


68201	ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FAI 74	*	TAZEWELL	1366	597
STA.			TO STA.		
F.H.W.A. REGION			ILLINOIS PROJECT		

**LEGEND - IDOT TEST BORING LOGS**

Silty Clay Loam Textural classification of soil in accordance with IDOT Triangular Chart.  $Q_u$ , kPa Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.

BLOWS/150mm Number of blows required to drive a standard soil sampling device 150 mm as conducted in accordance with AASHTO T 206 standard specification. Moist. % Natural moisture content of soil and bedrock in percent determined in accordance with AASHTO T 265 standard specification and AASHTO T 265/ASTM D 2216 for bedrock.



**Illinois Department of Transportation**  
Division of Highways  
DOT

**ROCK CORE LOG**

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Date 9/20/03

ROUTE FAI-74 DESCRIPTION Ramp K-2 & J-3 LOGGED BY DPS

SECTION 72-6, 7, 8, 9-1, 99-11, 99-12, 13, 14 LOCATION . SEC., TWP., RING.


COUNTY Peoria & Tazewell CORING METHOD Double Barrel

STRUCT. NO. \_\_\_\_\_ CORING BARREL TYPE & SIZE NWD4  
Station \_\_\_\_\_ Core Diameter 52 mm  
BORING NO. K2MJ3-1 Top of Rock Elev. 147.44 m  
Station 10+423 Begin Core Elev. 145.86 m  
Offset 3.50m Rt of CL \_\_\_\_\_ m  
Ground Surface Elev. 160.64 m

DEPTH (m)	DEPTH (ft)	MOISTURE (%)	CORRECTION (%)	STRENGTH (min/0.3m) (kPa)	REMARKS	CORRECTION	STRENGTH
145.86	48.84	18.0%	18.0%	49	moisture	49	927
150.00	49.21	18.0%	18.0%				1501
145.91	48.85	8.4%	8.4%				3298
144.63	47.78	7.0%	7.0%	60	moisture	60	6099
143.57	47.11	10.1%	10.1%				1751
143.57	47.11	9.4%	9.4%				1018
143.57	47.11	12.2%	12.2%				347
143.57	47.11	8.4%	8.4%	88	moisture	88	695
143.57	47.11	8.3%	8.3%				785
143.57	47.11	8.0%	8.0%				1046
143.57	47.11	8.0%	8.0%				1701
143.57	47.11	8.0%	8.0%				1804

Color pictures of the cores  No  
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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Division of Highways  
DOT

**ROCK CORE LOG**

Page 4 of 4  
Date 9/20/03

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SECTION 72-6, 7, 8, 9-1, 99-11, 99-12, 13, 14 LOCATION . SEC., TWP., RING.

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Station 10+423 Begin Core Elev. 145.86 m  
Offset 3.50m Rt of CL \_\_\_\_\_ m  
Ground Surface Elev. 160.64 m

DEPTH (m)	DEPTH (ft)	MOISTURE (%)	CORRECTION (%)	STRENGTH (min/0.3m) (kPa)	REMARKS	CORRECTION	STRENGTH
138.81	45.53	7.2%	7.2%		moisture		1172
138.81	45.53	7.5%	7.5%		moisture		282
138.81	45.53	7.8%	7.8%		moisture		1864
138.81	45.53	7.4%	7.4%		moisture		1655
138.81	45.53	6.9%	6.9%		moisture		2266
138.81	45.53	6.7%	6.7%		moisture		2377
138.81	45.53	6.8%	6.8%		moisture		3114
138.81	45.53	5.3%	5.3%		moisture		8821
138.81	45.53	7.4%	7.4%		moisture		5070
138.81	45.53	8.0%	8.0%		moisture		10516

End of Boring

Color pictures of the cores  No  
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)

DESIGNED	WJZ
CHECKED	SWS
DRAWN	RMG
CHECKED	DJM

**alfred benesch & company**  
CONSULTING ENGINEERS  
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601  
JOB NO. 2513

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RAMP K-2 OVER  
MAIN ST & RAMP J-3  
F.A.I. ROUTE 74 (I-74)  
SECTION 90-IIB-5  
**ROCK CORE LOG**  
K2MJ3-1  
SN: 090-0156  
TAZEWELL CO., IL.  
STA. 10+529.222  
DATE: 12-23-04

2/3/2005 m:\pro\3573\rampk2\shlb7-7-00\00156.dgn