

Georgia Department of Human Resources
SOIL DATA RECORD
Percolation, Water Table, and Soil Data

1. NAME OF PROPOSED DEVELOPMENT Future Residential Lot #1 Back of Lot
LOCATION OF PROPOSED DEVELOPMENT Cox Rd, between 1720+1740 Cox Rd
COUNTY Fulton LAND LOT 1082 LAND DISTRICT 2
2. OWNER OR SPONSOR Robert Howard TELEPHONE NO. 770 475 1297
OWNER OR SPONSOR'S ADDRESS: STREET 6050 Willis Orchard Rd CITY Cumming GA 30040

TEST HOLE NUMBER	PERCOLATION RATE-MIN/IN	TYPES OF SUBSOIL ENCOUNTERED	TEST HOLE NUMBER	PERCOLATION RATE-MIN/IN	TYPES OF SUBSOIL ENCOUNTERED
P-1	12 @ 48"	see item 6			
P-2	12 @ 48"	see item 6			
		(P-1 is N85°E 30' from boring 10)			
		(P-2 is N43E 63' from SW property IFF)			
TO ASSURE AGAINST THE POSSIBILITY THAT THE MEASURED PERCOLATION TEST DATUM DATA IS AN ANOMALY, IT IS MY PROFESSIONAL JUDGMENT THAT THE TRENCHES SHOULD BE SIZED USING A RATE OF 40 MINUTES PER INCH.			NOTE: Presence or absence of groundwater is a condition at the time of reading that may not be indicative of future or seasonal variations.		

4. If it appears that the ground water table may adversely affect the operation of individual sewage disposal systems at any time of the year, specify by lot numbers and indicate on topographic map the areas so affected. None suspected
5. If rock, shale, hardpan or similar formations occur as outcroppings or within a six foot depth on any of the lots in this proposed development, specify by lot numbers and indicate on the topographic map the areas affected. None suspected

PERC BORING NUMBER	SOIL DATA CONDITIONS
P-1	0-50" Redbrown Silty fine SAND, trace Mica, trace Clay, 50-100" Redbrown and Tan Silty fine SAND, some Mica, trace Clay, trace fine gravel.
P-2	0-40" Tan and Redbrown, Silty fine SAND, some Mica, trace Clay, 40-48" Tan and White, Silty fine SAND, trace coarse SAND, some fine gravel, some Mica, trace Clay.

6. I certify the above data was obtained under the supervision and is representative of existing soil conditions.
SIGNATURE John W. Stanhope TITLE Professional Engineer
ADDRESS 15900 Westbrook Rd, Alpharetta GA 30004 TELEPHONE NO. 770/664-5952
REG. NO. 011054 DATE Aug 19, 2005
Form 3885 (5-76) John W. Stanhope 7/5/07 Job No. 050819-1PC

GEOSCIENCES ENGINEERING, INC.
SOIL/ENVIRONMENTAL SCIENTISTS & ENGINEERS

August 26, 2004

Mr. Dave Parsons
445 Cullen Copse
Alpharetta, GA 30022

Subject: Soil Inspection Report - Level 3
3.4+/- Acre Tract off Cox Road
L.L. 1082; District 2
Fulton County, Georgia

Dear Mr. Parsons:

Geosciences Engineering, Inc. inspected the soils at the above-referenced property to evaluate their characteristics for conventional septic system construction. Fifteen hand auger borings were advanced at the approximate locations shown on the attached map.

The subject lot is predominantly comprised of soils that are classified as Alcovy, Helena, Louisville, Rion and Rawlings series. The estimated soil properties are tabulated below.

SOIL UNIT	DEPTH TO BEDROCK (in)	DEPTH TO HIGH WATER TABLE INDIC (in)	DEPTH TO OPTIMUM PERC (in)	ESTIMATED PERC. RATE (min/in)	SUITABILITY CODES
Alcovy	>72	>50	N/R	N/R	C
Helena	10-30	>72	N/R	N/R	F
Louisburg	50-60	>72	18-24	45	A
Rion	>60	>60	30-36	45	A
Rawlings	20-40	>60	N/R	N/R	I

* All depth references are with respect to the original grade at the time of this inspection.

