

INTERVAL SHEET

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VDMR Well No: 1824

Date rec'd: 3/2/67

Sample Interval: from 0 to 360

PROP: Owens-Illinois Company

Number of samples: 33

COMP: Falwell Well Corp.

Total Depth: 360

COUNTY: Bedford (Big Island)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	No sample	-	-
10 - 20	No sample	-	-
20 - 30	320-330	-	-
30 - 40	330-340	-	-
40 - 50	340-350	-	-
50 - 60	350-360	-	-
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	-	-	-
No sample	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

*Unwashed samples only

OWNER: Owens-Illinois Company
DRILLER: Falwell Well Corp.
LOCATION: Bedford (Big Island)

VDMR: 1824
WWCR: 163
TOTAL DEPTH: 360'

GEOLOGIC LOG

Depth in feet

OVERBURDEN (0-110')

0-10	Overburden - light-brown, decomposed granite with weathered white feldspar and smokey quartz.
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"
70-80	"
80-90	"
90-100	"
100-110	Weathered Alaskitic Granite - pale brown, iron-stained, fine-grained, leucocratic; with 15-20% 1/4-1/2 mm quartz; chlorite occurs only in accessory amounts as rare 0.5-mm clots.

PEDLAR (?) (110-360')

110-120	Alaskite - white, fine-grained, even-textured, unfoliated; 85% feldspar, 15% 0.5-1 mm quartz; traces of chlorite and pyrite.
120-130	Alaskite - white to pale-greenish white, fine-grained; some pink, potash feldspar, quartz and 2-3% chlorite, with traces of pyrite.
130-140	"
140-150	"
150-160	"

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- 160-170 Alaskite - white to pale-greenish white, fine-grained; some pink, potash feldspar, quartz and 2-3% chlorite, with traces of pyrite.
- 170-180 "
- 180-190 Granodiorite - pink and greenish-gray, sheared, fine-grained to aphanitic with pink and green-gray feldspar scant quartz, saussuritized plagioclase, and chlorite.
- 190-200 "
- 200-210 Alaskite - white, fine-grained, even-textured, unfoliated; 85% feldspar, 15% 0.5-1 mm quartz; traces of chlorite and pyrite.
- 210-220 Granodiorite - greenish-white; with 5% chlorite in 0.5-1 mm clots.
- 220-230 No sample
- 230-240 Granodiorite - greenish-white; with 5% chlorite in 0.5-1 mm clots.
- 240-250 " with traces of pyrite.
- 250-260 " slightly sheared, with chloritic slip planes.
- 260-270 Granodiorite - greenish-gray, sheared; with rare quartz veinlets and traces of pyrite.
- 270-280 " with black, chloritic slickenslides.
- 280-290 "
- 290-300 " with minute traces of disseminated red-brown sphalerite, massive galena, and massive anhedral chalcopryite on a chloritic fracture surface in quartz.
- 300-310 No sample
- 310-320 No sample
- 320-330 Granodiorite - greenish-gray, sheared; with rare quartz veinlets and traces of pyrite; with minute traces of disseminated red-brown sphalerite, massive galena, and massive anhedral chalcopryite on a chloritic fracture surface in quartz.

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330-340 Granodiorite - greenish-gray, sheared; with rare quartz veinlets and traces of pyrite; with minute traces of disseminated red-brown sphalerite, massive galena, and massive anhedral chalcopyrite on a chloritic fracture surface in quartz.

340-350 " with traces of pyrite.

350-360 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-110	Overburden	
110-360	Pedlar (?) Granite & Granodiorite	Late Precambrian

Virginia Division of Mineral Resources
Richard S. Good, Geologist
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