

INTERVAL SHEET

WWCR: 55

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VDMR Well No: 1814

Date rec'd: 2/20/67

Sample Interval: from 0' to: 308'

PROP: Sydnor Hydrodynamics
(Goochland, Well #4)

Number of samples: 31

COMP: Sydnor Hydrodynamics

Total Depth: 308'

COUNTY: Goochland (Goochland)

Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 308	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples

OWNER: Sydnor Hydrodynamics, Inc. (Goochland, Well #4)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Goochland (Goochland)

VDMR: 1814
WWCR: 55
TOTAL DEPTH: 308'

GEOLOGIC LOG

Depth in feet

0-10	Saprolite - brown, weathered and iron-oxide stained, angular fragments of fine-grained gneiss; feldspar, mica, quartz, and garnet
10-20	"
20-30	"
30-40	"
40-50	"
50-60	Gneiss - purplish-gray, fine-grained, slightly lineated to foliated, schistose, garnetiferous; feldspar, quartz, muscovite, garnet, and biotite, with traces of chlorite, pyrite and amphiboles
60-70	"
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	" slightly darker; slight increase in garnet and biotite
150-160	" slightly darker; some red-brown biotite
160-170	" "
170-180	" "

180-190	Gneiss - purplish-gray, fine-grained, slightly lineated to foliated, schistose, garnetiferous; feldspar, quartz, muscovite, garnet, and biotite, with traces of chlorite, pyrite and amphiboles; slightly darker; some red-brown biotite
190-200	"
200-210	"
210-220	"
220-230	Schistose gneiss - dark gray, fine-grained, very micaceous, foliated; biotite, chlorite, feldspar, quartz, muscovite and garnet
230-240	"
240-250	Gneiss - purplish-gray, fine-grained, foliated, schistose, garnetiferous; feldspar, quartz, garnet, white and green muscovite, garnet and biotite, with traces of chlorite, pyrite and amphiboles
250-260	"
260-270	"
270-280	" gray - only a trace of garnet
280-290	" "
290-300	" "
300-308	" "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50'	Saprolite	
50-308'	Wissahickon Formation	Precambrian (?)

Virginia Division of Mineral Resources
 Robert G. Willson, Geologist
 December 29 , 1967