





Well: 5837

Property Owner: Commonwealth of Virginia

Driller: Froehling and Robertson

Location: Glen Allen 7 ½' Quadrangle. East side of U.S. Highway 33, .78 mile south of intersection of U.S. Highway 33 with State Road 157.

Elevation: 270 feet

Total Depth: 60 feet

Started drilling: June 27, 1972

Completed drilling: June 27, 1972

GEOLOGIC LOG

Depth in  
feet

- |       |   |
|-------|---|
| 0-3   | Silty sand - mottled light gray and yellowish brown; fine grained; a few well rounded quartz granules and pebbles.                            |
| 3-5   | Pebbly sand - mottled light gray, reddish brown, and brown; fine grained; a few slightly rounded to well rounded quartz granules and pebbles. |
| 5-10  | Sand - white mottled with reddish brown; very fine grained.   |
| 10-15 | Sand - white mottled with reddish brown; very fine grained.   |
| 15-20 | Granite saprolite - pink and white; medium grained.   |
| 20-25 | Granite saprolite - pink and white; medium grained.   |
| 25-30 | Granite saprolite - light pinkish tan; medium grained.  |
| 30-35 | Granite saprolite - light pinkish tan; medium grained.  |
| 35-40 | Granite saprolite - pinkish tan; medium grained; crumbly; dominantly quartz grains.   |
| 40-45 | Granite saprolite - pinkish tan; medium grained; crumbly; mixture of quartz and feldspar grains.  |
| 45-50 | Granite saprolite - pinkish tan; medium grained; quartz and decomposed feldspar; cohesive.  |
| 50-55 | Granite saprolite - pinkish tan; medium grained; cleavage planes remain in feldspars; less decomposed than above saprolites.                  |
| 55-60 | Granite saprolite - pinkish tan; medium grained; a few glassy feldspar cleavage fragments visible; less decomposed than saprolites above.     |

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-15	Upland gravel	Tertiary
15-60	Petersburg granite	Upper Paleozoic