

PROJECT: 17BP.2.R.48 ID: SF-730063

CONTENTS

SHEET	DESCRIPTION
1	TITLE SHEET
2	LEGEND
3	SITE PLAN
4	PROFILE
5-6	BORE LOGS

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL ENGINEERING UNIT

STRUCTURE
SUBSURFACE INVESTIGATION

PROJ. REFERENCE NO. 17BP.2.R.48 (SF-730063) F.A. PROJ. _____
 COUNTY PITT
 PROJECT DESCRIPTION BRIDGE NO. 63 ON NC 102 OVER FORK
SWAMP AT -L- STA. 14+33

STATE	STATE PROJECT NUMBER/NO. INC.	SHEET	TOTAL
N.C.	SF-730063	1	6

CAUTION NOTICE

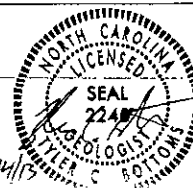
THE SUBSURFACE INFORMATION AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WERE MADE FOR THE PURPOSES OF STUDY, PLANNING, AND DESIGN AND NOT FOR CONSTRUCTION OR PAID PURPOSES. THE VARIOUS FIELD BORING LOGS, ROCK CORES, AND SOIL TEST DATA AVAILABLE MAY BE REVIEWED OR INSPECTED IN WASHINGTON CONTINGENT THE N.C. DEPARTMENT OF TRANSPORTATION, GEOTECHNICAL ENGINEERING UNIT AT (919) 707-4808, WITHIN THE SUBSURFACE PLANS AND REPORTS, NOW THE FIELD BORING LOGS, ROCK CORES, OR SOIL TEST DATA ARE PART OF THE CONTRACT.

GENERAL SOIL AND ROCK STRATA DESCRIPTIONS AND INDICATED BOUNDARIES ARE BASED ON A GEOTECHNICAL INTERPRETATION OF ALL AVAILABLE SUBSURFACE DATA AND MAY NOT NECESSARILY REFLECT THE ACTUAL SUBSURFACE CONDITIONS BETWEEN BORINGS OR BETWEEN SAMPLES OBTAINED WITHIN THE BORING. THE LABORATORY SAMPLE DATA AND THE IN SITU UNPLACED TEST DATA CAN BE RELIED UPON TO THE DEGREE OF RELIABILITY INDICATED IN THE STANDARD TEST METHOD. THE OBSERVED WATER LEVELS OR SOIL MOISTURE CONDITIONS INDICATED IN THE SUBSURFACE INVESTIGATIONS ARE AS RECORDED AT THE TIME OF THE INVESTIGATION. THESE WATER LEVELS OR SOIL MOISTURE CONDITIONS MAY VARY CONSIDERABLY WITH TIME ACCORDING TO CLIMATIC CONDITIONS INCLUDING TEMPERATURES, PRECIPITATION AND WIND, AS WELL AS OTHER NON-CLIMATIC FACTORS.

THE NUMBER OF BORINGS OR CONTRACTOR IS CAUTIONED THAT DETAILS SHOWN BY THE SUBSURFACE PLANS ARE PRELIMINARY ONLY AND IN MANY CASES THE FINAL BORING DETAILS ARE DIFFERENT. FOR MEANS AND CONSTRUCTION PURPOSES, REFER TO THE CONSTRUCTION PLANS AND SPECIFICATIONS FOR FINAL DESIGN INFORMATION ON THIS PROJECT. THE DEPARTMENT DOES NOT WARRANT OR GUARANTEE THE ACCURACY OR RELIABILITY OF THE INFORMATION HEREIN. THE INTERPRETATIONS MADE BY THE DEPARTMENT AS TO THE TYPE OF MATERIALS AND CONDITIONS TO BE ENCOUNTERED BY THE BORING OR CONTRACTOR IS CAUTIONED TO MAKE NECESSARY SUBSURFACE INVESTIGATIONS AS HE DEEMS NECESSARY TO SATISFY HIMSELF AS TO CONDITIONS TO BE ENCOUNTERED ON THIS PROJECT. THE CONTRACTOR SHALL HAVE THE BURDEN FOR ADDITIONAL COMPENSATION OR FOR AN EXTENSION OF TIME FOR ANY REASON RESULTING FROM THE ACTUAL CONDITIONS ENCOUNTERED AT THE SITE DIFFERING FROM THOSE REVEALED IN THE SUBSURFACE INFORMATION.

