

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
595	1-1	ROCK ISLAND	239	131
SHEET NO. 17				

18 SHEETS



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 11/30/04

ROUTE FA 595 DESCRIPTION P92-118-94 Retaining Wall D, at John Deere Road and Indian Hill Road LOGGED BY W. Garza
SECTION 1-1 LOCATION SEC., TWP., RNG.
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Dierich Automatic

STRUCT. NO.	BORING NO.	DEPTH	BULGE	SHOULDER	UNCONFINED COMPRESSIVE STRENGTH (UCS)	FAILURE MODE	QUANTITY	PERCENT	SOIL TYPE	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After
081-W006	B-8	(ft)	(in)	(in)	(tsf)	(%)	(%)	(%)		ft	ft	ft	ft	ft	Hrs.
							0.8	20	P						
		597.90					3								
		596.40			1.3		19		B						
							5								
					3.0		12		P						
		593.40													
							10								
							9								
		591.40					15								
							18								
							20								
							36								
		587.90													

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 T208)
BBS, form 137 (Rev. 8-99)



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ROCK CORE LOG

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Date 11/30/04

ROUTE FA 595 DESCRIPTION P92-118-94 Retaining Wall D, at John Deere Road and Indian Hill Road LOGGED BY W. Garza
SECTION 1-1 LOCATION SEC., TWP., RNG.
COUNTY Rock Island CORING METHOD

STRUCT. NO.	BORING NO.	CORING BARREL TYPE & SIZE	DEPTH	CORRECTION	RECOVERY	RECOVERY	CORE	STRENGTH
081-W006	B-8	1.6 in	(ft)	(#)	(%)	(%)	min/ft	(tsf)
					100	70	1.8	307
					100	53	1.8	
					100	32	1.8	388

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)

Illinois Firm Registration No. 04-00533
Stanley Consultants Inc.
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2800
www.stanleygroup.com

SOIL BORING LOG AND ROCK CORE LOG B-8
RETAINING WALL D ALONG
IL ROUTE 5
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 76+50.00 TO STA 82+70.00
STRUCTURE NO. 081-W006

DESIGNED	NDR
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 31, 2006