

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTIST

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1 October, 2002

Mr. Thomas E. Herbert
Mrs. Linda Herbert
1794 Old Stage Road
Erwin, NC 28339

Reference: Preliminary Soil Investigation
Linda C. Herbert Property, Lots 1 - 3

Dear Mr. and Mrs. Herbert,

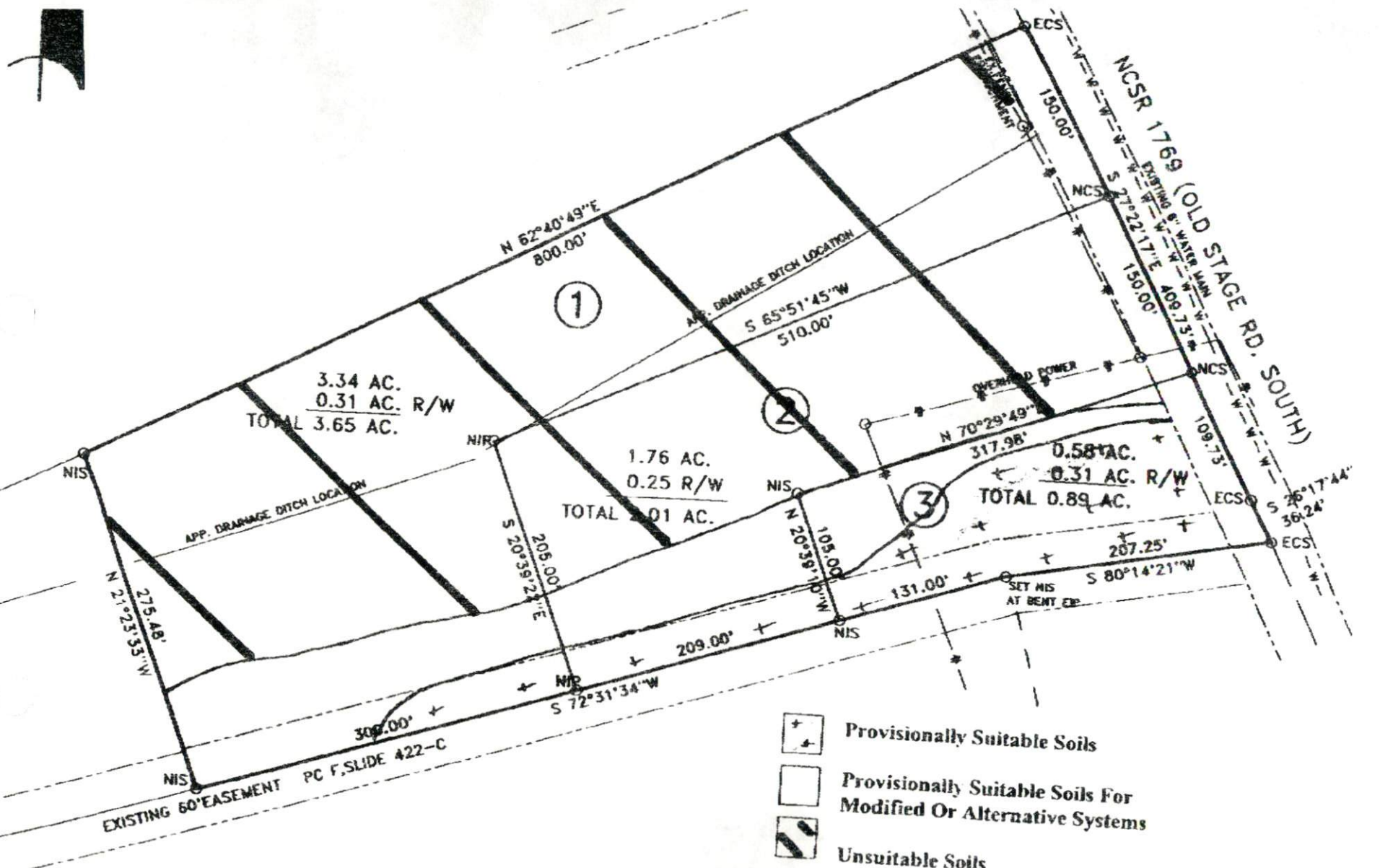
A preliminary soil investigation has been conducted at the above referenced property, located on the western side of Old Stage Road South (SR 1769), Grove Township, Harnett County, North Carolina. The purpose of the investigation was to determine each lot's ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is our understanding that individual septic systems and public water supplies will be utilized at this site. The soils under the existing 60-foot easement along the southern boundary of the property are provisionally suitable, as indicated on the attached map. However, the 30-foot wide strip of the easement that lies on your property is not eligible for subsurface sewage waste disposal.




Each lot was investigated and found to contain a significant area of provisionally suitable soils for subsurface sewage waste disposal. The area shown as provisionally suitable soils was observed to be firm clays to greater than 32 inches and the soils appear adequate to support long term acceptance rates of 0.3 gal/day/sqft. The area shown as provisionally suitable soils for modified or alternative systems was observed to be firm clays with soil wetness conditions ranging from 24 to 32 inches. These soils were observed on gentle slopes and appear adequate to support long term acceptance rates of 0.3 gal/day/sqft for shallow conventional drainlines. It appears that the soils on Lot 3 are adequate to support a gravity-driven conventional septic system and a repair area for one residence. It appears that Lots 1 and 2 will require pumps with their septic system designs and the soils appear adequate to support conventional or innovative type drainlines. Septic systems may be more difficult to design and alternative distribution techniques may be required due to the long, narrow shape of the usable soil area. Lots 1 and 2 appear adequate to support a septic system and repair area for one residence each.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,
Hal Owen
Hal Owen
Licensed Soil Scientist





-  Provisionally Suitable Soils
-  Provisionally Suitable Soils For Modified Or Alternative Systems
-  Unsuitable Soils

PRELIMINARY PLAT
 NOT FOR RECORDATION
 CONVEYANCES OR SALES