INTERVAL SHEET

WWCR 165

Page 1

Date 5/4/64

PROP: Va. Dept. of Highways (Rt. 95 Rest Area)

COMP: Moseley & Nash

COUNTY: Henrico (Glen Allen)

VDMR WELL NO: W-996

VDMR Well No.: Well No. 996

Sample Interval: from 0 to 240

Total depth 240

Oil ____ Gas ____ Water X Exploratory ____

Cuttings X Core ____ Other ____

Washed samples only

From-To	From-To	From-To	From-To	From-To
-	-	0- 10	-	-
-	-	10-20	-	-
-	-	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	-	-
-	-	160-170	-	-
-	-	170-180	-	-
-	-	180-190	-	-
-	-	190-200	-	-
-	-	200-210	-	-
-	-	210-220	-	-
-	-	220-230	-	-
-	-	230-240	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: Va. Dept. of Highways
DRILLER: Moseley and Nash
COUNTY: Henrico

VDMR #996
WWCR#165
TOTAL DEPTH: 240'

GEOLOGIC LOG

0-10	Overburden- yellow to light brown sand, medium to coarse grained, subangular to subrounded, subarkosic, highly argillaceous.
10-20	Overburden - white to gray sand, medium to very coarse grained, angular to subangular, arkosic, with a small amount of muscovite and heavy minerals.
20-30	As above

Petersburg granodiorite

30-40	Granodiorite- grayish green, coarse grained, contains quartz, feldspar and chloritized biotite, with minor sulfides.
40-50	As above
50-60	As above
60-70	Granodiorite- pinkish white, coarse grained, containing quartz, feldspar, chloritized biotite, and kaolin.
70-80	Granodiorite- gray, white, and pink, medium grained, containing quartz, feldspar, chloritized biotite, and kaolin.
80-90	As above with increase in chlorite.
90-100	As above with increase in biotite.
100-110	As above
110-120	Granodiorite- gray to white, medium grained, contains quartz, feldspar, biotite, and minor amounts of muscovite.
120-130	Granodiorite- pink, white, and gray, coarse grained, contains quartz, pink potassic feldspar, white plagioclase, kaolin, biotite and moderate amounts of muscovite.

130-140	Granodiorite- gray, medium grained, contains quartz, plagioclase, some pink potassic feldspar, biotite, with minor muscovite, sulfides, sphere, and magnetite.
140-150	Granodiorite- pink to gray, medium to fine grained, quartz, pink potassic feldspar, white plagioclase, biotite, minor muscovite, chlorite, kaolin, and magnetite.
150-160	Granodiorite- pink to gray, fine to coarse grained, quartz, pink and white feldspar, biotite, traces of garnet, pyrite, chalcopyrite and magnetite.
160-170	As above
170-180	As above, biotite becoming more chloritized.
180-190	As above
190-200	Granodiorite- pink to green, coarse grained, quartz, feldspar, biotite, traces of garnet, pyrite, chalcopyrite and magnetite.
200-210	As above
210-220	As above
220-230	Granodiorite- white to gray, medium grained, quartz, white feldspar, biotite, traces of sulfides and kaolin.
230-240	As above

GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-30'	Residium	
30-230'	Petersburg granodiorite	Recent Paleozoic (?)

Virginia Division of Mineral Resources
Villard S. Griffin, Jr., Geologist
June 22, 1964