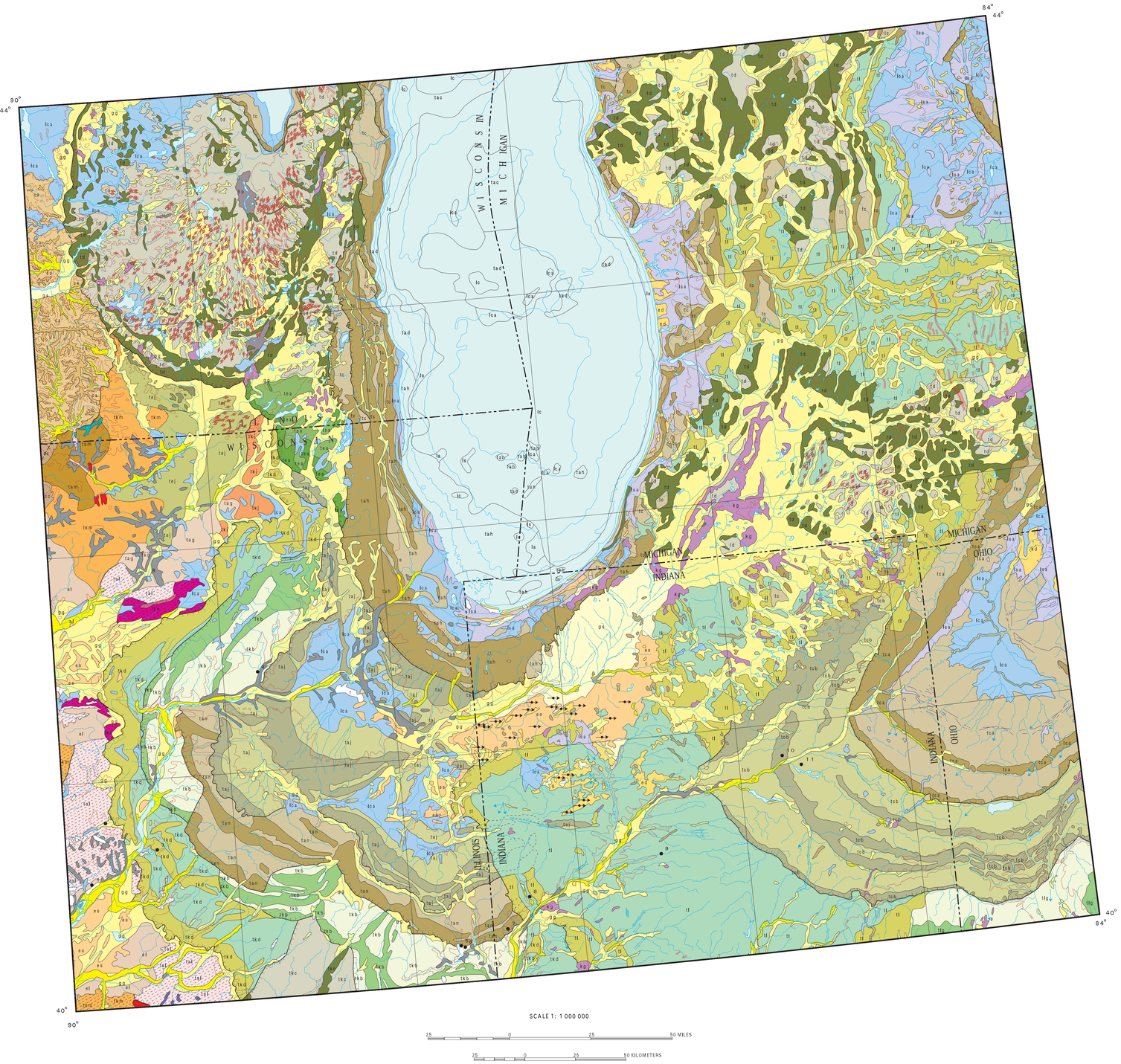

SCALE 1: 1 000 000

25 0 25 50 MILES

25 0 25 50 KILOMETERS

Plot of digital database for
QUATERNARY GEOLOGIC MAP OF THE CHICAGO 4° x 6° QUADRANGLE, UNITED STATES

