

SOIL BORING LOG

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Date 9/22/09 FAU 64 (IL 29) DESCRIPTION LOGGED BY MAG ROUTE IL 29 Over Boyd's Hollow SECTION (10B) BR LOCATION Medina Road District, SEC. 34, TWP. 10N, RNG. 8E, 4th PM, Latitude N40° 48 31.3, Longitude W89° 34 14.8 HAMMER TYPE COUNTY DRILLING METHOD Peoria 072-0072 existing
 STRUCT. NO.
 072-0226 proposed

 Station
 99+96
 В D Surface Water Elev. Dry ft L 0 0 464.50 ft Station Stream Bed Elev. 0 S 0 W W s BORING NO. B-4 W side of S Abut Groundwater Elev.: S Qu Т S Qu Т Station 100+27 First Encounter 462.0 **ft** ▼ 34.00ft RT Offset **Upon Completion** N/A ft Ground Surface Elev. <u>475.50</u> ft | (ft) | (/6") | (tsf) | (%) (ft) (/6") (tsf) (%) N/A ft After ___ Hrs. Medium Stiff to Very Soft Asphalt Pavement 474.83 474.50 8 inches thick Brown and Gray, Wet LOAM, trace gravel (continued) 474.00 1 Foot Very Loose, Brown, Fine to Coarse, SAND, trace gravel at SAŃD (fill) 0.5 28 WH 0.5 22A Brown 2 | WH | B | 18 B SAND (fill), trace gravel 21.0' Medium Stiff Light Brown SILTY LOAM, trace gravel WH 2 0.4 WH 0.2 19 15 ___ WH | B 2 S 2-inch Medium to Coarse, SAND Very Loose Brown and Gray, Wet WH lens at 6' 0.4 22 26 SANDY CLAY LOAM Trace organics 467.00 WH Dark Brown, Moist 13 1.0 22 WH Loose CLAY, and silt, trace sand, gravel 2-inch Fine to Medium SAND lens Brown, Fine to Coarse, Wet 3 В Drill Method switched to Mud Rotary at 30.0' 464.00 0.3 22 Soft to Very Soft Brown, Moist В SILTY LOAM, trace gravel 2-inch Brown, Coarse, SAND lens __442.00 Medium Stiff WH <0.25 24 Gray, Moist SILTY CLAY LOAM 2-inch Brown, Coarse, SAND lens 0.8 28 В trace coal at 14.5' Medium Stiff to Very Soft Brown and Gray, Wet 0.8 22 LOAM, trace gravel 2 В Very Stiff Brown and Gray, Moist 0.3 25 2.0 22 LOAM 2 2

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, form 137 (Rev. 8-99)



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Page $\underline{2}$ of $\underline{2}$

Date 9/22/09

GSG Consultants, Inc.						Date			9/22/09			
ROUTE	FAU 64 (IL 29)	DESCRIPTION				IL 29 Over Boyd's Hollow			LOGGED BY			MAG
SECTION	(10B) BR	LOCATION			ION _	Medina Road District, SEC. 34, TWP. 10N, RNG. 8E, 4 th PM						
COUNTY	Peoria DRI	a DRILLING METHOD _				Latitude N40° 48 31.3, Longitude W89° 34 14.8 HSA HAMMER TYPE AUTO						
STRUCT. NO. Station	072-0072 existing 072-0226 proposed 99+96	<u> </u> _	D E P	B L O	U C S	M O I	Surface Water Elev. Dry Stream Bed Elev. 464.50		D E P	B L O	U C S	M O I
Station Offset	B-4 W side of S Abu 100+27 34.00ft RT	_	H	W S	Qu	S T	Groundwater Elev.: First Encounter 462.0 Upon Completion N/A	_ ft	T H	W S	Qu	S
	ace Elev. <u>475.50</u>	ft	(ft)	(/6")	(tsf)	(%)	After Hrs. N/A	_ ft	(ft)	(/6'')	(tsf)	(%
Very Stiff Brown and Gr LOAM <i>(contine</i>						Gray, Coarse, Wet SAND, and gravel (continue	SAND, and gravel (continued)	<u>414.00</u>				
			_				Hard Blue and Gray, Dry SILTY LOAM			100/4"	5.3 P	16
			_	3	0.6	41						
2-inch Gray SAND lens at 44.5' 43 Medium Stiff to Soft Gray, Moist SILT, trace gravel, organics, wood, coal		<u>430.50</u>	<u>-45</u>	2	В				- <u>65</u>			
										100/2"		
			_						_			21
			_	6 5 8	0.4 B	26			_			
			50 	0	В				70 			
			_				End of Boring	404.00		100/2"		18
Very Dense		<u>422.00</u>		21					-			
Gray, Coarse, \ SAND, and gra			1 <u>55</u>	00/5.5	"	5						
			_						_			
				31 21 33		12						
			_									

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, form 137 (Rev. 8-99)

THE UPCHURCH GROUP, INC.	F				
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\0720226-68481-023-SoilBor.dgn					
FILE NAME =	ι				

	USER NAME = _USER_	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
NC.	PLOT DATE = 12/17/2012 10:04:42 AM	CHECKED -	REVISED -

	_				
SOIL BORING LOGS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
STRUCTURE NO. 072-0226	64	(10B) BR	PEORIA	77	51
5111001011L 140. 072-0220			CONTRAC	T NO.	68481
SHEET NO 23 OF 27 SHEETS		TILINOIS EED A	ID DROJECT		