

EXPLANATION

—1600— BEDROCK CONTOUR—Shows altitude of bedrock surface. Contour interval 100 feet (30 meters). National Geodetic Vertical Datum of 1929

•1616 CONTROL POINT—Number is altitude of top of bedrock, in feet. National Geodetic Vertical Datum of 1929

BASE FROM NORTH DAKOTA STATE HIGHWAY DEPARTMENT COUNTY HIGHWAY MAP, 1969

Geology by M. R. Burkart, 1980

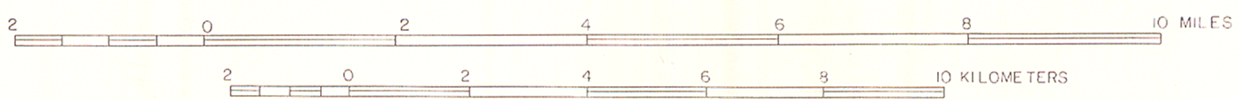
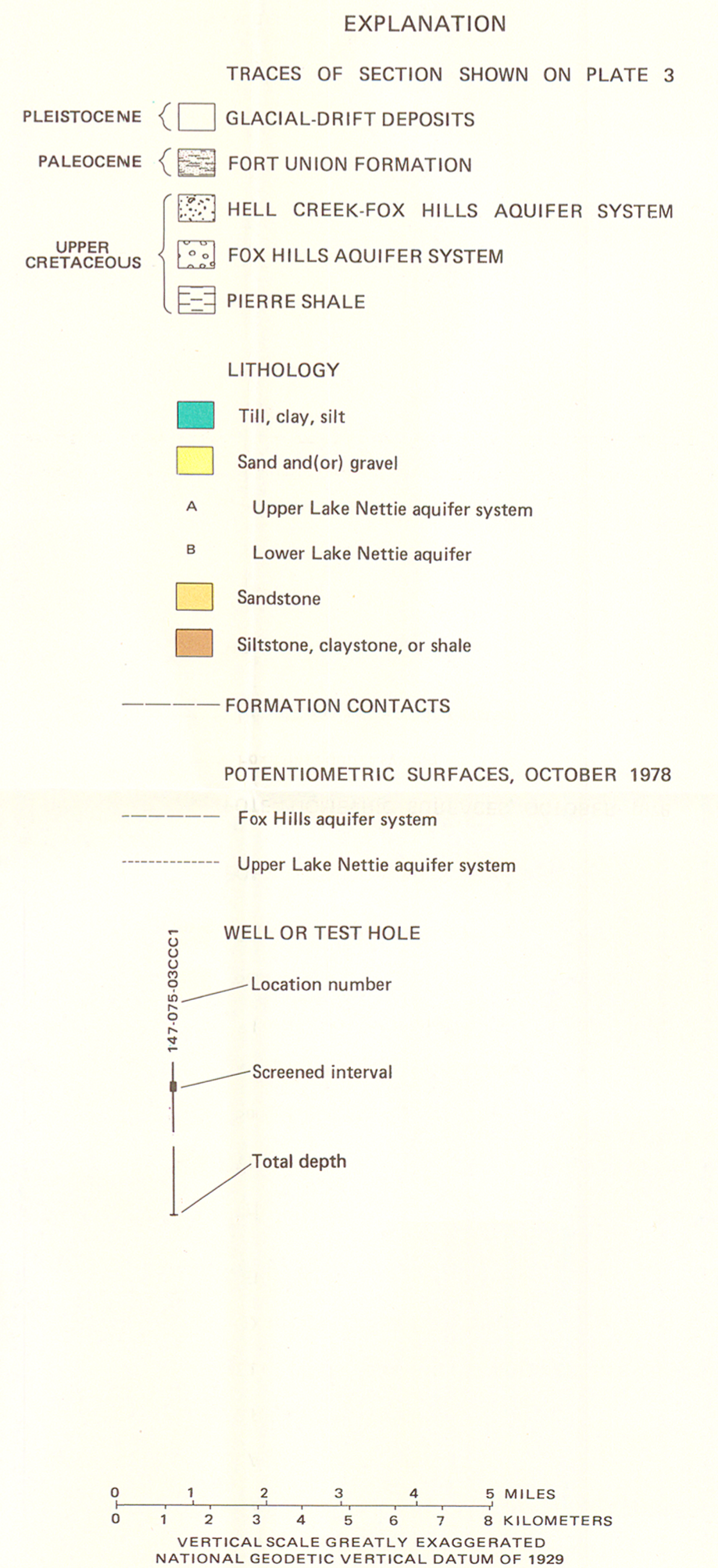
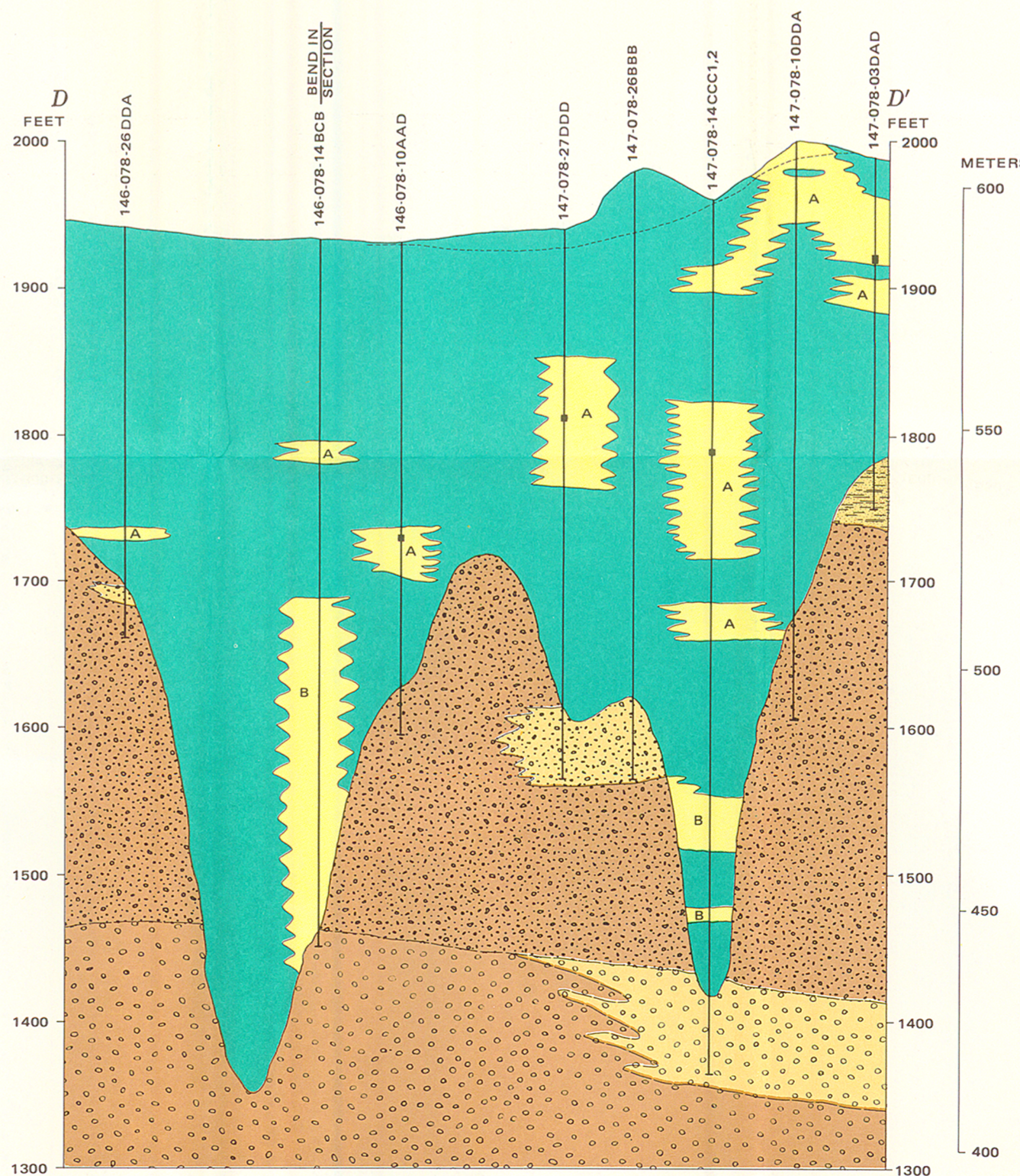
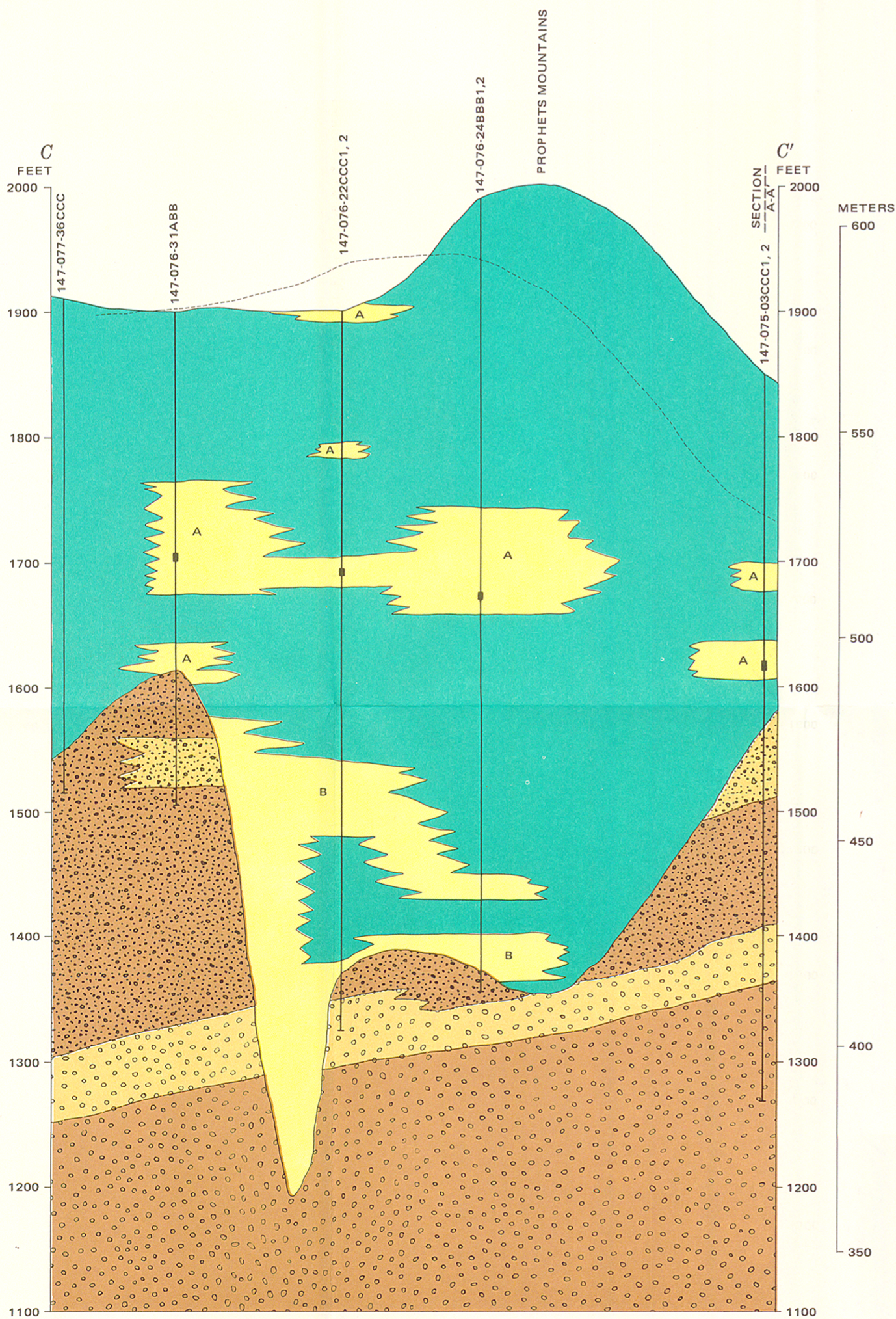
