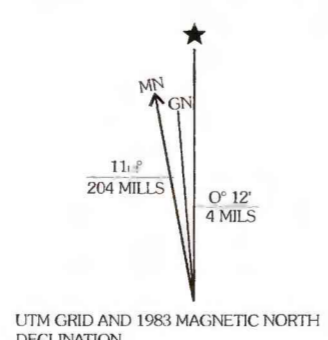
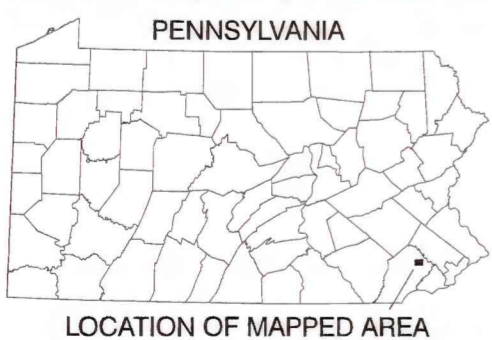


Base from U. S. Geological Survey Malvern 1:24,000 1983



EXPLANATION

— 310 — POTENTIOMETRIC CONTOUR—Shows altitude of potentiometric surface as defined by measured water levels. Dashed where approximately located. Contour interval is every 20 feet below 280 feet and every 10 feet above 280 feet. Altitude in feet above National Geodetic Vertical Datum of 1929.

— 305 — POTENTIOMETRIC CONTOUR OF INSET MAP—Shows altitude of potentiometric surface as defined by measured water levels. Dashed where approximately located. Contour interval is every 5 feet below 285 feet, every foot between 285 feet and 310 feet, and every 5 feet above 310 feet. Altitude in feet above National Geodetic Vertical Datum of 1929.

● 303.59 SITE USED FOR WATER-LEVEL MEASUREMENT—Symbol gives location of site. Number is altitude of water level in feet above National Geodetic Vertical Datum of 1929. Water level given to nearest hundredth of a foot is based on elevation of measuring point surveyed in 1995; water level given to the nearest foot is based on the elevation of measuring point estimated from the 1:24,000 topographic map.

▲ 291 Altitude of static water level measured in drilled well.

▲ 150 Altitude of water level that was measured in a recently pumped drilled well.

▲ 150 Reported elevation of quarry sump.

ALTITUDE AND CONFIGURATION OF THE POTENTIOMETRIC SURFACE, DECEMBER 6, 1994, IN THE CARBONATE ROCKS IN PART OF EAST WHITELAND AND CHARLESTOWN TOWNSHIPS, CHESTER COUNTY, PENNSYLVANIA

By B. Craig McManus and Ronald A. Sloto