

AREAL GEOLOGY

STATE OF ILLINOIS

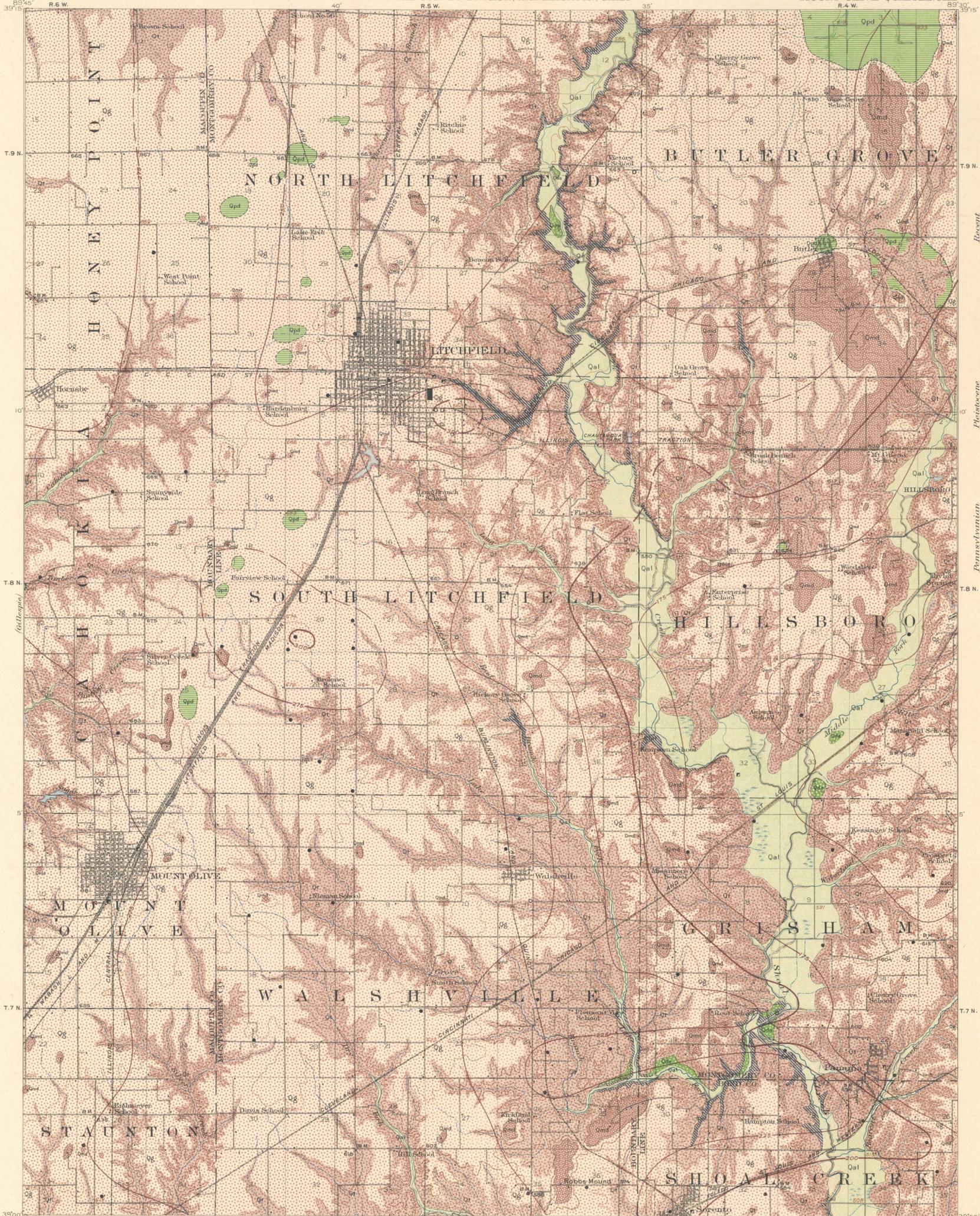
DEPARTMENT OF REGISTRATION AND EDUCATION

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ILLINOIS
MOUNT OLIVE QUADRANGLE



EXPLANATION

SEDIMENTARY ROCKS

Areas of sedimentary deposits are shown by patterns of parallel lines; uncolored deposits by patterns of dots and circles.

Qal
Alluvium
(in flood plains of present streams, alluvial fans, and some gravel near some streams; some gravel near some streams)

Qps
Dissected older alluvium
(sand and gravel on low terraces)

Qpd
Remnants of old pond deposits
(greenish-black carbonaceous clay, grading up into gravel, while in uncolored zone former approximate outlines of ponds shown by dashed lines)

Qg
Upland gumbo
(retrogressive yellowish-gray clay)

Qmd
Monsial drift
(masses of gravelly and coarse sandy clay with some lenses of sand and gravel)

Qt
Glacial till
(dark bluish-gray gravelly and sandy clay)

UNCONFORMITY
Qp

McLeansboro Formation
(shaly shale and sandy shale with some sandstone, thin beds of coal and several thin layers of limestone; contains all Quaternary deposits in the quadrangle)

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