



Occurrence Details

Occurrence Number: 105E 022

Occurrence Name: Corduroy

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/14/2025 5:07:56 PM

General Information

Secondary Commodities: coal

Deposit Type(s): Coal

Location(s): 61°17'55" N - -135°54'36" W

NTS Mapsheet(s): 105E05

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

The GSC reported that coal occurs in gopher holes on the south slope of Corduroy Mountain. The area was explored in 1970 and 1971, while it was held as Coal Exploration Licence 12 by Teslin Exploration Ltd which carried out reconnaissance mapping and prospecting.

In Oct/92, Cash Resources Ltd acquired twenty-two Territorial Coal Licences, including Licence Y 408 which encompasses the Corduroy Mountain area. Cash carried out trenching on the west side of Corduroy Mountain in 1997. In Nov/98, Cash entered into an option agreement with Usibelli Coal Mine Inc of Healy, Alaska allowing the company to acquire a 50% interest in the Division Mountain Project subject to certain work conditions. The Division Mountain Project encompasses coal mining rights to the Division Mountain deposit (Minfile Occurrence # 115H 013) and coal exploration rights to the surrounding area under various Coal Exploration Licences. In Mar/99 Usibelli carried out reverse circulation drilling of 5 holes (478.5 m) to test the extent of the coal seams discovered during trenching in 1997. Down-hole geophysical logging was also completed on 2 of the holes. In May/99 Usibelli dropped its option, due to low world prices for thermal coal.

In May/2001, Cash Resources Ltd was renamed Cash Minerals Ltd.

Capsule Geology

The area is underlain by the Upper Jurassic to Lower Cretaceous Tantalus Formation (Upper Member) conglomerate and sandstone, near the contact with underlying Upper Jurassic Laberge Group rocks consisting of sandstone, siltstone, carbonaceous shales and coal seams of the Tanglefoot Formation (Upper Member). Trenching by Cash Resources in 1997, 4.25 km northwest of the float occurrence, uncovered 23 m of coal in 25 seams with the thickest seam being 3 m. Based on the 1999 drilling, which intersected coal in 3 holes, Usibelli projected an estimated 2.1 million short tons of run of mine coal at Corduroy Mountain.

References

ALLEN, T.L., AND WESTON, L.H., 2001. Preliminary map of Division Mountain area (NTS 105E/5 W1/2 & 115H/8 E1/2), central Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 2001-3.

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

CAIRNES, D.D., 1910. Lewes and Nordenskiöld Rivers Coal District, Yukon Territory. Geological Survey of Canada Memoir 5, 70 p.

CASH RESOURCES LTD, Mar/98. Assessment Report #093824 by R.F. Gish.

CASH RESOURCES LTD, Apr/2000. Assessment Report #094129 by R.F. Gish.

TESLIN EXPLORATION LTD, Aug/70. Assessment Report #060584 by R.J. Kirker.

TESLIN EXPLORATION LTD, Nov/71. Assessment Report #060582 by J.F. Hlavay.

YUKON EXPLORATION AND GEOLOGY 1997, p. 32-33; 1999, p. 26 and 177-198.

Work History

Date	Work Type	Comment
12/31/1999	Drilling	Five holes, 478.5 m.
12/31/1999	Ground Geophysics	Conducted on drill holes.
12/31/1997	Trenching	Approximately 360 cubic m.
12/31/1971	Other	Teslin Exploration Ltd could not locate float occurrence.
12/31/1970	Geology	Reconnaissance of three coal licences in the area.
12/31/1908	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097188	2017	N143-101 Technical Report on the Division Mountain Coal Property and Related Exploration Licences, Yukon Territory, Canada	Data Compilation - Pre-existing Data		
097196	2017	Report on Preliminary Reconnaissance of Coal Exploration Licence Areas in the Whitehorse Trough, North-Central Yukon, 2017	Property Evaluation - Other		
019920	1971	1971 Report on Explorations for Coal in the Carmacks and Nordenskiöld Areas	All Weather Road - Development, Surface, Rock - Geochemistry, IP - Ground Geophysics, Prospecting - Other		
060582	1971	[Report on Explorations in Nordenskiöld and Carmacks Area]	Diamond - Drilling, Rock - Geochemistry, Detailed Bedrock Mapping - Geology	1	94.50
060897	1970	Exploration Activities of Norman H. Urse Associates Ltd.	Rock - Geochemistry, Gamma-ray Spectrometry - Ground Geophysics, Prospecting - Other, Handblast - Trenching		