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## NORTH CAROLINA DEPARTMENT OF TRANSPORTATION <br> dIVISION of highways <br> GEOTECHNICAL ENGINEERING UNIT <br> SUBSURFACE INVESTIGATION

SOIL AND ROCK LEGEND, TERMS, SYMBOLS, AND ABBREVIATIONS




#### Abstract

 AOURER - - Water bean c formation or strata.      






 Formation fend - A Mapabil













 BENCH MARK:
notes: boring locations and elevations were taken from gro file dated 5/9/2017 AND tiN FLLE DATED 8/29/2017.






## STRUCTURE SUBSURFACE INVESTIGATION



PERSONNEL
$\qquad$
W. S. HUNSBERGER J. R. HOLGEN TRIGON EXP nvestigated by falcon eng drawn by J. L. PEDRO CHECKED by N. T. ROBERSON SUBMitted by N. T. Roberson DATE JUNE 2017


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 :ISSLIE -


















| BENCH MARK: BORING ELEVATIONS TAKEN FROM U2519B_LS_TIN.TIN |
| :--- |
| DATED $3 / 2 / 2016$ |

NOTES:





BORE LOG


| WBS 34817.1.FR8 |
| :--- |
| SITE DESCRIPTION NEW GRAD | TIP U-2159BB

COUNTY CUMBERLAND $\qquad$ GEOLOGIST HOGLEN, J. R.

| SITE DESCRIPTION NEW | NEW GRADE SEPARATED STRUCTURE ON -Y17- (SR 1140) OVER -L- (FAYETTEVILLE OUTER LOOP) |  |  | GROUND WTR (ft) |
| :---: | :---: | :---: | :---: | :---: |
| BORING NO. EB1-b | STATION 78+98 | OFFSET 45 ft RT | ALIGNMENT -Y17- | 0 HR. 6.0 |
| COLLARELEV. 207.7 ft | TOTAL DEPTH 69.8 ft | NORTHING 457,780 | EASTING 1,989,225 | 24 HR . |




 210

200

|  |
| :--- |
|  |
|  |

5.6

150
$\begin{array}{r}145 \\ 140 \\ \hline\end{array}$



| WBS 34817.1.FR8 | TIP U-2159BB | COUNTY CUMBERLAND | GEOLOGIST HOGLEN, J.R. |
| :--- | :--- | :--- | :--- |





 ( 130
$\qquad$


 COASTALPALAI EISVation 127.9 (SAY)
CAAE FEAR FORMATION)



