



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-2717	3B	47

Residual soils are the primary soil types encountered on the project. They consist of orange-tan, tan, red brown and brown, sandy silts (A-4) and silty clays (A-7-5, A-7-6). Cohesive soils are predominant and have poor to fair engineering properties. The plasticity indices range from moderate to high with 41 to 92% passing the number 200 sieve. Approximately 45 % of the cohesive soils have a PI of 30 or greater. These soils contain traces to low amounts of mica.

Saprolitic soils consist of tan and olive gray, silty sands (A-2-4), sandy silts (A-4) and silty clays (A-7-5). These soils contain traces to low amounts of mica. The plasticity indices for these soils typically range from low to moderate. Artificial roadway fill soils typically consisted of orange-tan, to red brown sandy clays (A-6) and silty clays (A-7-5). These soils were often mixed or had intermittent layers of sands and gravel. The plasticity indices for these soils generally range from moderate to high.

Respectfully submitted,

J. B. Barfield  
Project Geologist

CMG/JBB/kw  
File: 2717 inv.