

SOIL INVESTIGATION REPORT

FOR ON-SITE SEWAGE MANAGEMENT SYSTEM

-- LEVEL FOUR --

Client: Mike Dugan, Blanchard and Calhoun
Client's Address:

SUBJECT PROPERTY

County: Columbia

Location: 1633 Old Harlem-Applying Rd; Parcel 5

[Tax map parcel 029 053F]

Description: wooded; gently sloping; 598 acre tract.

Date of Field Evaluation: Level-3, January 15, 2021; Level-4, June 20, 2024.
Soils Mapped By: R. Joslyn.

ESTIMATED SOIL PROPERTIES

SOIL SERIES	SLOPE *(%)	DEPTH to BEDROCK (in.)	DEPTH to SEASONAL HIGH WATERTABLE (in.)	RECOMMENDED TRENCH DEPTH (in.)	ABSORPTION RATE at RECOMMENDED TRENCH DEPTH (min./in.)	SUITABILITY CODE
	M	M		P	P	
Hard Labor	2-6	>72	30-42	NR	SEE CODES	C
Helena	2-6	>72	18-30	NR	SEE CODES	H
Colfax	0-2	>72	6-18	NR	SEE CODES	F
Wehadkee	0-2	>72	0-6	NR	SEE CODES	F

Soil descriptions available upon request.

M = Measured P = Predicted NR = Not Recommended

This soil report reflects soil conditions at the time of evaluation and is null and void if drainfield area is cut or filled after this date. This report does not infer a guarantee of performance for any installed septic system.

HEALTH DEPT. SUITABILITY CODES (TABLE CT-1, Ga. Manual for On-Site Sewage Systems, June 2019):

C. [HARD LABOR] Seasonal wetness, due to slowly permeable subsoil and position in landscape, makes areas of these soils unsuitable for conventional absorption fields. However, alternative designs may be considered incorporating aerobic pretreatment of the effluent and shallow-placed absorption lines (installation depth 18"; estimated percolation rate of 85 min/in).

H. [HELENA] Seasonal wetness, due to slowly permeable clayey subsoil, makes areas of these soils unsuitable for conventional drainfield designs. However, alternative designs incorporating aerobic pretreatment and drip-irrigation disposal fields can make these soils useable.

F. [COLFAX and WEHADKEE] Small floodplain along branch. A seasonally high water table, due to slowly permeable subsoil, makes areas of these soils unsuitable.

