



ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
F 910.323.0539

LETTER OF TRANSMITTAL

January 07, 2025
JW Sealey and Associates, Inc

Wade, NC 28395
ATTN: Sara Sealey

RE: **South Creek- Lot 102**
ECS Job # **33:7154-A**

Permits:
Location: **244 Hazelwood Road**
Lillington, NC 27546

Field Reports For your use As requested

CC:

ENCL: Field Report # 2 1/7/2025



JAN 07 2025

Jack Cowsert, P.E.
Office Manager

Robert T. Harrigan
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, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
F 910.323.0539

FIELD REPORT

Project **South Creek- Lot 102**
Location **Lillington, NC**
Client **JW Sealey and Associates, Inc**
Contractor **None Listed**

Project No. **33:7154-A**
Report No. **2**
Day & Date **Tuesday 1/7/2025**
Weather **31 °/ Sunny**
On-Site Time **1.25**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.25**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			8:30A	9:45A

* 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 arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for stem wall backfill. Please see the attached sketch and data sheet for details.

A total of 3 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 of 2,000 psf.

ECS will return upon request to provide additional services.



ECS Southeast, LLC
 Fayetteville, NC
 Phone: 910-401-3288

DYNAMIC CONE PENETROMETER TEST REPORT

Address: 244 Hazelwood Dr				Design Bearing Capacity: 2000 psf				
Project No: 7154 – A				Stem Wall Backfill				
Technician: Jacob Jackson								
Date: 1/7/2025								
Test Location	Water Table Depth	Test Depth	Footing Dimensions	Penetrometer Blow Counts				Remarks/Soil Descriptions
				1 3/4"	1 3/4"	1 3/4"	Average	
1		0		11	12	10	11	Orange Clayey Sand
1		-1		10	8	6	7	Orange Clayey Sand
1		-2		15				Grey Clayey Sand
1		-3		15				Grey Clayey Sand
2		0		13	10	12	11	Orange Clayey Sand
2		-1		15				Orange Clayey Sand
2		-2		15				Grey Clayey Sand
2		-3		15				Grey Clayey Sand
3		0		15				Orange Clayey Sand
3		-1		9	6	8	7	Orange Clayey Sand
3		-2		15				Grey Clayey Sand
3		-3		15				Grey Clayey Sand