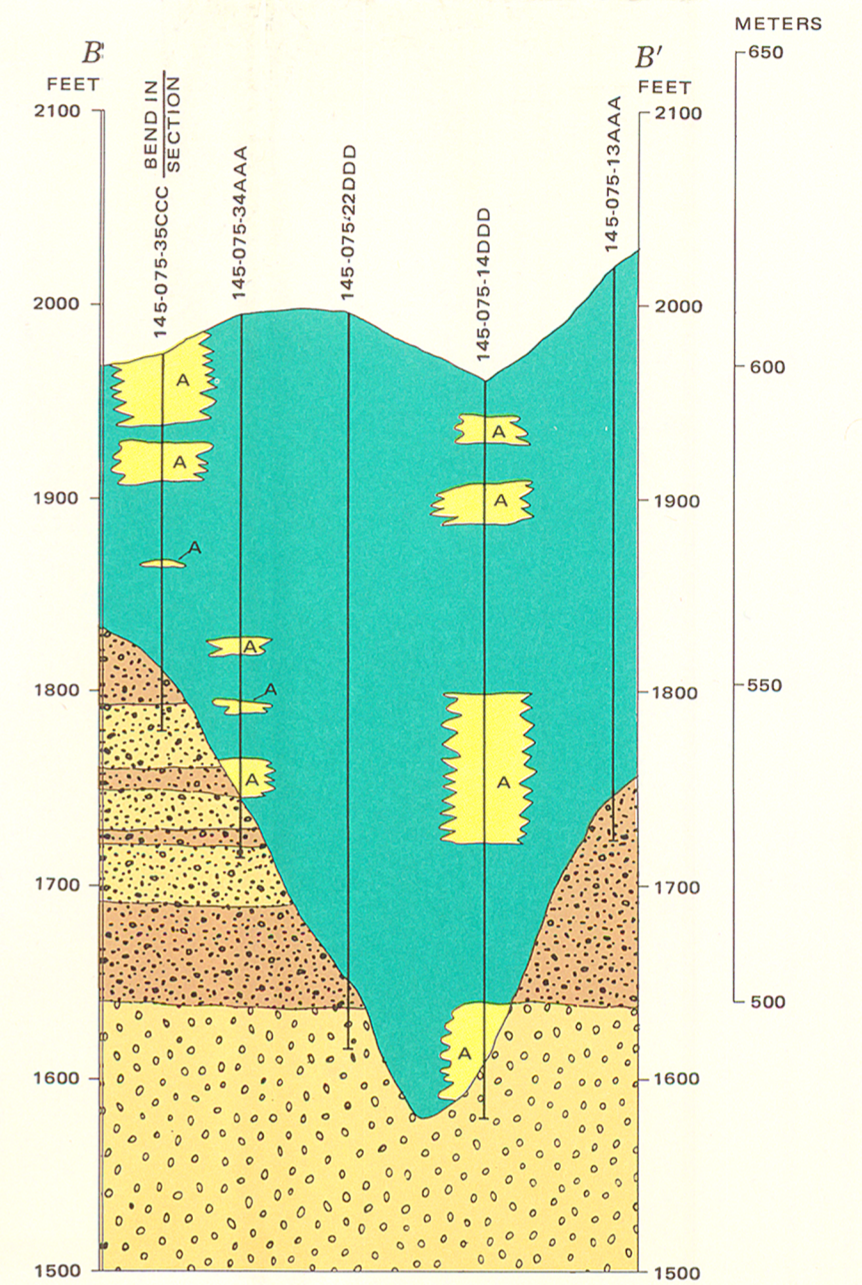
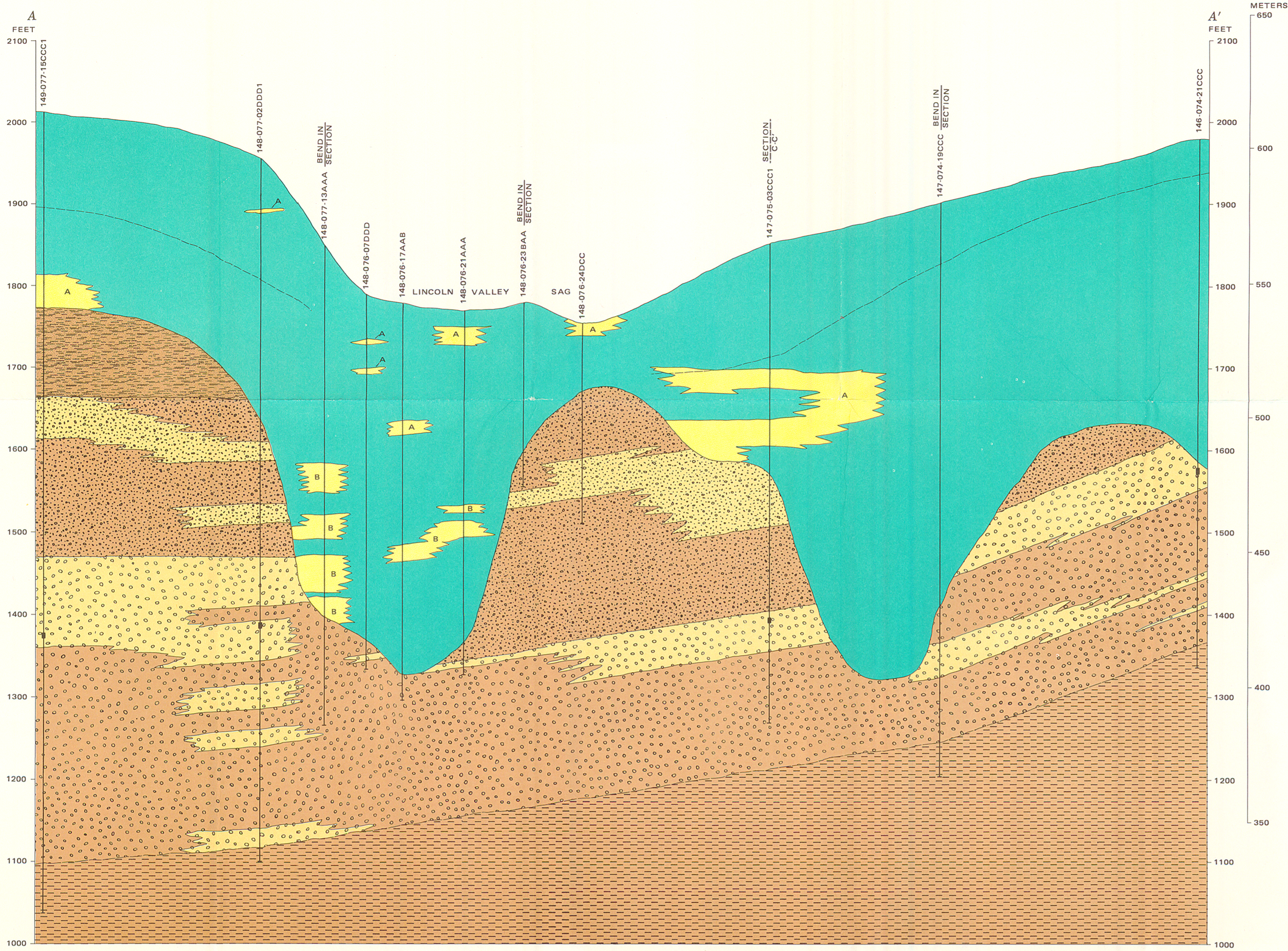
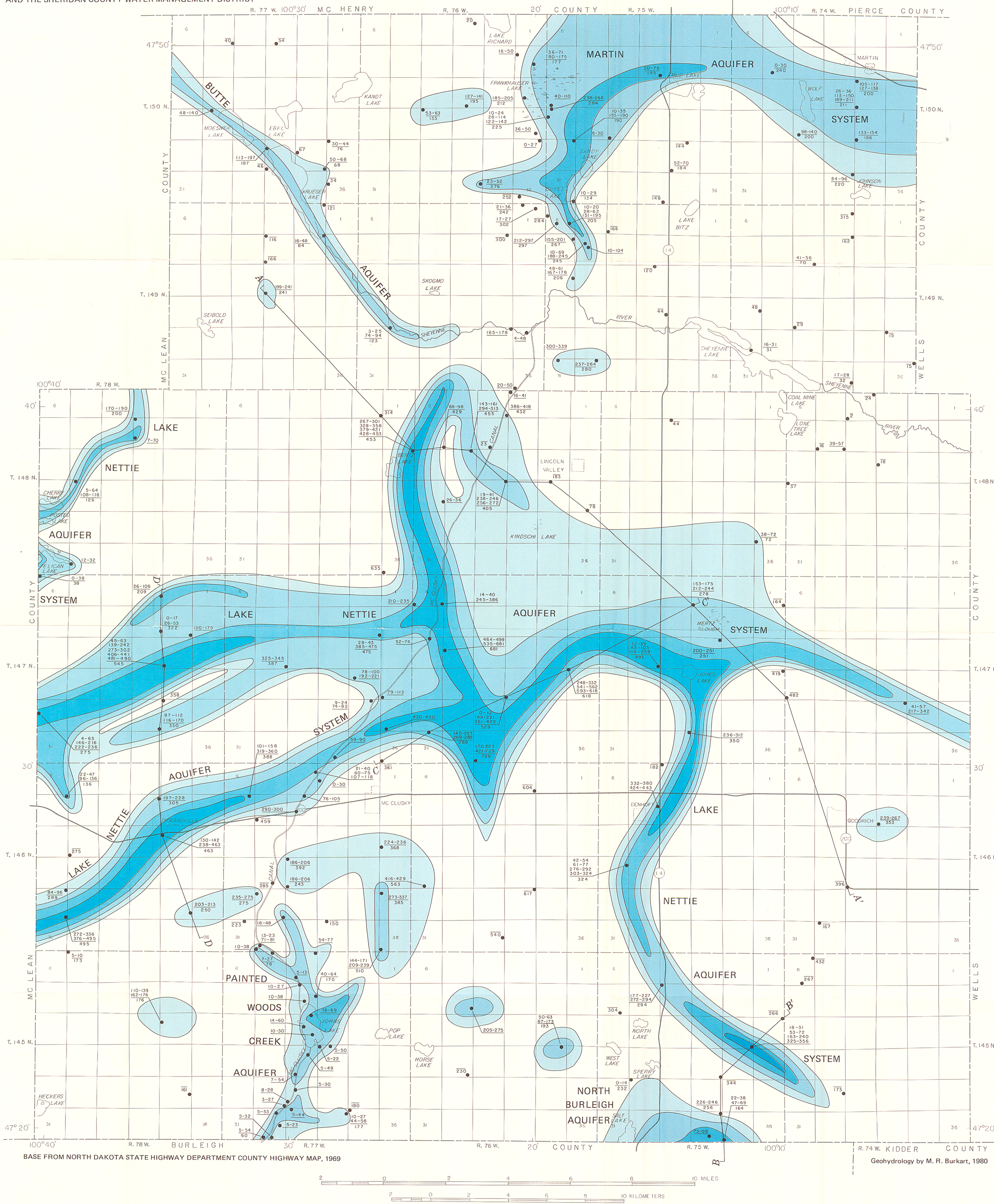


