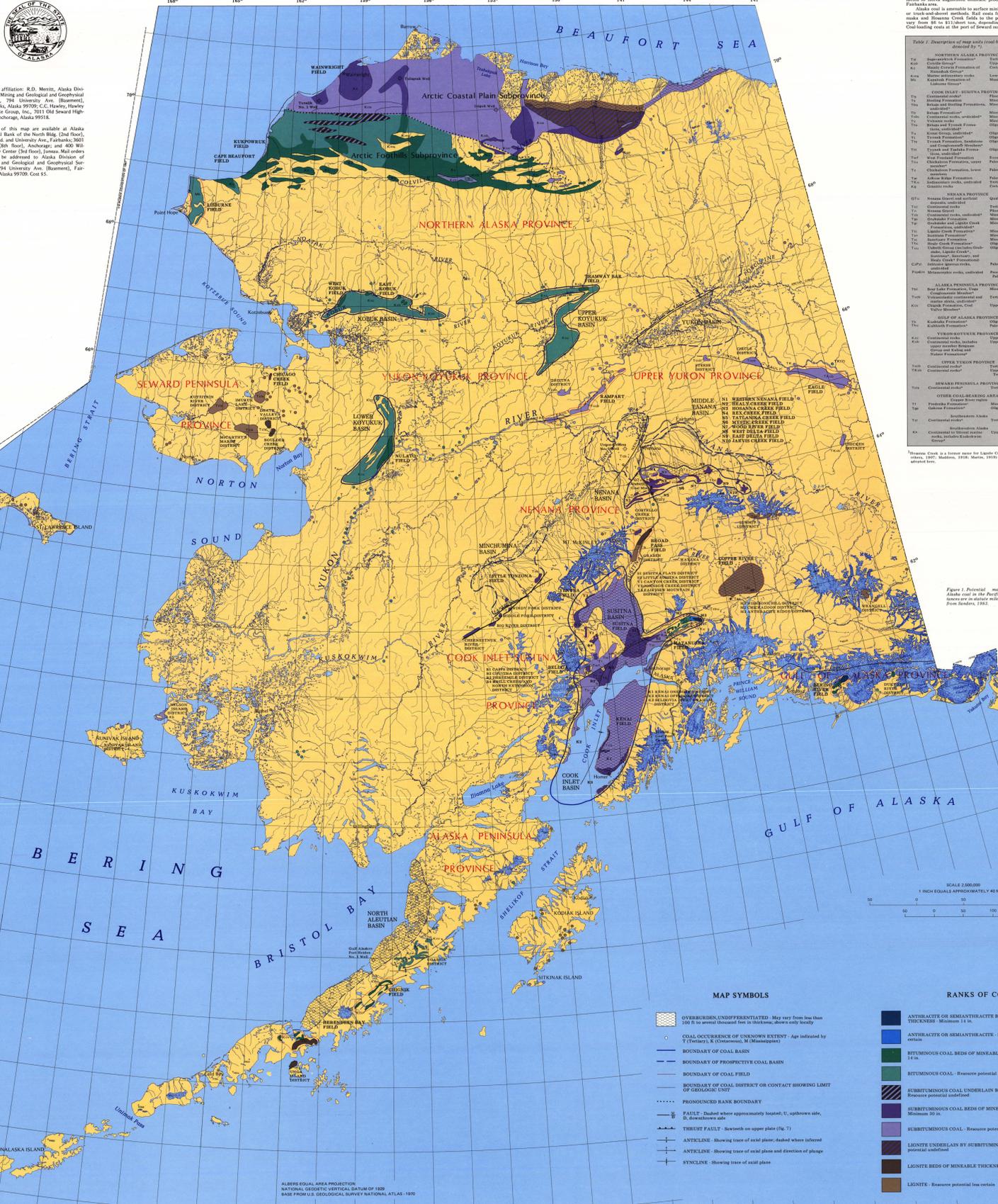


MAP OF ALASKA'S COAL RESOURCES

Compiled by
R.D. Merritt and C.C. Hawley

Alaska Department of Natural Resources
Division of Mining and Geological and Geophysical Surveys
In cooperation with the Alaska Coal Association
1986



INTRODUCTION

This report and map present estimates of Alaska's coal resources. Relative coal tonnage estimates for Alaska coal provinces have been made on the basis of geologic and geophysical data. The coal resources are estimated on the basis of geologic and geophysical data. The coal resources are estimated on the basis of geologic and geophysical data.

