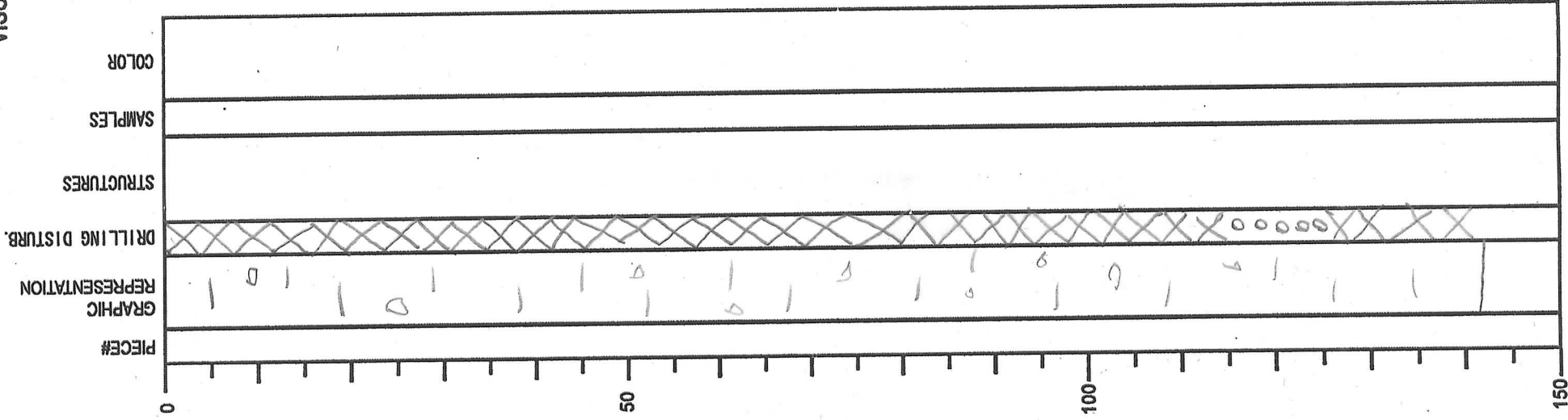


INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 12/23/2007
 EXP: 316
 SITE/HOLE: C0004-D
 CORE: 1R
 SECTION: 1
 OBSERVER: CLF



SECTION DESCRIPTION

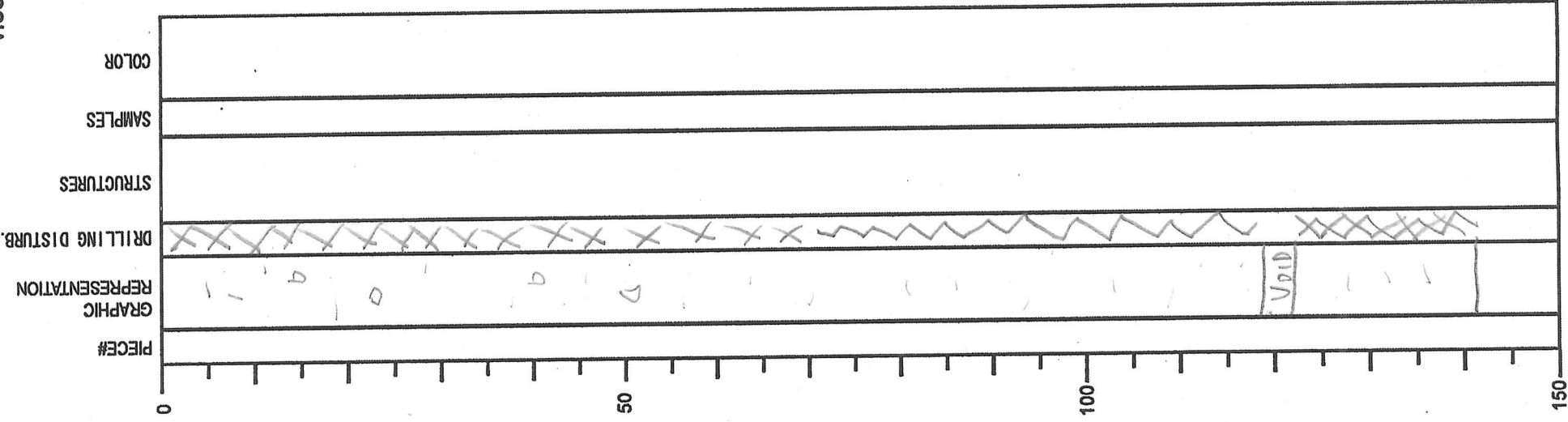
-clasts up to 9cm in upper part, well lithified,
 Greenish-gray silty claystone
 Drilling breccia, locally
 soupy.

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 12-12-2007
EXP: 316
SITE/HOLE: C0004-D
CORE: 1R
SECTION: 2
OBSERVER: CLF

SECTION DESCRIPTION

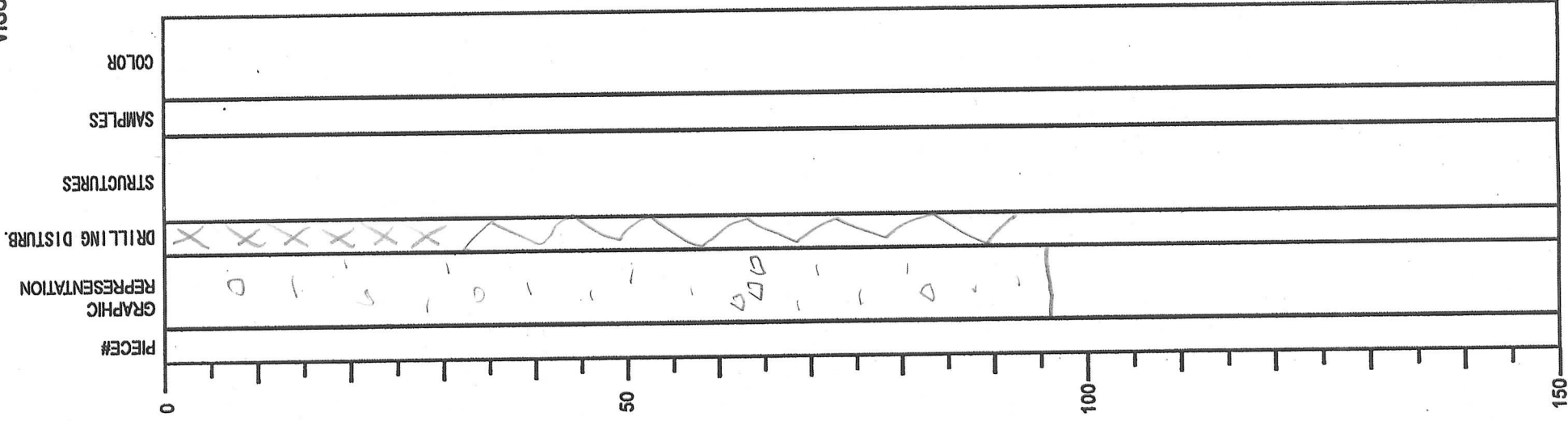
as previous



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 23/11/20 07
EXP: 316
SITE/HOLE: C0004D
CORE: 1R
SECTION: 3
OBSERVER: vj

SECTION DESCRIPTION

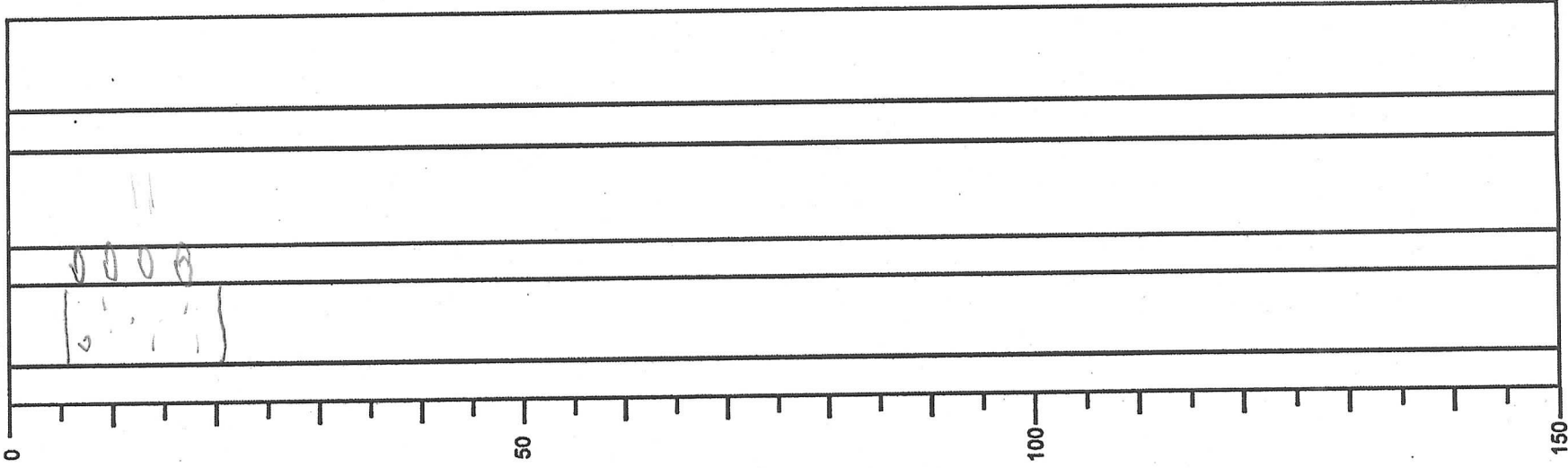


≡≡≡ some subtle colour banding
brown-grey to green-grey colour.

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 1 / 20
 EXP: 316
 SITE/HOLE: C 004-D
 CORE: 1A
 SECTION: EC
 OBSERVER: VN

SECTION DESCRIPTION



thin pale gray lamellations, may be small amount of ash?

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

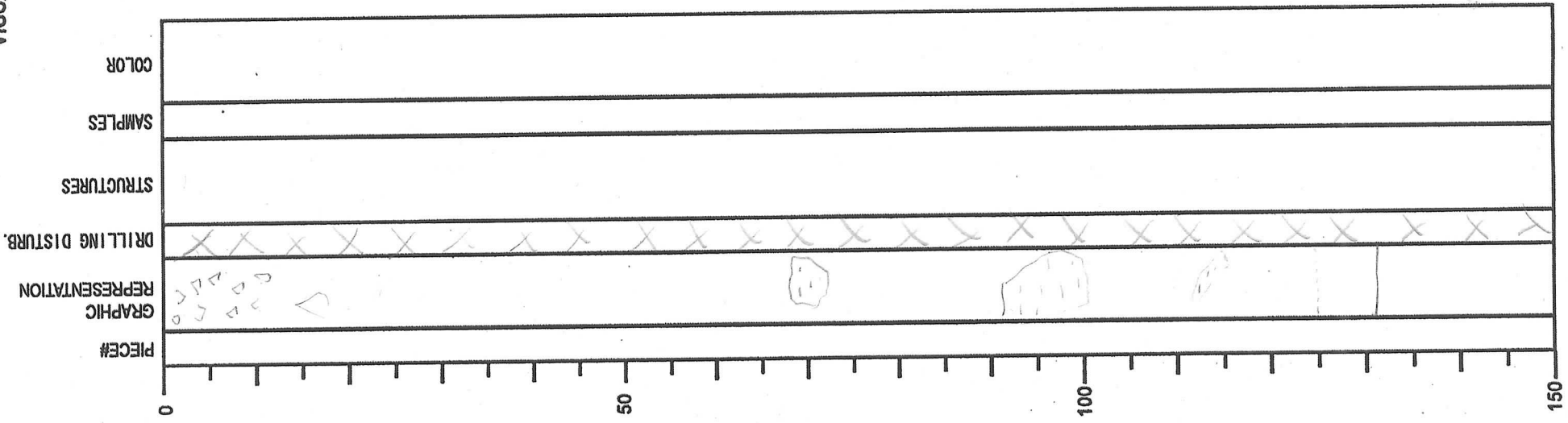
NO. _____
 DATE: 1 / 20
 EXP: _____
 SITE/HOLE: C00040
 CORE: 2R
 SECTION: 1
 OBSERVER: _____

SECTION DESCRIPTION

heavily drilling induced breccia
~~with~~ in CI seam clear evidence
 for PCB coating of cherts
~~the~~ primary lithology
 dark greenish gray mudstone
 initial texture can not be
 identified due to drilling disturbance

big chert show fabrications? (check with structural geology)
 and striation

slight color change to somewhat lighter dark greenish gray
 Sharp contact
 bedding?

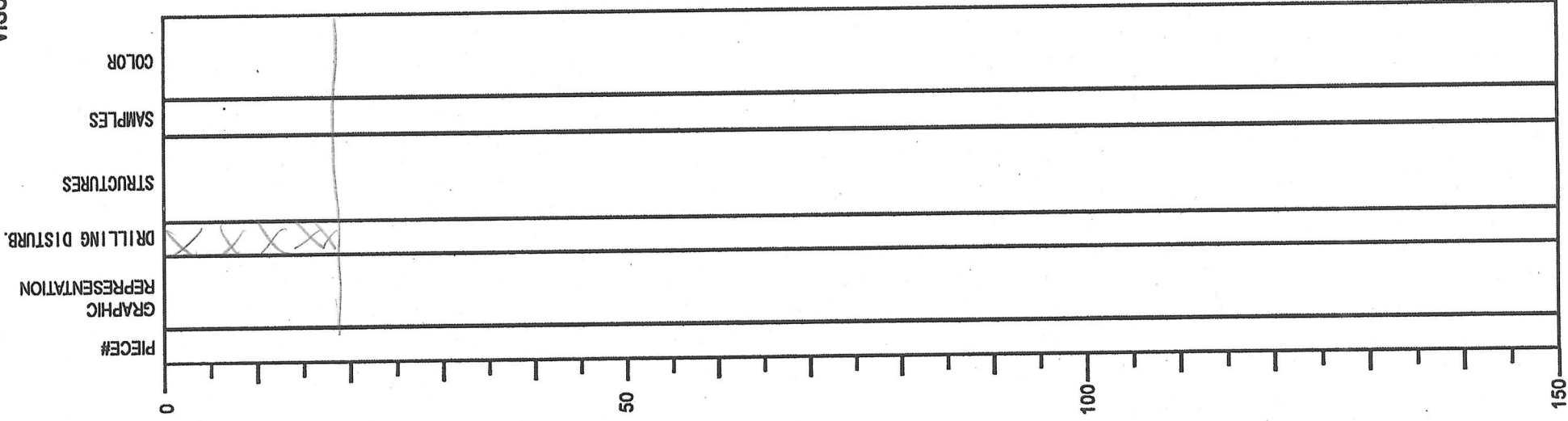


INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004D
CORE: 2R
SECTION: CC
OBSERVER: _____

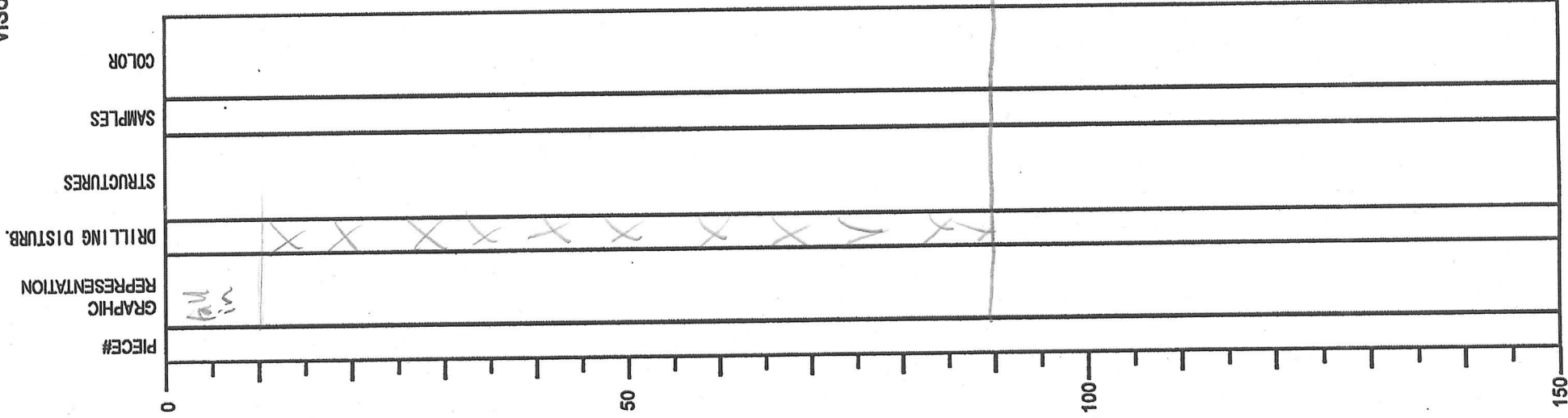
SECTION DESCRIPTION

dark greenish gray mudstone



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C00040
CORE: SR
SECTION: 1
OBSERVER: _____

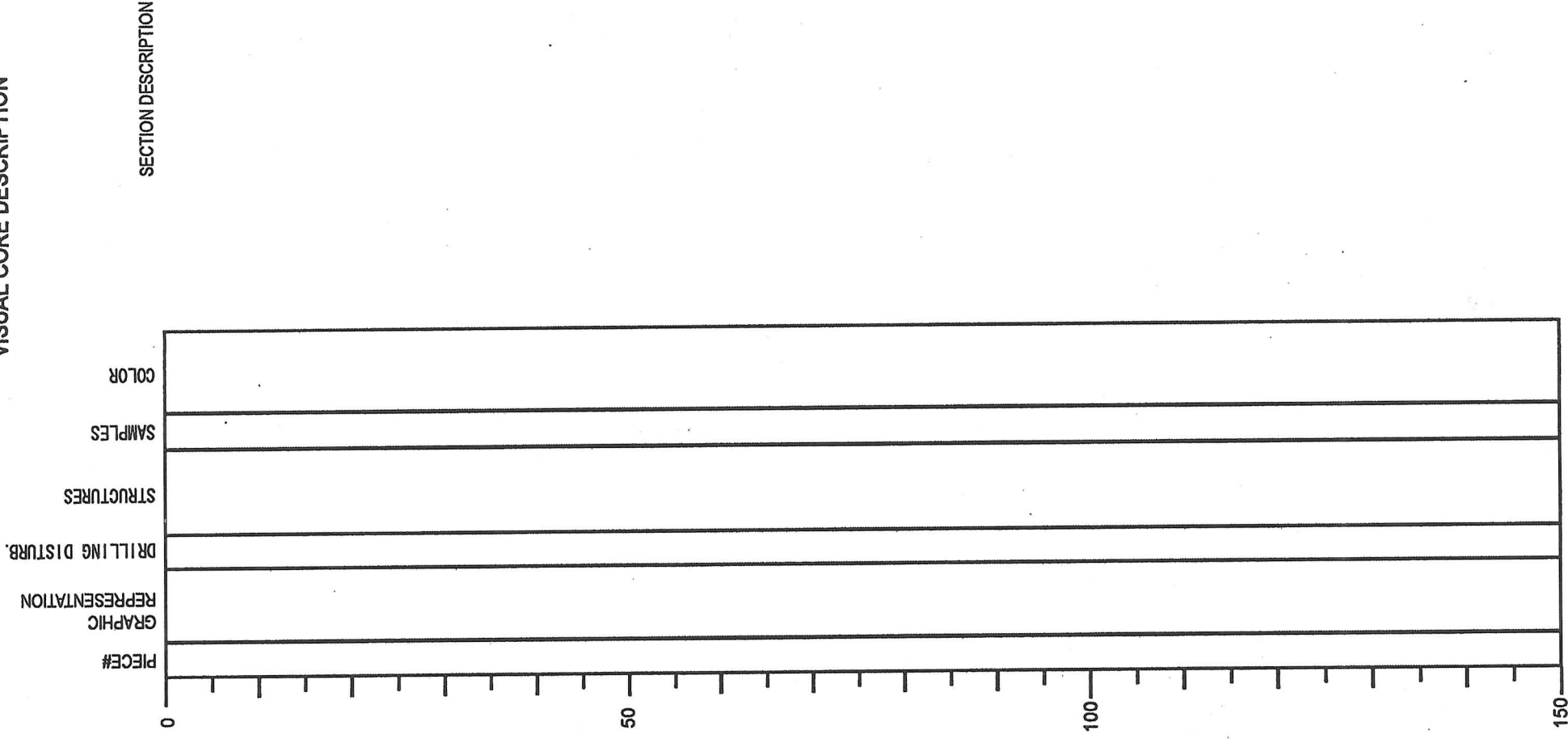


SECTION DESCRIPTION

dark greenish gray mudstone
brecciated due to drilling
initial texture can not be
recognized
some minor patches (few mm) of slight
color variations

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004D
CORE: 3R
SECTION: 2
OBSERVER: _____

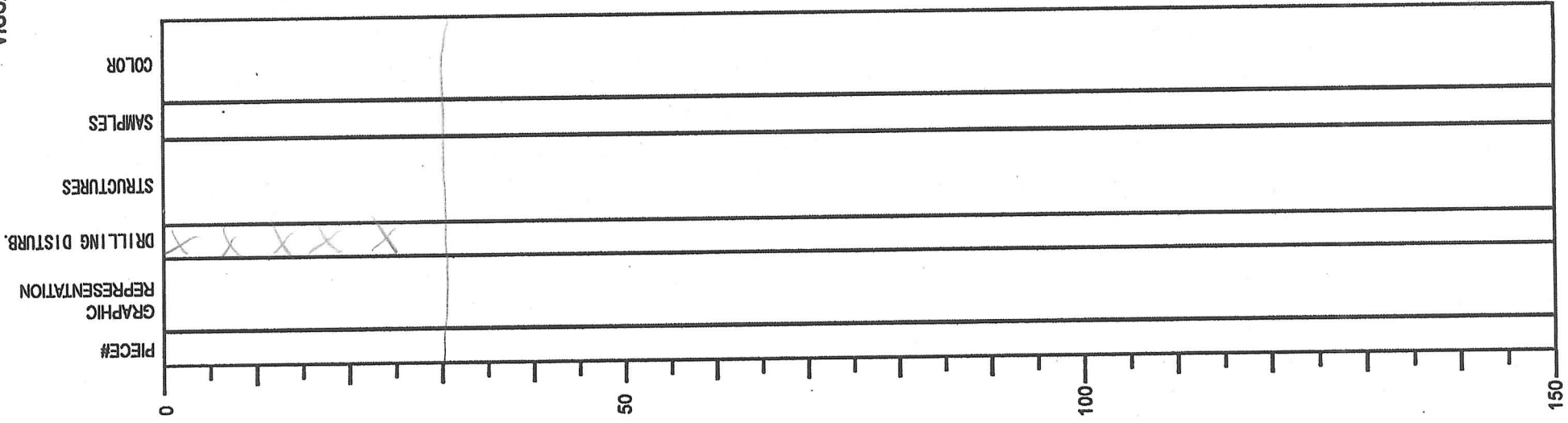


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C00040
CORE: 3R
SECTION: 3
OBSERVER: _____

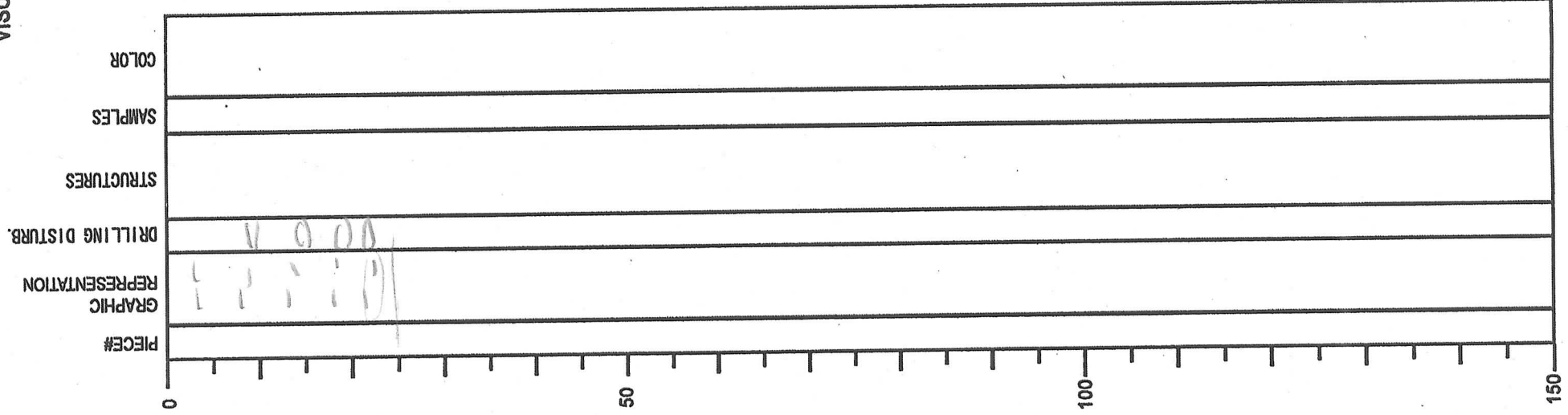
SECTION DESCRIPTION

*dark greenish gray mud
drilling disturbed*



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0001A
CORE: BR
SECTION: CC
OBSERVER: _____



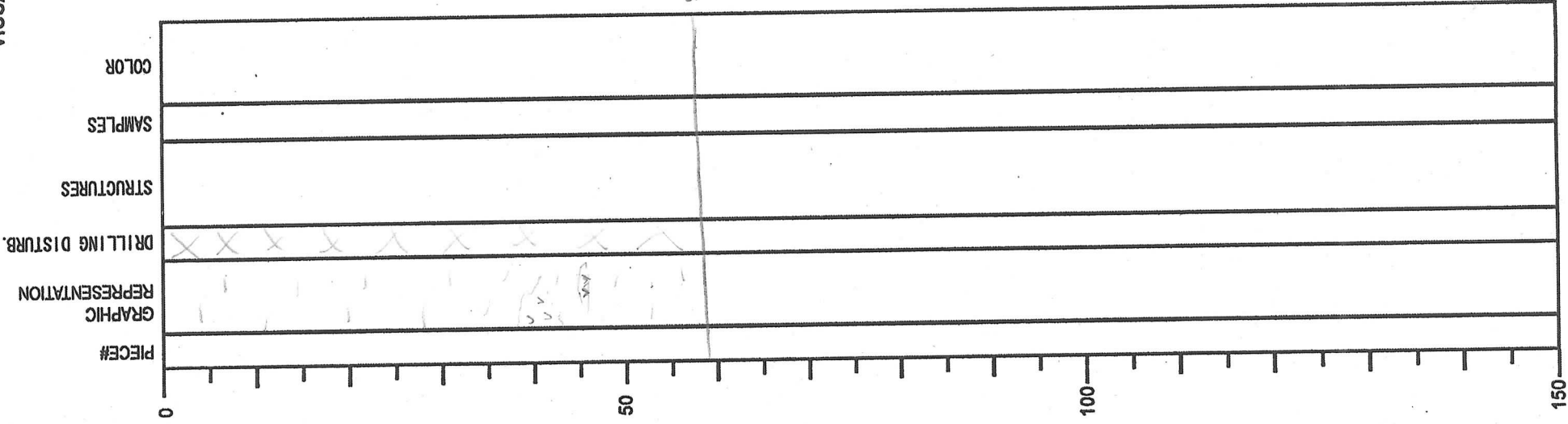
SECTION DESCRIPTION
3 parts of dark greenish gray
mudstone

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 23 / 12 / 2007
EXP: 316
SITE/HOLE: C0004D
CORE: 4R
SECTION: 1
OBSERVER: M.S./KLM

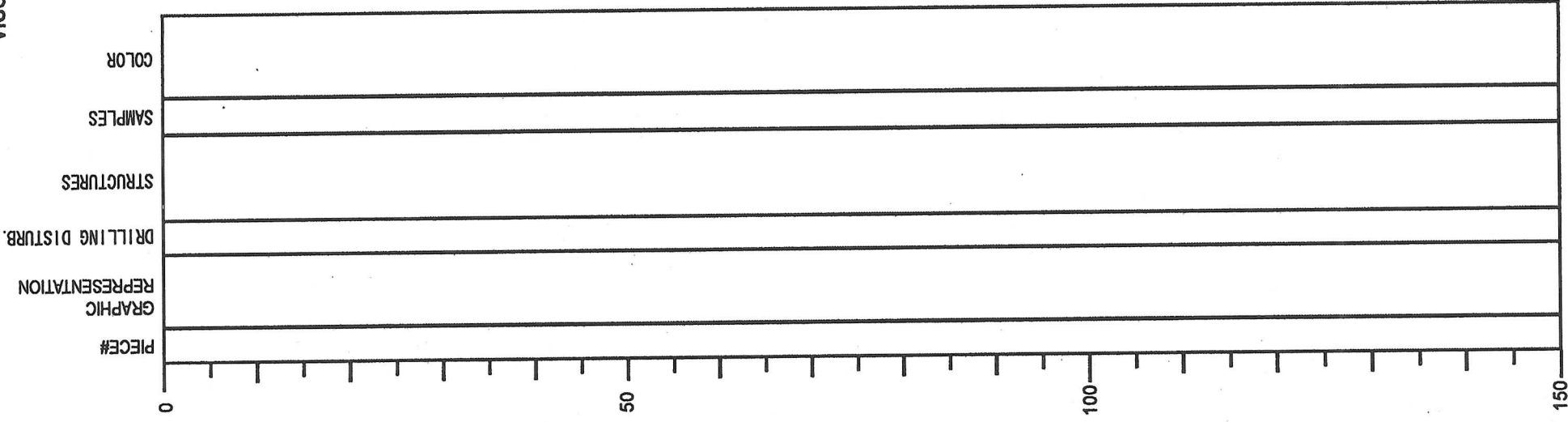
SECTION DESCRIPTION

dark greenish gray silty claystone
with patches of light gray
Ash at 30-4 and 95cm



