INTERVAL SHEET

WWCR 160

Pagel		VDMR Well No	.:1374	
Date 9/27/	65	Sample Inter	val: from 0 to	250
	sle Water Corp. #6		250	
COMP: Falwe	11 Well Corp.	OilGas	Water_X_Explora	tory
COUNTY: Henry (Martinsville) VDMR WELL NO: W-1374			CoreOther_	
		WASHED SAMPLES		
From-To	From-To	From-To	From-To	From-To
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-		20 _ 30	=	-
-	-	30 _ 40	-	-
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		50_ 60		
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-	-	80 _ 90		-
-	-		_	-
-	-	90 _ 100	-	-
		100_ 110		
-	-	110 _ 120	-	-
-	_	120 _ 130	_	-
-	-	130 _ 140	-	-
-	· -	140_ 150	-	-
-	-	1.02 200	-	
	_	150_ 160		_
_	_	160_ 170	_	_
_	-	170_ 180	_	-
_	-	180_ 190	_	_
-	-	190_ 200	-	-
_	_	200_ 210	_	-
-	-	210_ 220	_	_
-	-	220_ 230	-	-
	- 1	230 _ 240	_	-
-	-	240_ 250	-	-
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OWNER: Carlisle Water Corporation Well #6
DRILLER: Falwell Well Co.
COUNTY: Henry (Martinsville)

VDMR WELL # 1374 WWCR WELL # 160 TOTAL DEPTH : 250

GEOLOGIC LOG

0-10	Saprolitic Gneiss - medium-brown, white, and light gray; coarse-grained; biotite, partly kaolinized feldspar, quartz, chlorite, hornblende; trace magnetite; minor iron oxide.		
10-20	As above		
20-30	As above - more hornblende		
30-40	As above		
40-50	As above		
50-60	As above		
60-70	Hornblende Gneiss - black and white, coarse-grained; hornblende, epidote, feldspar, quartz, biotite, muscovite, chlorite; trace magnetite, minor iron oxide stain; irregular white concentrations of feldspar, quartz and muscovite.		
70-80	As above - less epidote.		
80-90	As above		
90-100	As above - part of the alkali feldspar is slightly pink.		
100-110	As above		
110-120	Hornblende Gneiss - black and white; coarse-grained; hornblende, feldspar, epidote, quartz, biotite; minor pyrrhotite, magnetite; a portion of this sample is lightly iron-stained and slightly altered.		
120-130	Hornblende Gneiss - black and white; coarse-grained; hornblende, feldspar, quartz, biotite, epidote; a portion of this level is hydothermally altered zone with chlorite, saussurite and epidote veins; feldspar is slightly pink.		
130-140	As above - less chlorite and saussurite.		
140-150	As above - more chlorite and saussurite, minor unakite.		
150-160	As above - white unaltered feldspar.		
160-170	As above - less chlorite and saussurite trace pyrite.		

OWNER: Carlis	ele Water Corporation Well #6	#1374
170-180	Hornblende Gneiss - black and white; very coarse hornblende, feldspar, biotite, quartz, epidote; and chlorite; trace pyrrhotite and magnetite.	
180-190	As above - more chlorite; very minor serpentine veins; trace asbestos.	and epidote
190-200	As above - no serpentine; trace poorly developed	d slickensides.
200-210	Biotite Gneiss - white, black and greenish black to medium-grained; biotite, feldspar, hornblende epidote, chlorite, muscovite; leucocrotic mater one fragment medium-fine grained unakite (may be	e, quartz, ial in bands;
210-220	As above - minor vein of saussuritized material	with trace pyrite.
220-230	As above - more leucocratic bands; more chlorite; minor magnetite.	
230-240	Gneiss - white and greenish-black; coarse to medium-grained; feldspar, quartz , hornblende, biotite, chlorite, epidote, muscovite, minor magnetite.	
240-250	As above - less leucocratic material; the felds to pale pink and slightly kaolinized.	par is altered

GEOLOGIC SUMMARY

	ROCK UNIT	TIME ROCK UNIT
0-250	Hornblende Gneiss	Precambrian

Virginia Division of Mineral Resources Hollis N. Walker, Geologist October 4, 1965