Geologic Map and Coal Sections of the Cap Quadrangle, Emery County, Utah

United States Geological Survey

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STRATIGRAPHIC SEQUENCE OF EXPOSED ROCKS

SYSTEM | SERIES | FORMATION | DESCRIPTION
--- | --- | --- | ---
Proterozoic | metavolcanics and metasediments | Spence Formation | Middle Upper, metagraywacke with minor metagabbro.
Upper: megacyclic metagraywacke with metagabbro.

Metamorphic Series | | | Postglacial Pleistocene glacial deposits.

Mesozoic | | | Eolian sandstones and conglomerates.

Tertiary | | | Red beds.

North Horn Formation | | | Red beds.

Price River Formation | | | Red beds.

Cretaceous | | | Red beds.

Blackhawk Formation | | | Red beds.

Star Point Sandstone | | | Red beds.

Warren Shale | | | Red beds.

CLEAT ORIENTATIONS, 110 OBSERVATIONS, HARARNA ZONE, NORTH HORN MOUNTAIN

CREDITED TO:

STATE OF UTAH
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

[Map and diagram showing stratigraphic sequence and locations of rock formations]
CLEAT ORIENTATIONS, 10 OBSERVATIONS.
HIAWATHA ZONE.
SOUTH HORN MOUNTAIN

CLEAT ORIENTATIONS, 66 OBSERVATIONS.
HIAWATHA ZONE.
SOUTH HORN MOUNTAIN

CLEAT ORIENTATIONS, 30 OBSERVATIONS.
BEAR CANYON ZONE.
NORTH HORN MOUNTAIN

CLEAT ORIENTATIONS, 30 OBSERVATIONS.
BLIND CANYON ZONE.
NORTH HORN MOUNTAIN

GEOLOGIC MAP AND COAL SECTIONS OF THE CAP QUADRANGLE, EMERY COUNTY, UTAH

By
Eugene G. Ellis
GEOLOGIC MAP AND COAL SECTIONS OF THE CAP QUADRANGLE, EMERY COUNTY, UTAH

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1981
EXPLANATION

- Sandstone
- Shale
- Carbonaceous shale
- Shaly coal, thickness in meters
- Bone, thickness in meters
- Coal, thickness in meters
- Ash, thickness in meters
- Concealed interval
- Omitted interval

Coal section location shown on map

All measurements are in meters.
To convert to feet, multiply by 3.281