

SCHLEEDE-HAMPTON ASSOCIATES, INC. • CONSULTING ENGINEERS
BRIDGE FOUNDATION BORING LOG

PROJECT HARLEM ROAD OVER BLACK WALNUT CREEK DATE 5/15/02
ROUTE HARLEM ROAD/DRECKSLER ROAD BORER BY SPE
SECTION STATION 106+76 TO 107+24 CHECKED BY WJW

Depth N/6"	Qu tsf	W %	Rotary Mud Drilling	Depth N/6"	Qu tsf	W %
GROUND SURFACE EL. 689.5						
Rotary Mud Drilling						
GROUND WATER SURFACE IN CREEK 677.2						
1	11	-	Dark Grey Sandy LOAM, A-2-4	7	4.3	22
2	10	7	Grey Silty CLAY, A-6	9	1.75	18
3	5	-		11	BS	
4	2	0.5		2	1.75	18
5	2	0.70		3	2.09	17
6	3	B		7	BS	
7	1	0.70		2	1.75	18
8	2	0.70		3	2.09	17
9	3	B		7	BS	
10	1	0.89		2	2.83	16
11	2	B		9	BS	
12	3	-		3	2.83	16
13	3	-		9	BS	
14	6	-		10		
15	4	-		11		
16	9	-		12		
17	7	-		13		
18	6	-		14		
19	8	-		15		
20	7	-		16		
21	8	-		17		
22	8	-		18		
23	8	-		19		
24	8	-		20		
25	8	-		21		
26	8	-		22		
27	8	-		23		
28	8	-		24		
29	8	-		25		
30	8	-		26		
31	8	-		27		
32	8	-		28		
33	8	-		29		
34	8	-		30		
35	8	-		31		
36	8	-		32		
37	8	-		33		
38	8	-		34		
39	8	-		35		
40	8	-		36		
41	8	-		37		
42	8	-		38		
43	8	-		39		
44	8	-		40		
45	8	-		41		
46	8	-		42		
47	8	-		43		
48	8	-		44		
49	8	-		45		
50	8	-		46		
51	8	-		47		
52	8	-		48		
53	8	-		49		
54	8	-		50		
55	8	-		51		
56	8	-		52		
57	8	-		53		
58	8	-		54		
59	8	-		55		
60	8	-		56		
61	8	-		57		
62	8	-		58		
63	8	-		59		
64	8	-		60		
65	8	-		61		
66	8	-		62		
67	8	-		63		
68	8	-		64		
69	8	-		65		
70	8	-		66		
71	8	-		67		
72	8	-		68		
73	8	-		69		
74	8	-		70		
75	8	-		71		
76	8	-		72		
77	8	-		73		
78	8	-		74		
79	8	-		75		
80	8	-		76		
81	8	-		77		
82	8	-		78		
83	8	-		79		
84	8	-		80		
85	8	-		81		
86	8	-		82		
87	8	-		83		
88	8	-		84		
89	8	-		85		
90	8	-		86		
91	8	-		87		
92	8	-		88		
93	8	-		89		
94	8	-		90		
95	8	-		91		
96	8	-		92		
97	8	-		93		
98	8	-		94		
99	8	-		95		
100	8	-		96		

N-Standard Penetration Test- Blows per foot to drive 2 inch
O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches
Qu- Unconfined Compressive Strength (tsf)
W- Water Content-percentage of oven dry weight (%)
Type failure: B- Bulge Failure
S- Shear Failure
E- Estimated Value
P- Penetrometer

SCHLEEDE-HAMPTON ASSOCIATES, INC. • CONSULTING ENGINEERS
BRIDGE FOUNDATION BORING LOG

BORING SB-1
PROJECT HARLEM AVENUE OVER BLACK WALNUT CREEK DATE 5/21/02
ROUTE HARLEM ROAD/DRECKSLER ROAD BORER BY SPE
SECTION STATION 108+76 TO 107+24 CHECKED BY WJW