Suitability Codes

A - These soils should have the capacity to function as suitable media for conventional septic system absorption fields, provided the system is properly designed, installed, and maintained.
C - Due to high seasonal water table and/or flooding conditions, these soils are considered marginal/unsuitable for conventional septic system construction. An alternative system should be considered for these soils.
F - Normally considered unsuitable for septic system absorption fields due to severe wetness problem.
I - Depth to bedrock is generally not sufficient to accommodate a conventional septic system. A bedrock should be used to evaluate the rock conditions if this area is to be used for an absorption field. These areas should have the capacity to function for an alternative system.

Please let us know if there are any questions or comments regarding this report.

Sincerely Yours,

GEOSCIENCES ENGINEERING, INC.

G.H. (Sam) Asady, Ph.D., P.E., GPS
President

109 ANDERSON STREET, SUITE 105, MARIETTA, GEORGIA 30060 TEL. (770) 428-4070 FAX (770) 428-9570

Georgia Department of Human Resources
SOIL DATA RECORD
Percolation, Water Table, and Soil Data

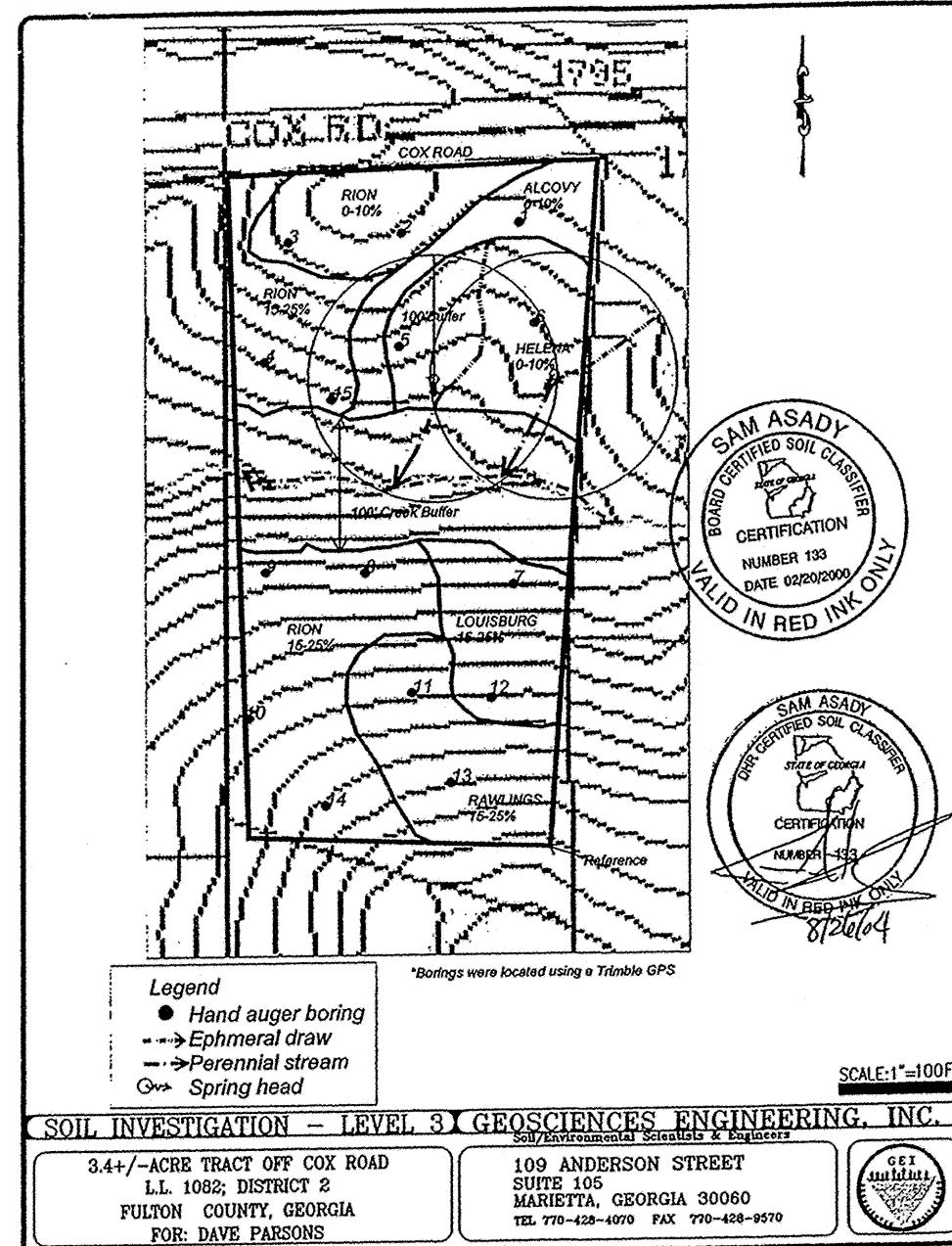
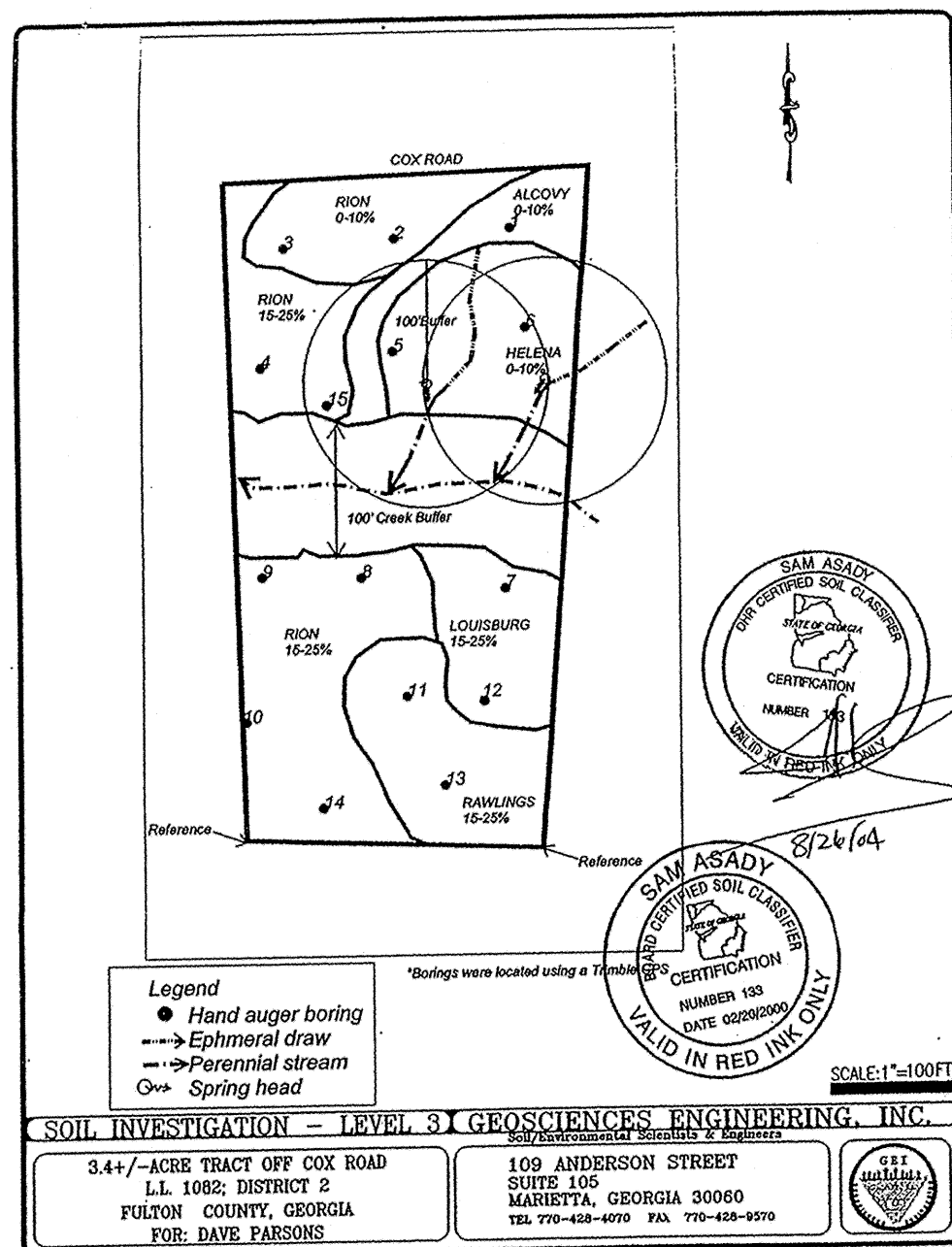
1. NAME OF PROPOSED DEVELOPMENT Future Residential Lot #2 Front of Lot
LOCATION OF PROPOSED DEVELOPMENT Cox Rd between 1720+1740 Cox Rd
COUNTY Fulton LAND LOT 1082 LAND DISTRICT 2
2. OWNER OR SPONSOR Robert Howard TELEPHONE NO. 770 475 1297
OWNER OR SPONSOR'S ADDRESS: STREET 6050 Willis Orchard Rd CITY Cumming GA 30040