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: _____
CORE: 4R
SECTION: 4R 2
OBSERVER: _____



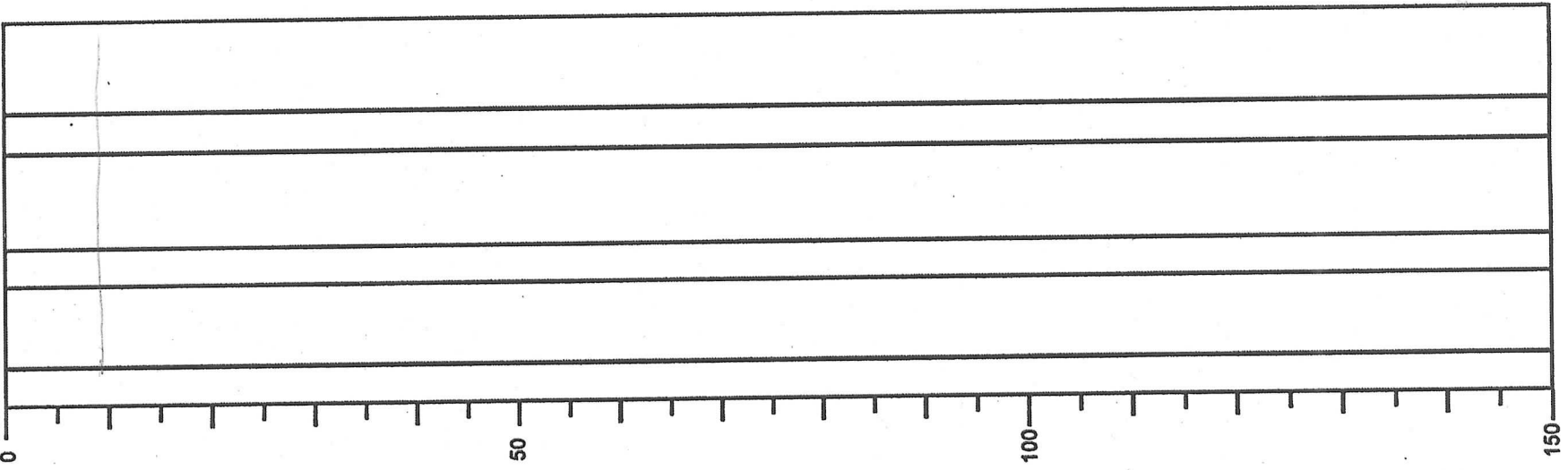
SECTION DESCRIPTION

IW

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. /
DATE: / / 20
EXP:
SITE/HOLE:
CORE: 4R
SECTION: 3
OBSERVER:

PIECE#
GRAPHIC REPRESENTATION
DRILLING DISTURB.
STRUCTURES
SAMPLES
COLOR
SECTION DESCRIPTION

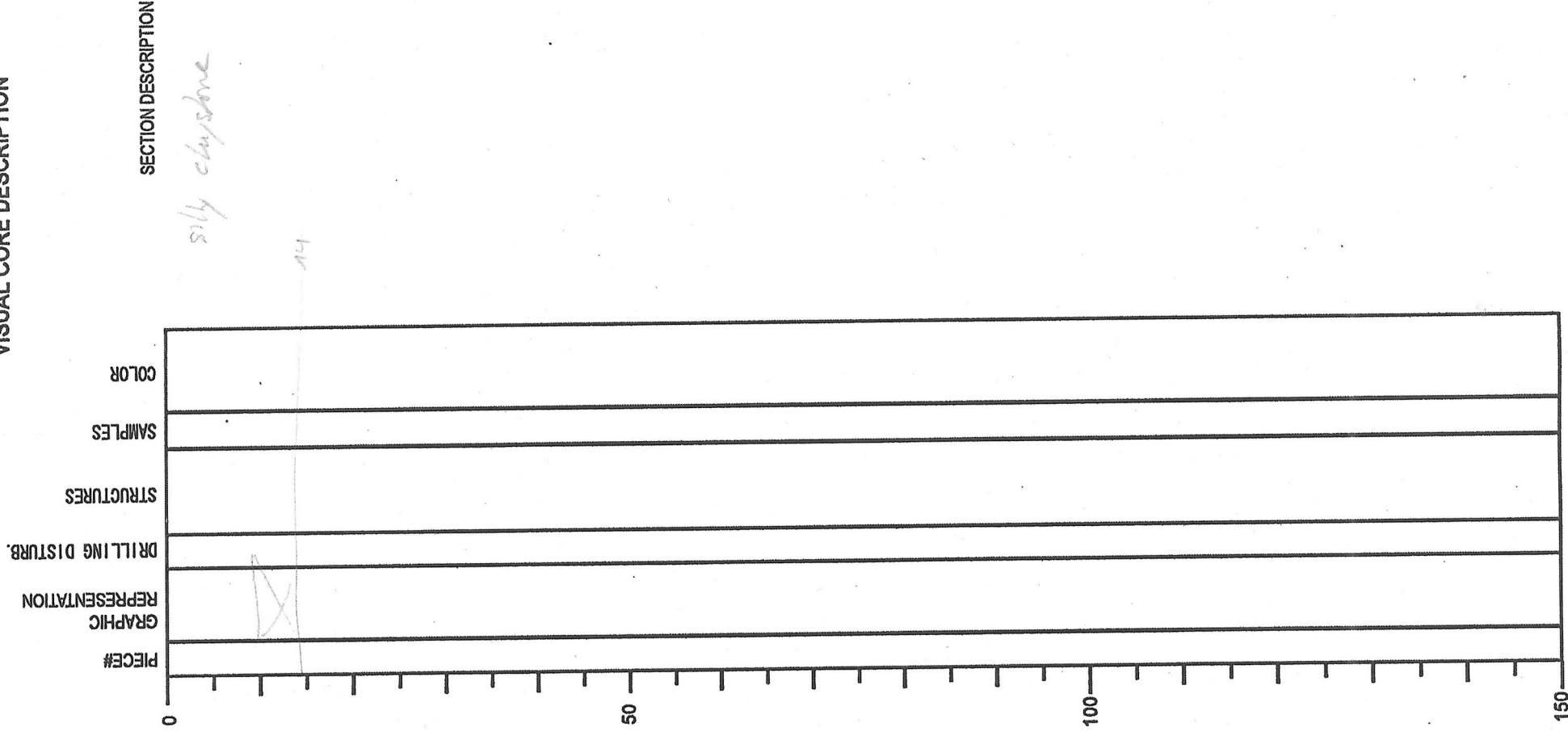


silty claystone

8cm

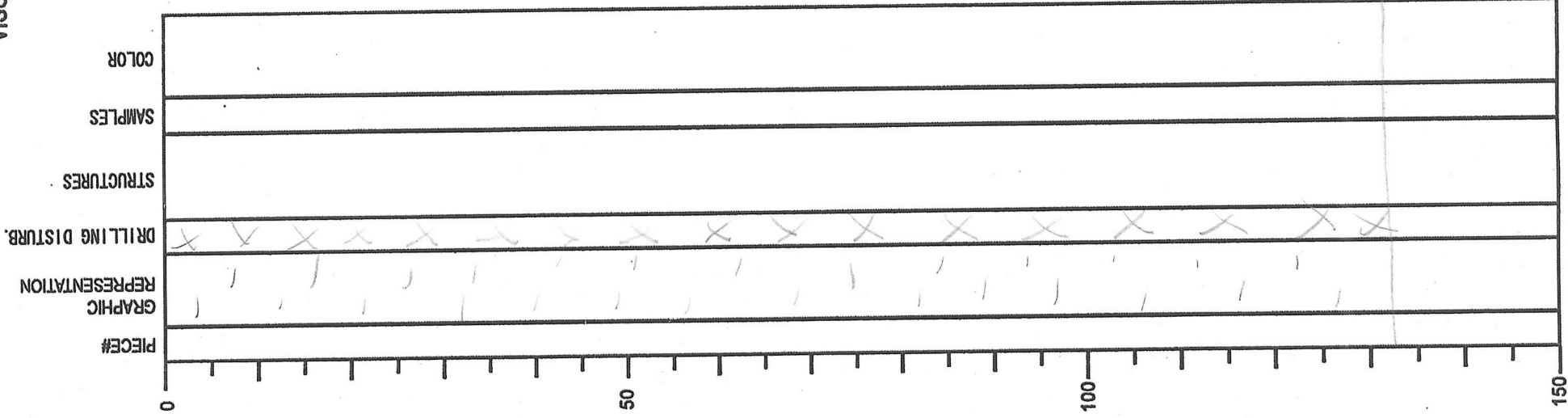
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: 44
CORE: 4R
SECTION: CC
OBSERVER: _____



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 23 / 12 / 2007
EXP: 316
SITE/HOLE: C00040
CORE: SR
SECTION: 1
OBSERVER: N.S. / CLK



SECTION DESCRIPTION

greenish gray silty claystone
heavily disturbed and brecciated
due to coring

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

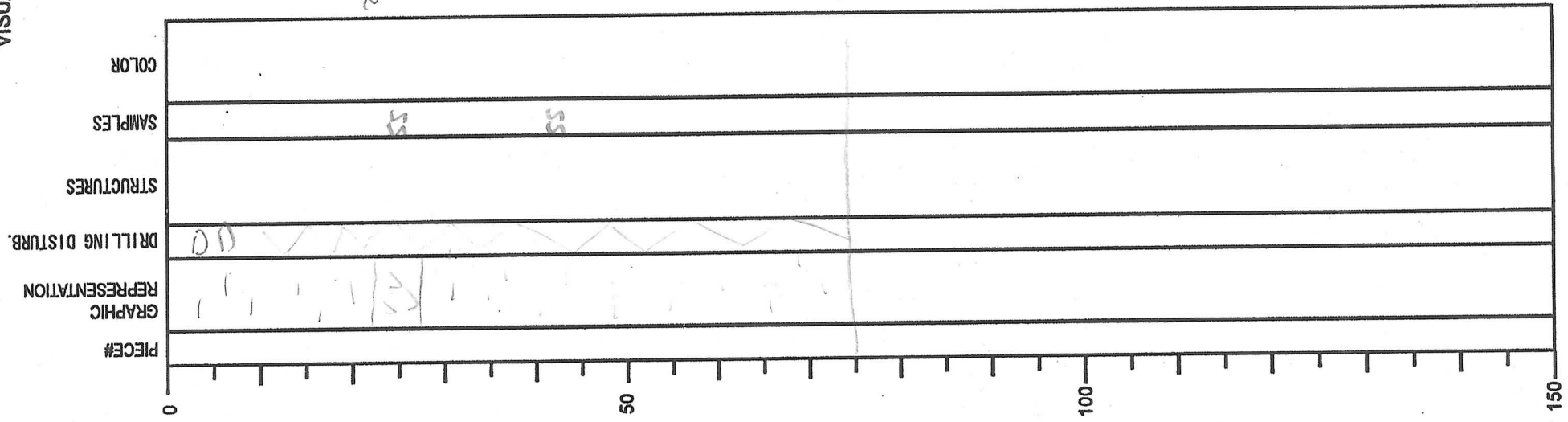
NO. _____
 DATE: 1 / 20
 EXP: _____
 SITE/HOLE:
 CORE: 5R
 SECTION: 2
 OBSERVER: TJS / KLM

SECTION DESCRIPTION

dark greenish gray silty clay
 heavily drilling disturbed with breccias
 (as observed in CT scan) but also smaller intervals
 which are more coherent

22-26 Ash Layer: succession of two layers
 an upper slightly coarse sandy grayish
 layer and a lower greenish gray layer

silty color variation from dark greenish
 gray to greenish gray down section



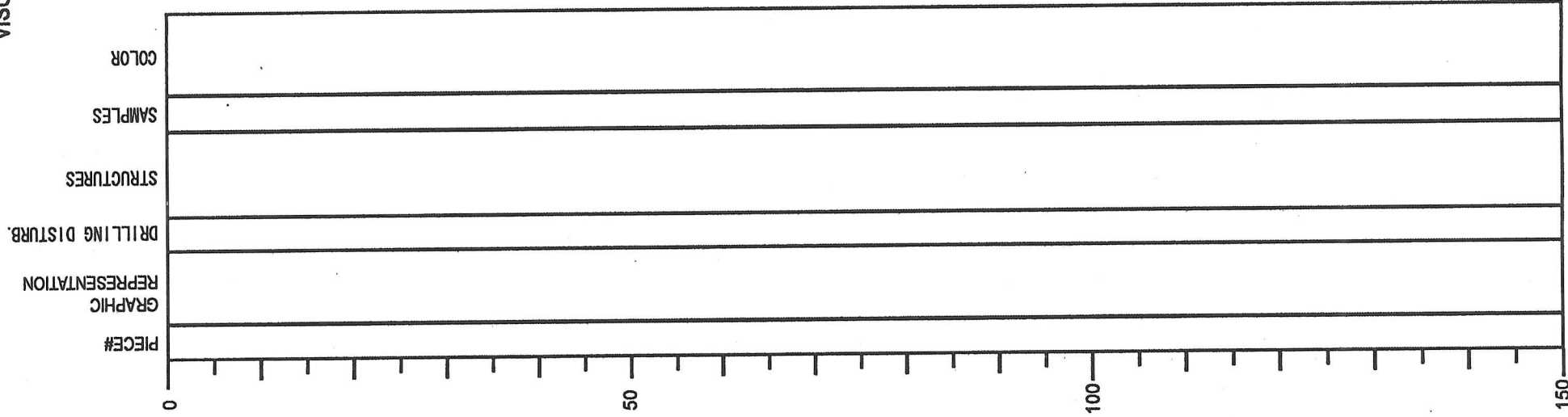
25

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: _____
CORE: SR
SECTION: 3
OBSERVER: _____

SECTION DESCRIPTION

IW

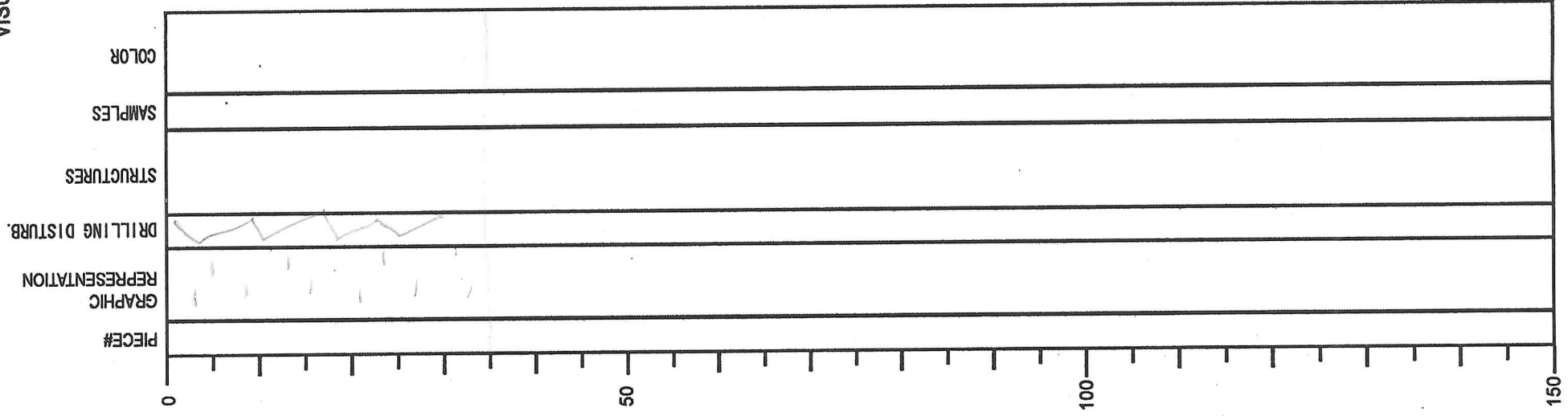


INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: / / 20
EXP: _____
SITE/HOLE: _____
CORE: *SR4*
SECTION: _____
OBSERVER: _____

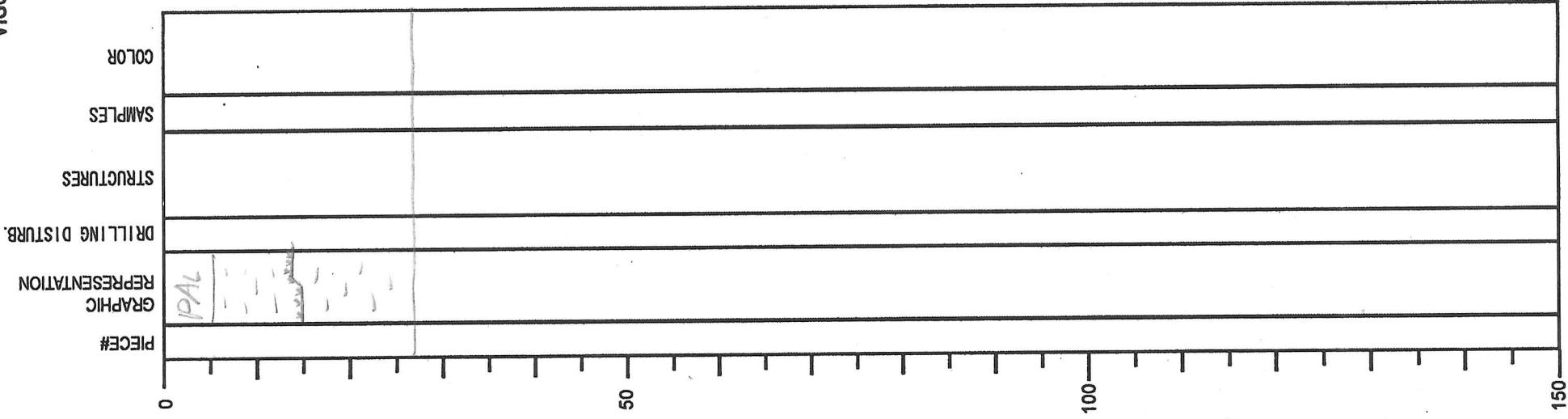
SECTION DESCRIPTION

~~770~~ *greenish gray silty clay*
coarsely subrounded



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 1 / 20
 EXP: _____
 SITE/HOLE: _____
 CORE: SR
 SECTION: CC
 OBSERVER: _____



SECTION DESCRIPTION

greenish gray silty clay

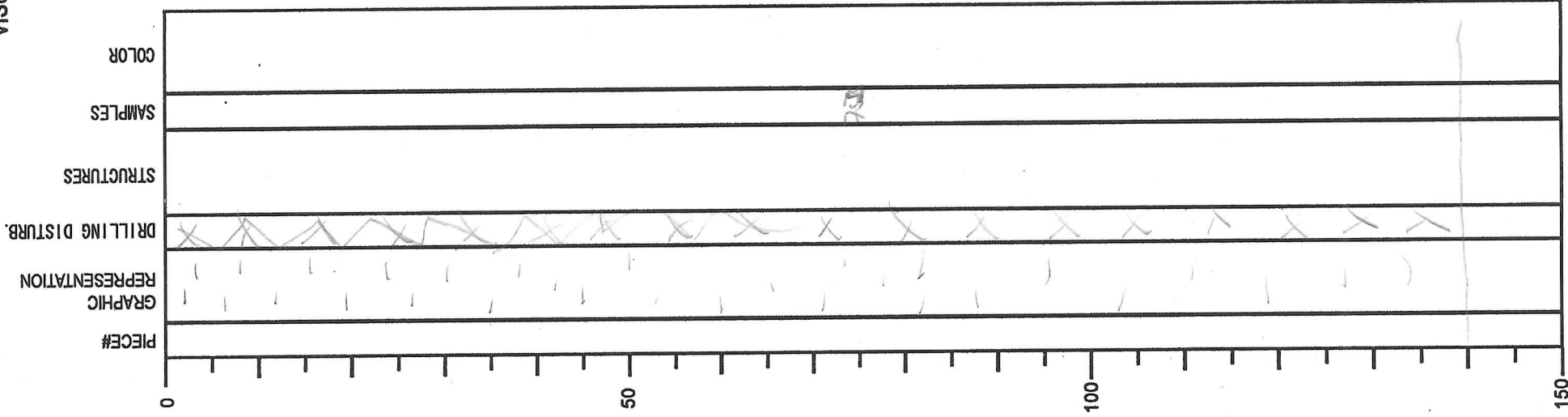
*very fine sub layer 3mm with some
 mottling above
 very sharp contact and offset to lower
 dark greenish gray finer dark greenish gray*

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: C0040
CORE: 7R
SECTION: 1
OBSERVER: M.S / KIM

SECTION DESCRIPTION

dark greenish gray silty clay stone
heavily drilling disturbed
below 65cm pieces up to 5cm sizes
of intact silty claystone preserved



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C000410
CORE: 7R
SECTION: 2
OBSERVER: _____

SECTION DESCRIPTION

IW

PIECE#	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0					
50					
100					
150					

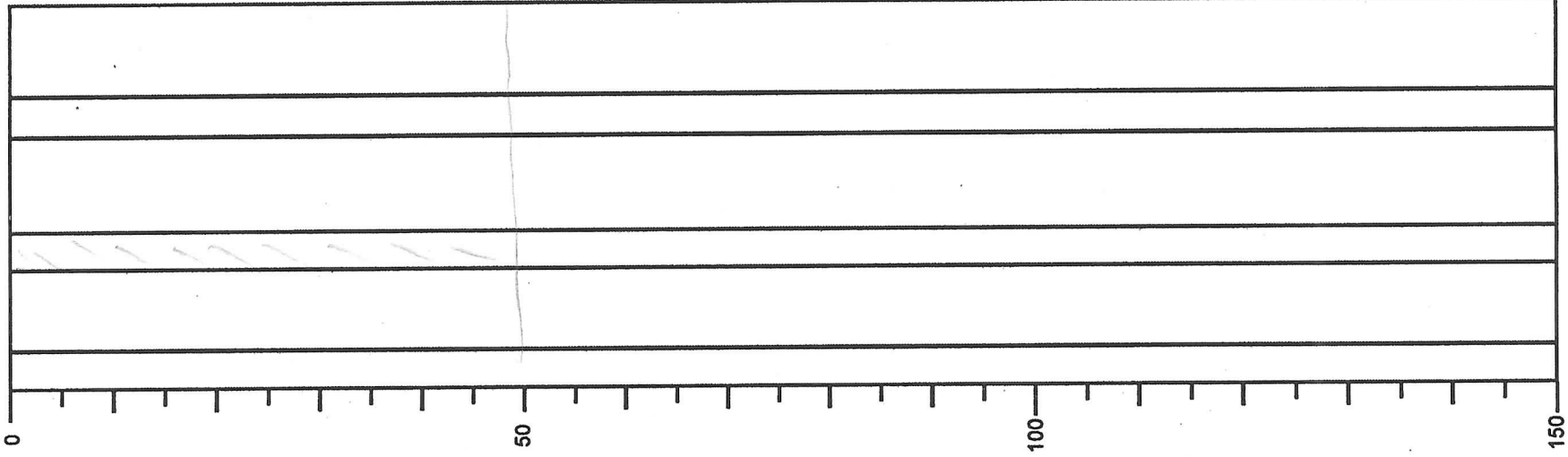
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: 00040
CORE: 7R
SECTION: 3
OBSERVER: P.S. KLM

PIECE# _____
GRAPHIC REPRESENTATION _____
DRILLING DISTURB. _____
STRUCTURES _____
SAMPLES _____
COLOR _____

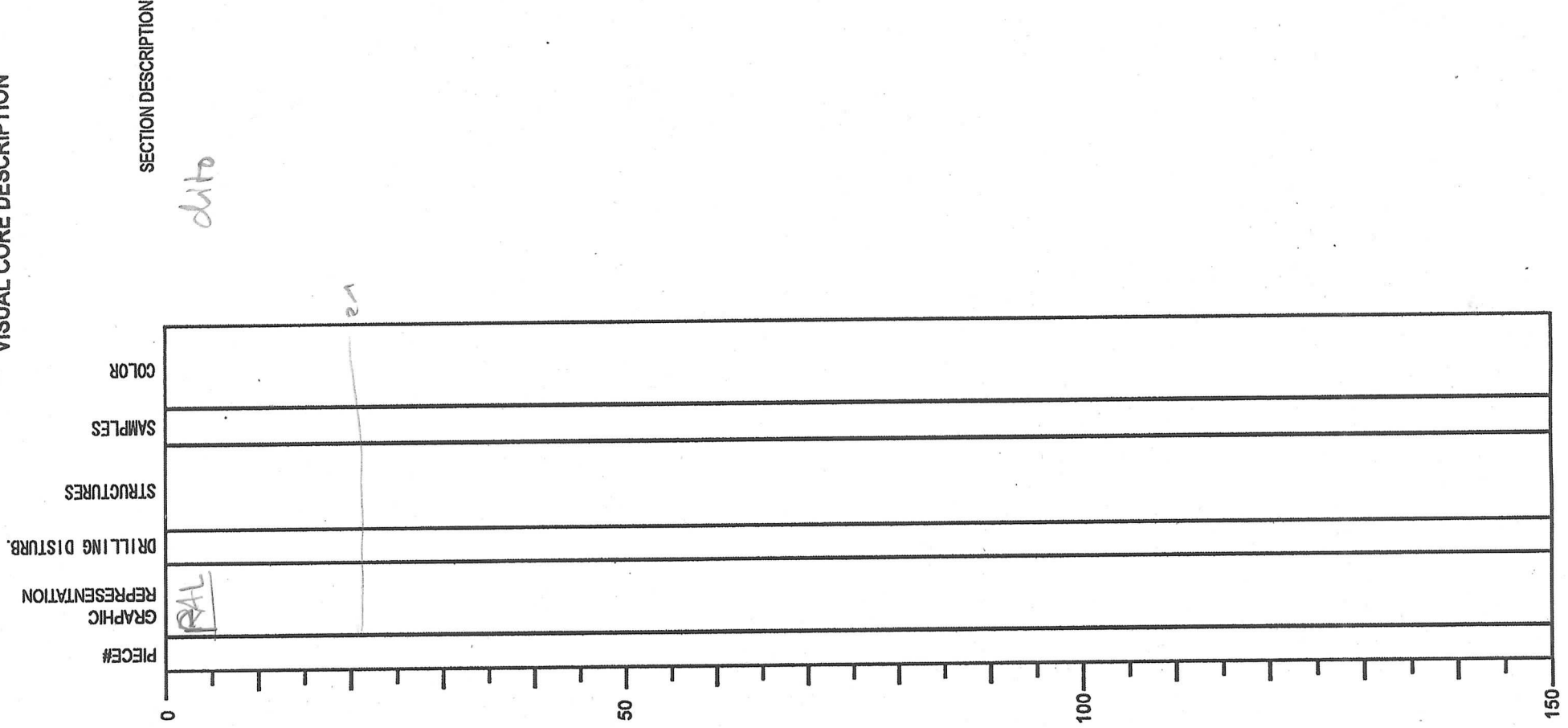
SECTION DESCRIPTION

fractured and scattered (drilling)
silty claystone



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: 00004D
CORE: ~~TR~~ 7R
SECTION: CC
OBSERVER: M.S. / K.L.M

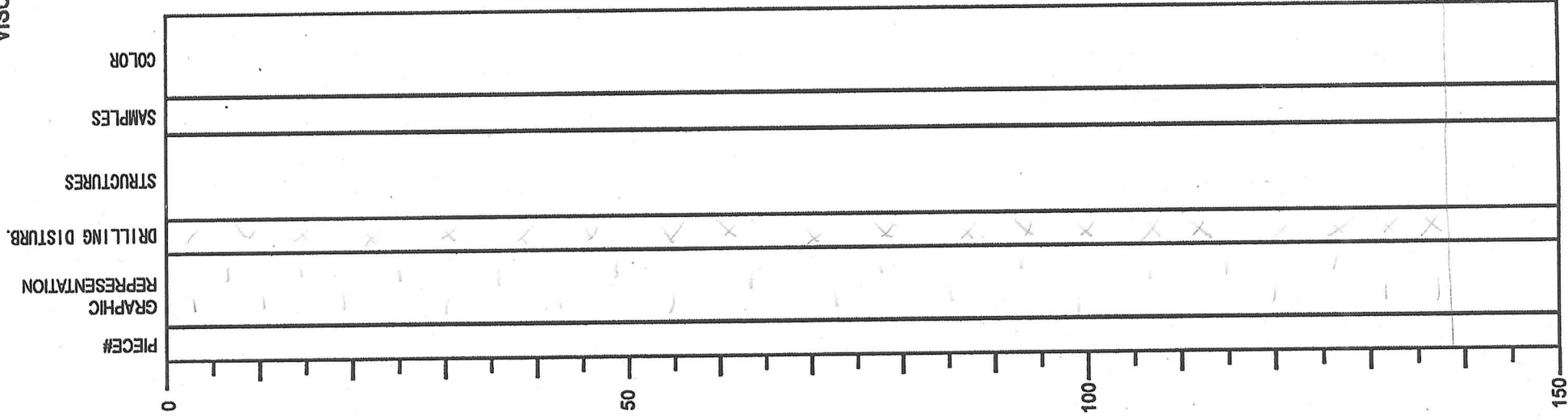


INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 23 / 12 / 2007
EXP: 216
SITE/HOLE: C00040
CORE: 8R
SECTION: 1
OBSERVER: MS / KLM

