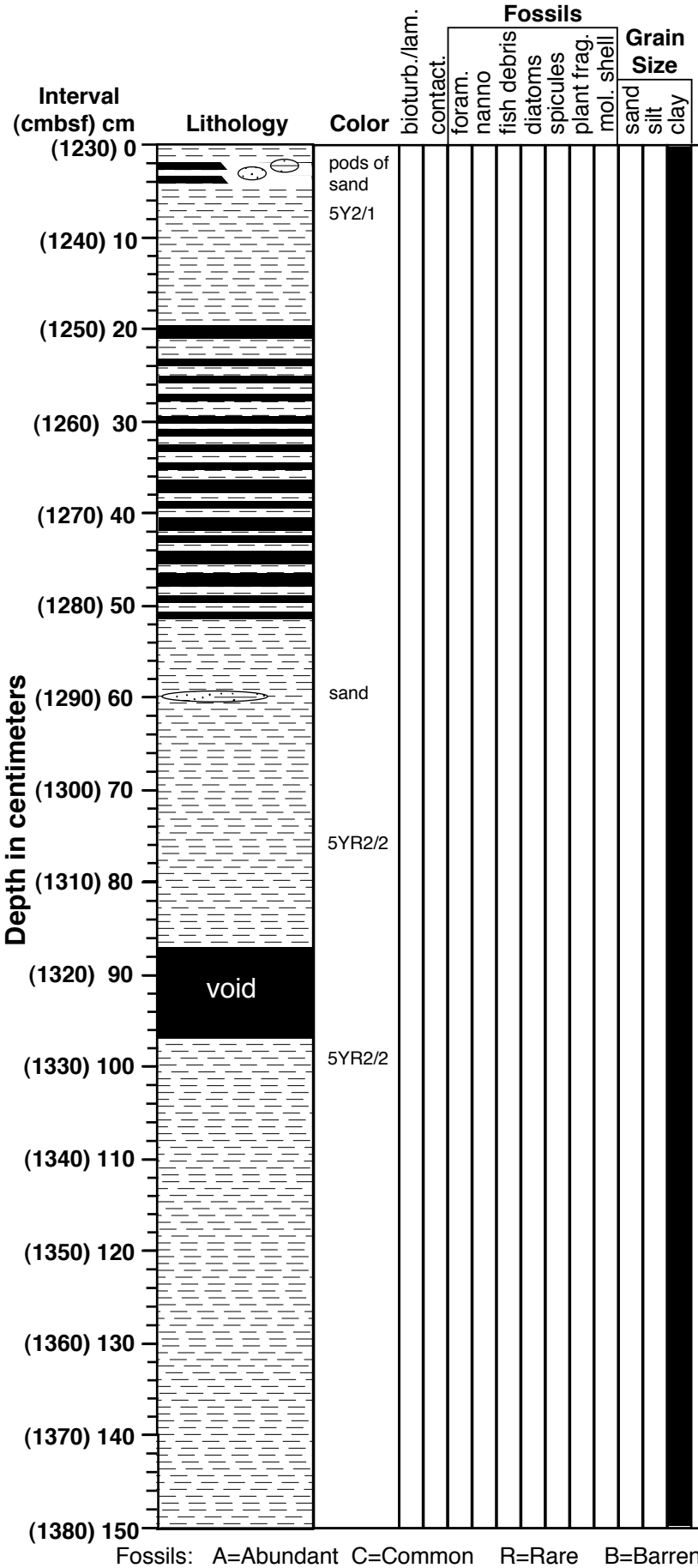
OXMZ01MV Core: PC10 SECTION: 1 (1230-1380 cmbsf) Lat.: 23 36.54 N Long.: 111 33.5 W

Water Depth: 433 m



CLAY (organic-rich):

0-50 cm: basic stratigraphy is cm-scale interlayering of light and dark bands. there are some slight variations in color, but the basic colors are

dark: predom. ol. black (5Y2/1)

light: predom. mod. ol. brown (5Y4/4)

4-20 cm, and 52-75 cm, contain intervals with diffuse cm-scale bands

75-150 cm: homogeneous dusky brown (5YR2/2)

