

BORING NO. RW-79 (1 OF 3)



SOIL BORING LOG

Page 1 of 3

Date 10/22/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange LOGGED BY VZ
 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	D E P T H	B L O C K	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	Unknown Unknown	ft ft	D E P T H	B L O C K	U C S	M O D E	Groundwater Elev. First Encounter Upon Completion After	396.6 ** **	ft ft ft	▼ ▼ ▼	(ft)	(ft)	(ft)	(ft)	(blf)	(blf)	(blf)	(blf)	(%)	(%)
RW-W229 NA					Unknown	Unknown						396.6	**	**	▼										
					415.12																				
					414.82																				
					412.12																				
					409.82																				
					407.12																				
					404.82																				
					402.12																				
					397.12																				

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)
 * Rimac attempted, not measured due to sample disturbance
 ** Not measured due to drilling methods used
 BBS, from 137 (Rev. 8-99)

BORING NO. RW-79 (2 OF 3)



SOIL BORING LOG

Page 2 of 3

Date 10/22/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange LOGGED BY VZ
 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	D E P T H	B L O C K	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	Unknown Unknown	ft ft	D E P T H	B L O C K	U C S	M O D E	Groundwater Elev. First Encounter Upon Completion After	396.6 ** **	ft ft ft	▼ ▼ ▼	(ft)	(ft)	(ft)	(ft)	(blf)	(blf)	(blf)	(blf)	(%)	(%)
RW-W229 NA					Unknown	Unknown						396.6	**	**	▼										
					415.12																				
					414.82																				
					412.12																				
					409.82																				
					407.12																				
					404.82																				
					402.12																				
					397.12																				

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)
 * Rimac attempted, not measured due to sample disturbance
 ** Not measured due to drilling methods used
 BBS, from 137 (Rev. 8-99)

BORING NO. RW-79 (3 OF 3)



SOIL BORING LOG

Page 3 of 3

Date 10/22/02

ROUTE FAI 64 DESCRIPTION Trilevel Interchange LOGGED BY VZ
 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	D E P T H	B L O C K	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	Unknown Unknown	ft ft	D E P T H	B L O C K	U C S	M O D E	Groundwater Elev. First Encounter Upon Completion After	396.6 ** **	ft ft ft	▼ ▼ ▼	(ft)	(ft)	(ft)	(ft)	(blf)	(blf)	(blf)	(blf)	(%)	(%)
RW-W229 NA					Unknown	Unknown						396.6	**	**	▼										
					415.12																				
					414.82																				
					412.12																				
					409.82																				
					407.12																				
					404.82																				
					402.12																				
					397.12																				

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)
 * Rimac attempted, not measured due to sample disturbance
 ** Not measured due to drilling methods used
 BBS, from 137 (Rev. 8-99)

FILE NAME = 082-0394-76C47-925-BOR-06.dgn	USER NAME = bhatta	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. 66	
PLOT SCALE = 8:1 1" / 10'	CHECKED - ATB	DATE - 05/01/09	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C47
PLOT DATE = 5/1/2009	DATE - 05/01/09	REVISED -	REVISED -								