INTERVAL SHEET WWCR: 36

to: 2031

Page 1 of 1 VDMR Well No: 2206

Date rec'd: 6/27/68 Sample Interval: from 0

PROP: Comm. of Virginia Number of samples: 18

(Road Force Camp #29)

COMP: Donald Burke Total Depth: 203'

COUNTY: Buchanan (Indian Gap) Oil or Gas: Water:X Exploratory:

| | From-To | From-To | From-To | From-To |
|------------|--------------|--------------|--------------|------------|
| | 0 - 30 | - | - | _ |
| | 30 - 40 | - | - | · - |
| | 40 - 50 | _ | - | - |
| | 50 - 60 | _ | - | - |
| | 60 - 70 | - | - | |
| | 70 - 80 | - | - | - |
| | 80 - 90 | - | - | - |
| | 90 - 100 | <u>-</u> | - | - |
| | 100 - 110 | - | - | - |
| \bigcirc | 110 - 120 | - | - | · - |
| | 120 - 130 | - | ~ | - |
| | 130 - 140 | - | - | - |
| | 140 - 150 | - | - | - |
| | 150 - 160 | - | - | - |
| | 160 - 170 | ~ | ~ | - |
| | 170 - 180 | · ~ | ~ | - |
| | 180 - 190 | ~ | ~ | - |
| | 190 - 203 | ~ | - | - |
| | - | - | - | - |
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All intervals have both washed and unwashed samples

OWNER: State Convict Road Force Camp #29

DRILLER: Donald Burke

COUNTY: Buchanan (Indian Gap)

VDMR: 2206 WWCR: 36

TOTAL DEPTH: 203'

GEOLOGIC LOG

| Depth in feet | | | | | |
|---------------|--|---|--|--|--|
| 0-30 | Siltstone — dark-gray, micaceous, argillaceous, carbonaceous and slightly arenaceous; trace of gypsum | | | | |
| 30-40 | 11 | | | | |
| 40-50 | 11 | minor amount | t of light-gray sandstone | | |
| 50-60 | Sandstone — light-gray, coarse-grained, carbonaceous; quartz, feldspar, muscovite and biotite grains in an argillaceous, micaceous matrix; trace of coal | | | | |
| 60-70 | 11 | with minor ar | nount of gray shale | | |
| 70-80 | 11 | decrease in a | mount of biotite | | |
| 80-90 | 11 | with traces of | f biotite and siderite | | |
| 90-100 | 11 | (approximately 60-80% of sample: other 20%-40% is gray shale) | | | |
| 100-110 | *************************************** | II | with small amounts of dark-gray rock fragments incorporated in the sandstone; trace of siderite | | |
| 110-120 | Siltstone — medium-gray, micaceous; minor amount of sandstone | | | | |
| 120-130 | Sandstone — light-gray, coarse-grained, carbonaceous; quartz, feldspar, muscovite, and biotite grains in argillaceous, micaceous matrix; trace of siderite | | | | |
| 130-140 | 11 | | | | |
| 140-150 | ff | very coarse- | grained | | |
| 150-160 | 11 | 11 | | | |
| 160-170 | Shale - dark-gray, | , micaceous, s | lightly silty | | |

OWNER: State Convict Road Force Camp #29

#2206

170-180

Siltstone - dark-gray, micaceous, carbonaceous

180-190

11

190-203

Shale - dark-gray, micaceous, slightly silty

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Norton Formation

Pennsylvanian

Virginia Division of Mineral Resources William W. Winters, Geologist July 10, 1968