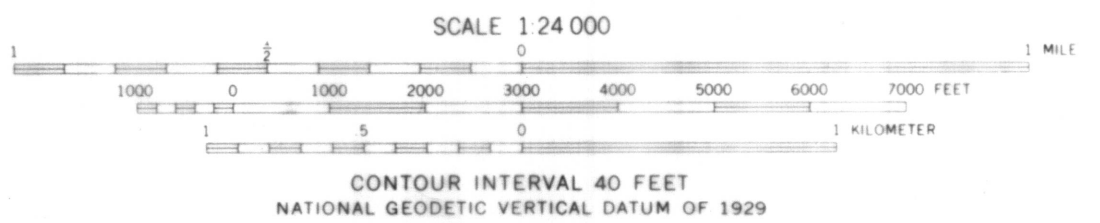
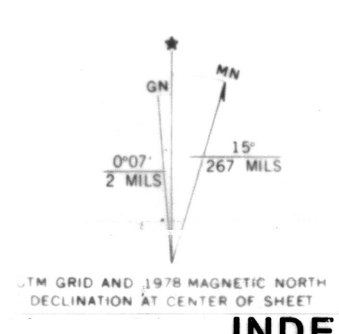


As part of the U.S. Geological Survey's continuing program to evaluate coal deposits of the Wasatch Plateau Known Recoverable Coal Resource Area, coal sections were measured on North Horn and South Horn Mountains. These coal sections are located in the Central Wasatch Plateau, T. 18 S., R. 7 E., and 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) 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 hard surface
Secondary highway hard surface
Unimproved road
Interstate Route
U.S. Route
State Route

THE CAP, UTAH
1:50,000
1:250,000

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.