

CHA 487

4565 #7

- 0-5 Sand; lt. tan, mostly fine ang. gte, slightly micaceous, iron stained.
- 5-10 Sand; yellowish gray (5 + 7/2), fine to med., ang. gte, mic. few med-vec subrd. gte grains.
- 10-15 Sand; as above.
- 15-20 Sand; as above, but mostly med. with some fragments of Pelecypod shells.
- 20-25 Sand; as above.
- 25-30 Sand; as above with olive gray (5 + 4/1) ~~clay~~ clay, calc. probably interbedded. Pelecypod shells
- 30-35 Sand + clay; as above, clay predominates and is sandy + silty.
- 35-40 Sand + clay; as above
- 40-45 Sand + clay; as above
- 45-50 Sand + clay; as above, sand predominates.
- 50-55 Sand + clay; as above
- 55-60 Sand + clay; as above.
- 60-65 Sand; lt olive gray (5 + 5/2) (darker green when wet), silty, argillaceous, slightly phos., with Pelecypod shells + Stromas.
- 65-70 Sand; as above
- 70-75 - Sand; as above
- 75-80 Sand; as above, but becoming more phos. red black-brn phos pellets.

80-85 Clay olive gray (5Y 5/2) (darker green when wet), silty, with sand, as above. Coarsely & abundantly pho. Highly foss. Pterygot shells (often phosphatized) and some Gastropods & sponges. Large phosphate pellets and red grt. pebbles.

85-90 Limestone; yellowish gray (5Y 7/2), dol., silty, silty, pho. with sand and clay, as above.

90-95 Silt; yellowish gray (5Y 7/2) (darker when wet), sandy, argill., ~~is~~ pho, foss., with mottling of dolomitic material.

95-100 Silt; as above. But more argill. less dol. material.

100-105 Silt; as above

105-110 - Silt; as above

110-115 Silt; as above.

115-120 Silt; as above.

120-125 L.S.; yellowish gray (5Y 7/2), silty, pho., with molds and casts of Pterygota and Gastropods. The phosphate is in large chunks and rounded pellets. There is some <sup>light tan</sup> ~~light brown~~ 1.5. It appears that the yellowish gray 1.5. is in fragments cemented by the <sup>light tan</sup> ~~dark brown~~ pho. 1.5.

125-130 L.S.; as above, but no light tan evident.

U.S.G.S. #7

130-135. l.s., some as above but mostly yellowish gray  
(5 x 7/2), ~~is~~ <sup>slightly sdy.</sup> crystallized l.s., with molds and casts  
of mega fossils. Vuggy with dog-tooth spurs projecting  
into the vugs. *Quinqueloculina* sp. (?) found.

135-140 l.s.; as above.

140-145 ~~is~~ Some l.s.; as above, and sand; med., sdy.  
Slightly phos., composed of gtz.

145-150 Sand; as above.

150-155 Sand; as above and l.s.; chalky, vuggy with add.  
nod. Calcite xalts, sdy., foss., slightly glauc. & phos.

155-160 Sand and l.s., as above. *Pyrro* sp.?

160-165 Sand and l.s.; as above

165-170 Sand and l.s.; as above.

170-175 Sand and l.s.; as above.

175-180 Sand and l.s.; as above (limestone <sup>micaceous</sup> ~~sublithology~~)

180-185 Sand and l.s.; as above

185-190 Sand and l.s.; as above

190-195 Some sand; as above, but mostly l.s.; <sup>is yellowish gray</sup> composed of  
particles of ~~cherty~~ <sup>cherty</sup> l.s., calcite xalts and nodular calcite,  
and foss frag. (Ostracods, Bryozoa, *Fram.*). Slightly  
pyritiferous and glauc.

195-200 l.s.; as above.

200-205 l.s.; as above.

205-208 l.s., as above, with some chalky l.s.

208-210 l.s.; white to very light gray, fragmental, foss. fragments (Bryozoa, Forams) of chalky calcite.

210-211 1/2 l.s.; lt. ~~to~~ yellowish gray, composed of ~~shells~~ calcite and larger nodular calcite x'tals. Slightly foss.

211 1/2 - 215 l.s. lt. gray to lt. yellowish gray, composed of very finely <sup>large</sup> shells calcite, foss. fragments, and nodular calcite x'tals. (Bry. Forams (Gast. Pelygods))

215-220 l.s.; as above

220-225 l.s.; as above.

225-230 l.s.; <sup>very</sup> light gray, composed mostly of small Bryozoa fragments and Forams. The fragments are composed of very finely shells calcite.

230-235 l.s. as above

235-240 l.s. as above with some coarsely shells calcite

240-248 l.s. as above

248-250 l.s. as above and with large Bryozoa and large nodular calcite.

250-253 l.s.; white, fragments composed of very finely shells calcite, mostly Bryozoa. Some Forams

255-260 l.s. as above.

260-265 l.s. as above

265-270 l.s. as above.

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270-275' L.S. as above ~~fragments~~

275-280' L.S. as above

280-285' L.S. as above

285-290' L.S. as above

290-295' L.S. as above

295-300' L.S. as above

300-305' L.S. as above

305-310' L.S. as above

310-315' L.S. as above

315-320' L.S.; lt yellowish gray, granular, composed of fragments, foss., slightly glauc. mod. thin caliche

320-325' L.S.; as above.

