Occurrence Details

Occurrence Number: 115J 009
Occurrence Name: Straw
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 4/29/2025 12:57:11 AM

General Information

Secondary Commodities: antimony, arsenic, copper
Deposit Type(s): Unknown
Location(s): 62°37'55" N - -138°7'57" W
NTS Mapsheet(s): 115J09
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

Staked as Hay cl 1-90 (Y39409) in Oct/69 by Nicanex Mines Ltd which explored with grid soil sampling and geological mapping in 1970.
Restaked as Butter cl 1-116 (YC15179) in Jun/99 by Deltango Gold Ltd which carried out an extensive reconnaissance scale silt, pan concentrated, soil and rock sampling program later in the summer.

Capsule Geology

The claims are located in the Dawson Range, a metamorphic and magmatic welt which trends northwest across the north-central portion of the Yukon-Tanana Terrane. The area is located in an un-glaciated area of the Yukon, thus outcrop is very limited. Geological mapping is restricted to ridge tops, rock chips in residual soils and numerous frost heaved blocks of rocks. The area was re-mapped by Payne et al., in 1987 under an economic agreement funded by the Canada-Yukon Economic Development Agreement. In 1995, S. Johnston employed by the Yukon Geology Program (now known as the Yukon Geological Survey) used results reported in a 1994 Geological Survey of Canada Airborne Geophysical Survey to further refine the mapping.
The occurrence is underlain by mid-Cretaceous coarse-grained biotite-hornblende granodiorite belonging to the Dawson Range Batholith. To the north the batholith intrudes Devonian to Mississippian metasedimentary and metamorphic rocks assigned to the Wolverine Creek metamorphic suite. The metasediments consists of mainly carbonaceous quartzite and micaceous quartzite with subordinate mica schist and rare marble. The metavolcanic unit is mainly composed of medium- to coarse-grained leucocratic, equigranular hornblende-biotite quartz diorite to granodiorite gneiss. These rocks are inferred to be metamorphosed igneous rocks, including both metavolcanic and metaplutonic varieties. Numerous small dykes of varying composition are know to intrude the area.
Soil sampling by Nicanex Mines outlined two weak copper anomalies; one at the southwest end of the claims (occurrence location) and the other at the northeast end of the property. Neither anomaly appears to have been follow-upped.
Deltango Gold¿s exploration consisted of a ¿first pass¿ geochemical sampling program over the entire claim block. Soil sampling did not return any areas of interest. Silt and pan concentrate results display significant differences between the area of Dawson Range Batholith granitic rocks and the metamorphic to the north in most metals however neither group returned any strong anomalies. The exploration program was terminated before any follow-up of initial response could be undertaken.

References

DELTANGO GOLD LTD, Dec/2000. Assessment Report #094172 by G. Jilson.

EVERS, K.G., ET AL., An alpine peridotite in the Dawson Range, Yukon-Tanana Terrane: Preliminary results and interpretations. In: Yukon Exploration and Geology 2000, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 137-146.

GEOLOGICAL SURVEY OF CANADA, 1994A. Airborne Geophysical Survey, Selwyn River ¿ East, Yukon Territory (NTS 115 I/12 & 115J/9). Open File 2816.

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

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.

MINERAL INDUSTRY REPORT 1969-70, p. 69.

NICANEX MINES LTD, Oct/70. Assessment Report #060248 by T.L Sadlier-Brown and E.O Chisholm.

PAYNE, J.G. ET AL., 1987. Geology of Colorado Creek (115-J/10), Selwyn River (115-J/9), and Prospector Mountain (115-I/5) map areas, western Dawson Range, west-central Yukon. Exploration and Geological Services Division, Indian and Northern Affairs Canada, Yukon region, open File 1987-3, 141 p.

Work History

Date	Work Type	Comment
12/31/1999	Geology	
12/31/1999	Other	
12/31/1999	Other	

12/31/1970	Geology	
12/31/1970	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094172	2000	Geochemical and Geological Report on the Butter Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Heavy Mineral Concentrate - Lab Work/Physical Studies		
060248	1970	A Geochemical Report on the Hay Claims 1-90	Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016555	Photo interpretation map of geology with coloured sections - 115J/9 - Selwyn River		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016554	Photo interpretation map showing claims - 115J/9 - Selwyn River		Property File Collection	Geoscience Map (General)
ARMC016556	Geology map - 115J/9 - Selwyn River		Property File Collection	Geoscience Map (Geological - Bedrock)