TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	19180-3212-04	12

TTL
geotechnical • analytical • materials • environmental

BOOKER ENGINEERING
LIGHT POLES AT SR386 AND CONFERENCE DRIVE INTERCHANGE
Davidson County, TN

LOG OF BORING
B-07 (HM-1)
STA FT
Page 1 of 1

Drilling Co.:	*TTL, Inc.*	**TTL** Project No.:	*100913154*
Driller:	*R. Bell*	Date Drilled:	*8/9/2013*
Logged by:	*B. Ramans*	Boring Depth:	*25 feet*
Equipment:	*CME 550X*	Boring Elevation:	*n/a feet*
Hammer Type:	*Automatic*	Coordinates:	*Not Available*
Drilling Method:	*Hollow Stem Auger w/SPT Sampling and NQ Wireline Coring*		

Remarks:
Borehole dry upon reaching auger refusal and before rock coring. Borehole backfilled with auger cuttings after rock coring was completed.

Water level at time of boring. Delayed water level.

SAMPLE DATA

DEPTH (ft)	ELEVATION (ft)	GRAPHIC LOG	AASHTO CLASSIFICATION	MATERIALS DESCRIPTION	MOISTURE (%)	PPV (tsf)	TYPE	N-COUNT 1st 6" 2nd 6" 3rd 6" / RQD % REC	STANDARD PENETRATION TEST DATA (blows per foot) 10 20 30 40 50
			CL	LEAN CLAY, stiff, gray, silty, with some limestone fragments and little sand (RESIDUUM)				2 - 3 - 7 N = 10	
				Shelby Tube sample obtained from 4 to 6 feet					
5								25 - 50/4 N = 50/4"	
				LIMESTONE, moderately hard to hard, medium to coarse grained, thin to medium bedding, light gray, with occasional shale laminate partings and weathered zones					Auger refusal at 8 feet. Begin NQ coring.
10								RQD=40 REC=96	
15									
20								RQD=79 REC=97	
25				Boring terminated at 25 feet.					

N:\BRK\PERPROJECTS\2013 PROJECTS\100913154 LIGHT POLES SR 386 INTERCHANGE\LIGHT POLE LOGS.GPJ 9/9/13 Report 2009 GEOTECH WGINT [USCS & STATION LSW]

This boring log shall not be separated from the corresponding Instrument of Service; no third party may rely upon this boring log or the corresponding Instrument of Service absent a written TTL Secondary Client Agreement.

SEALED BY
Brenda K. Booker
BRENDA K. BOOKER
REGISTERED ENGINEER
No. 104945
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BORE LOGS

SR 386 AT CONFERENCE DRIVE

SCALE: NONE

* * * GEOTECHNICAL INFORMATION PROVIDED BY: TTL, INC., ON FILE WITH TDOT TRAFFIC DESIGN * * *

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