PERSONNEL
C.M. WRIKKE
R.E. SMITH
D.G. PINTER

INVESTIGATED BY **T.C. BOTTOMS**
 CHECKED BY **D.N. ARGENBRIGHT**
 SUBMITTED BY **D.N. ARGENBRIGHT**
 DATE **JANUARY 2013**

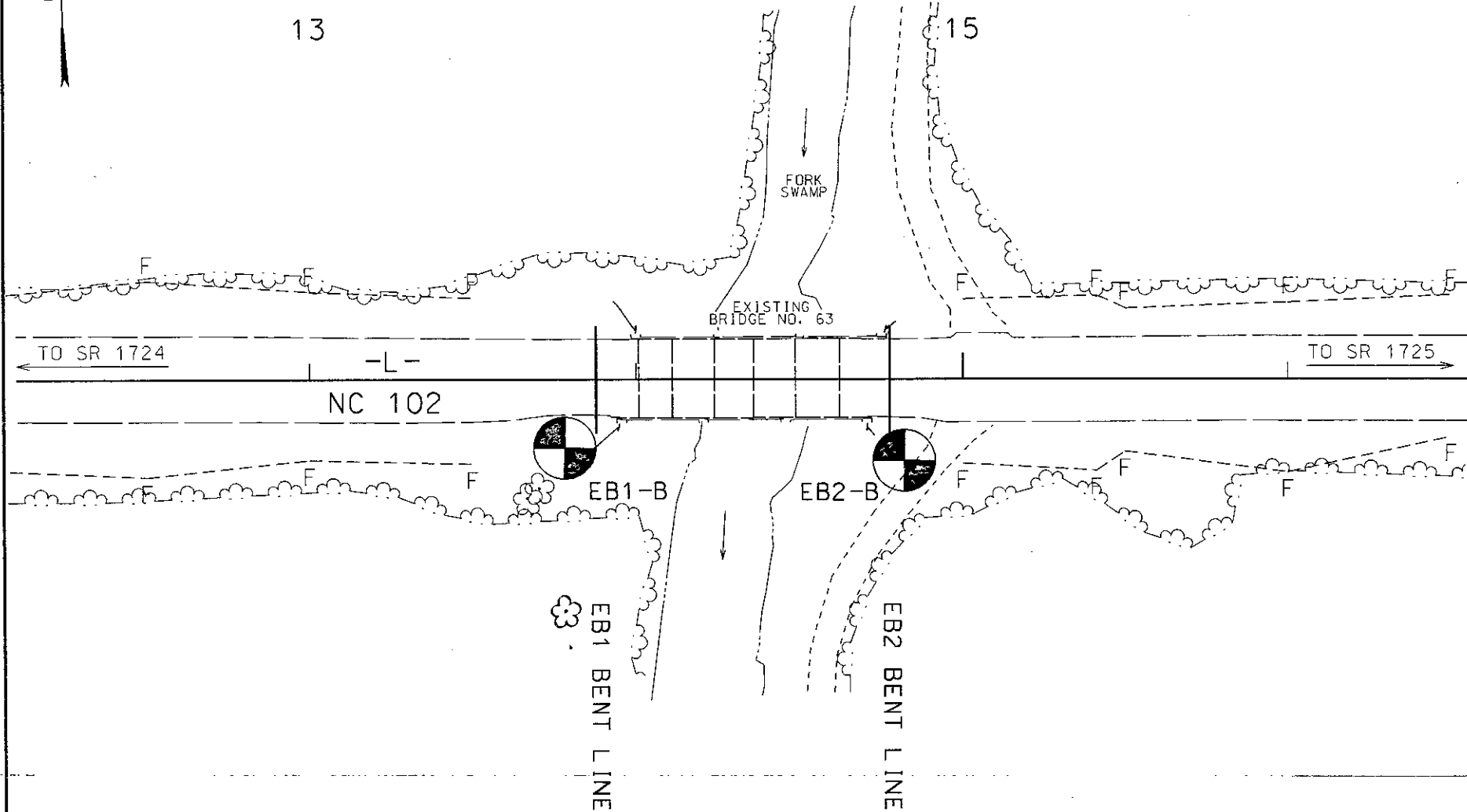


SKEW = 90°



13

15