COAL PROVINCES OF ALASKA

Most coal resources of Alaska occur in regions that are defined geographically as provinces. These coal provinces are defined on the basis of geologic and geophysical data. The coal resources are estimated on the basis of geologic and geophysical data.

NORTHERN ALASKA PROVINCE

This is the largest province in Alaska and probably represents the largest coal resource in the State. It is located in the northern part of the State and is defined by the Brooks Range and the Yukon River. The coal resources are estimated on the basis of geologic and geophysical data.

ALASKA PENINSULA PROVINCE

This province is located in the southern part of the State and is defined by the Alaska Peninsula and the Gulf of Alaska. The coal resources are estimated on the basis of geologic and geophysical data.

UPPER YUKON PROVINCE

This province is located in the central part of the State and is defined by the Yukon River and the Yukon Delta. The coal resources are estimated on the basis of geologic and geophysical data.

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MAP SYMBOLS

- OVERLIES UNDIFFERENTIATED - May vary from less than 10% to several thousand feet in thickness, above only thin coal.
- BOUNDARY OF COAL BASIN
- BOUNDARY OF PROSPECTIVE COAL BASIN
- BOUNDARY OF COAL FIELD
- BOUNDARY OF COAL DISTRICT OR CONTACT SHOWING LIMIT OF COALGAS UNIT
- PROBABLE RANK BOUNDARY
- Fault: Dashed where approximately horizontal, U, upthrown side, D, downthrown side.
- THRUST FAULT: Section on upper plate (Fig. 7)
- ANTICLINE: Showing trace of axial plane, dashed where inferred
- ANTICLINE: Showing trace of axial plane and direction of plunge
- SYNCLINE: Showing trace of axial plane

RANKS OF COAL

- ANTHRACITE OR SEMIANTHRACITE BEDS OF MINIMALE THICKNESS - Minimum 10 ft.
- BITUMINOUS COAL BEDS OF MINIMALE THICKNESS - Minimum 10 ft.
- BITUMINOUS COAL UNDERLAY BY BITUMINOUS COAL - Resource potential undetermined
- SUBBITUMINOUS COAL BEDS OF MINIMALE THICKNESS - Minimum 10 ft.
- SUBBITUMINOUS COAL - Resource potential low certain
- LENGITE UNDERLAY BY SUBBITUMINOUS COAL - Resource potential undetermined
- LENGITE BEDS OF MINIMALE THICKNESS - Minimum 10 ft.
- LENGITE - Resource potential certain

STRATIGRAPHIC-SECTION UNITS

- GLACIAL TILL (Fig. 4-5)
- CONGLOMERATE AND PEBBLES (Fig. 6-9)
- SANDSTONE WITH LOCAL CROSSBEDDING (Fig. 6a-5, 6, 8)
- SILTSTONE (Fig. 4, 5, 6, 8)
- CLAYSTONE AND SHALE (Fig. 4a, 5, 6, 8)
- SCIST (Fig. 4)

CONVERSION CHART

English	Metric	Ratio
feet	meters	0.305
inches	centimeters	2.54
square feet	square meters	0.093
cubic feet	cubic meters	0.028

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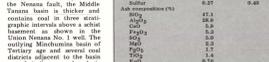
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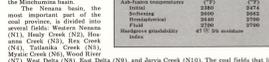
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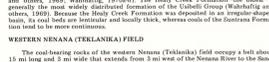
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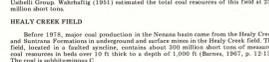
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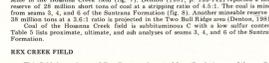
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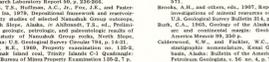
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