Occurrence Details

Occurrence Number: 115H 052
Occurrence Name: Lascas
Occurrence Type: Hard-rock
Status: Showing
Date printed: 10/3/2025 5:57:54 PM

General Information

Primary Commodities: silica
Deposit Type(s): Unknown
Location(s): 61°26'26" N - -136°39'42" W
NTS Mapsheet(s): 115H07
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Lascas cl 1-2 (YA98072) in Jun/87 by Dodgex Ltd, which carried out prospecting and geological mapping later in the year.
In May/2001, R. Morgan staked Big cl 1-4 (YC19258) 3 km to the southwest, Top cl 1-4 (YC19250) 2 km to the southeast and Red cl 1-4 (YC19254) 3.5 km to the north. In Sep/2001, Morgan contracted Apex Geoscience Ltd, a company experienced in diamond exploration to collect heavy mineral panned concentrate and silt samples from the 3 claim groups.

Capsule Geology

The occurrence is located approximately 2 km northwest of Long Lake in the Aishihik Lake area of southwestern Yukon. The area is underlain by Early Jurassic intrusive rocks assigned to the Aishihik batholith and the Long Lake plutonic suite. Although spatially associated with the Aishihik batholith, field relationships suggest that the Long Lake plutonic suite is slightly younger.
Dodge staked the Lascar claims to cover a deposit of pure industrial grade quartz that forms a vein that intrudes quartz monzonite assigned to the Long Lake plutonic suite. Four assays of representative samples ranged from 99.3 to 98.8% SiO2.
Morgan staked the various claim groups on the belief that they hosted quantities of diamond indicator minerals. Apex Geoscience collected 3 heavy mineral panned concentrate and 2 silt samples and sent them to the Saskatchewan Research Council (SRC), laboratory in Saskatoon, Saskatchewan. The samples were processed and picked for gold grains and diamond indicator minerals. No diamond indicator minerals were found and the silt samples returned a high of 61 ppb gold.

References

APEX GEOSCIENCE LTD, May/2002. Assessment Report #094302 by D. Besserer.

DODGEX LTD, Jun/88. Assessment Report #092474 by J. S. Dodge.

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. AND TIMMERMAN, J.R., 1994a. Geology of the Aishihik Lake and Hopkins Lake Areas (115 H/6,7), southwest Yukon. In: Yukon Exploration and Geology 1993, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 93-110.

JOHNSTON, S.T. AND TIMMERMAN, J.R., 1994c. Geological map of the Hopkins Lake map area, southwest Yukon (115 H/7). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1994-2(G). (Replaced by Geoscience Map 1997-8).

JOHNSTON, S. AND TIMMERMAN, J. 1997. Geology of Hopkins Lake map area, Yukon (115 H/7). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1997-8.

JOHNSTON, S.T., MORTENSEN, J.K. AND ERDMER, P. 1996. Igneous and metamorphic age constraints for the Aishihik metamorphic suite, southwest Yukon. Canadian Journal of Earth sciences v. 33, p. 1543-1555.

YUKON EXPLORATION 1988, p. 173.

Work History

Date	Work Type	Comment
12/31/2001	Lab Work/Physical Studies	Heavy mineral panned concentrates.
12/31/2001	Geochemistry	Samples collected to check for diamond indicator minerals.
12/31/1987	Geology	
12/31/1987	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092474	1987	Geological Report	Rock - Geochemistry, Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016651	Geochemical results map - 115H/7 - Hopkins Lake		Property File Collection	Geochemical Map

Resource/Reserve

Year	Zone	Type	Commodity	Grade	Tonnage	Amount	Reported Amount	43-101 Compliant	Cut-off
1987	LASCAS (OPEN PIT)	Historical Estimate	silica	99.3 %	65,000		No	No	Unknown
Rough calculation, not National Instrument 43-101 complient. Deposit of pure industrial grade quartz. Grade = minimum purity. From Assessment Report #092474, Jun/88 by J.S. Dodge, p. 1.									