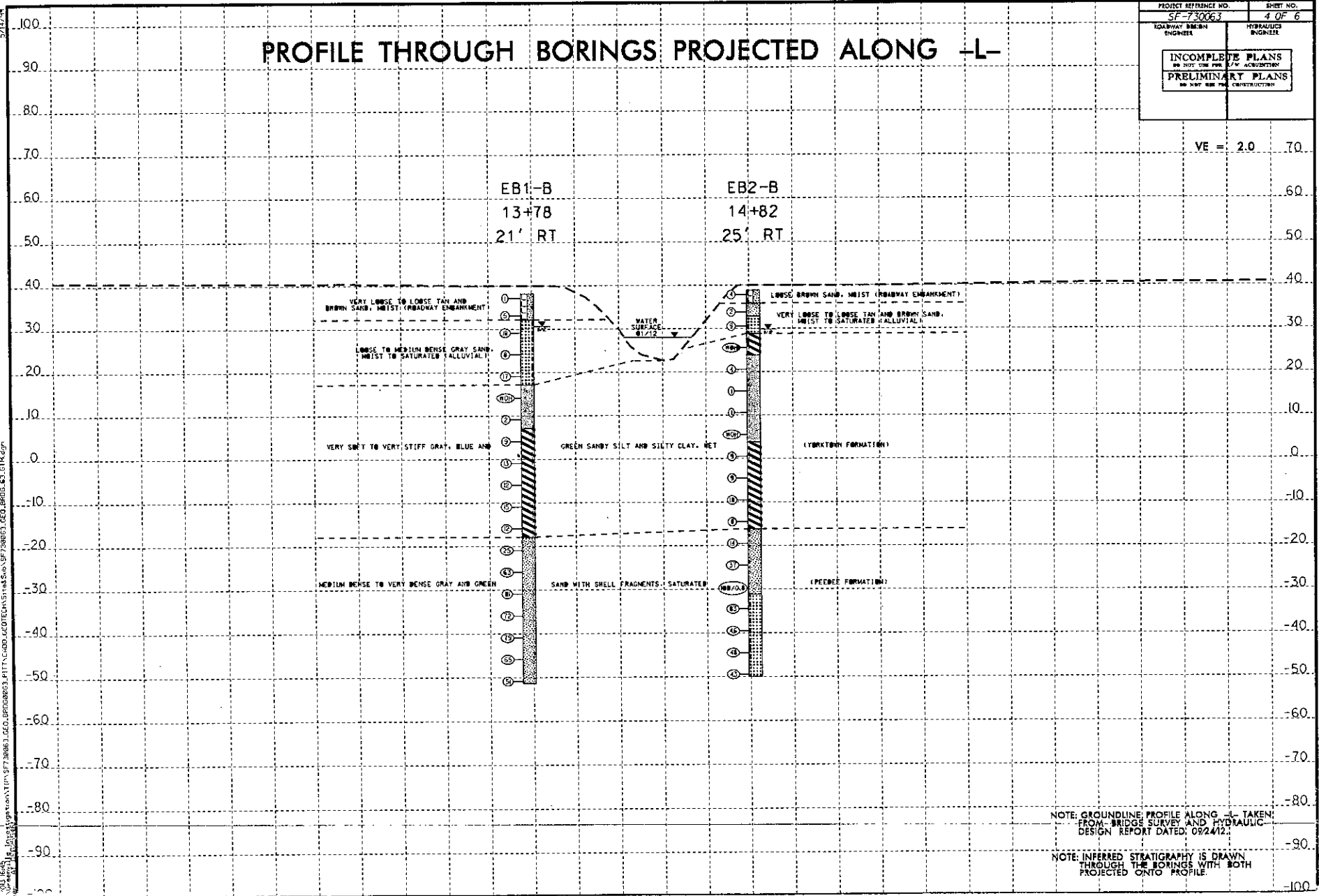
PROJECT REFERENCE NO.	SHEET NO.
SF-730063	4 OF 6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS <small>DO NOT USE FOR CONSTRUCTION</small>	
PRELIMINARY PLANS <small>DO NOT USE FOR CONSTRUCTION</small>	

