318 N.River Street
Calhoun, GA 30701
Telephone: (706) 624-1441
FAX (706) 624-1442

Environmental Health Services

Gordon County Health Department

February 20, 2007

Vijay Purugulla
[redacted]

RE: Talking Rock Creek Properties #13

Dear Mr. Purugulla:

The Gordon County Environmental Health Office has reviewed the soil test that you submitted to our office for review. The area classified as Junaluska soils (test pits 1, 2, 3 and 4) will be the area best suited for a conventional septic tank system. This is the area on top of the ridge, therefore your home needs to be situated so this area can be used for drainfield. If an area other than the front, near the cul de sac, is used for house placement, a sewage rated effluent pump may be needed to access the drainfield up slope.

The rules and regulations for septic tank systems, Chapter 290-5-26, states, "Slopes of more than 25 percent shall be considered unsuitable unless the application for the construction permit includes the results of a special investigation by a soil classifier which demonstrates that the slope limitation can be overcome by design or site modifications." This would pertain to the Tsali soils, 20% - 40% slope.

Please bring the original stamped copy of the soil test at time of application.

If you have any questions please call me at (706) 624-1440.

Sincerely,

CBlair

Christy Blair
Environmental Health County Manager

Cohutta Land Company LLC

Whitfield County Office
Phone: (706) 694-0982
Fax: (706) 694-0982

"A Soil and Land Evaluation Service"
P.O. Box 2316
Calhoun, GA 30703-2316

Gordon County Office
Phone: (706) 625-1456
Fax: (706) 625-9241

Soil Analysis Report

Date Evaluated 2/1/2007 **Level of Study** 3 (1-Reconnaissance, 2-Premilinary, 3-High Intensity, 4-Special Study)

Property Owner Vijay Purugulla

Owner Address [redacted] **Phone #**

City Woodstock **State** Ga **Zip** 30188 **Mobile/Pager #** [redacted]

Site Location Lot # 13 Brite Court 3.96 Acres TRCP **County** Gordon

TEST HOLE NUMBERS:

	#1	#2	#3	#4	#5	#6
Series Name	Junaluska	Junaluska	Junaluska	Junaluska	Tsali	
Slope Percentage	15	22	20	22	24	
Bedrock Depth (inches)	48-60"	48-60"	48-60"	48-60"	30-36"	
Seasonal High Water Table	>72"	>72"	>72"	>72"	>72"	
Suitability Code	a	a	a	a	h	
Estimated Percolation Rate	60mpi	60mpi	60mpi	60mpi	see codes	
Optimum Percoaltion Depth	24"	30"	30"	24-30"	6"	
Hydraulic Loading Rate					0.15	

ADDITIONAL COMMENTS:

REPORT FOOTNOTES:

* Soil borings for drawings are located primarily with a sub-meter grade Trimble GPS unit. Some small tracts may be located using one or more of the following: tape measures, pacing, range-finder readings, and compass readings. All borings are conducted using 2.75" or 3.25" hand soil augers and / or 4" power auger.
* Soil boundary lines are drawn by combining soils with similar properties and interpretations into a map unit. Map units are named for the dominant soil series found in the unit and the percent slope. The boundary line approximates the center of the transition zone between different soil map units and is not an exact separation of soils series.
* Due to variations in natural soil conditions and effects of uncontrolled construction practices, a positive report does not guarantee the future performance of septic system.
* Alterations through cutting and filling of suitable soils voids this report.
* Please note that all findings reported are based on professional opinion and do not imply approval or disapproval for permitting. Descisions and permitting are the responsibility of local Environmental Health Department.

SUITABILITY CODES:

A = Soil series should have ability to function as suitable absorption field with proper design, installation and maintenance.

C = Due to water table, flooding, and or drainage problems, there is a high probability of failure for conventional systems.

F = Normally considered unsatisfactory for use of conventional absorption fields.

H = Due to bedrock limitations, these soils are not suitable for conventional absorption fields. Please discuss alternative system options with your local Environmental Health Depart

I = Depth to bedrock is generally not sufficient to accommodate a septic system. However, soils with bedrock depths of 36 inches or greater or inclusions of other soils with sufficien may be suitable; test borings, pits, and saturated-soil hydraulic conductivity tests; or possibly percolation tests may be needed to determine this. These areas should have the abil function for drip-emitter systems

