0150064-74149-35-SoilBrg.dgn 7/31/2009 12:38:37 PM HAS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Five Materials

Bridge Foundat
Boring Log

PROJECT _____ BRIDGE RETAINING WALL Date 03/09/93 Sh. 1 of

ROUTE FA 91 & 87 FAILURE AT MATTOON Bored By Winschief

SEC. 19(VBR & I-1) STA. (1.2CS)RS & RS-1 Checked By T.G.B.

COUNTY Coles

Boring No. 1
Sta 31+49
O/S 22' LT

Surf Wat El. _____
Grndwater El. _____
at Compl DRY
At _____ Hrs _____

Description	El.	N	Qu t/sf	W %	Description	El.	N	Qu t/sf
Ground Surface 735.9	0							
MEDIUM TO COARSE BROWN SAND BACKFILL	-5	9				-25	7	B 1.4
							9	B 1.6
		11				-30	8	B 1.2
724.9	-10	4			GRAY SANDY CLAY LOAM TILL		7	B 1.2
BROWN CLAY LOAM TILL		12	B 2.3	13		-35	8	B 1.0
719.9	-15	18	B 3.1	13	SAND LENS------>		13	B 1.6
GRAY SANDY CLAY LOAM TILL		11	B 2.7	13		-40	7	B 1.2
	-20	9	B 3.1	13				
		8	B 2.1	13		-45	8	B 1.8

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N-Std Pentr Test: 2" OD Sampler,
140# Hammer Falling 30" (Type Fail. B-Bulge S-Shear E-Estimated P-Penetror

Project _____
Route FA 91 & 87
Sec. 19(VBR & I-1)
County Coles

Sh. 2 of

Description	El.	N	Qu t/sf	W %	Description	El.	N	Qu t/sf
Boring No. 1 Sta 31+49 O/S	-45					-70		
GRAY SANDY CLAY LOAM TILL	-50	7	B 1.4	13		-75		
680.9 LIMIT OF BORING	-55	12	B 2.5	13		-80		
	-60					-85		
	-65					-90		
	-70					-95		

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ESCA CONSULTANTS, INC.

DESIGNED BY:	MTD	03/09
DRAWN BY:	RJT	03/09
CHECKED BY:	MTD	03/09
APPROVED BY:	RDP	08/09

SOIL BORINGS
STRUCTURE NO. 015-0064

SHEET NO. 35	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35 SHEETS	325	(19VBR)BR	COLES	92	59
			CONTRACT NO. 74149		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		