1 Miami

Home & Office

Memo Book

40 SHEETS
6 IN. x 4 IN.

UNION CAMP CORPORATION • WAYNE, NEW JERSEY 07470
NO. 524354

Dade cuttings – Miami Ls

(16)

5578 (and gr sand)

0–10 gry tan somewhat ssy w moldic, micrite

10–20 wht oolite Ø with calcite & ...

20–30 (sand) and wht-gray ssy

scatt sm moldic ... scatt only pmt ...

(1)

5579

(1)

yellow oolitic cryptoxline

fine sand

(2)

5428

(1)

(microsparry) poid calcarn yellow-wht

-SY (part. next)

(3)

5216 ⓪

1x tan vhd slightly ssy some sm mollusc

oolitic cement & micrite

(6ag) ooid calc

④

(40g) wht cryptoxtl cement
ooid calcar
(c) scaly forms
sm molluscs

Good
(1g) cuttings

55/0 ⑧

none present ??

5739

(1)

top yellowsan bryoz? colored?
vfinlyssy
bare hd mcutecem. vsparcely
colitic vfinlyssy.?

(5)

5508

(1)

vfnlyssx no moldic mainte

(6)

6387

(10)

collitic calcar. micrite cement
hd. fueilles
① Archaeata! at base

(7)

7484

(2)

fine collitic calcar
cryptocryst cement

wnt

(8)

(34)

3491
c thin tan micrsparry w/ calc (rare)

(9)

(22)

5849
almost all recx tan-brn
w/d. clear micrsparry
→ (cat to sm fr to sand)

(10)

OK (samples)

5732 (11) ✓ scattered cloudy sand

wht v rsy (wf-x) cmpxtyl cement
peloidal?

xo tan
nemetic ss w/ v low to low
microspar cement

slightly x less rsy at top
more toward base

(11)

(Rock samples) ✓ (14) (partial cores)

(16826)

(white) (1)

v finely xlline in cmpte cement
v chalky & lutitic

structure: mottled/burrowed?
0 – 10'

+ fragment calcarenite
12½ –

dk yellow & white Bryozoan rudite
oo – v pellet – moldic
also scatt mt. molds of gasts.
(high spired)
also pellets & coids
v rough & "channeled"
v comm
v low sm mollus molds of pelc & gasts.

at 20' wht to lt yellow
w/ moldic xtal v. rough
but less "channeled"
Archaias!!

these spots have nmolluscs & pellets made

micrs spar cemt patchy/mottles pont rexl ooids/pellets (outer crust preserved only)

5' Sllers bryozoans still some inx. mollus gasts.

@ 22½'

PYT OR TAM

v Archaias Rich! also

Call these 3 "noncontinuous cores" or "grab sample core"

new

core

②

16 025

wht micro spar (rexl) @ only scatt to some upto fine ooids & pela. channelled but not too much; more rock than chalky again

upper channel

~13' middle

v rough & channelled

ok

also fragmental calcarenite ordinary bryozoans some ut ext and rimmed ϕ zones

dk yellow to tan - yellow

some zone of rexl in place (micsp) ooids/pellets

top pt not dk yellow

tan-brown minute [illegible] scat
& [illegible] row cuticle scaled
pebbled nodule
& zone of white/white

(6) 25' Archaias rich
nodule & foram rich
ptx.
MX lime
gray st. tan-yellow
rx spots
much more muscle & higher
sp. sr than orange
looks like
coarse facies. algae

new
76,024
core (3)
top
v calculate rich, knobby
(w) zone of grey-white
v. hd
which contains scat nodules.
progressively more channeled texture
base

(51) yellow v rough & channeled
bryozoan v white
fragment matrix
v. stiff pectens
abundantly nodule wk-f
scat int. nodules - high spired
gasts
chime cancellata nodules 1/2"
& v. scat Archaias
Bryozoans v rare
some drusy to cuticular yellow
calcite

Cu (B) the "lwr" zone" ? i.e.

