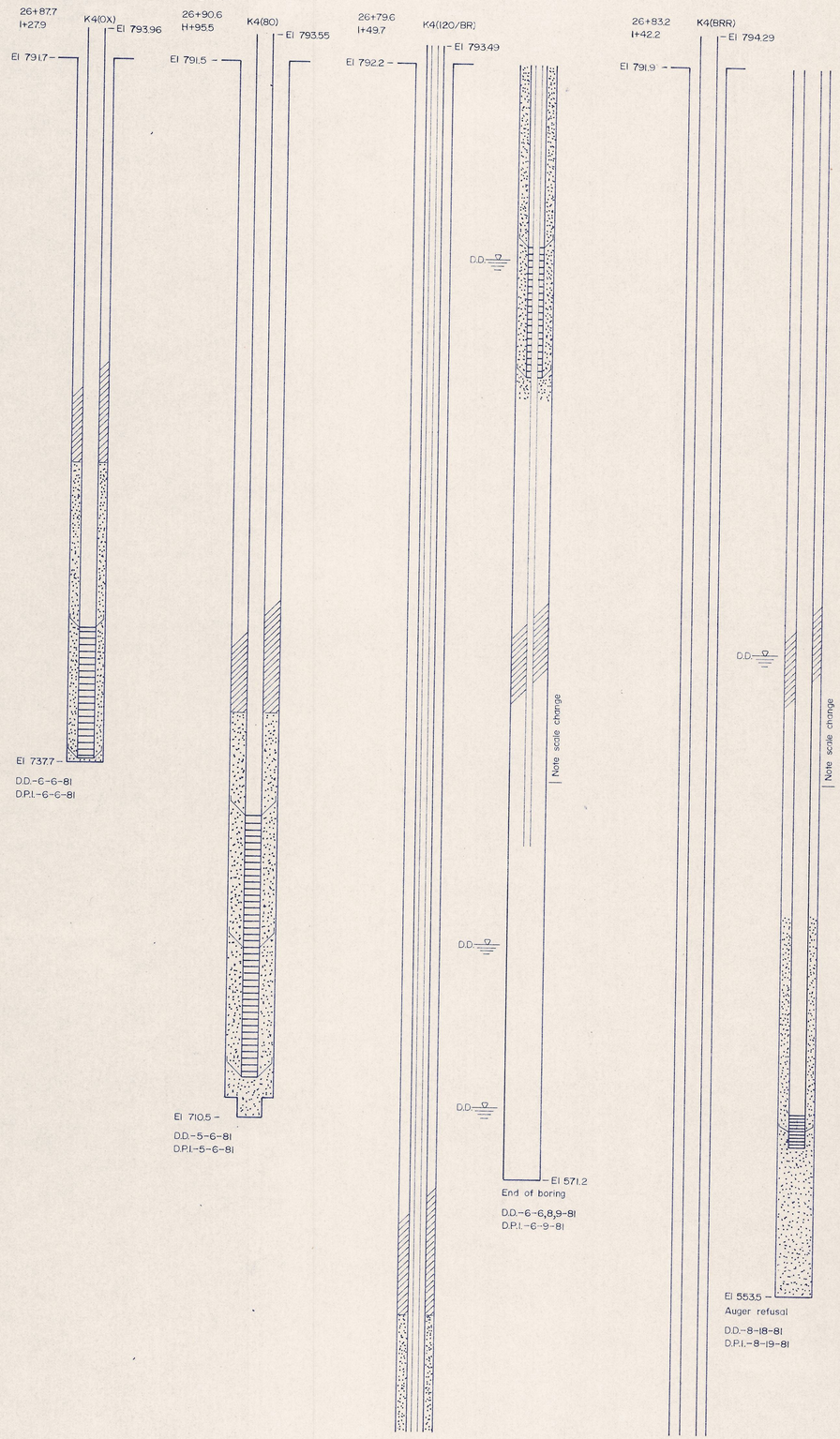
LOG OF BORING NO. K4

Depth, Ft	Description of Material	N, Blows per Ft	Unit Dry Wt, Pcf	Cohesion, TSF (0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8) / Water Content, % (10 20 30 40 50 60 70 80 90)
	SANDY SILTY CLAY: Brownish gray, slightly loamy, becoming brownish yellow to slight brownish red			
5	SANDY CLAY: Intermixed brownish yellow, gray & brownish red, trace medium sand & brownish yellow silt pockets	8		
	-gravelly @ 8.5' & 9.0'			
	-fine gravel in auger cuttings			
10	-brownish red w/brownish yellow streaks w/black silt pockets & medium sand, sandy silty clay seam below 9.7'	97		
	-coarse gravel in auger cuttings			
15	-intermixed gray & brownish yellow trace brownish yellow & white silt pockets	17		
	-becoming slightly mottled gray & dark gray w/medium sand			
20	-auger cuttings appear light brownish gray			
	-mottled gray, light gray & brownish yellow w/brownish yellow & light gray silt pockets, trace medium sand	107		2.43, 2.50
25	-w/black & light gray silt pockets trace gray silt partings	16		
	SANDY SILTY CLAY: Yellowish brown, trace gray w/brownish yellow, white & black silt pockets, w/ medium sand, trace coarse sand & fine gravel			
30	-trace coarse gravel in auger cuttings	117		2.50+, 2.25+, 3.42
35	-yellowish brown intermixed w/ gray w/brownish yellow & white silt pockets, trace coarse sand & fine gravel to 43.5'	21		
40		115		2.43, 2.28
45	SANDY SILTY CLAY: Dark gray trace brownish yellow seams w/white silt pockets & medium sand, trace lignite nodules, coarse sand & fine gravel	16		
50	-auger cuttings appear slightly more moist			
	-w/gray shaly platelets	116		
55	-trace medium sand	12		
60	-no auger cuttings return to surface			
	-w/gray & white silt pockets, w/medium sand, trace coarse sand & fine gravel, trace lignite nodules & shaly platelets	116		
65	-w/dark gray silt pockets & lignite nodules, trace coarse to medium sand & fine gravel	18		
70	-w/medium sand, trace coarse sand	117		
75	-very sandy, trace white silt pockets, trace coarse sand & fine gravel	18		