PROFILE THROUGH BORINGS PROJECTED ALONG -L-

VE = 2.0

EB1-B
13+78
21' RT

EB2-B
14+82
25' RT

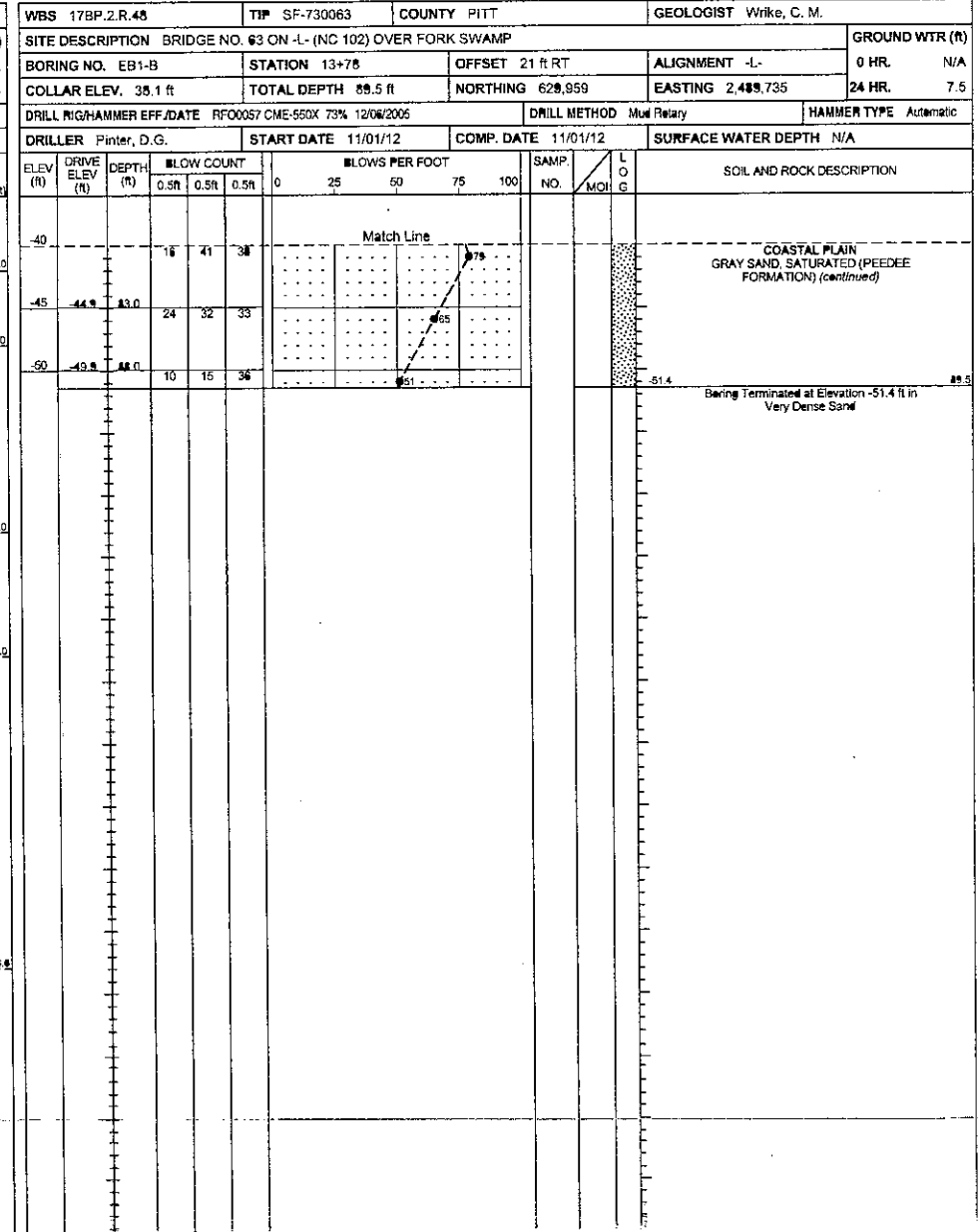
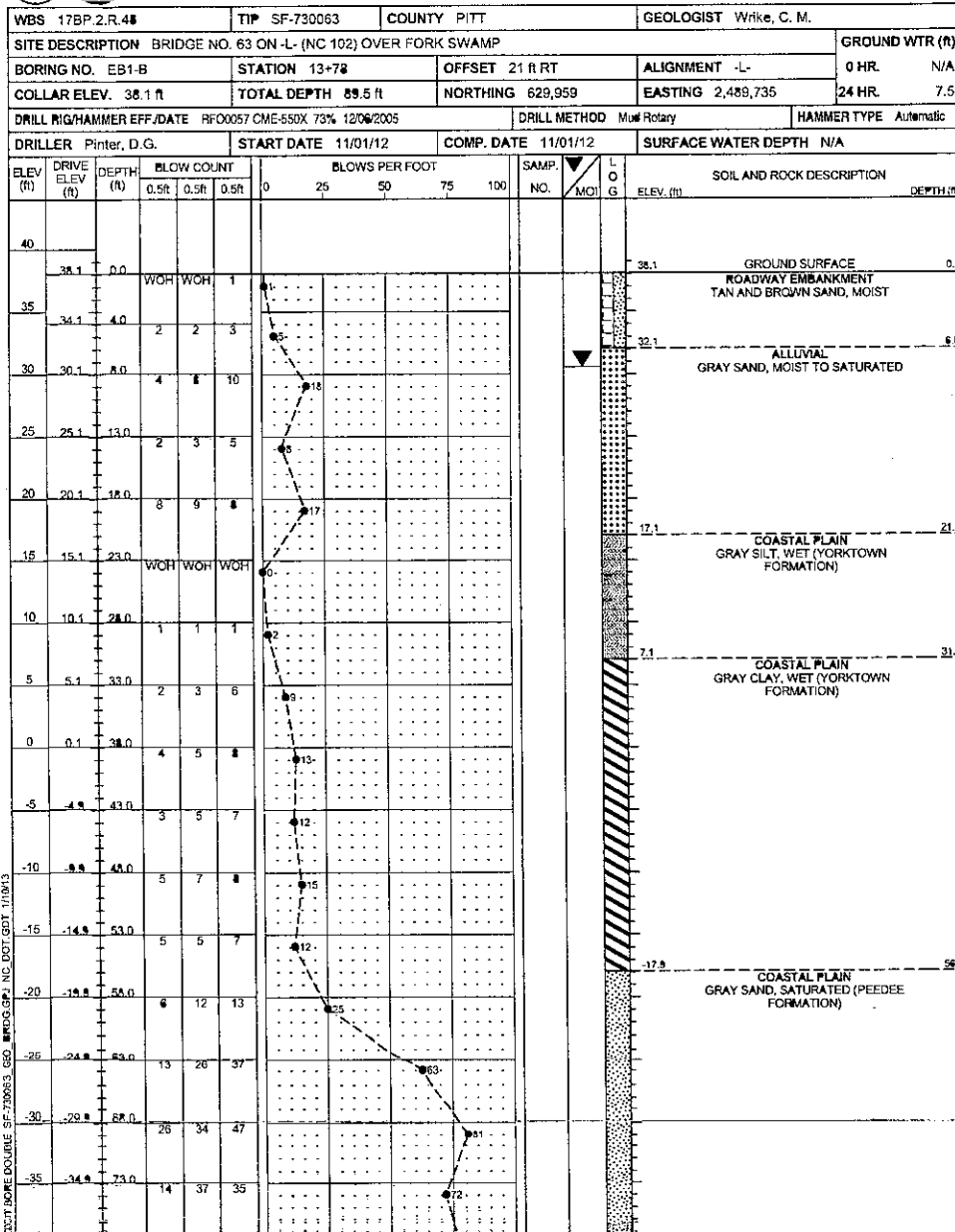


NOTE: GROUNDLINE PROFILE ALONG -L- TAKEN FROM BRIDGE SURVEY AND HYDRAULIC DESIGN REPORT DATED: 09/24/12.

NOTE: INFERRED STRATIGRAPHY IS DRAWN THROUGH THE BORINGS WITH BOTH PROJECTED ONTO PROFILE.