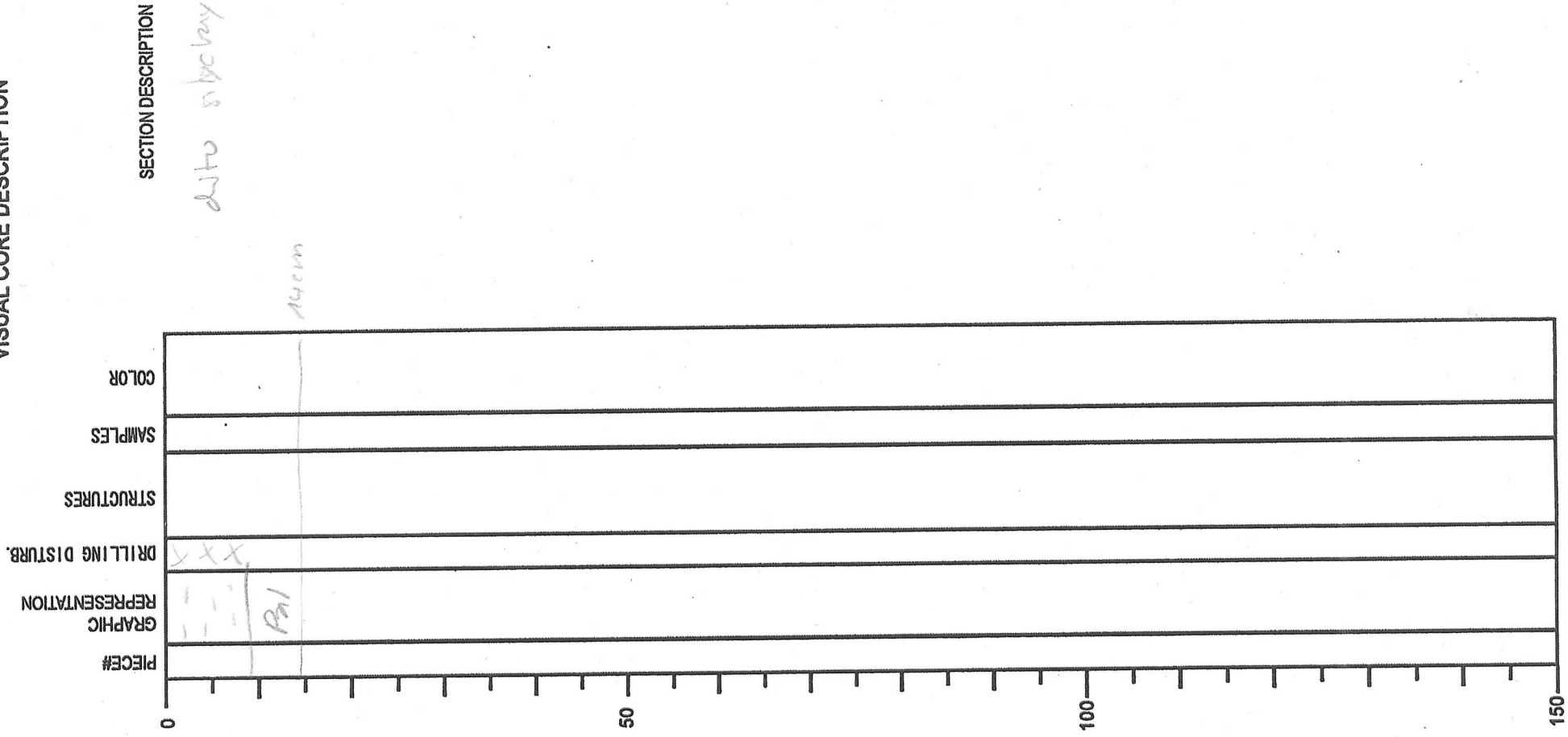
SECTION DESCRIPTION

dark greenish gray silty claystone
brecciated due to drilling
intact pieces of homogeneous claystone
up to 7cm (eg. 25-50cm)



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: / / 20
EXP: _____
SITE/HOLE: _____
CORE: 8R
SECTION: CC
OBSERVER: PLS / KLN

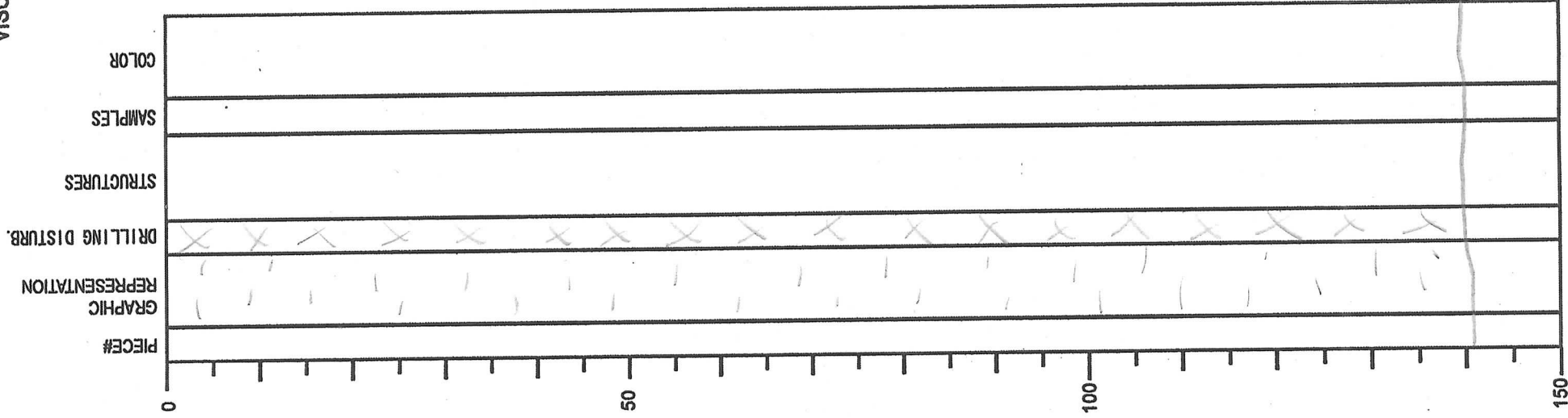


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: C00040
CORE: QR
SECTION: 1
OBSERVER: MS / KUM

SECTION DESCRIPTION

greenish gray silty clay
heavily sandy disturbed



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: / / 20____
EXP: _____
SITE/HOLE: _____
CORE: SR
SECTION: 2
OBSERVER: M. KLF

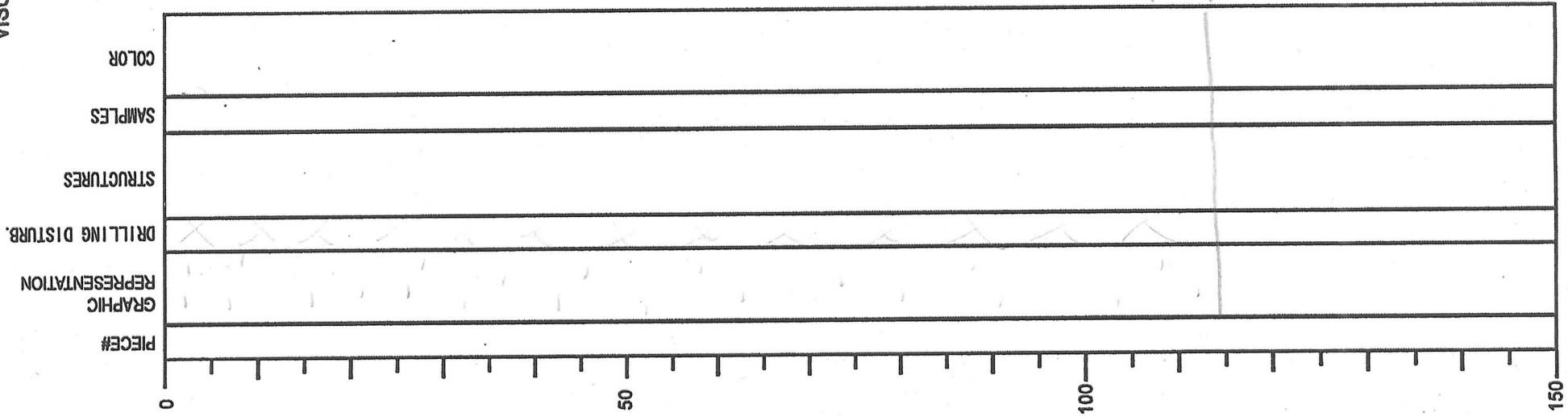
SECTION DESCRIPTION

dark greenish gray silty claystone
heavily coning disturbed → breccia
and Giscuits

in some intact pieces borrows can be
identified ~~borrows filling of~~ with
also the mudstone appears to be fractured

small white spots turn out to be
borrow fills with concentrated sponges
e.g. SS at 65cm

slightly brighter color here below 10cm



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

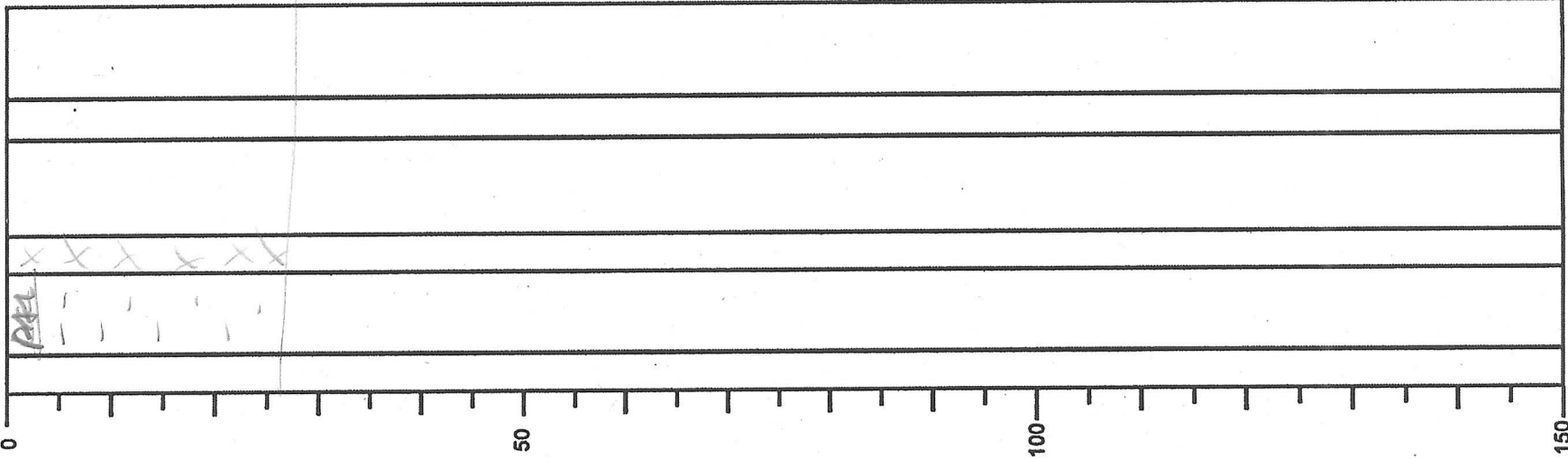
NO. _____
DATE: / / 20____
EXP: _____
SITE/HOLE: _____
CORE: *GR*
SECTION: *CC*
OBSERVER: _____

PIECE# _____
GRAPHIC REPRESENTATION _____
DRILLING DISTURB. _____
STRUCTURES _____
SAMPLES _____
COLOR _____

SECTION DESCRIPTION

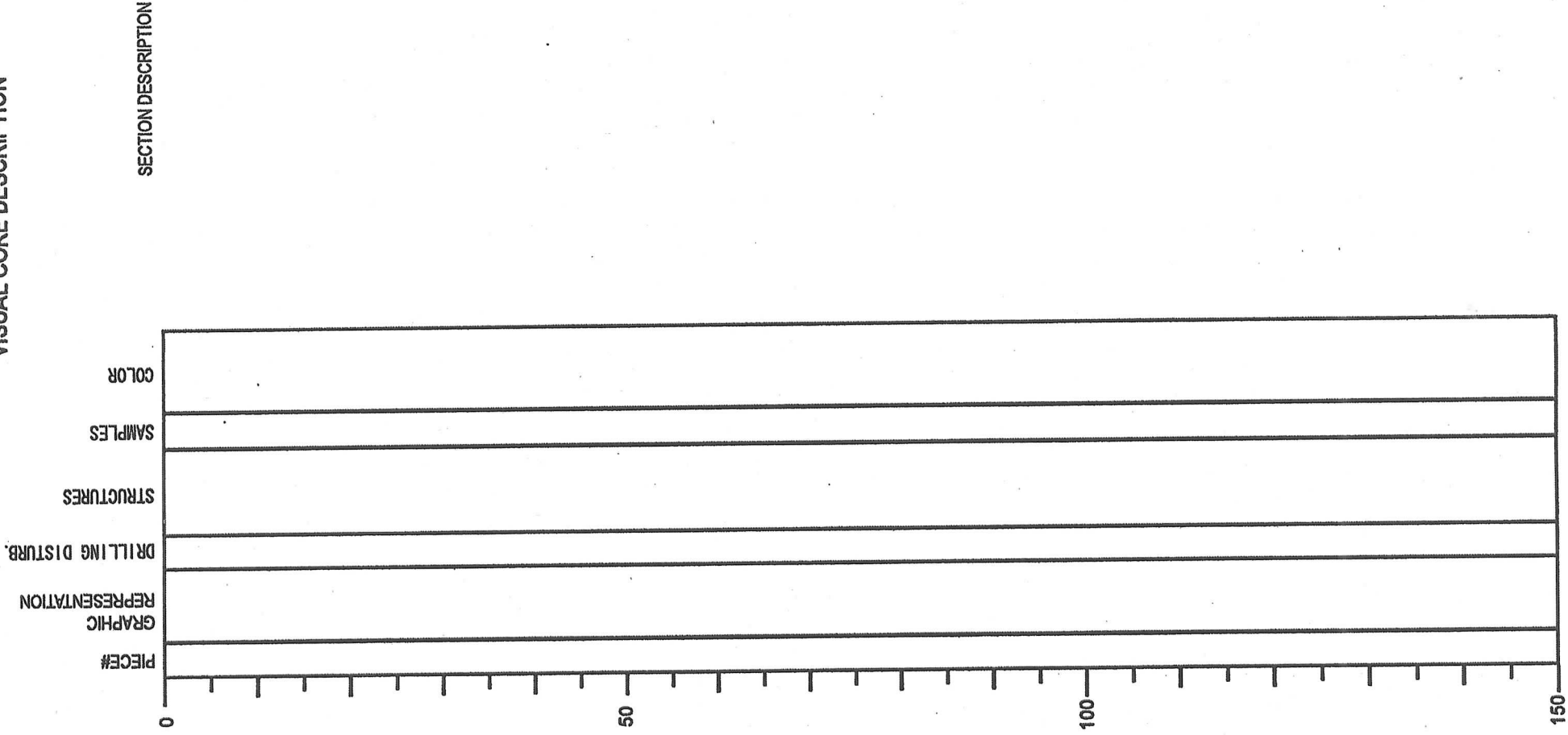
~~GR~~ silty claystone
some spots filled in with white
material → sponge spicules? or ash?

26 cm



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004-D
CORE: 10R
SECTION: CC
OBSERVER: _____



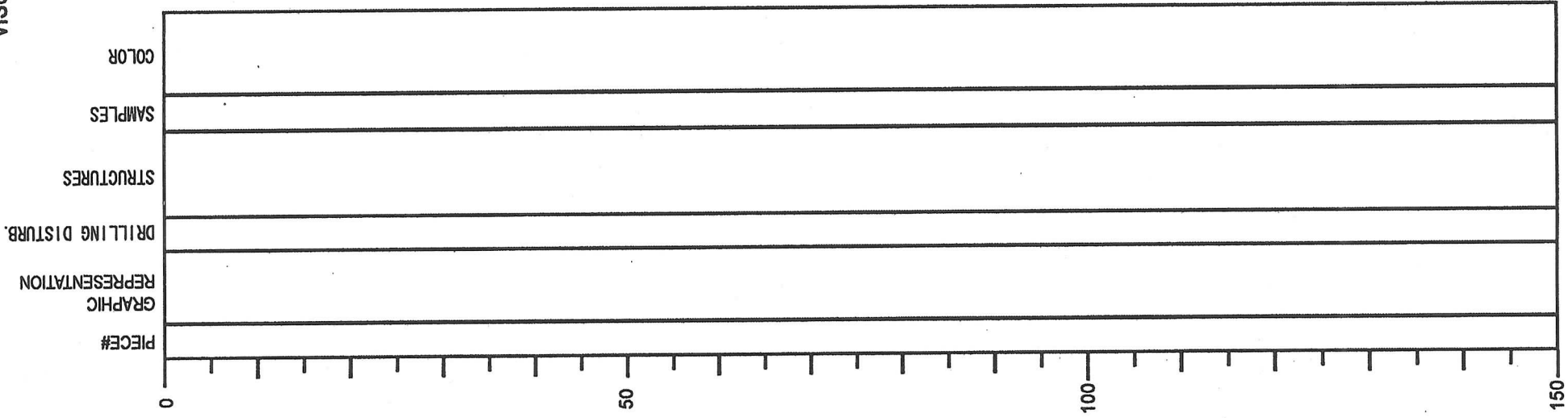
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 23 / 12 / 2007
EXP: 346
SITE/HOLE: C00040
CORE: MR
SECTION: 1
OBSERVER: N.S.

SECTION DESCRIPTION

all the same dullgreenish gray
silty claystone heavily coring
disturbed throughout

→ see J-Cores



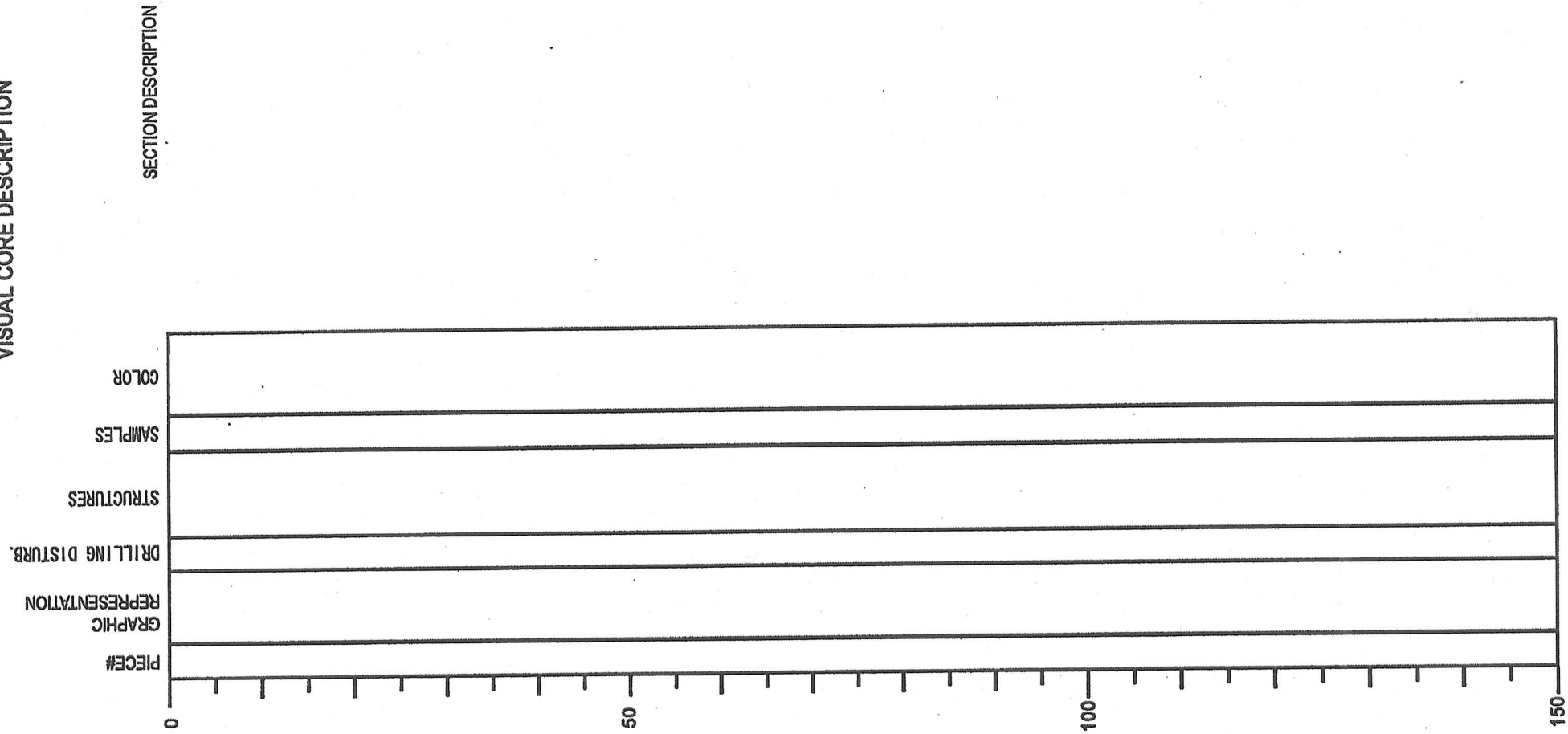
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004D
CORE: 11R
SECTION: 2
OBSERVER: _____

SECTION DESCRIPTION	PIECE#
COLOR	
SAMPLES	
STRUCTURES	
DRILLING DISTURB.	
GRAPHIC REPRESENTATION	

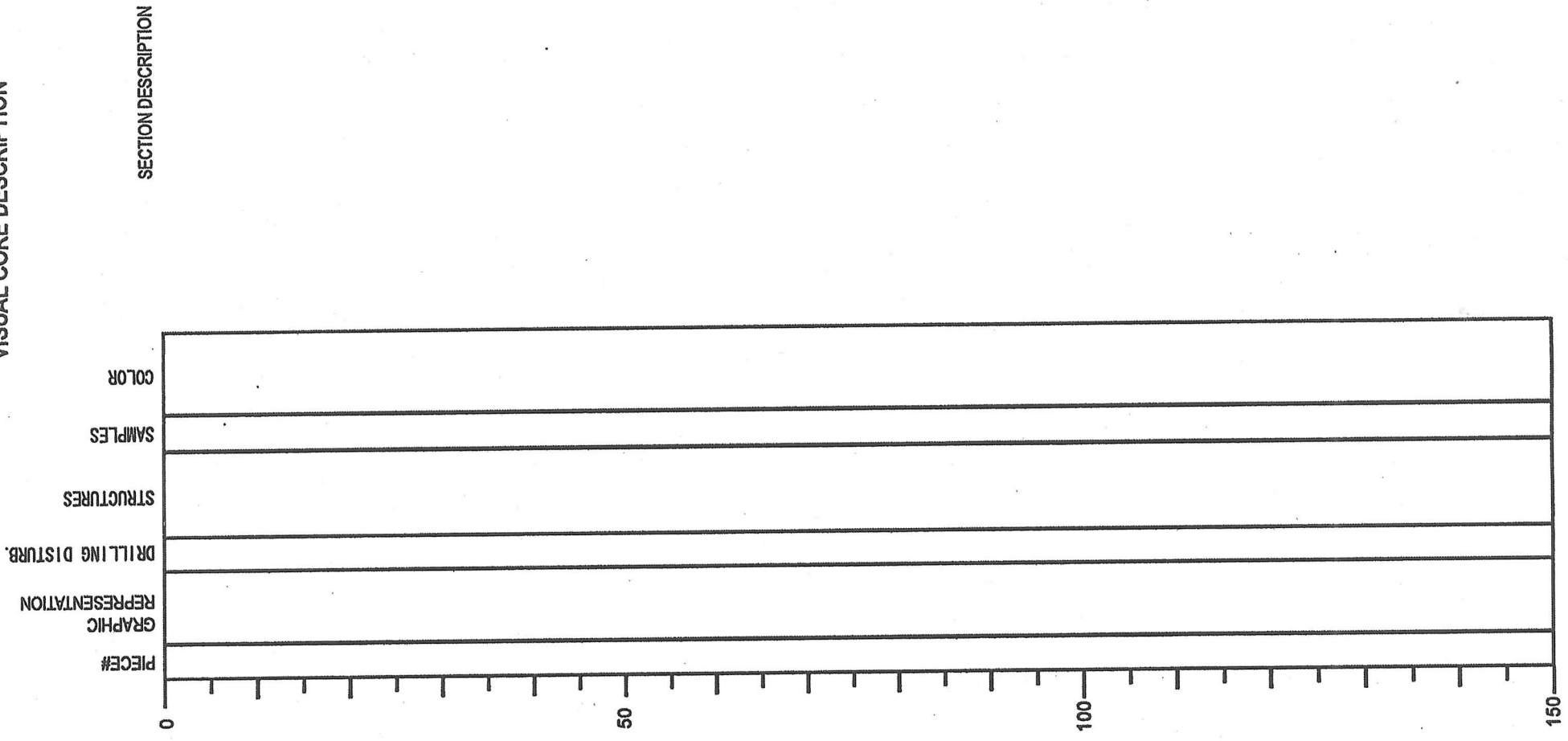
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C00040
CORE: 11K
SECTION: 3
OBSERVER: _____



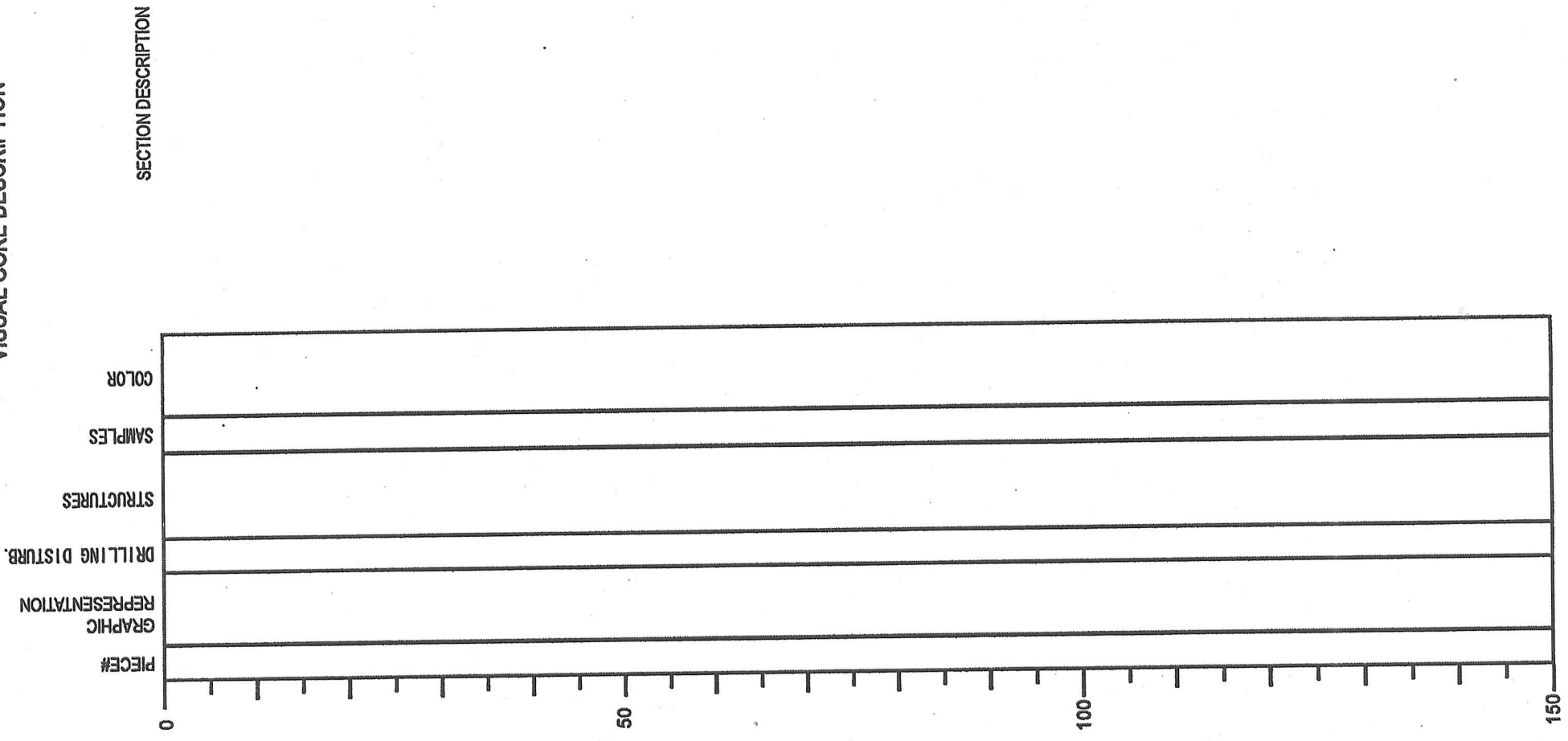
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: / / 20
EXP: _____
SITE/HOLE: _____
CORE: C0004D-11R
SECTION: CC
OBSERVER: _____