325-330' L.S.; as above

330-335' L.S.; as above.

335-340' L.S.; as above. But more glauc and greenish gray in color.

340-345' L.S.; as above.

345-350' L.S.; as above.

350-355' L.S.; as above but less glauc.

355-360' L.S.; as above, and L.S.; yellowish gray, fragmental, Bryozoa-rich, with a few large forams. Fragments are small and tightly packed. Some caliche present and large caliche Hal. ~~to~~ glauc.

(The yellowish gray)

- 360-365 L.S.; as above but less Bryozoa.
- 365-370 L.S.; as above
- 370-375 L.S.; as above.
- 375-380 L.S.; as above.
- 380-385 L.S. as above
- 385-390 L.S.; as above, and I.S.; very finely granular.  
 Fragments of finely shelled corals. (orange?)
- 390-395 L.S. as the finely granular of above yellowish  
 gray, forams (forams)
- 395-400 L.S.; as above.
- 400-405 L.S.; as above.
- 405-410
- 410-415
- 415-420 L.S.; as above but more coarsely granular
- 420-425 L.S.; very finely granular - as 390-415
- 425-430 L.S.; as above
- 430-435 L.S.; as above.
- 435-440 L.S.; as above.
- 440-445 L.S.; as above but more coarsely granular. Large  
 Forams. abundant.
- 445-450 L.S.; as above, but fine.
- 450-455 L.S.; as above.

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- 455-460 L.S.; as above, but coarsely granular.
- 460-465 L.S.; as above, but finely granular.
- 465-470 L.S.; as above, but more coarsely granular.
- 470-475 L.S.; as above.
- 475-480 L.S.; as above but fine
- 480-485 L.S.; as above.
- 485-490 L.S.; as above.
- 490-495 L.S.; as above.
- 495-500 L.S.; as above.
- 500-505 L.S.; as above
- 505-510 L.S.; as above.
- 510-515 L.S.; as above.
- 515-520 L.S.; as above.
- 520-525 L.S.; as above
- 525-530 L.S.; as above.
- 530-535 L.S.; as above
- 535-540 L.S.; as above
- 540-545; L.S.; as above and L.S., <sup>greenish</sup> d. gray, finely granular, highly  
glau. Forams (Forams - large & small). Tracils impregnated  
with glau.
- 545-550 L.S.; as the <sup>greenish</sup> d. gray of above.
- 550-555 L.S.; as above.





605-610 L.S.; ~~granular~~ lt greenish gray, granular, very  
Sdy. Foss. (Small Forams). Fragments are mostly composed  
of very finely shelled calcite with some crsly shelled  
calcite. v. fine aug. ~~single~~. Highly glauc.  
fossils impregnated with glauc.

610-615 L.S.; as above.

~~615-620 L.S.; as above but very finely gran. and  
crsly.~~

615-620 L.S.; yellowish gray, Sdy, slightly glauc, slightly  
foss (Forams-small) ~~fragments~~ finely granular fragments  
composed mostly of crsly shelled calcite and some  
composed of very finely shelled calcite.

620-625 L.S.; as above

625-630 L.S.; as above.

630-635 L.S.; yellowish gray, granular, granular, fragments  
of very finely shelled calcite and crsly shelled calcite  
Foss. (Forams-large & small, Bryozoa). Slightly Sdy. & glauc

635-640 L.S.; as above

640-645 L.S.; as above.

645-650 L.S.; yellowish gray, granular, glauc., fragments  
of crsly shelled calcite and ~~some~~ fragments of very  
finely shelled calcite. Foss. (Bry. Forams-small)  
Similar to above.

650-655 L.S.; as above.

655-660 L.S.; as above.

660-665 L.S.; Lt. yellowish gray, ~~fine~~ very finely granular, mostly small fragments of very finely ~~shells~~ calcite, <sup>some</sup> small calcite shells.

Foss. (Small forams), glauc. orange?

665-670 L.S.; as above.

670-675 L.S.; gray, granular, fragments ~~of~~ composed of very finely ~~shells~~ calcite. Foss (Bryozoa, Forams) fossils impregnated with glauc. + phos.?

675-680 L.S.; yellowish gray, finely granular, slightly glauc. fragments composed of very finely ~~shells~~ calcite, ~~and~~ Foss (Some Bry. Small Forams) orange?

680-685 L.S.; as above but coarser + more glauc.

685-690 L.S.; as above.

690-695 L.S.; as above

695-700 L.S.; as above

700-705 L.S.; as above but fine + slightly glauc. orange?

705-710 L.S.; as above

710-715 L.S.; as above very fine.

715-720 L.S.; as above but coarser, greenish gray due to larger amount of glauc. + phos(?)

720-725 L.S.; as above but finely granular

725-730 L.S.; as above.

730-735 - L.S.; as above. but less glauc.

735-740 h.S.; as above

740-745 h.S.; lt. yellowish gray, slightly glauc, chalky  
composed of very fine calcite particles

745-750 h.S. as above more some white calcite