

VIRGINIA DIVISION OF MINERAL RESOURCES  
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: W-6016

Date rec'd: Date Processed:

Sample Interval: from 0 to 325

PROPERTY: VA-NAN-T-19

Number of samples: 38 unwashed / 38 washed

COMPANY:

Total Depth: 325

COUNTY: NANSEMOND

Oil or Gas: Water: ~~Exploratory~~

From-To	From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-	-
10 - 20	310 - 320	-	-	-
20 - 30	320 - 330	-	-	-
30 - 40	330 - 340	-	-	-
40 - 50	340 - 350	-	-	-
50 - 60	350 - 360	-	-	-
60 - 70	360 - 370	-	-	-
70 - 80	375 -	-	-	-
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	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-
290 - 300	-	-	-	-

SPL-T-WASH

VA-NAN-T-19

C-172

see - W-02093

W-06016

LAT: 3645.30

LONG: 7632.06

Depth: 375'

Elev: 20'

Located on 7.5 min Quad.

Chuckatuck Quad.

Logger KF 4/28/80

0-10 Sand, silty, light brownish gray (2.5Y 6/2)  
Fine to very fine grained, poorly sorted  
sub-angular. Composition: Quartz, with  
feldspar (<5%), glauconite (1-3%), with limonite.  
glauconite is reworked.

10-20 Sand, with pea sized pebbles, grayish brown (10YR 5/2)  
medium to very coarse, subangular, mod. sorted.  
Comp: Quartz, feldspar (5-10%), Rock fragments (1%)  
Trace of chert.

20-30 Same as above, with trace of shell hash, glauconite.

30-40 Sand, very silty: SAND/SILT = 1, olive gray (5Y 5/2)  
Lithologically same as above. Chert, shell more common.  
No. glauconite

40-50 Same as above

50-60 Sand, silty, gray (5Y 6/1), very coarse, sub-angular  
poorly sorted. Comp: Quartz, shell hash (35%), feldspar (5-10%),  
chert (1%). Shell hash is well sorted, mostly gray and  
dolomitized



00-70 Gravel, sandy, <sup>SILTY</sup> gray (5Y6/1), Sand Fraction: Fine to very coarse; gravel - well sorted, 3-4mm diam, sub-angular. Composition: Quartz, dolomitized gray shell hash and white calcareous shell hash (30%), feldspar, chert (10%), SILTY interstitially

70-80 sand, gravelly, silty, Like above.

80-90 Like 2 Above, Trace of glauconites

90-100 SILT, sandy, gravelly; lithologically like 3 above.

100-110 SILT, sandy, olive gray (5Y5/2)  
Predom. fine grained, but numerous coarse chunks of quartz and shell hash up to 1cm diam. Poorly sorted, sub-angular, Comp: Quartz, shell hash (30%), glauconite (1-5%) feldspar (<5%). Shell hash partially dolomitized  
Numerous echinoid spines.

110-120 SILT, sandy, clayey, same as above. glauconite = 5%  
Feldspar → zero.

120-130 same as above with whole Venericardia valves,  
Turritella

130-140 same as 2 above with Pecten fragments  
Trace of angular chert.

140-150 same as 3 above.

150-160 SILT, sandy, olive gray (5Y5/2). Fine grained, well sorted, sub-angular. Comp: Quartz, shell hash (15%), glauconite (5%) of sand fraction. Shell hash partly dolomitized



160-170 Same as above, with secondary gypsum and sulfur.

170-180 Same as above but slightly clayey. Shell hash fine and fragile. The gray heavy dolomitized fragments only form a Trace of the total shell hash.

180-190 Sand, silty, olive gray (5Y5/2) Fine grained, well sorted, sub-angular. Comp: Quartz, glauconite (5%), shell hash (10%) Overall greenish color on washed sample glauconite probably reworked.

190-200 Sand, silty, same as above with secondary gypsum.

200-210 Same as above

210-220 same as above

220-230 Same as above

230-240 SILT, sandy, same as above

240-250 Same as above, secondary gypsum & sulfur very common.

250-260 SILT, sandy, clayey, same as above.

260-270 Same as above.

270-280 Clay, silty, sandy same as above.

280-290 Same as above only 10% glauconite

290-300 Same as above

300-310 Same as above



0-300

sand, clayey, olive gray (5Y5/2)

Fine-med, well sorted, sub angular to well rounded  
Comp: quartz, shell hash (5%), brown rounded  
pellets of glauconite or phosphate or opaques (10%),  
With trace of glauconite. Numerous Globigerinas

300-310

sand, clayey, olive gray (5Y5/2),

same as above but contains 10% shell hash and  
brown angular fragments of limy dolomite (5%)  
With foram Robulus (broken)

310-320

Sand, silty, olive gray (5Y5/2)

med grained, moderately sorted, sub rounded

Comp: Quartz, glauconite (30%),  
angular fragments of sandy limy dolomite (10%)  
shell hash (5%).

320-330

Same as above, but much of the glauconite has been  
oxidized (to limonite) and sample is 60% glauconite

330-340

Sand, silty interstitially, dark gray (5Y4/1)  
coarse, well sorted, 75% glauconite  
with minor shell hash, quartz, dolomite.

340-350

Same as above w/ a few fragments of sandy limestone

350-360

Same as above but silty sand ~20% silt



360-370

sand, silty, olive gray (5Y5/2), medium, well sorted rounded except for angular chunks of shell, limestone, limy dolomite up to 1cm diam.

Comp: glauconite (50%), shell & limestone fragments (30%), sandy dolomite (25%), secondary sulfur, gypsum, quartz. with garnet, Foram Rebulus.

375

sand, silty, olive gray (5Y5/2), Fine, mod. sorted, sub-angular. Comp: Quartz, glauconite (40%), shell hash and sandy limestone (10%), limy dolomite