

A STUDY OF THE GLACIAL TILLS IN WEST-CENTRAL ILLINOIS
USING SPATIAL ANALYSIS OF THE TILL FABRIC

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ABSTRACT

The glacial events of west-central Illinois are not well understood. Till fabric pebble lithology and calcite-dolomite analyses were performed on a number of tills in the area in an attempt to separate Kansan and Illinoian deposits. The results are inconclusive. Differences in the fabric, pebble lithology, and calcite-dolomite ratios of the tills seem to be influenced more by local factors than by glacial advances.