SURFICIAL GEOLOGY

STATE OF OHIO
JUDSON HARMON, GOVERNOR
C.E. SHERMAN, INSPECTOR

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

OHIO
COLUMBUS QUADRANGLE

LEGEND

SEDIMENTARY ROCKS

(Areas of subaerial deposits are shown by patterns of dots and circles, subaqueous deposits by patterns of parallel lines)

QUATERNARY

Recent

Qal — Flood-plain deposits and stream alluvium

Qat — Alluvium-covered rock terraces

Qaf — Alluvial fans *(simple and compound)*

Pleistocene (Wisconsin stage)

Qow — Outwash sand and gravel

Qlc — Lacustrine clay and sand *(deposited in small lakes at the margin of the ice sheet)*

Qe — Eskers *(ridges of sand and gravel)*

Qmr — Terminal moraines *(characterized by sag and swell topography, tumuli, and kettles)*

Qk — Kames *(including ice-front ridges)*

Qgm — Ground moraine *(till sheet of yellowish bowlder-clay)*

Marginal escarpments of alluvial or rock terraces

Abandoned glacial and post-glacial drainage lines

Glacial striae

Note: *Rock exposures too small to be mapped are numerous in the ravines.*

Topography and control by U.S. Geological Survey.
Reduced from Dublin, East Columbus, West Columbus, and Westerville atlas sheets.
Surveyed in 1899, 1901, and 1902.

SURVEYED IN COOPERATION WITH THE STATE OF OHIO.

Scale 1/125000
1 ½ 0 1 2 3 4 5 Miles
1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.
Edition of Jan. 1913.

Geology by George D. Hubbard.
Surveyed in 1908-1910.
SURVEYED BY THE STATE OF OHIO.
J.A. Bownocker, State Geologist.