

Well: 5836

Property Owner: Commonwealth of Virginia

Driller: Froehling and Robertson

Location: Glen Allen 7½' Quadrangle. North side of secondary road opposite Laurel Church on U.S. Highway 33. East of where powerline crosses that road.

Elevation: 283 feet

Total Depth: 64.2 feet

Started drilling: June 26, 1972

Completed drilling: June 27, 1972

Sample description by: B. K. Goodwin

GEOLOGIC LOG

Depth in
feet

- | | |
|-------|---|
| 0-3 | Pebbly sand - light gray to grayish tan; a few rounded quartz pebbles; silty fine to medium sand matrix with angular to slightly rounded quartz grains. |
| 3-5 | Pebbly sand - tan; abundant angular to slightly rounded quartz grains; a few impressions of pebbles; some completely decomposed feldspar. |
| 5-10 | Granite saprolite - pink; medium-grained; recognizable feldspar fragments. |
| 10-15 | Granite saprolite - pink; medium grained. |
| 15-20 | Granite saprolite - tannish brown; fine to medium grained. |
| 20-25 | Granite saprolite - light brown slightly mottled with light red; fine to medium grained; abundant muscovite. |
| 25-30 | Granite saprolite - gray to light brown; dominated by very coarse quartz grains which are rounded to slightly angular; very minor clay matrix. |
| 30-35 | Granite saprolite - light brown; coarse-grained; abundant quartz grains. |
| 35-40 | Granite saprolite - light brown; medium grained; completely decomposed. |
| 40-45 | Granite saprolite - light brown; medium grained; completely decomposed. |
| 45-50 | Granite saprolite - light brown; medium grained; completely decomposed. |
| 50-55 | Granite saprolite - very light brown; medium grained; feldspars weathered white. |
| 55-60 | Granite saprolite - very light brown; numerous slightly rounded grains of gray quartz. |

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-5	Upland gravel	Tertiary
5-60	Petersburg granite	Upper Paleozoic