STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
Applied GeoScience

Page 1 of 1

Date 8/4/09

ROUTE FAP 365 - IL56 DESCRIPTION Butterfield Rd (Winfield Rd to Naperville Rd) LOGGED BY MG

SECTION (57 & 58) WRS- 2 LOCATION Butterfield Road, SEC. 30, TWP. 39N, RNG. 10E

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Auto

STRUCT. NO.
Station

BORING NO. NW-08
Station 302+00
Offset 90.00ft LT
Ground Surface Elev. 749.94 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 734.9 ft ▼
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Topsoil, dark brown & gray	748.44		4		
Clay, some silt & sand, dark brown, very stiff (6" sand & gravel at 7')			2 3	2.0	18.9
			3		
		-5	6 7	2.0	15.2
			2		
			5 7	2.1	16.9
	740.94		3		
Clay, some silt, trace gravel, gray, stiff to very stiff (silty sand & gravel layer from 17' to 17.5')		-10	3 5	1.7	11.9
			2		
			2 4	2.5	21.6
			2		
		-15	2 4	1.6	24.1
			3		
			4 8	1.0	15.5
	731.44				
No sample recovery; Medium dense soil			6		
	729.94	-20	9 9		
Clay, some silt, gray, stiff to very stiff, wet sand layer at 24'			3		
			5 8	1.9	16.8
			4		
	724.94	-25	7 11	2.7	17.4
End of Boring					
		-30			
		-35			
		-40			

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 T206)

BBS, from 137 (Rev. 8-99)

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Date 8/4/09

ROUTE FAP 365 - IL56 DESCRIPTION Butterfield Rd (Winfield Rd to Naperville Rd) LOGGED BY MG

SECTION (57 & 58) WRS- 2 LOCATION Butterfield Road, SEC. 30, TWP. 39N, RNG. 10E

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Auto

STRUCT. NO.
Station

BORING NO. NW-09
Station 303+00
Offset 90.00ft LT
Ground Surface Elev. 749.54 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 737.5 ft ▼
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Topsoil, dark brown	748.04		4		
Clay, some silt, trace topsoil, brown & gray, trace black, very stiff			3 3	1.4	25.8
	746.54				
Clay, some silt, brown & gray, stiff to very stiff			1		
			2 2	3.9	27.5
		-5			
			1		
			1 3	1.0	25.1
	740.54		2		
Clay, some silt & sand, gray, very stiff		-10	4 5	1.7	19.9
	738.54				
Clay, trace silt & stone, gray, very stiff			2		
			4 5	3.0	14.7
	736.54				
Clay, some silt, gray, very stiff to stiff			2		
		-15	3 4	1.1	12.8
			2		
			4 4	2.2	19.2
			5		
		-20	5 7	2.2	15.5
Clay, some silt, gray, very stiff to stiff *(continued)*	728.54		4		
Clay, some silt & gravel, gray, very stiff			5 8	2.0	16.5
			2		
	725.04		8 5	2.3	
Clay with sand & gravel, gray, very stiff	724.54	-25			
End of Boring					
		-30			
		-35			
		-40			

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 T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
Applied GeoScience, Inc.

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Date 4/13/10

ROUTE IL Route 56 DESCRIPTION Butterfield Rd (Winfield Rd to Naperville Rd) LOGGED BY MG

SECTION (57+58) WRS-2 LOCATION Butterfield Road, SEC. 30, TWP. 39N, RNG. 10E

COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE Auto

STRUCT. NO.
Station

BORING NO. NW-11
Station 304+87.60
Offset 64.34ft LT
Ground Surface Elev. 749.86 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 733.9 ft ▼
Upon Completion 740.9 ft ▽
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Silt & clay, some topsoil	748.86		5		
Silty clay & topsoil, some stone & sand, dark gray, very stiff			7 9	3.0	23.8
	745.86		2		
Silty clay, some gravel & sand, brown, stiff to very stiff			3 4	1.1	12.4
		-5			
			2		
			3 4	2.0	17.5
	741.86				
Sandy loam, with gravel, brown, wet, medium dense			3		
			5 8		24.3
		-10			
	738.86		4		
Fine to medium sand, some stone, trace clay, moist, medium dense			9 12		20.5
	736.86				
Silty clay, trace stone, gray, hard to very stiff			4		
		-15	5 8	4.3	16.9
			3		
			4 7	2.5	14.9
			5		
		-20	7 9	3.1	18.5
Silty clay, trace stone, gray, hard to very stiff *(continued)*	728.86		9		
Sandy loam, some gravel, brown, moist to wet, medium dense			12 17		16.7
			10		
			17 22		21.5
		-25			
	720.86		11		
Sand & gravel, gray, wet, dense	719.86	-30	15 19		19.8
End of Boring					
		-35			
		-40			

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 T206)

BBS, from 137 (Rev. 8-99)

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DESIGNED	RJT
CHECKED	MRB
DRAWN	MB
CHECKED	MRB

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 3733

SOIL BORING LOGS 3 OF 10
NOISE ABATEMENT WALL

SHEET NO. N23	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	365	(57 & 58)WRS-2	DUPAGE	681	422
N30 SHEETS			CONTRACT NO. 62419		
		ILLINOIS	FED. AID PROJECT		