

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

ROUTE FAP 322 DESCRIPTION U.S. 51 over North Fork Kaskaskia River - Bridge Replacement LOGGED BY SCI

SECTION 25BR-1 LOCATION Approx. 1.5 miles south of Vernon; NE 1/4, SEC. 21, TWP. 4N, RNG. 1E

COUNTY Marion DRILLING METHOD CME 750 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DE	EL	UCS	M	Surface Water Elev.	DE	EL	UCS	M
Station	P	O	S	I	Stream Bed Elev.	P	O	S	I
BORING NO.	T	W	S	Qu	Groundwater Elev.:	T	W	S	Qu
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset	(ft)	(6")	(tsf)	(%)	Upon Completion	(ft)	(6")	(tsf)	(%)
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	After	(ft)	(6")	(tsf)	(%)
061-0002 (existing)					469.8 ft				
687+87					466.8 ft				
B-1D									
686+74					461.9 ft				
49 ft RL					470.4 ft				
474.9					474.9				
CLAYEY SILT: Brown, low plastic (A-4)					464.4				
	1	0.9	21						
	2	S/15							
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23								
	24								
	25								
	26								
	27								
	28								
	29								
	30								
	31								
	32								
	33								
	34								
	35								
	36								
	37								
	38								
	39								
	40								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Page 2 of 2

ROUTE FAP 322 DESCRIPTION U.S. 51 over North Fork Kaskaskia River - Bridge Replacement LOGGED BY SCI

SECTION 25BR-1 LOCATION Approx. 1.5 miles south of Vernon; NE 1/4, SEC. 21, TWP. 4N, RNG. 1E

COUNTY Marion DRILLING METHOD CME 750 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DE	EL	UCS	M	Surface Water Elev.	DE	EL	UCS	M
Station	P	O	S	I	Stream Bed Elev.	P	O	S	I
BORING NO.	T	W	S	Qu	Groundwater Elev.:	T	W	S	Qu
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset	(ft)	(6")	(tsf)	(%)	Upon Completion	(ft)	(6")	(tsf)	(%)
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	After	(ft)	(6")	(tsf)	(%)
061-0002 (existing)					469.8 ft				
687+87					466.8 ft				
B-1D									
686+74					461.9 ft				
49 ft RL					470.4 ft				
474.9					474.9				
CLAY: Grayish brown, high plastic, some sand, trace fine gravel (A-7) (continued)					414.4				
	2								
	3								
	4	1.4	19						
	5	B							
	6								
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23								
	24								
	25								
	26								
	27								
	28								
	29								
	30								
	31								
	32								
	33								
	34								
	35								
	36								
	37								
	38								
	39								
	40								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 2

ROUTE FAP 322 DESCRIPTION U.S. 51 over North Fork Kaskaskia River - Bridge Replacement LOGGED BY SCI

SECTION 25BR-1 LOCATION Approx. 1.5 miles south of Vernon; NE 1/4, SEC. 21, TWP. 4N, RNG. 1E

COUNTY Marion DRILLING METHOD CME 750 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DE	EL	UCS	M	Surface Water Elev.	DE	EL	UCS	M
Station	P	O	S	I	Stream Bed Elev.	P	O	S	I
BORING NO.	T	W	S	Qu	Groundwater Elev.:	T	W	S	Qu
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset	(ft)	(6")	(tsf)	(%)	Upon Completion	(ft)	(6")	(tsf)	(%)
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	After	(ft)	(6")	(tsf)	(%)
061-0002 (existing)					469.8 ft				
687+87					466.8 ft				
B-2									
687+58					463.9 ft				
36 ft RL					470.4 ft				
474.6					466.8 ft				
FILL: Brown, low plastic silty clay, trace sand (A-6)					454.4				
	1	1.0	23						
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23								
	24								
	25								
	26								
	27								
	28								
	29								
	30								
	31								
	32								
	33								
	34								
	35								
	36								
	37								
	38								
	39								
	40								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Page 2 of 2

ROUTE FAP 322 DESCRIPTION U.S. 51 over North Fork Kaskaskia River - Bridge Replacement LOGGED BY SCI

SECTION 25BR-1 LOCATION Approx. 1.5 miles south of Vernon; NE 1/4, SEC. 21, TWP. 4N, RNG. 1E

COUNTY Marion DRILLING METHOD CME 750 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DE	EL	UCS	M	Surface Water Elev.	DE	EL	UCS	M
Station	P	O	S	I	Stream Bed Elev.	P	O	S	I
BORING NO.	T	W	S	Qu	Groundwater Elev.:	T	W	S	Qu
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset	(ft)	(6")	(tsf)	(%)	Upon Completion	(ft)	(6")	(tsf)	(%)
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	After	(ft)	(6")	(tsf)	(%)
0									