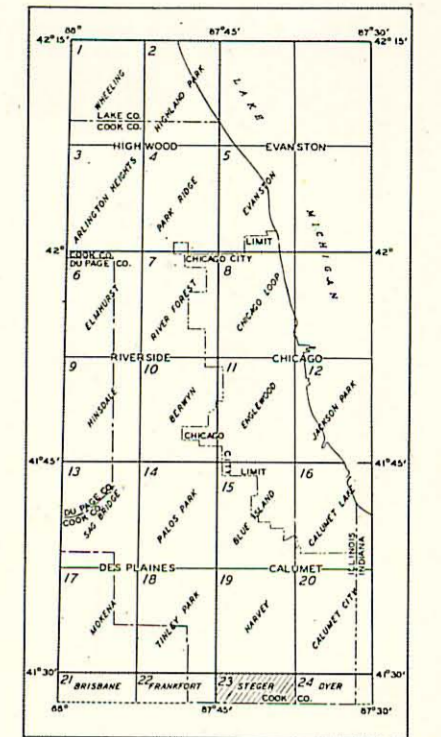
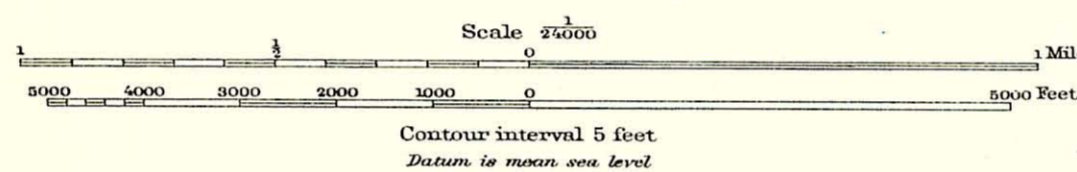


Topographic base surveyed in cooperation
 with the U. S. Geological Survey, 1927

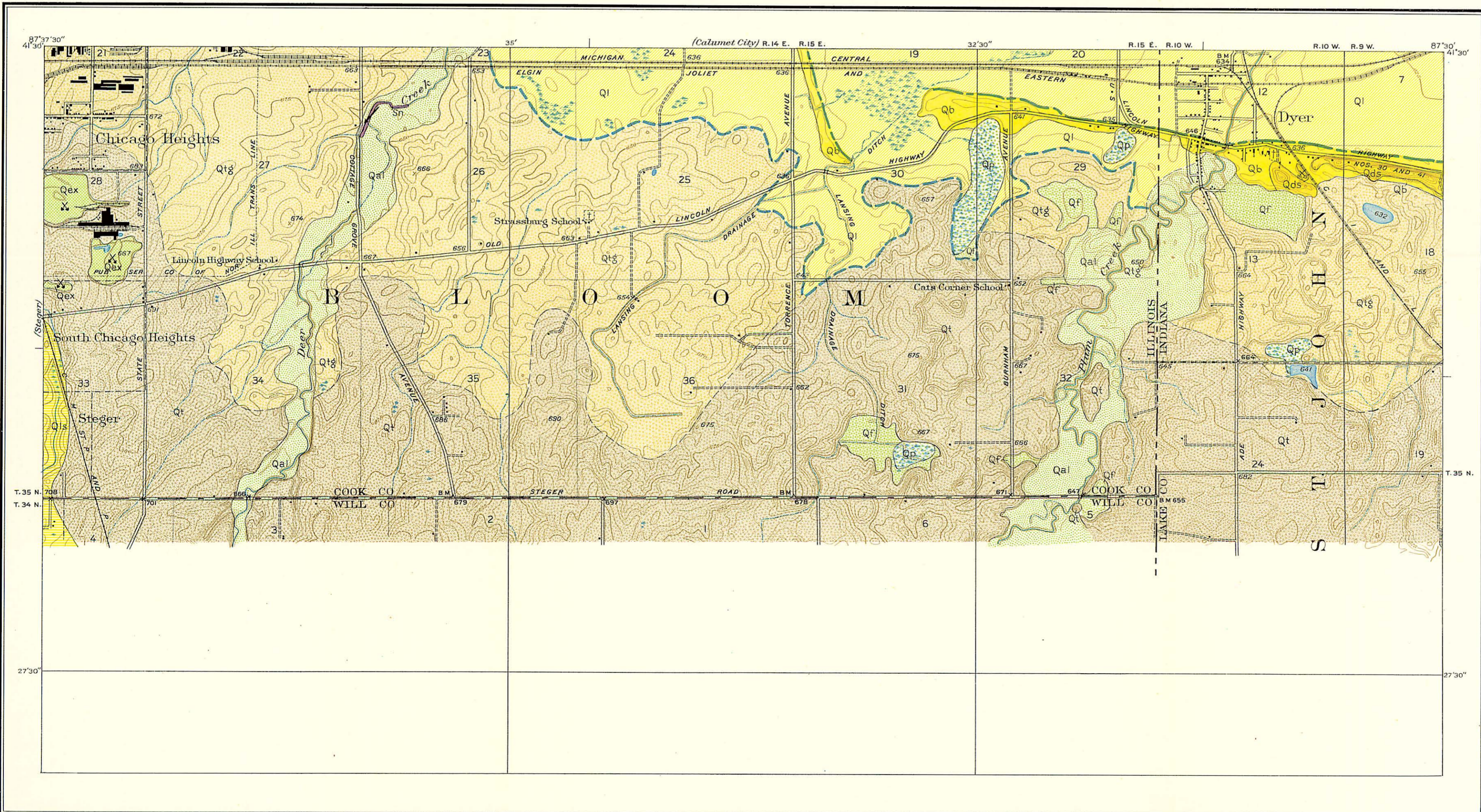
SURFICIAL GEOLOGY OF PART OF THE STEGER QUADRANGLE

BY
J HARLEN BRETZ

Geologically surveyed in 1930-1932.
 In connection with other
 quadrangles of the Chicago area.



- LEGEND**
- Excavations in unconsolidated material
 - Peat and muck deposits
 - Basin fills of surface wash
 - Alluvium
(Silt, sand, and gravel deposited by present streams)
 - Dune sand
(Mainly beach sand reworked by wind)
 - Beach ridges and related deposits of sand and gravel
(Made during the various stages of Lake Chicago)
 - Glacial lake bottom
(Commonly without lacustrine deposits)
 - Glacial lake bottom
(Covered by lacustrine silt and sand)
 - Tinley ground-moraine
 - Tinley moraine
 - Valparaiso ground-moraine
 - Valparaiso moraine
 - Niagaran series of undifferentiated dolomitic formations, exposed
- (Where defined by bench deposits or more-cut elevations)*
- (Where not defined by shore features but generalized with reference to contour lines)*
- Definitely determined boundary between deposits
- Indefinite boundary between deposits
- Glacial striae, oriented in direction
- Sand or gravel pit
- Clay pit



Topographic base surveyed in cooperation
 with the U. S. Geological Survey, 1927

SURFICIAL GEOLOGY OF PART OF THE DYER QUADRANGLE

BY
J HARLEN BRETZ

Geologically surveyed in 1930-1932.
 In connection with other
 quadrangles of the Chicago area.