80	-w/gray & white silt pockets, w/ medium sand, trace coarse sand, fine gravel, lignite nodules & shaly platelets	118		
85	-w/gray silt pockets & partings, trace coarse to medium sand	28		
90	-w/gray, black & white silt pockets, trace fine gravel	25		
	SILTY CLAY: Dark gray w/very fine sand, trace medium sand & gray silt pockets			
95	-trace light gray fine sand partings	33		
100	SANDY SILTY CLAY: Dark gray w/gray, black & white silt pockets w/ medium sand, trace coarse sand & fine gravel seams	28		

Note scale change

Depth, Ft	Description of Material	N, Blows per Ft	Unit Dry Wt, Pcf	Cohesion, TSF (0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8) / Water Content, % (10 20 30 40 50 60 70 80 90)
110	-w/gray, black & white silt pockets, w/coarse to medium sand w/silty fine sand & fine sandy silt seams & partings, trace coarse to fine gravel	45		
	SILTY FINE SAND: Dark gray, trace medium sand interlayered w/ SANDY SILTY CLAY: Dark gray w/ coarse to medium sand trace fine gravel			
120		44		
125	-very soft drill from 125.0' to 130.0'			
130	-sandy silty clay has coarse to medium sand w/gray silt pockets -alternate interlayering about 8 in. thick	74		
135				
140	SANDY SILTY CLAY: Dark gray w/coarse to medium sand, gray silt pockets trace fine gravel	34		
145	-auger cuttings appear more moist & sandy			
150	-auger cuttings dark gray slurry paste			
155	-gravelly from 157.0' to 160.0'			
160				
170	-gravelly @ 167.0'			
180				
190	-auger cuttings dark gray slurry paste -gravelly @ 190.7' -gravelly from 196.5' to 198.5'			
200				
210	-very soft easy drill from 205.0' to 220.0' -auger cuttings dark gray slurry paste			
220	-soft easy drill from 220.0' to 228.5'			
230	-gravelly from 231.5' to 233.5' -gravelly from 235.9' to 238.4'			
240	Auger refusal, 238.4'			
250				

PIEZOMETER INSTALLATION DATA



Revision	Date

D.E. Klockow & Associates
Consulting Geotechnical Engineers
5921 Wagon Trail Road, Rt. 14, Columbia, Missouri 65202
314 443-6084

B.H.S., Inc. Industrial Waste Management Facility
Rt. I, Box 116-F, Wright City, Missouri 63390
BORING LOG & PIEZOMETER DATA AT K4

Job No. 81-008
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