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

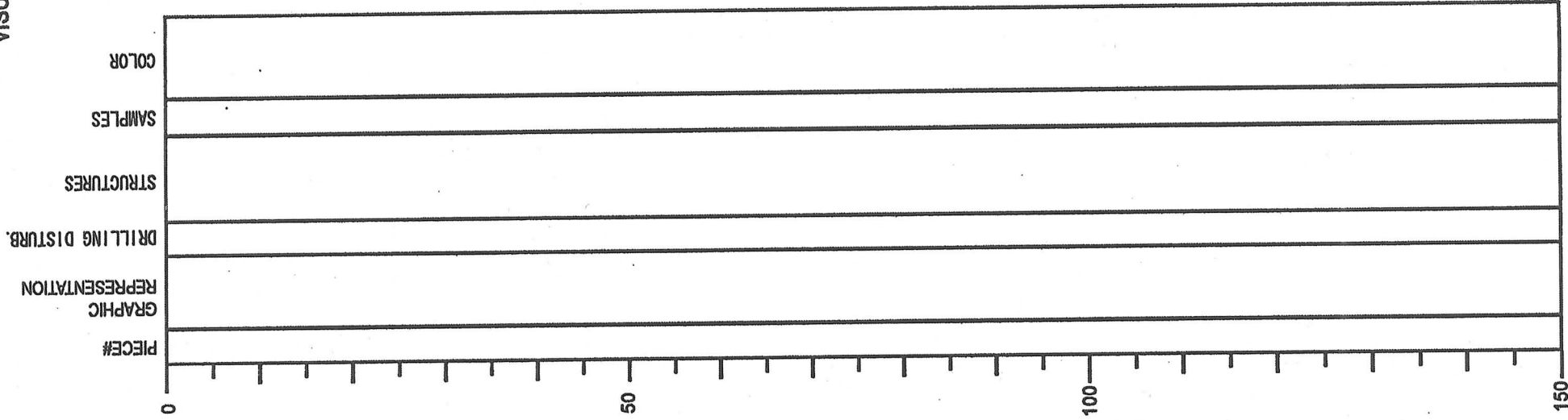
NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004-D
CORE: 12R
SECTION: 1
OBSERVER: _____



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

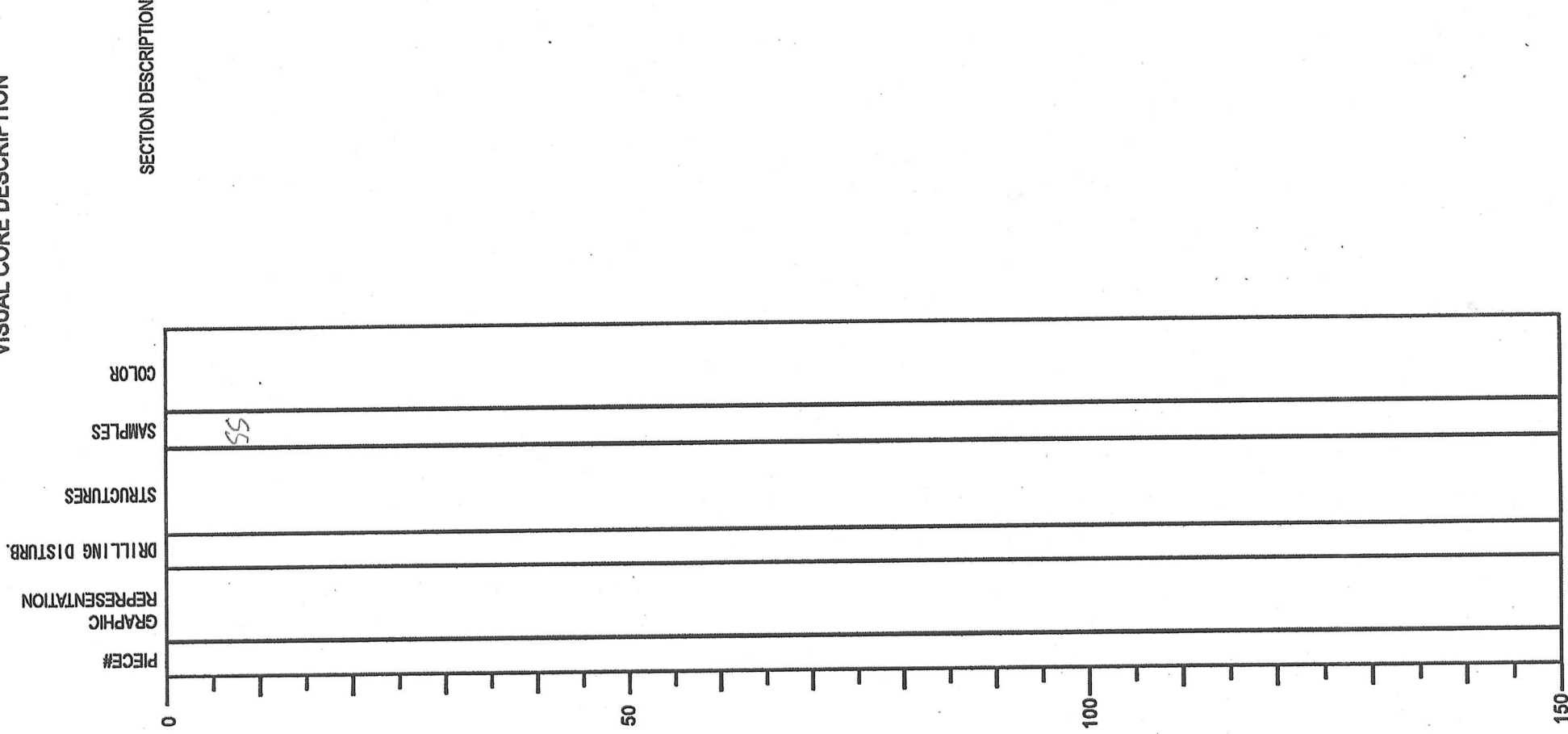
NO. _____
DATE: 1 / 120
EXP: _____
SITE/HOLE: C60040
CORE: 12R
SECTION: CC
OBSERVER: _____

SECTION DESCRIPTION



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. :
DATE: / / 20
EXP:
SITE/HOLE: 60004D
CORE: 13R
SECTION: 1
OBSERVER:

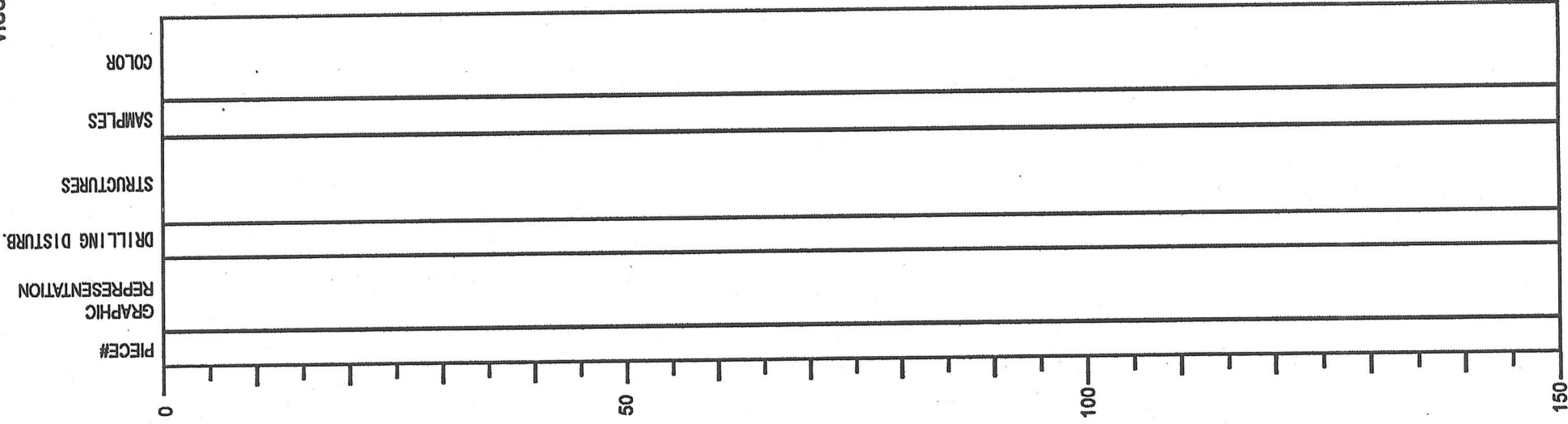


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004D
CORE: 13R
SECTION: Z
OBSERVER: _____

SECTION DESCRIPTION

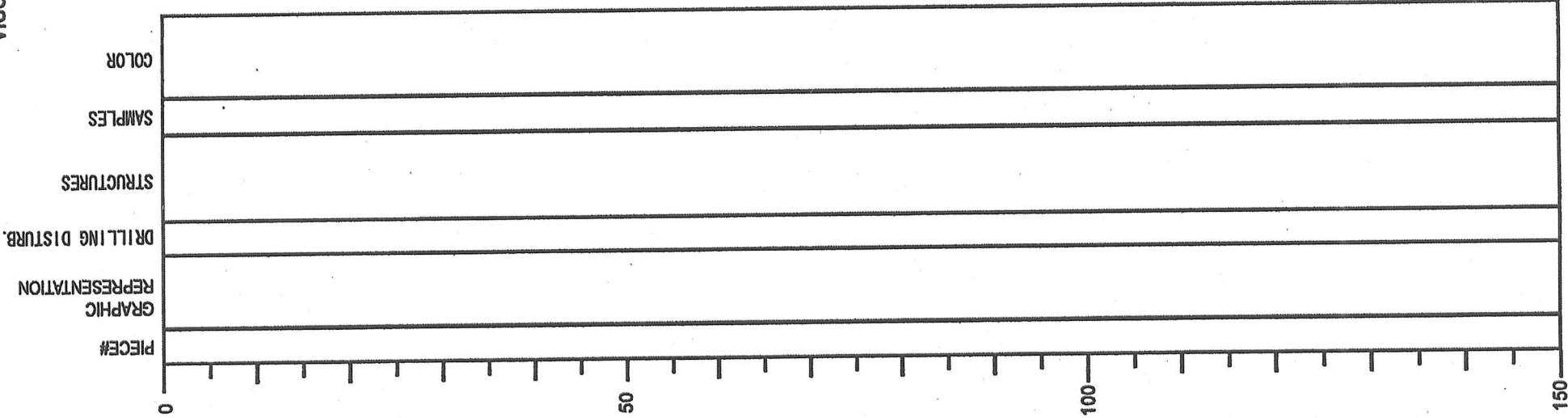
IW



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004
CORE: 13R
SECTION: CC
OBSERVER: _____

SECTION DESCRIPTION



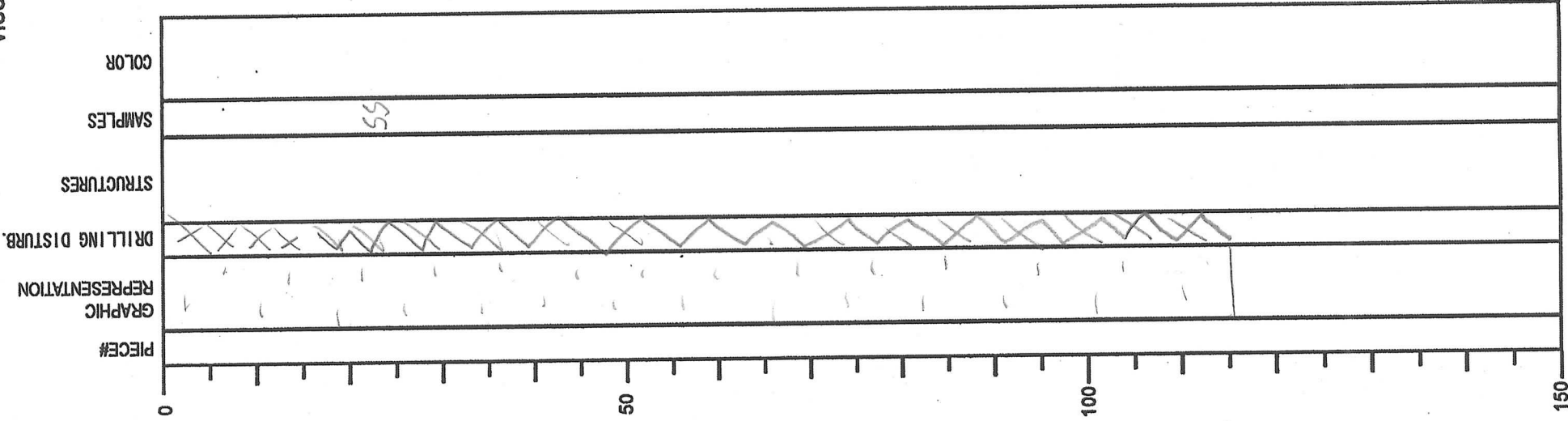
**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 24/12/2007
 EXP: 9/6
 SITE/HOLE: C0004P
 CORE: 16K
 SECTION: 1
 OBSERVER: UN

SECTION DESCRIPTION

dark greenish grey silty clay
 - generally ribbed due to drilling disturbance

- almost vertical deformation bands visible as
 green colour bands in more complete
 sections of core (55-60cm)

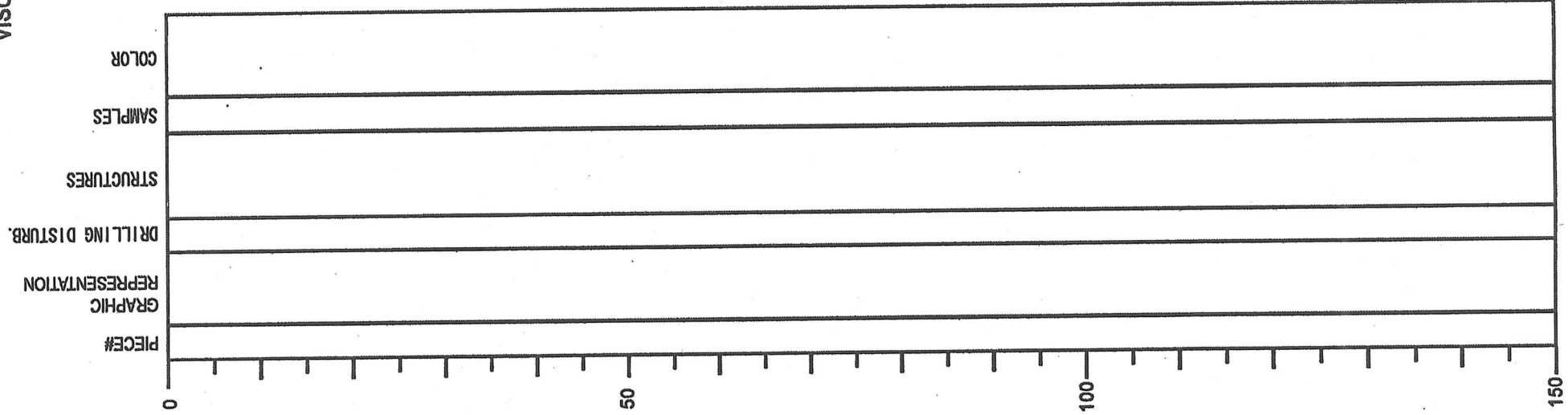


UN

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. WATER
DATE: 24/12/2007
EXP: 316
SITE/HOLE: C 0004D
CORE: 16R
SECTION: 2
OBSERVER: UN

IW



SECTION DESCRIPTION

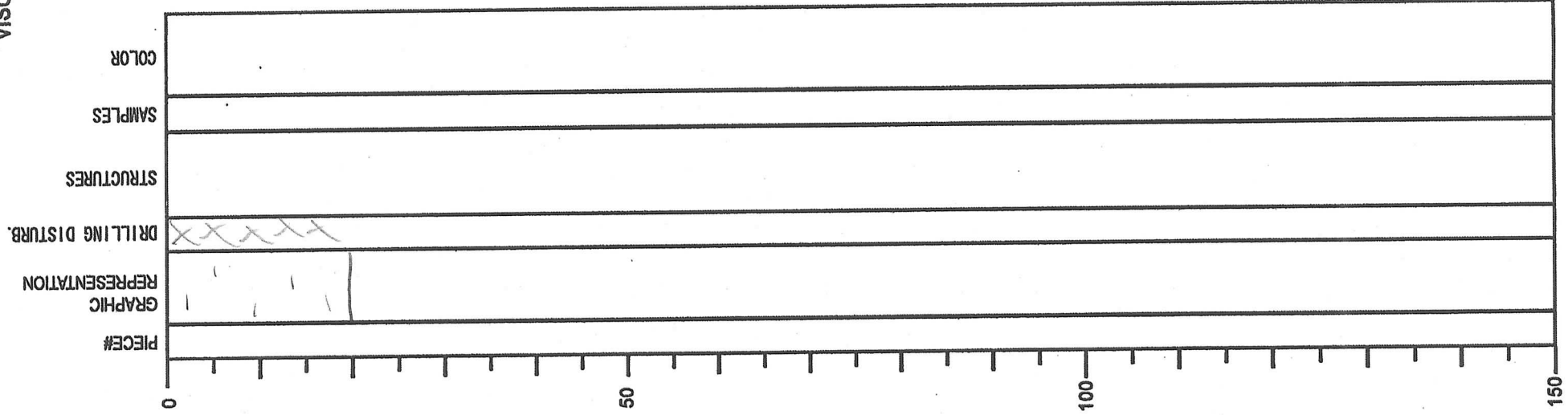
**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

2-FW

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C-0004P
CORE: 16R
SECTION: CC
OBSERVER: UN

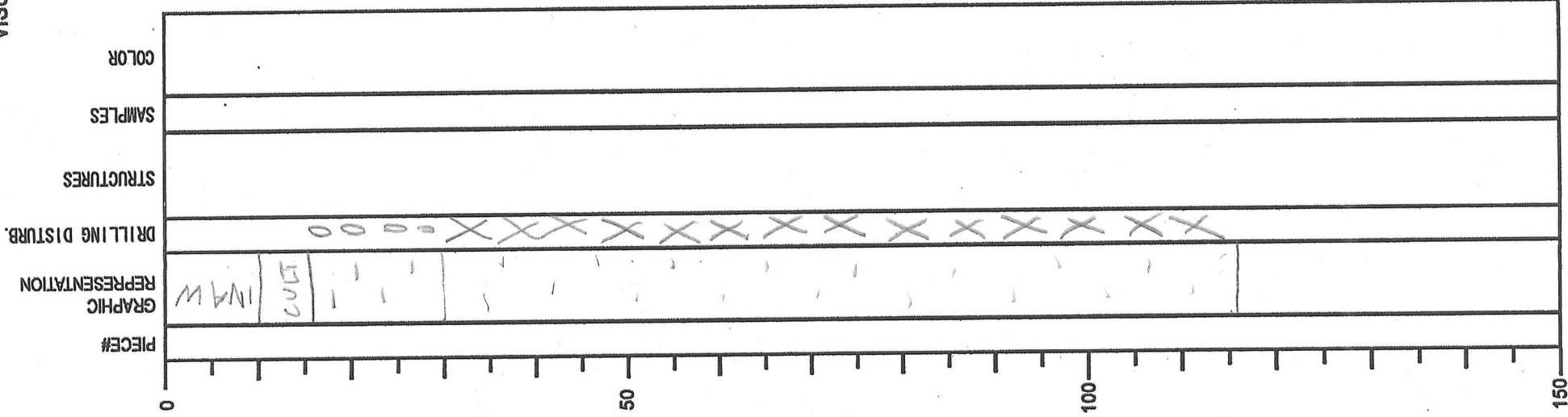
SECTION DESCRIPTION

dark greenish-grey silty clay.



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 25/12/2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 26/191K
 SECTION: 1
 OBSERVER: UN



SECTION DESCRIPTION

dark greenish-grey, apparently homogeneous claystone.
 - heavily fractured by drilling

- weak fissility (sub-horizontal) can be observed, probably parallel to bedding

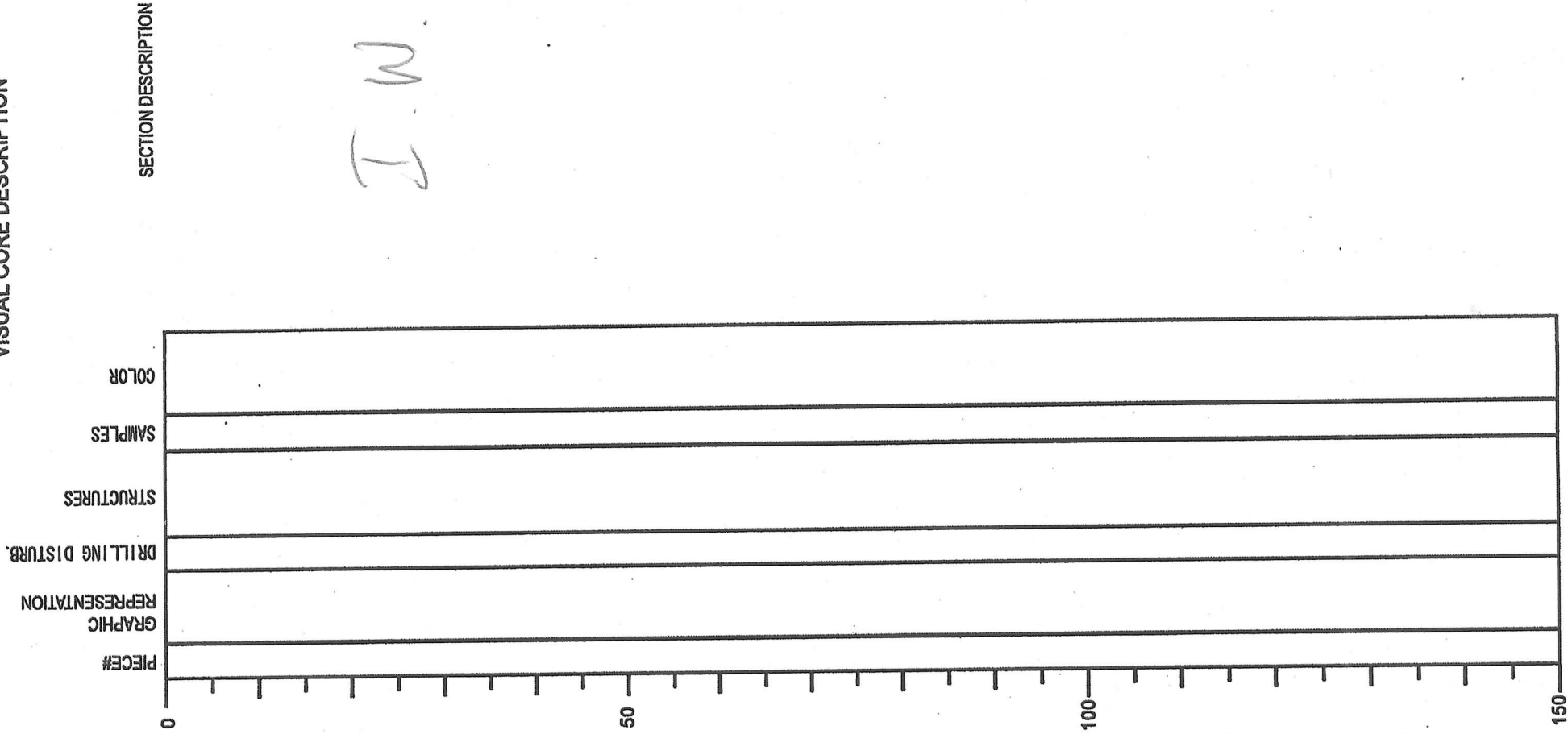
- black particles - probably organic matter, as several large dark grains ($\approx 20-50 \mu\text{m}$) are visible to the naked eye (quartz?)
 - also dispersed fine-grained grains

- dispersed organic matter

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

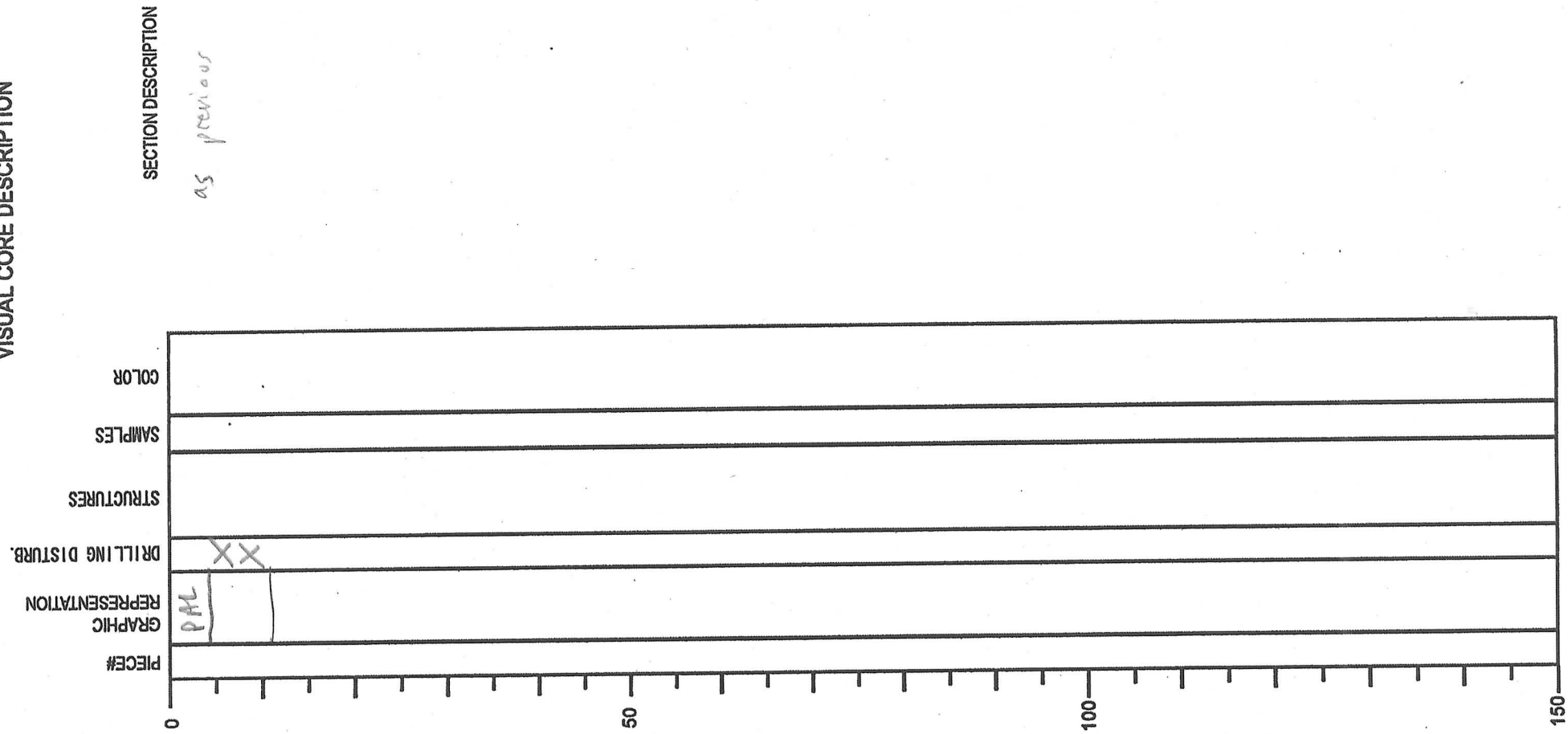
NO. _____
DATE: 24 12/20 07
EXP: 316
SITE/HOLE: 40009A
CORE: 19R
SECTION: 2
OBSERVER: UN

I.W.



