



Occurrence Details

Occurrence Number: 105D 062
Occurrence Name: Lewes River
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/15/2025 6:18:21 AM

General Information

Secondary Commodities: copper
Deposit Type(s): Skarn Cu
Location(s): 60°36'37" N - -134°53'11" W
NTS Mapsheet(s): 105D10
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as BC, etc cl (Y23039) in Jan/68 by Lewes River ML. Lewes River purchased the Cub cl (Y21064) (tied on to the east of the BC claims in Oct/67 by Pacific Giant Steel Ores L) and added Hulk, etc cl (Y24865) to the south and west in May/68 and explored with airborne mag, ground mag and IP surveys later in the year. Optioned in Sep/69 by Canex, which drilled 4 holes (486.2 m) and conducted additional mag and IP surveys later in the year and drilled a further 8 holes (990.0 m) in 1970. Lewes River changed its name to Olympian Int. Res L in 1973. The property was partially restaked in Jan/74 by Archer, Cathro & Assoc. L as Arca cl (Y78035). In 1975, Norwich Res L purchased the key claims from Olympian and briefly optioned the Arca group.

In 2005, Arcturus restaked the Lewes River property claims and optioned a package of adjoining claims from M. Blusson in 2006. In 2008, Arcturus performed a ground magnetic geophysical survey which identified an anomaly greater than 1 km that is partially coincident with IP anomalies identified by previous work in the 1960s and 1970s. Later in 2008, Arcturus performed an IP survey over the property.

Capsule Geology

The claims were staked to cover the northeast contact of the Whitehorse Batholith in the overburden-covered Yukon River valley. Drilling two IP anomalies located a small, steeply dipping, northeast-plunging skarn deposit, which assayed 1.05% Cu over 39.6 m of core (about 30 m true thickness) in the best hole. Mineralization consists of chalcopyrite with minor bornite, molybdenite and chalcocite in garnet-diopside skarn.

Interpretation of the results of the 2008 IP survey identified three zones of anomalous chargeability highs and one zone of resistivity highs. The new anomalies follow a northwesterly trend that is consistent with the interpreted trend of the batholith contact.

References

ARCTURUS VENTURES INC., News Release, 3 Jun/2008; 9 Nov/2009.

CANEX AERIAL EXPLORATION LTD, 1969. Assessment Report *#061232 by R.W. Cannon.

CANEX AERIAL EXPLORATION LTD and LEWES RIVER MINES LTD, 1969. Assessment Report *#060581 by R.W. Cannon.

CANEX AERIAL EXPLORATION LTD, 1970. Assessment Report *#091117 by D. Howard.

LEWES RIVER MINES LTD, Aug/68. Prospectus Report by R.S. Adamson.

LEWES RIVER MINES LTD, 1968. Assessment Report *#018883 by R. Crosby.

LEWES RIVER MINES LTD, 1968. Assessment Report *#060689 by J.G. Baird.

LEWES RIVER MINES LTD, 1968. Assessment Report *#060690 by P.E. Walcott.

LEWES REIVER MINES LTD, 1970. Assessment Report *#060008 by R.W. Cannon.

MINERAL INDUSTRY REPORT 1969-70, p. 112-13.

Work History

Date	Work Type	Comment
12/31/2008	Ground Geophysics	Also IP survey.
12/31/1970	Drilling	Eight holes, 990 m.
12/31/1969	Drilling	Four holes, 486.2 m.
12/31/1969	Ground Geophysics	Also I.P. survey.
12/31/1968	Airborne Geophysics	

12/13/2008	Other	
12/13/1968	Ground Geophysics	Also IP survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095203	2008	Assessment Report on the 2008 Geophysics Surveys on YT 77-80,82,101-113,115BC 106-107,109-110	IP - Ground Geophysics, Magnetics - Ground Geophysics		
094935	2007	Total Magnetic Field Survey YT and BC Claims	Magnetics - Ground Geophysics, Data Compilation - Pre-existing Data		
094807	2006	A Report on GPS and Magnetometer Survey on YT Claims	Magnetics - Ground Geophysics, Prospecting - Other, Surveying - Other		
062018	1973	Preliminary Report on Geological Control to Ore Distribution in the Whitehorse Copper Belt	Reverse Circulation - Drilling, Bedrock Mapping - Geology, Petrographic - Lab Work/Physical Studies	665	5555
060008	1970	Geophysical Report Induced Polarization Survey on the AZ,AC,AD,B.C.,C.C.,A.F.,E.Z.,Toadstool,Red Deer,Hulk,Putu,Hilk and Cub Claims	IP - Ground Geophysics, Line Cutting - Other		
018883	1968	Report on Aeromagnetic Survey	Magnetic - Airborne Geophysics		
060689	1968	Report on Induced Polarization and Magnetometer Surveys	Magnetic - Airborne Geophysics, IP - Ground Geophysics, Resistivity - Ground Geophysics		