INTERVAL SHEET

WWCR 594

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	ndation (Morver p & Well Co.				_Gas_	Wate	er_X	Explora	tory	У	
COUNTY: Loudoun (Le	esburg)		Cu-	ttino	as I	X Core	9	Other			
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OWNER: Westmoreland Davis Memorial Foundation

(Morven Park)

VDMR #1337 WWCR #594

DRILLER: Sydnor Pump and Well Company, Inc.

COUNTY: Loudoun (Leesburg)

TOTAL DEPTH: 355'

GEOLOGIC LOG

Over	burden	(0-601)

320-350

350-355

No sample.

Overburden (0	-60¹)		
0-20	Clay and Sand — light-brown, silt to coarse sand; angular fragments, metamorphosed basalt, sandstone, and vein quartz often with hematite, limonite, and magnetite, minor mica.		
20-40	As above.		
40-60	As above — very-pale-pink.		
60-80	No sample.		
Catoctin Formation (80-350')			
80-100	Weathered Metamorphosed Basalt — medium-brownish-orange- gray, fine- to medium-grained; chlorite, sericite, epidote, magnetite; minor quartz, clay and iron oxides, seams of manganese oxides.		
100-140	As above — less manganese oxides.		
140-200	No samples.		
200-220	Metamorphosed Basalt — medium-purple-gray- to green-gray, fine- to medium-grained; chlorite, epidote, sericite, magnetite, and other iron oxides; minor vein quartz and silicified metamorphosed basalt.		
220-240	Greenstone — medium-dark-greenish-gray, medium-fine-grained, slight foliation; chlorite, sericite, amphibole, epidote, plagio-clase, magnetite, minor hematite, and vein quartz.		
240-260	As above — less foliated, trace purple-brown weathering stain.		
260-280	As above.		
280-300	As above — minor vein of fine-grained quartz and sericite.		
300-320	As above — less purple stain; minor pyrite, more sericite.		

As above - more hematite and limonite stain, more epidote.

OWNER: Westmoreland Davis Memorial Foundation (Morven Park)

GEOLOGIC SUMMARY

	ROCK UNIT	TIME ROCK UNIT
0-60	Overburden	Recent
60-80	No sample	
80-350	Catoctin Formation	Cambrian ?
350-355	No sample	

Virginia Division of Mineral Resources Hollis N. Walker, Geologist August 2, 1965