



## Occurrence Details

**Occurrence Number:** 105D 062

**Occurrence Name:** Lewes River

**Occurrence Type:** Hard-rock

**Status:** Prospect

**Date printed:** 4/28/2025 7:39:01 PM

## 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
<a href="#">095203</a>	2008	Assessment Report on the 2008 Geophysics Surveys on YT 77-80,82,101-113,115BC 106-107,109-110	IP - Ground Geophysics, Magnetism - Ground Geophysics		
<a href="#">094935</a>	2007	Total Magnetic Field Survey YT and BC Claims	Magnetism - Ground Geophysics, Data Compilation - Pre-existing Data		
<a href="#">094807</a>	2006	A Report on GPS and Magnetometer Survey on YT Claims	Magnetism - Ground Geophysics, Prospecting - Other, Surveying - Other		
<a href="#">062018</a>	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
<a href="#">060008</a>	1970	Geophysical Report Induced Polarization Survey on the AZ,AC,AD,B.C.,C.C.,A.F.,E.Z.,Toadstool,Red Deer,Hulk,Putah,Hilk and Cub Claims	IP - Ground Geophysics, Line Cutting - Other		
<a href="#">018883</a>	1968	Report on Aeromagnetic Survey	Magnetic - Airborne Geophysics		
<a href="#">060689</a>	1968	Report on Induced Polarization and Magnetometer Surveys	Magnetic - Airborne Geophysics, IP - Ground Geophysics, Resistivity - Ground Geophysics		