. Johnston of the Canada/Yukon Geoscience Office (now part of the Yukon Geological Survey) and R. Shives of the Geological Survey of Canada (1995) released a geological compilation which covered this area. The geological compilation was constructed and interpreted using geophysical data obtained from airborne multiparameter geophysical surveys flown over the region by the by the Geological Survey of Canada in 1993 and 1994 and by geological mapping conducted by Johnston on adjoining topographic map sheet 115 I/12 in 1992.
Based on Johnston and Shives geological compilation the occurrence is located at the boundary between a large pendant of Devonian to Mississippian carbonaceous and micaceous quartzite with subordinate mica schist and rare marble assigned to the Wolverine Creek Metamorphic suite which survived the intrusion of the enclosing Mid-Cretaceous Dawson Range Batholith. The batholith is comprised of various phases and the occurrence area is underlain by a biotite-hornblende granodiorite phase. The Dip Creek fault which trends northeast-southwest appears to cut through the occurrence and separates the metamorphic rocks from the batholith.
Nordex Exploration includes a notation from the acting Mining Recorder for the Dawson Mining District dated Dec/64 which states that the Banner and Cape claims were likely staked to cover a galena occurrence which were known to occur throughout the area. The company collected silt and soil samples over an area measuring approximately 373 square kilometres. Silt samples were collected on 358 m centres and sampling covered 114 separate streams. Soil samples were collected where ever silt samples were unavailable or were not accessible.
Nordex was unable to relocate any of the earlier discovered galena mineralization. The soil and silt sampling carried out in and around the vicinity of the occurrence returned background levels for copper, lead and zinc.
The Pass claims were staked on the west side of the Dip Creek fault and appear to have been underlain by granodiorite assigned to the Dawson Range Batholith.

References

GEOLOGICAL SURVEY OF CANADA, 1994b. Airborne Geophysical Survey, Selwyn River - West, Yukon Territory (NTS 115J/10, 11, 14, 15). Open File 2816.

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).

JOHNSTON, S.T., 1993. Geological map of Wolverine Creek map area Dawson Range Yukon (115 I/12): Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-3 (G).

JOHNSTON. S.T. AND HACHEY, N., 11993. Preliminary results of 1:50 000 scale geological mapping in Wolverine Creek map area (115 I/12), Dawson Range, southwest Yukon. In: Yukon Exploration and Geology 1992. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 49-60.

JOHNSTON, S.T. AND SHIVES, R. B. K., 1995. Interpretation of an airborne multiparameter geophysical survey of the northern Dawson Range, central Yukon: A progress report. In: Yukon Exploration and Geology 1994. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 105-111.

JOHNSTON, S.T. AND SHIVES, R. B. K., 1995. Geological compilation with interpretation from geophysical surveys of the northern Dawson Range, central Yukon (115 J/9 & 10; 115 I/12) (1:100 000 scale map). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1995-2.

NORDEX EXPLORATION LTD, Jan/67. Assessment Report #017450 by S. Szetu.

TEMPLEMAN-Kluit, D.J., 1974. Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon; Geological Survey of Canada, Paper 73-41, 97 p. (including preliminary maps 16-1973 (115JK), 17-1973 (115H) and 18-1973 (115N)).

Work History

Date	Work Type	Comment
12/31/1966	Geochemistry	On Regional scale.

12/31/1966	Geochemistry	On Regional scale.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
017450	1966	Report on Geochemical Survey-Dip Creek Watershed	Silt - Geochemistry, Soil - Geochemistry		
019098	1965	Geophysical Report-Cat Claims-Casino Creek Area	Magnetic - Airborne Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016557	Geology map - 115J/10 - Colorado Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016558	Geochemical values total extraction map - 115J/10 - Colorado Creek		Property File Collection	Geochemical Map