PLATE 1.—BEDROCK TOPOGRAPHY MAP, SHERIDAN COUNTY, NORTH DAKOTA



Geohydrology by M. R. Burkart, 1980

PLATE 2.—HYDROGEOLOGIC SECTIONS, SHERIDAN COUNTY, NORTH DAKOTA



EXPLANATION

ESTIMATED POTENTIAL YIELDS OF WELLS, IN GALLONS PER MINUTE (LITERS PER SECOND) WITH 10 FEET (3 METERS) OF DRAWDOWN

- More than 500 (32)
- 250 to 500 (16 to 32)
- 100 to 250 (6.4 to 16)
- 50 to 100 (3.2 to 6.4)
- Less than 50 (3.2)

SELECTED TEST-HOLE OR WELL DATA

● TEST HOLE OR WELL—Upper numbers are depth to top and bottom of aquifers, in feet. Intervals of less than 10 feet (3 meters) not shown. Lower number is depth to bedrock, in feet below land surface

— YIELD BOUNDARY

A A' TRACE OF SECTION

BASE FROM NORTH DAKOTA STATE HIGHWAY DEPARTMENT COUNTY HIGHWAY MAP, 1969

Geohydrology by M. R. Burkart, 1980



PLATE 3.—MAP SHOWING ESTIMATED POTENTIAL YIELDS FROM GLACIAL-DRIFT AQUIFERS IN SHERIDAN COUNTY, NORTH DAKOTA