#### SITE INFORMATION

Soil located in the Upper Coastal Plain/Fall Zone of North Carolina near the town of Clayton. The site is on the edge of a cultivated field and is found in the long term wood lot that was cultivated in the past. The vegetation is primarily deciduous overstory with oak tree dominants. The site has no ponding or flooding.

#### LANDFORM

Broad upland interfluve with soils formed from unconsolidated marine sediments. The slope is 3%.

### HILLSLOPE POSITION



Udic soil moisture and Thermic soil temperature

### **SOIL PIT INFORMATION**

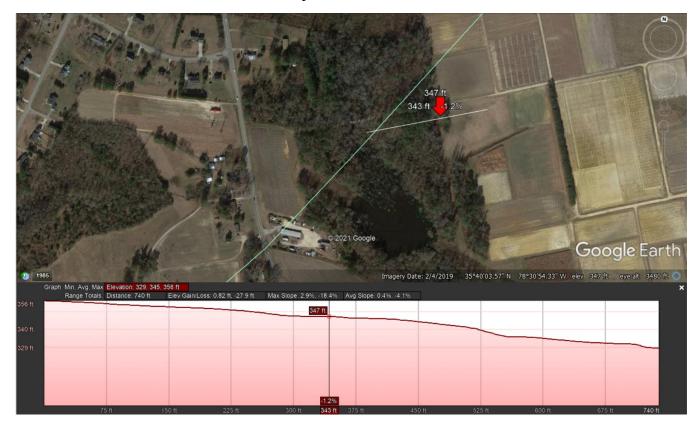
The pedon has a thin organic horizon on the surface that is not described. Horizons 1, 2, and 3 are dominated by medium sized sands. Horizons 4 and 5 have common faint clay films on ped surfaces and as bridges between sand grains. Coarse fragments are well rounded, equidimensional, and 2-5 mm in size.

#### CHARACTERIZATION DATA

Horizon	Base Saturation (%)	ECEC (cmol+/kg clay)	CEC-7 (cmol+/kg clay)
1	30	5.0	5.9
2	25	4.3	5.2
3	10	2.1	2.8
4	14	6.0	7.7
5	18	7.5	8.6

## **SITE IMAGE**

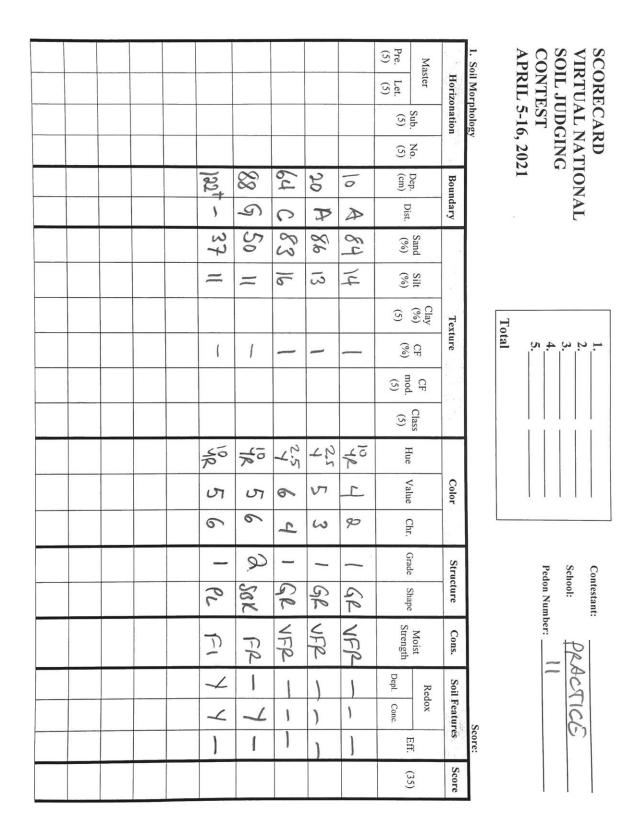
Pit located where red arrow is on the landscape.



### **PROFILE IMAGE**



## **SCORECARD**



2. Soil Profile Characteristics  Hydraulic Conductivity (10)  Surface (5)  High High Mod. Low Low Low  3. Site Characteristics  Parent Material (GIVEN)  WARLING SEDIMENTS  T	Loading Rate (10)  Loading Rate at 75 cm (5)  Aver (5)  High Low Ref. (2)  Low Ref. (2)  Landform (GIVEN)  LANTEL FLUNE	Effective Soil Depth (5)  V. shallow (~25 cm)  Shallow (25 to 49 cm)  Mod. deep (50 to 99 cm)  Deep (100 to 149 cm)  Very deep (≥150 cm)  Slope (GIVEN)	Water Retention Difference (5)  Very low (<7.5 cm)  Low (7.5 to <15 cm)  Mod. (15 to <22.5 cm)  High (≥ 22.5 cm)  Slope Profile (5)  Surface Re  Summit  Shoulder  Shoulder  Ponded  Shoulder  Slow Footslope  Footslope  Medium None  Very ray	Surface Runoff (5)  Surface Runoff (5)  Surface Runoff (5)  Som  Surface Runoff (5)  Ponded  Very slow  Slow  Medium  Rapid  Very rapid	Score: Soil Wetness Class (5)  [> 150 cm) (100 to 150 cm) (25 to 49 cm) (<25 cm)  Score: Eros. Pot. (5)  Low Low Medium High Very High
4. Soil Classification			-		
Epipedon (5)	Subsurface horizons and/or diagnostic features (5 each)	each) Order (10)	Subo	Suborder (10)	Great Group (10)
5. Interpretations					
Houses with Basements (3)	Septic Tank Abs. Fields (3)	Local Roads and Streets (3)	Corn (3)	Hopyards (3)	Created Wetlands (3)
	Slight Moderate Severe	Slight Moderate Severe	Slight Moderate Severe	Slight Moderate Severe	
Slight Moderate Severe					_