

**LEGEND**

**GLACIAL FEATURES**

- WISCONSIN DRIFT
- KANSAN DRIFT
- BOUNDARY OF DRIFT SHEETS
- KAMES
- ESKERS
- VALLEY TRAINS WISCONSIN

- CLAY TERRACES
- GRAVEL TERRACES KANSAN
- WHITE FLINT

**BEDROCK**

- IGNEOUS
- SLATE
- QUARTZITE

**WATER**

- STREAMS
- LAKES
- SWAMPS

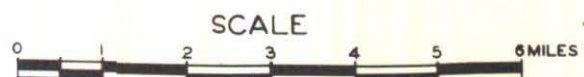
**CULTURE**

- GRAVEL SAND PITS
- QUARRIES

FIGURE 2  
**GEOLOGIC MAP**  
 OF  
**MINNEHAHA COUNTY**  
 SOUTH DAKOTA

GEOLOGY by E. P. ROTHROCK  
 ASSISTED by R. V. NEWCOMB

**STATE GEOLOGICAL SURVEY**  
 VERMILLION  
 1945





MAP OF SIOUX FALLS AND VICINITY  
SHOWING LOCATION OF WELLS

LEGEND

- DOMESTIC OR INDUSTRIAL WELL
- TEST WELL
- ⊙ DOMESTIC OR TEST WELL USED AS OBSERVATION WELL
- DRAINAGE DITCH
- ∧∧∧ EDGE OF VALLEY FLOOR
- NUMBERS REFER TO WELL NUMBERS IN TABLE

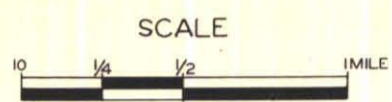
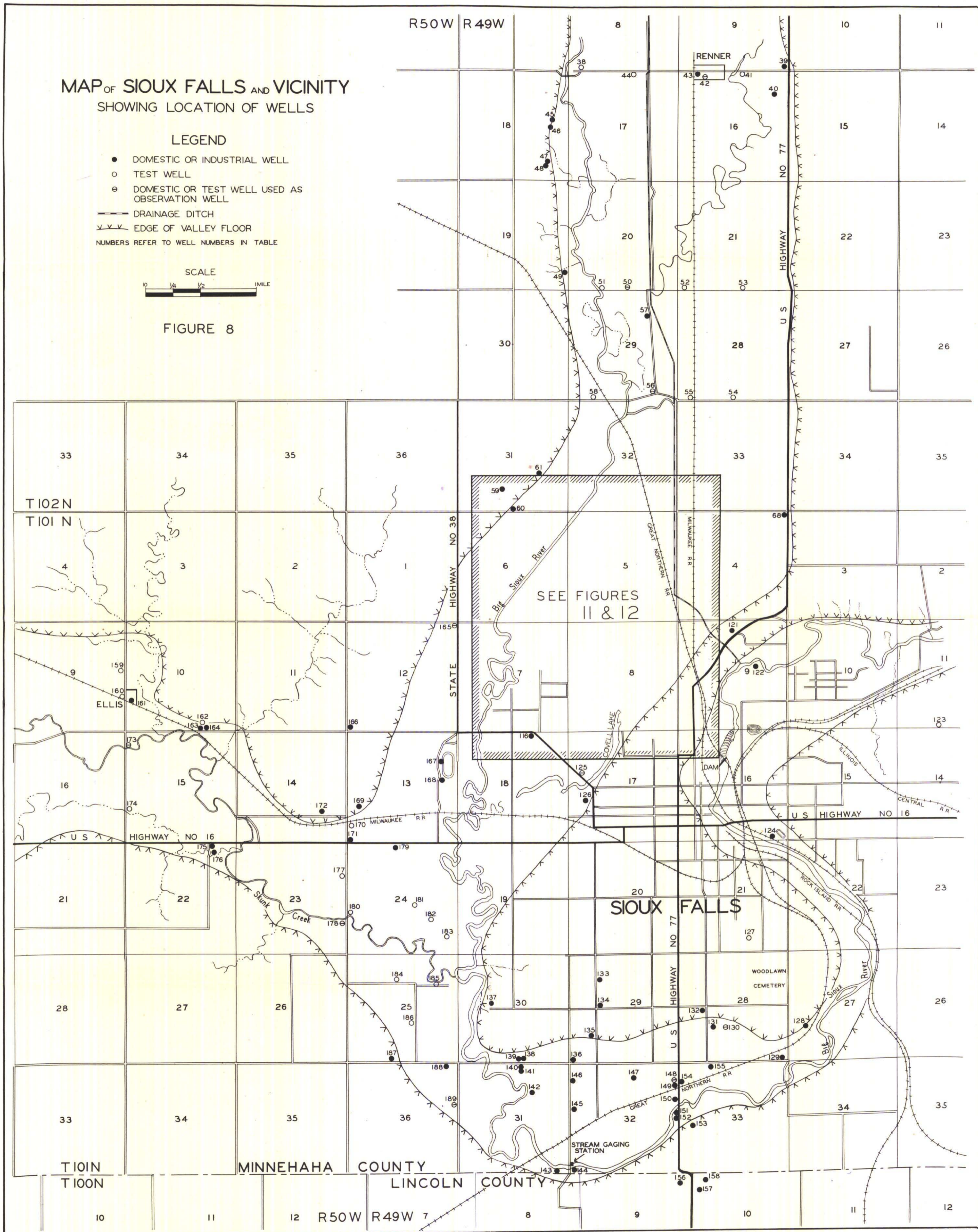


