

BORING NO. PB-204 (1 OF 3)



SOIL BORING LOG

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Date 10/25/01

ROUTE FAI 64 DESCRIPTION Trilevel Interchange - East St. Louis Mitigation LOGGED BY E.J.N.

SECTION 81-2, 82R LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger and Mud Rotary HAMMER TYPE Automatic Hammer

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	(ft)	(ft)	(tsf)	(%)
082-0394	NA	PB-204	19+61	8.00ft right	413.95					Unknown	Unknown		**	**	**					
CONCRETE (FILL) - 7 inches																				
Crushed limestone GRAVEL (FILL) - 7 inches																				
Medium stiff, dark gray, CLAY																				
Stiff to very stiff, dark brown and gray mottled, SILTY CLAY																				
Stiff, gray, SILTY CLAY LOAM																				
Medium stiff to very stiff, grayish brown, SILT																				
Medium stiff, dark gray, SILT																				

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)
 * Rimac attempted, not measured due to sample disturbance
 ** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

BORING NO. PB-204 (2 OF 3)



SOIL BORING LOG

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Date 10/25/01

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082-0394	NA	PB-204	19+61	8.00ft right	413.95					Unknown	Unknown		**	**	**					
Medium dense, dark gray, FINE GRAINED SAND (continued)																				
See Gradation Test Results																				
Very dense, gray, FINE GRAINED SAND																				
Dense to medium dense, gray, FINE TO MEDIUM GRAINED SAND																				
Medium dense, gray, MEDIUM GRAINED SAND																				

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)
 * Rimac attempted, not measured due to sample disturbance
 ** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

BORING NO. PB-204 (3 OF 3)



SOIL BORING LOG

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Date 10/25/01

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082-0394	NA	PB-204	19+61	8.00ft right	413.95					Unknown	Unknown		**	**	**					
Medium dense, gray, MEDIUM GRAINED SAND (continued)																				
See Gradation Test Results																				
End of Boring																				

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)
 * Rimac attempted, not measured due to sample disturbance
 ** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

FILE NAME = 082-0394_76C47_S24_BOR-05.dgn	USER NAME = bhoite	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS STRUCTURE NO. 082-0394	F.A. RTE. 64	SECTION 82-1-1HBR	COUNTY ST. CLAIR	TOTAL SHEETS 93	SHEET NO. 65	
PLOT SCALE = 8 1/2" = 1' IN.	CHECKED - ATB	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76C47			
PLOT DATE = 5/1/2001	DATE - 05/01/09	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					