



June 26, 2021

Clayton Homes  
1921 Keller Andrews Rd.  
Sanford, NC 27330

Attention: Mr. Stephen Wheeler

Reference: Subgrade Evaluation for Proposed 16 ft. by 76 ft. Mobile Home  
133 Forest Dr., Cameron, NC  
Project No. 021mh51, Harnett County Permit No. BRES 2103-0012

Dear Mr. Wheeler:

Thank you for using Piedmont Geotechnical to conduct the evaluation for your project. As requested, the site was visited on June 14, 2021 and June 16, 2021 to evaluate the subgrade conditions for the above referenced off-frame Modular home.

The site was visited on June 14, 2021 and June 16, 2021. The proposed building area and about 4 ft. horizontally beyond the building limits in each direction were properly strip of topsoil and organics. The soil was tested within the proposed building area with a Static Cone Penetrometer (SCP) test and was found to be of adequate bearing capacity to support the proposed loads of the fill and the home. A sample of the compacted fill was tested at a certified testing laboratory and was found to have a maximum dry density of 124.9 pcf and an optimum moisture content of 8.8%. Upon arrival on June 16, 2021, the building pad had been completed. The fill and underlying residual soil beneath the fill were tested at (2) holes augered through the fill and into the residual soil and the SCP testing was conducted at the surface on an approximate 5 ft. grid.

Based on testing, observation and implementation of the recommendations, it is my professional finding that the subgrade prepared for the mobile home at 133 Forest Dr., Cameron, NC (Harnett County Permit No. BRES 2103-0012) is adequate to support the proposed loads (2,000 psf.) of the home. Thank you for using Piedmont Geotechnical. If you should have any questions pertaining to this report, please call.

Sincerely,

A circular professional engineer seal for D. Allen Hughes. The seal contains the text "NORTH CAROLINA PROFESSIONAL ENGINEER STATE OF NORTH CAROLINA" around the perimeter. In the center, it reads "D. ALLEN HUGHES" and "022595". Below the seal, the date "June 26, 2021" is stamped. A handwritten signature of D. Allen Hughes is written over the seal.

D. Allen Hughes, P.E., President  
Piedmont Geotechnical, Inc. PA