

INTERVAL SHEET

WWCR 674

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VDMR WELL NO.: Well No. 1140

Date 9/24/64

Sample Interval: from 3 to 270

PROP: Colonial Pipe Line

Total Depth 290

COMP: J. T. Ellington

Oil _____ Gas _____ Water Exploratory _____

COUNTY: Fairfax (Centreville)

Cuttings Core _____ Other _____

VDMR WELL NO: W-1140

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	3 - 5	-	-
-	-	5 - 10	-	-
-	-	10 - 20	-	-
-	-	20 - 30	-	-
-	-	30 - 40	-	-
-	-	40 - 44	-	-
-	-	44 - 60	-	-
-	-	60 - 70	-	-
-	-	70 - 80	-	-
-	-	80 - 90	-	-
-	-	90 - 100	-	-
-	-	100 - 110	-	-
-	-	110 - 120	-	-
-	-	120 - 130	-	-
-	-	130 - 140	-	-
-	-	140 - 150	-	-
-	-	150 - 160	-	-
-	-	160 - 170	-	-
-	-	170 - 180	-	-
-	-	180 - 190	-	-
-	-	190 - 200	-	-
-	-	200 - 210	-	-
-	-	210 - 220	-	-
-	-	220 - 230	-	-
-	-	230 - 240	-	-
-	-	240 - 250	-	-
-	-	250 - 260	-	-
-	-	260 - 270	-	-
-	-	270 - 290 No sample	-	-

OWNER: Colonial Pipe Lines
DRILLER: J. T. Ellington
COUNTY: Fairfax (Centreville)

VDMR #1140
WWCR #674
TOTAL DEPTH: 290'

GEOLOGIC LOG

- 3-5 Weathered Tremolite Schist - greenish gray with brown areas, fine grained, tremolite, muscovite, biotite, minor quartz.
- 5-10 Weathered Tremolite Schist - gray, slightly greenish, with brown stain, fine grained, very slight lineation, tremolite, muscovite, minor quartz and clinozoisite.
- 10-20 Tremolite Schist - light gray, slightly green, foliated, oxidation on fractures, tremolite, muscovite, clinozoisite, minor biotite and chlorite.
- 20-30 As above.
- 30-40 As above - increase in biotite and chlorite.
- 40-44 Chlorite Schist - greenish medium gray, well foliated, mostly chlorite, minor muscovite, crystals of tremolite, minor vein quartz, and clinozoisite, X-ray analysis: 90% chlorite.
- 44-60 As above - more tremolite, minor pyrite.
- 60-70 As above.
- 70-80 Tremolite-Chlorite Schist - light gray-green, fine grained. Tremolite and Chlorite present in approximate equal amounts as shown by X-ray examination, also quartz, clinozoisite, and minor pyrite.
- 80-90 As above.
- 90-100 As above - less quartz.
- 100-110 Chlorite-Tremolite Schist - medium gray-green, foliated, fine grained, chlorite, tremolite, quartz, minor pyrite, clinozoisite, muscovite.
- 110-120 As above.
- 120-130 As above - more chlorite.

- 130-140 Chlorite-Tremolite Schist - medium gray-green, foliated, fine grained, chlorite(increased), tremolite, quartz, minor pyrite, clinozoisite, muscovite.
- 140-150 As above.
- 150-160 Quartz Vein - white, coarse grained, quartz, minor fine grained feldspar, chlorite, muscovite, tremolite, trace of pyrite.
- 160-170 Chlorite-Tremolite Schist - greenish-med. gray, fine grained, foliated, chlorite, tremolite, muscovite, vein quartz.
- 170-180 Quartz Vein - Coarse grained quartz, sericite, minor tremolite and chlorite.
- 180-190 As above - in addition some very fine grained calcite with minute pyrite crystals in these fragments.
- 190-200 As above - no calcite or pyrite.
- 200-210 Actinolite-Chlorite Schist - dark gray, only slight lineation, X-ray examination: Chlorite, actinolite, minor calcite, quartz, and a trace of pyrite.
- 210-220 As above - less calcite and quartz.
- 220-230 As above - still less quartz.
- 230-240 As above - more quartz.
- 240-250 Actinolite-Chlorite Schist - dark gray, very slight lineation, more dense than above, chlorite, and actinolite, minor quartz, sericite, calcite, and a trace of pyrite.
- 250-260 As above.
- 260-270 As above - still more dense and compact.
- 270-290 No sample.

GEOLOGIC SUMMARYROCK UNIT

Wissahickon Schist

TIME ROCK UNIT

Precambrian