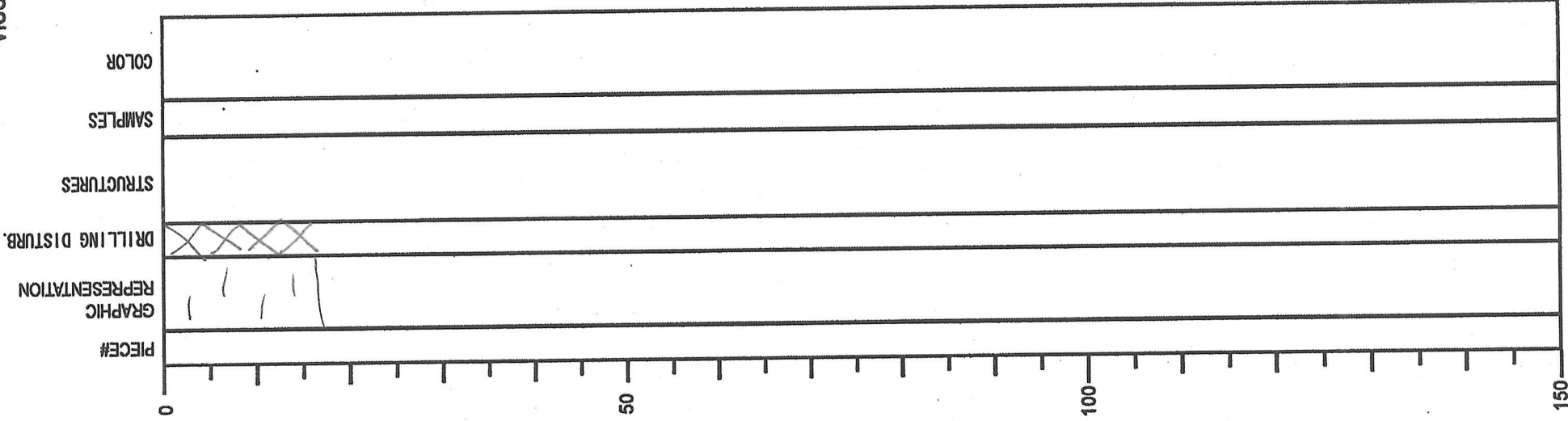
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 29 / 12 / 2007
EXP: 316
SITE/HOLE: ~~316~~ C 0504D
CORE: ~~CC~~ 19A
SECTION: CC
OBSERVER: UN



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 241212007
DATE: 24/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: ZOR
SECTION: 1
OBSERVER: CLF

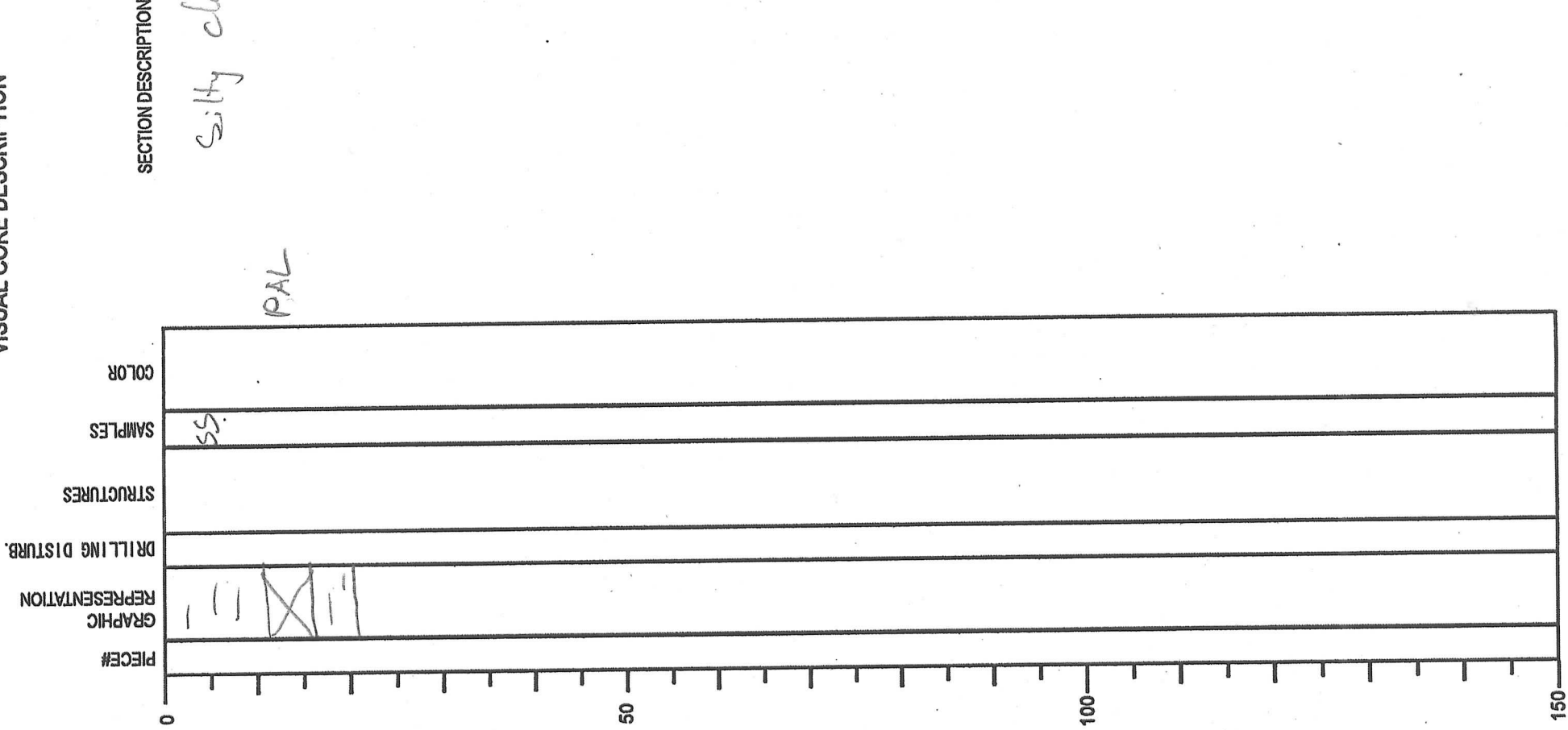


SECTION DESCRIPTION

Silty claystone
greenish gray

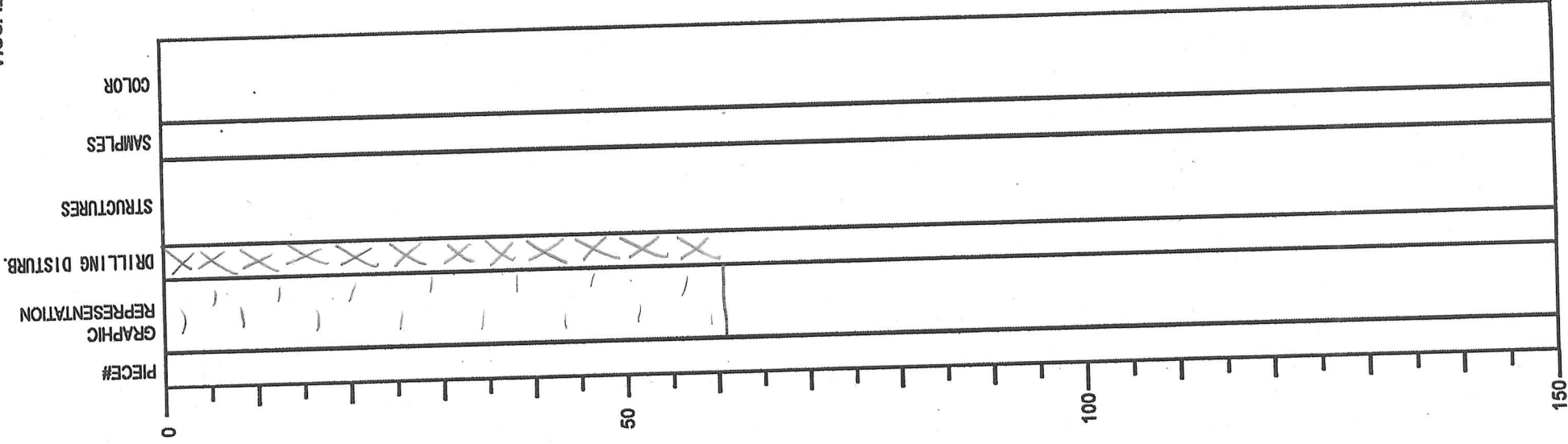
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 2412/20 07
DATE: 24/12/20 07
EXP: 316
SITE/HOLE: C0004-D
CORE: 20R
SECTION: CC
OBSERVER: CLF



**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO.
 DATE: 24-11-2007
 EXP: 316
 SITE/HOLE: C 0004D
 CORE: ~~21R~~ 21R
 SECTION: 1
 OBSERVER: UN

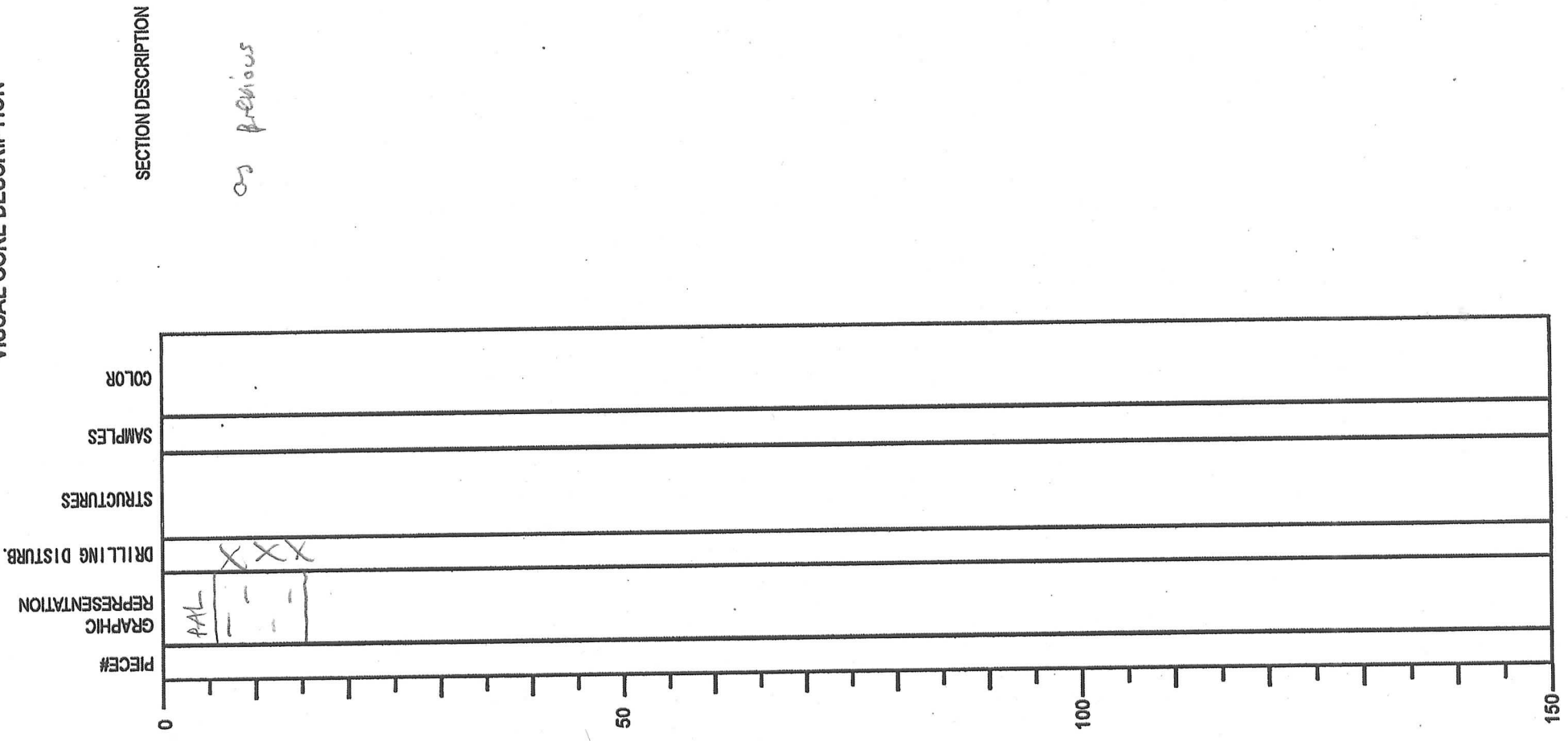


SECTION DESCRIPTION

dark greenish-grey silty clay. Apparently
 homogeneous.
 Brecciated by drilling.
 Occasional glauconite grains.

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 29-12-2007
 EXP: 3/6
 SITE/HOLE: C 0004D
 CORE: 21A
 SECTION: CC
 OBSERVER: UN



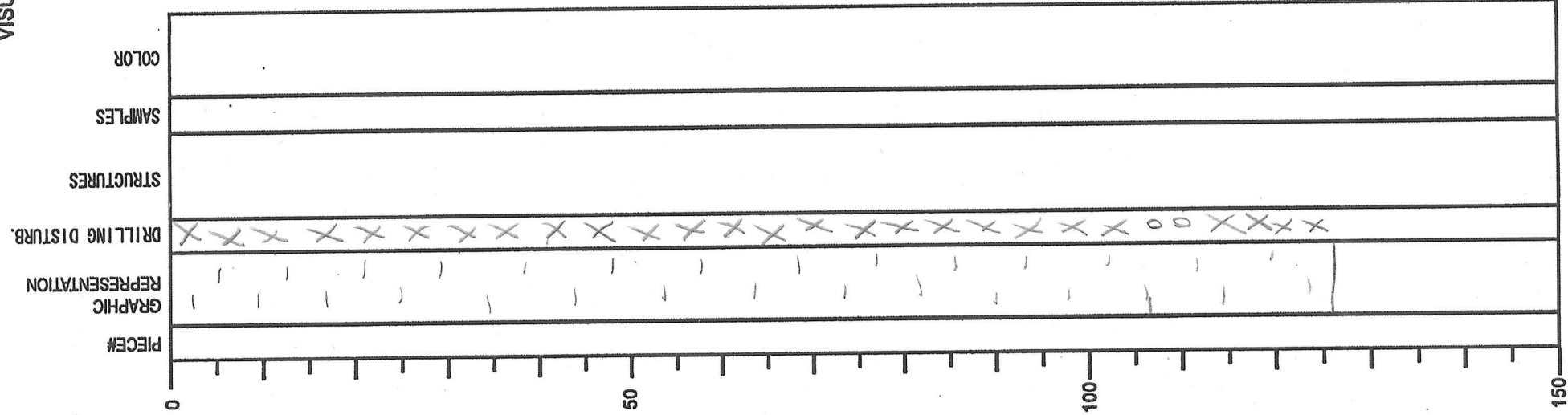
as previous

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 24 / 12 / 2007
 EXP: 316
 SITE/HOLE: C 000 4D
 CORE: 22A
 SECTION: 1
 OBSERVER: UN

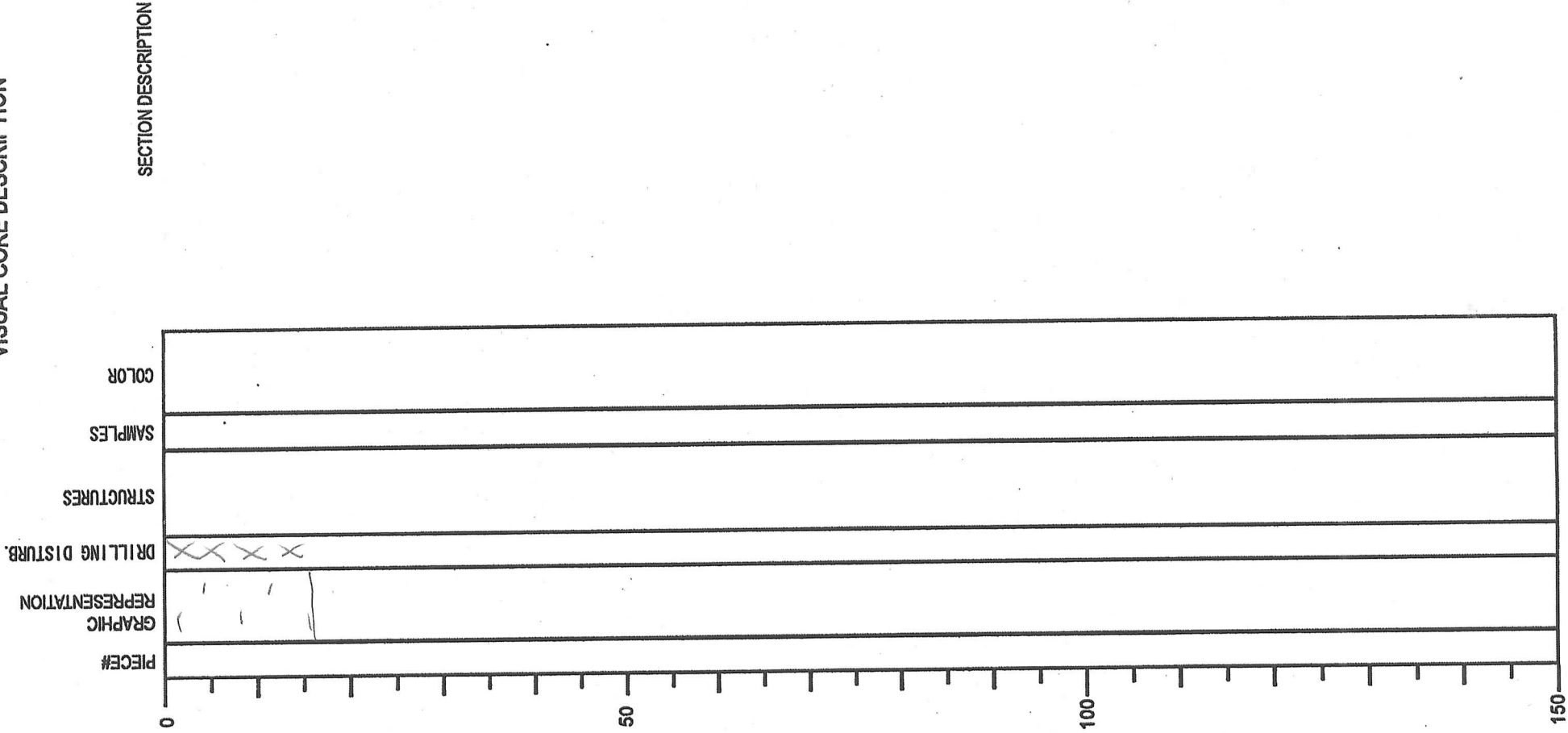
SECTION DESCRIPTION

*dark green-grey silty clay
washed to a pulp...*



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

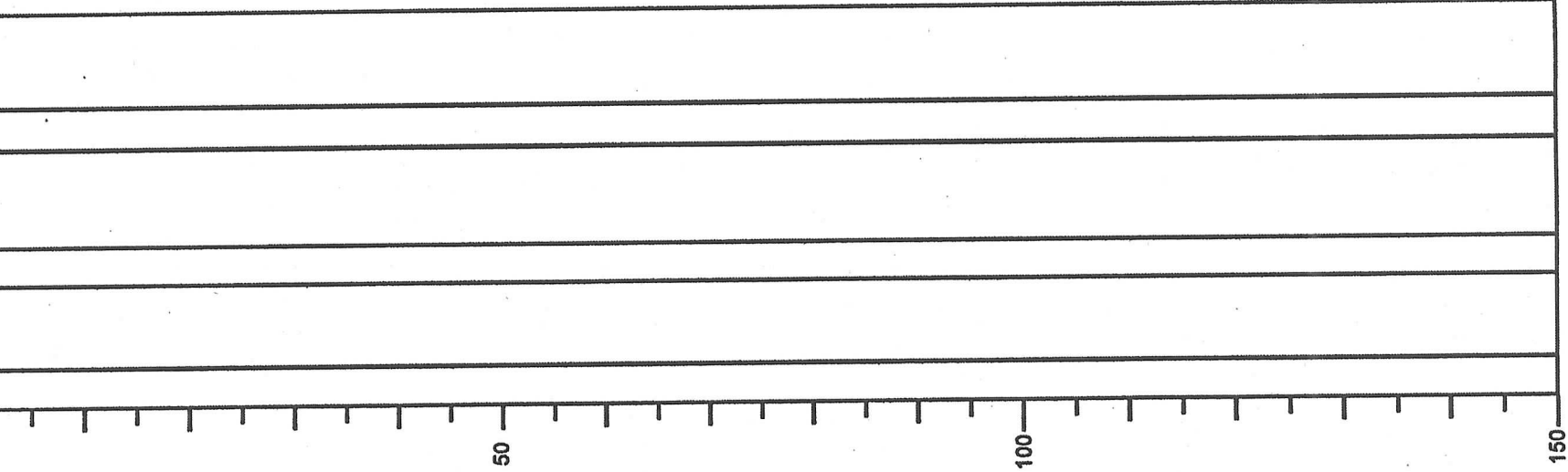
NO. _____
DATE: 24 / 12 / 2007
EXP: 3/6
SITE/HOLE: C 0004D
CORE: 22R
SECTION: CC
OBSERVER: UN



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 24 / 120
EXP: 316
SITE/HOLE: C0004D
CORE: 23R
SECTION: 1-2+CC
OBSERVER: M.S. / KLM

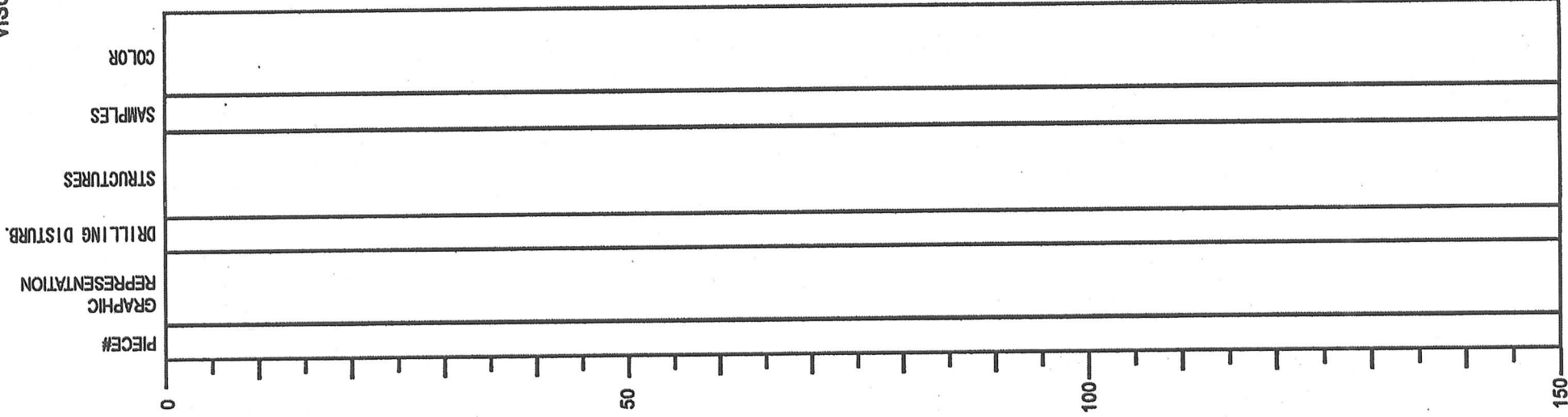
SECTION DESCRIPTION



*all the same greenish
gray clay stone
thinly bedded
see J-core
for section details*

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: C0004D
CORE: 24R
SECTION: 1-2 + cc
OBSERVER: M.S / KLM



SECTION DESCRIPTION

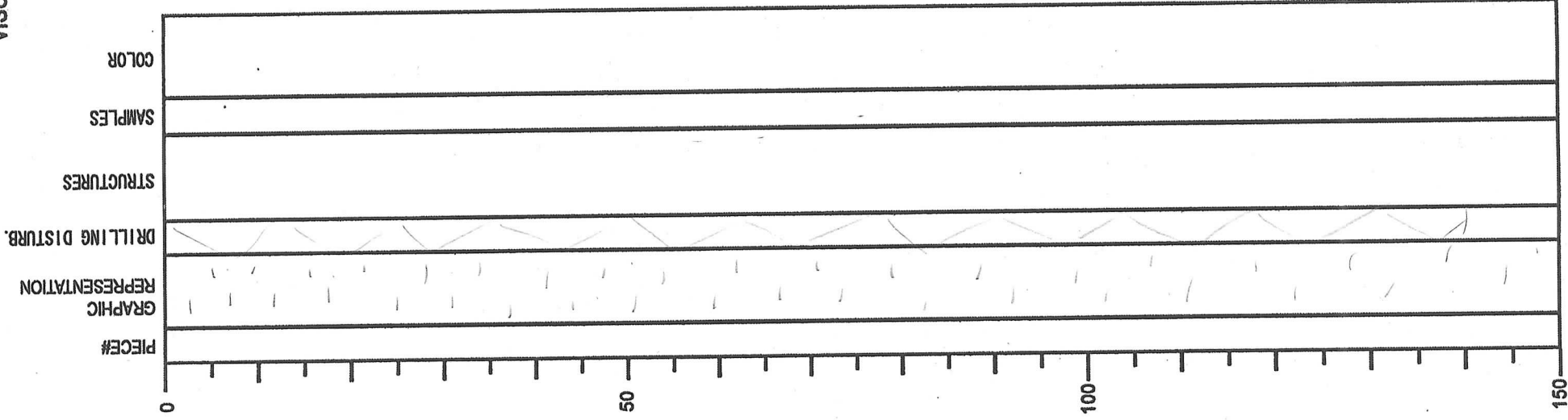
dark greenish gray mudstone
heavily fractured ~~to~~ and
drilling disturbed throughout
see J-core

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 27 12 / 20 07
 EXP: 316 SITE/HOLE: C0004D
 CORE: 25 R SECTION: 1
 OBSERVER: MS / KLM

SECTION DESCRIPTION

dark greenish gray silty claystone
 chips max 2cm across but mostly smaller
 more sandy in the upper part and drier in the
 lower part
 between 57 and 59
 and
 65-68 slight color variations from ~~dark~~
 dark greenish gray to somewhat lighter dark
 greenish gray

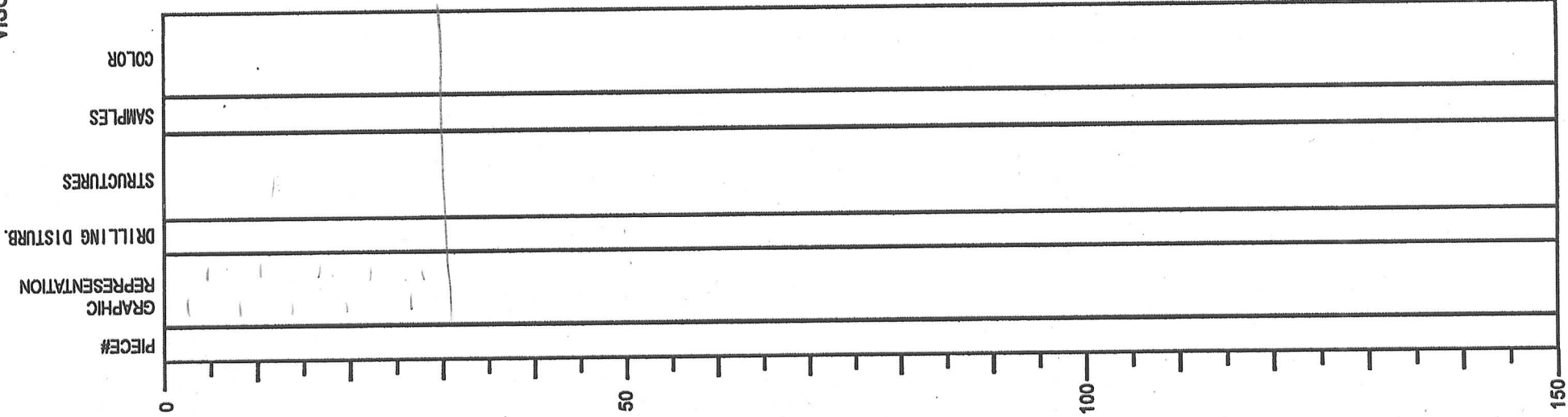


**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. 2711212007
 DATE: 27/12/2007
 EXP: 316
 SITE/HOLE: C000ND
 CORE: 25R
 SECTION: 2
 OBSERVER: MS / KLM

SECTION DESCRIPTION

some dark greenish grey silty c (24)
 with greenish to mottled ~~(silty)~~ at
 12cm run (included) 19-22cm

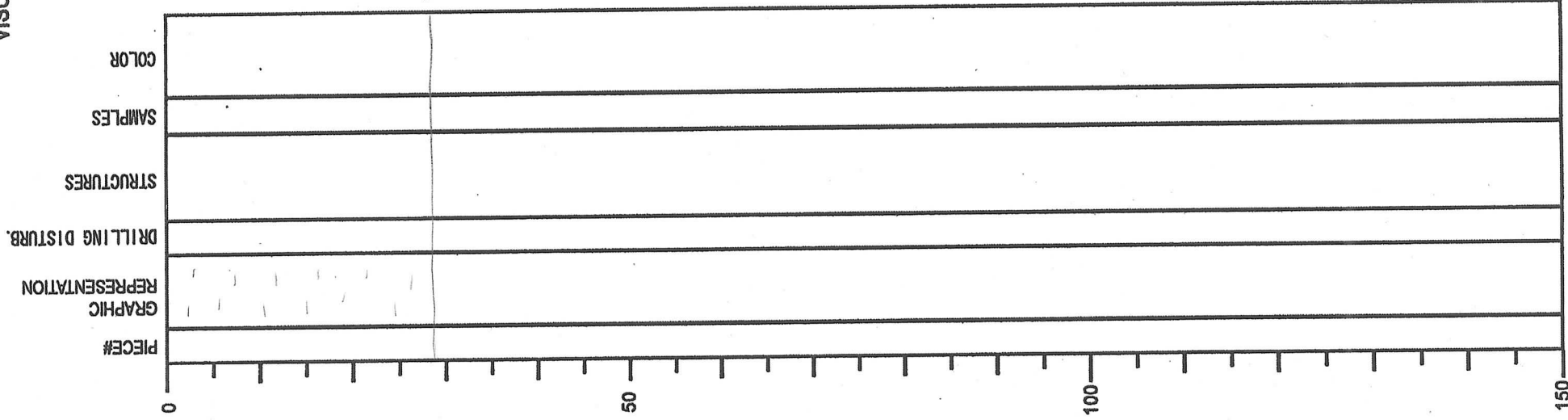


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 27 11/2007
EXP: 316
SITE/HOLE: C00040
CORE: 25R
SECTION: CC
OBSERVER: MS/KCM

