

Clayton Homes
12021 Andrew Jackson Hwy
Laurinburg, NC 28352

02/19/2021

Attention : Elizabeth Rockwell

RE: Daily Field Report for 02/17/2021
18446 NC 27 West (CMT) Cameron, NC
Building & Earth Project No : RD210063

Ladies and Gentlemen:

On this date, representative(s) of Building & Earth were present to perform construction material testing services at this project site. Our testing and observations for this date include the following:

FO-1 : Field Observations made on this date.

- DCPs Testing

For Information Only

Comment 1 : Results: Based on our observations and test results, the required bearing capacity of 2,000 psf is available at Test Location #1 and #2 on this date. However, bearing capacity of 2,000 psf is not available at Test Location #3 to a depth of -2' (Back Right Corner) as we encountered loose/wet soils. See attached photos.

Closing

The testing and observations identified above have been reviewed by our project manager. If you have questions regarding this information, please do not hesitate to contact us.

Respectfully Submitted,
Building & Earth Sciences, LLP

Enclosures : FO-1

Field Observations Report

Project Name: 18446 NC 27 West (CMT) Cameron, NC	Project Number: RD210063
Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

1 : DCPs Testing

Our technician was onsite to perform a foundation bearing grade inspection for the residential home. Note that we were not able to perform testing below the bottom of the footing due to the house is existing. Excavations were complete upon our arrival onsite and the bearing soils appeared to be relatively flat, free of organic material and debris. Bearing soils appeared to consist mostly of moist brown clayey sand. No standing water was noted on the bearing surface. Hand rod probing of the bearing material showed an average penetration of approximately 2-6 inches. Our representative performed Dynamic Cone Penetration (DCP) testing in general accordance with ASTM STP-399 at one representative location to a depth of 36 inches. Water was not observed within the DCP borehole.

The following information provides the results of our hand auger boring and DCP testing:

Test 1: Back Left Corner 2' from pier

```
-- Depth----"N"-----Soil Color-----USCS-----Notes:
-- FSG --- 9 ----- Brown ----- SC ----- Moist
-- -1' ---- 15+ ---- Brown ----- SC ----- Moist
-- -2' ---- 12 --- Blackish tan ----- SC ----- Moist
-- -3' ---- 13 --- Blackish tan ----- SC ----- Moist
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Test 2: Back Middle 2' from pier

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-- Depth----"N"-----Soil Color-----USCS-----Notes:
-- FSG --- 11 ----- Brown ----- SC ----- Moist
-- -1' ---- 15+ ---- Brown ----- SC ----- Moist
-- -2' ---- 15+ --- Blackish tan --- SC ----- Moist
-- -3' ---- 15+ --- Blackish tan --- SC ----- Moist
```

Test 3: Back Right Corner 1' from pier

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-- Depth----"N"-----Soil Color---USCS-----Notes:
-- FSG --- 1 ----- Brown ----- SC ----- Moist
-- -1' ---- 1.5 ---- Brown ----- SC ----- wet
-- -2' ---- 2 --- Blackish tan ---- SC ----- Wet
-- -3' ----- 9 --- Blackish tan ---- SC ----- Wet
```

*FSG = Finished Subgrade

Results:

Based on our observations and test results, the required bearing capacity of 2,000 psf is available at Test Location #1 and #2 on this date. However, bearing capacity of 2,000 psf is not available at Test Location #3 to a depth of -2' (Back Right Corner) as we encountered loose/wet soils. See attached photos.

Comments

Rachael Heath

Reviewed By

Field Observations Report

Project Name: 18446 NC 27 West (CMT) Cameron, NC	Project Number: RD210063
Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

Comment	Log Date	Log Time
Results: Based on our observations and test results, the required bearing capacity of 2,000 psf is available at Test Location #1 and #2 on this date. However, bearing capacity of 2,000 psf is not available at Test Location #3 to a depth of -2' (Back Right Corner) as we encountered loose/wet soils. See attached photos.	02/19/2021	11:50:56


Rachael Heath

Reviewed By

Field Observations Report

Project Name: 18446 NC 27 West (CMT) Cameron, NC	Project Number: RD210063
Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

Photographs

Picture ID	Open ditch in front yard
26452	 <p>The photograph shows a long, narrow, open ditch dug into the ground in front of a house. The ditch is filled with dark soil and some debris. The house has light-colored siding and a window with dark shutters. A teal text box is overlaid on the right side of the photo with the text 'open ditch in front yard'.</p>


Rachael Heath

Reviewed By

Field Observations Report

Project Name: 18446 NC 27 West (CMT) Cameron, NC	Project Number: RD210063
Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

Photographs

Picture ID	Open ditch front yard 2
26453	


Rachael Heath

Reviewed By

Field Observations Report

Project Name: 18446 NC 27 West (CMT) Cameron, NC	Project Number: RD210063
Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

Photographs

Picture ID	Back Right DCP
26454	

Field Observations Report

Project Name: 18446 NC 27 West (CMT) Cameron, NC	Project Number: RD210063
Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

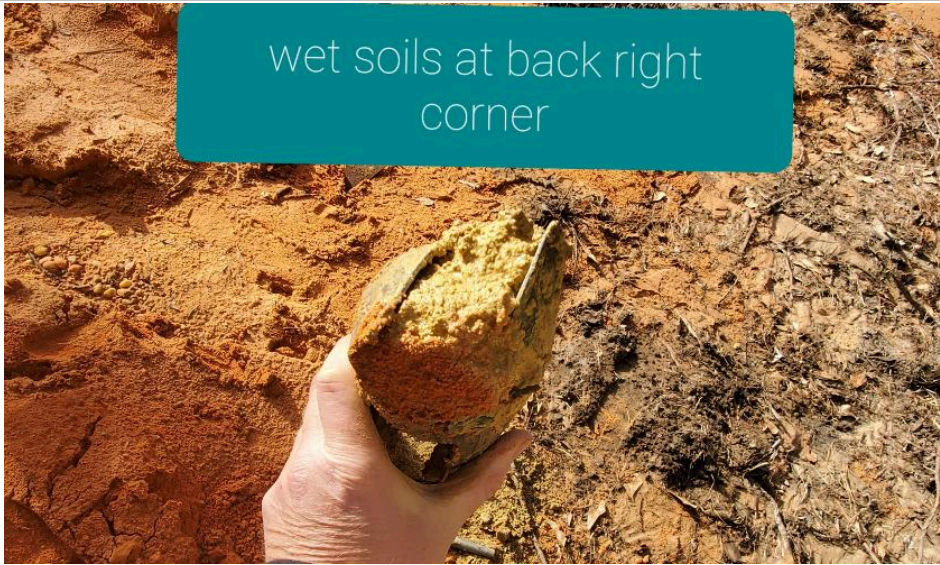

Photographs

Picture ID	Sketch
26483	

Field Observations Report

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Client Name: Clayton Homes	Placement#: FO-1
Contractor: Clayton Homes	Technician: Frank Hamlin
Monitoring: DCP	

Photographs

Picture ID	Caption
26449	<p>Wet soils from back right</p> 
26451	<p>Middle DCP</p> 

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Photographs