(amalgamation) lgt v. ovendoe (few-v X)

(20') less channelled)

also Chive conv?/ modes

+ Lew bryozoa

T. T. T. ① 25'

Case 16 395 again ④

0.5 – 10.5 much less coarse

zone ① | 0.5 – upper ⓐ ½ calcilutite only

lwr ⓑ thin yellow dk. "channelled"

10.5 – 16 much harder & more ll?

zone ② Archaeolith. sp.

(=)

637

(6)

✓ calculation @ top wht yellow
o-t ✓ lower cuttings 0 below

(12)

790

(6)

NO MAM!

6ct poor (?) cuttings

(42

(m)

c fvoly uy
calculutite & microspary
mud hd

(13)

NOTES

S Dade: Miami undulain
6 y upper Calusa. Ls
(micrite)

Cent. Dade (& N?)
Miami undulain ?
unfossil gT2 sand
ot
upper Caloural,

9/9/ ✓

✓ thin

(X)

(14)

micrite lt yellow und
only slightly ssy Archaias
scatt v sm pellets, oomoldic
scatt ooids

dk yellow - fan & wht
v oomoldic ufine/low qtz QR
microsparry
some color still present

ssy micrite al some?
↑v.f xorned
scatt

above qtz sand

✓

522 Z (8)

ooid calcarenite scatt-rare
(crypto)
c wht color wx - mod
✓ scattered along qtz
more crypto lament
↓ down
scatt Dorax sp!! (v small)

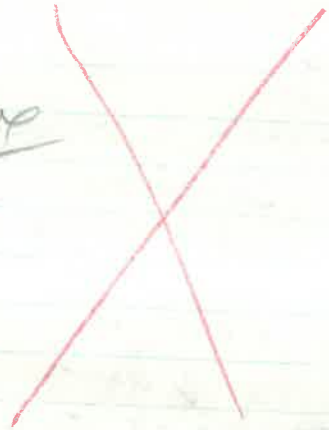
(15)

above sand

443

none

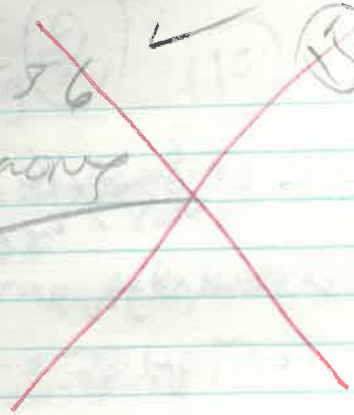
(M)



7556

none

(J)



7363

(18)

see core & sample-
mells
This one is just
cuttings & not
most good

(16)

160

(10)

at ovids/pellets
(sm)
scat
+ fine pelex molds

and consolid
cmptoxle at top
to midropmny
dirty
to dk yellow st,

(17)

D057 ✓ (13)

part rext void clear.
cement is micro-fen

voids vf-med

~~yellow~~

(18)

1299 7 (19) ✓ good samples

mottled
rexL & channelled yellow-orange
scatt OO mold (L-X)
to abund

some mottles finely sparry
only scatt gtz sand (X-M)

~~buse abundantly mottled~~ (sparry)
(Y-X)

less rexL "mottles"
& wht calcilutite present
also v scatt on mollusc

(19)

10303 face samples ← (23)

int vf. white perx. rex
@ Donay sp
some coarse euhedral/yellow calcite & oumoldic (vf-f)

non-ss (vf-fg?) @ oumoldic cement
& (w) microspary cement
(less sf more int Ls)
(w) oolds > pert. rext (not very clearly delineated)

(20)

Broward

6020
top (20'-30') yellow-tan rext
spary calcite vf-coarse
~~oumoldic~~ oumoldic
microspary rext @ some calcilutite & wide range
~~(w) ghost vf-coarse~~ tan micro por to acicular (w) calc sand size millions? thin
ss gtz vf @ pay arg silt vf
F? ?? (40-50)

(21)

(1730) ✓ good

ss/ oolitic w/ dunny sp
crypto to microsp. cement
+ plenty of coarse spar
and calcilut.

ss (up to coarse) ?

