DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
81-772
PLATE 1

EXPLANATION

- g — Granite and pegmatite, showing dip of contact
- a — Amphibolite
- m — Mica schist
- qs — Quartz schist interbedded with mica schist and mica-staurolite schist
- ms — Mica schist and mica-staurolite schist (no staurolite north of Sheridan Lake)
- qm — Quartz-mica schist, quartz schist, and quartz-mica-staurolite schist
- g — Mica-graphite schist
- as — Amphibole schist
- if — Grunerite schist and quartzite (meta-iron-formation) in part with mica-graphite schist
- q — Cherty quartzite
- ma — Mica schist and mica-andalusite schist
- mg — Mica-garnet schist, quartz-mica schist, quartzite, and pseudo-conglomerate
- bg — Biotite-garnet schist, in part with graphitic schist
- Contact--Dashed where approximate
- Fault--Dashed where approximate or inferred

Base from USGS 1:24,000, 1954
Mt. Rushmore; Iron Mtn; Hayward; Rockerville

Geology by James J. Norton

SCALE 1 24000

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1954 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

# PLATE 1 --FIELD COMPILATION MAP SHOWING SAMPLE SITES, KEYSTONE AREA, SOUTH DAKOTA

By
William H. Raymond

1981