





















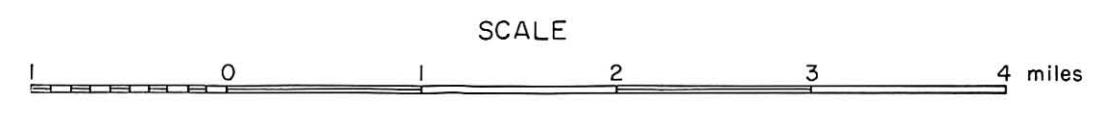


EXPLANATION

-  Upper terrace sand and gravel: more than 20 feet thick in most places, with 3 to 5 feet of silty overburden. Upper part is mainly sandy gravel, but lower part may be coarse gravel.
-  Lower terrace sand and gravel: more than 20 feet thick in most places, with 2 to 5 feet of silty overburden. Upper part is mainly pebbly sand, but lower part may be gravel.
-  Alluvium over glacial sand and gravel: sand and gravel, more than 20 feet thick in most places, with 2 to 5 feet of silty or clayey overburden. Coarse-grained gravel in some places.
-  Sand and gravel cropping out beneath glacial till: deposits of variable thickness and ranging from sand to coarse-grained gravel over short distances, with 2 to 5 feet of silty overburden in most places. The deposits extend beneath the adjoining uplands, but here they are overlain by too great a thickness of till overburden to be mapped as a sand and gravel resource.
-  Hills and ridges of sand and gravel: deposits of greatly variable thickness and ranging from sand to coarse-grained gravel over short distances, commonly containing masses or beds of glacial till, generally with less than 2 feet of silty overburden.
-  Other sand and gravel: sand and gravel in places, less than 10 feet thick in most places, with 3 to 6 feet of silty overburden.
-  Slackwater deposits: sand and possibly gravel in places, but mainly silt. The sand and gravel deposits are generally less than 10 feet thick and are overlain by 3 to 6 feet of silt.
-  Alluvium: sand and gravel in places, but mainly silt and clay. The sand and gravel deposits are generally less than 5 feet thick in most places and are overlain by 2 to 6 feet of silt and clay.
-  Peat: dark brown to black plant remains, probably less than 10 feet thick, possibly overlying sand or gravel in places.
-  Areas devoid of sand and gravel: underlain mainly by glacial till, a poorly sorted mixture of clay, silt, sand, pebbles, and boulders. A few small areas of bedrock are included.

-  Active gravel pit
-  Idle or abandoned gravel pit
-  Wells or foundation test borings
-  Driller's log only
-  Sample study only
-  Driller's log and sample study log

-  10c Thickness of clay, silt, or till (thickness given in feet)
-  30s Thickness of sand and/or gravel
-  20cs Thickness of clay, silt, or till with minor sand and/or gravel
-  40sc Thickness of sand and/or gravel with minor clay, silt, or till
-  BR Bedrock
-  30+s Bedrock not reached



SAND AND GRAVEL RESOURCES OF BOONE COUNTY, ILLINOIS

by

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1967