

Sample Logs of Test Holes

Doniphan County, Kansas

by

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in

State Geological Survey of Kansas
and

U.S. Geological Survey
Water Resources Division
at

Lawrence, Kansas

1970

5-19-4baa.--Sample log of test hole in NE NE NW sec. 4, T. 5 S., R. 19 E., Atchison County. Drilled Nov. 4, 1948; depth to water, 24.3 feet; altitude of land surface 1,102.4 feet.

	Thickness, feet	Depth, feet
QUATERNARY		
Pleistocene Series		
Wisconsinan Stage-Peoria and Bignell		
Formations undifferentiated		
Silt, clayey, tan and dark brown	4	4
Kansan Stage-Cedar Bluffs Till		
Clay, silty, reddish brown	6	10
Sand, fine to coarse, and gravel; contains some reddish brown clay	9	19
Clay, tan; contains much sand	12.5	31.5
Kansan Stage-Nickerson Till		
Clay, dark bluish gray; contains much sand and gravel	8.5	40
Clay, dark bluish gray; contains sand and gravel	40	80
Clay, bluish gray, sandy	10	90
Sand, medium to coarse	7	97
Gravel, chert, medium to coarse; contains some clay and fine sand	9.5	106.5
PENNSYLVANIAN		
Upper Pennsylvanian Series		
Virgilian Stage-Shawnee Group		
Limestone, hard, gray	0.5	107