



- EXPLANATION**
- 1 DOLOMITE MAJOR MOUND FACIES
 - 2 LIMESTONE MAJOR MOUND FACIES
 - 3 ANHYDRITIC FACIES
 - 4 SALT FACIES
 - 5 OTHER NONMOUND FACIES
 - CRINIDS—Constitute significant part of mound buildup
 - OOLITES—Constitute significant part of mound buildup
 - △ CHERT—Constitutes significant part of mound buildup
 - POROSITY GREATER THAN 10 PERCENT
 - POROSITY GREATER THAN 15 PERCENT
 - UNCONFORMITY
 - 4556 T.D. TOTAL DEPTH OF WELL, IN FEET BELOW LAND SURFACE
 - ↓ SUBSURFACE FAULT—Shows upthrown and down thrown sides
 - 10,320 DEPTH BELOW LAND SURFACE, IN FEET OF INFORMAL SUBSURFACE USAGE

SOUTH-NORTH GEOLOGIC SECTION E-E' SHOWING MADISON GROUP MARKER-DEFINED CARBONATE-EVAPORITE CYCLES (MISSISSIPPIAN), NORTHERN BLACK HILLS, SOUTH DAKOTA, TO SOUTHWESTERN NORTH DAKOTA

☆ INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983—V82670
Geology mapped in 1980