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Geotechnical • Materials Testing • Forensic • Site Development • Surveying • Test Boring

DYNAMIC CONE PENETRATION REPORT

Client: Kristina Watson / Peter Ewashkow   Date: December 20, 2022
Contractor: ______________   Job No: 351-22
Project: Subgrade Analysis: Campbell Road, Vanceboro, NC
Location: Vanceboro, NC

Test No.	Test Location(s)	Test Date	Test Depth	Blows per 1-3/4" Increment			Approximate Bearing Capacity (PSF)
				1	2	3	
1	200 ft North of Flagged Corner, 100 feet East	12/20/22	2 feet	14	12	13	>2000
2	200 ft North of Flagged Corner, 100 feet East	12/20/22	4 feet	12	10	12	>2000
3	200 ft North of Flagged Corner, 100 feet East	12/20/22	6 feet	8	8	7	2000

COMMENTS & RECOMMENDATIONS

The augured borings were performed in accordance with ASTM D-1452.

The material encountered in the test hole consisted of topsoil to a depth of 8 inches underlain with a tan sandy clay to a depth of 4 feet. Below the sandy clay to a depth of 6 feet a dark tan poorly graded sand was encountered. Dynamic Cone Penetration test performed at 2 feet, 4 feet and 6 feet below the surface indicated the soils to have a bearing capacity more than 2000 pounders per square foot. These soil bearing capacity value meets the minimum values required for shallow foundations designed and constructed in accordance with the North Carolina Building Codes.

STATE OF NORTH CAROLINA PROFESSIONAL CARL C. HUDDLE 12/20/22

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