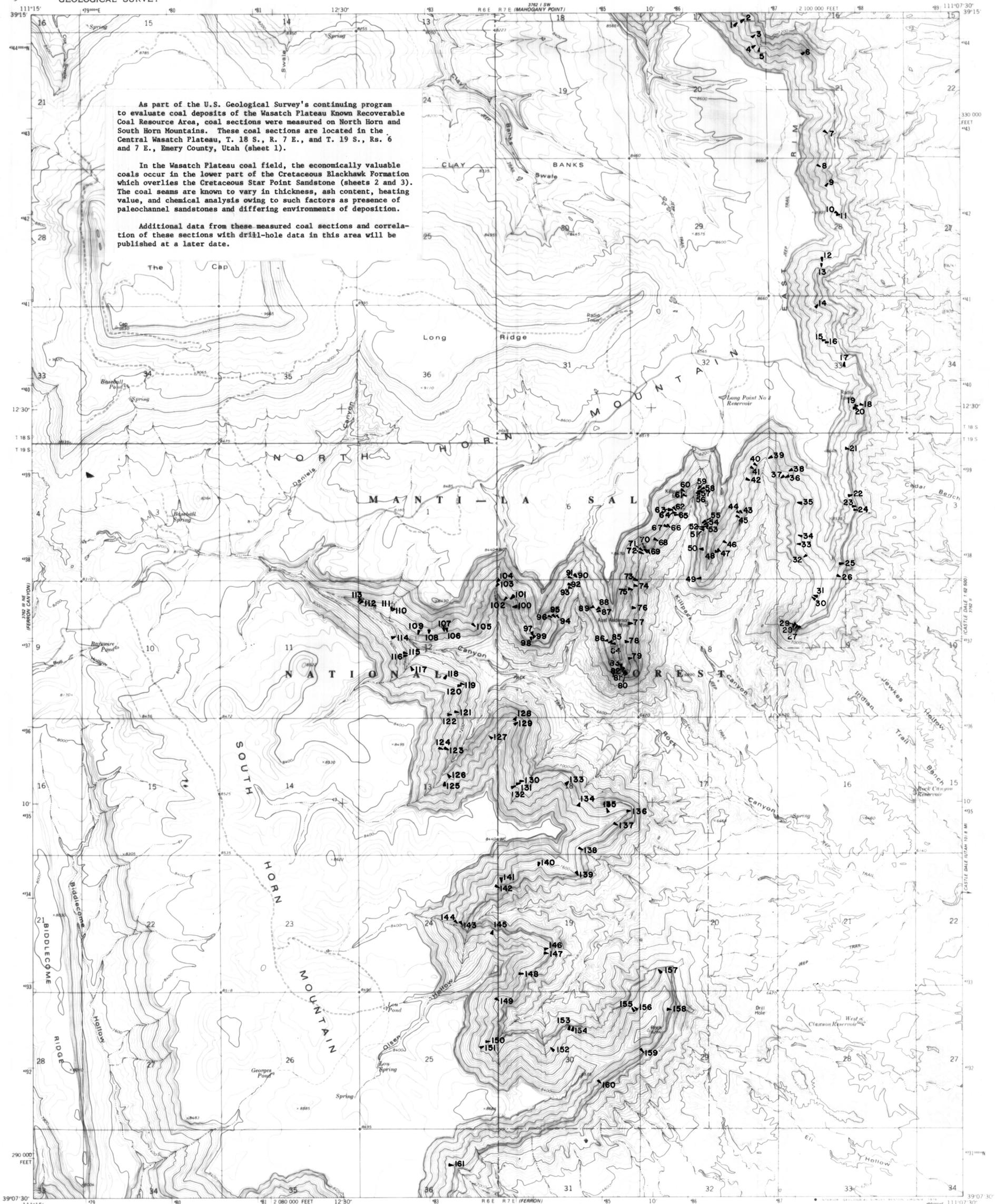


As part of the U.S. Geological Survey's continuing program to evaluate coal deposits of the Wasatch Plateau Known Recoverable Coal Resource Area, coal sections were measured on North Horn and South Horn Mountains. These coal sections are located in the Central Wasatch Plateau, T. 18 S., R. 7 E., and T. 19 S., Rs. 6 and 7 E., Emery County, Utah (sheet 1).

In the Wasatch Plateau coal field, the economically valuable coals occur in the lower part of the Cretaceous Blackhawk Formation which overlies the Cretaceous Star Point Sandstone (sheets 2 and 3). The coal seams are known to vary in thickness, ash content, heating value, and chemical analysis owing to such factors as presence of paleochannel sandstones and differing environments of deposition.

Additional data from these measured coal sections and correlation of these sections with drill-hole data in this area will be published at a later date.

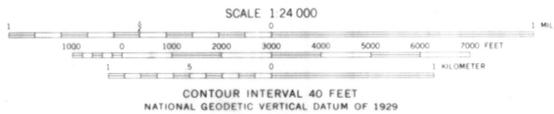
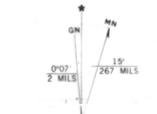


Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA and U.S. Forest Service  
Topography by photogrammetric methods from aerial photographs taken 1970. Field checked 1974. Map edited 1978

Projection and 10,000-foot grid ticks: Utah coordinate system, central zone (Lambert conformal conic) 1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence lines  
There may be private inholdings within the boundaries of the



ROAD CLASSIFICATION

Primary highway	Light duty road: hard or improved surface
Secondary highway	Unimproved road
Interstate Route	U.S. Route
	State Route



INDEX MAP SHOWING LOCATIONS OF MEASURED SECTIONS

MEASURED COAL SECTIONS OF THE BLACKHAWK FORMATION IN THE CAP QUADRANGLE, EMERY COUNTY, UTAH

By  
Eugene G. Ellis

1980

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.