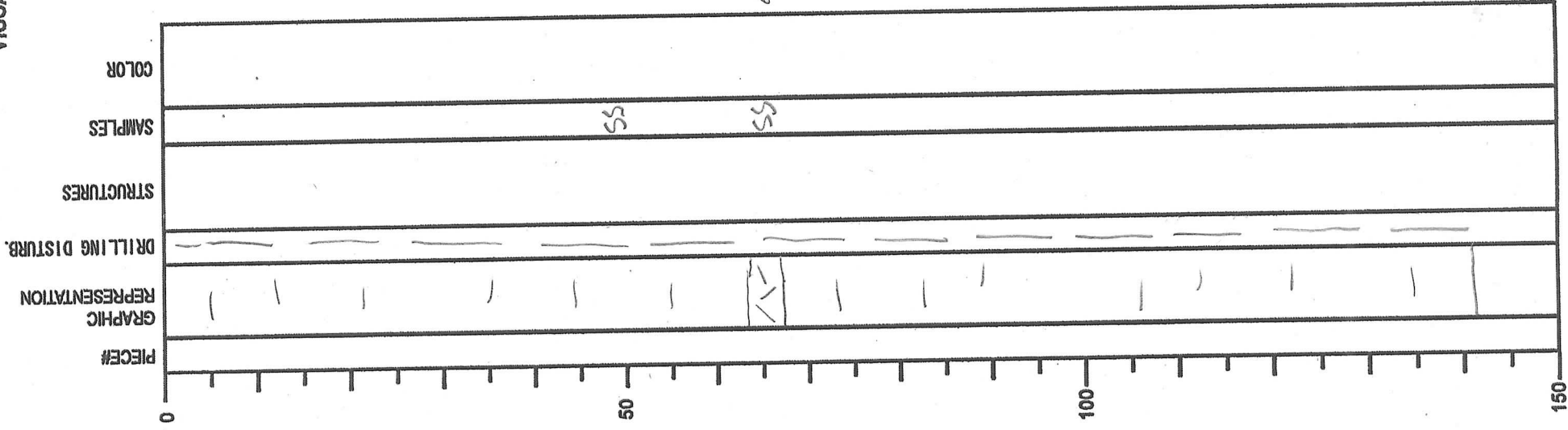
SECTION DESCRIPTION

dark greenish gray silty clay
slight color variation from dark greenish gray
to somewhat lighter dark greenish gray
with a sharp boundary at ~ 19cm



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 28/12/2007
EXP: 316 SITE/HOLE: C0004-D
CORE: 26R SECTION: 1
OBSERVER: CLF



SECTION DESCRIPTION

Olive-gray silty clay

- soft

? Moderately disturbed by

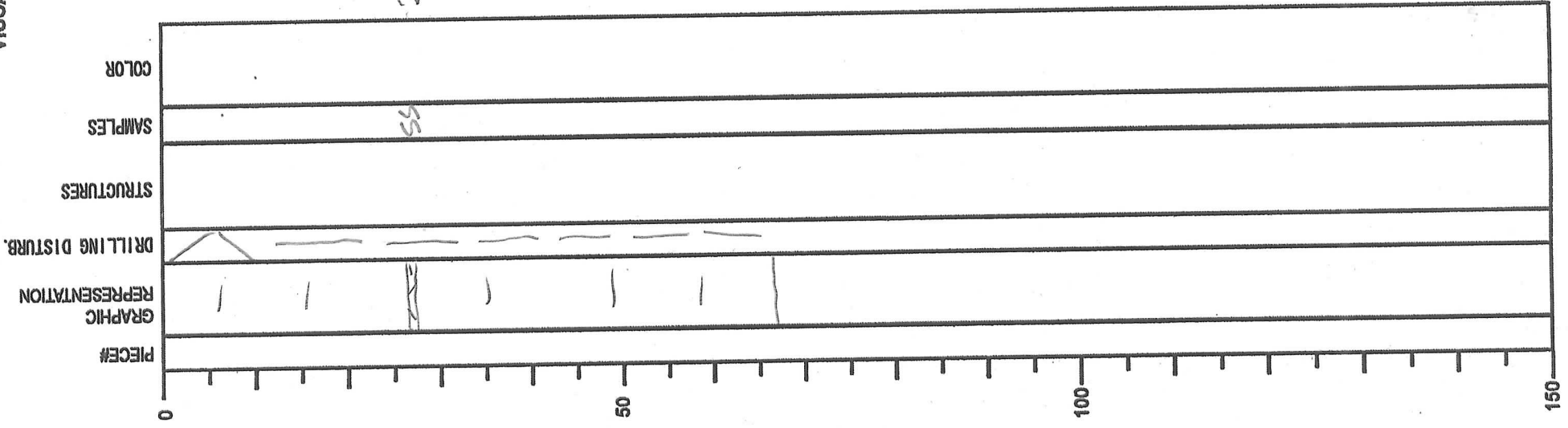
drilling. Fault breccia.

64-67cm

Light-colored - light-gray to olive gray layer (ash layer)

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 28 112 / 2007
EXP: 316 SITE/HOLE: C0004D
CORE: 26R SECTION: 2 OBSERVER: CLF



SECTION DESCRIPTION

Olive-gy silty claystone

Fault breccia.

26-27cm Volcanic ash (white)

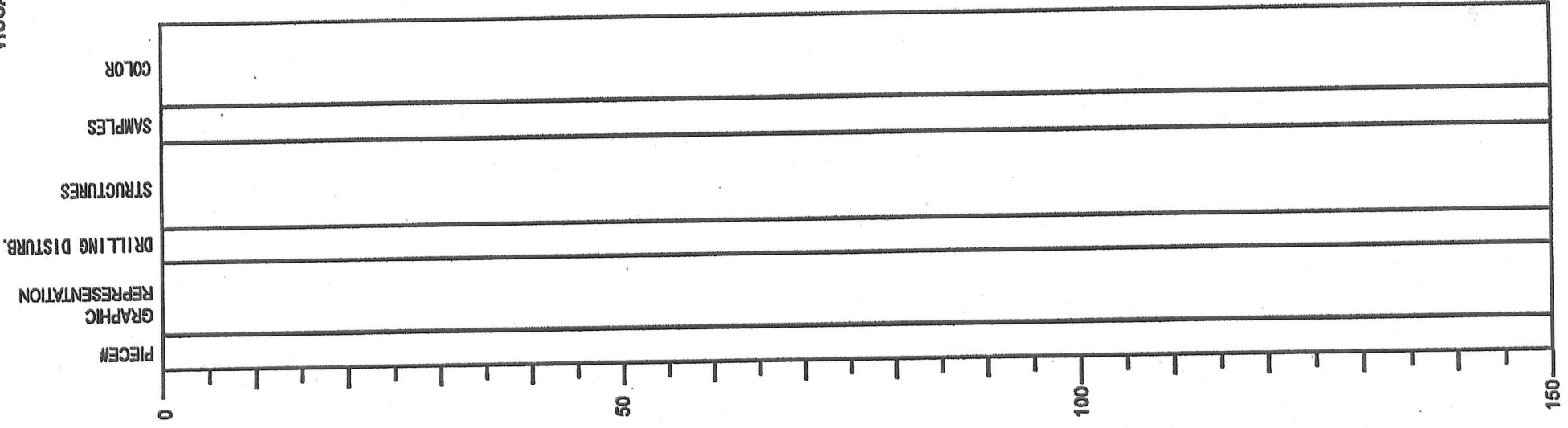
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: _____
CORE: ~~51R~~ 26R
SECTION: 3
OBSERVER: _____



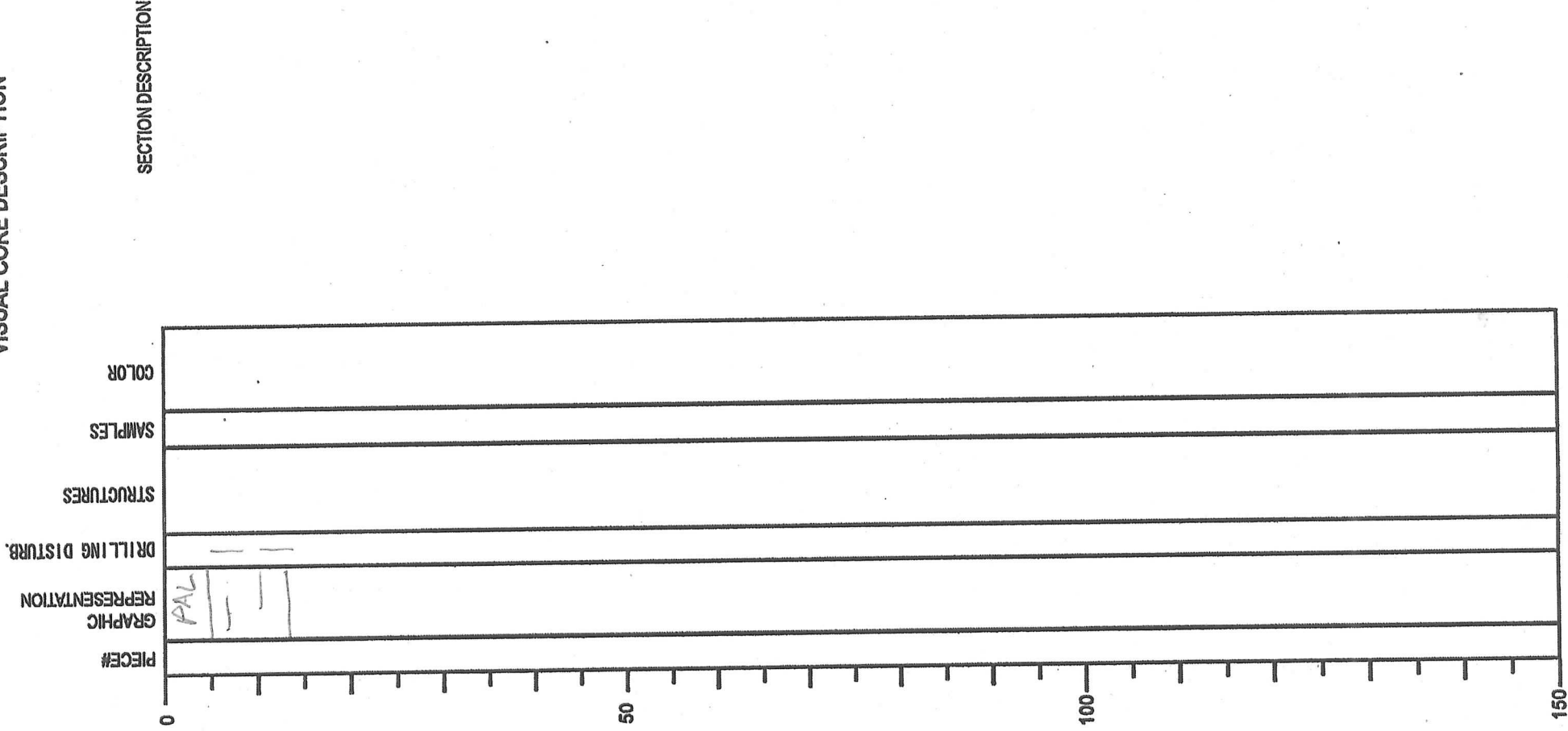
IW

SECTION DESCRIPTION



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 28/12/2007
EXP: 316
SITE/HOLE: C0604D
CORE: 26R
SECTION: CC
OBSERVER: CLF

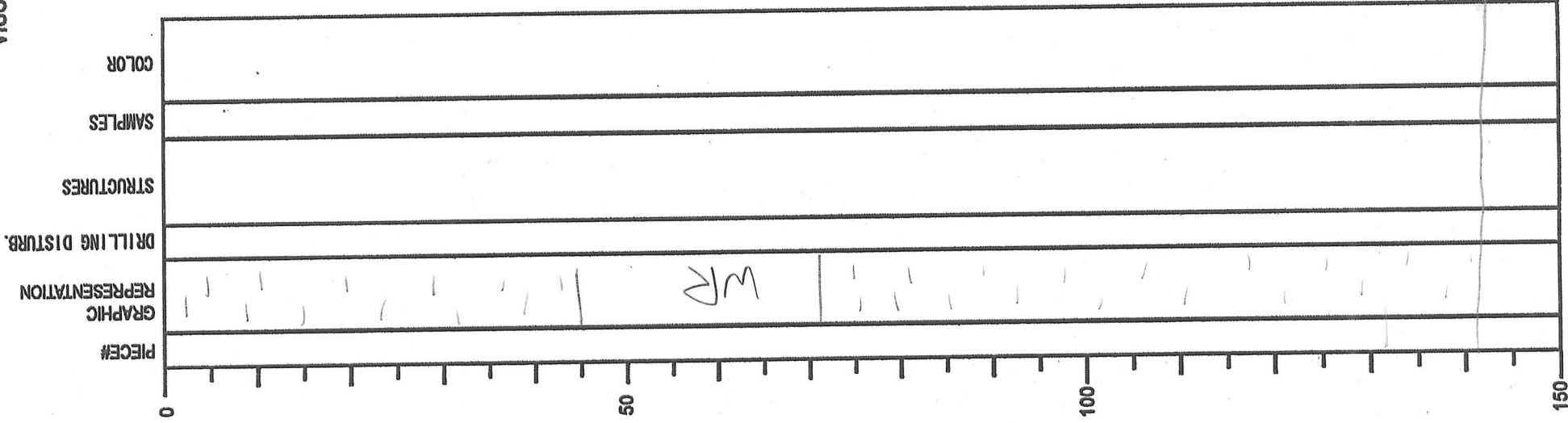


**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 Mar 2007
 EXP: 3/16
 SITE/HOLE: C00040
 CORE: 27R
 SECTION: 1
 OBSERVER: NS / KLM

SECTION DESCRIPTION

dark greenish gray silty claystone
 mostly small chips
 greenish color hue throughout → blank on slide?



are dispersed with?

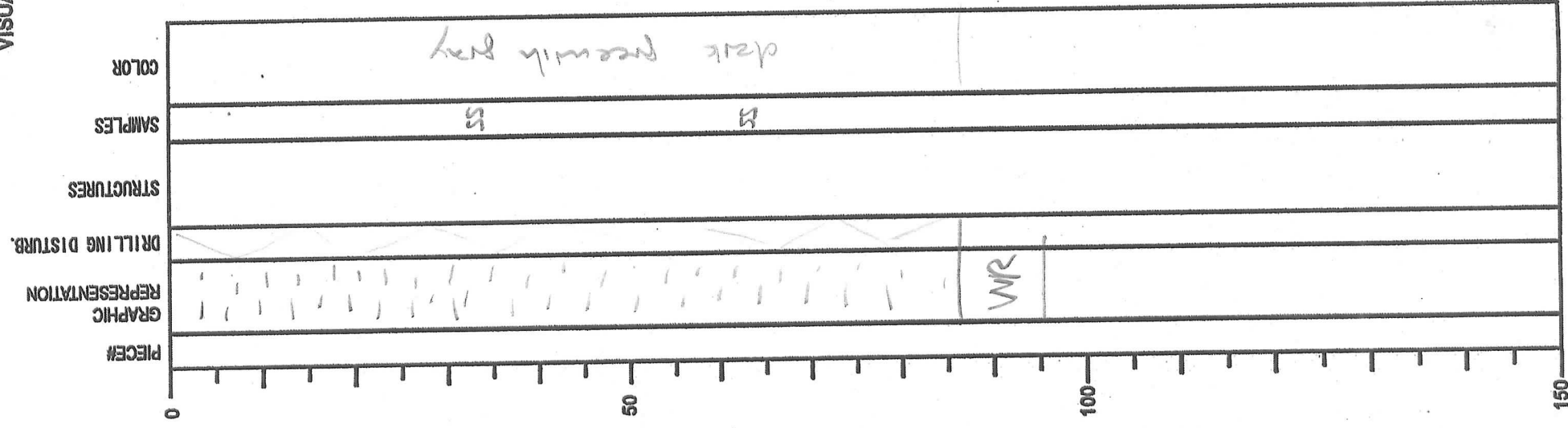
147

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 11 / 2008
 EXP: 216
 SITE/HOLE: C0004D
 CORE: 27R
 SECTION: 2
 OBSERVER: MS/KCM

SECTION DESCRIPTION

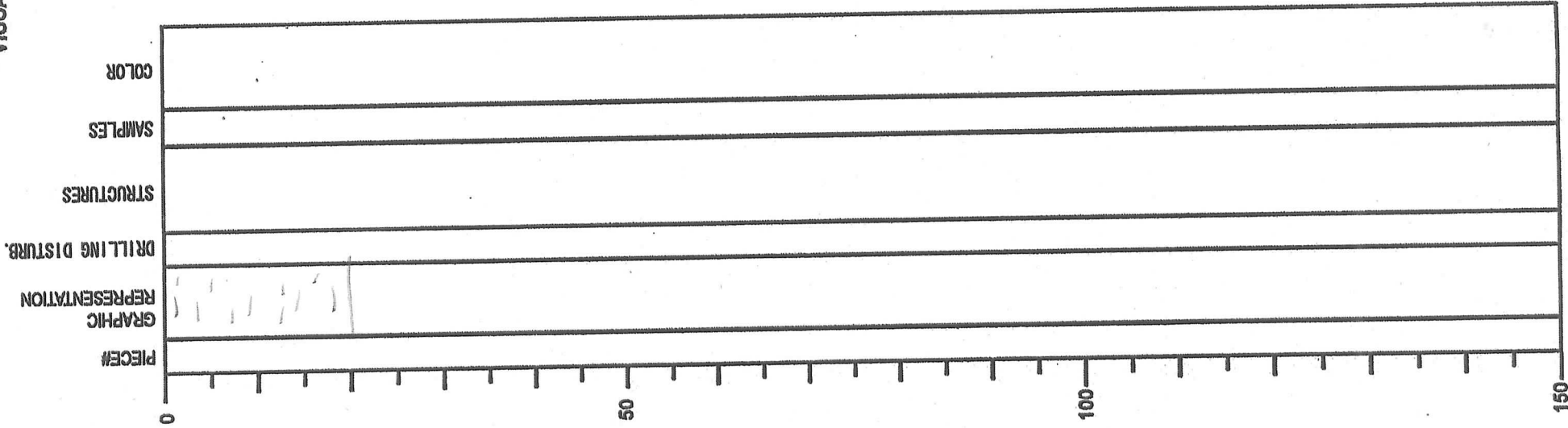
25 blue



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 1 / 20 07
EXP: 316
SITE/HOLE: C00040
CORE: 27R
SECTION: CC
OBSERVER: Ms/EM

SECTION DESCRIPTION



**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO.
 DATE: 11/20/08
 EXP: 316
 SITE/HOLE: 00090
 CORE: 28R
 SECTION: 1
 OBSERVER: MS/KLM

SECTION DESCRIPTION

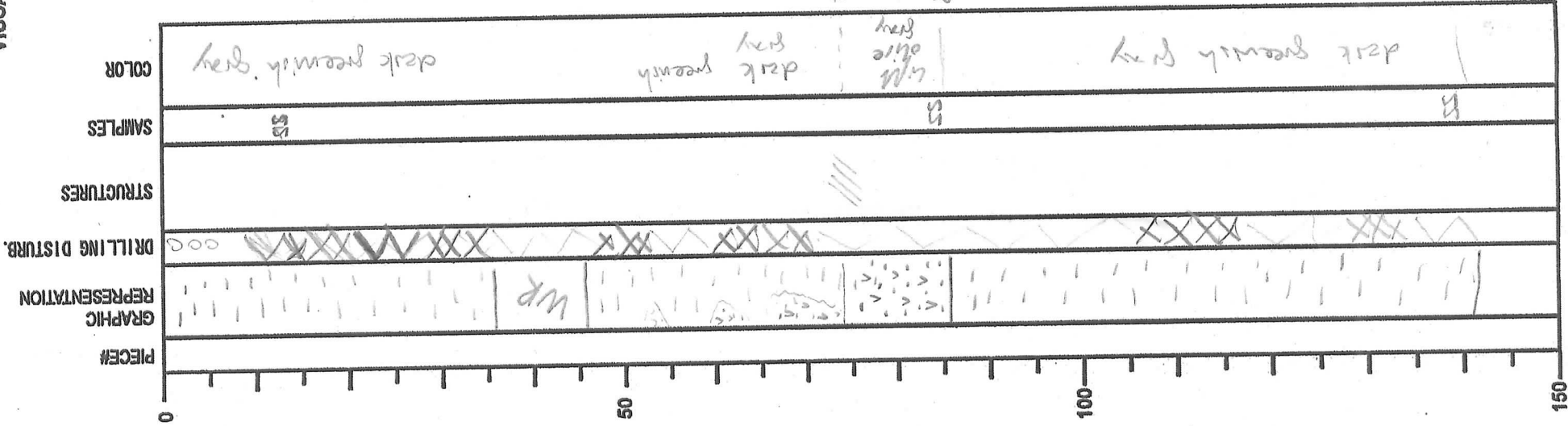
silly clay - varying intervals of
 more coherent pieces
 that are fractured
 and intervals with
 drilling induced
 breccia

patches of dispersed ash

sharp upper boundary

with fine pink ash (dispersed within
 silty clay
 but not
 sediment)

sharp lower boundary

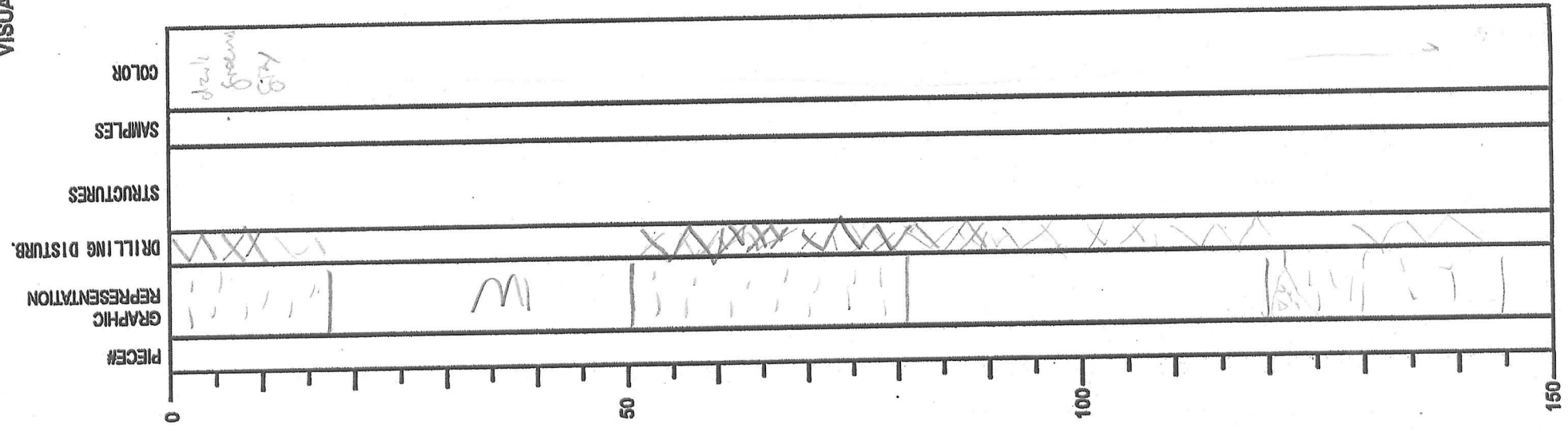


**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 7 / 1 / 2007
 EXP: 516
 SITE/HOLE: C0004D
 CORE: 28R
 SECTION: 2
 OBSERVER: MS/KLM

SECTION DESCRIPTION

75 above



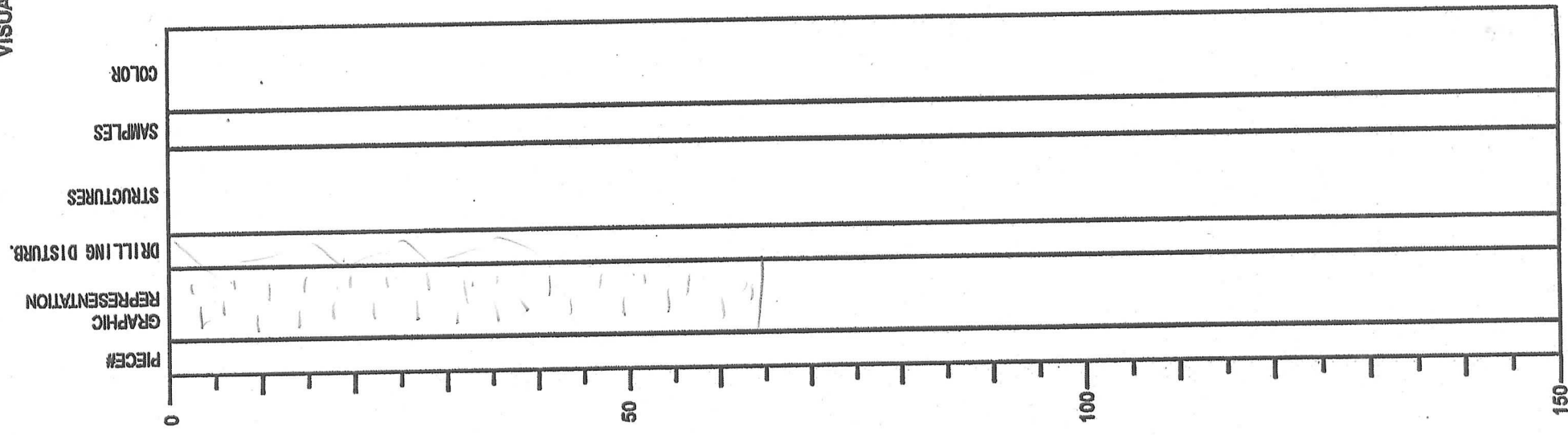
patch of light blue gray dispersed ash

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: _____
CORE: 29 R
SECTION: 5
OBSERVER: _____

SECTION DESCRIPTION

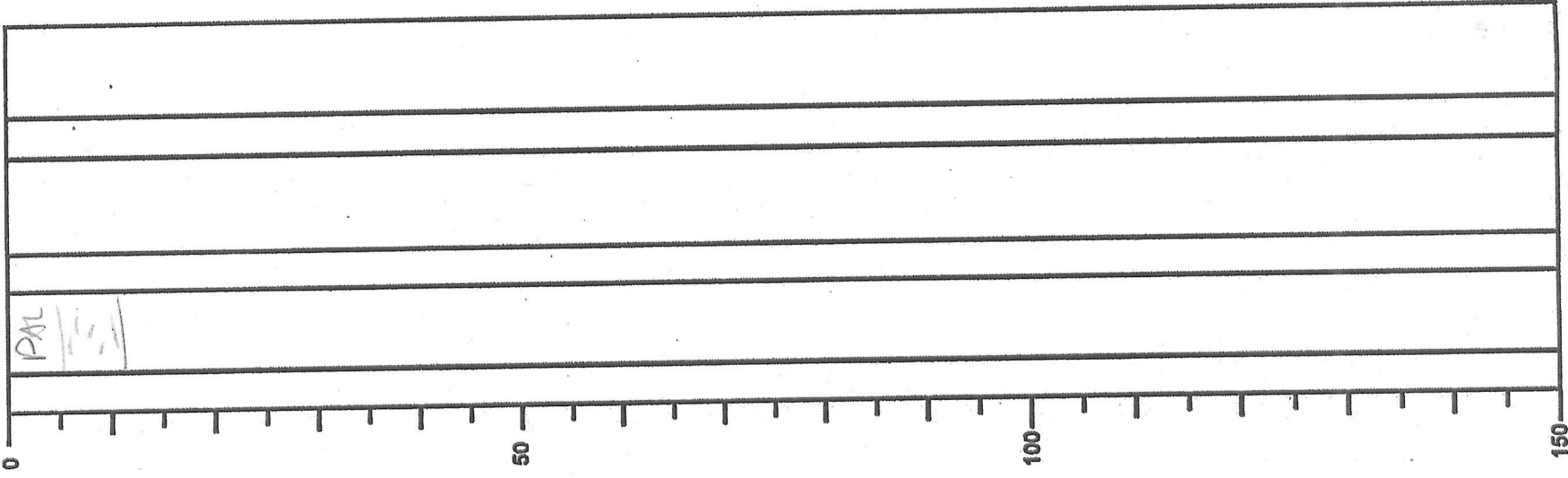
25 above



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 120
EXP: _____
SITE/HOLE: 00040
CORE: 28R
SECTION: CC
OBSERVER: ms / kll

