| FOe 1 of 1 | WWCR: 76 VDMR Well No: 2256 | | |
|--|----------------------------------|--|--|
| Date rec'd: 10/16/68 | Sample Interval: from 0 to: 300' | | |
| PROP: Virginia Dept. of Highways | Number of samples: 27 | | |
| COMP: Virginia Well Drilling Co., Inc. | Total Depth: 305' | | |
| COUNTY: Rockbridge (Fancy Hill) Oil or Gas: Water: XExplor | | | |

| From-To | From-To | From-To | From-To |
|------------|----------|------------|---------|
| 0 - 10 | _ | - | - |
| 10 - 20 | - | . – | - |
| ·· 20 - 30 | — | - | - |
| 30 - 40 | - | - | - |
| - | - | - | - |
| 50 - 60 | - | - | - |
| 60 - 70 | - | - | - |
| 70 - 80 | - | - | - |
| 80 - 90 | - | - | - |
| 90 - 100 | - | - | - |
| 100 - 110 | - | - | - |
| 110 - 120 | - | - | - |
| 120 - 130 | - | - | - |
| 130 - 140 | - | - | - |
| 140 - 150 | - | - | - |
| 150 - 160 | - | - | - |
| - | - | - | - |
| 170 - 180 | - | - | - |
| 180 - 190 | - | - | - |
| - | - | - | - |
| 200 - 210 | - | - | - |
| 210 - 220 | - | - | - |
| 220 - 230 | - | - | - |
| 230 - 240 | - | - | - |
| 240 - 250 | - | - | - |
| 250 - 260 | - | - | - |
| 260 - 270 | - | - | - |
| 270 - 280 | - | - | - |
| 280 - 290 | - | - | - |
| 290 - 300 | - | - | - |

GEOLOGIC LOG

Depth in feet

| 0-10 | Clay - brown; minor amount of brown-stained quartz |
|---------|---|
| 10-20 | Dolomite — medium-gray; fine-to medium-grained, very hard, argillaceous |
| 20-30 | " with some light-gray dolomite |
| 30-40 | Dolomite — medium-and light-gray; fine-to medium- grained, very hard, argillaceous |
| 40-50 | No sample |
| 50-60 | Dolomite — medium-and light-gray; fine-to medium- grained, very hard, argillaceous |
| 60-70 | Dolomite — medium-to dark-gray; fine-grained, argillaceous; trace of vein dolomite; minor amount of olive-gray dolomite |
| 70-80 | 11 |
| 80-90 | 11 |
| 90-100 | with minor amount of arenaceous, medium-gray dolomite |
| 100-110 | Dolomite — medium-gray; fine-grained, arenaceous |
| 110-120 | Dolomite — medium-gray; fine-grained; trace of pyrite |
| 120-130 | Dolomite — medium-gray; fine-grained, arenaceous |
| 130-140 | н |
| 140-150 | " with traces of vein dolomite and pyrite |
| 150-160 | 87 87 |
| 160-170 | No sample |
| 170-180 | Dolomite — medium-gray; fine-grained, arenaceous; traces of pyrite and vein dolomite |
| 180-190 | " with some olive-gray dolomite |

| OWNER: Via | rginia Department of Highways | #2256 |
|------------|---|---------------|
| 190-200 | No sample | |
| 200-210 | Dolomite — medium-gray; fine-grained; a dolomite | trace of vein |
| 210-220 | Dolomite — medium-gray; fine-grained, | arenaceous |
| 220-230 | 11 | |
| 230-240 | 11 | |
| 240-250 | ** | |
| 250-260 | 11 | |
| 260-270 | 11 | |
| 270-280 | TT | |
| 280-290 | " very arenaceous | |
| 290-300 | ** | |
| 300-305 | No sample | |

GEOLOGIC SUMMARY

Rock Unit

Age

Conococheague Formation

Late Cambrian

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Virginia Division of Mineral Resources W. W. Winters, Geologist October 23, 1968