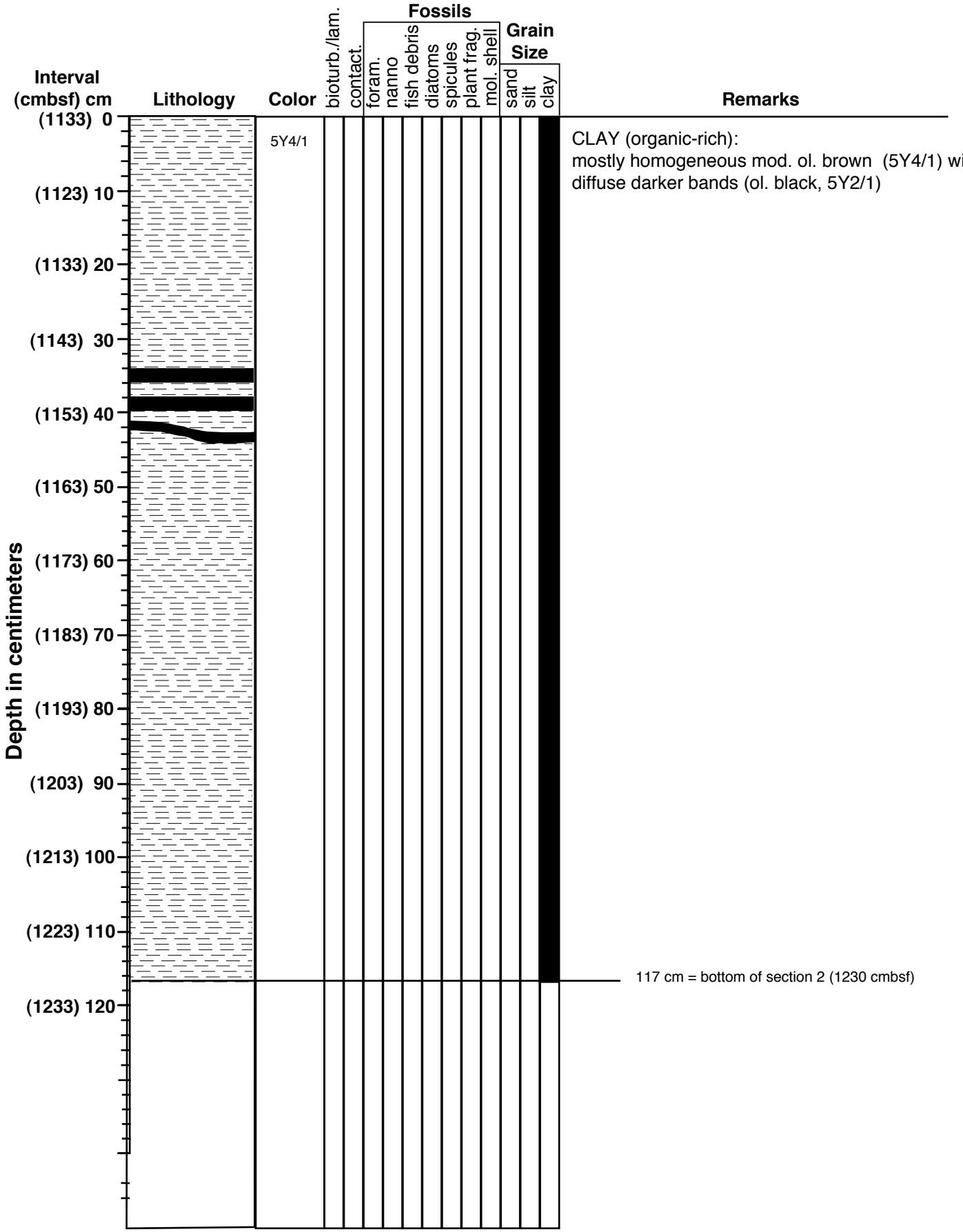
150 cm = bottom of sect. 1; 1380 cmbsf = base of core PC10

Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide

Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 Sect.: 2 (1113-1230 cmbsf) Lat.: 23 36.54 N Long.: 111 33.50 W