& dunny sp w/ sand lower
(31-33)

pure sand 33-38 FT.

(22)

closest to
Dania cutoff
canal
outcrop

(2457)

ss/ oolitic calc w/ sand

✓ fine ss bit w/ of black & amb
pay

30-35'

(23)

2nd closest to
Dania cutoff
canal

✓ 2068 "grab/spot CORE" (5)

Sand top +2.6 to -0.8
oomoldic mollusan and
b/yozoan wht to gray to
tan
channelled & mottled

— sandy a fely calcareal calcite
(-.8 to -3.9)
also some amount
coarse spar

-3.9 - 10.2
intertidal cgl? breccia wht
archaias pech - micrite
(pexc) - pelletal? (part pexc) miami)
[IN] v fly ssy gray ss. micrite
& und. band miami ss???
micrite ssy sandy not pellets/und)

✓ spot CORE (6)

2069
+3.2 →
sand oomoldic w pexc bryozoa &
part pexc w...
-2.7 to -4.5
v ssy channelled (=burrowed)
channels contain calcilutite
mainly vf w sand

-6.5 to 10.9 very ss w lake sand
& scatt vf poy
FT 7 ✓
(-10.9 to -12.5
chalky calcilut. ss
w vf poy
some patches
micrite

spot core

✓ 2074
(+6.9 – +5.2 peat)

