

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

INTERVAL SHEET

C-178

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Well Repository No.: W-5787

Date rec'd: 4-10-78 Date Processed: 2-20-80

Sample Interval: from 60 to 400

PROPERTY: SWCB Research Well 78-3

Number of samples: 22

COMPANY: STATE WATER CONTROL BOARD

Total Depth: 400

COUNTY: ~~Amherst~~ Norfolk (NORFOLK)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To	From-To
ND	360 - 370	-	-	-
SAMPLE	370 - 380	-	-	-
	380 - 390	-	-	-
	390 - 400	-	-	-
	-	-	-	-
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	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-
290 - 300	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

SPLIT - WASH

owner: SWCB Research well 78-3
driller: SWCB
Co: Norfolk
TD: 400'

W-5787

0-60 Missing

60-70 Sand, Fine to coarse, poorly sorted,
light brownish gray (10 YR 6/2).
Comp: quartz, feldspar (<15%), rock fragments (<5%)
TRACE of glauconite, biotite
Angular to rounded.

70-80 Same as Above, with 10% Angular and
abraded shell hash (Mostly mollusk fragments
including Tunitella ^{+ Caecum} Numerous granules.

80-90 Same as above. with common regular echinoid spines.
with more well rounded grains, sorting
improving.

90-100 Same as above.

100-110 Sand, silty, bio fragmental. Gray (10 YR 5/1).
50% - polished & non polished shell hash
between .3 and .5 cm diam. Mostly mollusk fragments,
+ small whole ^{bivalve} valves and gastropod tests, with
well preserved regular echinoid spines. Non-shell fraction:
coarse, poorly sorted, with numerous granules,
sub angular to rounded. with Tunitella,
Dentalium, a shark's tooth.

110-120 Same as above but with less shell (30%),
little SILT, very poorly sorted fine to coarse
now shell fraction.

120-180 Missing

180-190 Sand, silty, dk gray (5Y 4/1), Fine.

Didymene

Sand fraction: mod. well sorted; comp: 10%
shell: mostly whole gastropods including Turritella
and Didymene; 20% glauconite; other - quartz
with mica. 25% SILT.

190-200 Same as above.

200-210 Same as above. with pea-sized quartz pebbles.
Mollusk hash.

210-220 SILT, sandy, gray (5Y 5/1). V. Fine - Fine, well
sorted sand fraction except for shell
wash which makes up < 5% of Total Sample.
Non-shell: quartz, common mica, common
glauconite (10%). Glauconite is coarser than
other grains.

220-230 Same as above.

230-240 Same as above.

240-250 Sand, SILTY, same as above with ^{whole} Turritella alticostata
common. Very SILTY.

250-260 Same as above.

260-270 sand, clayey, gray (SY 6/1). Sand Fraction:
50% angular, fragile (thin-shelled) mollusk shell hash;
non-shell fraction: v. fine - fine, mod. sorted with
medium grained bulbous glauconite (100%); quartz with
common mica. Clay \approx 45%.

270-290 Same as Above.

280-290 Same as Above but - coarser - with pea-sized pebbles
& with less clay. (20%)

290-300 Same as above.

300-360 Missing

360-370 silt, sandy, ^{clayey} gray (SY 6/1). Sand fraction; very
fine, well sorted, composition: quartz, highly
micaceous, trace of shell hash, glauconite.

370-380 Same as above.

380-390 Same as above.

390-400 Same as above.