

INTERVAL SHEET

WWCR: 1015

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VDMR Well No: 1798

Date rec'd: 1/25/67

Sample Interval: from 5' to: 522'

PROP: Sydnor Hydrodynamics, Inc.
(Montvue Sub., Well #4)

Number of samples: 51

COMP: Sydnor Hydrodynamics

Total Depth: 522'

COUNTY: Albemarle (Charlottesville)

Oil or Gas: Water: Exploratory:

| From-To | From-To | From-To | From-To |
|-----------|-----------|---------|---------|
| No_Sample | 295 - 305 | - | - |
| 5 - 15 | 305 - 315 | - | - |
| 15 - 25 | 315 - 325 | - | - |
| 25 - 35 | 325 - 335 | - | - |
| 35 - 45 | 335 - 345 | - | - |
| 45 - 55 | 345 - 355 | - | - |
| 55 - 65 | 355 - 365 | - | - |
| 65 - 75 | 365 - 375 | - | - |
| 75 - 85 | 375 - 385 | - | - |
| 85 - 95 | 385 - 395 | - | - |
| 95 - 105 | 395 - 405 | - | - |
| 105 - 115 | 405 - 415 | - | - |
| 115 - 125 | 415 - 425 | - | - |
| 125 - 135 | 425 - 435 | - | - |
| 135 - 145 | 435 - 445 | - | - |
| 145 - 155 | 445 - 455 | - | - |
| 155 - 165 | 455 - 465 | - | - |
| 165 - 175 | 465 - 475 | - | - |
| 175 - 185 | 475 - 485 | - | - |
| 185 - 195 | 485 - 500 | - | - |
| 195 - 205 | 500 - 510 | - | - |
| 205 - 215 | 510 - 522 | - | - |
| 215 - 225 | - | - | - |
| 225 - 235 | - | - | - |
| 235 - 245 | - | - | - |
| 245 - 255 | - | - | - |
| 255 - 265 | - | - | - |
| 265 - 275 | - | - | - |
| 275 - 285 | - | - | - |
| 285 - 295 | - | - | - |

All intervals have both washed and unwashed samples

OWNER: Sydnor Hydrodynamics, Inc.
(Montvue Subdivision, Well #4)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Albemarle (Charlottesville)

VDMR: 1798
WWCR: 1015
TOTAL DEPTH: 522'

GEOLOGIC LOG

Depth in feet

| | |
|---------|--|
| 0-5 | No sample |
| 5-15 | Saprolitic gneiss - gray, very minor iron-oxide staining on some grains, angular fragments and medium to fine grains; quartz, feldspar, and fragments of biotite gneiss |
| 15-25 | " |
| 25-35 | " |
| 35-45 | Biotite gneiss - gray, fine-grained, foliated, very micaceous; biotite, feldspar, quartz, muscovite; traces of coarse-grained 1/2 to 1 cm, feldspar and quartz |
| 45-55 | " |
| 55-65 | " |
| 65-75 | " |
| 75-85 | " |
| 85-95 | " |
| 95-105 | " slickensides |
| 105-115 | Biotite-muscovite-gneiss - gray, foliated, micaceous, fine-grained quartz, feldspar, biotite and muscovite; with coarse, 1/2 to 1-1/2 cm crystalline feldspar and quartz |
| 115-125 | " |
| 125-135 | " |
| 135-145 | " |
| 145-155 | " |
| 155-165 | " |

| | |
|---------|--|
| 165-175 | Biotite-muscovite-gneiss - gray, foliated, micaceous, fine-grained quartz, feldspar, biotite and muscovite; with coarse, 1/2 to 1-1/2 cm crystalline feldspar and quartz |
| 175-185 | " |
| 185-195 | " |
| 195-205 | " |
| 205-215 | " |
| 215-225 | " |
| 225-235 | " |
| 235-245 | " |
| 245-255 | " |
| 255-265 | " |
| 265-275 | " traces of epidote and pyrite |
| 275-285 | " more biotite, no coarse quartz or feldspar |
| 285-295 | " |
| 295-305 | " |
| 305-315 | " |
| 315-325 | " |
| 325-335 | " |
| 335-345 | " |
| 345-355 | " |
| 355-365 | " |
| 365-375 | " |
| 375-385 | " |

| | |
|---------|--|
| 385-395 | Biotite-muscovite-gneiss - gray, foliated, micaceous, fine-grained quartz, feldspar, biotite and muscovite; with coarse, 1/2 to 1-1/2 cm crystalline feldspar and quartz |
| 395-405 | " |
| 405-415 | " |
| 415-425 | " |
| 425-435 | " |
| 435-445 | " |
| 445-455 | " |
| 455-465 | " |
| 465-475 | " |
| 475-485 | " |
| 485-500 | " |
| 500-510 | " |
| 510-522 | " |

GEOLOGIC SUMMARY

| | <u>Rock Unit</u> | <u>Age</u> |
|---------|-----------------------|-------------|
| 0-5' | No Sample | |
| 5-35' | Saprolite | |
| 35-522' | Rockfish conglomerate | Precambrian |

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
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