+5.2 – +0.4
dgyxl/y/shelly/lute
v chalky
= VDSS or FtT

+0.4 –>
ssy micrite
FtT / Colos... / Tam

NO MIAMI

spot core

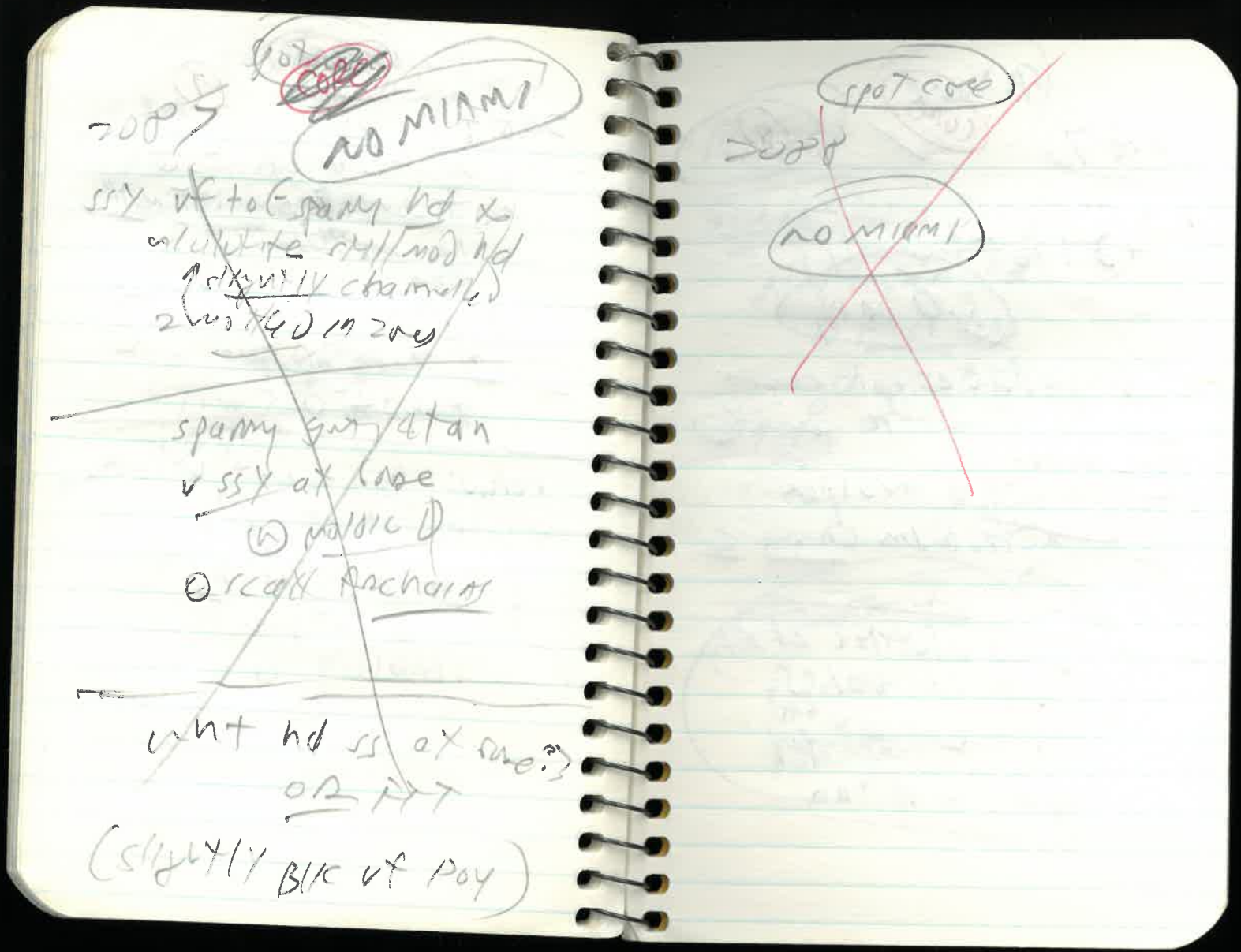
7

2084
vhd

ssy micrite to calcilut. w
scatt. ... somewhat mottled
yellow mottle also
tan
... mottles also

... zones of spary calcite
+3.3 to 0.5 only

below: tan to wht v fly ... w
... qtz sand
& wht v f qtz ss hd
w scatt por


NO MIAMI
spot core
NO MIAMI

Spitcane

20897

CORE

8

✓ Miami
+3.4 to -1.6 only
5.0' only

hd

Abd. comolble crypto county
@ mottland munete count
Reyl aids

scatt Dmaxs & medspar
scatt sm chime

write

✓ calculate chalks
✓ f cs below
scatt bikl
pay

gray to dk tan

14870

vsm amx | abnd comolble andssy

gray to tan hd

@ Archaias

in gr sand shell

24

closest to
PBCo.
Hillsboro canal

7839

v. poor sampling

ssy?

25

7369

v. low content (20-25)

tan to wht

tot. collectn ssx. and avg mat/shells

esp Donax

(in sand & abundnt shell)

+ good (ssy) shell & Green anastasia below

@20 . x UDSS above

26

~~7839~~

~~25'~~

~~FFT / front grid cogume constantly~~

~~25 -> to 50~~

~~(FFT 25 - 40)~~

~~NO MIAMI~~

11 GP7

0 - 15

small part

and oo ndolic K tan scott hoarmon

wht films of on d

some VT-T grs saw

in 6 rw

NBIS grs.

(27)

Palm Beach

13144

✓ low content in brn gr sand
0-5

wht to tan moldic rich ooid calc. rsy

slightly
FT T shelly (any rolls) sand below

(28)

10585 ✓ ok

dk tan comoldic rsy
hd

some ooids have sand gr nuclei

cement is micrite
some brn-olive microspar mottle

some sm zones, x-ing
dky yellow-tan calc. up
spm

F/15

below 15 all tan gr sand

(29)

1417

none

1702

none

Loss of Colorah.

11513 good sample. ✓

✓

ob.
oo molders @ sand gras left.
orann - st. & weath

(0-20) only in brn gr sand
core wht yllw - lined w molds

scatt wht mollusc frags

(30)

✓ good sm

10666

0 - 35' gr sand

2j →

very crypto. mosaic (gr-fg fns) ☺

no mlam.

