INTERVAL SHEET

WWCR 595 VDMR Well No.: Well No. 1336 Page___l Sample Interval: from 0 to 220 Date 7/22/65 Loudoun Co. School Bd. Total depth 225 PROP: (Hillsboro Schools) Oil___Gas___Water_X_Exploratory_____ COMP: Sydnor Pump & Well Co. COUNTY: Loudoun Cuttings X Core Other VDMR Well No: W-1336 Washed samples From-To From-To From-To From-To From-To 0 - 20 20 -40 40 -60 60-70 70 -90 90 - 100 100 - 120 120 - 150 150 - 170 170 200 200 220 220_ 225 No sample _

OWNER: Loudoun County School Board (Hillsboro Schools)

VDMR #1336

DRILLER: Sydnor Pump and Well Company, Inc.

WWCR #595

COUNTY: Loudoun

TOTAL DEPTH: 225'

GEOLOGIC LOG

Catoctin	Formation	(0-2201)
Caloculi	T OI III ation	10-220

Catoctin Form	nation (0-220')	
0-20	Clay (sandy) — cream-colored, rounded, fine sand to granule sizes, quartz, and sandstone, some fragments with hematite and/or limonite stain.	
20-40	As above — most fragments porous, fine-grained, white sand- stone and siltstone, minor fragments metamorphosed basalt and vein quartz.	
40-60	As above - slightly pink; increased hematite.	
60-70	As above.	
70-90	Metamorphosed Basalt — dark-gray-green to bright-yellow-green; medium-grained, slightly foliated; amphibole, chlorite, epidote, plagioclase, magnetite; minor quartz, calcite; leached to siliceous clay with minor iron oxide stain on fractures.	
90-100	As above.	
100-120	As above - with minor sericite and pyrite.	
120-150	As above.	
150-170	Metamorphosed Basalt — dark-gray-green to yellow-green and pale-green, medium-grained; slightly foliated; amphibole, chlorite, epidote, plagioclase, magnetite; brecciated, and recemented vein quartz with clay and minor iron oxides.	
170-200	As above.	
200-220	As above — minor specular hematite.	
220-225	No sample.	
	GEOLOGIC SUMMARY	
	ROCK UNIT TIME ROCK UNIT	

	ROCK UNIT	TIME ROCK UNIT	
0-220	Catoctin Formation	Cambrian ?	
220-225	No sample		

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