

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

INTERVAL SHEET

C-75

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Well Repository No.: W-5986

Date rec'd: 4-10-79 Date Processed: 2-22-80

Sample Interval: from 0 to 350

PROPERTY: SWCB RESEARCH Well SE-78-5

Number of samples: 29

COMPANY: STATE WATER CONTROL BOARD

Total Depth: 400

COUNTY: PRINCESS ANNE (Princess Ann C.H.)

Oil or Gas: ~~Water~~ Exploratory:

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	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
220 - 230	-	-	-	-
230 - 240	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-
290 - 300	-	-	-	-
300 - 310	-	-	-	-
310 - 320	-	-	-	-
320 - 330	-	-	-	-
330 - 340	-	-	-	-
340 - 350	-	-	-	-

SPIT - WASH

W-578b

owner: SWCB Research well SE 78-5

driller: SWCB

County: Princess Anne

Total depth: 460'

ALL samples unwashed.

- 0-10 Sand, silty, grayish brown (10 YR 5/2)
Fine-v. coarse, poorly sorted.
Numerous lumps of silt (drillers mud?) and log.
- 10-20 Sand, silty & numerous lumps of clayey silt.
mostly v. fine-med; poorly sorted. Grayish brown (10 YR 5/2)
- 20-30 Sand, light brownish gray (10 YR 6/2). Mostly v. Fine-med,
but poorly sorted, rounded to subrounded. Mostly quartz
with trace of muscovite. with lumps of clayey silt
- 30-40 Sand, silty, grayish brown (10 YR 5/2). Mostly v. Fine-med,
Same as above.
- 40-50 Sand, silty, grayish brown (10 YR 5/2)
Same as 2 above but 5% angular shell hash.
- 50-60 Sand, silty like above but med. & better sorted.
- 60-70 Sand, grayish brown (2.5 Y 5/2).
Med. (Fine-coarse), mod. sorted, sub rounded to
rounded. Comp: mostly quartz, with 5% angular
shell hash.
- 70-80 Same as above

80-90' sand, gray (10YR 5/1). Fine-coarse, poorly sorted.
Mostly quartz, 5-10% shellhash including
gastropods + bivalves.

90-100 Sand, Like above
with regular echinoid spines
Turritella.

100-110 Sand, silty, biofragmental,
nonshell fraction; predom - v. Fine, but poorly sorted.
shell fraction: ~ 50% of Total Sample; consists
of whole & broken Mollusks - especially well
preserved Turritella's and Oliva(?).

110-120 Same as above.

120-130 Sand, silty biofragmental. 75-90% of sand fraction
is shell hash, commonly polished; ^{and ~ .2 - .5 cm diam.} mostly Mollusk fragments
gray (5Y 5/1). Nonshell fraction Fine, well sorted.

130-140 Same as above. (w/ Dentalium)

140-150 Same as above.

150-160 Same as above.

150-

160-220 MISSING

310-320 Same as above

220-230 sand, silty, v. fine, gray (5Y5/1)
washed sand fraction: quartz predominates with
common med-grained mammillary glauconite (5-10%) and
common muscovite & biotite: 10-15% poorly sorted shell
fragments.

230-240 Same as above.

240-250 " " " w/ irregular echinoid spines

250-260 " " "

260-270 sand, clayey or sandy clay, Gray (5Y6/1)
Sand fraction: fine-v. fine, comp. mostly quartz,
glauconite, shell frags, mica.
& dk brown, soft, crumbly, ^{platy} secondary mineral,
with resinous luster.

270-280 sand, clayey or sandy clay Gray (5Y6/1)
Sand fraction: mostly fine-v. fine quartz, with
common mica, ^{+ glauconite} & a few coarse glauconite grains.
Shell frags \approx 5-10%.

280-290 Same as above.

290-300 " " "

300-310 sand, clayey to silty. Same as above but
poorly sorted with numerous coarse, rounded
quartz grains. With Turnitella

310-320 Same as above.

Site B Reservoir 7883
slightly
+ clayey

320-330 sand, silty, v. fine, greenish gray (5GY6/1)
Sand fraction: v. fine, poorly sorted, mostly
quartz, glauconite (5%), mica & shell hash (5%)

330-340 Same as above.

340-350 Same as above