(31)

mainland
monprop
445

samples begin @ 141

no micro
below
Boat

SE Collier
15 841

nono @ 30
(unwashed)

Keys Monroe

137

✓ good samples every foot

(1') = 6rn organic stained ooids (32)

2' – 7'

✓low ta mod calcilutite cemnt ooid calcarenite

✓ scatt sm mollusc grs

(4 8' sow crypto cement

scatt sm mollusc frags (5) 3 key!

✓ abund. crypto cemnt

28 – ⊙ 6rn micrite blebs & vf. oolite

+ scatt vlg mollusca

& coral

ooids vf.

Do cont ←

32" – 33'

mollusc frags & ooids & spar
rare

microsp. coral (xtal) microspar

× sort from bonaldi

Key Largo

34

microsp. to

coralx sp

coral

2485
undi sand & dry
to 70' only ?

Dade Co. (partial cores)

W-16437 3319? DAY-26 (9)

6-8 tan to yellow oomoldic
~~microxtline~~ (microspary) @ sm
zones of silty pell. ooids
8-10 dk. @ calclutite zones &
films of ooids / v low tan mollusc
archaias? moldic ф
10-12 tan to dk yellow mottled wft.
sandy, ~~scatt~~ mdc ф oomolds, abnd.
archaias (but is left FT.)

W-16436 DAY-27 3319? (10)

4' tan & yellow oomoldic mottled
scatt ... common calcilut.
films, microspary, low sm moldc ф
4-6 wht & lt tan oomoldic but
less so ... many more unalt
ooids, low tan mollusc moldic, micro
spary (? ...)
6-8 ... white

either breccia or "mottled" lighter
dives of cumulic, complete to micro
spary, scatt calcilutite films
in dk brown rexl "micro"
(a) Archaial, v channeled? burrows
sm possible rexl Bryozoa
8.5-10 wht mottled (slightly)
tan around Archaias (rexl)
and some cumulic, and scatt fully
rexl Bryozoa, rexl lg(er) mollusc
microspar tomeculite sparry
10-12 wht to vlt tan// cumulic
(get less fully rexd spar) mollusc
-& mottled, v. burrowed, definite
fully rexl Bryozoa,
12-14
v burrowed (a) 2 lithos:
(1) hd rexl complete to micro
(a) cumulic, rexl sparry mollusc
(fairly lg) and abundant rexl

Archaias (definite pudite)
(2) in burrows: fragmental calcarenite
v poorly to uncemented & yellow-tan.
whole sx is v hd & consol.

14 → tomeculite & plenty of ssy
cumulus/ calcite

what appears to be cumulus
are worm tubes & sm foram
molds ? I think.

ssy wht to mottled below ~21'

DAT-2

W-1643J (11)

0-2 v weath & Rexl Miami brown to orange-tan to dk yellow, in zones of oomolds, seen fully Rexl w gr only partially v w/ burrowed but [illegible] a high sp gr. /plant root Rexl? but [illegible] calcrenite

2-4 v weath detritus-coated oomoldic yellow, as peb[illegible]

4-6 dk yellow & tan mottled v sparcely oomoldic & oolitic hd microsparry, Archaias & other sm'ier foram rich // Rexl calcrenite? w some burrows & mod [illegible] mottled

6-8 v lt tan to wht unrexl [illegible] & calcilutitite w sm zones of crypto xl oolitic also burrowed

8-10 do but more crypto zones & less soft chalky calcilutite

scatt [illegible] (?)

