



Occurrence Details

Occurrence Number: 105D 039
Occurrence Name: Mt. Bush
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 3:53:35 AM

General Information

Secondary Commodities: coal
Deposit Type(s): Coal
Location(s): 60°19'1" N - 135°3'54" W
NTS Mapsheet(s): 105D06
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

The showing was discovered in 1906 and exposed by hand trenching in the next few years. Restaked as coal leases #2933 by C. O'Connell and 2934 by J. Johns in Nov/42. Messrs. Foster and Kerry acquired leases adjoining one owned by C. McConnell in 1946. Acquired as part of Coal Exploration Licence #20 by N.H. Urssel and Assoc L in Mar/71, explored with mapping, shallow drilling and hand trenching in 1975, and staked as BS mineral cl (YA4138) in Dec/75 by R. Schumacher, etc. The surrounding area was acquired as Coal Exploration Licence #33 by A.T. Savage in Nov/75.

Capsule Geology

The old showing consists of 0.45, 1.8 and 0.9 m thick seams exposed in hand trenches on the crest of a sharp ridge. The coal occurs in a small patch of badly faulted Tantalus Formation, 3.2 km long and less than 0.8 km wide. A gross calorific value of 15,600 G. BTU was reported by the GSC on a sample from the thickest seam. An analysis in 1975 at the Detroit Testing Lab showed 31.9% volatiles, 49.3% fixed carbon, 16.2% ash, 0.3% sulphur and a gross calorific value of 10,080 BTU/lb.

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 Summary. Report 1906, Part A, p. 28.

GEOLOGICAL SURVEY OF CANADA Memoir 31, p. 145-147.

N.H. URSEL ASSOCIATES LTD, 1972. Assessment Report *#019865 by O.E. Humeniuk and E.L. Speelman.

N.H. URSEL & ASSOCIATES, Jan/76. Assessment Report #061734 by A.T. Savage.

N.H. URSEL & ASSOCIATES, Jan/76. Assessment Report #061735 by A.T. Savage.

SAVAGE, A.T., 1975. Assessment Report *#061735 by J.E. Hughes and A.T. Savage.

WHITEHORSE STAR, 15 Nov/46.

Work History

Date	Work Type	Comment
12/31/1975	Geology	
12/31/1975	Drilling	
12/31/1975	Trenching	
12/31/1906	Trenching	
12/31/1906	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092736	1989	Interim Assessment Report, 1988/1989 Stage II Exploration Program on the Red Ridge Property	All Weather Road - Development, Surface, Diamond - Drilling, Rock - Geochemistry, Backhoe - Trenching, Mechanical - Trenching	23	1517
061735	1975	Watson Coal Prospects, Report 1	Property Evaluation - Other, Data Compilation - Pre-existing Data		

061734	1975	Prospecting and Examination Report	Diamond - Drilling, Prospecting - Other		
019865	1971	Report on Bush Mountain Graphitic Anthracite Prospect 1971 Field Season	Orthophoto - Airphotography, Rock - Geochemistry, Prospecting - Other, Hand - Trenching		
019940	1970	Geological Report on the Idaho Hill Property	Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics		