

INTERVAL SHEET

WWCR - 697

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VDMR Well No: 1611

Date rec'd: May 26, 1966

Sample Interval: from 0 to 250

PROP: Erwin Concrete Corporation

Number of samples: 23

COMP: Sydnor Pump & Well Company

Total Depth: 263

COUNTY: Fairfax (Falls Church)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
-	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
-	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: Erwin Concrete Corporation
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Fairfax

VDMR: 1611
WWCR: 697
TOTAL DEPTH: 263'

GEOLOGIC LOG

Depth in feet

COLUMBIA GROUP (0-10')

0 - 10 Sand and Gravel — orange-brown, trace of clay; gravel (50%) consists of granules and a few pebbles up to 20 mm.; sand (50%) is medium- to very-coarse grained, moderately sorted, subrounded; small amount of yellowish- to dull-white feldspar; trace of chert.

10 - 20 No sample.

PATAPSCO FORMATION (20-250')

20 - 30 Clay — reddish-brown, with greenish-gray streaks; very sandy, a few granules and very-small pebbles; sand is arkosic.

30 - 40 "

40 - 50 "

50 - 60 Sand — gray, very argillaceous; fine- to very-coarse grained, poorly sorted, angular to subrounded; very arkosic.

60 - 70 "

70 - 80 Sand — brownish-gray, slightly argillaceous; coarse-grained well-sorted, slightly subangular to subrounded; arkosic.

80 - 90 "

90 - 100 Clay — gray, very silty, moderately sandy; sand is poorly sorted, arkosic.

100 - 110 Sand — brownish-gray, argillaceous; fine- to coarse-grained, rather poorly sorted, subangular to subrounded; arkosic.

110 - 120 "

120 - 130 Sand — buff, moderately argillaceous; fine- to coarse-grained, fairly well-sorted, angular to subrounded; arkosic.

130 - 140 "

140 - 150	Sand — brown, argillaceous; fine- to coarse-grained, fairly well-sorted, angular to subrounded; arkosic; some earthly hematite.
150 - 160	"
160 - 170	No sample.
170 - 180	Sand — buff, argillaceous; medium grained, well sorted, subangular to subrounded; moderately arkosic.
180 - 190	" fine- to coarse grained, fairly well-sorted.
190 - 200	" "
200 - 210	" "
210 - 220	" "
220 - 230	" "
230 - 240	" "
240 - 250	" fine- to very-coarse-grained, poorly sorted.
250 - 263	No sample.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 10	Columbia Group	Pliocene-Pleistocene
10 - 20	No sample	
20 - 250	Patapsco Formation	Early Cretaceous
250 - 263	No sample	

Virginia Division of Mineral Resources
Robert H. Teifke - Geologist
July 22, 1966