

June 24, 1977

Logs of test holes for bridge on north line E/ N/ W Sec. 6, T.21S., R.5E., McPherson County, Kansas. Project No. 26. Depths in feet below land surface

No. 1, 33 ft. right Sta. 42+20. Top hole Elev. 1514.06. (Side offset to clear power lines)

Alluvium

0	2	Clay, compact, dark gray
2	9	Clay, silty, firm, light brown
9	10	Sand, fine to medium
10	21	Clay, silty, light gray-green
21	25	Sand, fine to coarse, silty
25	28	Clay, sandy, soft, blue-gray
28	34	Sand, fine to coarse, contains much silt, gray
34	43	Clay, compact, blue-gray and gray
43	45	Clay, compact, light gray-green
45	53	Clay, light gray-brown
53	55.5	Gravel, coarse to fine and sand, silty
Missourian shale:		
55.5	59	Shale, firm, gray-green and red-brown (8 tons/cu ft)

No. 2, 120 ft. right Sta. 43+80. Top hole Elev. 1513.56 (Side offset to clear flood water
shale elevation can be projected to left to centerline within 2 ft)

Alluvium

0	1	Clay, dark gray and brown
1	5	Clay, compact, brown
5	9.5	Silt, light brown
9.5	10	Sand, fine to medium
10	20	Clay, silty, yellow-gray
20	23	Sand, fine to medium
23	30	Clay, silty, dull greenish-gray
30	42	Clay, fairly compact, light brown
42	47	Clay, compact, dark blue-gray
47	50	Clay, silty, fairly soft, light brown
50	54	Clay, sandy, soft, light gray
54	55.5	Gravel, coarse to fine and sand, silty
Missourian shale:		
55.5	58	Shale, firm, gray-green and red-brown (8 tons/cu ft)