

UNPUBLISHED RECORDS
SUBJECT TO REVISION

M. M. Gray
#2 USGS Test Hole
Beaufort Co., S. Carolina
GGS# 385: Elev. 12'
Logged by SMH

(William Head
Feb.)

Description:	Depth in Feet:
Fine to medium-grained, unfossiliferous sand	0 - 18
Fine to medium-brained sand interbedded with thin stringers of dark-green to gray-colored, silty, micaceous clay carrying macro-shells	18 - 31
Dark-green-colored, sandy clay carrying abundant macro-shells	31 - 45
Do.; clay less sandy than above, tougher, and somewhat blocky, unfossiliferous	45 - 55
Predominately medium to coarse-grained, angular, sparsely phosphatic, shell-bearing sand with some clay, latter as in above samples	55 - 65
Do., but indurated, somewhat dolomitic, and much more phosphatic than above; plus molds of macro-shells (a sandy, dolomitic rock)	65 - 70
Dense, white, very sandy, phosphatic limestone	70 - 75
Mostly coarse-grained, phosphatic sand with some sandy limestone (latter "cave" from above)	75 - 89
Light-gray-colored, dense, highly crystalline, much calcitized limestone carrying molds of macro-shells and some fine to coarse-grained, phosphatic sand (latter, "cave" from above)	89 - 95
Do.; plus scattered fragments of soft, somewhat weathered(?), cream-colored limestone, carrying macro-shells, echinoid and bryozoan remains, and some foraminifera	95 - 110
<u>Textularia</u> sp.	100 - 105
<u>Quinqueloculina</u> sp., <u>Discorbis</u> sp.	105 - 110
Gray-colored, fine to medium-grained, argillaceous sand with scattered fragments of limestone as in interval,	95 - 110
Do., but more argillaceous than above	120 - 125
Cream-colored, very sandy, phosphatic limestone carrying molds of macro-shells, scattered echinoid and bryozoan remains, and some fine to coarse-grained sand	130 - 135
Do. plus frequent fragments of gray-colored, very dense, much calcitized, nodular, fossiliferous limestone	135 - 140
Do.; plus macro-shells, frequent bryozoan remains, and some foraminifera. <u>Lingulina</u> sp. <u>Operc. ocalanus</u> , <u>Robulus</u> sp., <u>Siph. advena</u>	140 - 144
Dense, much calcitized, cream-colored, fossiliferous limestone carrying abundant bryozoan remains and some foraminifera	145 - 155
Do.; plus frequent fragments of light-gray-colored, very dense, much calcitized, fossiliferous limestone carrying macro-shells and bryozoan remains	155 - 160
Predominately light-gray-colored, very dense, calcitized limestone carrying macro-shells, echinoid and bryozoan remains, and occasional foraminifera. <u>Argyrotheca</u> sp.	160 - 165

138

152

Re-worked Coala.

Description:

Depth
in Feet:

Do.	165 - 180
<u>Operc. ocalanus, Discocycl. sp.</u>	165 - 170
<u>Plan. cocoaensis, var. Gyp. globula</u>	175 - 180
White, soft, fairly porous, fossiliferous limestone carrying frequent echinoid spines, abundant bryozoan remains, and foraminifera	180 - 266
<u>Discocycl. nassauensis, Disc. assulata</u>	180 - 185
<u>Argyrotheca sp., prominent</u>	185 - 190
<u>Operc. ocalanus, prominent</u>	190 - 195
<u>Gyroidina sp., Plan. cocoaensis, Discorbis sp., Gyp. globula, and Argyrotheca sp., prominent</u>	200 - 205
<u>Epon. jacksonensis, prominent</u>	205 - 210
<u>Heterostegina sp. and Argyrotheca sp., prominent</u>	210 - 215
Gray-colored, very dense, much calcitized limestone	265 - 280
Do.; limestone sparsely glauconitic	280 - 310
Much softer, cream-colored, porous, somewhat granular carrying common to abundant large (Orbitoid) foraminifera	310 - 470
<u>Discocyclina sp.</u>	310 - 315
<u>Discocyclina sp., common</u>	330 - 335
<u>Discocyclina sp., and Camerina sp.</u>	345 - 355
<u>Discocyclina sp. & Camerina sp., common to abundant</u>	355 - 365
<u>Lepidocyclina sp.</u>	385 - 395
<u>Operc. mariannensis, Gyp. globula, Discocyclina sp., Lepidocyclina sp., Cam. cf. varerastoki, Cam. jacksonensis, prominent</u>	400 - 410
Light-gray-colored, dense, much calcitized, relatively unfossiliferous limestone	470 - 544
Predominately dense, white to gray-colored (becoming cream-colored and granular with increased depth), sandy, coarsely glauconitic, thinly limestone carrying frequent macro-shells and molds of macro-shells, abundant echinoid and bryozoan remains, and foraminifera	544 - 730
<u>Lep. (Polylepid.) antillea, Camerina sp.</u>	565 - 575
<u>Disc. yeguaensis, Text. davisii?</u>	575 - 585
<u>Disc. yeguaensis, Cib. cf. westi, Cib. howei, Text. davisii, Cyr. soldanii, var., Text. mississippiensis, var.</u>	585 - 595
Mostly pale-green (when wet), fossiliferous marl	730 - 740(+)

OLIG. FOSSIL
"CAVE"?

Formation:

Summary:

Undifferentiated Pliocene - Recent	0 - 65
" Miocene	65 - 138
" Oligocene (Suwannee)	138 - 152
" Upper Eocene (Jackson)	152 - 544
Upper Ocala	152 - 265
Lower Ocala	265 - 544
Middle Eocene (Claiborne)	544 - 740 (+)

Possible Water-Bearing Horizons:

Porous limestone	145 - 265
Somewhat porous limestone	265 - 544

544
152
392

UNPUBLISHED RECORDS
SUBJECT TO REVISION