



Occurrence Details

Occurrence Number: 105E 014

Occurrence Name: Semenof

Occurrence Type: Hard-rock

Status: Showing

Date printed: 6/15/2025 7:43:17 AM

General Information

Secondary Commodities: copper, gold, silver

Deposit Type(s): Vein Cu+/-Ag Quartz

Location(s): 61°45'31" N - -134°43'58" W

NTS Mapsheet(s): 105E15

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Fox cl (Y54329) in Jul/70 by F. Smith and as Pet cl (Y61212) in Jun/71 by J. McGundy, who did only minor hand trenching and prospecting. The Axe cl (Y58247) were tied on to the northeast in Aug/70 by J. Shorty and restaked as Sem cl (Y66823) in Jun/72 by P. Sevensma. This area was explored in 1972 by United Keno Exploration (a joint venture between United Keno Hill ML, Falconbridge Nickel ML and Canadian Superior EL) by detailed soil sampling and mapping but no claims were staked. Restaked by O. Davis as the Dave and SM cl (YA95192) in Jul/86 and optioned to Noranda ECL, which performed grid geochem, mapping and IP surveys and hand trenching in 1987.

Capsule Geology

A 50 m wide, 750 m long fracture zone cuts lapilli tuff of the Upper Triassic Lewes River Group, which also includes basalt flows and limestone. Rocks within the fracture zone are propylitically altered and contain small pods of fracture filling and disseminated bornite, malachite, azurite and specular hematite and visible gold. A chip sample across a well mineralized face assayed 1.2% Cu, 5.1 g/t Au and 27 g/t Ag over 1.5 m but unbiased sampling returned low values.

A small area of disseminated chalcopyrite and pyrite was found in basaltic volcanics 1.6 km to the north by United Keno. Thirteen grab samples of the best mineralization returned 0.1 to 1.77% Cu and 3.4 to 22.6 g/t Ag.

References

NORANDA EXPLORATION COMPANY LTD, Dec/87. Assessment Report *#091968 by H. Copland.

YUKON EXPLORATION 1987, p. 146-147.

Work History

Date	Work Type	Comment
12/31/1987	Geology	
12/31/1987	Geochemistry	
12/31/1987	Ground Geophysics	
12/31/1987	Trenching	
12/31/1972	Geochemistry	
12/31/1971	Trenching	
12/31/1971	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096132	2011	2011 Geochemical Sampling Program on the Jop Property	Rock - Geochemistry, Silt - Geochemistry		
091968	1987	Geological, Geochemical and Geophysical Report	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics		
061632	1977	Report on Ground Electromagnetic Surveys on Coal License NO.59 Land	Electromagnetic - Airborne Geophysics		