



Occurrence Details

Occurrence Number: 115H 014
Occurrence Name: Lion
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 6:10:17 PM

General Information

Secondary Commodities: uranium
Aliases: Bun, Ed
Deposit Type(s): Porphyry Mo (Low F-Type)
Location(s): 61°19'41" N - -136°27'21" W
NTS Mapsheet(s): 115H08
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Explored by Empress ML (Atlas EL and Nippon Mg L) in 1966. Staked as the ED cl (Y41350) in Dec/69 by E. Chisholm and transferred to Lion ML, which explored by geochemical sampling and geological mapping in 1970.
Restaked as Bun cl (YA4518) in May/76 by Ukon JV (Chevron and Kerr Addison), which explored with soil sampling and radiometric surveys in 1976 and 7 Winkie holes (116.7 m) in 1977.

Capsule Geology

Minor amounts of pyrite, molybdenite and galena occur in narrow quartz veins associated with a 0.8 km long gossan developed in a weakly fractured granodiorite intrusion. The 1970 surveys outlined four weak copper anomalies, one partially over the gossan and the others associated with pyritic zones in the granodiorite.
The 1976 staking was directed toward a radioactive zone in a regolith which formed at the contact between the granodiorite and overlying Eocene volcanic flows. The gossaned granodiorite returned uranium values in the 5 to 20 ppm range.

References

LION MINES LTD, Aug/70. Assessment Report #060604 by E.O. Chisholm.
MINERAL INDUSTRY REPORT 1976, p. 167; 1977, p. 69-70.
UKON JOINT VENTURE, 1976. Assessment Report #090180 by A.R. Archer and E.P. Onasick.
UKON JOINT VENTURE, 1977. Assessment Report *#061942 by A.R. Archer.

Work History

Date	Work Type	Comment
12/31/1977	Drilling	Seven holes, 116.7 m. Winkie drill.
12/31/1976	Ground Geophysics	
12/31/1976	Geochemistry	
12/31/1970	Geology	
12/31/1970	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094625	2006	Assessment Report Describing Radon Gas Surveys and Diamond Drilling on the Hot Dog Property	Gamma-Ray Spectrometry - Airborne Geophysics, Diamond - Drilling	8	434.93
061942	1977	Assessment Report on Bun 1-24 Claims	Diamond - Drilling, Drill Core - Geochemistry	7	116
090180	1976	Report on Geochemistry, Geology and Radiometric Survey	Gamma-Ray Spectrometry - Airborne Geophysics, Soil - Geochemistry, Scintillometer - Ground Geophysics		
060604	1970	Geochemical Soil Sampling Survey on the Ed Claim Group	Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC006837	Property summaries report - Bun claims		Property File Collection	Report

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
77-B1	Lion	1977	IAX	0	2
77-B2	Lion	1977	IAX	0	2
77-B3	Lion	1977	IAX	0	2
77-B4	Lion	1977	IAX	0	2
77-B5	Lion	1977	IAX	0	2
77-B6	Lion	1977	IAX	0	2
77-B7	Lion	1977	IAX	0	2