

DLBS-7**Location Latitude 254831 Longitude 802340****Depth Description**

0-1 Road gravel, top soil, chalky, sandy green L.S., white N9
1-3 L.S.; 100%, grayish orange 10Y7/4, fine grain, angular, no visible porosity, hard
3-5 Silt; 70%, dark yellowish brown, 10Y4/2, cohesive
L.S.; 30%, vuggy, rounded, no permeability
5-7 L.S.; 100%, grayish orange 10YR7/4, hard, no visible porosity, rounded clays/chalk
Marl
7-9 Corraline, 100%, stems
9-12 Same as 7-9 ft., soupy, clean, ultra fine grain, holds water,
12-15 Sand & L.S., as in 9-12 ft., low to no permeability
15-20 L.S.; brecciated, calcrete, 40%, dense, white to olive brown 5Y5/6, very low permeability
Sand; clean, very fine grain, 60%
20-22 L.S.; 95%, pale yellowish brown 10YR6/2, poorly indurated, washed, rounded, no
visible
Porosity
22-27 L.S.; 90%, yellowish gray 5Y7/2, biogenic, shell molds, pin-hole porosity,
Sand; 10%, as above, moderate permeability
27-30 L.S.; 99%, white N9, dense, some solution holes, moderate flow, cemented sparry shell
cast
30-35 L.S.; 99%, white N9, solutioned cavities, secondary (calcite shell) porosity, dense,
moderate
Flow
35-40 L.S.; white N9, 50%, poorly indurated, chalky, shell fragments, solutioned, grayish
orange
10YR7/4
40-43 Shells, fossilized, solutioned, calcified, high permeability
43-47 L.S.; biogenic, 99%, cemented shells, moldic porosity, shells fossilized, heavy minerals,
Present, white N9 to tannish orange, good flow
47-50 L.S.; white N9, bivalves, fine grain, chalky cemented sands with heavy minerals,
“Ft. Thompson”,
Stems and shells, fossilized, excellent flow
50-57 As above excellent flow
57-60 L.S.; white N9, rounded heavy minerals, grains cemented, medium grain, no visible
porosity
Sparry, excellent flow.
60-70 Barnacles, pale yellowish brown 10YR6/2, no visible porosity, very good flow,
70-73 Stems, silica nodules, carols, 100%, excellent flow
73-85 Shell hash, shell fragments, sand quartzitic, calcareous sandstone nodules, greenish gray
5GY6/1, moderate flow, phosphatic nodules, oval, black
85-88 Shell hash, moderately consolidated, increase of phosphatic sands or siltstones (?),
Low to moderate flow
88-100.1 Claystone & shell hash, olive green

100-110	Claystone gray, poorly indurated
110-117	Claystone & shells, olive green phosphatic
117-120	Clay phosphatic,
Sand stone, green	
120-125	L.S.; calcilutite, very poorly indurated, phosphatic, 90%
Clay; 10%, light olive gray	
125-133	Sandstone; cemented shells, phosphatic olive green
133-140	Sandstone; phosphatic as above, pulsating flow
140-143	Shells; 98%, loosely consolidated, cemented phosphate fine grain
143-150	Shells loosely consolidated 60%
150-152	Shells, fragments loosely packed, 80%
Sandstone as in 133-140, 20%	
152-160	Clay; green, dark, phosphatic, plastic