TEST HOLE NUMBER	PERCOLATION RATE-MIN/IN	TYPES OF SUBSOIL ENCOUNTERED	TEST HOLE NUMBER	PERCOLATION RATE-MIN/IN	TYPES OF SUBSOIL ENCOUNTERED
P-3	12 @ 36"	see item 6			
P-4	32 @ 36"	see item 6			
		(P-3 @ boring 2)			
		(P-4 @ boring 3)			
TO ASSURE AGAINST THE POSSIBILITY THAT THE MEASURED PERCOLATION TEST DATUM DATA IS AN ANOMALY, IT IS MY PROFESSIONAL JUDGMENT THAT THE TRENCHES SHOULD BE SIZED USING A RATE OF 40 MINUTES PER INCH.			NOTE: Presence or absence of groundwater is a condition at the time of reading that may not be indicative of future or seasonal variations.		

4. If it appears that the ground water table may adversely affect the operation of individual sewage disposal systems at any time of the year, specify by lot numbers and indicate on topographic map the areas so affected. None suspected
5. If rock, shale, hardpan or similar formations occur as outcroppings or within a six foot depth on any of the lots in this proposed development, specify by lot numbers and indicate on the topographic map the areas affected. None suspected

PERC BORING NUMBER	SOIL DATA CONDITIONS
P-3	0-36" Redbrown and Tan, Silty fine SAND, some Mica, trace Clay.
P-4	0-36" Redbrown silty fine sand, trace Mica, trace Clay.

7. I certify the above data was obtained under the supervision and is representative of existing soil conditions.
SIGNATURE John W. Stanhope TITLE Professional Engineer
ADDRESS 15900 Westbrook Rd, Alpharetta GA 30004 TELEPHONE NO. 770/664-5952
REG. NO. 011054 DATE Aug 19, 2005
Form 3885 (5-76) John W. Stanhope 7/5/07 Job No. 050819-2PC

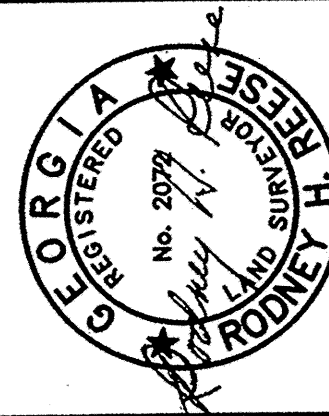


OWNER/DEVELOPER:
ROBERT B. HOWARD
AND MARY W. HOWARD
115 WINDFALL COURT
ALPHARETTA, GEORGIA, 30004
CONTACT: ROBERT HOWARD
PHONE: 770-475-1297

BRUMBELOW-REESE & ASSOC., INC.

LAND SURVEYING SERVICES
GEORGIA REGISTRATION NO. 2072

13685 HIGHWAY 9
ALPHARETTA, GEORGIA 30004-3616
PHONE (770) 475-6817
FAX (770) 569-4948
EMAIL --BRASSINC@COMCAST.NET



MEMBER OF S.A.M.S.O.G.

LOCATED IN:
LAND LOT(S): 1082
DISTRICT: 2, SECTION: 2
CITY OF: ROSWELL
COUNTY OF: FULTON
STATE OF: GEORGIA

HEALTH DEPARTMENT PLAN FOR
ROBERT HOWARD

DATE: JUNE 27, 2007

REVISIONS:

FIELD BY: SDR,DL

DRAWN BY: PPM

CHECKED BY: RHR

DRAWING: HOWARD-DIV

JOB NO. 2007-091

3
3