

(200)
T67X
no. 456-5

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

EXPLANATION

- Sandstone
- Carbonaceous sandstone
- Siltstone
- Carbonaceous siltstone
- Clay
- Shale
- Carbonaceous shale
- Impure lignite
- Lignite
- Clinker
- Solid bit drilling

②
Core drill hole
A.E.C. 1952-1953

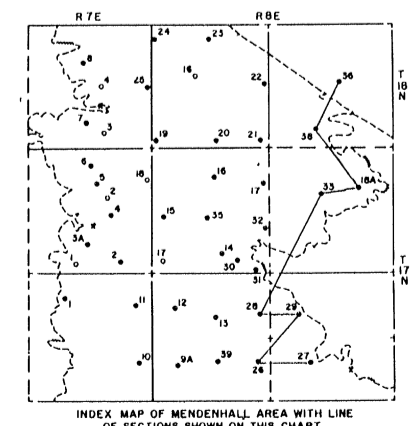
18
Core drill hole
U.S.G.S. 1951

Percent ash in lignite
Percent uranium in lignite
Percent uranium in ash
U.S. Bureau of Mines
analysis number
U.S. percent uranium or less
Core loss

Vertical scale
in feet

Chadron Formation
Tc
Tt1
Lower member of
Ft Union Formation

TERTIARY



U.S. GEOLOGICAL SURVEY
DENVER
JUL 05 1953
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FIGURE 8.-- CHART SHOWING DISTRIBUTION AND CONCENTRATION OF URANIUM IN LIGNITE CORES, MENDENHALL AREA, HARDING COUNTY, SOUTH DAKOTA