Northeast

Southwest

Top of the Fort Union Formation

FORT UNION FORMATION

Leaf bed

Big Burn bed

Hail bed

Washout bed

UNCONFORMITY (middle Paleocene rocks are missing owing to erosion)

FORT UNION FORMATION

Little Valley bed

UNCONFORMITY

TERTIARY
CRETACEOUS

LANCE FORMATION

Bluff bed

FOX HILLS SANDSTONE

LEWIS SHALE

BLACK
ROCK
COAL
GROUP

ROCK
SPRINGS
COAL
FIELD

BLACK
BUTTES
COAL
GROUP

FEET 100 METERS
300
200
50
100
0
1 KILOMETER
0 ½ 1 MILE

EXPLANATION

Fossils
- Leaves
- Worm borings
- Mammals
- Turtle
- Gastropods and pelecypods
- Crustacean borings
- Tracks or trails

Coal bed thickness including partings, in feet

- 1073 — Measured stratigraphic section number
- 107332 — Coal-sample field number
- D8888 — USGS Denver Mesozoic fossil locality number
- Covered intervals
- USGS Denver Paleobotanical fossil locality number
- D5070-B
- V-73151 — Univ. of California, Berkeley, Museum of Paleontology vertebrate fossil locality number

- Sandstone
- Siltstone
- Shale
- Carbonaceous shale or carbonaceous claystone
- Mudstone
- Concretions (siltstone or dolomite)
- Coal
- Burned coal

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STRATIGRAPHIC SECTIONS SHOWING THE POSITIONS OF COAL BEDS IN THE SAND BUTTE RIM NW QUADRANGLE, SWEETWATER COUNTY, WYOMING