

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 26 27 SHEETS
FAP 326	119BR	GRUNDY	68	46	
FED. RDW. DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract #66687

Page 1 of 2

SOIL BORING LOG

Date 11/19/03

ROUTE FAP Route 326 (Illinois - 47) DESCRIPTION Over Johnny Run LOGGED BY Larry Meyers

SECTION Section (119) BR LOCATION SEC. 22, TWP. 32, RNG. 7, 3rd PM

COUNTY Grundy County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>032-0031</u>	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. <u>576.04</u> ft	D E P T H	B L O W S	U C S	M O D E
Station <u>581+76.05</u>	H S	Qu.			Stream Bed Elev. _____ ft	H S	Qu.		
BORING NO. <u>1 So. Abutment</u>					Groundwater Elev. _____ ft				
Station <u>581+76.05</u>					First Encounter _____ ft				
Offset <u>5.00 ft</u>					Upon Completion _____ ft				
Ground Surface Elev. <u>586.82</u> ft	(ft)	(#)	(tsf)	(%)	After _____ Hrs.	(ft)	(#)	(tsf)	(%)
scord bituminous pavement, concrete-average brown sandy loam					hard gray sandy clay loam (ll)	10	>4.5	11.3	
584.62					missed sample interval at 22' (continued)	10	P		
stiff brown sandy clay loam / sandy loam fill	3				very stiff gray sandy clay loam (ll)	563.62			
3	2.0	15.3							
2						4			
2	1.0	23.5				5	2.7	8.9	
3						10	S		
580.12					hard gray loam (ll)	560.12			
stiff black clay loam (ll)	2					25			
2	1.3	21.9				40	5.8	8.9	
3						72	S		
577.62									
very stiff gray and brown sandy clay loam (ll)	3					57			
3	2.1	23.4				80	6.1	9.0	
5						100/4	S		
575.12									
very stiff brown clay loam (ll)	2					60			
2	2.9	13.7				95	>4.5	6.0	
4						100/3	P		
572.62									
hard gray loam (ll) with large white rock (ls) pieces at 17'	8					40			
12	4.7	7.0				75	4.1	6.5	
12						100/3	S		
18									
22						44			
33						98	7.7	9.5	
567.62						90	S		
hard gray sandy clay loam (ll) missed sample interval at 22'	14					43	37		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

Page 2 of 2

SOIL BORING LOG

Date 11/19/03

ROUTE FAP Route 326 (Illinois - 47) DESCRIPTION Over Johnny Run LOGGED BY Larry Meyers

SECTION Section (119) BR LOCATION SEC. 22, TWP. 32, RNG. 7, 3rd PM

COUNTY Grundy County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>032-0031</u>	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. <u>576.04</u> ft	D E P T H	B L O W S	U C S	M O D E
Station <u>581+76.05</u>	H S	Qu.			Stream Bed Elev. _____ ft	H S	Qu.		
BORING NO. <u>1 So. Abutment</u>					Groundwater Elev. _____ ft				
Station <u>581+76.05</u>					First Encounter _____ ft				
Offset <u>5.00 ft</u>					Upon Completion _____ ft				
Ground Surface Elev. <u>586.82</u> ft	(ft)	(#)	(tsf)	(%)	After _____ Hrs.	(ft)	(#)	(tsf)	(%)
hard gray loam (ll) (continued)						55	11.2	8.2	
						65	S		
						26			
						32	11.9	9.5	
						21	S		
540.62									
gray shale weathered and reworked at rock surface									
						24			
						42		12.0	
535.62						83			
End of Boring									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

DESIGNED -
CHECKED -
DRAWN -
CHECKED -

SOIL BORING LOGS
IL 47 OVER JOHNNY RUN
FAP ROUTE 326 - SECTION 119BR
GRUNDY COUNTY
STATION 582+65.75
STRUCTURE NO. 032-0112


QATES ASSOCIATES
 Consulting Engineers
 Eastport Business Center 1
 100 Lanter Court, Suite 1
 Collinsville, Illinois 62234
 618-345-2200
 Design Firm License No. 184.001115