

SOIL REPORT

Lot 13 Section I
 Subdivision Blue Water
 District _____
 Louisa _____ County, Virginia

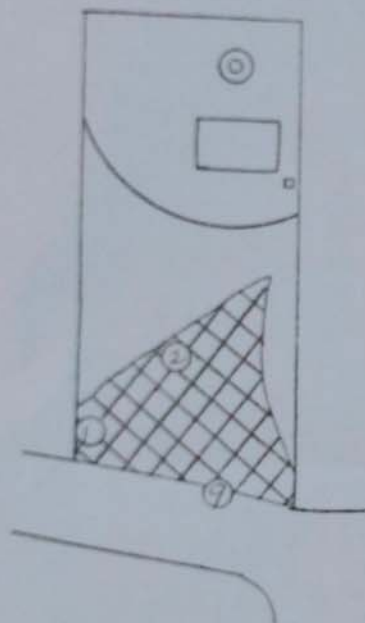
Depth to gray mottling greater than 5'

Depth to hard rock greater than 5'

Permeability: moderate

The parent material is weathered schist of the Piedmont Geologic Province

Scale: 1" = 100'



Soils best suited for use as a septic tank drainfield site



Well proposed



Well existing



House proposed

The drainfield should be installed on grade below a depth of 48". The house should be set back approximately 200' from the front of the lot. The septic tank should be located to the right front of the house.

The soils of the designated area are rated as fair for use as drainfields. This lot is not suited to a house with major plumbing in the basement.

SOIL PROFILE DESCRIPTIONS

Hole #1

0-6" Grayish brown fine sandy loam, few gravels
 6-24" Red friable clay
 24-34" Yellow red friable clay loam mottled with strong brown and yellow
 34-42" Yellow friable loam and fine sandy loam mottled with reddish brown and gray, gray is parent material, few angular quartz fragments, unable to drill deeper because of fragments

This soil rated as fair for use as drainfields.

Hole #2

0-12" Reddish brown heavy fine sandy loam
12-32" Red friable clay
32-48" Yellow red friable clay loam and silty clay loam mottled
with red and yellow
48-55" Yellow red friable heavy loam and silt loam mottled with
yellow and red
This soil rated as fair for use as drainfields.

Hole #9

0-10" Brown gravelly fine sandy loam
10-42" Red friable clay
42-48" Red friable sandy clay loam and heavy loam mottled with
yellow red, many very fine mica flakes
This soil rated as fair for use as drainfields.

Lot Evaluated: December 14, 1979

Thomas R. Burruss
Thomas R. Burruss
Soil Scientist