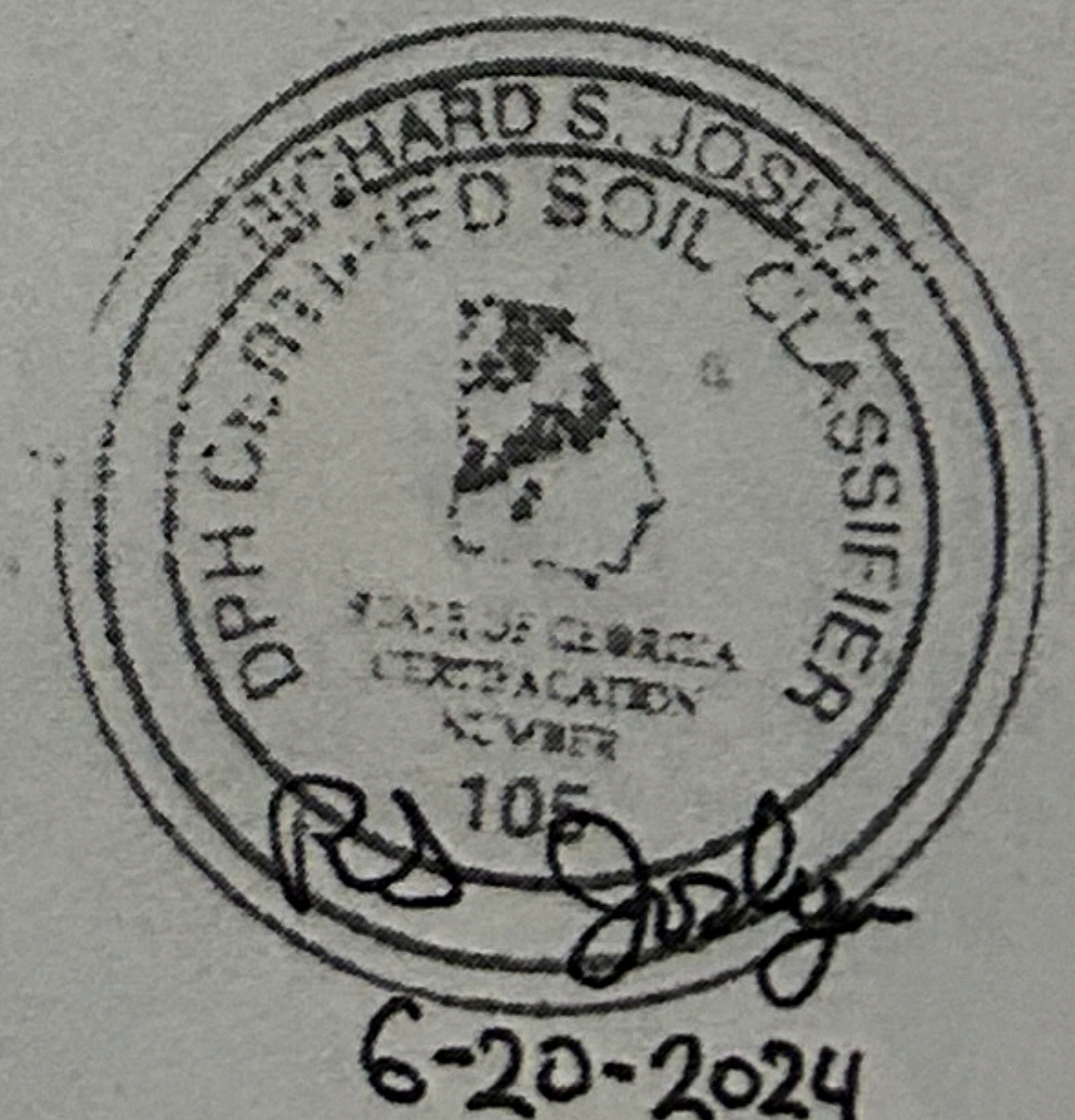
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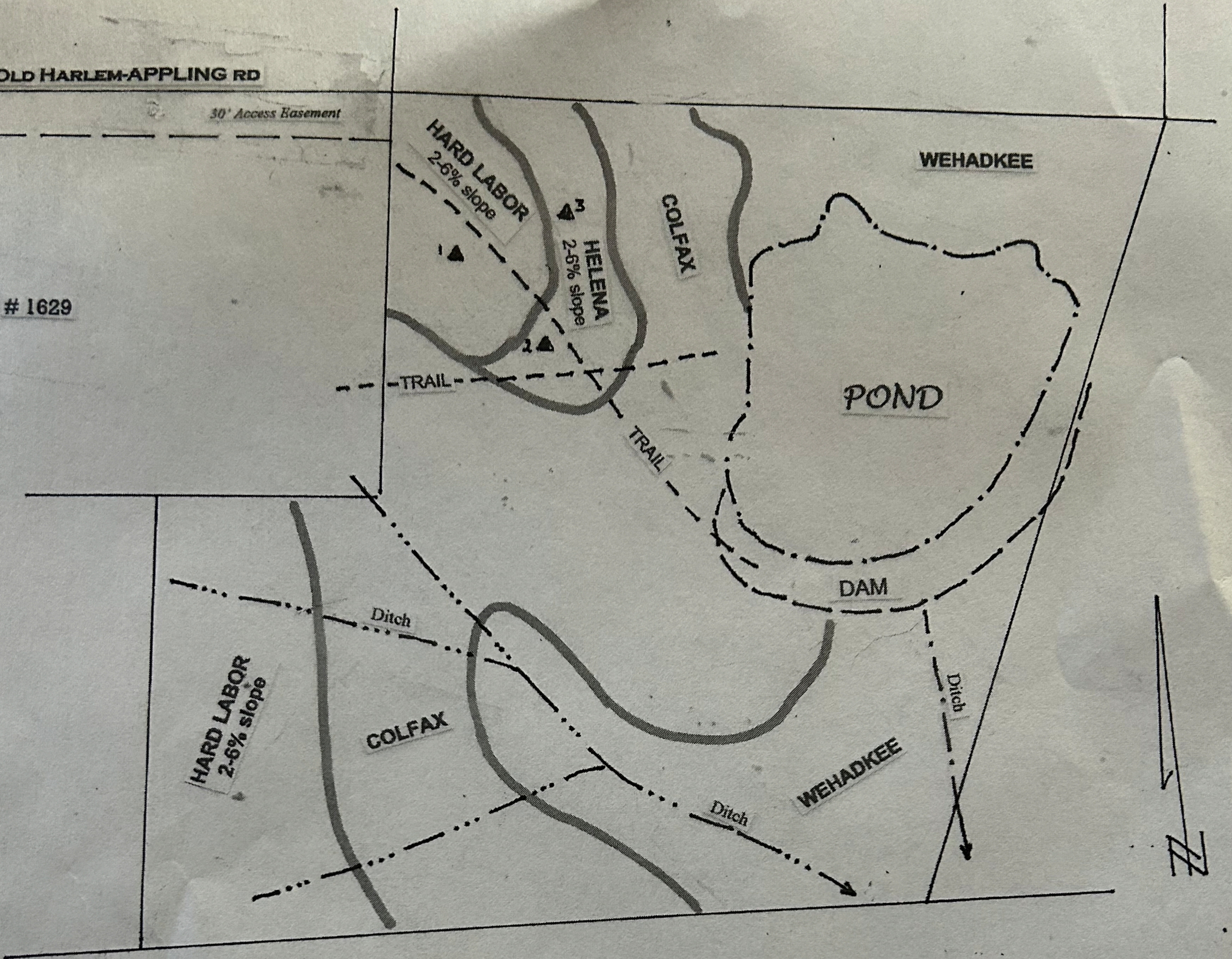
Telephone 706.444.7412



