



## Occurrence Details

**Occurrence Number:** 117A 080  
**Occurrence Name:** Johnson Creek  
**Occurrence Type:** Hard-rock  
**Status:** Showing  
**Date printed:** 6/15/2025 11:44:17 AM

## General Information

**Secondary Commodities:** coal  
**Deposit Type(s):** Coal  
**Location(s):** 68°6'27" N - -138°18'24" W  
**NTS Mapsheet(s):** 117A03  
**Location Comments:** 1 Kilometres  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

#### Work History

Reported by the GSC in 1985 but never staked.

#### Capsule Geology

At the headwaters of Johnson Creek, two seams of flat-lying lignite 3 m and 7 m thick are separated by a 2 m layer of white bentonite. They occur in an Oligocene sequence which is believed to correlate with the Kugmallit Formation of the Beaufort Sea (Norris, 1997). According to Cameron et al. (1986) the coal is very immature with vitrinite reflectances ranging from 0.15 to 0.20.

### Related References

| Number                  | Title                | Page(s) | Reference Type   | Document Type |
|-------------------------|----------------------|---------|--|---------------|
| <a href="#">YCI1994</a> | Yukon Coal Inventory |         | Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division | Report        |