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Page_1		VDMR Well No.: 694	; WWCR #199		
Date 8-9-62		Sample Interval: from <u>68</u> to 168			
PROP: HALIFAX PUBLIC SCHOOLS		Total depth_168			
COMP: DOSS WELL & PUMP		OilGasWater_x_Exploratory			
COUNTY: HALIFAX (HALIFAX)		Cuttings x Core	Other		
		WASHED SAMPLES			
From-To H	From-To	From-To	From-To From-T	Го	
- 7 - 8 - 8	58 _ 70 75 _ 80 30 _ 85 35 _ 90 95 _ 100		Missing 75 _ 80 80 _ 85 85 _ 90 95 _ 100		
- 1	100_ 105 15_ 15_ 120 120_ 135	-	100       105         115       120         120       135         135       145		
- 1 - 1	135_ 145 145_ 150 (2 samples) 150_ 160 160_ 168 -	-	145_ 150 (2 samples) _ 150_ 160 160_ 168 _ -		
		-			

OWNER:	Halifax County Public Schools	VDMR # 694
DRILLER:	Doss Well & Pump Company	WWCR # 199
COUNTY;	Halifax (Halifax)	DEPTH: 168

## SAMPLE EXAMINATION (washed)

0-68 No samples (Bedrock in this interval)

68-70 Granite Gneiss - white and brown, hard, coarse grained, 40% milky quartz, 20% white feldspar, 35% biotite, heavy trace of iron staining.

70-75 No sample

75-80 Granite Gneiss - white and black, hard, fine grained, 60% milky quartz, 20% biotite, 10% white feldspar, 5% muscovite, trace of hornblende and iron staining.

80-85 as above

85-90 Quartz Biotite Gneiss - white and black, hard, fine grained, 50% milky quartz, 40% biotite, 5% white feldspar, trace of hornblende and iron staining.

90-100 Quartz Biotite Gneiss - white and black, hard, fine grained, 60% milky quartz, 20% biotite, 10% muscovite, 5% white feldspar, slight trace of hornblende and amethyst.

- 100-105 as above
- 105-115 No sample

115 Quartz Biotite Gneiss - white and black, hard, very fine grained, 60% milky quartz, 15% biotite, 10% muscovite, 10% white feldspar, slight trace of hornblende, amethyst and pyrite, trace of iron staining.

115-120 Quartz Biotite Gneiss - white and black, hard, fine grained, 60%
milky quartz, 20% biotite, 5% muscovite, 5% white
feldspar, trace of iron staining.

- 120-135 as above
- 135-145 as above
- 145-150 as above
- 150-160 as above

## OWNER: Halifax County Public Schools

160-168 Quartz Biotite Gneiss - white and black, hard, fine grained, 70% milky quartz, 20% biotite,5% white feldspar, trace of pyrite and hornblende, heavy trace of iron staining.

GEOLOGIC SUMMARY

<u>Aq e</u>

Formation or Unite

Pre-Cambrian

"Mixed Gneisses"

Virginia Division of Mineral Resources Merrick S. Whitfield, Geologist August 20, 1962

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