

Qh41-13

HD-9 0.4 km east of DEL 369 on DEL 373 on North side of road.  
 Lat. 38°31'53" Long. 75°10'28" Elevation 6.4 m  
 SE ¼ of Frankford, Del 7.5' Quadrangle  
 0.0-0.2 Pebbly soil  
 0.2-1.8 Orange M. SAND  
 1.8-3.0 L. gray M. to C. SAND  
 3.0-4.6 Gray Silty Clayey M. SAND with granules and V. C. Sand.  
 4.6-5.2 L. gray V. F. to M. SAND with C. Silt  
 5.2-5.5 Gray V.F. sandy Silty CLAY  
 5.5-5.8 White M. SAND well sorted  
 5.8-7.3 L. Gray Sandy, Silty CLAY  
 7.3-7.6 M. Gray Sandy SILT  
 7.6-8.5 L. Yellow F. to M. SAND with trace of silt  
 8.5-9.4 L. Gray to L. Tan F. to M. SAND no silt  
 9.4-10.1 Gravelly V.C. SAND  
 10.1-10.7 L. Gray V.F. to F. SAND with trace of Silt.

HD-10 0.5 km north of Maryland state Line on DEL 387 10 m east of road.  
 Lat. 38°30'14" Long. 75°11'03" Elevation 7.6 m  
 NE ¼ of Selbyville, Md.-Del 7.5' Quadrangle  
 0.0-0.3 Sandy SOIL  
 0.3-2.1 Orange M. SAND with trace of silt  
 2.1-2.4 Brown M. to C. SAND with trace of Plants.  
 2.4-2.7 L. Brown M. C. SAND  
 2.7-4.0 D. Brown M. SAND with plant Fragments  
 4.0-4.6 Tan M. to C. SAND with some orange staining  
 4.6-5.2 Gray CLAY balls in V. Sand (slump?)  
 5.2-5.5 D. Brown Clayey SILT with trace of F. sand  
 5.5-5.9 Hard Silty F. to M. SAND  
 5.9-6.4 Gray F. SAND with trace of silt  
 6.4-6.7 L. Orange VF to F SAND  
 6.7-7.0 Gray Silty CLAY  
 7.0-7.2 Gray Silty CLAY with trace of VF. sand and SHELL fragments (Oysters)  
 7.2-8.1 Gray Silty CLAY with Oyster and Mercenaria SHELL fragments  
 8.1-8.5 Grayish Brown Silty Sand with trace of clay.  
 8.5-8.7 Brownish Gray VF. to F. SAND  
 8.7-9.1 Peat with Shells on top?  
 9.1-10.4 Gray F. Sandy SILT  
 10.4-11.3 Gray clayey SILT with trace of VF sand. Possible Shells. Highly compacted from 11.0-11.3 return Clay chunks.  
 11.3-11.9 Slightly Brownish Gray Silty CLAY with SHELLS and Chunks of Clay.  
 11.9-12.8 Gray silty CLAY with trace of VF SAND  
 12.8-13.1 Orange M. SAND  
 13.1-13.4 Orange F. SAND Hard.

HD-11 0.0 km East of DEL 387 on DEL 396 north side of road across from utility pole number 16A1A on Del-Md state line.  
 Lat. 38°30'07" Long. 75°09'54" Elevation 4.6 m  
 NE ¼ of Selbyville, Md.-Del. 7.5' Quadrangle  
 0.0-0.3 Soil  
 0.3-0.6 Brown M. SAND  
 0.6-1.0 White Pebbly Quartz SAND  
 1.0-1.5 Tan SILT  
 1.5-1.8 Brown Silt  
 1.8-2.1 White silty SAND  
 2.1-2.4 Tan SILT  
 2.4-2.9 Gray SILT with organics and Brownish clay balls  
 2.9-3.0 Brown Peat  
 3.0-4.0 L. brown Silty CLAY  
 4.0-4.9 White M. to C SAND grading down to C to VC Sand with abundant heavy minerals.  
 4.9-6.1 Very poorly sorted VC to C SAND With green flecks (chlorite?)  
 6.1-9.8 Light Gray silty SAND with heavy minerals  
 9.8-11.6 White M. SAND with many heavy minerals and CORAL Fragments. Fining Down.

HD-12 1.0 km east of DEL 387 on DEL 396 north side of road where ditch goes under road at end of trees.  
 Lat. 38°30'05" Long. 75°10'32" Elevation 6.1 m  
 NE ¼ of Selbyville, MD.-Del 7.5' Quadrangle  
 0.0-0.6 Fill and/or soil  
 0.6-2.1 L. Orange VF to F SAND  
 2.1-3.0 Gray Silty CLAY with trace of VF sand  
 3.0-3.7 Tan Clayey SILT  
 3.7-4.6 L. gray to milky White silty F. SAND  
 4.6-5.8 L. Tan F sandy SILT  
 5.8-7.0 Tan F. to M. SAND Well sorted  
 7.0-7.3 VC SAND  
 7.3-8.2 SAND alternating(?) with SILT  
 8.2-9.8 M. SAND well sorted  
 9.8-10.1 L. Brown Silty Sand (peat?)  
 10.1-10.7 Gravelly SAND with abundant heavy minerals  
 10.7-12.2 Gravelly(?) SAND with no heavy minerals no gravel recovered.

HD-13 In bed of Pepper Creek Ditch at route 113 crossing. east side of road.  
 Lat. 38°31'36" Long. 75°14'50" Elevation 5.5 m  
 SE ¼ of Frankford, Del. 7.5' Quadrangle  
 0.0-0.2 Fill (Holocene river bed)  
 0.2-2.1 Gray silty M to C SAND with organics  
 2.1-3.7 Brownish gray silty F SAND with organics  
 3.7-3.8 SHELLS  
 3.8-4.6 Gray silty clayey F to M SAND with organics  
 4.6-4.7 SHELLS? ( may have slumped)  
 4.7-7.6 Brown clayey silty F. SAND with organics mica. Another shell show at 5.5 m (slump)  
 7.6-10.4 Gray silty SAND with abundant Heavy minerals  
 10.4-11.0 Hard granular C to VC SAND  
 11.0-11.6 L. Brown to gray M to C SAND with silt

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