Water Depth: 433 m

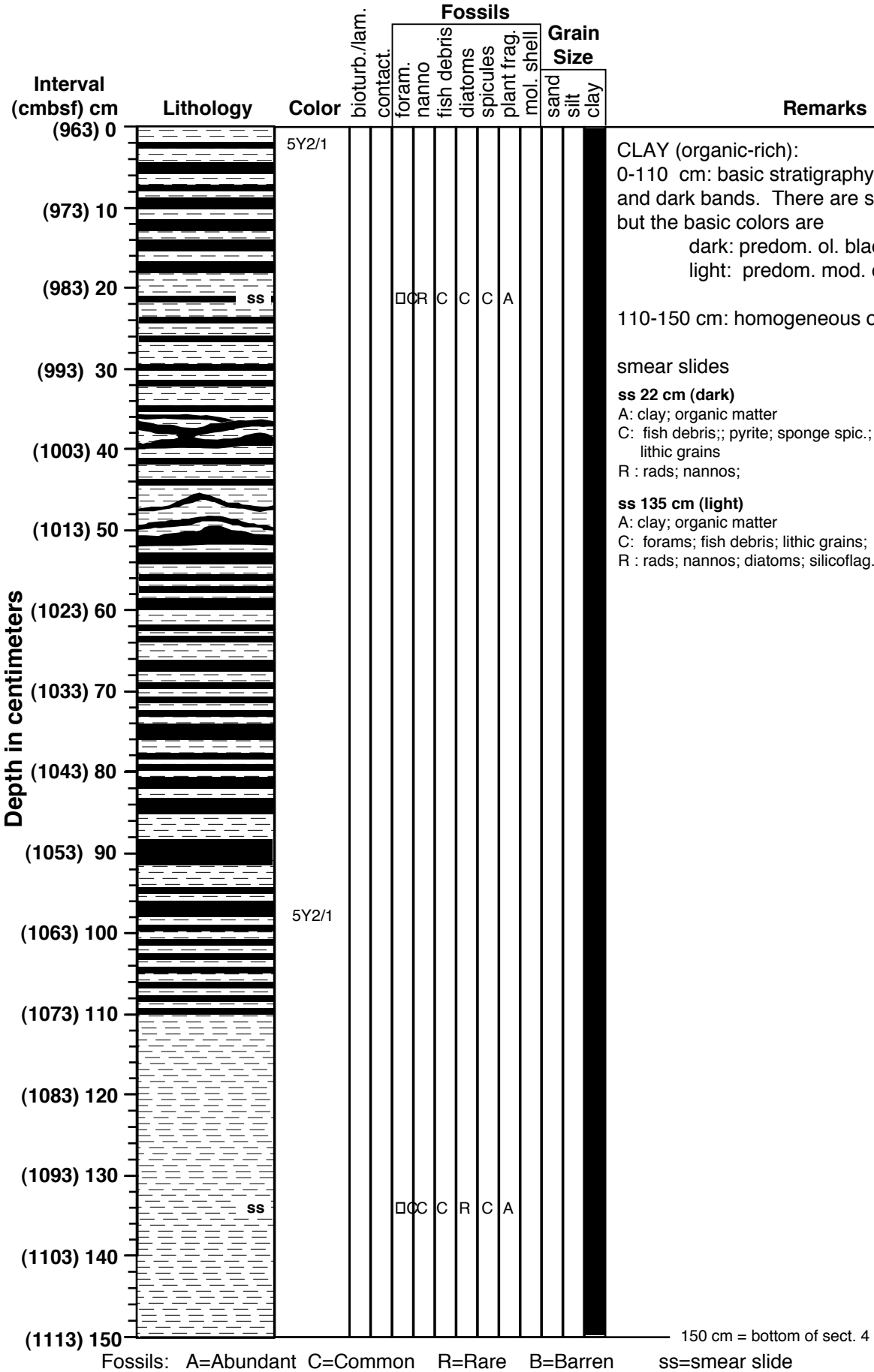


Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide

Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 SECTION: 3 (963-1113 cmbsf) Lat.: 23 36.54 N Long.: 111 33.5 W

Water Depth: 433 m



CLAY (organic-rich):

0-110 cm: basic stratigraphy is cm-scale interlayering of light and dark bands. There are some slight variations in color, but the basic colors are

dark: predom. ol. black (5Y2/1)

light: predom. mod. ol. brown (5Y4/4)

110-150 cm: homogeneous ol. gray 5Y3/2

smear slides

ss 22 cm (dark)

A: clay; organic matter

C: fish debris;; pyrite; sponge spic.; forams; diatoms (Azpeitia; girdle bands) lithic grains

R : rads; nannos;

ss 135 cm (light)

A: clay; organic matter

C: forams; fish debris; lithic grains; pyrite; sponge spic.

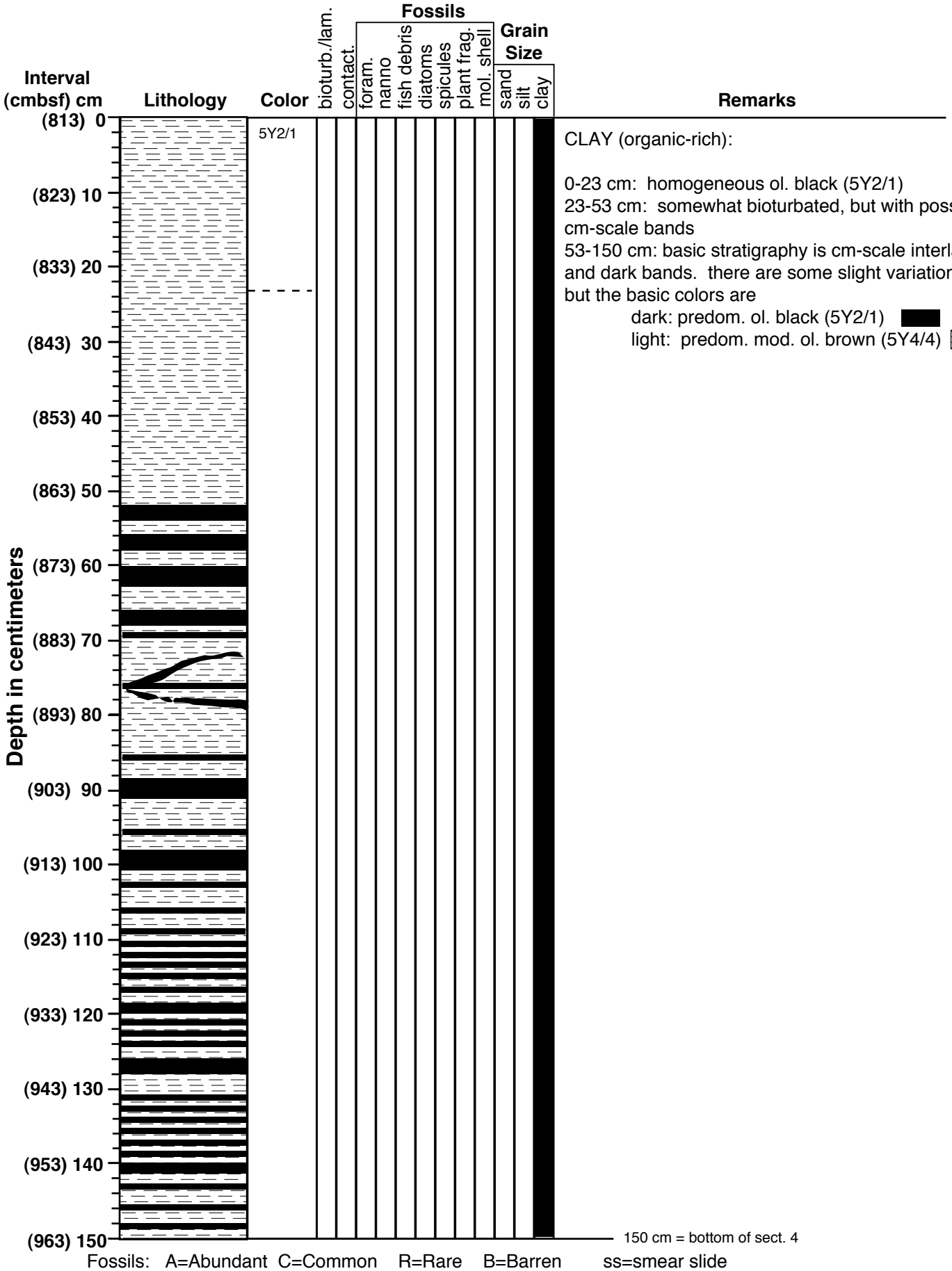
R : rads; nannos; diatoms; silicoflag.

Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide

Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 SECTION: 4 (813-963 cmbsf) Lat.: 23 36.54 N Long.: 111 33.5 W

Water Depth: 433 m



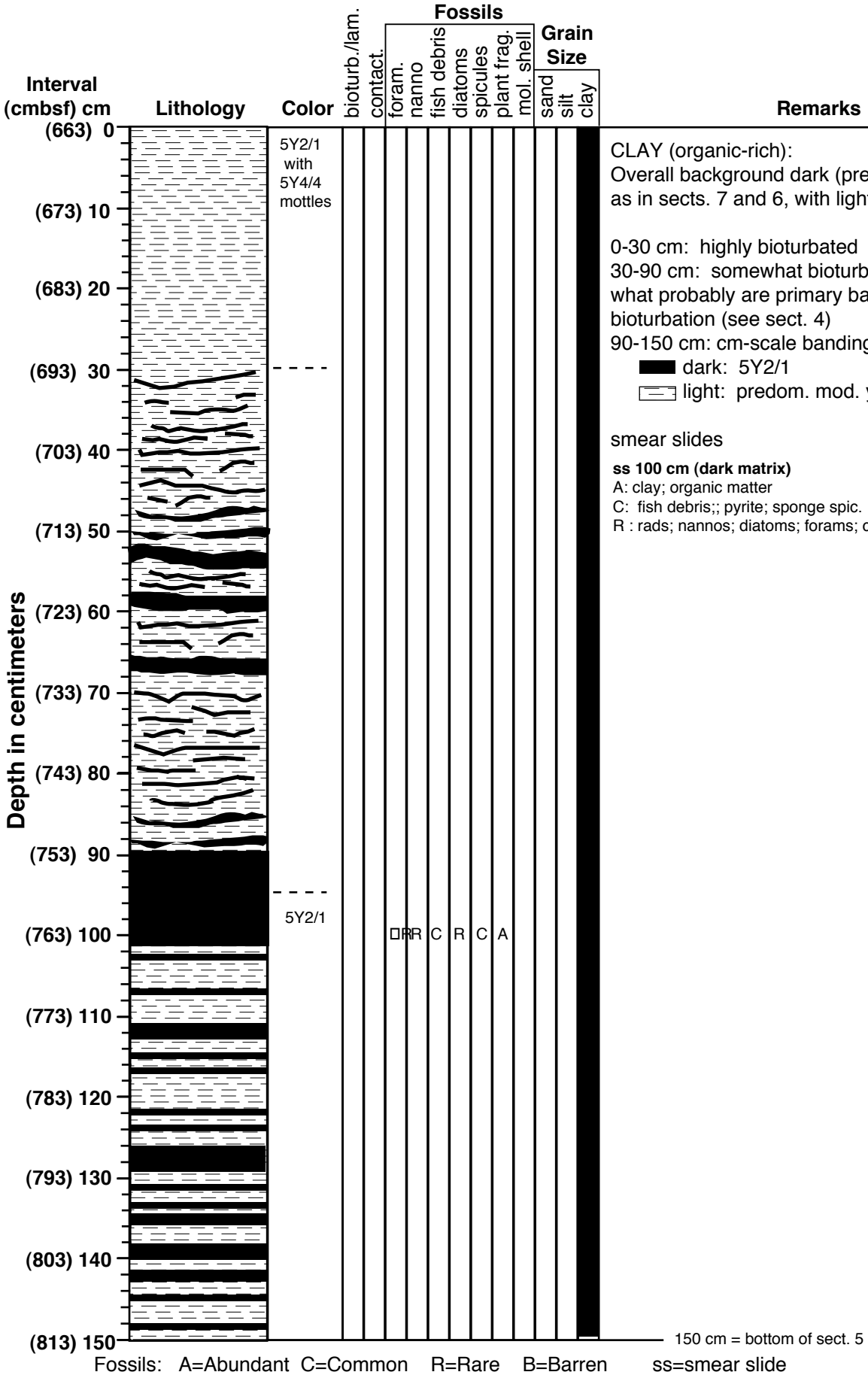
CLAY (organic-rich):

0-23 cm: homogeneous ol. black (5Y2/1)
23-53 cm: somewhat bioturbated, but with possible diffuse cm-scale bands
53-150 cm: basic stratigraphy is cm-scale interlayering of light and dark bands. there are some slight variations in color, but the basic colors are
dark: predom. ol. black (5Y2/1)
light: predom. mod. ol. brown (5Y4/4)

Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide
Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 SECTION: 5 (663-813 cmbsf) Lat.: 23 36.54 N Long.: 111 33.5 W

Water Depth: 433 m



Remarks

CLAY (organic-rich):
Overall background dark (predom. ol. black, 5Y2/1) as in sects. 7 and 6, with lighter burrow mottles.

