INTERVAL SHEET

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WWCR 627

VDMR Well No.: 898

Date 10/11/63

Sample Interval: from 0 to 436

PROP: Hallowing Point River Estates #2

Total depth 466

COMP: The Hagman Co.

Oil ____ Gas ____ Water X Exploratory ____

COUNTY: Fairfax (Gunston Hall)
VDMR Well No: W-898

Cuttings X Core ____ Other ____

From-To	From-To	From-To	From-To	From-To
-	0-1	436-	-	-
-	1-18	-	Insufficient quantity	-
-	18-20	-	of material to wash.	-
-	20-45	-	-	-
-	45-62	-	-	-
-	62-73	-	-	-
-	73-80	-	-	-
-	80-109	-	-	-
-	109-125	-	-	-
-	125-142	-	-	-
-	142-160	-	-	-
-	160-170	-	-	-
-	170-193	-	-	-
-	193-245	-	-	-
-	245-250	-	-	-
-	250-271	-	-	-
-	271-277	-	-	-
-	277-325	-	-	-
-	325-325.5	-	-	-
-	3255-340	-	-	-
-	340-340.5	-	-	-
-	3405-350	-	-	-
-	350-360	-	-	-
-	360-365	-	-	-
-	365-384	-	-	-
-	384-395	-	-	-
-	395-397	-	-	-
-	397-416	-	-	-
-	416-421	-	-	-
-	421-436	-	-	-

OWNER: Hallowing Point River Estates No. 2 VDMR # 898
DRILLER: The Hagmann Company WWCR # 627
COUNTY: Fairfax (Gunston Hall) TOTAL DEPTH : 466'

GEOLOGIC LOG

0-1	Overburden - brown silty clay
1-18	Overburden - white to tan silty clay, slightly calcareous, some imbedded quartz grains.
18-20	Sand - tan, fine grained, sub-angular to sub-round, some glauconite.
20-45	Sand - dirty gray, fairly well consolidated, sub-rounded to sub-angular quartz grains, some carbonaceous material and traces of pyrite.
45-62	Sand - unconsolidated, primarily pebble-sized sub-angular to sub-rounded quartz fragments and pebbles.
62-73	Sand - brown, fine grained, some glauconite.
73-80	Sand - very fine grained, greenish tinge, some green-colored clay.
80-109	Clay - greenish gray, some imbedded quartz grains.
109-125	Sand - white to clear, somewhat arkosic, sub-rounded to sub-angular grains, fairly well sorted.
125-142	Clay - tannish brown, some imbedded quartz and feldspar grains.
142-160	As above
160-170	Clay - green, slightly calcareous, some imbedded quartz and feldspar grains.
170-193	Sand - poorly consolidated, clay matrix between sub-rounded to sub-angular quartz and feldspar grains.
193-245	As above
245-250	Clay - reddish brown, silty, some imbedded sand grains.
250-271	Clay - light olive green, very sandy with imbedded quartz and feldspar grains, considerable fine silt.
271-277	As above
277-325	Clay - yellowish tan, very sandy and silty.
325-325.5	Sand - yellowish tan, poorly consolidated, sub-rounded to sub-angular grains, some silt and clay.

325.5-340	Sand - with considerable yellow tan silty clay.
340-340.5	Sand - yellowish tan, considerable clay and silt, sub-rounded to sub-angular, quartz and feldspar grains.
340.5-350	Clay - light olive green, very silty and sandy.
350-360	Clay - light olive green to tan, very silty and sandy, some imbedded quartz and feldspar grains.
360-365	As above
365-384	As above
384-395	Clay - dirty gray, carbonaceous, with imbedded quartz and feldspar grains, very silty and sandy.
395-397	Sand - fine to very coarse grained, sub-angular to sub-round, arkosic, mostly white to cream colored grains with occasional red colored grains, very minor clay content.
397-416	Sand - light olive green colored clay, and quartz and feldspar grains.
416-421	Silt - very fine grained with considerable light olive green clay.
421-436	Sand - yellowish tan, poorly consolidated, feldspar and quartz grains, very silty and some clay.
436	Sand - unconsolidated, fine to very coarse grained, arkosic, sub-angular to sub-round, clear to cream colored grains with occasional red grains.

GEOLOGIC SUMMARY

AGE	ROCK UNIT
Pleistocene	Terrace alluvium
Miocene	Patuxent formation

Virginia Division of Mineral Resources
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