HAL JWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, 266 Old Coats Road Lillington, NC 27546-0400 Phone (910) 893-8743 / Fax (910) 893-3594

E-mail: halowen@earthlink.net

29 December, 2005

Mr. Ted Brown 2927 Hillmon Grove Road Cameron, NC 28326

Reference: Soil Investigation

Tract 1(4.57 Acres) and Tract 2 (1.06 Acres)

Dear Mr. Brown,

A site investigation has been conducted for the above referenced property, located on the eastern side of Joe Collins Road (SR 1258), Upper Little River Township, Harnett County, North Carolina. The purpose of this investigation was to determine each lot's ability to support a subsurface sewage waste disposal system and repair area for a typical three bedroom home. All sewage disposal ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." This report represents my professional opinion as a Licensed Soil Scientist but does not guarantee or represent permit approval for any lot by the local Health Department.

This property is composed of a mixture of soils that range from provisionally suitable to unsuitable for subsurface sewage waste disposal (see attached map). An area of provisionally suitable was located at the front of Tract 1 adjacent to Joe Collins Road. This soil area appears large enough to support an initial and repair subsurface sewage wastewater system for one residence. Due to clayey textured subsoils you should expect that 300 - 400 feet of conventional drainline would be required for the initial system. Tract 2 has an existing residence and existing system that appeared to be properly functioning on the day of investigation. Furthermore, there seems to be sufficient usable soil area remaining on the tract for 100% repair for the existing system. The unsuitable soil area encircling the existing pond is so rated due to excessive soil wetness, inadequate soil depth, and/or regulatory setbacks from surface waters. The ability to utilize alternative systems or make modifications to this area to allow for septic systems is minimal. Some of this area will likely support building foundations, and homes could be sited in this area.

I appreciate the opportunity to provide this service and trust that you will feel free to call on me again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,

Licensed Soil Scientist

