



Occurrence Details

Occurrence Number: 117A 019

Occurrence Name: Bonnet

Occurrence Type: Hard-rock

Status: Showing

Date printed: 12/16/2025 10:58:08 AM

General Information

Secondary Commodities: uranium

Deposit Type(s): Uranium

Location(s): 68°17'59" N - -137°53'33" W

NTS Mapsheet(s): 117A07

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked in Aug/76 as 270 Bon cl (YA9186) by Aquitaine, which explored with geochem and radiometric surveys in 1976 and 1977 before trenching, mapping, reducing its holdings to an 8 claim block at the northwest end and a 38 claim block at the southeast end. Aquitaine restaked as the 144 Tie cl (YA31226) in Jul/78, just before the area was withdrawn from staking in Jul/78 pending creation of a National Wilderness Park, settlement of native land claims, and development of a management plan for the Porcupine Caribou Herd. The claims were transferred to Kidd Creek ML in 1981 and to Falconbridge L in 1986.

Capsule Geology

The northwest group was staked over shale of the Ordovician to Lower Devonian Road River Group, which is unconformably overlain by chert pebble conglomerate of the Lower Carboniferous Kekiktuk Formation. The southeastern claim group is underlain by shale and quartzite of the Lower Mississippian Kayak Formation. Assays of up to 405 ppm U were obtained from specimens of deeply weathered basal Carboniferous conglomerate. No radioactive mineral has been identified. The uranium probably occurs with phosphate minerals.

Work History

Date	Work Type	Comment
12/31/1976	Geology	
12/31/1976	Geochemistry	
12/31/1976	Trenching	
12/31/1976	Airborne Geophysics	
12/13/1978	Geology	
12/13/1978	Geochemistry	
12/13/1978	Ground Geophysics	Also radon testing.
12/13/1976	Ground Geophysics	
12/13/1976	Ground Geophysics	Radon testing.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090318	1977	Trenching, Geophysical, Geochemical, and Geological Surveys Performed Between May 1 and August 20, 1977	Gamma-Ray Spectrometry - Airborne Geophysics, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Scintillometer - Ground Geophysics, Hand - Trenching		