

BORING LOG #1

LOG OF BORING NO. B-1 (Far South) Page 1 of 1

CLIENT		PROJECT						
Dondlinger and Sons Construction Co		Proposed Road Crossing						
SITE		TESTS						
37th Street North and Arkansas Wichita, Kansas GPS: N 37.75767 / W 97.34298		SAMPLER						
DEPTH, ft.	LOG SYMBOL NUMBER	LOG SYMBOL TYPE	RECOVERY, ft.	SPT-N BLOWS / FT.	WATER CONTENT, %	SHRINKAGE, %	UNSATURATED SWELLING, %	UNSATURATED STRENGTH, psf
0.3	PA	Grass and organic topsoil approximately 3" thick						
3	CL 1	FINE SANDY CLAY with fine gravel Brown, medium dense	18	6	16		1500*	
5	SP 2	FINE TO MEDIUM SAND, trace fine gravel Light brown, loose to medium dense with fine gravel and clay below 3"	15	9	6			
10	SP 3	SS	7	14	5			
15	SP 4	SS	6	14	10			
20	SP 5	SS	6	6	10			
25	SP 6	SS	6	11	10			
30	SP 7	SS	8	15	17			
35	SP 8	SS	13	19	11			
40	9	SS	13	45	25		9000*	

*Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.
 The stratification lines represent the approximate boundary lines between soil and rock types. In situ, the transition may be gradual.
 *Calibrated Hand Penetrometer
 WATER LEVEL OBSERVATIONS, ft.
 WL 12.5 WD 12.6 AB
 BORING STARTED 5-15-08
 BORING COMPLETED 5-15-08
 RIG 97E DRILLER JD
 APPROVED JHM/JH JOB # 01085083
Terracon

BORING LOG #2

LOG OF BORING NO. B-2 (Near South) Page 1 of 1

CLIENT		PROJECT						
Dondlinger and Sons Construction Co		Proposed Road Crossing						
SITE		TESTS						
37th Street North and Arkansas Wichita, Kansas GPS: N 37.75810 / W 97.34272		SAMPLER						
DEPTH, ft.	LOG SYMBOL NUMBER	LOG SYMBOL TYPE	RECOVERY, ft.	SPT-N BLOWS / FT.	WATER CONTENT, %	SHRINKAGE, %	UNSATURATED SWELLING, %	UNSATURATED STRENGTH, psf
0.3	PA	Grass and organic topsoil approximately 3" thick						
3	SP 1	FINE SANDY CLAY Dark brown to dark gray-brown, very soft	10	WCH	23		1000*	
5	SP 2	FINE TO MEDIUM SAND, with clay, trace fine gravel Brown to gray-brown, loose to medium dense	12	14	12			
10	SP 3	SS	7	5	20			
15	SP 4	SS	11	11	17			
20	SP 5	SS	5	7	13			
25	SP 6	SS	8	10	11			
30	SP 7	SS	8	21	15			
35	SP 8	SS	16	45	21		5000*	
40	9	SS	9	50/3	29			

*Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.
 The stratification lines represent the approximate boundary lines between soil and rock types. In situ, the transition may be gradual.
 *Calibrated Hand Penetrometer
 WATER LEVEL OBSERVATIONS, ft.
 WL 8.5 WS 8.5 AB
 BORING STARTED 5-15-08
 BORING COMPLETED 5-15-08
 RIG 97E DRILLER JD
 APPROVED JHM/JH JOB # 01085083
Terracon

BORING LOG #3

LOG OF BORING NO. B-3 (Near North) Page 1 of 1

CLIENT		PROJECT						
Dondlinger and Sons Construction Co		Proposed Road Crossing						
SITE		TESTS						
37th Street North and Arkansas Wichita, Kansas GPS: N 37.75858 / W 97.34288		SAMPLER						
DEPTH, ft.	LOG SYMBOL NUMBER	LOG SYMBOL TYPE	RECOVERY, ft.	SPT-N BLOWS / FT.	WATER CONTENT, %	SHRINKAGE, %	UNSATURATED SWELLING, %	UNSATURATED STRENGTH, psf
0.3	PA	Grass and organic topsoil approximately 3" thick						
3	SP 1	FINE SAND, trace clay Brown, loose to medium dense Trace fine gravel below 3"	16	5	14			
5	SP 2	SS	18	15	10			
10	SP 3	SS	14	12	17			
15	SP 4	SS	7	10	14			
20	SP 5	SS	6	7	8			
25	SP 6	SS	4	9	15			
30	SP 7	SS	8	10	15			
35	8	SS	18	15	40		2000*	
40	9	SS	18	23	30		5000*	

*Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.
 The stratification lines represent the approximate boundary lines between soil and rock types. In situ, the transition may be gradual.
 *Calibrated Hand Penetrometer
 WATER LEVEL OBSERVATIONS, ft.
 WL 8.5 WS 9.6 AB
 BORING STARTED 5-15-08
 BORING COMPLETED 5-15-08
 RIG 97E DRILLER JD
 APPROVED JHM/JH JOB # 01085083
Terracon

BORING LOG #4

LOG OF BORING NO. B-4 (Far North) Page 1 of 1

CLIENT		PROJECT						
Dondlinger and Sons Construction Co		Proposed Road Crossing						
SITE		TESTS						
37th Street North and Arkansas Wichita, Kansas GPS: N 37.76858 / W 97.34294		SAMPLER						
DEPTH, ft.	LOG SYMBOL NUMBER	LOG SYMBOL TYPE	RECOVERY, ft.	SPT-N BLOWS / FT.	WATER CONTENT, %	SHRINKAGE, %	UNSATURATED SWELLING, %	UNSATURATED STRENGTH, psf
0.3	PA	Grass and organic topsoil approximately 3" thick						
3	CL 1	FINE SANDY CLAY Brown, very soft Becoming stiff below 3"	16	2	19		2000*	
5	CL 2	SS	18	14	17		2000*	
10	SW 3	SS	5	7	8			
15	SP 4	SS	9	11	13			
20	SP 5	SS	7	10	12			
25	SP 6	SS	6	8	11			
30	SP 7	SS	8	12	12			
35	SP 8	SS	6	12	11			
40	9	SS	18	38	30		5000*	

*Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.
 The stratification lines represent the approximate boundary lines between soil and rock types. In situ, the transition may be gradual.
 *Calibrated Hand Penetrometer
 WATER LEVEL OBSERVATIONS, ft.
 WL 12 WD 12 AB
 BORING STARTED 5-15-08
 BORING COMPLETED 5-15-08
 RIG 97E DRILLER JD
 APPROVED JHM/JH JOB # 01085083
Terracon

**LINE 1, MAIN 16, SS #23
BORING LOG SHEETS
WICHITA, KANSAS**



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 MLP
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 May 21, 2008

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