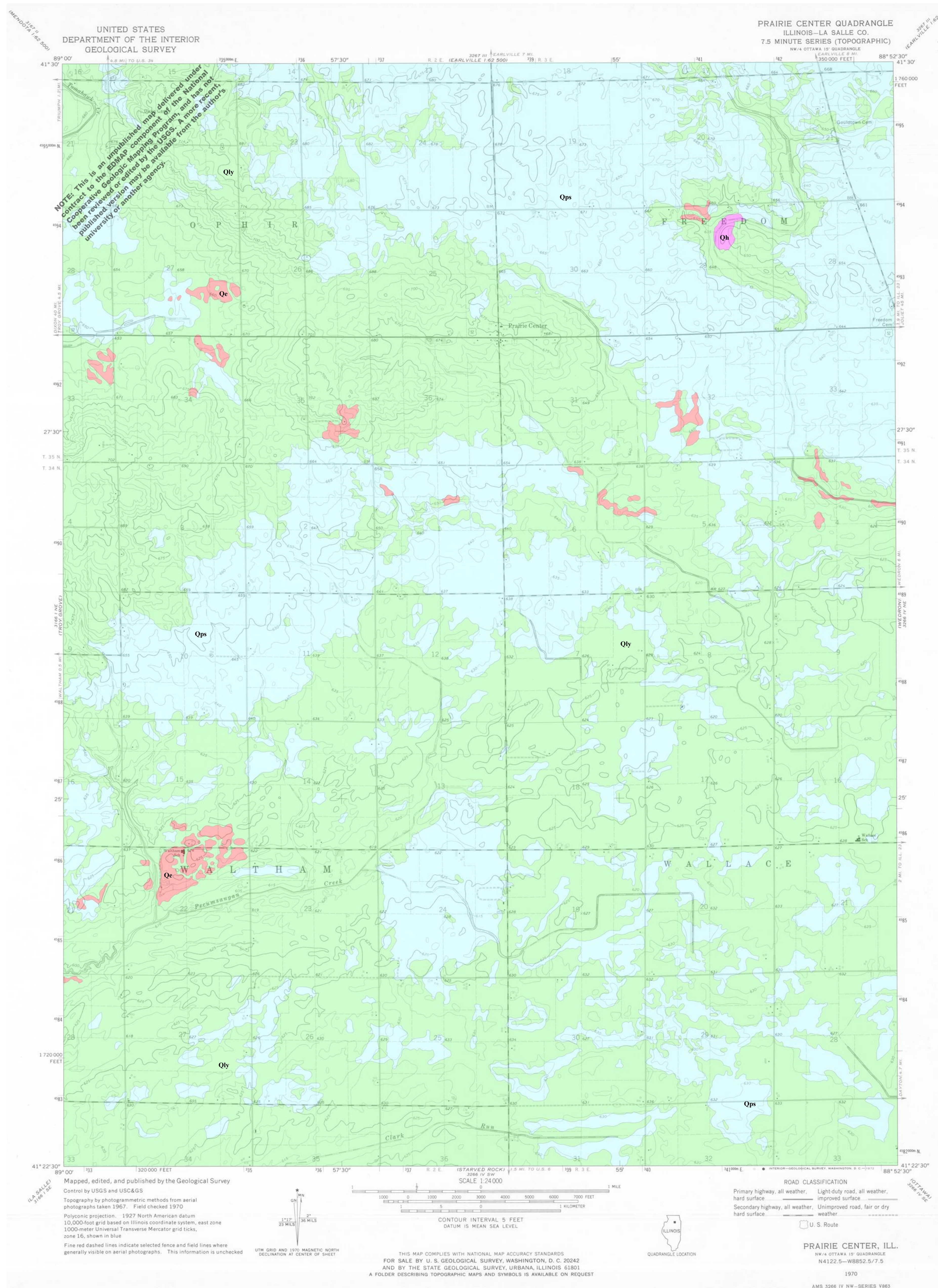


SURFICIAL GEOLOGY OF PRAIRIE CENTER QUADRANGLE LASALLE COUNTY, ILLINOIS

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2007

Prairie Center Quadrangle
Illinois - LaSalle Co
7.5 Minute Series (Topographic)



Material

Lithostratigraphic Units And Interpretations

Quaternary System

Brown to gray to red bedded silt and clay

Qe

Equality Formation: Lacustrine sediment deposited in glacial and postglacial lakes. Lonestones (isolated stones) and lenses of gravel, sand, diamicton, organic debris, and wood are present locally in the silt and clay. Thickness: 2-20 m.

Fine to coarse grained, well to poorly stratified sediments of sand and gravel

Qh

Henry Formation: Outwash deposits adjacent to or leading away from the glacier, nearshore sand and gravel deposited in beaches, spits, bars, and deltas in glacial and postglacial lakes, and eolian sand derived from placioluvial, fluvial, and nearshore lake sediments deposited in dunes and sheets on and adjacent to those sediments. Thickness: 1-65 m.

Light yellow tan to gray silt.

Qps

Peoria Silt: Predominantly proglacial loess derived primarily from meltwater channels. In some areas it may contain small amounts of eolian sand, and locally it contains colluviated and sheetwash silt. Thickness: 0-10 m.

Calcareous, gray fine to coarse textured (silty clay to sandy loam) diamicton.

Qly

Lenont Formation: Subglacial and ice-marginal facies of several offlapping glaciogenic sequences. Predominant clast lithologies consist of Paleozoic shale and carbonate. Thickness: 0-60 m.

Contact

ROAD CLASSIFICATION
Primary highway, all weather. Light duty road, all weather, hard surface. Improved surface.
Secondary highway, all weather. Unimproved road, fair or dry weather.
U. S. Route

PRAIRIE CENTER, ILL.
NW 1/4 OTTAWA 15' QUADRANGLE
N4122.5-W8852.5/7.5
1970
AMS 3266 IV NW-SERIES 5983