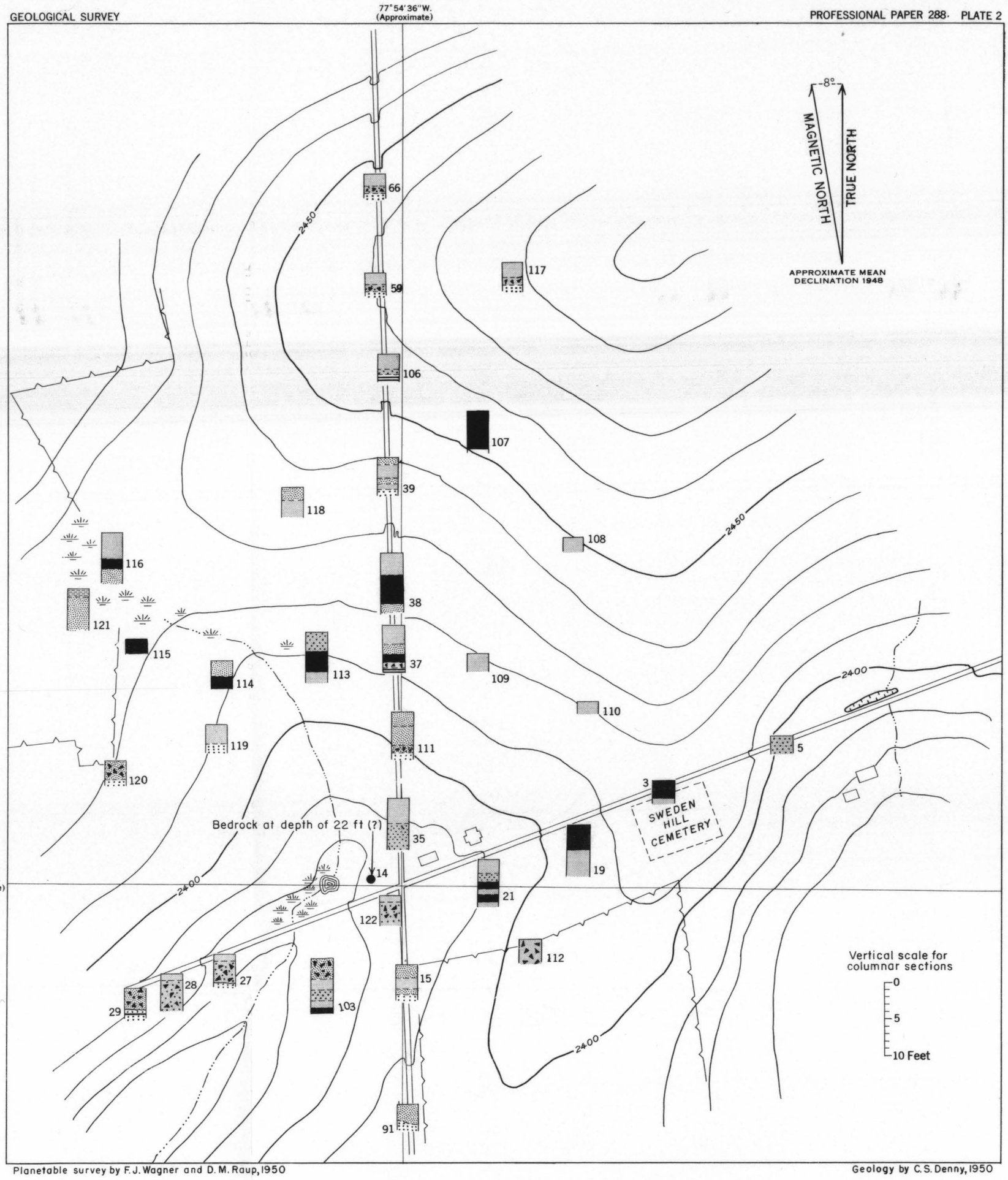

Planetable survey by F. J. Wagner and D. M. Raup, 1950

Geology by C. S. Denny, 1950

EXPLANATION

Periglacial deposits

Pleistocene — Wisconsin stage

Loamy sand to sand; yellowish-brown (10 *YR* -5/4 to 5/6), brown to dark-brown (10 *YR*-4/3), or light-gray (2.5 *Y*-7/2), slightly mottled in some sections; loose to firm, very friable; some sections contain a few fragments of greenish-gray or yellowish-red sandstone

Sandy loam to loam; yellowish- to reddish-brown, brown or gray (10 *YR*-4/3 to 4/4, 5/2, 5/4 to 5/8, 7.2; 7.5 *YR* -4/4 to 5/8; 5 *YR* -3/4; 2.5 *Y*-4/4 to 5/4), slightly mottled in some sections; loose to firm, moderately friable to friable; some sections contain a few fragments of purplish siltstone and greenish-gray or yellowish-red sandstone

Silt loam to clay loam; yellowish-brown (10 *YR* -4/4, 5/4 to 5/8), brown (7.5 *YR* -4/4; 5/4 to 5/8), reddish- to purplish-brown (5 *YR* -3/4 to 4/4), or weak-purplish-red (2.5 *YR* -4/2), strongly mottled in some sections; moderately firm to firm, friable to moderately friable; some sections contain a few fragments of greenish-gray or yellowish-red sandstone, purplish-red siltstone, or gray shale

Silty clay; gray; firm, moderately plastic

Pleistocene — Pre-Wisconsin stage Sangamon interglacial stage (?)

Paleosol

Sandy clay loam to sandy loam; yellowish-red (5 *YR* -4/6 to 4/8, 5/6), reddish-brown (5 *YR* -4/4), or red (2.5 *YR* -4/6 to 4/8), mottled with red and black in some sections; firm, moderately friable to friable; some sections contain fragments, blocks, or flagstones of yellowish-red or greenish-gray sandstone

QUATERNARY

Bedrock

Sandstone, greenish-gray; medium- to fine-grained

Siltstone, purplish-red; shale; gray

PALEOZOIC

Fragments of rock that range from 1 to 3 inches in diameter

Edge of woods

119 Locality referred to in text

Well

400 0 400 Feet

Contour interval 10 feet

Datum is approximate mean sea level

MAP OF AREA OF PALEOSOL NEAR SWEDEN HILL CEMETERY, GENESEE QUADRANGLE, PENNSYLVANIA; COLUMNAR SECTIONS SHOW MATERIALS EXPOSED IN PITS AND AUGER HOLES

371024 O - 56 (In pocket)