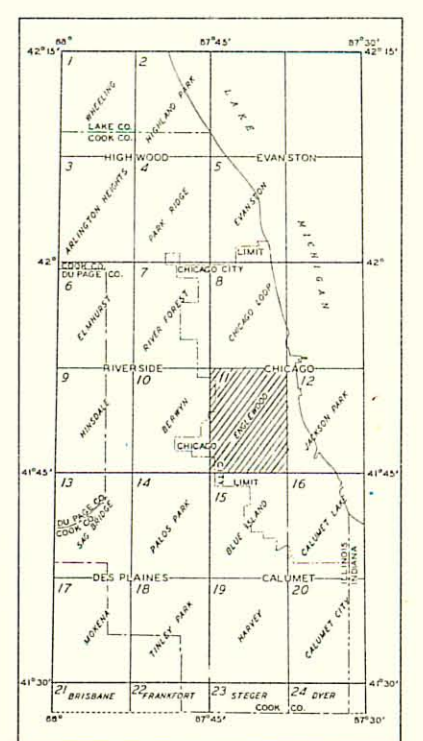


- LEGEND**
- Recent**
    - Qm Made land (Artificial fills, spoil banks, dumps, etc.)
    - Qex Excavations in unconsolidated material
    - Qa1 Alluvium (Silt, mud, and gravel deposited by present stream)
    - Qb Beach ridges and related deposits of sand and gravel (Made during and since the various stages of Lake Chicago)
  - Wisconsin**
    - Q1 Glacial lake bottom (Commonly without lacustrine deposits)
    - Q1s Glacial lake bottom (Covered by lacustrine silt and sand)
  - Silurian**
    - Sn Niagara series of undifferentiated dolomitic formations, exposed
    - Snc Niagara formations, thinly covered
  - Shoreline of Tolleston stage of Lake Chicago (Where defined by beach deposits or wave-cut cliffs)
  - Shoreline of Calumet stage of Lake Chicago (Where defined by beach deposits or wave-cut cliffs)
  - Approximate position of shorelines of Lake Chicago (Where not defined by above features but generated with reference to contour lines)
  - Definitely determined boundary between deposits
  - Indefinite boundary between deposits
  - Boundaries between deposits determined in 1896-98, but now largely or completely destroyed or obscured. (W. C. Alden, U. S. Geol. Survey Geol. Atlas, Chicago folio 11, p. 21, 1902)
  - Glacial striae, oriented in direction
  - Rock quarry
  - Clay pit



Topographic base surveyed in cooperation with the U. S. Geological Survey, 1926

**SURFICIAL GEOLOGY OF THE ENGLEWOOD QUADRANGLE**  
 BY  
**J HARLEN BRETZ**

A. Hoan & Co.

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