0-30 cm: highly bioturbated
30-90 cm: somewhat bioturbated, but with some zones of what probably are primary bands only slightly affected by bioturbation (see sect. 4)
90-150 cm: cm-scale banding of
- dark: 5Y2/1
- light: predom. mod. yel. brown (5Y4/4)

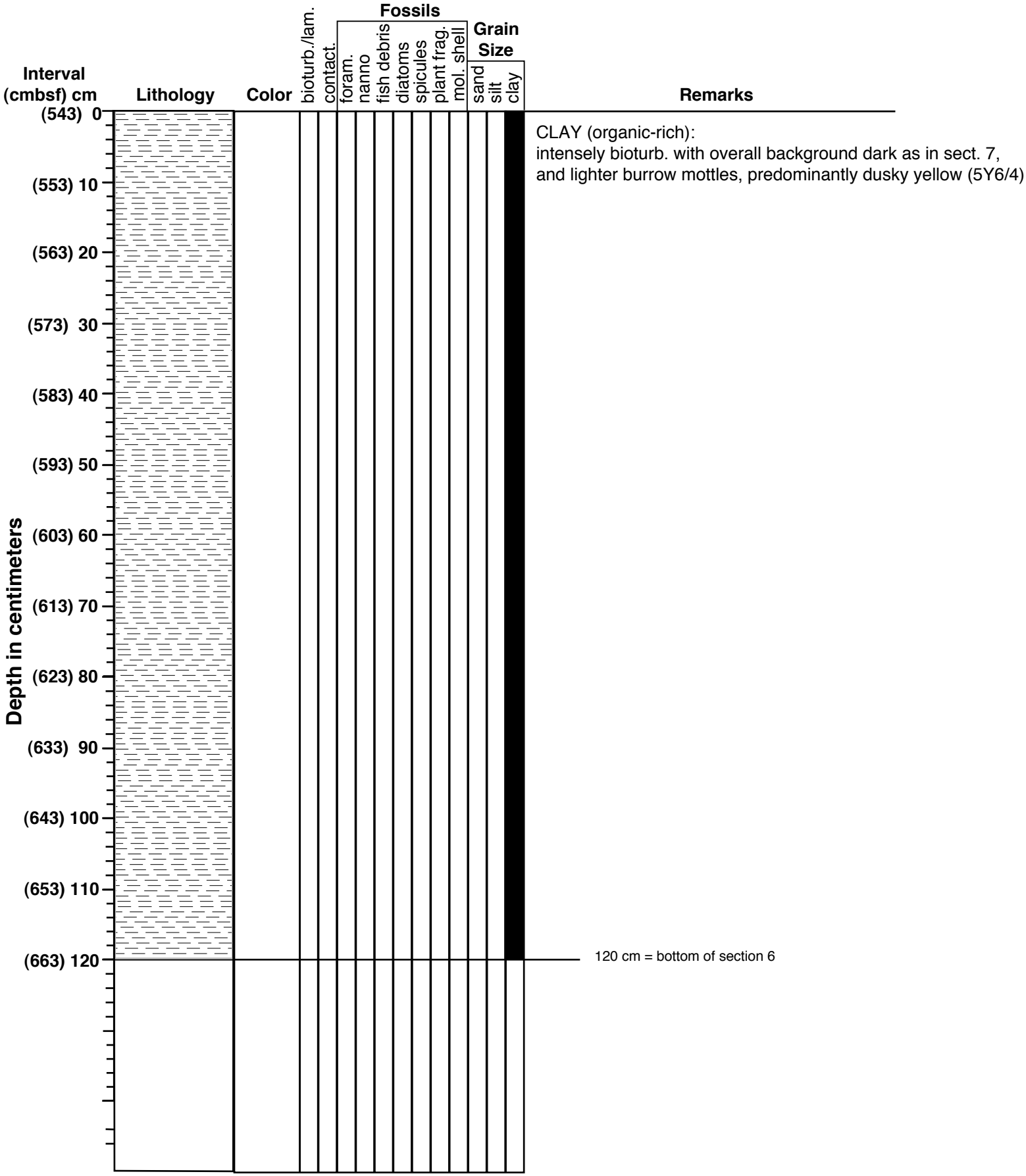
smear slides

ss 100 cm (dark matrix)
A: clay; organic matter
C: fish debris;; pyrite; sponge spic.
R : rads; nannos; diatoms; forams; carbonate rhombs

Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide
Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 Sect.: 6 (543-663 cmbsf) Lat.: 23 36.54 N Long.: 111 33.50 W

