INTERVAL SHEET

WWCR 149

Page1	VDMR Well No.: Well No. 1283
Date3/22/65	Sample Interval: from 0 to 250
PROP: S. G. Whittle	Total depth 250
(Carlisle Water Corp. Falwell Well Corp.	OilGasWater_X_Exploratory
COUNTY: Henry (Martinsville	Cuttings X Core Other
VDMR Well No: W-1283	Washed samples
From-To From-To	From-To From-To From-To
The state of the s	0_ 10 _
The state of the s	10 - 20
	20 - 30
	30 - 40 -
	40 50
	50 - 60
	60 - 70
-	70 - 100 No samples
-	100 - 110
-	110 120 No sample
	120 _ 130
-	130 - 140
	140 - 150 No sample
	150 - 160
	160 170
	170_ 180 _
	180 - 190
-	190 - 200
	200 - 210
	210 - 220 No sample -
-	220 - 230
-	230 - 240 No sample
And a fill a fill a fill a	240 - 250
	5 5 5 5 6 7
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OWNER: S. G. Whittle, III

Carlisle Water Corporation #4

VDMR #1283 WWCR #149

DRILLER: Falwell Well Corporation (M. E. Sprinkle) TOTAL DEPTH: 250'

COUNTY: Henry (Martinsville)

GEOLOGIC LOG

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0-10	Weathered Granite — pinkish-tan and white; coarse-grained, microcline, quartz, muscovite, oligoclase; minor hornblende, garnet, magnetite; trace zircon, chlorite; grain mount verification.
10-20	As above - crystals of microcline to 15 mm.
20-30	As above.
30-40	As above.
40-50	As above — minor biotite.
50-60	As above.
60-70	As above.
70-100	No samples.
100-110	Gneissic Granite — pale-pink and greenish-black; very-coarse-grained; microcline, oligoclase, quartz, chlorite; minor muscovite; trace magnetite and biotite.
110-120	No sample.
120-130	Quartz Monzonite — white, greenish-black, and pink; very-coarse-grained; quartz, microcline, albite, muscovite, chlorite, epidote, biotite; minor magnetite and pyrite.
130-140	As above.
140-150	No sample.
150-160	Granite — white, greenish-black, and pink; very-coarse-grained; quartz, microcline, oligoclase, chlorite, epidote, biotite, muscovite, magnetite; trace pyrite and apatite.
160-170	As above.
170-180	Gneissic Granite — pale-pink, white, black, and pale-green; very-coarse-grained; rounded phenocrysts of pink and white microcline and oligoclase in a sugary matrix of feldspar, quartz, biotite, hornblende, epidote, and minor pyrite; some of the matrix lacks the dark minerals and is composed of feldspar chlorite, muscovite, quartz, epidote, and minor magnetite.

OWNER: S. G. Whittle, III - Carlisle Water Corporation #4 #1283

Gneissic Granite — pale-pink, white, black and pale-green; very-coarse-grained; rounded phenocrysts of pink and white microcline and oligoclase in a sugary matrix of feldspar, quartz, minor biotite and hornblende, epidote; some of the matrix lacks the dark minerals and is composed of feldspar, chlorite, muscovite, quartz, epidote, and minor magnetite.

190-200 As above.

200-210 As above.

210-220 No sample.

220-230 Gneissic Granite — abundant salmon-pink microcline (to 20 mm); matrix: medium-grained, quartz, plagioclase, chlorite, muscovite, magnetite; minor biotite.

230-240 No sample.

240-250 Quartz Monzonite — pinkish-gray; coarse-grained; plagioclase, microcline, quartz, muscovite, chlorite, biotite, epidote, trace magnetite.

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Leatherwood Granite

Cambrian ?

Virginia Division of Mineral Resources Hollis N. Walker, Geologist March 29, 1965