



## Occurrence Details

**Occurrence Number:** 106D 002  
**Occurrence Name:** Arachina  
**Occurrence Type:** Hard-rock  
**Status:** Anomaly  
**Date printed:** 6/16/2025 1:17:13 AM

## General Information

**Deposit Type(s):** Unknown  
**Location(s):** 64°4'32" N - -134°12'55" W  
**NTS Mapsheet(s):** 106D01  
**Location Comments:** .5 Kilometres  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

#### Work History

Staked as B cl 1-4 (83893) in Feb/65 by Arivaca Explorations Ltd through a leak in geochemical results from a stream sediment survey (Operation Keno) conducted by the Geological Survey of Canada in 1964. Results were not officially released until Apr/65.  
The Archina cl 1-18 (84889) were added in Sep/65, and explored by airborne and ground EM surveys and geochemistry in 1966 and by hand pitting in 1967. Several EM anomalies were found.

#### Capsule Geology

The area lies near the north-central boundary of the Selwyn Basin, a predominantly off-shelf metasedimentary and metavolcanic sequence deposited west of ancestral North America. G. Abbott, (1990-1) a geologist employed by Exploration and Geological Services Division, Yukon Region (Indian and Northern Affairs Canada), subsequently evolved into the Yukon Geological Survey remapped the area in the late 1980's. His work shows the occurrence is underlain by Devonian to Mississippian rocks of the Earn Group and Keno Hill Quartzite. Geophysical work conducted by Arivica Resources Ltd outlined numerous EM conductors which follow-up work attributed to pyritic shales. No mineralization was found and the claims were dropped.

#### References

ABBOTT, J.G., 1990. Preliminary results of the stratigraphy and structure of the Mt Westman map area, central Yukon. In: Current Research Part E, Geological Survey of Canada Paper 90-1E, p. 15.

ABBOTT, J.G., 1990. Geological map of Mt Westman map area (106D/1). Exploration and Geological Services Division, DIAND, Open file 1990-1.

ARIVACA MINES LTD, Feb/67. Assessment Report #017475 by W.F. Lee

ARIVACA MINES LTD, Mar/67. Assessment Report #017476 by J.F. McIntyre.

GEOLOGICAL SURVEY OF CANADA Map 47-1965.

GEOLOGICAL SURVEY OF CANADA Paper 67-40, p. 27.

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).

HUNT, J.A., 2002. Volcanic-associated massive sulphide (VMS) mineralization in the Yukon-Tanana Terrane and coeval strata of the North American miogeoclinal, in the Yukon and adjacent

### Work History

Date	Work Type	Comment
12/31/1967	Trenching	
12/31/1966	Geochemistry	Also rock sampling.
12/31/1966	Airborne Geophysics	
12/13/1966	Ground Geophysics	Follow-up to airborne survey.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">017476</a>	1966	[Geophysical Report on the A, B, C, Jab and MK groups]	EM - Ground Geophysics		