



SOIL BORING LOG

ROUTE FAP 585 DESCRIPTION P92-049-06 IL 92 bridge over Main Union Ditch, 1.0 m. W. of IL 78 on IL 92 LOGGED BY W. Garza
 SECTION 128 BR LOCATION Yorktown Twp. - 7 SE, SEC. , TWP. 18N, RNG. 5E
 COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
						(ft)	(/6")	(tsf)	(%)				ft	ft	ft		(ft)	(/6")	(tsf)	(%)				ft	ft	ft	
Wash							3			88.6								4			88.6						
VERY STIFF gray SILTY CLAY	470+54	B-2	469+97	16.00ft Rt CL	99.4	57.90	5	2.3	25		37.90						5	2.7	31								
							7	B									8	S									
Wash							3											3									
MEDIUM gray SILTY LOAM						55.40	3	0.5	28		35.40						5	2.7	33								
							6	P									6	S									
MEDIUM gray SILTY LOAM						-45	2				-65						5										
						52.90	5	0.5	29		32.90						7	2.5	31								
							9	P									10	S									
STIFF gray SILTY CLAY							3										3										
						50.40	7	1.3	19		30.40						4	2.1	32								
							8	B									5	B									
VERY STIFF gray CLAY LOAM						-50	2				-70						3										
						47.90	4	2.2	30		27.90						5	1.8	29								
							5	S									6	P									
VERY STIFF gray CLAY LOAM							4										3										
						45.40	4	2.7	30		25.40						13										
							7	B									14										
Wash						-55	4				-75						3										
STIFF gray SILTY CLAY						42.90	6	1.6	30		22.90						4										
							8	P									8										
Wash							4										1										
VERY STIFF gray CLAY						40.40	7	3.7	29		20.40						1										
							8	B									1										
																	9										

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)

Note:
 In the above logs, groundwater elevations are at the time the boring was taken.



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						(ft)	(/6")	(tsf)	(%)				ft	ft	ft		(ft)	(/6")	(tsf)	(%)				ft	ft	ft	
Wash										88.6											88.6						
VERY DENSE gray fine SAND	470+54	B-2	469+97	16.00ft Rt CL	99.4	17.90																					
End of Boring																											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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 BBS, from 137 (Rev. 8-99)

Soil Boring Log Station and Elevation Shift
 Boring Log Station + 15513.67' = Plan Set Station
 Boring Log Elevation + 512.02' = Plan Set Elevation