Water Depth: 433 m

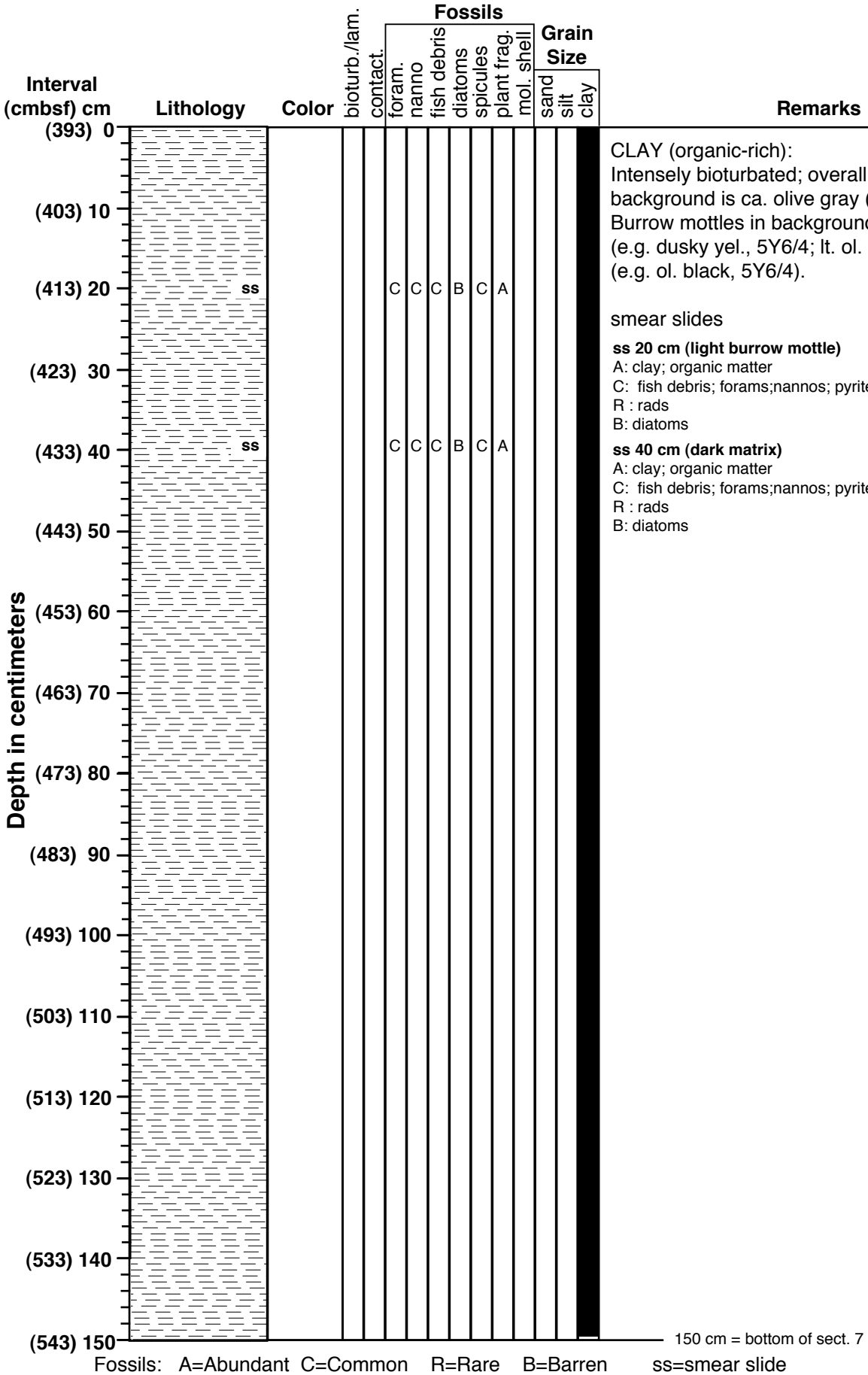


Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide

Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 SECTION: 7 (393-543 mbsf) Lat.: 23 36.54 N Long.: 111 33.5 W

Water Depth: 433 m



CLAY (organic-rich):
Intensely bioturbated; overall color is darker than in sects. 8 & 9; background is ca. olive gray (5Y3/2) to mod. yel. brown (5Y4/4). Burrow mottles in background are both lighter (e.g. dusky yel., 5Y6/4; lt. ol. gray, 5Y5/2), and darker (e.g. ol. black, 5Y6/4).

smear slides

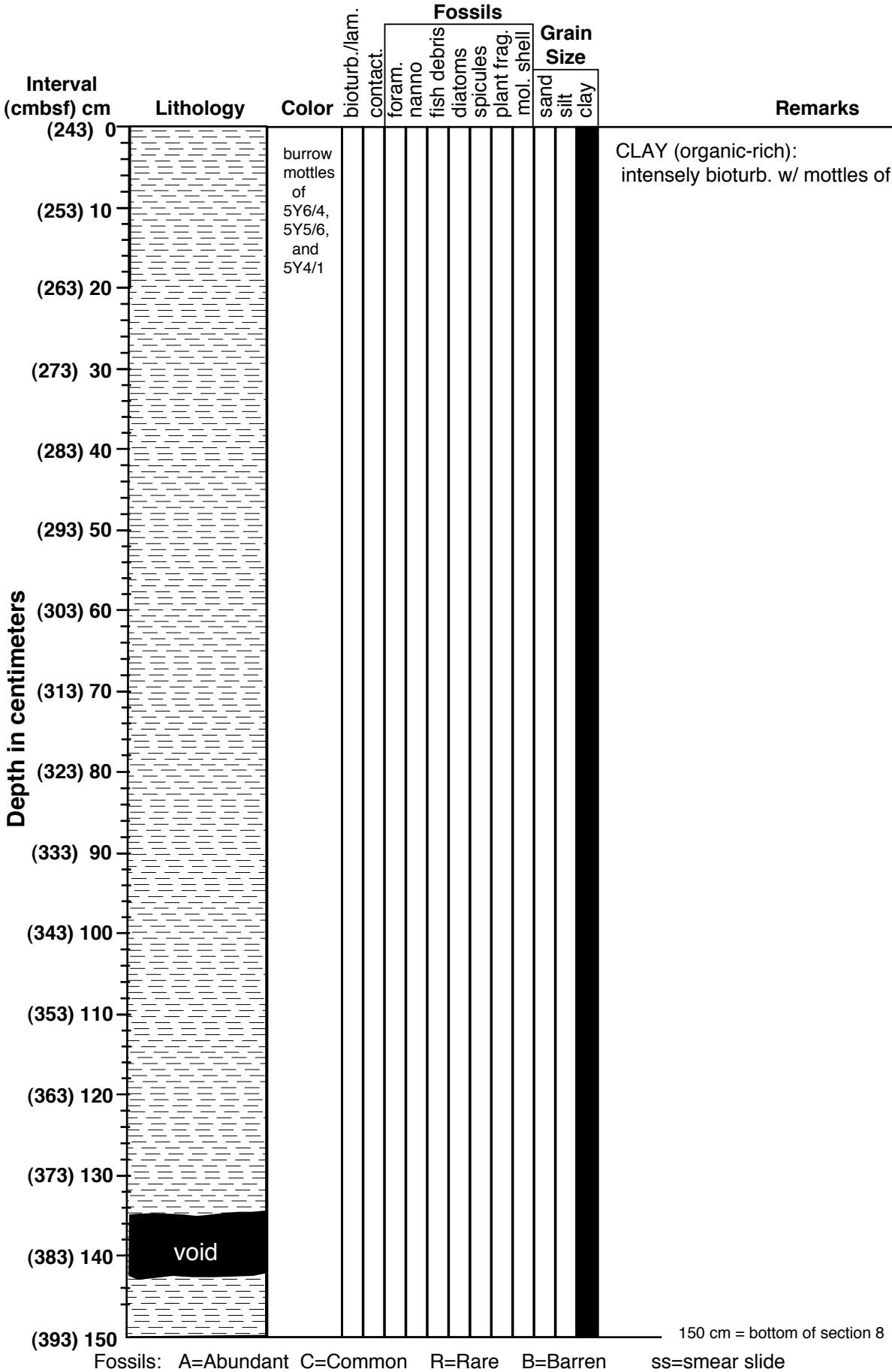
ss 20 cm (light burrow mottle)
A: clay; organic matter
C: fish debris; forams;nannos; pyrite; sponge spic.
R : rads
B: diatoms

