

Harold Kelly  
NC Licensed Soil Scientist, REHS, CPSS  
412 Clayton Ave.  
Roxboro, NC 27573  
(336) 322-4724 (office)  
(336-598-2382 (cell)

Guy Roth  
Julie Wright Land Development  
[Guyroth06@gmail.com](mailto:Guyroth06@gmail.com)

July 30, 2023

RE: Preliminary site/soil evaluation: 651 Old Halifax Road, Louisburg, NC/ Parcel ID: 041749 (47.47 acres)

Dear Mr. Roth:

At your request, a preliminary soil/site evaluation was conducted on the parcel referenced above. The evaluation was conducted to determine which portions of the 47.47 acre parcel would likely support the permitting and installation of septic systems. The evaluation was performed by walking the property, observing landscape features and vegetation, and making a series of soil auger borings to determine relevant soil characteristics. The site/soil evaluation was performed in accordance with NC .1900 Rules for Sewage Treatment and Disposal Systems.

The enclosed site sketch shows the approximate areas with *provisionally suitable* soils, and the approximate square footage. Provisionally suitable soils would support the installation of conventional or accepted septic systems. The areas appear to be dominated by soils that were greater than 30" in depth and exhibited acceptable soil characteristics with respect to texture, structure, mineralogy, and consistence. Generally a house (3 or 4 bedrooms) would require a provisionally suitable soils area 8,000 to 10,000 FT<sup>2</sup> in size for a septic system and repair area.

The areas on the site sketch designated as *unsuitable* would not support the installation of septic systems. These areas appear to be limited by topography, drainage and erosional features, soil depth to saprolite/weathered rock, expansive clay mineralogy, and soil wetness.

In summary, this preliminary soil/site evaluation was done to provide a general overview of the suitability of the properties for the installation of septic systems. The areas shown as *provisionally suitable* are an approximation and likely include some areas with unsuitable soil/site characteristics. Similarly, the areas shown as *unsuitable* will likely include some areas with *provisionally suitable* soil. These findings represent our professional opinion and are based on our observations of soil profiles and landscape features.

Thank you for the opportunity to provide you with this information. Please feel free to contact me if you have any questions (336-598-2382).

Sincerely,



Harold Kelly  
NC Licensed Soil Scientist





# GoMaps



July 24, 2023

1:8,230  
0 375 750 1,500 ft  
0 115 230 460 m

1" ~ 600'



**Parcel ID**

041749

**PIN**

2709-38-0693

**Owner Name**

EDWARDS BILLIE ANN DUKE

**Owner Mailing Address**

RALEIGH, NC 27614.00000000

**General Information**

Approximate Acres 47.47  
Land Value \$185,570.00  
Zoning FCO R-30

Map Reference  
Building Value \$0.00

**LAST SALE**

Date  
5/16/2012

Price  
\$0.00

Book  
1855

Page  
116



Franklin County  
Tax/GIS  
215 E. Nash Street  
Louisburg, NC 27549

**WARNING: THIS IS NOT A SURVEY.**

This map is prepared for the inventory of real property found within this jurisdiction, and is compiled from recorded deeds, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The County and mapping company assume no legal responsibility for the information contained on this map.