State No. 33410.1.1 (B-4044) Geotechnical Report of Subsurface Exploration

Groundwater:

After completion of each boring, temporary piezometers (slotted PVC pipe) were installed in the boreholes. Piezometers were used to measure stabilized groundwater levels at least 24 hours after the completion of drilling. Groundwater elevations range between 1011 and 1008 feet. Groundwater was not encountered in EB2-A. Groundwater will typically conform to the level of the adjacent creek.

Closure:

The geotechnical foundation investigation is based on the Preliminary General Drawing dated August, 2004. If any significant changes are made in the design or location of the proposed structure, the subsurface information will have to be reviewed and modified as necessary. For soil descriptions and general stratification at a particular boring location, the respective Boring Log should be reviewed. Cross-sections and profiles are a generalized interpretation of soil conditions between borings and should not be considered accurate other than at the boring locations. Subsurface conditions between boring locations or elsewhere on the site may vary, and subsurface anomalies may exist which were not detected.

Geoscience Group, Inc. appreciates the opportunity to be of service to the NCDOT on this project. Should you have any questions concerning this report, please feel free to contact the undersigned.

Respectfully,

GEOSCIENCE GROUP, INC

Dean Hardister, PE Project Manager

James D. Hoskins, III. PE. Registered North Carolina

DH:JDH:dh

Enclosures