OCT 31 1972
DENVER

EXPLANATION

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Tertiary intrusive rocks

Pl
Paleozoic Rocks
UNCONFORMITY

Grizzly Formation
Garnet slate
Black slate

Flag Rock Formation
Slate
Slate

Northwestern Formation
Quartzite
Slate

Ellison Fm. and basal Homebake Fm.
Black slate
Poorman Formation

UNCONFORMITY
Arkose
Nemo Conglomerate

UNCONFORMITY
Benchmark Inn-Formation
Boxelder Creek Quartzite

UNCONFORMITY
Little Elk Creek Granite (2.5 by)

Jalender magnetics (northeast-southwest)
AIRBORNE MAGNETICS

GEOLOGIC FIELD COMPILATION MAP OF THE NORTHERN BLACK HILLS, SOUTH DAKOTA

BY
RICHARD W. BAYLEY
1972

Geologic mapping 1966-1972

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

Base from U.S.G.S. 1:250,000 Series, MINNESOTA RIDGE, PIEDMONT, DEADMAN MTS., NEMO, DEERFIELD, FACTOLA DAM, NARANT, RAPT CITY WEST, S. DAK., 10th contour interval, DEADWOOD NORTH, ROCKFORD, DEADWOOD SOUTH, SILVER CITY, LEAD, SPOFFORD, S. DAK., 10th contour interval. Compiled from State Map Unit, 1:250,000.

SCALE 1:80,000

SCALE 1:80,000
0 1 2 3 4 5 MILES
0 1 2 3 4 5 KILOMETERS
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

SOUTH
DAKOTA