

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAUDE H. HURLEY COMPANY BORING LOG

PROJECT NO. 3-869-D BORING NO. BB-218
PROJECT FAP 315 (IL 336) SECTION 24, 31, 32 - IDOT JOB NO. P-94-011-98
LOCATION BRIDGE 4+736.4 6.0mL MCDONOUGH COUNTY, ILLINOIS
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES
DATE OF DRILLING: STARTED 6-15-00 COMPLETED 6-15-00 SURFACE ELEVATION 204.73
DRILLED BY R. HOWARD LOGGED BY D. ANDERSON

Elev.	CLASSIFICATION	Depth	GROUNDWATER DATA				DATE	DEPTH	HOUR	RIG TYPE	DRILLING METHOD
			N	Q _v	W	T _d					
			Sp.0.15m	KPa	%	Kg/cm ²					
204.55	BLK TO DK BR SILTY CLAY LOAM, A-6 W/ FIBERS	AD	75	29	-	-	DD	6-15	17.7	-	AUGER TYPE-DEPTH 0.18m NSA-22.9m
204.43	GR SILTY CLAY, A-7-6 W/ FIBERS	1	85	24	-	-	AAR	6-15	12.2	Oh	CASING TYPE-DEPTH -
204.18	RD BR SILTY CLAY, A-7-6	6	335	22	-	-					SAMPLER TYPE AU-SS
203.82	GR & RD BR SILTY CLAY, A-7-6	1	2	4	200	22	-				
203.05	RD BR, GR & DK GR CLAY LOAM, A-6	2	2	4	220	26	-				
202.29	RD BR & GR CLAY LOAM, A-6	4	5	6	250	19	-				
201.53	BR & RD BR CLAY LOAM, A-6	2	7	5	165	19	-				
200.37	RD BR SILTY CLAY LOAM, A-6	4	2	4	105	19	-				
200.01	BR GR & RD BR CLAY LOAM, A-6	6	6	11	280	14	-				
199.24	BR GR CLAY LOAM, A-6	4	7	12	365	14	-				
		6	4	7	365	14	-				
		13	5	11	420	15	-				
		7					-				

CLAUDE H. HURLEY COMPANY BORING LOG

PROJECT NO. 3-869-D BORING NO. BB-218 (CONT)

PROJECT FAP 315 (IL 336) SECTION 24, 31, 32 - IDOT JOB NO. P-94-011-98
LOCATION BRIDGE 4+736.4 6.0mL MCDONOUGH COUNTY, ILLINOIS
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES
DATE OF DRILLING: STARTED 6-15-00 COMPLETED 6-15-00 SURFACE ELEVATION 204.73
DRILLED BY R. HOWARD LOGGED BY D. ANDERSON

Elev.	CLASSIFICATION	Depth	GROUNDWATER DATA				DATE	DEPTH	HOUR	RIG TYPE	DRILLING METHOD
			N	Q _v	W	T _d					
			Sp.0.15m	KPa	%	Kg/cm ²					
190.86	GR SILTY CLAY LOAM, A-6	14	5	7	385	17	-				
190.10	BL GR SILTY CLAY LOAM, A-6	15	5	8	385	18	-				
189.34	BR GR SILTY CLAY LOAM, A-6	16	5	7	285	14	-				
187.81	GR SILTY CLAY LOAM, A-6	17	4	8	285	15	-				
187.05	GR SILTY CLAY LOAM, A-6	18	5	9	200	19	-				
186.29	BL GR SILTY CLAY LOAM, A-6	19	2	6	220	21	-				
184.77		20	5	7	305	23	-				

CLAUDE H. HURLEY COMPANY BORING LOG

PROJECT NO. 3-869-D BORING NO. BB-219

PROJECT FAP 315 (IL 336) SECTION 24, 31, 32 - IDOT JOB NO. P-94-011-98
LOCATION BRIDGE 4+780.1 14.7mL MCDONOUGH COUNTY, ILLINOIS
DRILLING CONTRACTOR D & G DRILLING, INC.
DATE OF DRILLING: STARTED 2-24-00 COMPLETED 2-24-00 SURFACE ELEVATION 206.12
DRILLED BY B. THOMASSON LOGGED BY C. WHITEMAN

