

County: Surry
VDMR Well # 6045

Well: B-6
Property Owner:
Driller:
Location: Surry Landfill

Altitude Top of Hole: 88.4
Total Depth: 35.5
Started Drilling: 12/78
Completed Drilling: 4/79
Sample Description by: Becky Darnton

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0-34'	34'	Columbia Group	Pleistocene
34'-35.5	1.5'	Yorktown Fm.	Pliocene

Depth
(feet)

GEOLOGIC LOG

W-6045

- 4.-5.5 Clay - strong brown 7.5YR-5/6; abundant sand; fine grained; moderate sorting; subangular; some muscovite; some heavy minerals.
- 9.0-10.5 Top-Clay - some as above; fine to medium grained; poor sorting, Bottom-Clay - strong brown 7.5YR-5/6 & light gray 10YR-7/11; moderate sand; fine to medium grained; poor sorting; subangular; mottled; some heavy minerals.
- 14.-15.5 Sand - brownish yellow 10YR-6/6; some clay; medium grained; moderately poor sorting; subangular; some heavy minerals; feldspar.
- 19.0-20.5 Same as above - brownish yellow 10YR-5/8; coarse grained 1" clay layer - light brownish gray 10YR 6/2.
- 29.0-30.5 Top - same sand as above; very coarse grained, Bottom-Clay - yellowish brown 10YR-5/8; some sand; very fine grained; moderately well sorted.
- 34.-35.5 Clay - dark gray 10YR-4/1; moderate amount sand; very fine to medium grained; poor sorting; subangular; 7% glauconite; sulfur small.

- Depth
(feet)
#6 7.5 - 5.5 Clay - strong brown 7.5YR - 5/6 ; abundant sand ; fine grained ; moderate sorting ; sub-angular ; some muscovite ; some heavy minerals
- #6 9.0 - 10.5 Top - Clay - same as above ; fine to medium grained ; poor sorting ;
Bottom - Clay - strong brown 7.5YR - 5/6 & light gray 10YR - 7/1 ; moderate sand ; fine to medium grained ; poor sorting ; subangular ; mottled ; some heavy minerals
- #6 14. - 15.5 Sand - brownish yellow 10YR - 6/6 ; some clay ; medium grained ; moderately poor sorting ; subangular ; some heavy minerals ; feldspar

~~Depth~~
feet

~~Sunny landfill #6~~

- #6 19.0 - 20.5 Same as above - brownish yellow 10YR - 5/8 ; coarse grained
1" clay layer - light brownish gray 10YR - 6/2
- #6 29.0 - 30.5 Top - Same sand as above ; very coarse grained
Bottom - Clay - yellowish brown 10YR - 5/8 ; some sand ; very fine grained ; moderately well sorted
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#6 34. - 35.5 Clay - dark gray 10YR - 4/1 ; moderate amount sand ; very fine to medium grained ; poor sorting ; subangular ; 7% glauconite ; sulfur smell