



### SOIL BORING LOG

Page 1 of 2  
Date 8/21/10

ROUTE I-270 DESCRIPTION I-270 CORC Retaining Wall LOGGED BY IK

SECTION 60-1B-1 LOCATION SEC.29,TWP.4N,RNG.9W,PM

COUNTY Madison DRILLING METHOD HSA/Mud Rotary HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	ft	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev. First Encounter Upon Completion After N/A Hrs.	ft	H S	Q u T	ft	(ft)	(in)	(%)	(%)	
																				ft
TOPSOIL																				
Brown SILTY SAND	429.15	4																		
Gray Fat CLAY	428.65	3																		
Brown SILTY SAND	424.65	6																		
Sand = 68.5%, Silt/CL=31.5%, Gravel=0.0%		12																		
Brown SILTY SAND	416.65	6																		
Brown Fine SAND, with Silt	414.15	6																		

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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																				ft
Gray Fine SAND, with Silt, Trace Gravel (continued)																				
Gray Fine SAND, with Silt, Trace Gravel																				
Gray Fine SAND, with Silt	386.65	8																		
Gray-brown Fine SAND, Trace Silt and Gravel	384.15	10																		
Gray Fine SAND, Trace Silt and Gravel	378.65	11																		

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																				ft
FILL: Brown SANDY SILT	427.19	5																		
FILL: Gray Lean CLAY, with Sand	424.69	4																		
Brown Fine SAND, with Silt	421.69	5																		
Gray-brown Fine SAND, with Silt	412.19	4																		
Brown Fine SAND, with Silt Sand=91.6%, Silt/CL=8.4%, Gravel=0.0%	410.19	3																		

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																				ft
Gray Fine SAND, Trace Silt (continued)																				
Gray Fine SAND, Trace Silt and Gravel																				
Gray Fine SAND, Trace Gravel	384.69	4																		
Gray Fine SAND, Trace Silt and Gravel	382.19	11																		
Gray Fine SAND, Trace Silt	379.69	10																		
Gray Fine to Coarse SAND, Trace Silt and Gravel	374.69	13																		

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FILE NAME = 060W008-76A91-008-Soil.Borings.dgn	USER NAME = jehrhart	DESIGNED - JCE	REVISED -
PLOT SCALE = 1/8"=1'-0"	DRAWN - AMV	CHECKED - PMH	REVISED -
PLOT DATE = 3/18/11	CHECKED - JCE	DRAWN - AMV	REVISED -

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
STRUCTURE NO. 060-W008  
SHEET NO. 8 OF 19 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	520
CONTRACT NO. 76A91			ILLINOIS FED. AID PROJECT	