

**SOIL PROFILE PIT LOG #1 – 9/5/2023**  
**BLOCK 3405, LOTS 5 AND 6 (MULLICA TOWNSHIP MUNICIPAL BUILDING)**  
**MULLICA TOWNSHIP; ATLANTIC COUNTY**

DEPTH (Inches)	DESCRIPTION OF SOILS
0 – 4"	10YR 5/2 Grayish brown medium loam; 0% coarse material content; angular blocky; friable; few roots (appears to be historic soil fill material).
4 – 17"	10YR 6/4 Light yellowish brown medium loamy sand; 20% gravel content; dry and platy but friable; few roots (appears to be historic soil fill material).
17 – 45"	10YR 5/1 Gray medium sand; 0% coarse material; dry and platy but friable (appears to be fill material).
45 – 54"	10YR 7/4 Very pale brown medium sand; 0% gravel; dry and platy but friable.
54 – 112"	10YR 5/6 Strong brown sandy clay loam; 20% gravel content; 2% cobbles; slight subangular; <b>hard in place</b> .
112 – 132"	10YR 5/6 Strong brown sandy clay loam; 0% coarse material; slight subangular blocky; friable, less hard. <b>Permeability rate = 2.315 in/hr. (K3)</b> .

*Two (2) replicate disturbed soil permeability test samples collected at 112".*

DEPTH TO SEASONAL HIGH WATER TABLE **Not Encountered**

DEPTH TO GROUNDWATER **Not Encountered**

Witnessed by Troy Flemming of the ACHD.

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**SOIL PROFILE PIT LOG #2 – 9/5/2023**  
**BLOCK 3405, LOTS 5 AND 6 (MULLICA TOWNSHIP MUNICIPAL BUILDING)**  
**MULLICA TOWNSHIP; ATLANTIC COUNTY**

DEPTH (Inches)	DESCRIPTION OF SOILS
0 – 6"	10YR 6/1 Gray medium loamy sand; 0% coarse material content; angular blocky; friable; few roots (appears to be historic soil fill).
6 – 48"	10YR 6/8 Brownish yellow medium sandy loam; 20% gravel content; slight subangular blocky and platy but friable (appears to be historic fill and contained some construction debris).
48 – 54"	10YR 8/4 Very pale brown medium sand; 30% gravel and cobbles; angular blocky; friable.
54 – 132"	10YR 6/6 Brownish yellow medium sandy clay loam; 20% gravel; platy but friable; <b>hard in place. Permeability rate = 3.275 in/hr. (K3)</b>

*Two (2) replicate disturbed soil permeability test samples collected at 72".*

DEPTH TO SEASONAL HIGH WATER TABLE **Not Encountered**

DEPTH TO GROUNDWATER **Not Encountered**

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