

Sheet No. 1

**PROP: MUNICIPAL WELL**  
**@ IRVINGTON**

**COMP: SYDNOR**

**COUNTY: LANCASTER**

**VDMR WELL NO. 0204**

**FROM: TO:**

VDMR WELL NO. 0204

Sample Interval 200-694 (7)

Total Depth ?

Oil      Gas      Water  Exploratory     

Cuttings  Core      Other     

From-To	From-To <u>WASHED SAMPLES</u>	From-To <u>FLOATED RESIDUE</u>	From-To	From-To
200-			-	-
220-	360-	200-	-	-
240-	400-	220-	-	-
260-	420-	240-	-	-
280-	440-	260-	-	-
300-	460-	280-	-	-
320-	480-	300-	-	-
340-	500-	320-	-	-
360-	580-	340-	-	-
400-	615-634	380-	-	-
420-	680-687	520-	-	-
440-	687-694	540-	-	-
460-	-	590-615	-	-
480-	-	634-660	-	-
500-	-	660-680	-	-
520-	-	-	-	-
540-	-	-	-	-
580-	-	-	-	-
-	-	-	-	-

OWNER: Town of Irvington  
DRILLER: Sydnor  
COUNTY: Lancaster Co. (Irvington)

VDMR # 0204  
WWCR # 7  
Depth: 694'

SAMPLE EXAMINATION  
(washed)

190-360= Clay, brownish gray to brownish green, soft, slightly calcareous, sandy with shell fragments

360-400 Clay, gray, marly, glauconitic, sandy to gravelly, interbedded with limestone white to gray, dense, hard, fossiliferous, glauconitic, sandy

400-500 Clay as above with traces of pyrite and limestone as above

500-540 Clay, gray, firm slightly glauconitic, slightly calcareous, with minor shell fragments.

540-560 No sample

560-580 Sandstone, quartz, fine to coarse grained, poorly sorted, cemented with clay

580-615 No sample

615-635 Sand, quartz, fine to coarse grained, angular, arkosic

635-678 No sample

678-694 Sand, quartz, fine grained to pea gravel size, becomes fine to medium grained towards base

GEOLOGIC SUMMARY

Miocene	Chesapeake Gp.	?-360
Eocene	Pamunkey Gp.	360-?

VIRGINIA DIVISION OF MINERAL RESOURCES  
William Dudley  
October 1958

VDNR Well No. 0204

Loc. Irvington

Lancaster Co

Prop: Town of Irvington

Contractor: Sydnor

Interval

Description

MIocene

CHESAPEAKE GROUP

190-360 clay, brownish gray to brownish green, soft, slightly calcareous, sandy with shell fragments

EOCENE

PAMUNKEY GROUP

360-400 clay, gray, marly, glauconitic, sandy to gravelly, interbedded with limestone white to gray, dense, hard, fossiliferous glauconitic, sandy

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500-540 clay, gray, firm slightly glauconitic, slightly calcareous, with minor shell fragments.

540-560 no sample

560-580 sandstone, quartz, fine to coarse grained, poorly sorted, cemented with clay

580-615 no sample

615-635 sand, quartz, fine to coarse grained, angular, arkosic

635-670 no sample

670-694 sand, quartz, fine grained to pea gravel size, becomes fine to medium grained towards base

FORMATIONS PENETRATED

Miocene

Chesapeake Gp.

?-360

Eocene

Pamunkey Gp.

360- ?