Elev.	CLASSIFICATION	Depth	GROUNDWATER DATA				DATE	DEPTH	HOUR	RIG TYPE	DRILLING METHOD
			N	Q _v	W	T _d					
			Sp.0.15m	KPa	%	Kg/cm ²					
205.82	BLK TO DK BR SILTY CLAY LOAM, A-6 W/ FIBERS	AD	-	-	27	-	DD	2-24	20.6	-	AUGER TYPE-DEPTH 0.10m FA-3.0m
205.21	DK BR, GR & GR TO DK BR GR SILTY CLAY A-7-6 W/ FIBERS	1	1	2	155	30	-	AAR	2-24	2.9	Oh
204.44	GR TO RD BR SILTY CLAY LOAM, A-6	2	4	6	170	21	-				
203.68	GR & RD BR SILTY CLAY, A-7-6	2	2	2	170	25	-				
202.92	RD BR, GR & DK GR CLAY LOAM, A-7-6	2	2	2	180	25	-				
202.16	RD BR & GR CLAY LOAM, A-6 W/ SAND, A-2-4 SILTY	1	1	1	115	19	-				
200.63	RD BR SILTY CLAY LOAM, A-6	4	4	12	400	15	-				
199.11		7	4	6	315	15	-				

CLAUDE H. HURLEY COMPANY BORING LOG

PROJECT NO. 3-869-D BORING NO. BB-219 (CONT)

PROJECT FAP 315 (IL 336) SECTION 24, 31, 32 - IDOT JOB NO. P-94-011-98
LOCATION BRIDGE 4+780.1 14.7mL MCDONOUGH COUNTY, ILLINOIS
DRILLING CONTRACTOR D & G DRILLING, INC.
DATE OF DRILLING: STARTED 2-24-00 COMPLETED 2-24-00 SURFACE ELEVATION 206.12
DRILLED BY B. THOMASSON LOGGED BY C. WHITEMAN

Elev.	CLASSIFICATION	Depth	GROUNDWATER DATA				DATE	DEPTH	HOUR	RIG TYPE	DRILLING METHOD
			N	Q _v	W	T _d					
			Sp.0.15m	KPa	%	Kg/cm ²					
192.25	BR GR CLAY LOAM, A-6	14	4	6	230	17	-				
191.49	GR BR & GR CLAY LOAM, A-6	15	11	18	555	15	0				
190.73	GR SILTY CLAY LOAM, A-6	7	7	11	375	17	-				
189.97	BL GR SILTY CLAY LOAM, A-6	4	4	7	325	21	-				
189.20	BR GR SILTY CLAY LOAM, A-6	4	4	8	325	14	-				
188.44	BL GR SILTY CLAY LOAM, A-6	2	3	5	190	22	-				
187.22	BL GR SANDY LOAM, A-2-4 HEAVILY CEMENTED SANDSTONE	7	7	16	-	16	-				

METRIC TO ENGLISH STATION EQUIVALENTS

Boring	Metric Station	Metric Offset	English Station	English Offset
BB-218	Sta. 4+736.4	6.0 m Lt.	Sta. 155+39	20' Rt.
BB-219	Sta. 4+780.1	14.7 m Lt.	Sta. 156+83	48' Lt.

METRIC TO ENGLISH CONVERSIONS

Depth: 1 meter = 3.281 ft.
Unconfined compressive strength, Q_v: 100 KPa = 1.04 tons/sq. ft.

DESIGNED	P.J.L
CHECKED	LLV
DRAWN	MGM
CHECKED	P.J.L

BORING LOGS
IL. ROUTE 336 OVER
BURLINGTON NORTHERN
SANTA FE RAILROAD
F.A.P. ROUTE 315 SECT. 55-2
MCDONOUGH COUNTY
STATION 154+56.74
STRUCTURE NO. 055-0052 (EB)
STRUCTURE NO. 055-0053 (WB)

