

INTERVAL SHEET

WWCR 283

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VDMR Well No: 1588

Date rec'd: May 11, 1966

Sample Interval: from 0 to 300

PROP: Virginia Department of Highways  
Interstate 95 Rest Area, well #2  
COMP: Moseley & Nash

Number of samples: 30

Total Depth: 300

COUNTY: Prince William (Woodbridge)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
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: Virginia Department of Highways  
Interstate 95 Rest Area, well #2  
DRILLER: Moseley & Nash  
COUNTY: Prince William (Woodbridge)

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TOTAL DEPTH : 300'

GEOLOGIC LOG

0- 10	Overburden -- clay, quartz, limonite
10- 20	"
20- 30	"
30- 40	Sand -- gray; very coarse and argillaceous, arkosic
40- 50	Slate -- black; graphitic, soft, platy, splintery; large pyrite crystals and iron-stained quartz crystals filling fracture voids
50- 60	"
60- 70	" with silicates and quartz crystals in partings
70- 80	" "
80- 90	" "
90-100	Slate -- black; graphitic, soft, platy, splintery; large pyrite crystals and iron-stained quartz crystals filling fracture voids
100-110	"
110-120	" with vein quartz
120-130	" "
130-140	"
140-150	Slate -- black; dull luster, graphitic, soft, platy; various-sized pyrite crystals and silicate between some slate laminae
150-160	" with vein quartz
160-170	Slate -- black; dull luster, graphitic, soft, platy; various-sized pyrite crystals and silicate between some slate laminae with pyrite crusts on fractures

170-180	Slate	— black; dull luster, graphitic, soft, platy; various-sized pyrite crystals and silicate between some slate laminae
180-190	"	(sample contaminated by near surface clays)
190-200	"	
200-210	"	abundant vein quartz and pyrite
210-220	"	" "
220-230	Slate	— black; dull luster, graphitic, soft, platy; various-sized pyrite crystals and silicate between some slate laminae
230-240	"	
240-250	"	
250-260	"	
260-270	"	
270-280	"	
280-290	"	
290-300	"	

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0- 30	Overburden and weathered rock	
30- 40	Patuxent Formation	Lower Cretaceous
40-300	Quantico Slate	Ordovician

Note: Driller reported all water obtained between 50'-160'.

Virginia Division of Mineral Resources  
Warren J. Souder, Geologist  
August 1966