

# JOSEPH A HINTON

## JUSTSOILS53, PLLC

LICENSED SOIL SCIENTIST



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August 17, 2021

Remy Coeytaux  
124 Terrace Avenue  
Kentfield, California 94914

Dear Mr. Coeytaux,

### OBJECTIVE

JustSoils53, PLLC conducted a soil/site evaluation of Lot 4 portion of Parcel 6940-89-1502 located on Mountain Spring Road in Forsyth County to determine areas of soil and saprolite that have the potential to accommodate a conventional type ground absorption sewage treatment and disposal system to accommodate a single family residence.

JustSoils53, PLLC traversed the property observing the landforms (topographical features, drainage patterns, etc.) and soil conditions (soil horizons, depth, texture, structure, drainage, mineralogy, etc.) by extending borings with a hand auger and/or soils probe or pits. This evaluation was conducted in accordance with current soil science practices and technology and the soil and site criteria found in 15 A NCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems." A map of the area evaluated is enclosed.

### OBSERVATIONS

AREA A The surface layer to depths of 6 to 10 inches below ground surface (bgs) consists of loam. The structure appears to be granular with friable consistence. The subsurface layer to depths of 50 inches bgs consists of clay and clay loam. The structure of the clay appears to be moderate medium subangular blocky with firm, slightly sticky, slightly plastic consistence. The structure of the clay loam appears to be weak fine subangular blocky with friable, slightly sticky, slightly plastic consistence. The clay appears to be slightly expansive. Soil wetness conditions were not observed in the borings to a depth of 50 inches bgs. Slopes range from 8 to 14 percent.

*"What then shall we say to these things? If God is for us, who can be against us?" Romans 8:31*

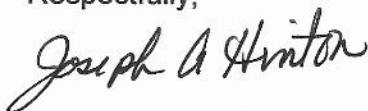
## FINDINGS

The soil properties and characteristics observed in AREA A meet the criteria found in 15 A NCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems" to be classified as provisionally suitable for the installation of a conventional type ground absorption sewage treatment and disposal system to accommodate a three bedroom single family residence or a 25% reduction type ground absorption sewage treatment and disposal system to accommodate a four bedroom single family residence. The recommended long-term acceptance rate is .3 gallons per day per square foot.

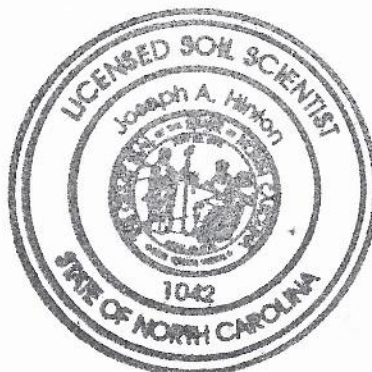
The Soil/Site Evaluation conducted discusses and describes the location of soils and saprolite to accommodate ground absorption sewage treatment and disposal systems for a single family residence. There are two options to obtain Improvement Permits and Construction Authorizations required to obtaining a building permit. Improvements Permits and Construction Authorizations can be obtained from the local health department. You need to submit an application for the permits to the local health department. The local health department will conduct a detailed evaluation to determine system size and layout, house location, driveway, well if applicable, etc. Improvements Permits and Construction Authorizations can be obtained from JustSoils53, PLLC per Session Law 2018-114. Contact JustSoils53, PLLC for fees.

JustSoils53, PLLC is pleased to offer you our professional services and look forward to assisting in any of your site analysis needs in the future. If you have any questions or require further assistance, contact me at 336-432-7551 or e-mail [josephinton@triad.rr.com](mailto:josephinton@triad.rr.com).