ss 40 cm (dark matrix)
A: clay; organic matter
C: fish debris; forams;nannos; pyrite; sponge spic.
R : rads
B: diatoms

Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide
Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 Sect.: 8 (243-393 cmbsf) Lat.: 23 36.54 N Long.: 111 33.50 W

Water Depth: 433 m

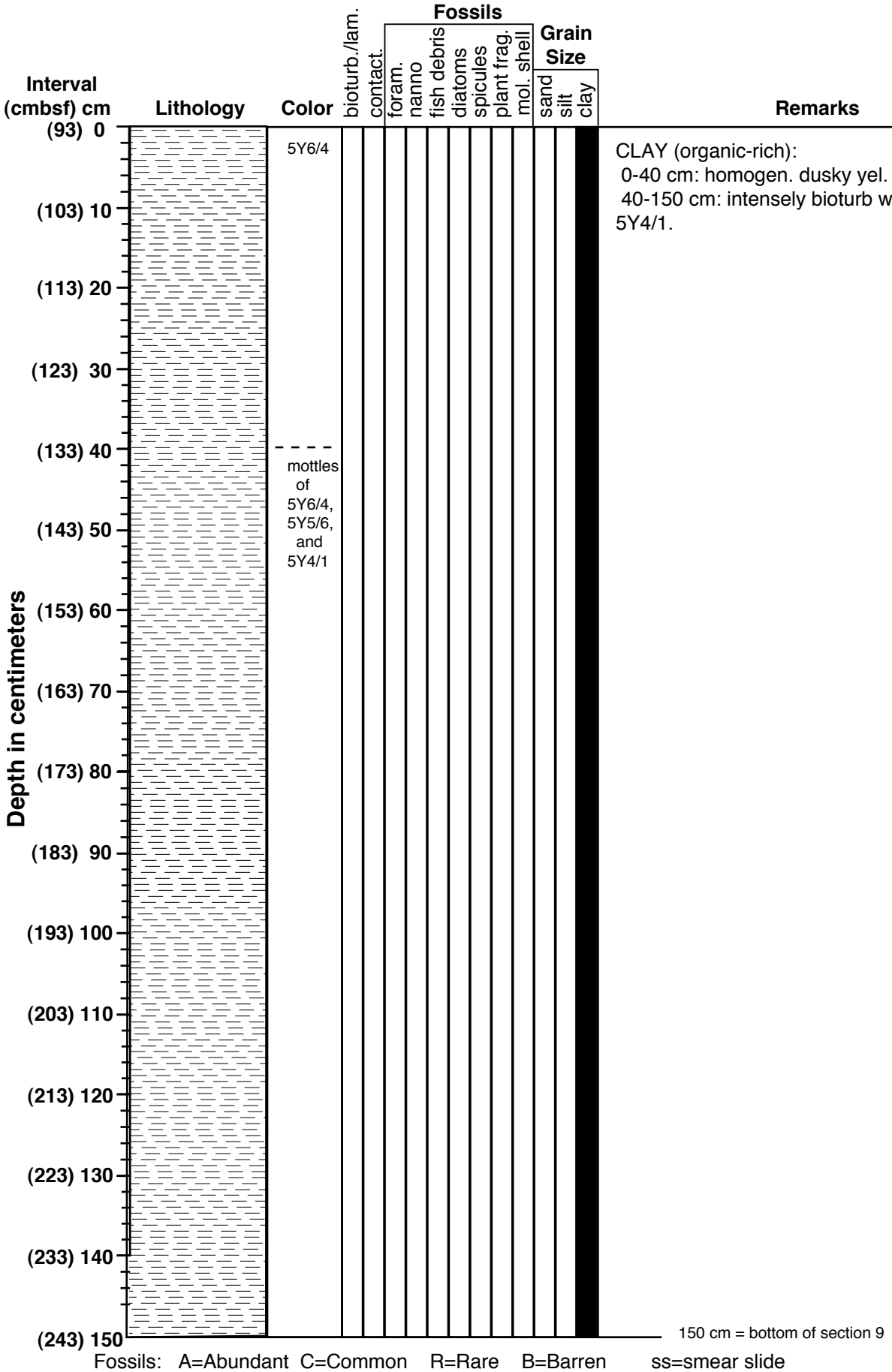


Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide

Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 Sect.: 9 (93-243 cmbsf) Lat.: 23 36.54 N Long.: 111 33.50 W