LIST OF MAP UNITS

- lc — LAKE CLAY AND SILT UNDER LAKE MICHIGAN
- ls — LAKE SAND AND GRAVEL UNDER LAKE MICHIGAN
- al — ALLUVIUM
- hs — SWAMP DEPOSIT
- hp — PEAT
- es — EOLIAN SHEET SAND
- ed — DUNE SAND
- el — LOESS
- ca — COLLUVIUM AND SHEETWASH ALLUVIUM
- lca — LAKE CLAY AND SILT
- lsa — LAKE SAND AND GRAVEL
- gg — OUTWASH SAND AND GRAVEL
- gs — OUTWASH SAND
- kg — ICE-CONTACT SAND AND GRAVEL
- tc — CLAYEY TILL--Ground moraine
- tc — CLAYEY TILL--End moraine
- tca — CLAYEY TILL--Ground moraine
- tca — CLAYEY TILL--End moraine
- tcb — CLAYEY TILL--Ground moraine
- tcb — CLAYEY TILL--End moraine
- tl — LOAMY TILL--Ground moraine
- tl — LOAMY TILL--End moraine
- tlg — LOAMY TILL--Ground moraine
- tlg — LOAMY TILL--End moraine
- td — SANDY LOAMY TILL--Ground moraine
- td — SANDY LOAMY TILL--End moraine
- tac — CLAYEY TILL (MANITOWOC TILL MEMBER UNDER LAKE MICHIGAN)
- tad — CLAYEY TILL (SHOREWOOD TILL MEMBER UNDER LAKE MIGHIGAN)
- tah — CLAYEY TILL (WADSWORTH TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--Ground moraine
- tah — CLAYEY TILL (WADSWORTH TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--Ground moraine and end moraine under Lake Michigan
- tah — CLAYEY TILL (WADSWORTH TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--End moraine
- tea — SANDY LOAMY TILL (HAGER TILL MEMBER IN ILLINOIS AND EQUIVALENT IN WISCONSIN)--Ground moraine
- tea — SANDY LOAMY TILL (HAGER TILL MEMBER IN ILLINOIS AND EQUIVALENT IN WISCONSIN)--End moraine
- taj — CLAYEY TILL (YORKVILLE TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--Ground moraine
- taj — CLAYEY TILL (YORKVILLE TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--End moraine
- tan — CLAYEY TILL (SNIDER TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--Ground moraine
- tan — CLAYEY TILL (SNIDER TILL MEMBER IN ILLINOIS AND EQUIVALENT IN INDIANA)--End moraine
- tkb — LOAMY TILL (BATESTOWN TILL MEMBER, MALDEN TILL MEMBER, AND MALDON AND SNIDER TILL MEMBERS UNDIFFERENTIATED IN ILLINOIS; BATESTOWN TILL MEMBER EQUIVALENT IN INDIANA)--Ground moraine
- tkb — LOAMY TILL (BATESTOWN TILL MEMBER, MALDEN TILL MEMBER, AND MALDON AND SNIDER TILL MEMBERS UNDIFFERENTIATED IN ILLINOIS; BATESTOWN TILL MEMBER EQUIVALENT IN INDIANA)--End moraine
- tkc — LOAMY TILL (PIATT TILL MEMBER)--Ground moraine
- tkc — LOAMY TILL (PIATT TILL MEMBER)--End moraine
- tkd — LOAMY TILL (TISKILWA, DELAVAN, AND FAIRGRANGE TILL MEMBERS IN ILLINOIS; FAIRGRANGE TILL MEMBER EQUIVALENT IN INDIANA)--Ground moraine
- tkd — LOAMY TILL (TISKILWA, DELAVAN, AND FAIRGRANGE TILL MEMBERS IN ILLINOIS; FAIRGRANGE TILL MEMBER EQUIVALENT IN INDIANA)--End moraine
- tkj — LOAMY TILL (CAPRON TILL MEMBER OF WINNEBAGO FORMATION IN ILLINOIS AND EQUIVALENT IN WISCONSIN)
- tej — SANDY LOAMY TILL (ARGYLE TILL MEMBER OF WINNEBAGO FORMATION IN ILLINOIS AND EQUIVALENT IN WISCONSIN)--Ground moraine
- tej — SANDY LOAMY TILL (ARGYLE TILL MEMBER OF WINNEBAGO FORMATION IN ILLINOIS AND EQUIVALENT IN WISCONSIN)--End moraine
- lcd — LAKE SILT AND CLAY
- lcl — LAKE SILT AND CLAY
- lsp — LAKE SAND AND SILT
- gsi — OUTWASH SILT, SAND, AND GRAVEL
- kgi — ICE-CONTACT SAND AND GRAVEL
- tal — CLAYEY TILL (RADNOR AND STERLING TILL MEMBERS OF GLASFORD FORMATION IN ILLINOIS)
- tag — CLAYEY TILL (ESMOND TILL MEMBER OF GLASFORD FORMATION IN ILLINOIS)
- tke — LOAMY TILL (LEE CENTER TILL MEMBER OF GLASFORD FORMATION IN ILLINOIS)--Ground moraine
- tke — LOAMY TILL (LEE CENTER TILL MEMBER OF GLASFORD FORMATION IN ILLINOIS)--End moraine
- tkm — LOAMY TILL (OGLE, HULICK, AND VANDALIA TILL MEMBERS OF GLASFORD FORMATION IN ILLINOIS; OGLE TILL MEMBER EQUIVALENT IN WISCONSIN)
- tam — CLAYEY TILL (WINSLOW TILL MEMBER OF GLASFORD FORMATION IN ILLINOIS AND EQUIVALENT IN WISCONSIN)--Ground moraine
- tam — CLAYEY TILL (WINSLOW TILL MEMBER OF GLASFORD FORMATION IN ILLINOIS AND EQUIVALENT IN WISCONSIN)--End moraine
- cr — COLLUVIUM
- cc — COLLUVIUM
- R — BEDROCK
- f — MANMADE
- LOESS MANTLE
- CONTACT
- BURIED END MORAINE
- SHORELINE DEPOSIT
- ESKER
- OUTER LIMIT OF GLACIAL ADVANCE--CERTAIN
- OUTER LIMIT OF GLACIAL ADVANCE--INFERRED
- MELTWATER CHANNEL
- DRUMLIN
- GLACIALLY FLUTED LANDFORM
- CONCENTRIC MINOR MORAINE FORMS
- WIND DIRECTION INDICATED BY DUNE ORIENTATIONS
- DIRECTION OF ICE MOVEMENT INDICATED BY STRIATION
- 1 Tindall School Section, Illinois
- 2 Jubilee College Section, Illinois
- 3 Farm Creek Section, Illinois
- 4 Wedron Section, Illinois
- 5 Emerald Pond Section, Illinois
- 6 Harmattan Strip Mine, Illinois
- 7 Opossum Run Section, Indiana
- 8 Lovers Leap Section, Indiana
- 9 Adams Mill Section, Indiana
- 10 Lagro Section, Indiana
- 11 New Holland Section, Indiana