

County: Surry  
VDMR Well # 6042

Well: B-2  
Property Owner:  
Driller:  
Location: Surry Landfill

Altitude Top of Hole: 80.8  
Total Depth: 30.5  
Started Drilling: 12/78  
Completed Drilling: 4/79  
Sample Description by: Becky Darnton

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0-14'	14'	Columbia Group	Pleistocene
14-30.5'	16.5'	Yorktown Formation	Pliocene



Owner:  
Driller:  
County: Surry

W# - 6042  
C# -  
Total Depth:  
Quad:  
Elev:

Depth  
(feet)

GEOLOGIC LOG

- 4.0-5.5 Sand - yellowish brown (10 YR 5/6); some to moderate clay; coarse grained; poor sorting; subangular; few glauconite; feldspar; thin veins ferricrete.
- 9.0-10.5 Top - Sand - brownish yellow (10 YR 6/6); some clay; medium to very coarse grained; poor sorting; subangular; some heavy minerals; feldspar. Bottom - Clay - pink (5 YR 7/3); moderate sand; medium to coarse grained; poor sorting; "packets" of heavy mineral and quartz grain concentrations.
- 14.0-15.5 Clay - dark gray (7.5 R N4); moderate sand; fine to medium grained; poor sorting; subrounded; 2% glauconite; some quartz; sulfur smell.
- 19.0-20.5 Top - same as above; abundant sand; 15% glauconite; 10% quartz. Bottom - Sand - brown (7.5 YR 4/4); abundant clay; fine to medium grained; poor sorting; subangular; 7% glauconite; 3% shell fragments; few forams; feldspar.
- 24.0-25.5 Sand - yellowish brown (10 YR 5/4); abundant clay; fine to coarse grained; poor sorting; subangular; 15% shell fragments; 5% glauconite.
- 29.0-30.5 Clay - gray (5 Y 6/0); 7% quartz; 5% glauconite; 15% shell fragments; poor sorting.

Depth =  
(feet)

GEOLOGIC LOG

~~Curry landfill~~

# 4-5.5

Sand - yellowish brown 10YR - 5/6 ; some to moderate clay ; coarse grained ; poor sorting ; subangular ; few glauconite ; thin veins ferricrete, feldspar

# 9-10.5

Top - Sand - brownish yellow 10YR - 6/6 ; some clay ; medium to very coarse grained ; poor sorting ; subangular ; some heavy minerals ; feldspar  
Bottom - Clay - pink 5YR - 7/3 ; moderate sand ; medium to coarse grained ; poor sorting ; "pockets" of heavy mineral & gtz. grain concentrations.

# 14-15.5

Clay - dark gray 7.5YR - 1/4 ; moderate sand ; fine to medium grained ; poor sorting ; subrounded ; 2% glauconite ; some gtz. ; sulfur smell

# 19-20.5

Top - same as above ; abundant sand ; 15% glauconite ; 10% gtz.  
Bottom - Sand - brown 7.5YR - 4/4 ; abundant clay ; fine to medium grained ; poor sorting ; subangular ; 7% glauconite ; 3% shell fragments ; few forams ; ~~feldspar~~

# 24-25.5

Sand - yellowish brown 10YR - 5/4 ; abundant clay ; fine to coarse grained ; poor sorting ; subangular ; 15% shell fragments ; 5% glauconite

# 29-30.5

Clay - gray 5Y - 6/1 ; 7% gtz ; 5% glauconite ;