10-12 v burrowed cryptoxl oomoldic to oolitic common rexl organics ?? + scatt [illegible]

12-14 dk yellow to yellow tan microsparry scatt oomolds & oo[illegible] w some voids fully rexl. some cryptoxl, v burrowed w calcarenite

14-16 dk yellow tan v twisty rexl oolitic in hd microsparry cement v burrowed w/ voids w/ fixed + some rexl Archaias

16-18 dk yellow & tan-yellow mottled, rexl oolitic to oomoldic micro xl (spar) chlam? [illegible] molds, scatt Archaias

18-20 do but rexl oolitic micro spar predom. v good pict spec

20-22, FTT
SSY [illegible] mottled & [illegible] GRN

Overburden core

N-16440 DAY 18 (12)

6- 3310

2-3 lt gray-wht
oomoldic round/mottled (w scat)
zones rexl oids if micro spary
somewhat burrowed/some fully
rexl Bryozoa recognizable

3-4 gray & wht mottled
calcilut & cryptoxl // point / mes
oomolds mainly vf-f // scatt
microspary Os = Bryozoa?

4-5 lt tan
microspary v burrowed
mainly rexl oids w scatt zones
of oomolds (vf-f) // ~~lots~~ lots
of calcar el lutite burrow lined el
fill

5-6 lt gray el somewhat
crypto to microspary & som
lutite, oids & ooid molds
scatt Dasycl // local vf gtz sand

6-7 gray & tan cryptoxl
w spot vf-f partially rex'd
filled oomolds, v irregular
mx lg oomolds

7-8 gray & tan mottled
cryptoxl gray oomolds & tan
mottled tan micro sp. rex'd in
place oids // some lutite oid-fillings
in gray v irregul.

8-9 cryptox oomoldic mostly
gray & some microspar & tan
scatt Archaias

complete rexl

9-10
gray & wht mottled same as 7-8
but w/ some rexl calcar in 6-...

10-16 gray oomoldic to outcr rexl
mostly microcrystalline mainly cemented
calcar. // scatt gtz sand & calcite

16- T.T. rotted "cavernous"
fussy "infilled"

16437 [crossed out] ... (not sampled)
|29 →

16437
6 3334 DAT-1
7-10 mottled yellow-tan
ssy (wt-x) / burrowed /
FTT.
No Miami

16439 DAT 15 Miami 3307?
0-5 yellow & wht
v burrowed & irreg.
oomoldic xs
wt xot ssy (same) (xo com)
v thin here

FT below
n words of
vssy

(13)

3306? (14)

16444 DAT-14
0-2 yellow wht
oomoldic ~~[crossed out]~~ micros
scatt sm pelecyp molds
v weathered & porous
2-8 mottled v lt gray & dk yell
oomoldic
wht = pel oids
burrowed ⊙ calcar. frags
scatt pel & sm mollusks
8-12 wht to v lt yellow
scatt oomolds
mainly pel oids & mostly voids
v burrowed & irregular
burrows lined by pel & cemented
gray frag calcar.
low pel to mold sm mollusks
scatt of sand
12 → FTT.

3308?

(16445) Dat-16 (15)

4-7
yellow-wht
oolitic (calclut) to part recr wht
v irregular
cmp to
some qtz sand
most sand is nuclei of oolites
7-16 yell-wht
oomoldic micrsp.
and ssy micrspar w/ whrg
ooids recx & merged
(@ sand nuclei)
(C: classic oomoldic
ssy
mottled)
v irregular
10 → ssy mottled yellow + tan
(corallin) no traces of ...
? 14-17 may be v. rect.
ssy ...