TO OLD HARLEM-APPLING RD

30' Access Easement

1629

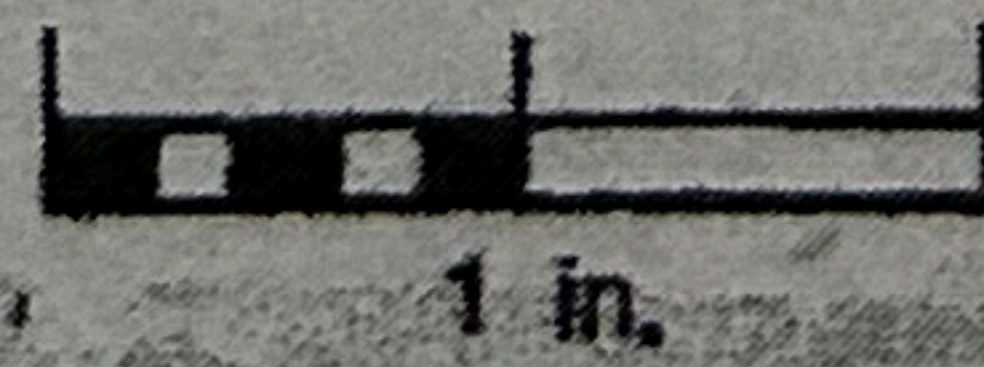


SOIL MAP

Scale: 1 in. = 100 ft.

LEGEND

- ← direction and percent of slope
- DRAINAGEWAY**
- ←... ephemeral
- ←- - - perennial
- ⚡ gully
- ∨ rock outcrop
- BACKHOE PIT
- ▲ SOIL BORING (marked in field with corresponding number)



Soil boring locations illustrated on the soil map were located using a *Garmin GPS60*.