



Illinois Department of Transportation  
Division of Highways  
DOT DISTRICT #

SOIL BORING LOG

Page 1 of 3

Date 5/29/05

ROUTE FAI 79FAU 8021 DESCRIPTION MacArthur over I-72 LOGGED BY M. Tappan

SECTION (84-9-4)HBK,BY,BY-1 LOCATION NE 14, SEC. 20, TWP. 16 N, RNG. 6 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	(R)	(S)	(T)	(Q)	(%)	
084-0513	792+77.54	MAS-5 S. Abut	791+98	35.00ft Left	611.5					NA	NA		583.0	579.5	144							

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 (ASTM D1586)  
EBS, from 137 (Rev. 8-99)



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084-0513	792+77.54	MAS-5 S. Abut	791+98	35.00ft Left	611.5					NA	NA		583.0	579.5	144							

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084-0513	792+77.54	MAS-6 S. Abut	791+20	35.00ft Right	601.6					NA	NA		583.1	584.6	188							

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 (ASTM D1586)  
EBS, from 137 (Rev. 8-99)

MM 10/22/04  
DAP 01/04/05  
JMM 02/02/05

Corporate License Number 184-001-084

BORINGS  
MACARTHUR BLVD. OVER F.A.I. 72  
SECTION (84-9-4)A,HBK,BY,BY-1  
SANGAMON COUNTY  
STATION 792+77.54  
STRUCTURE NUMBER 084-0513

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JOB# 96S2002B  
DATE 02/02/05