GEOLOGIC MAP OF PERKINS COUNTY, SOUTH DAKOTA

Scale 1/125,000

0 1 2 3 4 5 6 7 8 Miles

1916

LEGEND

Oligocene and Miocene ? — White River formation (Oligocene) and Arikaree (?) sandstone (Miocene ?) — TERTIARY

UNCONFORMITY

Eocene — Fort Union formation — TERTIARY

Eocene ? — Lance formation including Cannonball marine member (Tcb) and Ludlow lignitic member (Tl) — TERTIARY (?)

943 — Outcrop of lignite bed (*Broken line indicates inferred location. Numbers refer to sections in text and on plates*)

Burned outcrop of lignite bed

Burned lignite bed

Direction of dip (*Figures indicate the dip in feet per mile*)

+F55 — Location at which fossils were collected

Local lignite mine

Well

Prospect

Base compiled from Land Office plats and special surveys by the authors

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