Depth N/6"	Qu tsf	W %	Rotary Mud Drilling	Depth N/6"	Qu tsf	W %
GROUND SURFACE EL. 689.5						
Rotary Mud Drilling						
GROUND WATER SURFACE IN CREEK 677.2						
1	11	-	Dark Grey Sandy LOAM, A-2-4	7	4.3	22
2	10	7	Grey Silty CLAY, A-6	9	1.75	18
3	5	-		11	BS	
4	2	0.5		2	1.75	18
5	2	0.70		3	2.09	17
6	3	B		7	BS	
7	1	0.70		2	1.75	18
8	2	0.70		3	2.09	17
9	3	B		7	BS	
10	1	0.89		2	2.83	16
11	2	B		9	BS	
12	3	-		3	2.83	16
13	3	-		9	BS	
14	6	-		10		
15	4	-		11		
16	9	-		12		
17	7	-		13		
18	6	-		14		
19	8	-		15		
20	7	-		16		
21	8	-		17		
22	8	-		18		
23	8	-		19		
24	8	-		20		
25	8	-		21		
26	8	-		22		
27	8	-		23		
28	8	-		24		
29	8	-		25		
30	8	-		26		
31	8	-		27		
32	8	-		28		
33	8	-		29		
34	8	-		30		
35	8	-		31		
36	8	-		32		
37	8	-		33		
38	8	-		34		
39	8	-		35		
40	8	-		36		
41	8	-		37		
42	8	-		38		
43	8	-		39		
44	8	-		40		
45	8	-		41		
46	8	-		42		
47	8	-		43		
48	8	-		44		
49	8	-		45		
50	8	-		46		
51	8	-		47		
52	8	-		48		
53	8	-		49		
54	8	-		50		
55	8	-		51		
56	8	-		52		
57	8	-		53		
58	8	-		54		
59	8	-		55		
60	8	-		56		
61	8	-		57		
62	8	-		58		
63	8	-		59		
64	8	-		60		
65	8	-		61		
66	8	-		62		
67	8	-		63		
68	8	-		64		
69	8	-		65		
70	8	-		66		
71	8	-		67		
72	8	-		68		
73	8	-		69		
74	8	-		70		
75	8	-		71		
76	8	-		72		
77	8	-		73		
78	8	-		74		
79	8	-		75		
80	8	-		76		
81	8	-		77		
82	8	-		78		
83	8	-		79		
84	8	-		80		
85	8	-		81		
86	8	-		82		
87	8	-		83		
88	8	-		84		
89	8	-		85		
90	8	-		86		
91	8	-		87		
92	8	-		88		
93	8	-		89		
94	8	-		90		
95	8	-		91		
96	8	-		92		
97	8	-		93		
98	8	-		94		
99	8	-		95		
100	8	-		96		

N-Standard Penetration Test- Blows per foot to drive 2 inch
O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches
Qu- Unconfined Compressive Strength (tsf)
W- Water Content-percentage of oven dry weight (%)
Type failure: B- Bulge Failure
S- Shear Failure
E- Estimated Value
P- Penetrometer

SCHLEEDE-HAMPTON ASSOCIATES, INC. • CONSULTING ENGINEERS
BRIDGE FOUNDATION BORING LOG

BORING SB-2
PROJECT HARLEM AVENUE OVER BLACK WALNUT CREEK DATE 5/21/02
ROUTE HARLEM ROAD/DRECKSLER ROAD BORER BY SPE
SECTION STATION 108+76 TO 107+24 CHECKED BY WJW

Depth N/6"	Qu tsf	W %	Rotary Mud Drilling	Depth N/6"	Qu tsf	W %
GROUND SURFACE EL. 689.5						
Rotary Mud Drilling						
GROUND WATER SURFACE IN CREEK 677.2						
1	11	-	Dark Grey Sandy LOAM, A-2-4	7	4.3	22
2	10	7	Grey Silty CLAY, A-6	9	1.75	18
3	5	-		11	BS	
4	2	0.5		2	1.75	18
5	2	0.70				