INTERVAL SHEET WWCR: 198

F e 1 of 1 VDMR Well No: 2228

Date rec'd: 8/27/68 Sample Interval: from 0 to: 120'

PROP: Edward L. Muller (Shell Service Station) Number of samples: 12

COMP: Sydnor Hydrodynamics, Inc. Total Depth: 122'

COUNTY: Henrico (Highland Springs) Oil or Gas: Water: XExploratory:

| | From-To | From-To | From-To | From-To |
|--------------|--------------|----------|----------------|----------------|
| | 0 - 10 | - | - | , - |
| | 10 - 20 | - | - | - |
| | 20 - 30 | - | - | - |
| | 30 - 40 | - | - | - |
| | 40 ~ 50 | - | - | - |
| | 50 - 60 | - | - | - |
| | 60 - 70 | - | - ' | - |
| | 70 - 80 | - | - | _ |
| \bigcirc | 80 - 90 | - | - | - |
| \bigcup | 90 - 100 | - | - | - |
| | 100 - 110 | - | - | - |
| | 110 - 120 | - | - | - |
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All intervals have washed and unwashed samples.

OWNER: Edward L. Muller (Shell Service Station)

DRILLER: Sydnor Hydrodynamics, Inc.

VDMR: 2228 WWCR: 198

COUNTY: Henrico (Highland Springs)

TOTAL DEPTH: 122'

GEOLOGIC LOG

| Depth in feet | | | |
|---------------|---|--|--|
| 0-10 | Saprolite — reddish-tan; weathered and slightly iron- oxide-stained granite; clay; slightly re-worked (?) | | |
| 10-20 | tan tan | | |
| 20-30 | Saprolite — brown; slightly-weathered granite; very micaceous | | |
| 30-40 | 11 | | |
| 40-50 | 11 | | |
| 50-60 | 11 | | |
| 60-70 | Porphyritic biotite granite — gray and pink, medium- to fine-grained; quartz, feldspar, and biotite; phenocrysts of pink feldspar | | |
| 70-80 | 11 | | |
| 80-90 | 11 | | |
| 90-100 | Biotite granite — gray, fine-to medium-grained; quartz, feldspar and biotite | | |
| 100-110 | II | | |
| 110-120 | 11 | | |
| 120-122 | No sample | | |
| | GEOLOGIC SUMMARY | | |
| | ROCK UNIT AGE | | |

| | ROCK UNIT | \underline{AGE} |
|----------|------------------------|-------------------|
| 0-60t | Saprolite | |
| 60-120' | Petersburg Granite (?) | Paleozoic (?) |
| 120-1221 | No sample | |

Virginia Division of Mineral Resources Robert G. Willson, Geologist August 30, 1968