HOMEWORK/PRACTICE

Instructions: Indicate if an excavation is an option. If 'yes' determine the elevation of the bottom of the drainfield in reference to grade if an excavation is performed. Also indicate the elevation of the bottom of the drainfield in reference to grade if an excavation is not performed.

1)

10YR 2/1	FS	0-4"
10YR 6/1	FS	4-20"
10YR 7/1	STRIPPING	10-18"
10YR 7/1	FS	20-21"
N 6/0	SCL	21-39"
5Y 6/1	SL	39-72"

WSWT 10"

2)

10YR 4/1	FS	0-5"
10YR 7/1	FS	5-18"
10YR 5/6	CMN/PROM/RF	10-18"
10YR 2/1	SPODIC	18-20"
7.5YR 3/2	SPODIC	20-25"
10YR 2/1	SPODIC	25-30"
7.5YR 4/4	FS	30-37
10YR 6/2	FS	37-41"
10YR 7/3	SCL	41-60"
10YR 6/2	LS	60-72"

WSWT 10"

3)

10YR 2/1 MUCK	0-0.5"
10YR 4/1 COS	0.5-11"
10YR 6/2 FS	11-17"

REFUSAL @ 17"
Hole caving in due to water

WSWT 0"

4)

10YR 2/1	FS	0-2”
10YR 7/3	FS	2-15”
10YR 7/1	STRIPPING	10-15”
10YR 3/2	SPODIC	15-17”
7.5YR 3/2	SPODIC	17-25”
10YR 6/4	FS	25-29”
10YR 2/1	SPODIC	29-33”
7.5YR 3/2	SPODIC	33-42”

REFUSAL @ 42”
Hole caving in due to water

WSWT 10”

5)

10YR 2/1	FSL	0-5”
10YR 4/1	FSL	5-12”
10YR 4/1	SCL	12-38”
10YR 5/2	SCL	38-56”
10YR 7/1	FS	56-72”

Notes: 10YR 7/1 CMN/DIST RF starting at 12”
WSWT 12”

Instructions: Below are readings using the laser transit. Determine the elevation, in inches, of the proposed system site in reference to the benchmark. Indicate if the proposed system site is above or below the benchmark.

1) Benchmark 1’3”
Proposed System Site 3’3”

2) Benchmark 4’2”
Proposed System Site 2’9”

3) Benchmark 0’6”
Proposed System Site 1’10”

4) Benchmark 2’2”
Proposed System Site 2’6”