

Depth Feet(Meters)	Horizon or Zone	Description
<u>16NE79:</u> Core hole in the upland west of the Cedar River; in south road ditch approximately 12 ft. north and 60 ft. west of fence corner post; NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23 T.79N., R.3W., Cedar County. Surface elevation approximately 715 ft.		
WISCONSINAN loess		
0-8(0-2.44)		Below undisturbed land surface: all depths corrected to the undisturbed land surface.
8-10(2.44-3.05)		Ditch fill.
10-16.6(3.05-5.05)	OL	Light olive brown (2.5Y5/4) silt loam; massive; few very fine root channels; few fine Mn oxide concretions; diffuse boundary; leached loess.
16.6-18.4(5.05-5.61)	OU	As above but unleached; root channels disappear; gradual boundary; unleached loess.
18.4-19.7(5.61-5.99)	MOU	Yellowish brown (10YR5/4) silt loam with common fine and medium grayish brown (10YR5/2) mottles; massive; gradual boundary; unleached loess.
19.7-21.2(5.99-6.45)	MDU	Grayish brown (10YR5/2) silt loam with common fine and medium yellowish brown (10YR5/6) mottles; massive; clear boundary; unleached loess
21.2-21.8(6.45-6.63)	OU	Brown (10YR5/3) silt loam with common fine and medium yellowish brown (10YR5/4) mottles; massive; gradual boundary; unleached loess.
WISCONSINAN Basal Loess Sediment		
21.8-22.8(6.63-6.96)	UL	Gray (5.5/0) silt loam; massive; common fine charcoal flecks; abrupt boundary; leached sediment.
22.8-23.7(6.96-7.21)	OL	Light olive brown (2.5Y5/4) silt loam with few fine dark yellowish brown (10YR4/6) mottles; massive common fine charcoal flecks; gradual boundary; leached sediment.
ILLINOIAN? SANGAMON-EARLY WISCONSINAN Late Sangamon Paleosol in upper part PRE-ILLINOIAN Alburnett Formation, Undifferentiated Till Member		
23.7-24.3(7.21-7.39)	B1b	Yellowish brown (10YR5/6 and 5/8) silty clay loam; weak fine subangular blocky to weak very fine granular structure; gradual boundary; leached till.
24.3-25.3(7.39-7.72)	B2b	Yellowish brown (10YR5/6 and 5/8) clay loam with few fine brown (10YR5/3) mottles; moderate fine subangular blocky structure; patchy thick brown (10YR4/3) clay coats on peds which show pressure faces; gradual boundary; leached till.
25.3-28(7.72-8.53)	B3b	Yellowish brown (10YR5/6) loam with few fine light brownish gray (10YR6/2) mottles; moderate fine and medium subangular blocky structure; patchy thin dark yellowish brown (10YR4/4) coats on ped faces; gradual boundary; leached till.

Depth Feet(Meters)	Horizon or Zone	Description
28-29.4(8.53-8.97)	MOL	Yellowish brown (10YR5/6 and 5/8) loam with few fine light brownish gray (10YR6/2) mottles; one medium light brownish gray (10YR6/2) and pale brown (10YR6/3) mottle around a pebble; massive; gradual boundary; leached till.
29.4-32(8.97-9.75)	OJL	Yellowish brown (10YR5/6 and 5/8) loam with many light gray (10YR6/2) mottles around joints; massive; thin discontinuous black (N2/0) Mn oxide coats along joints; gradual boundary; leached till.
32-33.1(9.75-10.08)	OL	As above but joints disappear; patchy thin black (N2/0) Mn oxide coats; diffuse boundary; leached till.
33.1-34(10.08-10.36)	OU	Light olive brown (2.5YR5/4) loam; massive; unleached till.