Respectfully,



Joseph A. Hinton, LSS  
JustSoils53, PLLC

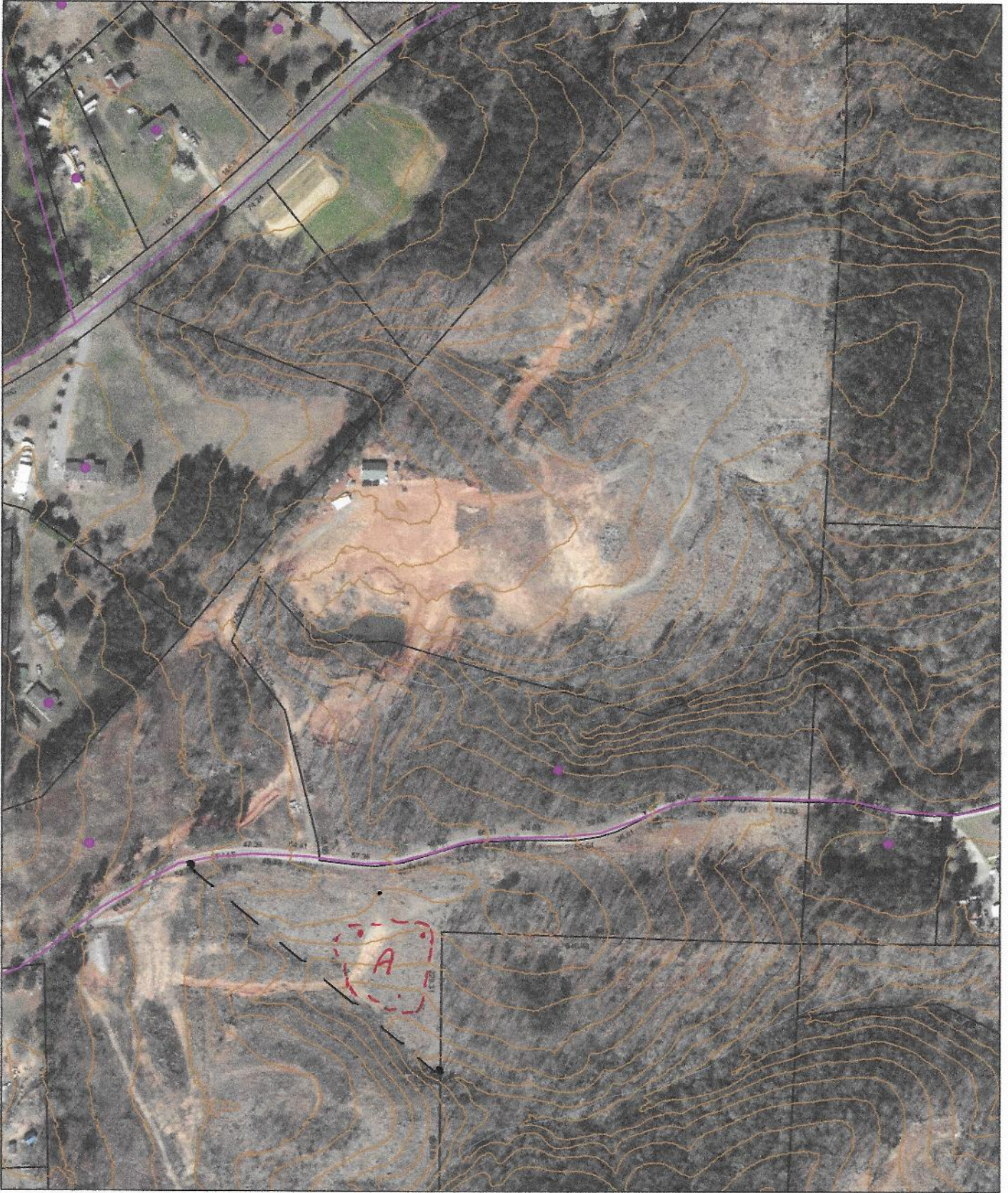


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*But those who trust in the Lord will receive new strength. They will fly as high as eagles. They will run and not get tired. They will walk and not grow weak. Isaiah 40:31*



# Planning & Inspections Viewer



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**Corporate Limits**

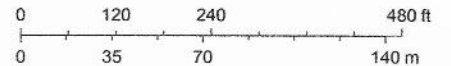
- Unincorporated
- Address Points
- Streams
- Ten Foot Topography

- Forsyth County Boundary
- Zoning
- Streets
- Parcels

**Parcels-Mailing Labels**

- 2018 Aerial Imagery
- Red: Band\_1
- Green: Band\_2
- Blue: Band\_3

1:2,400



MapForsyth, Forsyth County Tax Administration, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community