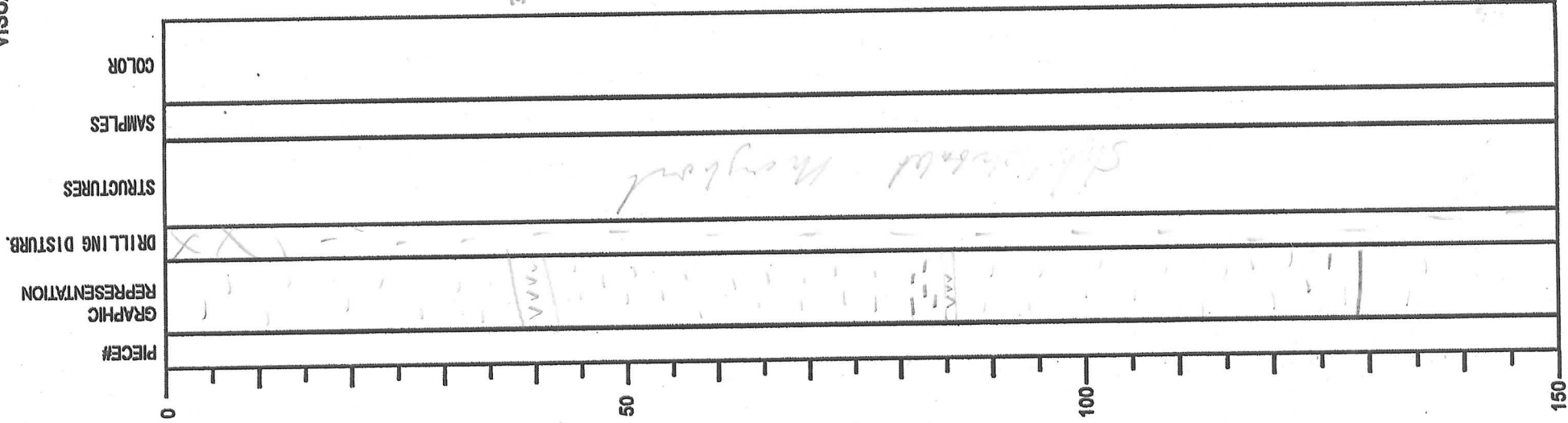
SECTION DESCRIPTION



As above

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 28/12/2007
 EXP: 316 SITE/HOLE: C00040
 CORE: 29R SECTION: 1
 OBSERVER: M.S/KLM



SECTION DESCRIPTION

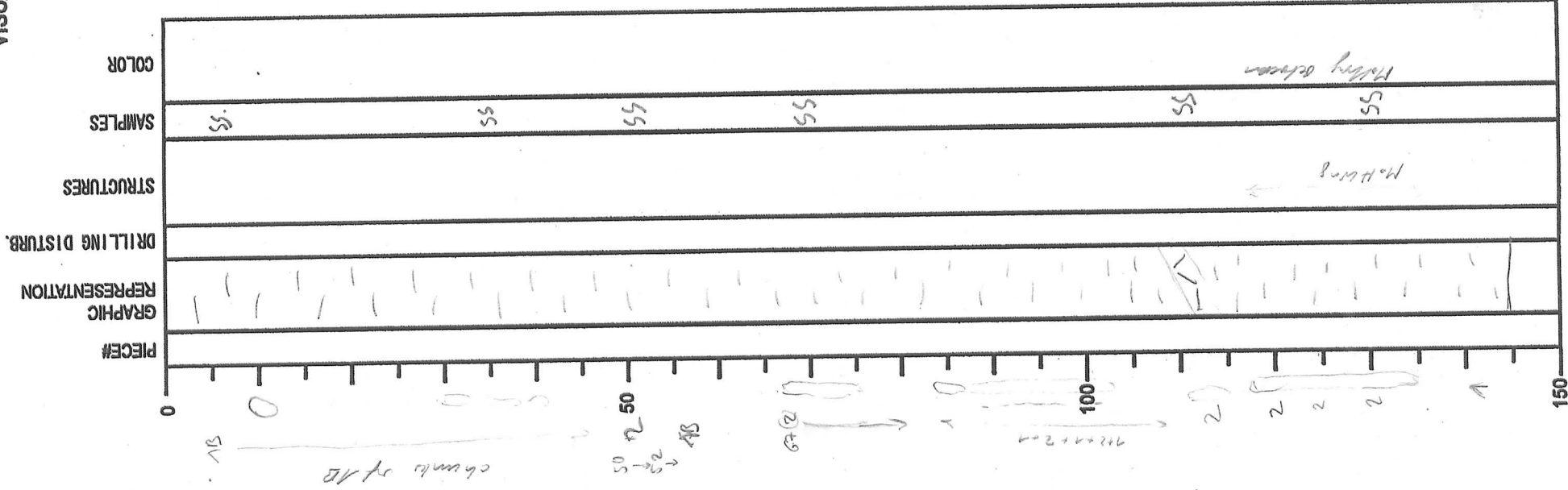
dark greenish gray silty clay stone
 fractured in mostly small pieces
 only few coherent pieces that show
 laminae and small sand-sized specks
 of ?? Pyrite??
 the small chips appear to be slightly
 finer and do not contain large glauconite
 but are also rounded
 However Si can't tell any
 differences in lithology

39-42 Ash

81-86 mohn covered piece
 86 0.2cm x 0.1cm layer

INTEGRATED OCEAN DRILLING PROGRAM VISUAL CORE DESCRIPTION

NO.
 DATE: 20/12/2007
 EXP: 316
 SITE/HOLE: C00040
 CORE: 22R
 SECTION: 2
 OBSERVER: DS/KUM



SECTION DESCRIPTION

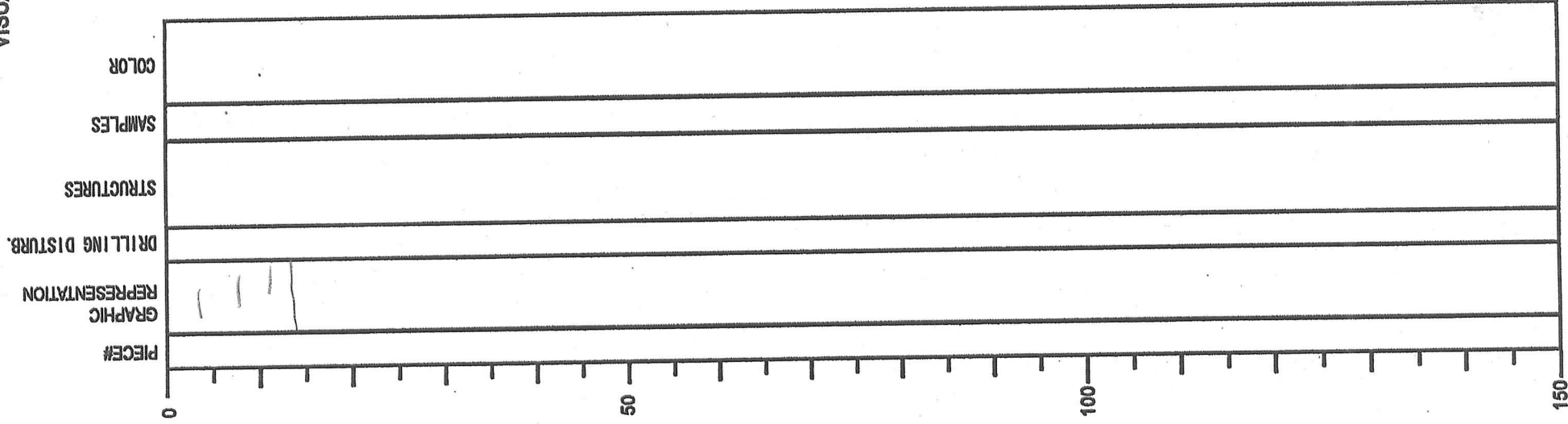
dark greenish gray silty claystone
 fracture in kind of sharp 0.5-1cm chips
 greenish color patches and mottling
 => glauconite

greenish SA-32

greenish gy
 light olive gy
 greenish gy
 volcanic ash (gy-wh)

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 3012/2007
DATE: 30/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 29R
SECTION: 3
OBSERVER: CLF



SECTION DESCRIPTION

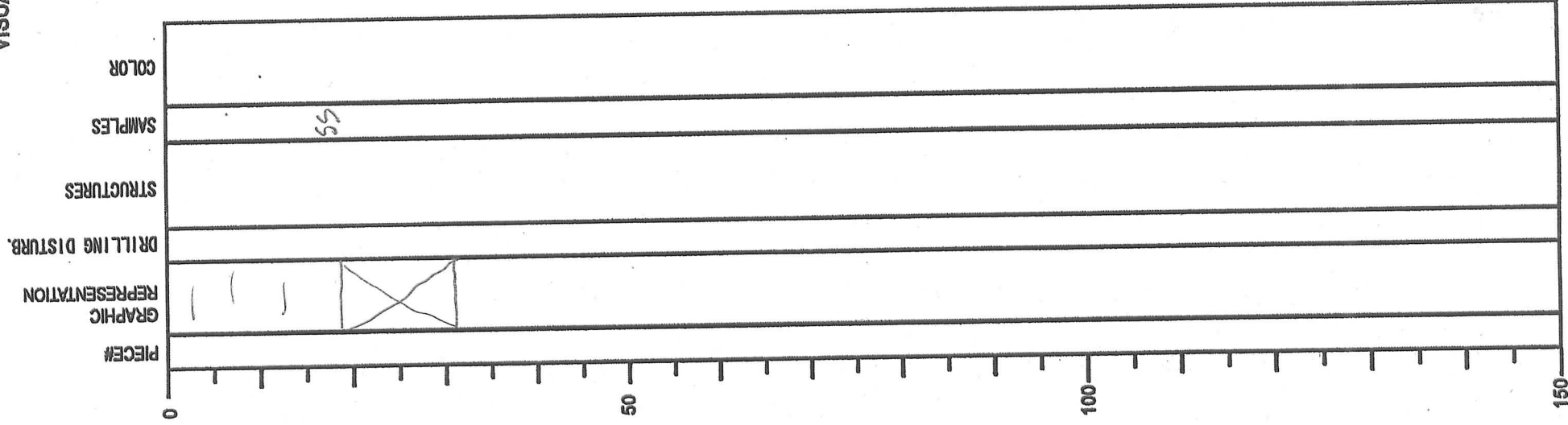
Colour variation
Dk greenish-grey silty claystone
highly fractured (fault gouge)

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 3111212007
DATE: 3/11/2007
EXP: 316
SITE/HOLE: C00040
CORE: 29R
SECTION: CC
OBSERVER: CLF

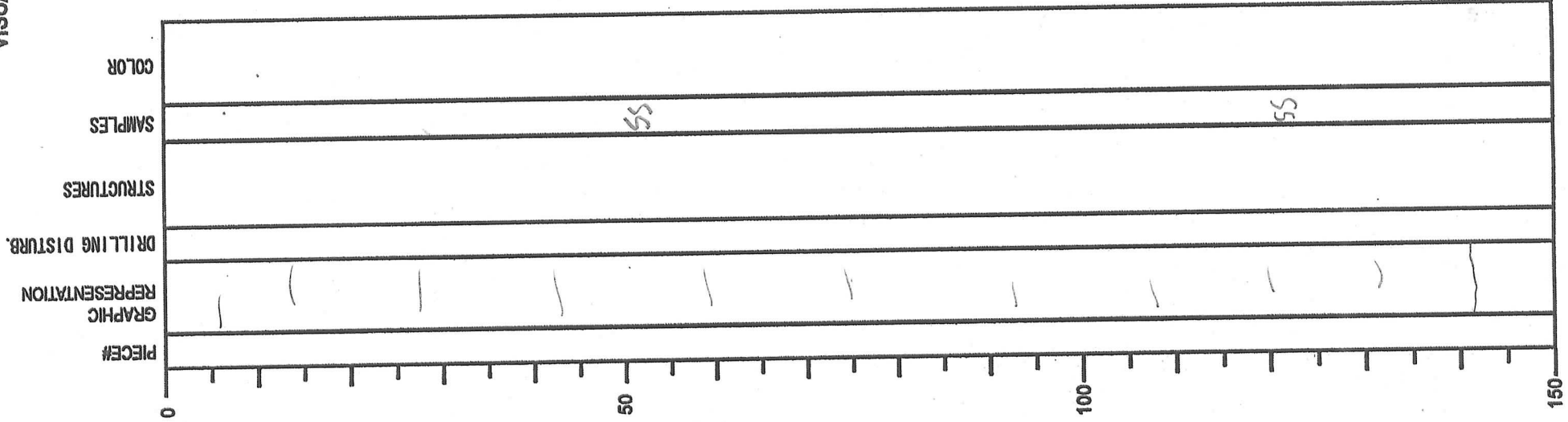
SECTION DESCRIPTION

*Dk greenish-gy silty claystone
fractured*



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 31 / 12 / 2007
EXP: 316
SITE/HOLE: C0004D
CORE: 30R
SECTION: 1
OBSERVER: CLF

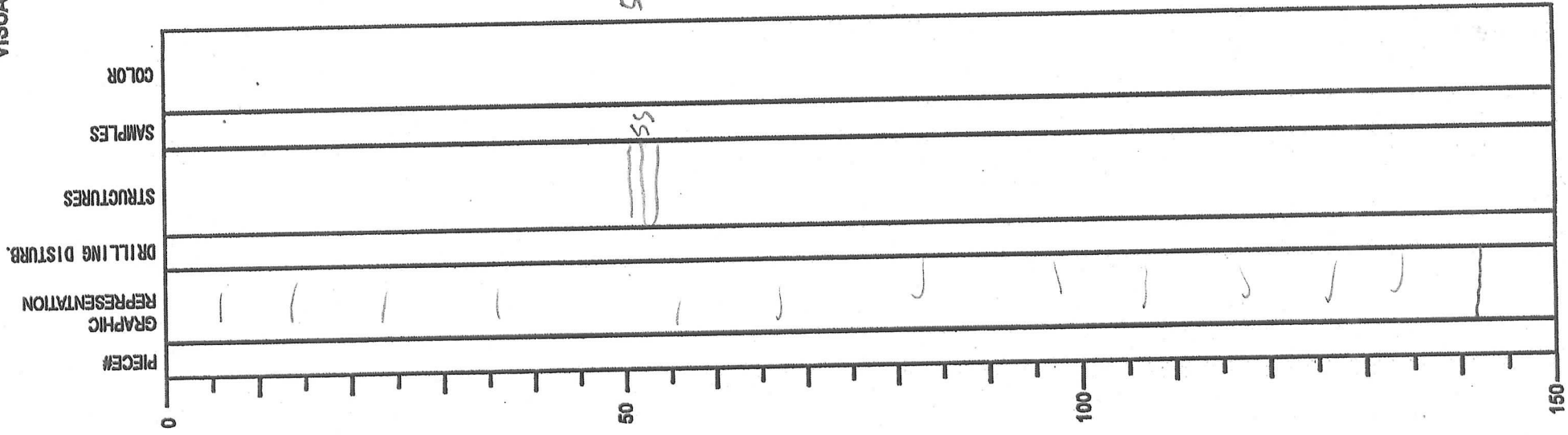


SECTION DESCRIPTION

Brecciated / fault gouge
silty claystone
(greenish-gy)

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
DATE: 31/12/20 07
EXP: 316
SITE/HOLE: C00040
CORE: 30K
SECTION: 2
OBSERVER: CLF



SECTION DESCRIPTION

Greenish gy silty claystone
Fault Breccia / gouge

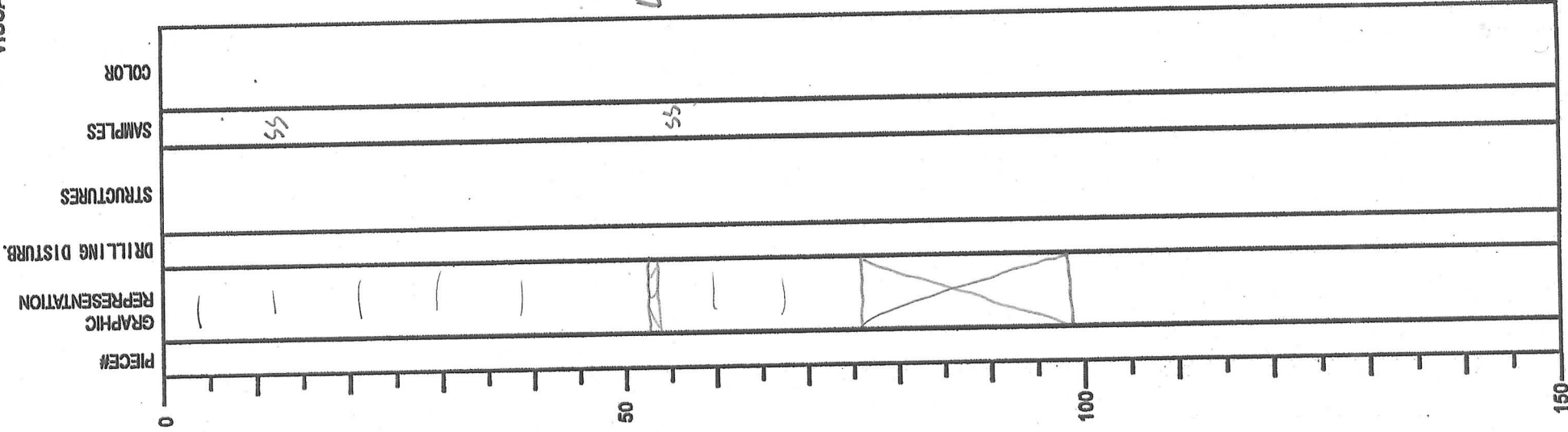
52cm color banding

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 31/12/2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 30R
 SECTION: 3
 OBSERVER: CLF

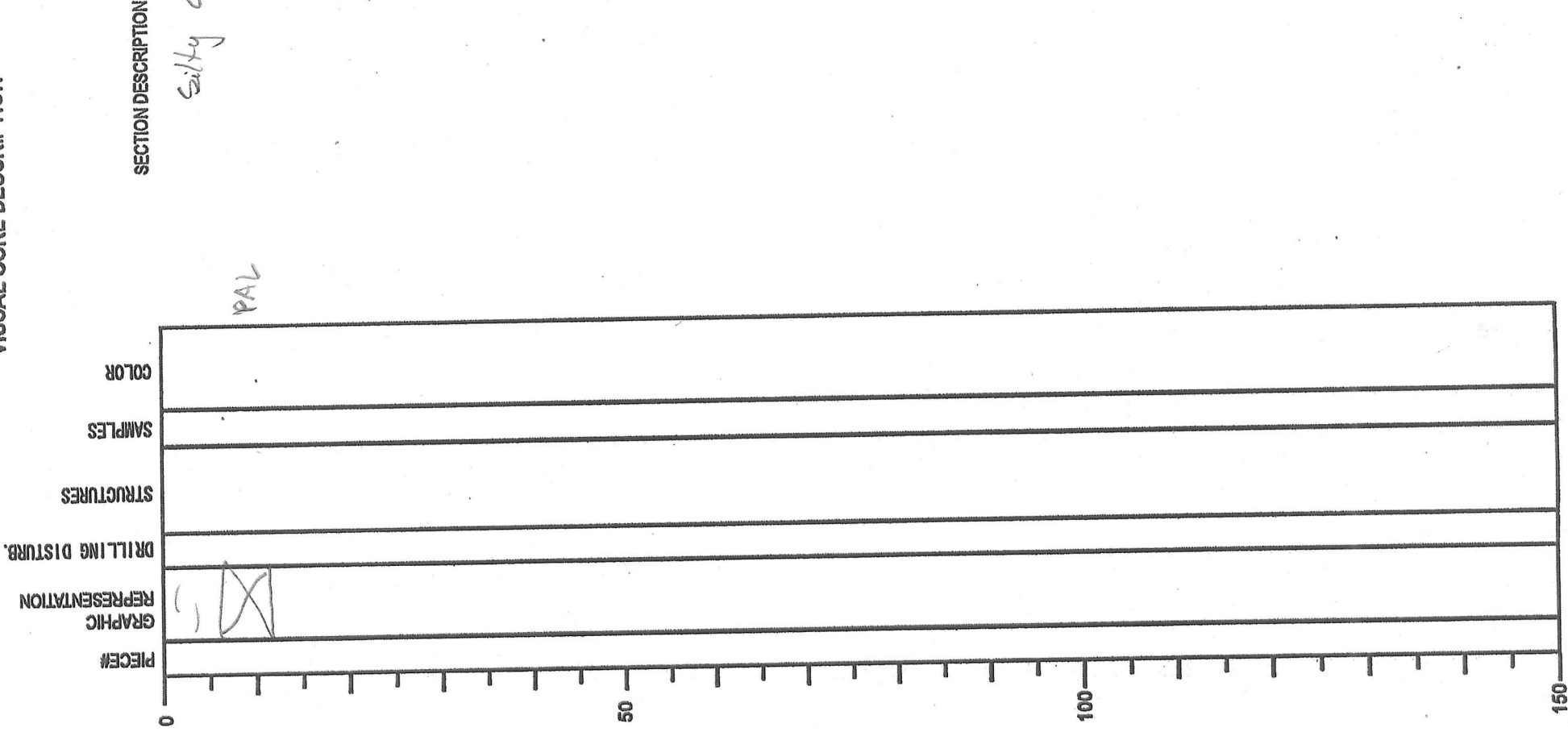
SECTION DESCRIPTION

greenish-gy silty claystone
 8-20cm color variation (mottling)
 green to brown-gy



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. 31
DATE: 31 11/21/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 30R
SECTION: CC
OBSERVER: CLF

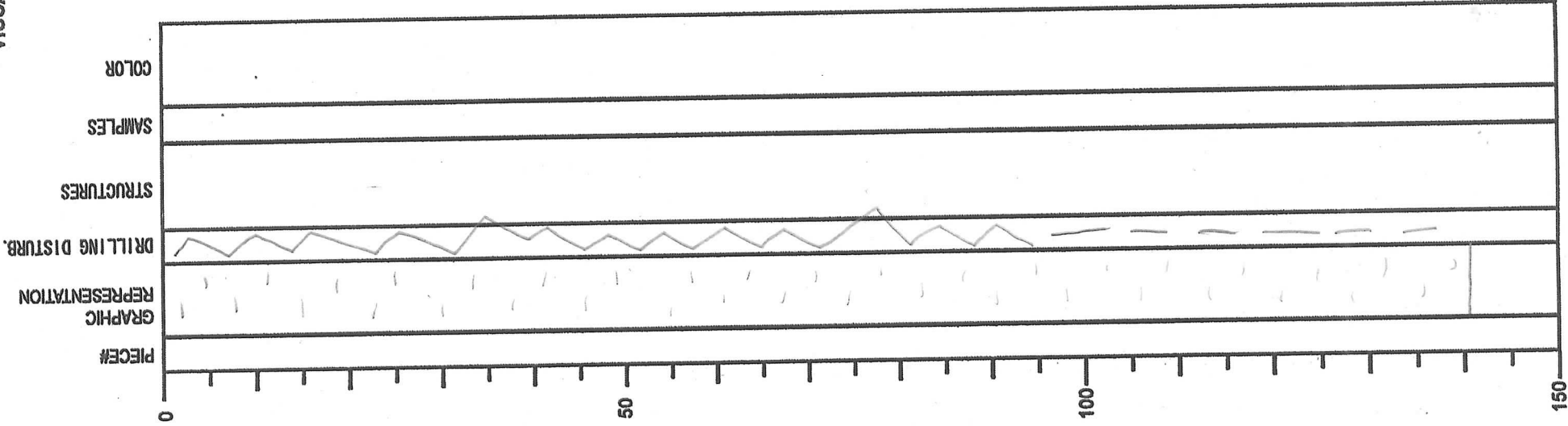


**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 26 / 12 / 2007
 EXP: 3/6
 SITE/HOLE: C 0004
 CORE: 31R
 SECTION: 1
 OBSERVER: KN

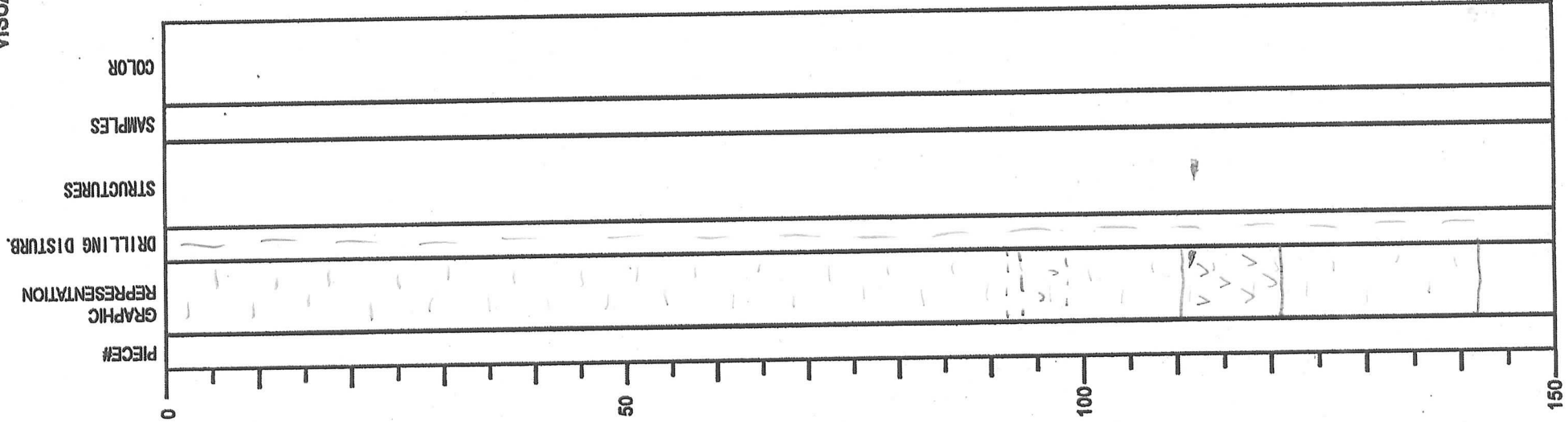
SECTION DESCRIPTION

olive grey to dark greenish-grey dyestone, brecciated into small 0.5 - 5 cm clasts = this may be a fault breccia in this case.
 patchy colour distribution in places.



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 / 12 / 20 07
 EXP: 3/6
 SITE/HOLE: C0004-B
 CORE: 31R Z
 SECTION: 7
 OBSERVER: VN



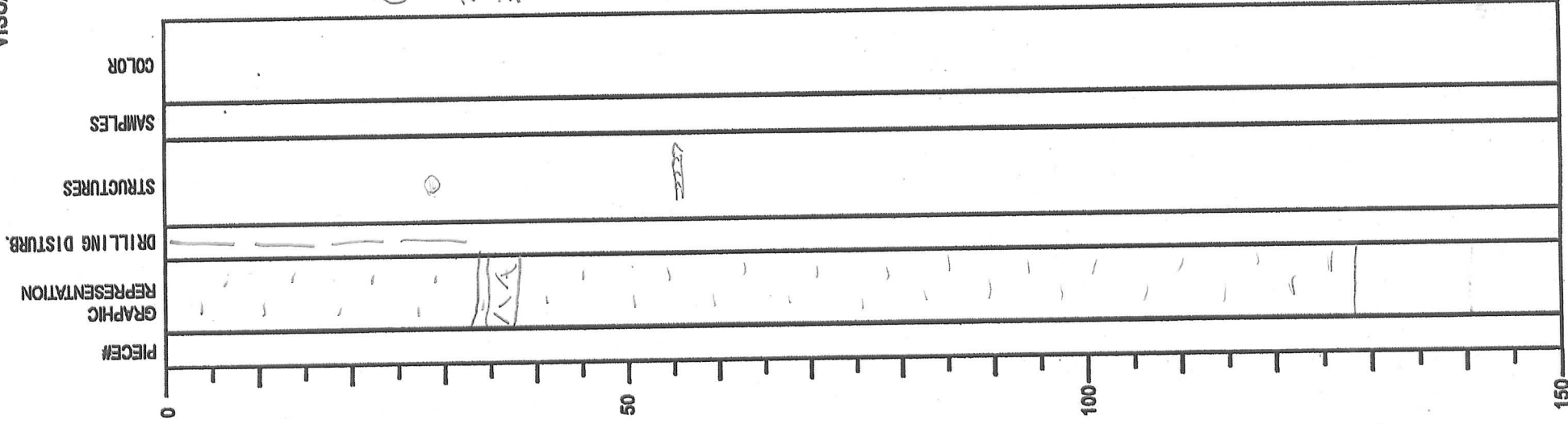
SECTION DESCRIPTION

as previous
 - same green colour banding is apparent; sometimes this appears as blocks (discontinuity) rather than coherent bedding parallel horizons
 - slickensides on some of clasts indicate that the brecciation is due to faulting, although it may be accentuated by drilling

still a high component of ash in sand
 95 cm (linear slide), along with associated green banding in core, light olive grey silty clay shales with ash component
 - thick part near top of ash. Upper boundaries of ash much less distinct than lower

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 28/12/2007
 EXP: 316 SITE/HOLE: C0004D
 CORE: 31K SECTION: 3
 OBSERVER:



SECTION DESCRIPTION

Olive-yy silty clay stone

Fault breccia

Colour banding
-10cm

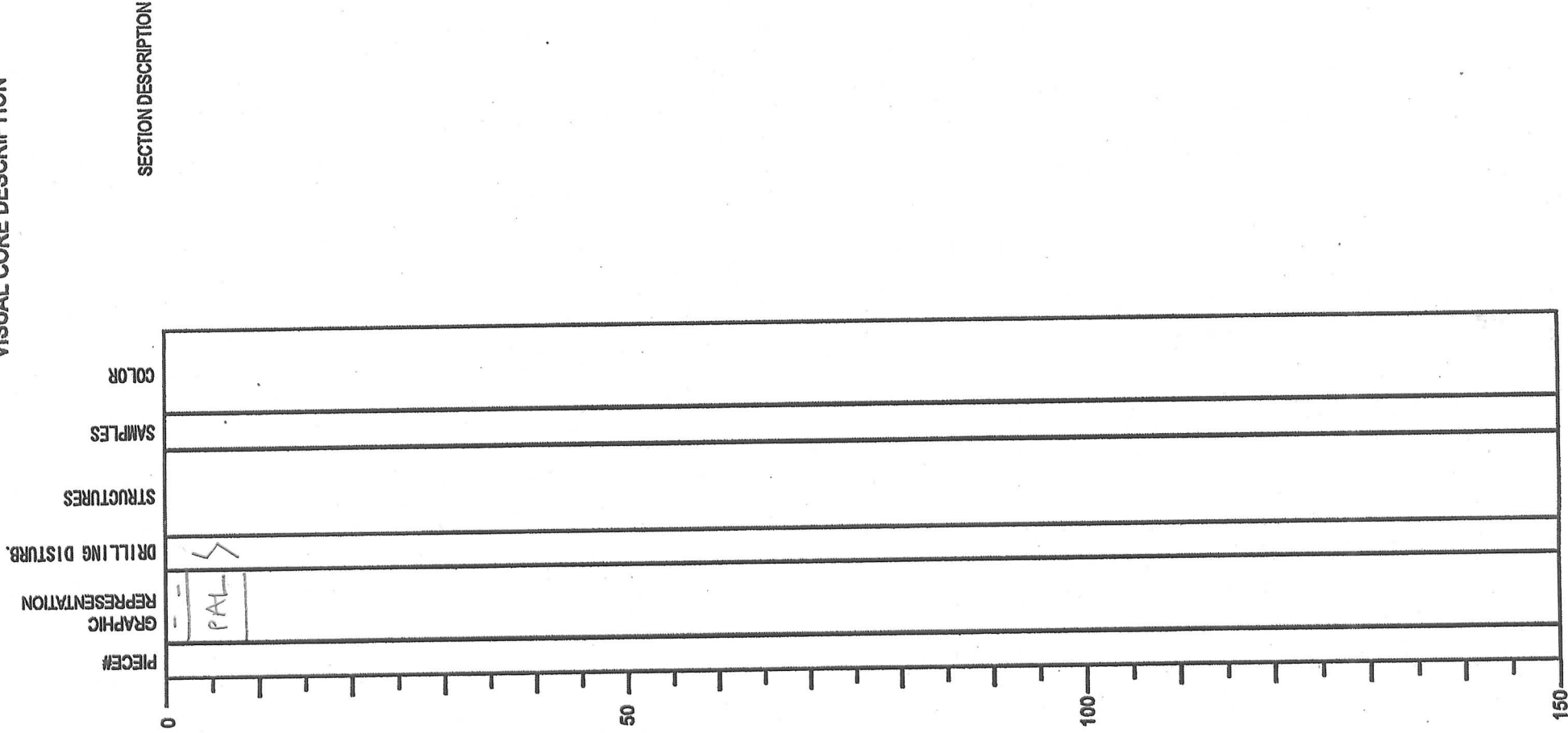
33-34cm Void

34-37.5cm Volcanic ash (gy-wh)

- Zoophy core borrow at high eye in clast within fault breccia.

