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INTERVAL SHEET

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VDMR WELL NO. 0166

Sample Interval: from 34 to 380

Total Depth: _____

PROP: TARRANT FOX

Oil _____ Gas _____ Water Exploratory _____

COMP: KI

Cuttings Core _____ Other _____

COUNTY: KING WILLIAM (AYLETT)

Three sets of samples-(1) Unwashed, (2) Washed,
(3) Washed & Floated

SEE WATER SUPPLY PAPER 1361, pp. 96 and 100

From-To	From-To	From-To	From-To	From-To
34 - 44	310 - 320			
44 - 54	320 - 330			
54 - 64	330 - 340			
64 - 74	340 - 350			
74 - 84	350 - 360			
84 - 94	360 - 370			
94 - 104	370 - 380			
104 - 114				
114 - 124				
124 - 134				
134 - 144				
144 - 154				
154 - 164				
164 - 174				
174 - 184				
184 - 194				
194 - 204				
204 - 214				
214 - 224				
224 - 234				
234 - 244				
244 - 254				
254 - 264				
264 - 274				
274 - 284				
284 - 294				
294 - 310				

OWNER: Tarrant Fox
DRILLER:
COUNTY: King William County

VDMR #0166
WWCR #17
Depth: 380'
ELEV: 51'

SAMPLE EXAMINATION
(washed)

	MIOCENE	CHESAPEAKE GROUP
35-55	Clay, Brown, calcareous, silty to sandy	
	EOCENE	PAMUNKEY GROUP
55-105	Sand fine to coarse grained, angular to rounded, glauconitic, abundant shell fragments silty and argillaceous near base	
105-175	Clay, brown, glauconitic, silty to sandy, calcareous, slightly micaceous, with shell fragments	
175-210	Sand, quartz, fine to medium grained, angular, glauconitic, argillaceous at base	
210-240	Sand, black, predominantly glauconite, abundant clay	
	PALEOCENE-UPPER CRETACEOUS	MATTOPONI FORMATION
240-330	Sand, quartz, fine to medium grained, occasionally coarse in lower part, angular, argillaceous in part, glauconitic in part	
330-340	Silt, yellow to orange, very argillaceous	
340-350	Sand quartz, yellow stained, argillaceous, fine to medium grained, subangular to rounded with foraminifera	
350-360	Silt same as 330'-340'	
360-370	No sample	
370-380	Sand, quartz, fine to medium grained, angular	

GEOLOGIC SUMMARY

Miocene	Chesapeake Group	? - 55'
Eocene	Pamunkey group	55' - 240'
Paleo-Cret	Mattoponi formation	240' - T. D.