



Occurrence Details

Occurrence Number: 117A 080
Occurrence Name: Johnson Creek
Occurrence Type: Hard-rock
Status: Showing
Date printed: 4/29/2025 12:59:50 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
YCI1994	Yukon Coal Inventory		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Report