

Sheet No. 1

PROP: TOWN OF FRANKLIN
 MUNICIPAL WELL
 COUNTY: SOUTHAMPTON
 VDMR WELL NO.: 0240
 FROM: TO:

VDMR WELL NO. 0240
 Sample Interval 77-601
 Total Depth ? (464)
 Oil ___ Gas ___ Water Exploratory ___
 Cuttings Core ___ Other ___

From-To	From-To	From-To	From-To	From-To
77-82	595-601	-	-	-
87-92	-	-	-	-
92-97	-	-	-	-
97-100	-	-	-	-
100-117	-	-	-	-
117-128	-	-	-	-
128-138	-	-	-	-
149-154	-	-	-	-
154-159	-	-	-	-
159-169	-	-	-	-
169-171	-	-	-	-
189-199	-	-	-	-
219-229	-	-	-	-
252-262	-	-	-	-
272-282	-	-	-	-
292-302	-	-	-	-
302-318	-	-	-	-
328-383	-	-	-	-
423-433	-	-	-	-

OWNER: Town of Franklin
DRILLER: J. R. McLane
COUNTY: Southampton Co. (Town of Franklin)

VDMR # 240
WWCR # 464
Depth 604'

SAMPLE EXAMINATION
(washed)

75-110 Clay, brown, marly, glauconitic, soft, sandy with shell fragments and minor limestone as below

110-140 Limestone, white-gray brown, hard, dense, glauconitic, pyritic, sandy, interbedded with clay as above

140-148 No sample

148-155 Limestone and clay as above

155-160 Sand, quartz and glauconite, fine to medium grained, angular, with shell fragments

160-170 Clay, tan, glauconitic, calcareous, very sandy, with shell fragments

170-190 Clay, brown-pink, micaceous, firm, slightly glauconitic, slightly calcareous

190-210 No sample

210-220 Clay as above

220-252 No sample

252-262 Sand, quartz, white, medium to coarse grained, arkosic, angular to subangular

262-272 No sample

272-282 Clay, varicolored; buff, ochre, pink, yellow, sandy, firm, micaceous

282-292 No sample

292-302 Sand, quartz, fine grained-gravel size, angular to subangular

302-312 Clay, yellow-buff, sandy, firm

312-328 No sample

328-382 Gravel, quartz, angular to rounded, with abundant white-gray
feldspar
3
382-422 No sample
422-432 Gravel, very dirty, interbedded with tan clay
432-594 No sample
594-601 Sand, quartz, white, medium to coarse grained, subangular,
clear to frosted

GEOLOGIC SUMMARY

Eocene	Pamunkey Gp.	? - 155
Paleo-Cret (?)	Mattaponi Fm.	155 - ?

VIRGINIA DIVISION OF MINERAL RESOURCES
William Dudley
November 1958

Prop: Town of Franklin

<u>Interval</u>	<u>Description</u>
	EOCENE PAMUNKEY GROUP
75-110	clay, brown, marly, glauconitic, soft, sandy with shell fragments and minor limestone as below
110-140	limestone, white-gray brown, hard, dense, glauconitic, pyritic, sandy, interbedded with clay as above
140-148	no sample
148-155	limestone and clay as above
	PALIOCENE-UPPER CRETACEOUS (?) MATTAPONI FM
155-160	sand, quartz and glauconite, fine to medium grained, angular, with shell fragments
160-170	clay, tan, glauconitic, calcareous, very sandy, with shell fragments
170-190	clay, brown-pink, micaceous, firm, slightly glauconitic, slightly calcareous
190-210	no sample
210-220	clay as above
220-252	no sample
252-262	sand, quartz, white, medium to coarse grained, arkosic, angular to subangular
262-272	no sample
272-282	clay, varicolored; buff, ochre, pink, yellow, sandy, firm, micaceous
282-292	no sample
292-302	sand, quartz, fine grained-gravel size, angular to subangular
302-312	clay, yellow-buff, sandy, firm
312-328	no sample
328-382	gravel, quartz, angular to rounded, with abundant white-gray feldspar
382-422	no sample
422-432	gravel, very dirty, interbedded with tan clay
432-594	no sample
594-601	sand, quartz, white, medium to coarse grained, subangular, clear to frosted

SUMMARY

Eocene

Pamunkey Gp.

?-155

155-2