

OWNER: Lower Tuckahoe Land Co., Well #6  
DRILLER: Sydnor Well and Pump Co., Inc.  
COUNTY: Goochland (Manakin)

VDMR: 1657  
WWCR: 53  
TOTAL DEPTH: 256'

GEOLOGIC LOG

Depth in feet

|         |   |
|---------|---|
| 0-10    | Soil - tan; weathered pebbles, sand; silt and clay  |
| 10-20   | Silty Sandstone - gray; very fine-grained sand and silt; non-fissile, slightly micaceous and calcareous                             |
| 20-30   | "   |
| 30-40   | Sandy Siltstone - gray; silty, with very fine-grained sand; non-fissile to very slightly fissile; slightly micaceous and calcareous |
| 40-50   | "   |
| 50-60   | "   |
| 60-70   | " with pyrite   |
| 70-80   | " with 10% fine-grained, micaceous sandstone and 10% black, carboniferous shale   |
| 80-90   | " with 10% fine-grained, micaceous sandstone and 25% black, carboniferous shale   |
| 90-100  | " "   |
| 100-110 | " with 10% fine-grained, micaceous sandstone and 10% black, carboniferous shale   |
| 110-120 | " with 15% black, carboniferous shale; some pyrite  |
| 120-130 | " "   |
| 130-140 | Sandy Siltstone - gray; silty with very fine-grained sand; non-fissile to slightly-fissile; slightly micaceous sandstone            |
| 140-150 | "   |
| 150-160 | "   |
| 160-170 | "   |
| 170-180 | "   |

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|         |  |
|---------|--|
| 180-190 | Silty Sandstone - gray; silty, with fine-grained sand; non-fissile, slightly micaceous and calcareous; some sandy siltstone and black shale                          |
| 190-200 | "  |
| 200-210 | " with 10% black shale   |
| 210-220 | " with 30% sandy siltstone and 10% black shale   |
| 220-230 | " "  |
| 230-240 | Sandy Siltstone - gray; silty, with very fine-grained sand; non-fissile to slightly fissile; slightly micaceous and calcareous; some silty sandstone and black shale |
| 240-250 | "  |
| 250-256 | No sample  |

GEOLOGIC SUMMARY

| <u>Rock Unit</u> | <u>Age</u> |
|------------------|------------|
| Newark Group     | Triassic   |

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
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