

**Appalachian Soil, Inc.**  
**Ellijay, GA**  
**706-636-3813**

Client: Todd Withrow  
 Site Location: Lower Tails Creek Rd  
 Date Evaluated: April 2022

Phone #: 678-361-0519  
 Level of Study: 3  
 County: Gilmer

**Soil Summary**

<b>SERIES NAME</b>	Cowee	Evard	Hayesville	Thurmont	Dillard
<b>SLOPE</b>	5->35%	5->35%	5-35%	5-25%	0-10%
<b>BEDROCK REFUSAL</b>	20-40"	50->72"	50->72"	50->72"	>60"
<b>SEASONAL HIGH H<sub>2</sub>O TABLE</b>	>40"	>72"	>72"	>60"	24-36"
<b>SUITABILITY CODE</b>	H	A	A	A	C
<b>ESTIMATED PERC RATE</b>	50	35-45	50-60	45-60	45-60
<b>OPTIMUM PERC DEPTH</b>	See Codes	18-40"	18-40"	18-36"	See Codes
<b>HYDAULIC LOADING RATE</b>	0.25	N/A	N/A	N/A	0.20

**Additional Comments:**

**Soil Classifier: Josh Fox, GA SC# 213**

**Office Phone: 706-636-3813**

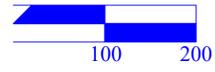
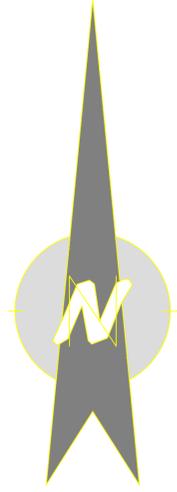
## Todd Withrow - Tails Creek

Hole	Series	Depth to Bedrock	Depth to Seasonal High Water Table (inches)	Percolation Rate (minutes/inch)	Slope Gradient (percent)	Optimum Percolation Depth
1	Cowee	23"	>23"	50	40%	See Codes
2	Evard	>72"	>72"	40	20%	18"-40"
3	Evard	60"	>60"	45	22%	18"-36"
4	Evard	>72"	>72"	35	33%	18"-40"
5	Evard	60"	>60"	40	33%	18"-36"
6	Cowee	24"	>24"	50	36%	See Codes
7	Hayesville	>72"	>72"	60	13%	18"-40"
8	Thurmont	55"	>55"	60	2%	18"-30"
9	Hayesville	>72"	>72"	55	20%	18"-40"
10	Hayesville	60"	>60"	55	14%	18"-36"
11	Dillard	>50"	36"	50	5%	See Codes
12	Dillard	>40"	36"	60	6%	See Codes
13	Cowee	35"	>35"	50	27%	See Codes
14	Cowee	27"	>27"	50	30%	See Codes
15	Cowee	36"	>36"	50	25%	See Codes
16	Cowee	33"	>33"	50	37%	See Codes
17	Cowee	40"	>40"	45	30%	See Codes
18	Evard	55"	>55"	45	33%	18"-30"
19	Cowee	36"	>36"	50	35%	See Codes
20	Evard	65"	>65"	35	33%	18"-40"
21	Evard	>72"	>72"	45	24%	18"-40"
22	Evard	64"	>64"	45	40%	18"-40"
23	Cowee	23"	>23"	50	27%	See Codes
24	Evard	>72"	>72"	40	23%	18"-40"
25	Evard	>72"	>72"	40	21%	18"-40"
26	Evard	>72"	>72"	40	16%	18"-40"
27	Evard	>72"	>72"	35	18%	18"-40"
28	Evard	>72"	>72"	45	24%	18"-40"
29	Evard	>72"	>72"	40	17%	18"-40"
30	Evard	>72"	>72"	40	15%	18"-40"
31	Evard	62"	>62"	40	17%	18"-38"
32	Evard	60"	>60"	40	27%	18"-36"
33	Evard	>72"	>72"	45	18%	18"-40"
34	Evard	60"	>60"	45	23%	18"-36"
35	Evard	>72"	>72"	45	17%	18"-40"
36	Cowee	25"	>25"	50	7%	See Codes

37	Cowee	22"	>22"	50	5%	See Codes
38	Evard	60"	>60"	45	17%	18"-36"
39	Evard	60"	>60"	45	23%	18"-36"
40	Cowee	33"	>33"	50	28%	See Codes
1A	Hayesville	>72"	>72"	60	30%	18"-40"
2A	Hayesville	60"	>60"	55	33%	18"-36"
3A	Hayesville	55"	>55"	55	32%	18"-30"
4A	Evard	>72"	>72"	35	24%	18"-40"
5A	Evard	>72"	>72"	35	19%	18"-40"
6A	Evard	>72"	>72"	35	23%	18"-40"
7A	Evard	>72"	>72"	45	34%	18"-40"
8A	Hayesville or Th	>72"	>72"	60	23%	18"-40"
9A	Evard	>72"	>72"	45	33%	18"-40"
10A	Evard	>72"	>72"	40	35%	18"-40"
11A	Evard	>72"	>72"	35	38%	18"-40"
12A	Evard	>72"	>72"	55	32%	18"-40"
13A	Evard	>72"	>72"	35	14%	18"-40"
14A	Evard	>72"	>72"	40	33%	18"-40"
15A	Evard	>72"	>72"	35	15%	18"-40"
16A	Evard	>72"	>72"	35	30%	18"-40"
17A	Evard	>72"	>72"	45	16%	18"-40"
18A	Hayesville	55"	>55"	55	22%	18"-30"
19A	Cowee	24"	>24"	50	32%	See Codes
20A	Cowee	21"	>21"	50	35%	See Codes
21A	Cowee	23"	>23"	50	48%	See Codes
22A	Cowee	36"	>36"	50	45%	See Codes
23A	Evard	60"	>60"	45	20%	18"-36"
24A	Cowee	24"	>24"	50	52%	See Codes
25A	Evard	>72"	>72"	40	22%	18"-40"
26A	Evard	>72"	>72"	45	33%	18"-40"
27A	Evard	>72"	>72"	45	35%	18"-40"
28A	Evard	60"	>60"	45	53%	18"-36"
29A	Cowee	32"	>32"	50	48%	See Codes
30A	Evard	64"	>64"	45	24%	18"-40"
31A	Cowee	28"	>28"	50	26%	See Codes
32A	Cowee	20"	>20"	50	34%	See Codes
33A	Cowee	24"	>24"	50	40%	See Codes
34A	Evard	>72"	>72"	40	35%	18"-40"
35A	Evard	56"	>56"	45	33%	18"-32"
36A	Evard	>72"	>72"	45	23%	18"-40"
37A	Cowee	22"	>22"	50	50%	See Codes
38A	Evard	60"	>60"	45	27%	18"-36"
39A	Cowee	27"	>27"	50	45%	See Codes

40A	Evard	54"	>54"	45	17%	18"-30"
41A	Evard	60"	>60"	45	16%	18"-36"

**LEVEL 3 SOIL SURVEY**



**Level 3 Soil Survey**

- = Rock Outcropping
- = Soil Break
- = Boring Location/Number
- = Spring Head w/ 100' Setback
- = Creek
- = Proposed Well locations

Soil Survey By:  
Appalachian Soil Inc.  
706-636-0819

