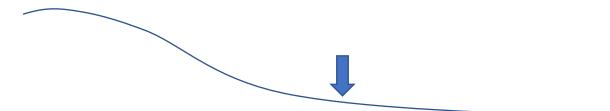
### SITE INFORMATION

The site is located in the "driftless region" of southwestern Wisconsin. Soils of uplands in the Wisconsin driftless region are typically formed in dolostone or sandstone residuum and clayey pedisediment covered by silty loess of varying thickness. Most of the upland soils have undergone moderate to severe erosion after European settlers transitioned the dominant land use to agriculture in the last 150-200 yrs. The site receives occasional overland flow but is not considered flooded or ponded.

### LANDFORM

The site is located on a low-relief alluvial fan in an upland drainageway.

### **HILLSLOPE POSITION**



### SOIL MOISTURE AND TEMPERATURE REGIMES

Udic soil moisture regime and mesic soil temperature regime.

#### SOIL PIT INFORMATION

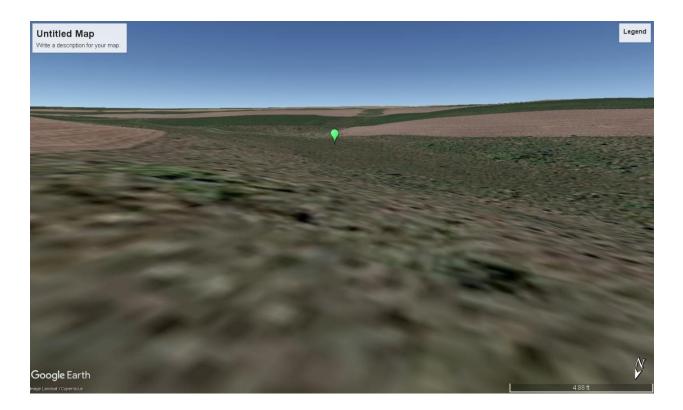
The site was cultivated in the last 30 years but is currently vegetated with perennial cool-season grasses. Horizons 2-5 contain rock structure and thin stratification of coarse silt/fine sand.

### CHARACTERIZATION DATA

Horizon	% Base Saturation	% Org. C	Dry soil color
1	65	1.6	10YR 4/3
2	65	0.8	10YR 5/3
3	65	0.7	10YR 6/3
4	75	0.8	
5	80	1.8	

## SITE IMAGE



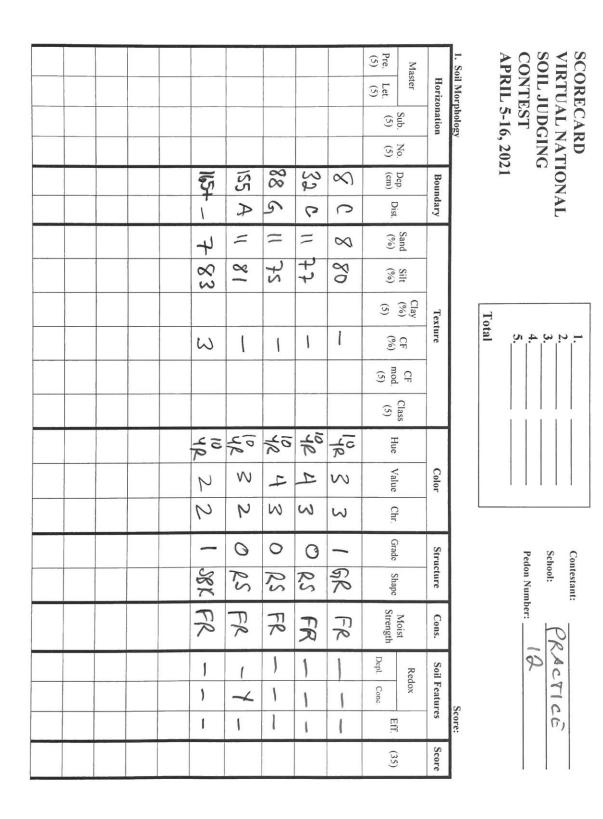


### **PROFILE IMAGE**



2021 Virtual National Soil Judging Contest – Pedon 12

#### SCORECARD



2021 Virtual National Soil Judging Contest - Pedon 12

Severe	Reason (2):	Severe Reason (2):	Severe Reason (2):		
Slight Slight Moderate	ht lerate	Slight	Slight Moderate	Slight Moderate	Slight Moderate
Hopyards (3)		Corn (3)	Local Roads and Streets (3)	Septic Tank Abs. Fields (3)	Houses with Basements (3)
					5. Interpretations
Suborder (10)	Subor		or Order (10)	Subsurface horizons and/or diagnostic features (5 each)	Epipedon (S)
					4. Soil Classification
peSlow >eRapid Very rapid	e pe	Backslope Footslope Toeslope None	6	PAN IN AN DRAINAGEWAY	
Ponded	ч	Summit		ALLUVIAL	ALLUNIUM
le (5) Surface Runoff (5)	le (5)	Slope Profile (5)	Slope (GIVEN)	Landform (GIVEN)	Parent Material (GIVEN)
					3. Site Characteristics
High (≥ 22.5 cm)	ligh (≥ 22.5		Very deep (≥150 cm)	Low Ref. (2)	Low Lo
Very low (< 7.5 cm) Low (7.5 to < 15 cm) Mod. (15 to < 22.5 cm)	Very low (< Low (7.5 to < Mod. (15 to <		V. shallow (<25 cm) Shallow (25 to 49 cm) Mod. deep (50 to 99 cm)	<u>er</u> (5) gh d gpd/ft <sup>2</sup> (3)	<u>Surface (5)</u> <u>High</u> <u>Mod.</u> <u>Mod.</u>
Water Retention Difference (5) Soil Wetness Class (5)	Retention	Water	Effective Soil Depth (5)	) Loading Rate at 75 cm (5)	Hydraulic Conductivity (10)
		-			2. Soil Profile Characteristics

2021 Virtual National Soil Judging Contest - Pedon 12