

County: Surry
VDMR Well # 6047

Well: B-8
Property Owner:
Driller:
Location: Surry Landfill

Altitude Top of Hole: 99.3
Total Depth: 35.5
Started Drilling: 12/78
Completed Drilling: 4/78
Sample Description by: Becky Darnton

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0-29'	29'	Columbia Group	Pleistocene
29-35.5'	6.5'	Yorktown Fm	Pliocene

Depth
(feet)

GEOLOGIC LOG

W-6047

- 4.-5.5 Clay - very pale brown 10YR-7/3; moderate amount sand; fine to medium grained; poor sorting; ferricrete; feldspar; few heavy minerals.
- 9.0-10.5 Sand - yellowish brown 10YR-5/6; same to moderate clay; medium to coarse grained; poor sorting; subangular; feldspar; few qtz. pebbles; few heavies.
- 14.-15.5 Same as above, yellow 10YR-7/6; some clay; subrounded; no pebbles.
- 19.0-20.5 Same as above.
- 24.-25.5 Same as above; pale yellow 2.5Y-7/4; medium grained; some heavy minerals.
- 29.0-30.5 Clay - light gray 10YR-6/1; abundant sand; fine grained; moderate sorting; subangular; gypsum; 7-10% glauconite.
Sand - light yellowish brown 2.5Y-6/4; some to moderate clay; medium grained; poor sorting; subrounded feldspar; some heavies.
- 34.-35.5 Clay - light gray 10YR-6/1, moderate sand; very fine grained; moderate to poor sorting; some glauconite few heavy minerals;
Laminated with
Clay - dark gray 2.5Y-N4; some glauconite sulfur smell.

Depth
(feet)
7. - 8.5

Clay - very pale brown 10YR - 7/3 ; moderate amount sand ; fine to medium grained ; poor sorting ; ferricrete ; feldspar ; few heavy minerals

9.0 - 10.5 Sand - yellowish brown 10YR - 5/6 ; some to moderate clay ; medium to coarse grained ; poor sorting ; subangular ; feldspar ; few gtc. pebbles ; few heavies

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14. - 15.5 Same as above ; yellow 10YR - 7/6 ; some clay ; subrounded ; no pebbles

19.0 - 20.5 Same as above

Depth in
feet~~Surry landfill # 2~~

24. - 25.5 Same as above ; pale yellow 2.5Y - 7/4 ; medium grained ; some heavy minerals

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29.0 - 30.5 Clay - light gray 10YR - 6/1 ; abundant sand ; fine grained ; moderate sorting ; subangular ; gypsum ; 7-10% glauconite
Sand - light yellowish brown 2.5Y - 6/4 ; some to moderate clay ; medium grained ; poor sorting ; subrounded feldspar ; some heavies

34. - 35.5 Clay - light gray 10YR - 6/1 ; moderate sand ; very fine grained ; moderate to poor sorting ; ^{some} glauconite ; few heavy minerals ; laminated with
Clay - dark gray 2.5Y - N4 ; some glauconite
- sulfur smell