

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	*	CHRISTIAN	97	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* D 6 RESURFACING 2007				

Illinois Department of Transportation
Soil Boring Log
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Date 4/25/07

ROUTE FAP 75 (IL 29) DESCRIPTION City of Taylorville Storm Sewer - East Poplar Street and Railroad LOGGED BY M. Tappan

SECTION 02857142-12-2 LOCATION SEC. TWP. RNS. PM

COUNTY Christian DRILLING METHOD N/A HAMMER TYPE 140 # Anvil

STRENGTH NO.	NA	D	B	U	M	Surf. Water Elev.	NA	R	D	B	U	M	
Station	NA	2	0.7	36		Stream Bed Elev.	NA	R	2	0.7	36		
BORING NO.	<u>1</u>	T	W	S	T	Groundwater Elev.	<u>71.9</u>	R	T	W	S	T	
Station	<u>45+41</u>	H	S	Qc	T	Pin Penometer	<u>71.9</u>	R	H	S	Qc	T	
Offset	<u>0.005 Right</u>					Upon Completion	Washed	R					
Ground Surface Elev.	<u>88.9</u>	R	(U)	A*	(u0)	After	Hrs.	Flanged	R	(U)	A*	(u0)	(S)
Grey Mott SILTY CLAY LOAM 3													
Brown and Grey Mott SILTY CLAY 3													
Brown and Grey Mott SILTY CLAY LOAM 3													
Grey w/ Grey Medium Grained SAND 3													
Dark Grey Mott LOAM 3													
Grey Mott SAND LOAM 3													
Grey Mott SILTY LOAM 3													
Free Water 3													
Dark Olive Grey Varied Mott 3													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Slip, S-Shear, P-Fracture)
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586)

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COUNTY Christian DRILLING METHOD N/A HAMMER TYPE 140 # Anvil

STRENGTH NO.	NA	D	B	U	M	Surf. Water Elev.	NA	R	D	B	U	M	
Station	NA	2	1.5	54		Stream Bed Elev.	NA	R	2	1.5	54		
BORING NO.	<u>2</u>	T	W	S	T	Groundwater Elev.	<u>74.6</u>	R	T	W	S	T	
Station	<u>46+06</u>	H	S	Qc	T	Pin Penometer	<u>74.6</u>	R	H	S	Qc	T	
Offset	<u>0.005 Right</u>					Upon Completion	Washed	R					
Ground Surface Elev.	<u>83.1</u>	R	(U)	A*	(u0)	After	Hrs.	Flanged	R	(U)	A*	(u0)	(S)
Brown and Grey Mott SILTY CLAY LOAM 3													
Brown and Grey Mott SILTY CLAY 3													
Brown and Grey Mott SILTY CLAY LOAM 3													
Grey Mott SAND LOAM 3													
Grey Medium Grained SAND 3													
Free Water 3													
Grey Fine Grained SAND 3													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Slip, S-Shear, P-Fracture)
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586)

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COUNTY Christian DRILLING METHOD N/A HAMMER TYPE 140 # Anvil

STRENGTH NO.	NA	D	B	U	M	Surf. Water Elev.	NA	R	D	B	U	M	
Station	NA	2	1.5	54		Stream Bed Elev.	NA	R	2	1.5	54		
BORING NO.	<u>3</u>	T	W	S	T	Groundwater Elev.	<u>71.9</u>	R	T	W	S	T	
Station	<u>46+08</u>	H	S	Qc	T	Pin Penometer	<u>71.9</u>	R	H	S	Qc	T	
Offset	<u>3.008 Left</u>					Upon Completion	Washed	R					
Ground Surface Elev.	<u>87.7</u>	R	(U)	A*	(u0)	After	Hrs.	Flanged	R	(U)	A*	(u0)	(S)
Brown and Grey Mott SILTY CLAY 3													
Brown and Grey Mott SILTY CLAY LOAM 3													
Grey Mott LOAM 3													
Grey Mott SAND LOAM 3													
Dark Grey 3													
Grey Medium Grained SAND 3													
Free Water 3													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Slip, S-Shear, P-Fracture)
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586)

NOTE: THE ELEVATIONS SHOWN ARE FROM AN ASSUMED ELEVATION SYSTEM, AND ARE NOT CONSISTENT WITH THOSE SHOWN ON THE PLAN SHEETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

FAP ROUTE 75 (IL 29)

SECTION D 6 RESURFACING 2007

CHRISTIAN COUNTY

SCALE: VERT.
HORIZ.

DATE

DRAWN BY
CHECKED BY

FILE NAME = 12/15/2006
PROJECTS\65454831\ed53288\borings\log.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = laughlinr1