

10/10/24

Matthew Greenfield  
PO Box 31319  
Alexandria VA 22310

Daniel L Richardson MOSE  
Billa and Dan LLC  
148 Gough Rd.  
Rustburg VA 24588

Dear Mr. Greenfield,

Attached are soils descriptions and an abbreviated design documentation for a drainfield for a 3-bedroom sewage disposal system for lot 2 in Big Valley Subdivision on Glass Mill Road in South Boston VA, PRN 32785 in Halifax County Virginia. The lot is accessed via a narrow strip on the road and opens up to a wide acreage of about 35 acres.

Please note that at the time of the soil evaluation the property lines **were not marked**. Therefore, in order to determine the location on the subject lot we used a system that employs GPS data and superimposes that information on GIS boundaries. It is important to realize that the accuracy of this system is limited and is only an estimation. While we believe we were on the lot, we are not surveyors and cannot be held responsible should the drainfield not be in the position we believe it is. An actual survey should be done to locate the proposed drainfield.

Should the purchaser wish to utilize a different area for a sewage disposal system we will be glad to go back and find an alternative site if the property lines are marked and abundantly clear and visible.

Sola Fide

A handwritten signature in black ink, appearing to read 'Daniel Richardson', written over a horizontal line.

Daniel Richardson

**SOIL SUMMARY REPORT****General Information:**

Date: 9/26/24                      Halifax                      County Health  
Dept. \_\_\_\_\_

Applicant: Matthew Greenfield

Telephone No: 410-320-6259

Address: PO Box 31319 Alexandria VA 22310

Location: Glass Mill Rd. South Boston VA.

Subdivision: Big Valley

Section: \_\_\_\_\_ Lot: 2

**Soil Information Summary:**

Drain Field \_\_\_\_\_ Tax Map, GPIN or PRN: 32785

Slope: 8

Depth to rock/impervious strata: Max. \_\_\_\_\_ Min. \_\_\_\_\_ None x in DF

Depth to seasonal water table: (gray mottling or gray color) No ☒ Yes ☐ \_\_\_\_\_ inches

Free water present: No ☒ Yes ☐ Range in inches: \_\_\_\_\_

Soil percolation rate estimated: Yes ☒ No ☐

Texture group: II Estimated rate: 40 min. per inch

Proposed Drainfield: 63x3x5

Lines installed at 55 inches deep

Name and title of evaluator: Dan Richardson, AOSE #1254

**SOIL EVALUATION FORM**Name: Matthew GreenfieldDrain Field       Subdivision: Big Valley Lot 2 35.606 Ac.Lot, TM or GPIN: 32785

Hole #	Horizon	Depth (inches)	Description of color, texture, etc.	Texture Group
1	Ap	0-5	2.5 Y 5/3 Loam	II
	E	5-19	2.5 Y 6/6. Loam	II
	Bt	19-31	2.5 YR 5/8 Clay with 10 YR 6/8 and 5 YR 5/4 Clay	IV
	C	31-73	5 YR 5/6-5/8, 10 YR 6/8, 7.5 YR 7/8 2.5 Y 6/6 Loam to Sandy Loam	II
3	Ap	0-4	2.5 Y 5/3 Loam	II
	Bt	4-30	2.5 Y 6/6-7.5 YR 5/6 Clay with quartz	IV
	B/C	30-35	7.5 YR 5/6 Clay Loam	III
	C	35-74	7.5 YR 5/6-6/8 Loam with common Mica. 5 YR 3/6 and 7.5 YR 5/8 with some feldspars and manganese stains from mafic material	II
4	Ap	0-6	2.5 Y 3/3. Loam	II
	E	6-13	7.5 YR 5/6-10 YR 5/6 sandy Loam	II
	Bt	13-30	7.5 YR 5/6 Clay Loam	IV
	C	30-74	7.5 YR 6/6-5 YR 5/6 Sandy Loam	
5	Ap	0-4	2.5 Y 3/3. Loam	II
	E	4-12	7.5 YR 5/6-10 YR 5/6 Sandy Loam	II
	Bt	12-29	7.5 YR 5/6 Clay	IV
	C	29-35	Cr Not in DF	II

Name and title of evaluator: Dan Richardson, AOSE #1254

## SOIL EVALUATION FORM Second Soil Description page

**Name:** Matthew Greenfield

## Drain Field

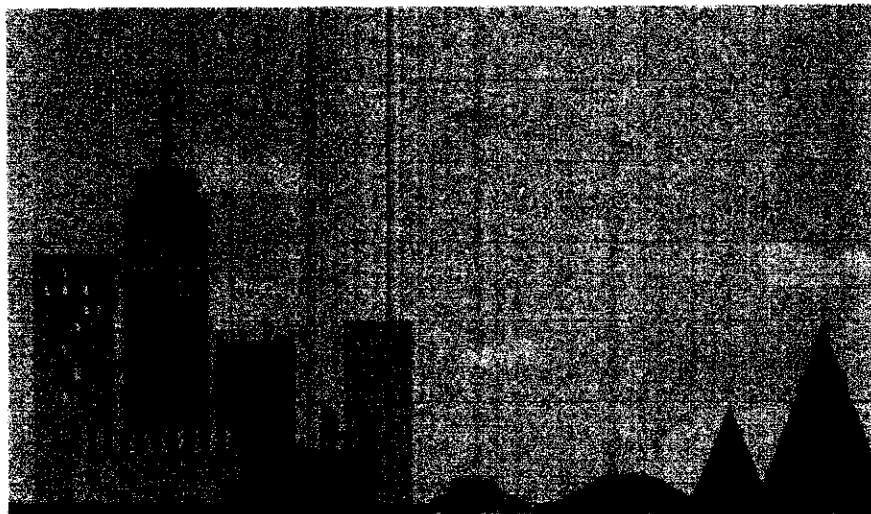
**Subdivision:** Big Valley Lot 2 35.606 Ac.

**Lot, TM or GPIN:** 32785

[illegible]



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36°42'27.1"N 79°10'33.7"W

36.707540, -79.176040



Directions



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PR5F+2H8 Birch, Virginia