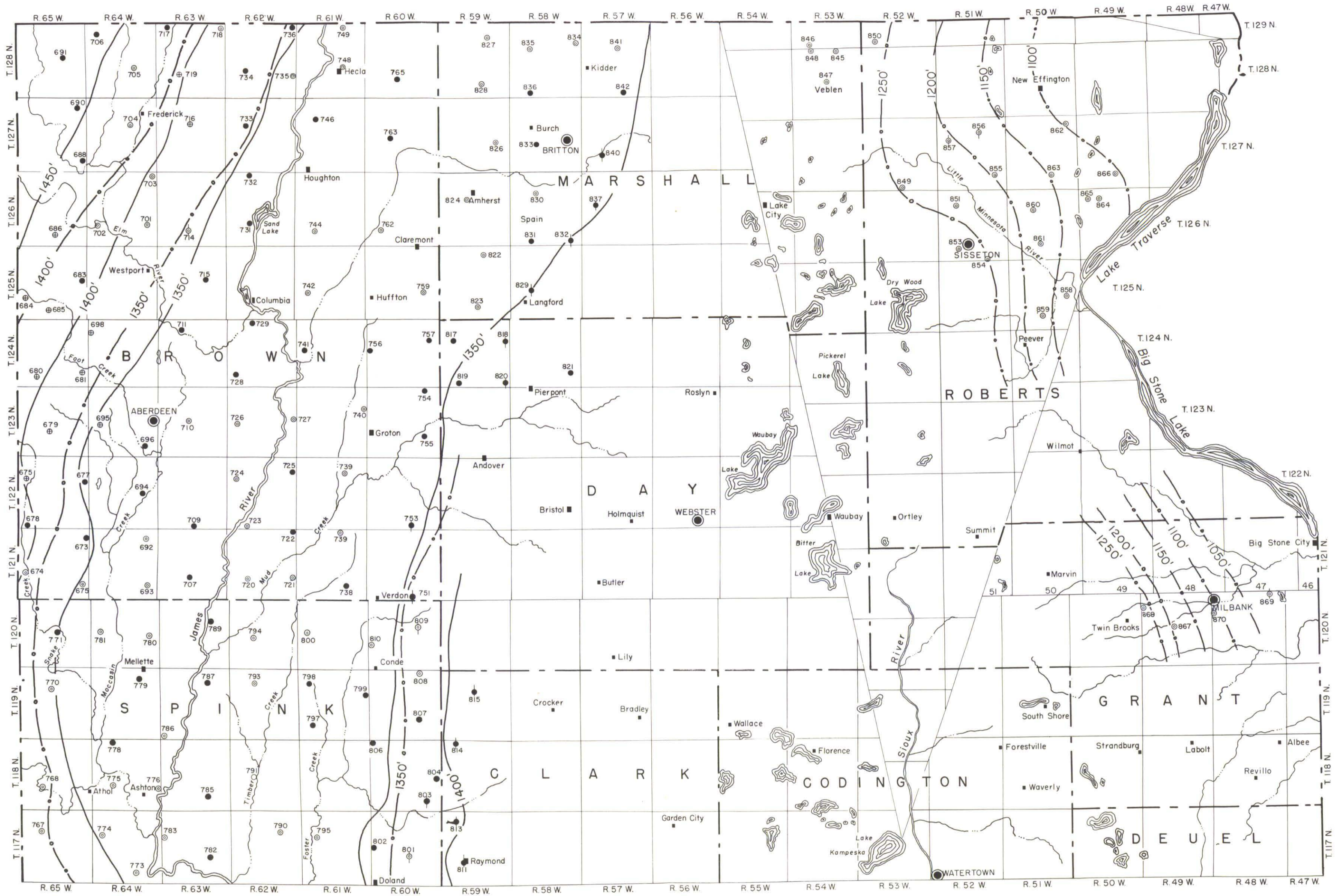
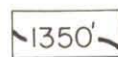


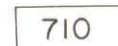


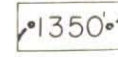
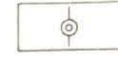


PIEZOMETRIC MAP

OF NORTHEASTERN SOUTH DAKOTA



EXPLANATION

-  Height of static column of water in Lakota formation
Datum sea level
Contour interval 50 feet
-  Pumped artesian well from the Lakota formation
-  Flowing artesian well from the Lakota formation
-  Number of well refers to table in text

-  Height of static column of water in Dakota formation
Datum sea level
Contour interval 50 feet
-  Pumped artesian well from the Dakota formation
-  Flowing artesian well from the Dakota formation
-  Flowing artesian well from the Sundance formation