Water Depth: 433 m

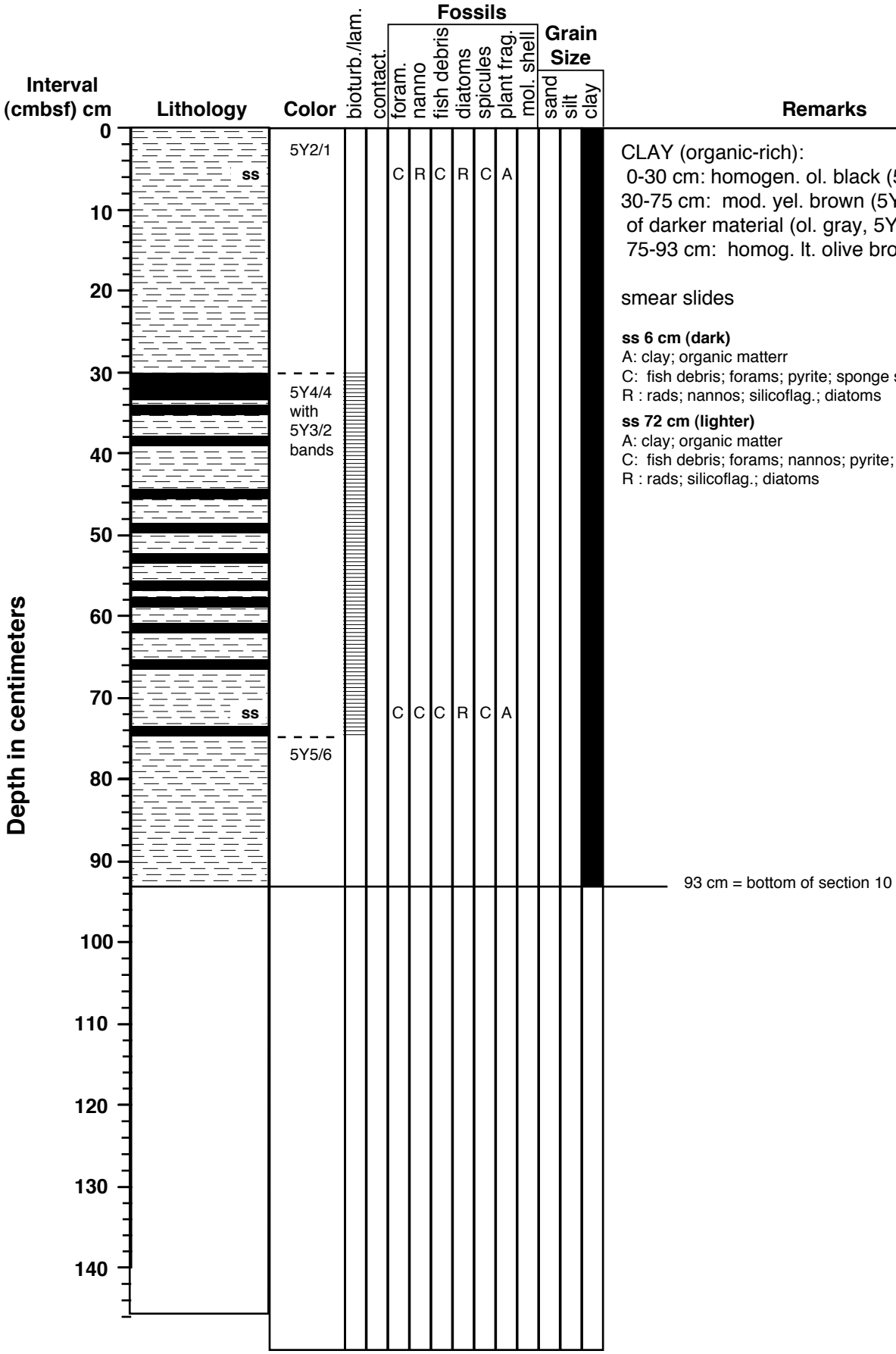


Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide

Contacts: S=Sharp G=gradational M=mottled

OXMZ01MV Core: PC10 Sect.: 10 (0-93 cmbsf) Lat.: 23 36.54 N Long.: 111 33.50 W

Water Depth: 433 m



CLAY (organic-rich):
0-30 cm: homogen. ol. black (5Y2/1)
30-75 cm: mod. yel. brown (5Y4/4) w/cm-scale indistict bands of darker material (ol. gray, 5Y3/2)
75-93 cm: homog. lt. olive brown (5Y5/6)

smear slides

ss 6 cm (dark)
A: clay; organic matterr
C: fish debris; forams; pyrite; sponge spic.
R : rads; nannos; silicoflag.; diatoms

ss 72 cm (lighter)
A: clay; organic matter
C: fish debris; forams; nannos; pyrite; sponge spic.
R : rads; silicoflag.; diatoms

Fossils: A=Abundant C=Common R=Rare B=Barren ss=smear slide
Contacts: S=Sharp G=gradational M=mottled