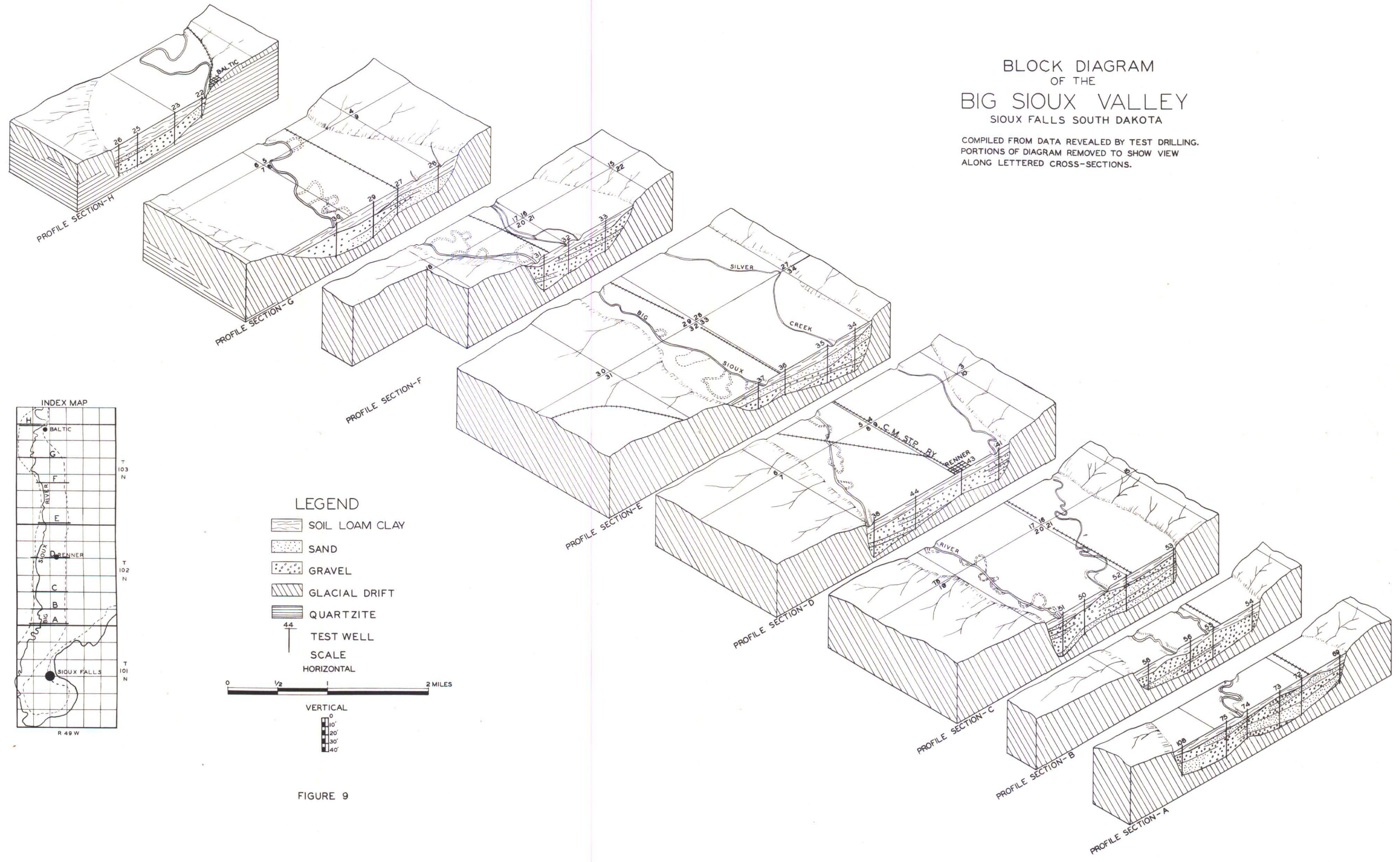
FIGURE 8









# BLOCK DIAGRAM OF THE BIG SIOUX VALLEY SIOUX FALLS SOUTH DAKOTA

COMPILED FROM DATA REVEALED BY TEST DRILLING.  
PORTIONS OF DIAGRAM REMOVED TO SHOW VIEW  
ALONG LETTERED CROSS-SECTIONS.



## LEGEND

-  SOIL LOAM CLAY
-  SAND
-  GRAVEL
-  GLACIAL DRIFT
-  QUARTZITE

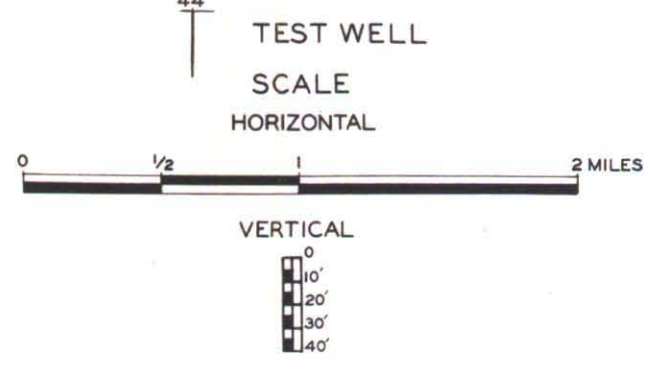


FIGURE 9