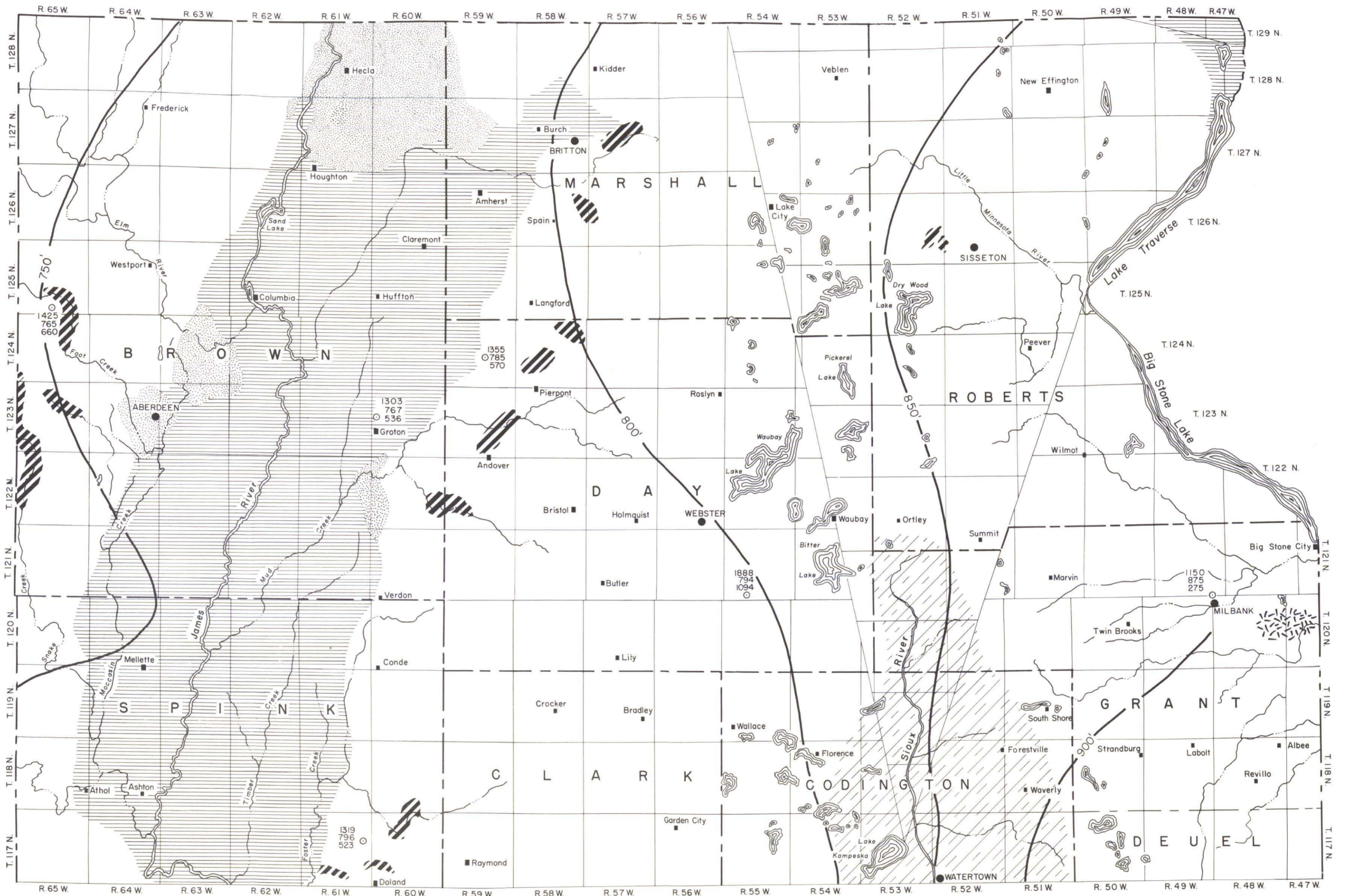
Horizontal Scale



STATE GEOLOGICAL SURVEY
Vermillion, South Dakota
Compiled and Drafted by H.D. Erickson
1954

GEOLOGIC MAP

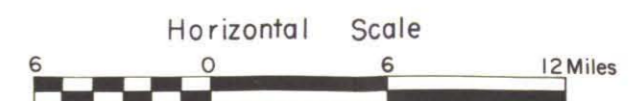
OF NORTHEASTERN SOUTH DAKOTA



LEGEND

-  Younger glacial drift
-  Lake deposits
-  Delta deposits
-  Older glacial drift
-  Undifferentiated Pierre
-  Pre-Cambrian granite

Contours show the altitude above sea level on top of the Greenhorn limestone
 Well borings, see panel diagram for location
 1303 Altitude of ground at well
 767 Altitude on top of Greenhorn
 536 Depth to Greenhorn
 Data taken from sample studies and electric logs



STATE GEOLOGICAL SURVEY
 Compiled and drafted by H.D. Erickson
 Vermillion, South Dakota
 1954

PANEL DIAGRAM

OF NORTHEASTERN SOUTH DAKOTA

