

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

ROCK CORE LOG

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Date 7/24/07

ROUTE FAP 823 (IL 15) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer

SECTION (22BY-1, 22BY2, 22BR1B-1) LOCATION SEC. 2, TWP. 2 S, RNG. 9 E, 3 PM

COUNTY Wayne CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. 096-0016 CORING BARREL TYPE & SIZE NW, conv dbl bbl, split inner
Station 301+63.5

BORING NO. 2 Core Diameter 2.08 in
Station 302+40 Top of Rock Elev. 311.84 ft
Offset 14.00 ft LT Begin Core Elev. 310.84 ft
Ground Surface Elev. 391.34 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (ksf)
310.84	B2-1	81	81	1.1	
Rock core sample B2C1 @ 82.4' to 82.9' depth = 28.6 lsf Qu.					
	B2-2	100	98	1.1	
Rock core sample B2C2 @ 88.5' to 89.0' depth = 35.4 tsf Qu.					
300.84					
Extent of exploration.					
Benchmark: WE-21 Chiseled square on top of NW wingwall of existing structure 096-0016, Sta 301+21, 22.5' Rt = 391.97' elev. Provided by Program Development.					

Color pictures of the cores Available on request
Cores will be stored for examination until 07/24/08
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

Field Rock Core Log a.xls

Field Rock Core Log

Date: 7-24-07

Structure #: 096-0016

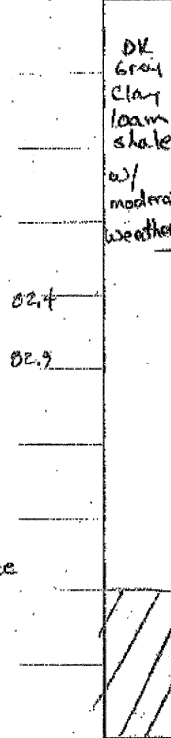
Boring #: 2

Rock Core #: B2C1

Rock Core #: B2C2

Depth: 80.4

Depth: 85.4



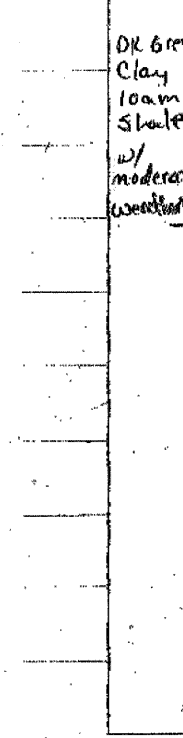
Depth: 80.4

Core Time: 5:37

Recovery: 80.6%

RQD: 80.6

Logged By: Eric Sandschafer



Depth: 80.4

Core Time: 5:22

Recovery: 100%

RQD: 98.0

RQD
4.90

SOIL BORINGS
IL 15 OVER UNION
DRAINAGE DITCH
WAYNE COUNTY
STATION 301+65.00
STRUCTURE NO. 096-0071

SHEET NO. 20 20 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	823	(22BY-1) B-1	WAYNE	142	80
CONTRACT NO. 74238					
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		