

INTERVAL SHEET

WWCR: 130

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VDMR Well No: 1566

Date rec'd: 4/26/66

Sample Interval: from 0 to: 650'

PROP: Vint Hills Farm Sta. (U. S. Army)

Number of samples: 64

COMP: Sydnor P & W Co.

Total Depth: 650'

COUNTY: Fauquier (Warrenton)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 14	310 - 320	610 - 620	-
14 - 25	320 - 330	620 - 630	-
25 - 35	330 - 340	630 - 640	-
35 - 45	340 - 350	640 - 650	-
45 - 55	350 - 360	-	-
55 - 65	360 - 370	-	-
65 - 75	370 - 380	-	-
75 - 85	380 - 390	-	-
85 - 95	390 - 400	-	-
95 - 110	400 - 410	-	-
110 - 120	410 - 420	-	-
120 - 130	420 - 430	-	-
130 - 140	430 - 440	-	-
140 - 150	440 - 450	-	-
150 - 160	450 - 460	-	-
160 - 170	460 - 470	-	-
170 - 180	470 - 480	-	-
180 - 190	480 - 490	-	-
190 - 200	490 - 500	-	-
200 - 210	500 - 510	-	-
210 - 220	510 - 520	-	-
220 - 230	520 - 530	-	-
230 - 240	530 - 540	-	-
240 - 250	540 - 550	-	-
250 - 260	550 - 560	-	-
260 - 270	560 - 570	-	-
270 - 280	570 - 580	-	-
280 - 290	580 - 590	-	-
290 - 300	590 - 600	-	-
300 - 310	600 - 610	-	-

All intervals have both washed and unwashed samples

OWNER: Vint Hills Farm Station
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Fauquier (Warrenton)

VDMR: 1566
WWCR: 130
TOTAL DEPTH: 650'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-14	Weathered Clay
14-25	Diabase - gray, dark-gray, greenish, fine-grained, some slickensides
25-35	"
35-45	"
45-55	"
55-65	"
65-75	"
75-85	"
85-95	"
95-110	"
110-120	" with trace of vein quartz, pyrite
120-130	"
130-140	"
140-150	Diabase - gray, dark gray, greenish tinted, fine grained
150-160	" trace pyrite
160-170	" "
170-180	"
180-190	"
190-200	" with slickensides, very thin calcite veins, trace pyrite
200-210	"
210-220	"

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220-230	Diabase - gray, dark gray, greenish tinted, fine grained; trace pyrite
230-240	"
240-250	Diabase - gray, dark gray, greenish tinted, fine grained
250-260	" slickensides
260-270	" "
270-280	"
280-290	" trace thin calcite vein
290-300	Diabase - gray, dark gray, greenish tinted, fine-grained
300-310	"
310-320	Shale - dark reddish-brown, fine mica flakes, siliceous to silty, slightly calcareous, some diabase chips
320-330	"
330-340	" with fine-grained argillaceous sandstone
340-350	" "
350-360	" " and thin calcite veins
360-370	"
370-380	"
380-390	" with fine grained argillaceous sandstone
390-400	" "
400-410	" " slickensides, gray shale
410-420	" "
420-430	Shale - dark reddish-brown, fine mica flakes, slightly calcareous, siliceous to sandy, interbedded sandstone, fine-grained
430-440	"
440-450	"
450-460	"

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460-470	Shale	- dark reddish-brown, fine mica flakes, slightly calcareous, siliceous to sandy, interbedded sandstone, fine-grained
470-480	"	
480-490	"	
490-500	"	with fine grained, light-reddish-brown and gray, green sandstone
500-510	Sandstone	- light-gray-green, light reddish-brown, fine-grained, fine mica flakes, cal careous; some reddish-brown and gray, micaceous shale
510-520	"	increase in shale
520-530	"	"
530-540	"	"
540-550	"	considerable increase in dark reddish-brown shale
550-560	Sandstone	- light to medium gray-green, fine grained, mica flakes, calcareous; some interbedded, dark-reddish-brown, fine mica flakes
560-570	"	
570-580	"	some dark-gray shale
580-590	"	
590-600	"	
600-610	"	some dark-gray shale
610-620	"	
620-630	"	
630-640	"	calcite veins
640-650	"	

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GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-14	Overburden	
14-310	Diabase	Triassic?
310-650	Newark Group	Triassic

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
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