

INTERVAL SHEET

WELL NO. 862

WWCR 454

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VDMR Well No.: _____

Date 7-22-63

Sample Interval: from 15 to 345

PROP: JOHN A. SLOVENSKY

Total depth 350

COMP: F. MARTIN WELL DRILLING

Oil _____ Gas _____ Water Exploratory _____

COUNTY: ROANOKE (ROANOKE)

VDMR WELL NO: W-862

Cuttings Core _____ Other _____

FROM: TO:

From-To From-To From-To From-To From-To

0 - 15 NO SAMPLE
 15 - 25 305 - 315
 25 - 35 315 - 325
 35 - 45 325 - 335
 45 - 55 335 - 345

insufficient quantity
 of material to wash

55 - 65
 65 - 75
 75 - 85
 85 - 95
 95 - 105

105 - 115
 115 - 125
 125 - 135
 135 - 145
 145 - 155

155 - 165
 165 - 175
 175 - 185
 185 - 195
 195 - 205

205 - 215
 215 - 225
 225 - 235
 235 - 245
 245 - 255

255 - 265
 265 - 275
 275 - 285
 285 - 295
 295 - 305

OWNER: John A. Slovensky
DRILLER: F.W. Martin Drilling Co.
COUNTY: Roanoke (Roanoke)

VDMR 862
WWCR 454
TOTAL DEPTH 350'

GEOLOGIC LOG

| | |
|---------|--|
| 15-25 | Saprolite - weathered granodiorite, milky & tan, strained quartz, feldspar & hypersthene fragments |
| 25-35 | As above |
| 35-45 | As above |
| 45-55 | Hypersthene granodiorite - coarse to fine grained, milky & bluish green quartz fragments, microcline feldspar |
| 55-65 | Granodiorite - coarse to fine grained, (X-Ray analysis: feldspar 65%, quartz 30%, minor amounts of hypersthene & chlorite) |
| 65-75 | As above |
| 75-85 | As above - abundant weathered material, decrease in feldspar content |
| 85-95 | Hypersthene granodiorite - coarse to fine grained |
| 95-100 | As above |
| 105-115 | Hypersthene granodiorite - coarse to fine grained, quartz & pyrite fragments |
| 115-125 | As above |
| 125-135 | As above - considerable amount of weathered material |
| 135-145 | Hypersthene granodiorite - coarse to fine grained |
| 145-155 | As above |
| 155-165 | As above |
| 165-175 | As above |
| 175-185 | As above |
| 185-195 | As above |
| 195-205 | As above |
| 205-215 | As above |
| 215-225 | As above |

| | |
|---------|--|
| 225-235 | As above |
| 235-245 | As above |
| 245-255 | Quartz monzonite - X-Ray analysis: feldspar 64% (equal amounts of plagioclase and orthoclase), quartz 34%, minor amounts of hypersthene & chlorite |
| 255-265 | Hypersthene granodiorite - traces of muscovite, biotite, and pyrite, some weathered material |
| 265-275 | Hypersthene granodiorite - coarse to fine grained |
| 275-285 | As above - considerable amount of weathered material |
| 285-295 | Hypersthene granodiorite - some weathered material |
| 295-305 | As above |
| 305-315 | Hypersthene granodiorite - considerable amount of weathered material |
| 315-325 | As above |
| 325-335 | As above |
| 335-345 | Hypersthene granodiorite - some weathered material |

GEOLOGIC SUMMARY

| <u>AGE</u> | <u>ROCK UNIT</u> |
|-------------|---|
| Precambrian | Undifferentiated metamorphic & igneous rock |

Virginia Division of Mineral Resources
Roger C. Wilkenloh - Geologist
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