



Occurrence Details

Occurrence Number: 106E 033

Occurrence Name: Mountjoy

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 10/4/2025 9:07:38 AM

General Information

Secondary Commodities: coal

Deposit Type(s): Coal

Location(s): 65°50'58" N - -135°10'28" W

NTS Mapsheet(s): 106E14

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Noted by the GSC in 1962 but apparently not investigated until it was acquired by Cyprus Anvil Mg Corp in Jul/76 as Coal Exploration Licence #46 and mapped and sampled by Cyprus Anvil and the GSC in 1977.

Capsule Geology

Two coal seams are present in sandstone within the Upper Paleocene section of the Bonnet Plume Formation. The lower seam is 3.7 m thick and consists of thin bedded lignite with abundant wood and other plant fragments and a few thin light grey to white clay partings up to 1.3 cm. The upper seam is only 30 cm thick. The measured section includes many covered intervals.

Norris et al. (1993) estimated that more than one billion tonnes of lignite may underlie the northern half of the Bonnet Plume Basin.

References

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

CYPRUS ANVIL MINING CORPORATION, 1977. Assessment Report *#061723 by R.P. Hill and N.J. Russell.

GEOLOGICAL SURVEY OF CANADA Paper 66-16, p. 51-58; Paper 76-8; Paper 78-1A, p. 399-401.

GEOLOGICAL SURVEY OF CANADA, 1980. Open File 715.

NORRIS, D.K., ET AL., 1993. The geology, mineral and hydrocarbon potential of the Northern Yukon Territory and Northwestern District of Mackenzie. Geological Survey of Canada Memoir, in press.

Work History

Date	Work Type	Comment
12/31/1977	Geology	
12/31/1977	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
062149	1982	Summary of Environmental Programs Completed in 1981, and an Outline of Projects Planned for 1982	Research/Summarize - Pre-existing Data, Environmental Assessment/Impact - Studies		
062142	1982	Bonnet Plume 1982 Environmental Programmes	Environmental Assessment/Impact - Studies		
062150	1981	An Overview of the Vegetation, Wildlife and Fish Resources of the Bonnet Plume Lease, Northeastern Yukon Territory	Research/Summarize - Pre-existing Data, Biophysical Mapping - Studies, Environmental Assessment/Impact - Studies, Pre-feasibility - Studies		
061723	1977	Reconnaissance of Peel River Coal Exploration Licences	Bedrock Mapping - Geology		