



**ECS Southeast, LLP**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
9104013288  
9103230539

**LETTER OF TRANSMITTAL**

October 18, 2023  
W.S. Wellons Realty  
PO Box 766  
Spring Lake, NC 28390  
ATTN: Chandler Jones

RE: **Lot 135 HLN**  
ECS Job # **33:6230-J**  
  
Permits:  
Location: **70 Sugarberry pl**  
**Spring Lake, NC 28390**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 1      10/17/2023



**OCT 18 2023**

Jack Cowsert, P.E.  
Office Manager

Aaron Kyle Adair  
Team Leader

*Disclaimer*

1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.
2. The information in this report relates only to the activities performed on the report date.
3. Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.
4. Incomplete or non-conforming work will be reported for future resolution.
5. The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.



ECS Southeast, LLP  
6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
(910) 401-3288 [Phone]  
(910) 323-0539 [Fax]

# FIELD REPORT

Project **Lot 135 HLN**  
Location **Spring Lake, NC**  
Client **W.S. Wellons Realty**  
Contractor **W.S. Wellons Realty**

Project No. **33:6230-J**  
Report No. **1**  
Day & Date **Tuesday 10/17/2023**  
Weather **60 °/ Sunny**  
On-Site Time **1.50**  
Lab Time **0.00**  
Travel Time\* **0.00**  
Total **1.50**  
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>11:30A</b>	<b>1:00P</b>

\* Travel time and mileage will be billed in accordance with the contract.

**Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.**

ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the monolithic slab foundation. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing sub grade elevation. Test results indicated that the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

ECS will return upon request.



Chris Johnson  
10/17/2023  
Lot 135 HLN  
Proj #: 6230-J  
W/O # 74784

**Key (NTS)**  
DCP Test Location



NORTH



## Report of Spread Footing - Foundation Observations

Project: Lot 135 HLN  
 Location: 70 Sugarberry pl  
 Spring Lake - Cumberland - NC - 28390  
 Contractor: W.S. Wellons Realty

Project No.: 33:6230-J  
 Day/Date: 10/17/2023

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts # of Blows / Increment	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)				
1	Front left of house pad if facing from road	x x	x x	N/A	N/A		(0,-1)red sand (-2)black sand (-3)grey/black sand	6 (0)4,4,5 (-1)5,7,7 (-2) 4,5,6 (-3)6,7,10	2000
2	Front right of house pad if facing from road	x x	x x	N/A	N/A		(0,-1)red sand with trace of clay (-2,-3) black/brown sand	6 (0)4,6,6 (-1)3,4,6 (-2) 6,5,6 (-3)3,4,5	2000
3	Rear right of house pad if facing from road	x x	x x	N/A	N/A		(0)red sand (-1,-2)brown sand (-3)grey/brown sand	6 (0)3,4,7 (-1)5,8,9 (-2) 4,4,4 (-3)5,4,6	2000
4	Rear left of house pad if facing from road	x x	x x	N/A	N/A		(0,-1)red sand (-2)red sand with trace of clay (-3) brown sand with trace of clay	6 (0)5,7,8 (-1)4,6,6 (-2) 3,5,8 (-3)5,4,5	2000

\*\* SGE: Subgrade Elevation to be determined by surveyor.

By: Christopher H Johnson

ECS Southeast, LLP

WO: 74784