3314? (16)

(6446) Dat 222
0-4 oomoldic & pellet-moldic
wht & yellow-tan
mottled
micrspar @ scatt calci lut.
locally to sm mollusc moldic
4-7
yello & wht mottled
yellow micrspar oomoldic to cmpl.
recr ooids some wht lutite
films
white calc. ooid & calcar. comfy
7-8 lite gray-yellow
cmp to oomoldic to oolitic (@ in ooid films & portions)
scatt sm mollusc mold
v irregul & low spar
8-10 lite yellow-gray (top)
poorly defined oomoldic
like low sp gr micro-scoria or
pumice scatt sm zones of

well-defined oomolds
(w/ sm mollus molds?)

note:
v poorly def abundant oomolds = I think "fine calcarenite, loose"

(base)

"Greccia" lt yellow / dk brn mottled
lt yellow = oomoldic to fully rext ooid to wht-filmed ooid
- abundant // micro spar to cryptox
brn = micrite to spar
= centers of bryozoa?
chime c wld

10-14 (top) brn tan
crypto
completely rext but wld ooids
hd but slightly irregular

burrowed
some to ovoid Archaias
small euhedral calcite

(base) usually brn
dkgray micrite
no ooids or oomolds
FT T

16447 Day 23 33157

0-5 wht & orange mottled (top)

wht = ooMolDic to wht calcilut ooliiC micro spar / u scatt Dwx (sh) films orange = unea thr / chance / or burrow (oolite) - "calcrete"?

(base)

wht finely oolitic in crypto @ some oomolds / irregular & rough / some zones @ voids in calculutite

5-8 (top)

wht microspar oolitic to fully rexl oolite scatt cryptoxl @ crypto

irregular & rough scatt Dwx films.

(base) wht - gray cryptoxl oomoldic scatt zones @ completely rexl voids & zones of ogmite wht voids some yellow dusty calcite irregular also & burrowed

8-10 see above but yet more irregular

10-11 crs oomoldic wht to lt gray & irregular (partly) scatt small zones of wht voids present

11-13 wht oomoldic to oolitic to completely rexl voids

wmoldic : cypto
compl. ncaf micrUS parry
ooid mollusc
v. marg. / burrowed

13-18 (top)

wht (yellowish)
vf-ooided wacky(?)
burrowing, pore kary-calcareous
some ech. calcite
no sort., rough
scatt of recog. ooids
v.v. rough.
some vf qtz sand

(base) 6m acrite
SSY to nonssy of
mcricite
T-T T.

DAT34

16449

10 ft of
hd
miami

(18)

6-16 (top)
hd oolitic / pelletal calcar.
wht w/ complex cement
some echinoid / calcite XLs
and microspar zones
scatt XL filled mollusc molds
of white in mollusc

(base)
tan completely recryst ooid
calcar. gr bound grainstone
Anchorage pell.
microspar cement & hd
some completely recryst mollusks
slightly bored / v. scatt qtz.

16-18 dk yellow compl. rexl
ooid / pel. calcar.
v bored

still Archaias rich
+ plenty of what looks like
very calcar but is ooids (recx)

10-26 tan (top)
and calcar
@ empty to micaricement
@ small to partrecx tooth
recx to aomoldic (ooids)
around. molluscs recx to moldic
scatt to some Archaias

(base) tan to tan to dky yellow
recx aomoldic mottled
some ooids wht small and
completely recx
micros purcement
some yellow drusy calcite
some calcite xls
v. good
about recx molluscs and bryozoa

@26: why to brown lutite
(brd)(ssy) @ breccia at
v recx Miami?;
micro-pen to micrite
almost no grs visible

26-36 (top)
lt yellow-gray
sm foram & lg mollus moldic
(wright) → und
microsp to compte FT?
FT v fine foram & forty
rich & lt colored

Keys (key words)

2484	137
#5	~~(265)~~
#6	(4412)
#7	
#8	

Broward

Monroe Mn...

12682
11768
445

~~1730~~
~~3957~~

Dade DC...mal 347

14067 ←

~~60202~~
60 531

~~73170~~ 19

~~7369~~

~~7039~~

W - ~~2008~~ 2102
2101
2088
~~2069~~
2080
2083
~~2084~~
~~3025~~
2086
~~2087~~
~~3074~~

~~14870~~
04
1069

P23

~~10702~~

~~10666~~ 10669 12417

~~11513~~ ~~10525~~

~~5144~~ ~~12854~~