



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-2

SOIL BORING LOG

Page 1 of 2

Date 6/9/05

ROUTE TR 10 DESCRIPTION Rayse Creek LOGGED BY E. Sandschafer
SECTION 03-03113-00-BR LOCATION NW 1/4, SEC. 18, TWP. 2 S, RNG. 1 E, 3 PM
COUNTY Jefferson DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

DEPT	BL	UCS	MOIST	Surface Water Elev.	DEPT	BL	UCS	MOIST
H	S	Qu	T	ft	H	S	Qu	T
(ft)	(#)	(tsf)	(%)		(ft)	(#)	(tsf)	(%)
				465.75	2	0.5	22	
				464.57	2	B		
				459.8	1			
				456.48	2	0.7	21	
				452.78	3	BS		
				451.78	0			
				443.88	2	0.1	23	
				441.78	2	B		
				439.28	0			
				438.98	1	0.5	23	
				438.98	3	0.7	24	
				438.98	3	B		
				443.88	17			
				443.88	40			
				439.28	50/4"			
				438.98	40			

Latitude N 38 deg 21.21 min, Longitude W 90 deg 05.48 min, Map Datum NAD 83

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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ROCK CORE LOG

Page 2 of 2

Date 6/9/05

ROUTE TR 10 DESCRIPTION Rayse Creek LOGGED BY E. Sandschafer
SECTION 03-03113-00-BR LOCATION NW 1/4, SEC. 18, TWP. 2 S, RNG. 1 E, 3 PM
COUNTY Jefferson CORING METHOD Rotary, surf set diamond bit

RECORDED	CORE	STR	STRUCT. NO.	CORING BARREL TYPE & SIZE	RECORDED	CORE	STR
Y	DEPTH	NGTH	041-3084	NW, conv dbl bbl, split inner	Y	DEPTH	NGTH
	(ft)	(#)				(ft)	(#)
	438.98	100	15	0.3			
	433.98	100	70	0.3			
	428.98						

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)



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SOIL BORING LOG

Page 1 of 1

Date 6/15/05

ROUTE TR 10 DESCRIPTION Rayse Creek LOGGED BY E. Sandschafer
SECTION 03-03113-00-BR LOCATION NW 1/4, SEC. 18, TWP. 2 S, RNG. 1 E, 3 PM
COUNTY Jefferson DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

DEPT	BL	UCS	MOIST	Surface Water Elev.	DEPT	BL	UCS	MOIST
H	S	Qu	T	ft	H	S	Qu	T
(ft)	(#)	(tsf)	(%)		(ft)	(#)	(tsf)	(%)
				465.75	2	1.1	24	
				464.57	3	B		
				459.9	1			
				462.4	2	0.8	24	
				455.88	3	B		
				451.78	0			
				443.88	2	0.8	24	
				441.78	4	B		
				439.28	2			
				438.98	4	0.8	22	
				438.98	5	B		
				443.88	1			
				443.88	2	0.8	22	
				443.88	3	B		
				444.88	1			
				444.88	2	0.5	25	
				441.88	7			
				441.88	2	0.5	25	
				439.98	3	B		
				439.98	0			

Latitude N 38 deg 21.21 min, Longitude W 90 deg 05.48 min, Map Datum NAD 83

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)

BORING 1

BORING 2

DESIGNED - A.S.L.
CHECKED - S.W.M.
DRAWN - D.T.M.
CHECKED - D.A.B.

PIERS
STRUCTURE NO. 041-3742

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10	03-03113-00-BR	JEFFERSON	15	15
PROJECT NUMBER: 08.0127.130	DATE: 01/21/09	CASNER ROAD DISTRICT		CONTRACT NO. 99362	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			