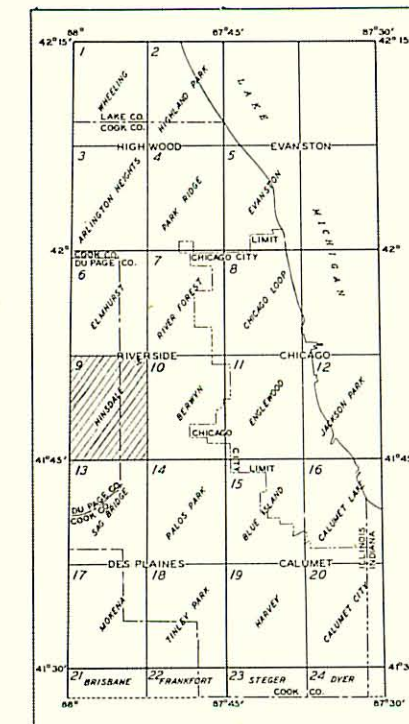


- LEGEND**
- Recent**
 - Qm Made land (Artificial fills, spoil banks, dumps, etc.)
 - Qp Peat and muck deposits
 - Qf Basin fills of surface wash
 - Qal Alluvium (Silt, sand, and gravel deposited by present stream)
 - Qb Beach ridges and related deposits of sand and gravel (Made during and along the various stages of Lake Chicago)
 - Ql Glacial lake bottom (Commonly without lacustrine deposits)
 - Qr Glacial river bottom (Chiefly erosional, with some residual gravel)
 - Qke Kames, eskers, and similar deposits (Partly sorted sand and gravel deposited in close relation to glacial ice)
 - Qtg Tinley ground-moraine
 - Qt Tinley moraine
 - Qvg Valparaiso ground-moraine
 - Qv Valparaiso moraine
 - Qle Lemont drift
 - Sn Niagara series of undifferentiated dolomitic formations, exposed
 - Snc Niagara formations, thinly covered
 - Wisconsin**
 - Shoreline of Glenwood (oldest stage of Lake Chicago) (Where defined by beach deposits or wave-cut cliffs)
 - Approximate position of shorelines of Lake Chicago (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
 - Rock quarry
 - Sand or gravel pit
 - Silurian**

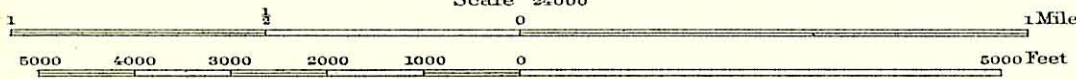


Topographic base surveyed in cooperation with the U. S. Geological Survey, 1925

SURFICIAL GEOLOGY OF THE HINSDALE QUADRANGLE

BY
J HARLEN BRETZ

Scale 25000



Contour interval 5 feet
Datum is mean sea level

A. Hoen & Co.

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