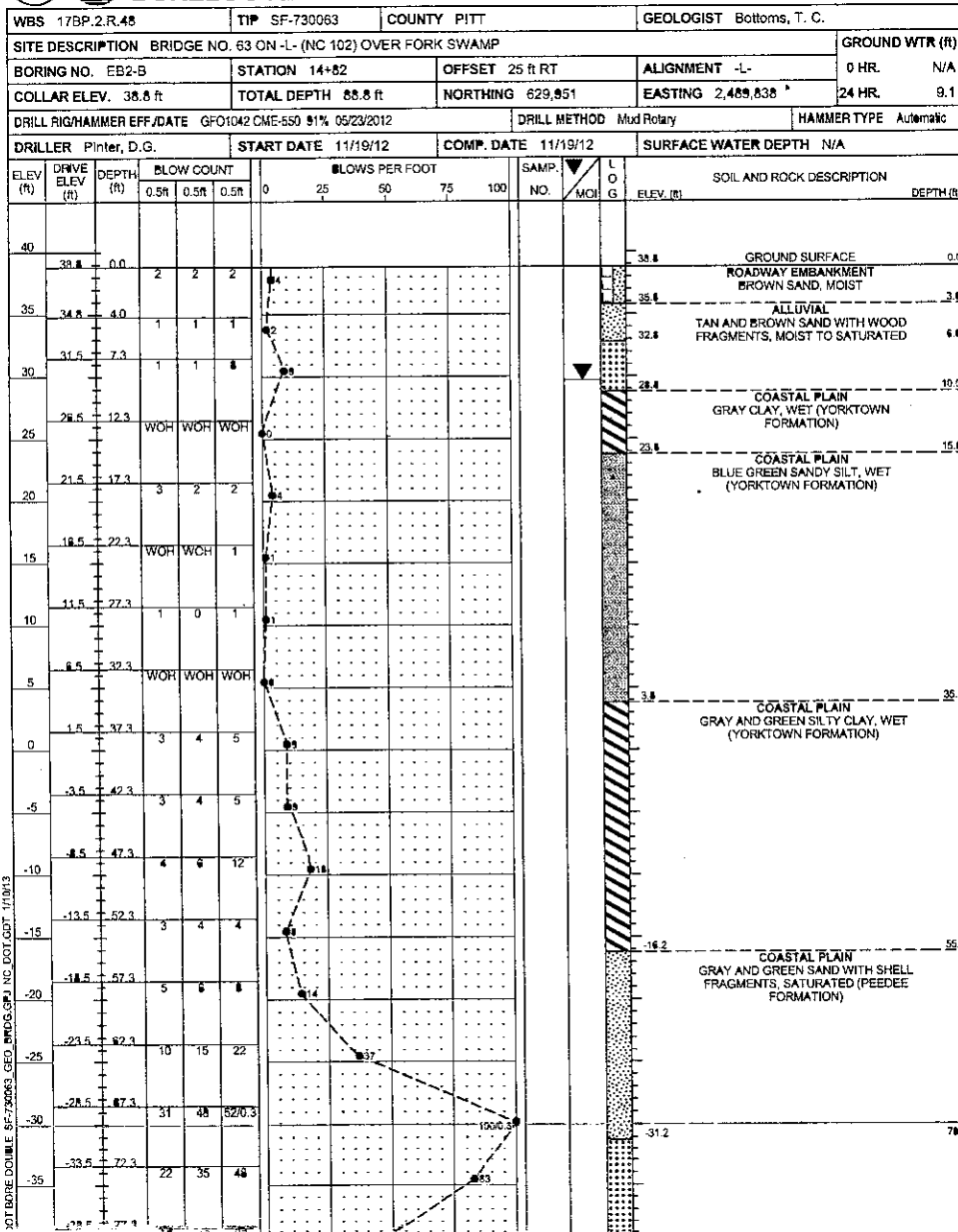
5/11/12
 J. L. Jones
 CIVIL ENGINEER
 PROJECT NO. SF-730063
 SHEET NO. 4 OF 6
 DRAWING TITLE: PROFILE THROUGH BORINGS PROJECTED ALONG -L-
 DATE: 05/11/12

NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

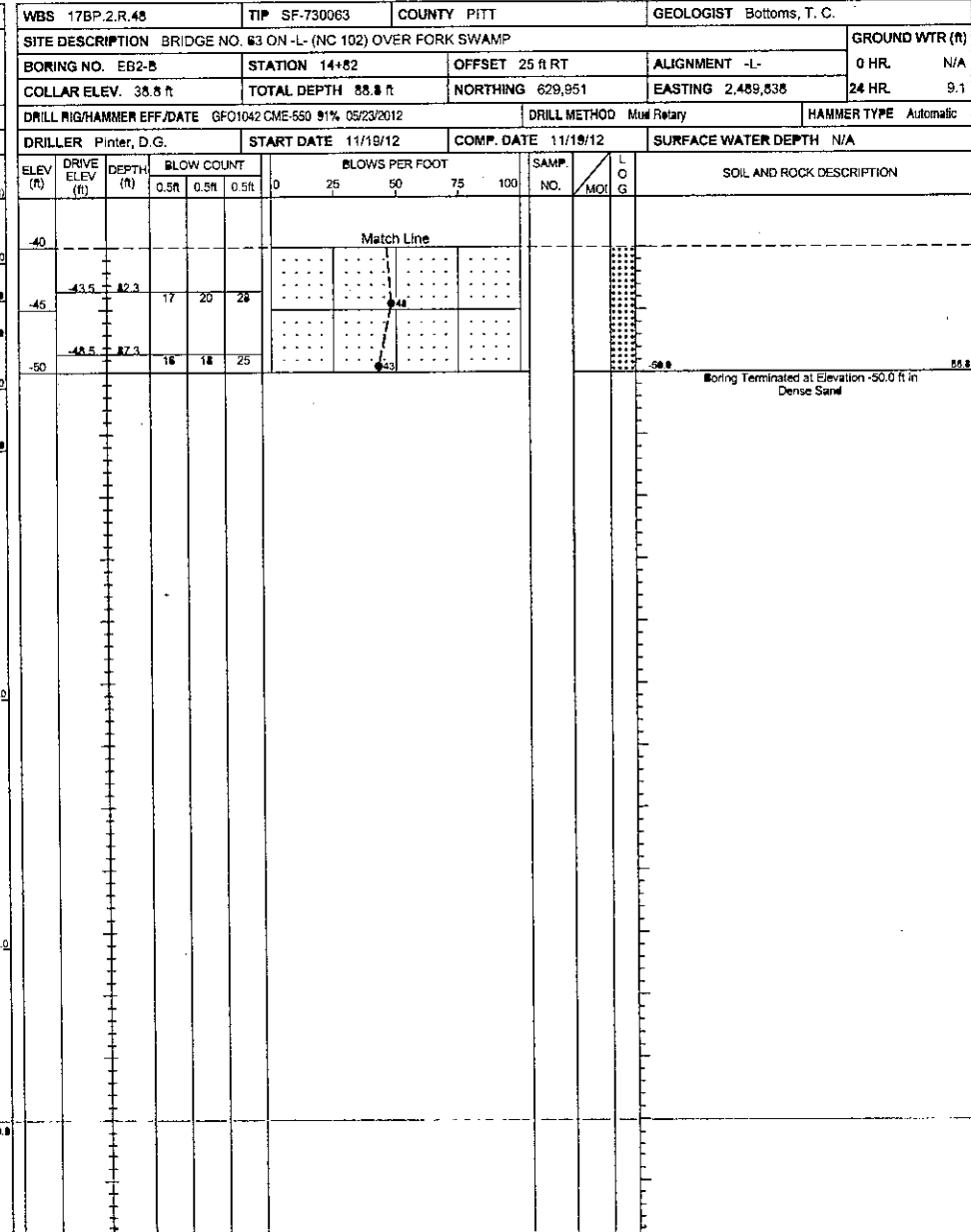


1001 BORE DOUBLE SF-730063 GEO. DRGG GP. 1. NC DOT.GOT. 11/01/12

NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT



DOT BORELOG FILE SF-730063_GEO_BMD.G.PDF, NC DOT, 11/19/12



Boring Terminated at Elevation -50.0 ft in Dense Sand