



SOIL SOLUTIONS, Inc.

2415 Old Harriman Hwy
Harriman, TN 37748

(865) 882-9387
(423) 569-1752

March 16, 2006

Mr. Chuck Fisher
Furrow Auction Company
1022 Elm Street
Knoxville, TN 37921

RE: Map 112 Parcel 6.02 Roane County

Dear Mr. Fisher:

Thank you for considering Soil Solutions, Inc. for your soil consulting needs. At your request, Soil Solutions, Inc. provided an On Site preliminary soils evaluation for a proposed Subdivision of a \pm 65 acre Tract on Highway 58 in Roane County, Tennessee identified as Tax Map 112 Parcel 6.02.

This property was both wooded and cleared, and was previously utilized as pasture for beef cattle. The soils on the property were predominately Fullerton (60-75 MPI) in the higher elevations of the property. There were also inclusions of Minvale (45 MPI) on footslopes, and Greendale (45 MPI) adjacent to drainways. No limestone rock outcrops were observed however there might be small inclusions of Collegedale (>75 MPI) located on the property. There also may be small inclusions of Tasso (75 MPI) that may have a seasonably high water table on some parts of the property. Tasso soils would require soils improvement practices (interceptor drains) to be suitable for Sub Surface Sewage Disposal Systems (SSDS). There were numerous drainways on the property that would require a minimum of a twenty – five foot setback from SSDS. Some areas adjacent to drainways would require greater setbacks due to High Water Table. Roane County generally requires a minimum of 10,000 square feet of suitable soil area for SSDS including duplicate area for SSDS repairs.

You have indicated that this property would be Subdivided into tracts of five acres or greater. Tracts of this size or greater should have adequate area for SSDS and duplicate area. This property has the potential to be a model development with proper planning.

Please feel free to contact for additional information or to schedule our services.

Respectfully,

Don DeSha
Soils Consultant