

WB-102

WB-102

SOIL BORING LOG									
PAGE 1 of 2					PAGE 2 of 2				
DATE 8/5/2009					DATE 8/5/2009				
LOGGED BY MR					LOGGED BY MR				
GSI JOB No. 08201					GSI JOB No. 08201				
ROUTE I-70 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					ROUTE I-70 DESCRIPTION I-70 Tri-Level Connection IDOT Job No. D-98-059-08				
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3 Retaining Wall					SECTION 82-2-1HVB-1 LOCATION I-70 Curved Approach Structure-Retaining Wall				
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automatic					COUNTY St. Clair DRILLING METHOD _____ HAMMER TYPE _____				
STRUCT. NO. 082-W309					STRUCT. NO. 082-W309				
Station: ---					Station: ---				
BORING NO. WB-102					BORING NO. WB-102				
Station: 53+50					Station: 53+50				
Offset: 30.5' Left					Offset: 30.5' Left				
Ground Surface Elev. 419.6					Ground Surface Elev. 419.5				
DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST	Surface Water Elev.
H	S	Qu	T	n/a	H	S	Qu	T	n/a
(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)	
AS NP 7 SANDY LOAM-medium dense (A-2) 399.0					AS NP 19 SAND-gray-medium dense to dense (A-3)				
TOPSOIL-black					TOPSOIL-black				
418.0					418.0				
SILTY CLAY LOAM-dark brown-loose (Fill)					SILTY CLAY LOAM-dark brown-loose (Fill)				
416.5					416.5				
SILTY CLAY-brown-stiff (A-7) Wet					SILTY CLAY-brown-stiff (A-7) Wet				
82					82				
SAND-brown-medium dense to dense (A-3)					SAND-brown-medium dense to dense (A-3)				
411.5					411.5				
SILTY LOAM-brown-loose (A-4)					SILTY LOAM-brown-loose (A-4)				
409.0					409.0				
SANDY LOAM-brown-loose (A-2)					SANDY LOAM-brown-loose (A-2)				
406.5					406.5				
SAND-brown-medium dense (A-3)					SAND-brown-medium dense (A-3)				
Trace organics from -33.5' to -35.0'.					Trace organics from -33.5' to -35.0'.				
401.5					401.5				
SANDY LOAM-brown-medium dense (A-2)					SANDY LOAM-brown-medium dense (A-2)				

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H	S	Qu	T	n/a	H	S	Qu	T	n/a
(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)	
AS NP 19 SAND-gray-medium dense to dense (A-3)					AS NP 19 SAND-gray-medium dense to dense (A-3)				
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Trace organics from -33.5' to -35.0'.					Trace organics from -33.5' to -35.0'.				
401.5					401.5				
SANDY LOAM-brown-medium dense (A-2)					SANDY LOAM-brown-medium dense (A-2)				
End Of Boring @ -80.0'					End Of Boring @ -80.0'				
Hollow Stem Augers To -10.0'					Hollow Stem Augers To -10.0'				
Rotary Drilling To Completion					Rotary Drilling To Completion				
Diedrich Automatic Hammer 399.5					Diedrich Automatic Hammer 399.5				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

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 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
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S:\PPR\CON-98-082-MS.DGN, 10/08/27 NEWMANHD \\FS-0044\HW\PLT.D - TRANS.07\2202\28866-081\STRUCT\CAD\01 DESIGN\082W309\SHEET\082W309.DWG CONN-10-020-SHT-MS.DGN

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION RETAINING WALL	SOIL BORING LOGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	DRAWN - TCG	REVISED -		20 OF 20				998	82-2-1HVB-1	ST. CLAIR	345	280
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = #DATE#	CHECKED -	REVISED -		SCALE: SHEET NO. RA-25 OF RA-25 STA. 170+00.00 TO STA. 176+50.00				SN 082-W308 CONTRACT NO. 76D05				
		DATE - 05/13/11	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								