

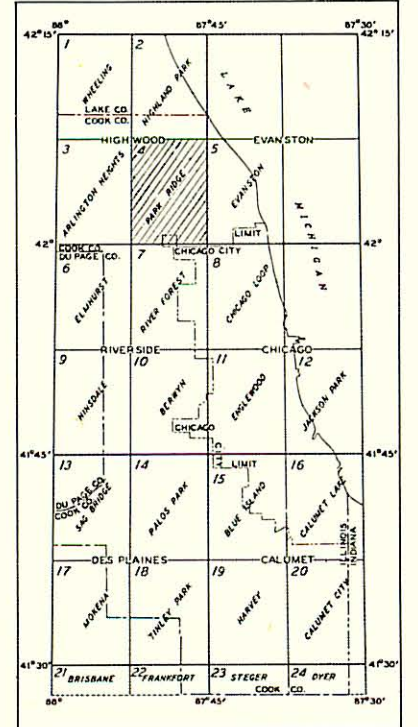
**LEGEND**

**Recent**

- Excavations in unconsolidated material (Qex)
- Peat and muck deposits (Qp)
- Alluvium (Qal)
- (Silt, sand, and gravel deposited by present streams)
- Beach ridges and related deposits of sand and gravel (Made during the various stages of Lake Chicago) (Qb)
- Glacial lake bottom (Commonly without lacustrine deposits) (Ql)
- Deltaic deposits in glacial lakes (Chiefly silt and sand) (Qld)
- Glacial river bars (Low mounds and hillocks of gravel deposited by glacial streams) (Qrb)
- Valley-train (Mainly well-sorted sand and gravel deposited by glacial streams in open valleys) (Qvt)
- Lake Border ground-moraine (Qbg)
- Lake Border moraines:
  - h-Highland Park moraine
  - b-Hoylest moraine
  - g-Berfield moraine
  - p-Park Ridge moraine
- Tinley ground-moraine (Qtg)

**Wisconsinan**

- Shoreline of Culmet stage of Lake Chicago (Where defined by beach deposits or wave-cut cliffs)
- Shoreline of Glenwood (oldest) stage of Lake Chicago (Where not 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
- Sand or gravel pit
- Clay pit



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

**SURFICIAL GEOLOGY OF THE PARK RIDGE QUADRANGLE**  
 BY  
**J HARLEN BRETZ**

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

