



Occurrence Details

Occurrence Number: 115H 002
Occurrence Name: Andesite
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 4:54:23 PM

General Information

Secondary Commodities: coal, uranium
Aliases: Creek, May, Porter
Deposit Type(s): Coal
Location(s): 61°52'57" N - -136°6'48" W
NTS Mapsheet(s): 115H16
Location Comments: 1.5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked by H.E. Porter in Oct/1900 as coal lease 1447, which was soon surrounded by at least twenty others. No record of early development exists. Restaked as May cl (Y51874) in Apr/70 by P.F. Guder, and sampled by Teslin EL in 1970. The target was acquired in Jan/76 under Coal Exploration Licence 36 by Resoursex L, and was leased in Feb/81 (2988) by Fargo O Corp.

The Greek cl (YA74993) were staked one km to the south in Aug/82 by Uranerz E & Mg L in a joint venture with Central Electricity Generating Board of London, England and explored with radiometric surveys.

Capsule Geology

Thin seams (up to 41 cm) of anthracite occur in contorted beds of Upper Jurassic Tantalus Formation rocks near the contact of a syenite stock. An analysis by the Department of Mines in 1910 gave water 4.68%, fixed carbon 72.26%, ash 7.47% and non-coherent coke 79.73%. The Research Council of Alberta gives the gross calorific value as 15 700 to 16 000 G. BTU. Bulldozing has exposed coal on the east side of the Klondike Highway at Mileposts 85.5 and 88.0. Samples taken by Teslin EL from 3 localities ranged from 8.0 to 19.3% water, 11.8 to 50.9% ash, 11.2 to 14.7% volatiles, 23.9 to 66.5% fixed carbon and 0.5 to 0.6% sulphur. Rank ranged from sub-bituminous A to sub-bituminous C and dry calorific value from 4750 to 10 340 BTU/lb, all non-coking.

The Greek claims were staked to cover low grade uranium associated with clay altered shear zones.

References

AURUM GEOLOGICAL CONSULTANTS INC., 1994. Yukon Coal Inventory 1994. Energy and Mines Branch, Economic Development, Yukon Territorial Government, 169 p.

GEOLOGICAL SURVEY OF CANADA Memoir 5, p. 49.

RESEARCH COUNCIL OF ALBERTA Report 66-6, p. 15.

RESOURSEX LTD, 1975. Assessment Report *#061357 by G.B. Allen.

TESLIN EXPLORATIONS LTD, May/71. Assessment Report by E.L. Speelman.

YUKON EXPLORATION AND GEOLOGY 1982, p. 197.

Work History		
Date	Work Type	Comment
12/31/1970	Other	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097196	2017	Report on Preliminary Reconnaissance of Coal Exploration Licence Areas in the Whitehorse Trough, North-Central Yukon, 2017	Property Evaluation - Other		
097197	2017	Memo-Division Mountain Coal Project, Yukon Territory	Property Evaluation - Other		
061357	1975	Prospecting Report	Prospecting - Other		

Related References	
	Reference

Number	Title	Page(s)	Reference Type	Document Type
ARMC013186	Porter Mountain coal property examination - 115H-16		Property File Collection	Report
ARMC016664	Geology map - 115H/16 - Mount Morrison		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016663	Geochemistry map - 115H/16 - Mount Morrison		Property File Collection	Geochemical Map
ARMC020318	Report on Braeburn coal area, Carmacks North coal area, Carmacks South coal area, Kotaneelee coal area, Lone Pine Mountain coal occurrence, Porter's coal, Guder's coal, Whitehorse coal area, and Bush Mountain coal area - File 164		Property File Collection	Report
ARMC020331	Claim map - Sheet 115-H-16 - Mount Morrison - Carmacks coal leases		Property File Collection	Geoscience Map (General)