



Occurrence Details

Occurrence Number: 106E 014

Occurrence Name: Chapple

Occurrence Type: Hard-rock

Status: Showing

Date printed: 12/16/2025 4:58:49 PM

General Information

Secondary Commodities: coal

Deposit Type(s): Coal

Location(s): 65°43'31" N - -135°7'24" W

NTS Mapsheet(s): 106E11

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Noted by the GSC in 1905 but apparently not investigated until it was acquired by Aran O & GL in Nov/77 as Coal Exploration Licence #93. The leases were optioned by Pan Ocean OL and relicensed as #129 in Sep/80.

Capsule Geology

A 1.8 m lignite seam occurs with clay and sandstone within the upper Paleocene section of the Bonnet Plume Formation. The lignite contains twigs, leaves and blebs of resin. Another section of coal exposed 3.2 km downstream overlies a bed of clay and soft sandstone.

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 Annual Report 1905, Vol.16, Part CC, p. 27-30.

GEOLOGICAL SURVEY OF CANADA Open File 715, 1980.

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

PAN OCEAN OIL LTD, 1982. Assessment Report *#062150 by J.A. Taylor.

PAN OCEAN OIL LTD, 1982. Assessment Report *#062151 by D. Russell and R. Farnell.

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		
062143	1982	Bonnet Plume 1982 Water Sampling Program	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		
062114	1981	Preliminary Feasibility Mining Study Illyd Creek Deposit Bonnet Plume Coalfield	Pre-feasibility - Studies		
061966	1980	Report on Geology an Exploration of the Bonnet Plume Basin Yukon Territory	Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Resource Estimate - Studies		
061888	1979	Report Reserves and Grade of Coal in the Bonnet Plume Basin	Feasibility - Studies, Preliminary Economic Assessment - Studies		
061889	1979	Economic, Environmental & Socio-Economic Considerations	Environmental Assessment/Impact - Studies, Preliminary Economic Assessment - Studies		
061807	1978	Bonnet Plume Coalfield Tonnages and Grade of Coal in Support of a Proposed Thermal Generating Station in the Yukon Territory	Feasibility - Studies		
061806	1978	Yukon Thermal Power Generating Study for Pan Ocean Oil Limited	Feasibility - Studies		
061723	1977	Reconnaissance of Peel River Coal Exploration Licences	Bedrock Mapping - Geology		