

June 24, 1977

Logs of test holes for bridge on north line NE 1/4 Sec. 8, T.21N., R.5W., Richerson County, Kansas. Project No. 27. Depths in feet below land surface.

No. 1, 3 ft. left. Sta. 31+50. Top hole elev. 1511.04

Alluvium:

0	4	Silt, sandy, gray
4	15	Clay, light brown and light gray; interbedded with sand, fine
15	19.5	Clay, light blue-gray; interbedded with sand, fine
19.5	27	Sand, fine to medium and interbedded clay, gray, carbonaceous; some w/
27	35	Clay, soft, sandy, gray
35	47	Clay, compact, dark gray
47	52	Clay, silty, soft, light brown
52	55.5	Gravel, coarse to fine and sand

Missosian shale:

55.5	60	Shale, brick red and gray-green (6 tons/sq ft)
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No. 2, 10 ft. right Sta. 30+50. Top hole elev. 1511.24

Alluvium:

0	3	Sand, fine to medium, silty
3	9	Sand, fine to medium
9	11	Clay, soft, silty, light brown
11	14	Clay, compact, light gray-brown
14	18.5	Sand, fine to medium
18.5	20	Clay, light gray-brown; interbedded with silt, clayey, light brown
20	34	Clay, soft, light greenish-gray and dark gray
34	48	Clay, compact, dark gray
48	52	Clay, soft, silty, dark gray
52	57.5	Gravel, coarse to fine and sand

Missosian shale:

57.5	60	Shale, brick red and gray-green (6 tons/sq ft)
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