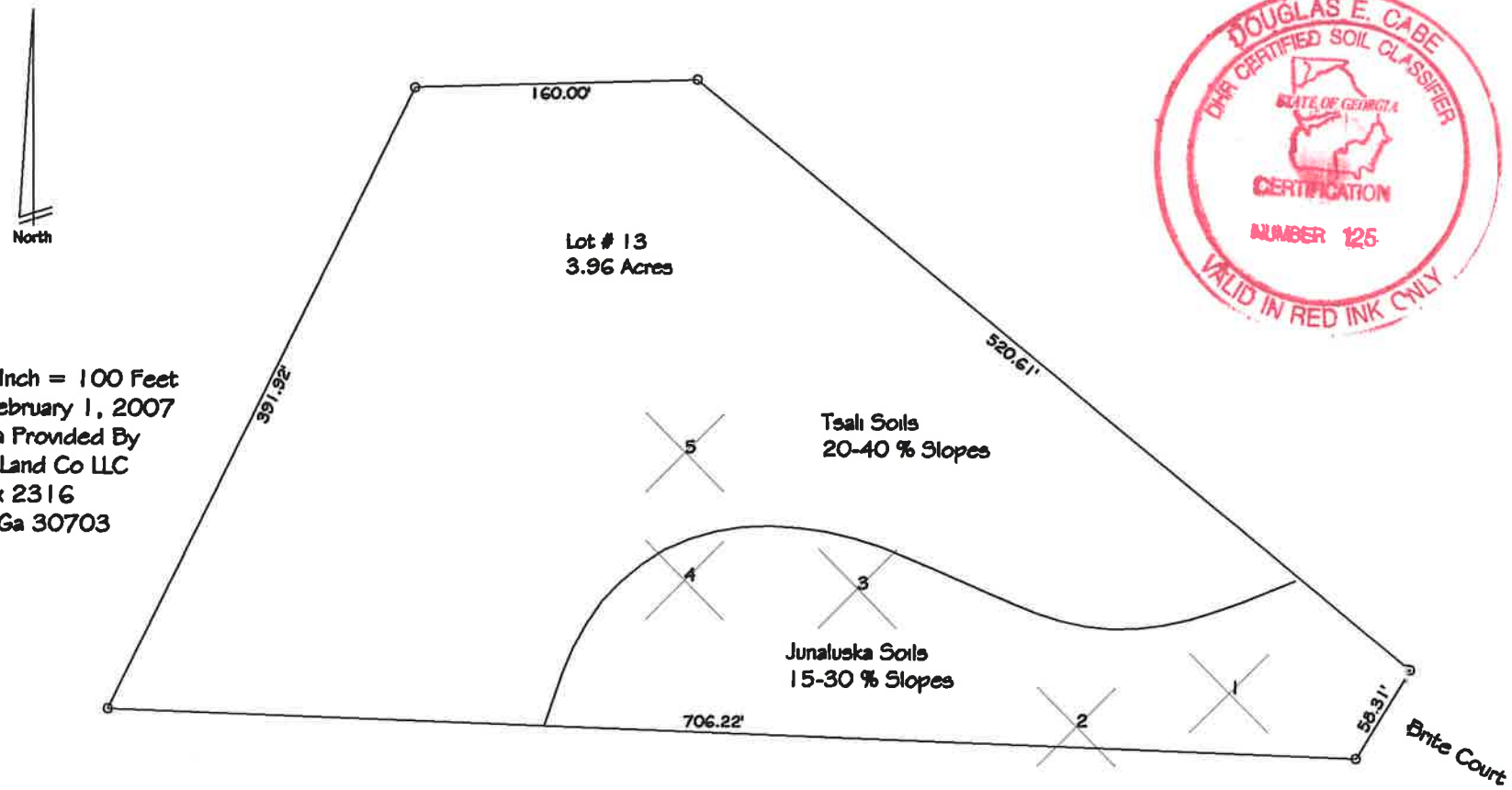
J = Due to very slow percolation rates, these soils are normally considered poorly suited for use as absorption fields. However, a qualified SoilClassifier may determine that a suita absorption rate and installation depth exits.

O = Due to variations in depth and thickness of restrictive layers, recommended installation depths should be determined on-site by a qualified Soil Classifier. An above site drainag system is recommended to intercept perched water associated with restricted layers.

M = Soils have the ability to function as suitable absorption fields. However, clayey subsoils result in brief perching of water and may cause temporary problems for absorption fields Shallow installation and proper diversion of surface water is reommended.

Q = Due to cutting and filling of soil materials, suitability should be determined on-site by a qualified Soil Classifier or from percolation tests.

Vijay Purugulla



Scale 1 Inch = 100 Feet
Date : February 1, 2007
Soil Data Provided By
Cohutta Land Co LLC
P.O. Box 2316
Calhoun Ga 30703

DOUGLAS E. CABE
DNR CERTIFIED SOIL CLASSIFIER
STATE OF GEORGIA
CERTIFICATION
NUMBER 125
VALID IN RED INK ONLY

Cohutta Land Company LLC

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Vijay Purugulla

Client Copy

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