

11208 IDLEWILD RD

19345104

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duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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MECKLENBURG COUNTY

Department of Environmental Health

September 18, 1987

Robert D. Ballard
105 Tayport Court
Cary, N. C. 27511

Dear Mr. Ballard:

A pre-preliminary investigation of soils and topograph was made on the property (parcel number 193-161-02) located on Idlewild Road. A soils map was prepared and a copy is enclosed.

The areas shaded yellow on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included are soils with expanding clay, complex slopes, drainageway depression areas, and shallow soils with clay subsoil horizons.

The soils with expanding clay have subsoil horizons that then to swell when wet, reducing soil pore space. This in turn restricts water movement through the soil. These soils are also shallow to saprolite, being less than thirty-six inches in depth. Slopes range to approximately fifteen percent.

The complex slope areas have been eroded to varying depths. The topography is quite irregular and not adaptable for the installation of septic tank systems.

The drainageway depression areas collect and channel surface water runoff from surrounding land areas. The soils in these areas have seasonal water tables that are less than thirty six inches in depth. Some spots have seasonal water at depths of eight to twelve inches. Some complex slopes are found along the fringes of these areas.

The shallow soils have clay subsoil horizons that are blocky with respect to structure. Depth to ground water is greater than thirty-six inches as is the depth to restrictive horizons. Slopes range to approximately fifteen percent. Depth to saprolite ranges from approximately fifteen to thirty-six inches. These soils are quite variable with respect to depth. Borings of soils deeper than thirty-six inches to saprolite were found. Additional investigation with established reference points would be needed to determine the extent of the areas with sufficient depth.

1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

The unshaded area appears to be dominantly acceptable for the installation of septic tank systems. These soils have clay subsoil horizons that are blocky with respect to structure. Depth to ground water and saprolite is greater than thirty-six inches. Slopes range to approximately fifteen percent.

Based on this investigation, there are soil soils which appear to be dominantly acceptable for septic tank system installation. Please not that this report does not express or imply individual lot approval. Individual lot approval is based in part on the satisfactory completion of a soil test of the particular lot with lot lines and corners established. Note also that soil delineations lines may be subject to changes pending additional investigation with established reference points. Inclusions of soils other than those delineated may occur.

Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

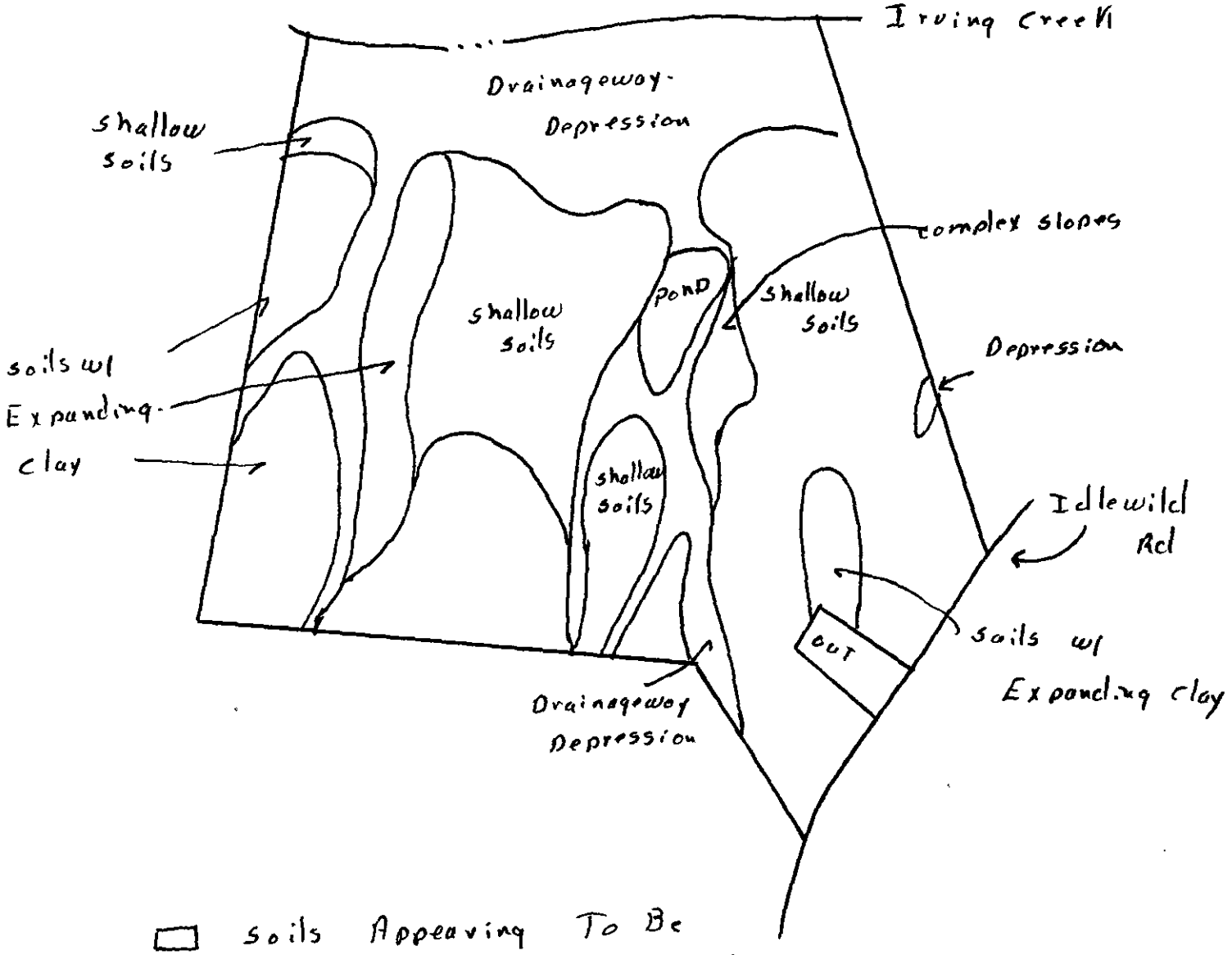
WRM/ir

Enclosure

File 3710A

9/18/87

Pre-Preliminary 193-161-02



☐ Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

☐ Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

W. R. Marlin

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 3710A

TC:

☐ PC ☐ REPT

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 13 1987
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: Property Surrounding 11208 IDLEWILD RD MATTHEWS

② SUBDIVISION: ③ LOT: ④ BLOCK:

⑤ PARCEL REFERENCE: BOOK NO.: 193 PAGE NO.: 16 PARCEL NO.: 193-161-02

⑥ DEED REFERENCE: BOOK NO.: PAGE NO.:

OWNER

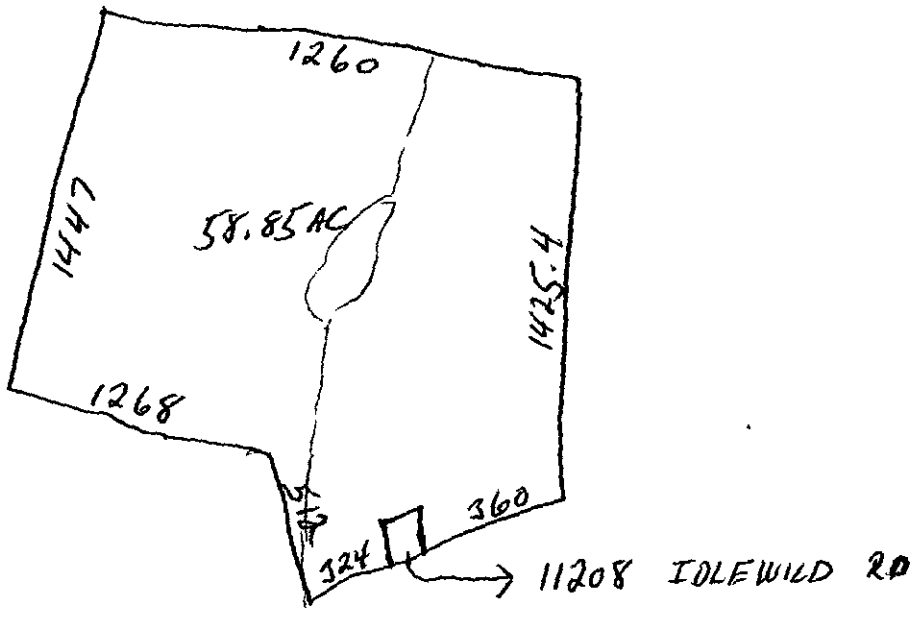
⑦ NAME: ROBERT (FIRST) DAVIDSON (MIDDLE) BALLARD (LAST)

⑧ MAILING ADDRESS: 105 TAYPORT Ct

⑨ CITY: CARY ⑩ STATE: NC ⑪ ZIP: 27511

⑫ PHONE: (WORK) 919 481 4277 (HOME) 919 469 1754

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Robert D Ballard

Date: 7/10/87

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY