



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

ROCK CORE LOG

Page 3 of 3

Date 7/20/07

ROUTE FAP 823 (IL 15) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer
(22BY-1, 22BY-2,
SECTION 22BR1B-1 LOCATION E 1/2, SEC. 2, TWP. 2 S, RNG. 9 E, 3 PM

COUNTY Wayne CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. 096-0017 CORING BARREL TYPE & SIZE NW, conv dbl bbl, split inner
Station 295+50 Core Diameter 2.06 in
BORING NO. 1 Top of Rock Elev. 337.89 ft
Station 294+73 Begin Core Elev. 331.89 ft
Offset 12.00 ft Lt
Ground Surface Elev. 391.69 ft

DEPTH (ft)	CORRECTION (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
331.89	B1-1	95	17	0.4	
330.89					
330.29					
325.69	B1-2	100	64	0.5	
325.19					
324.89					
323.69					
321.89					
-70					
-75					

Color pictures of the cores Available on request
Cores will be stored for examination until 07/20/08
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-96)

Field Rock Core Log 8.18

Field Rock Core Log

Date: 7-20-07

Structure #: 096-0017 Boring #: 1

Rock Core #: B1C1 Rock Core #: B1C2

Note: All are open joints unless otherwise noted

Depth: 59.8'

0.07	Grey SS
0.35	w/mod weathering
0.49	
0.64	
0.74	
0.80	
0.91	
1.05	
1.18	
1.59	Grey clay shale
1.75	
1.87	
1.98	
1.95	
2.00	
2.20	thinly layered
2.47	
2.59	
2.68	some blk veining
2.70	
2.74	
2.80	
2.81	
2.83	
2.85	
2.90	
2.99	
3.07	
3.13	
3.14	
3.18	
3.16	
3.24	
3.25	
3.25	
3.30	
3.31	
3.32	
4.75	

Depth: 64.8'

0.26	Grey SS
0.34	w/some v thin
0.56	Blk layer
0.73	
0.89	scratches easy
1.14	
1.18	
1.16	
1.74	Grey Sand clay shale
1.80	Blk weathering
1.86	Grey SS
1.87	Scratches easy
2.00	
2.50	Grey sandy clay shale w/some moderate weathering
3.75	Grey SS w/some thin blk layering
4.30	Scratches easy
4.48	
4.86	

RQD
0.41
0.43

Depth: 64.55'
Core Time: 2:10
Recovery: 95%
RQD: 16.8%
Logged By: Eric Sandschafer

Depth: 64.8'
Core Time: 2:32
Recovery: 100%
RQD: 64.3

SOIL BORINGS
IL 15 OVER UNION DRAINAGE
DITCH OVERFLOW
WAYNE COUNTY
STATION 295+41.00
STRUCTURE NO. 096-0072

SHEET NO. 22	F.A.P. RTE. 823	SECTION (22BY2) B-1	COUNTY WAYNE	TOTAL SHEETS 142	SHEET NO. 59
23 SHEETS	CONTRACT NO. 74238				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			