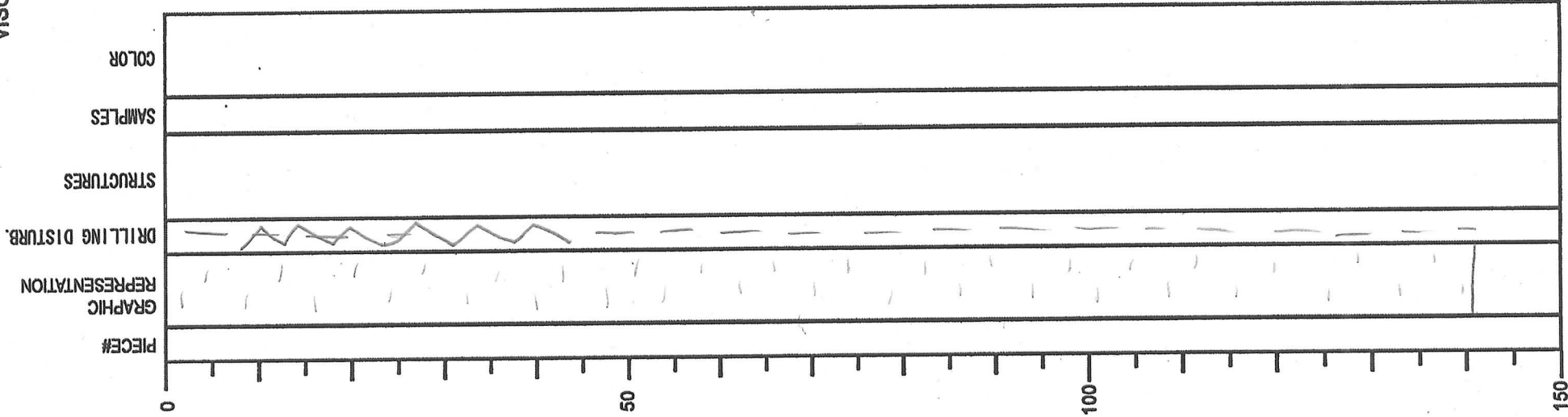
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 25 / 12 / 2007
EXP: 316
SITE/HOLE: C 00044
CORE: 31R
SECTION: A (CC)
OBSERVER: VN



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 / 12 / 2007
 EXP: 316
 SITE/HOLE: C 00041
 CORE: 32R
 SECTION: 1
 OBSERVER: UN

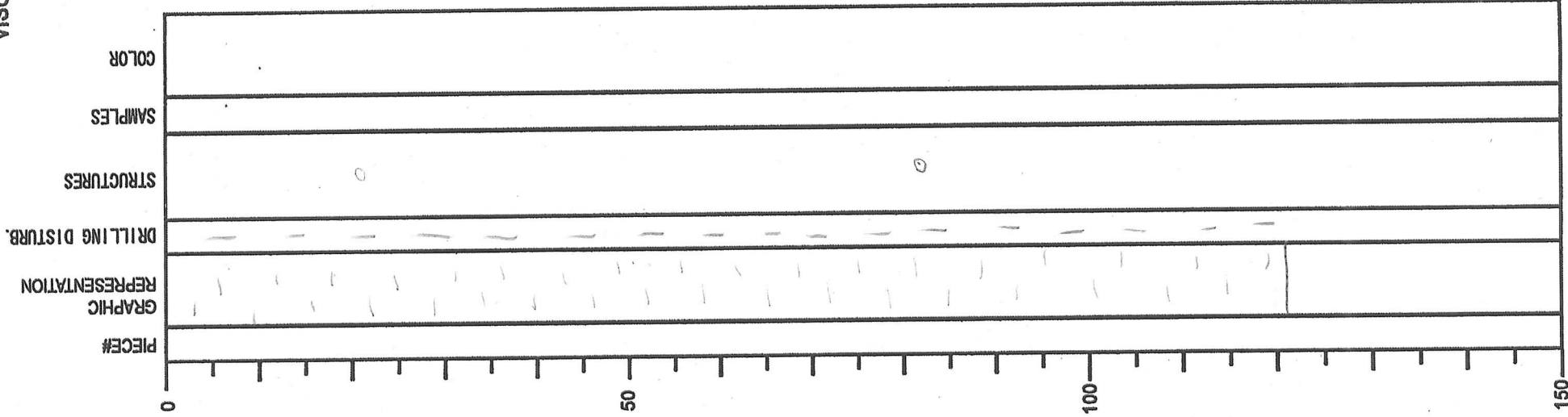


SECTION DESCRIPTION

dark greenish gray silty clay stone.
 Dispersed green grains throughout section,
 0.4-2mm wide - (SS) -
 high proportion of volcanic glass throughout
 this core, as shown by smear slides
 } 32-37cm - sheared ash horizon or large ash
 lapilli

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 / 12 / 2007
 EXP: 316
 SITE/HOLE: C0004B
 CORE: 32R
 SECTION: 2
 OBSERVER: UN



or previous

- large (>1cm) round green dust at 23cm.

- art lapilli at 85cm

green patches from 92 - base of section

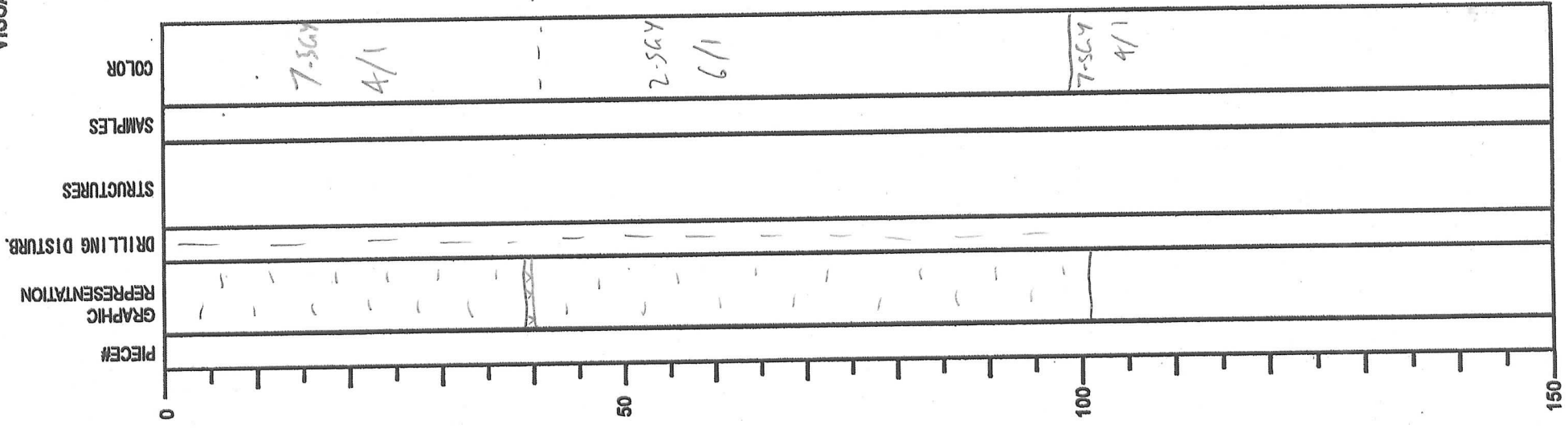
**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 / 12 / 2007
 EXP: 316
 SITE/HOLE: C 0004D
 CORE: 32A
 SECTION: 3
 OBSERVER: UN

SECTION DESCRIPTION

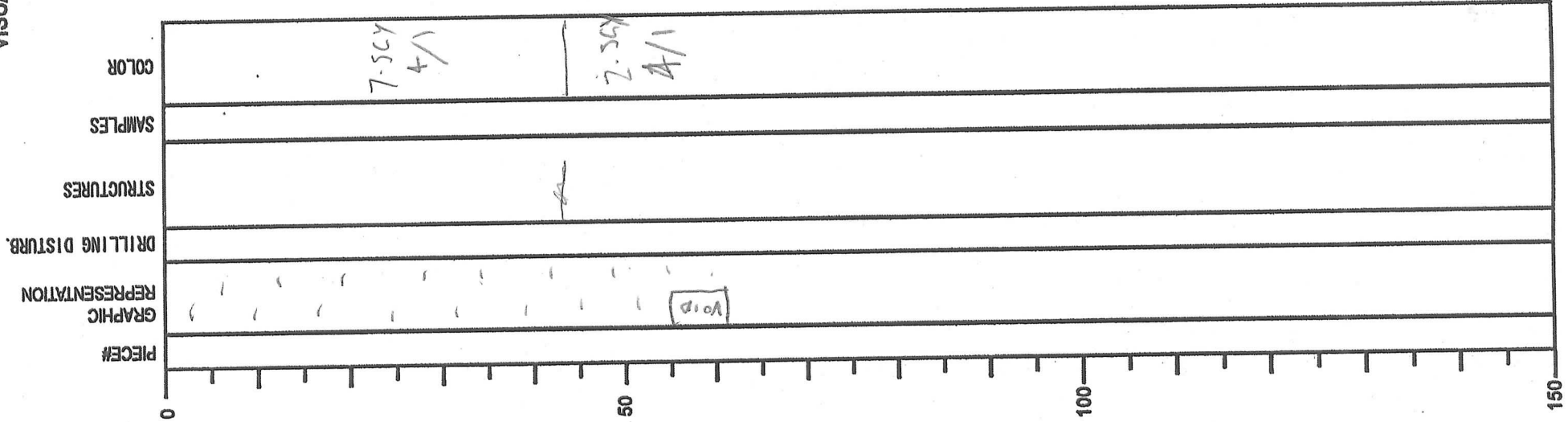
as previous - colour varies between
 dirty grey and dark greenish grey

thin ash bed (1cm) thin green band above (0.5cm)



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 2-8/12/2007
 EXP: 3/6
 SITE/HOLE: C0004A
 CORE: 32R
 SECTION: 4
 OBSERVER: MN



SECTION DESCRIPTION

no previous.

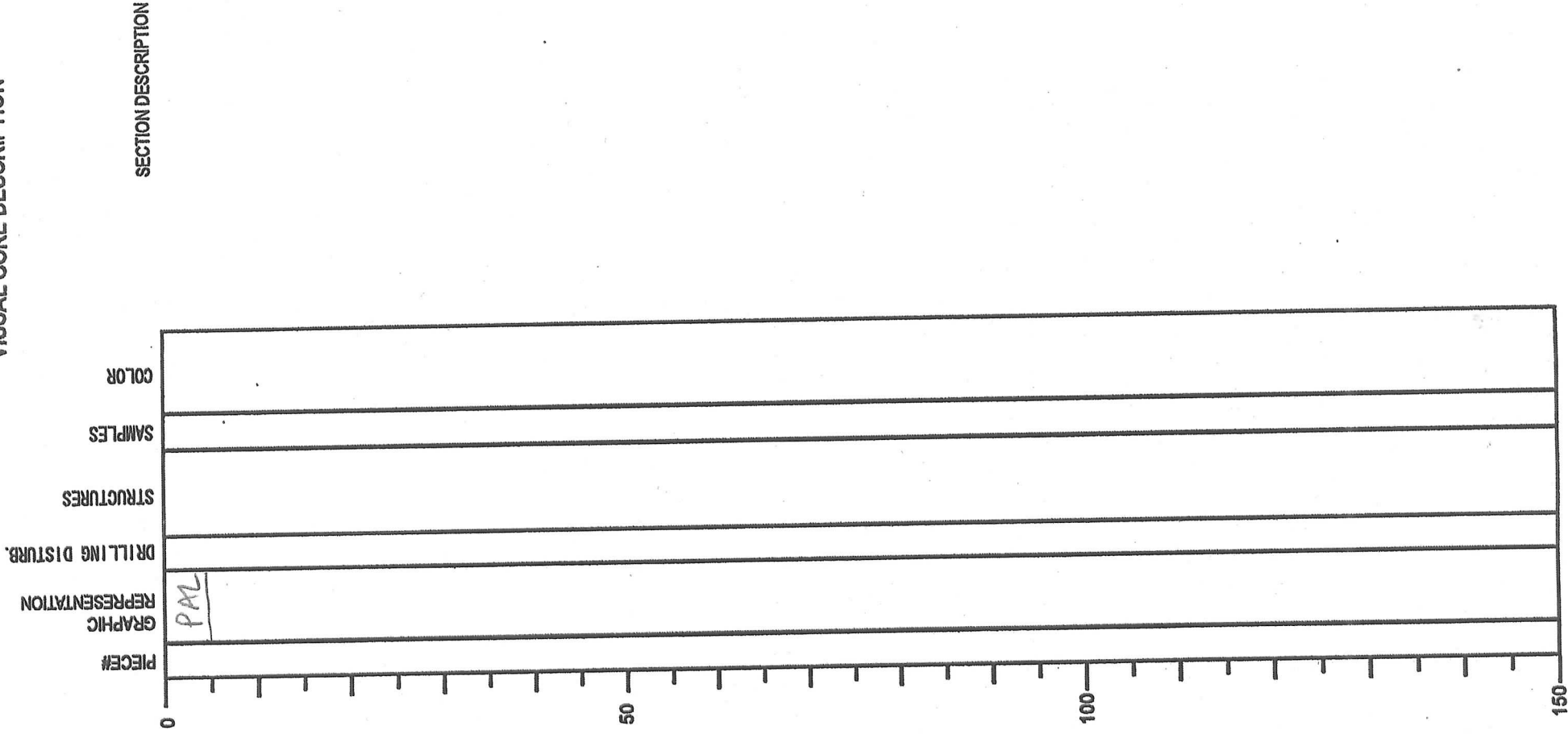
SS - ~~4~~ 33

← colour change

SS - 50

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 28 / 12 / 2007
EXP: 2/6
SITE/HOLE: C 000 4A
CORE: 32R
SECTION: 5 (CC)
OBSERVER: UN

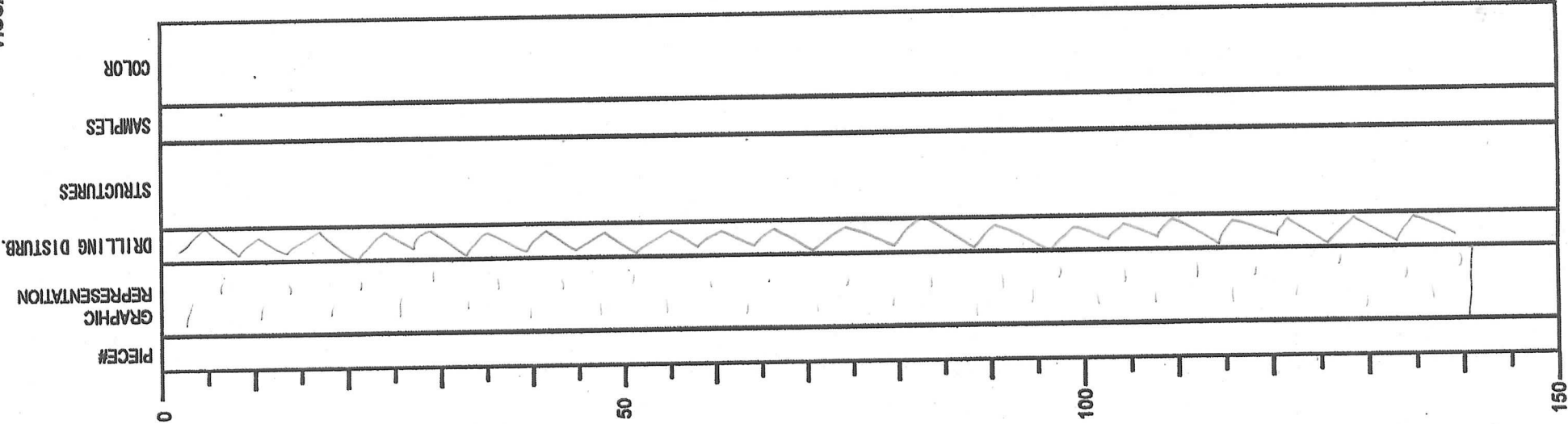


**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 25/12/2007
 EXP: 36
 SITE/HOLE: C0004B
 CORE: 33R
 SECTION: 1
 OBSERVER: UN

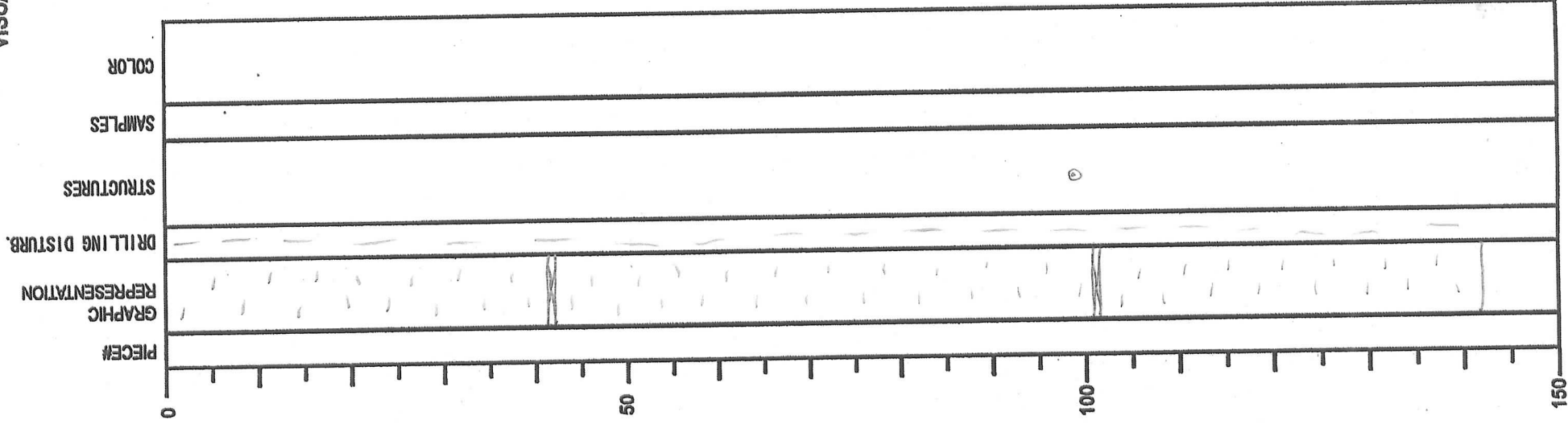
SECTION DESCRIPTION

dark olive-grey / ^{dark} greenish grey, silty claystone -
 occasional glauconite grains throughout,
 as well as green patches which are also
 probably glauconitic
 generally brecciated throughout - fault breccia



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. .
DATE: 28 / 2 / 20 07
EXP: 316
SITE/HOLE: C 0004D
CORE: JTR
SECTION: 2
OBSERVER: UN



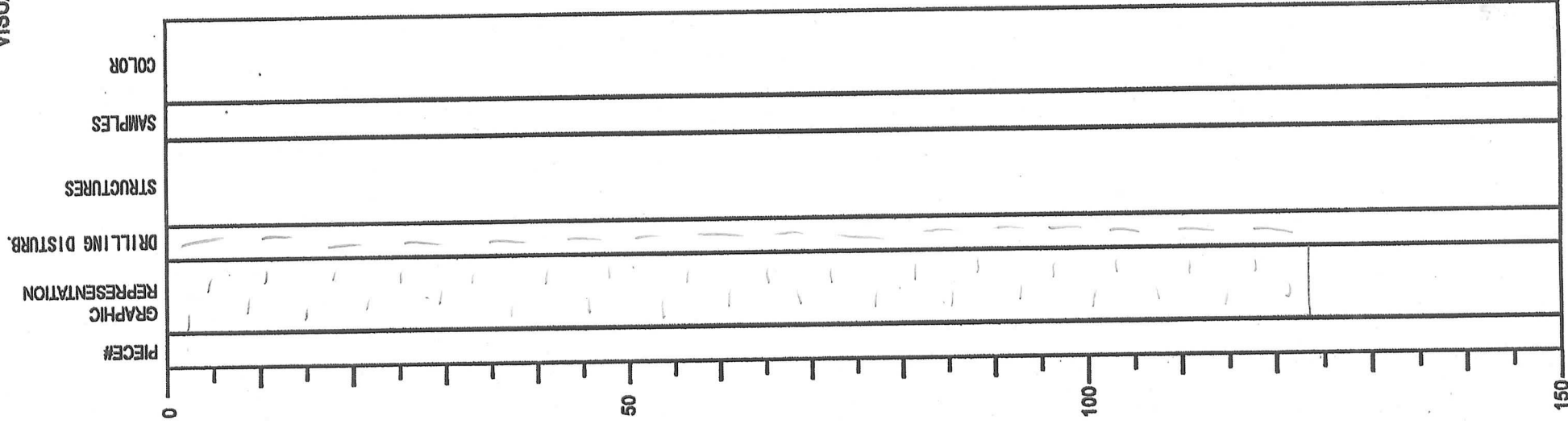
SECTION DESCRIPTION

as previous, occasional green patches

- small amt. pebbles clast

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 28 / 12 / 20 07
EXP: 366
SITE/HOLE: C 000 4P
CORE: 330
SECTION: 3
OBSERVER: VN



SECTION DESCRIPTION

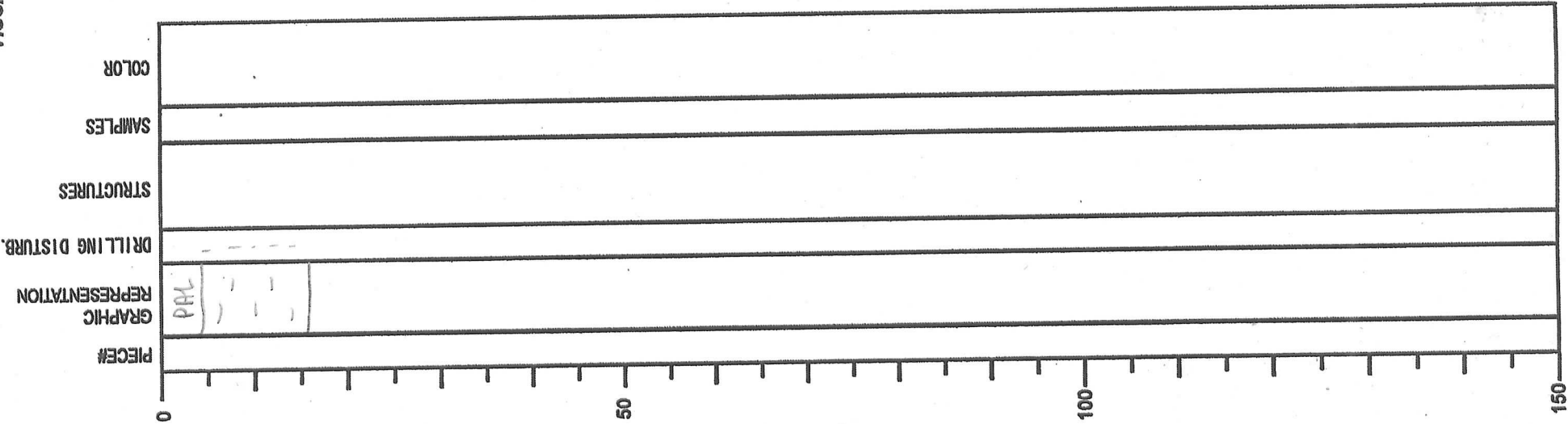
as previous:

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 / 12 / 20 07
 EXP: 3/6
 SITE/HOLE: C 000 44
 CORE: 31R
 SECTION: 4 (CC)
 OBSERVER: VN

SECTION DESCRIPTION

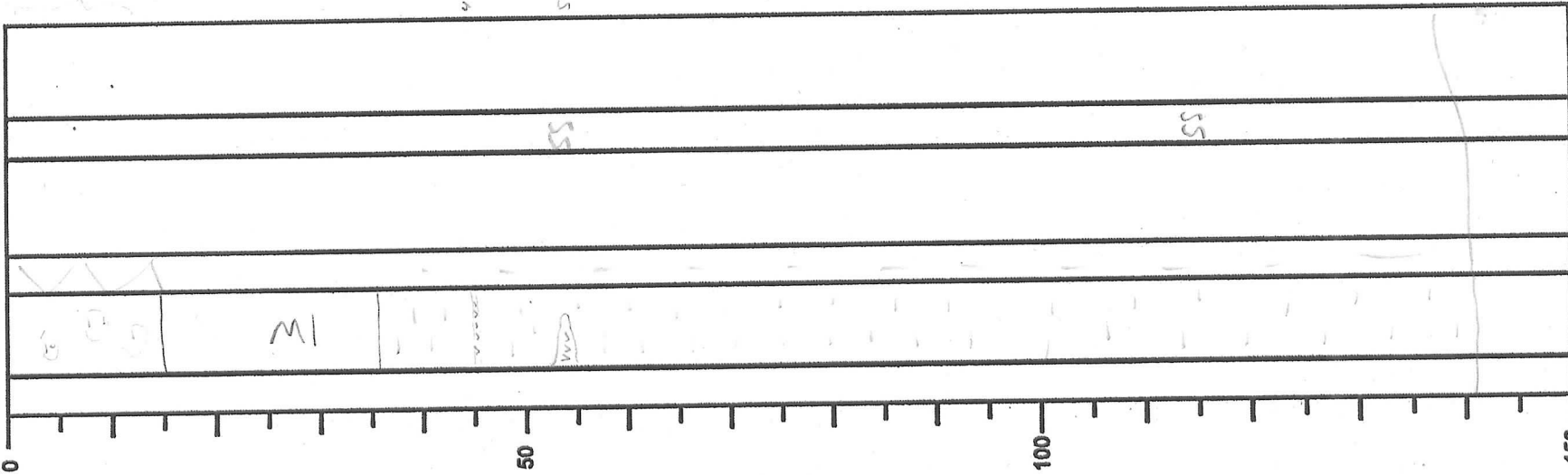
is previous
 -slightly patchy colour distribution - olive grey
 and greenish-grey.



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. DATE: 28 / 12 / 2007
 EXP: 316 SITE/HOLE: C00040
 CORE: 34 SECTION: 1
 OBSERVER: M.S.

PIECE#
 GRAPHIC REPRESENTATION
 DRILLING DISTURB.
 STRUCTURES
 SAMPLES
 COLOR



SECTION DESCRIPTION

fall in piece
 dark greenish gray silty clay stone
 generally brecciated through out \Rightarrow fault breccia
 possibly advanced due to drilling
 hard to say
 only small pieces of few cm preserved

patches of greenish colors at 62, 89-102.
 \Rightarrow glauconite?

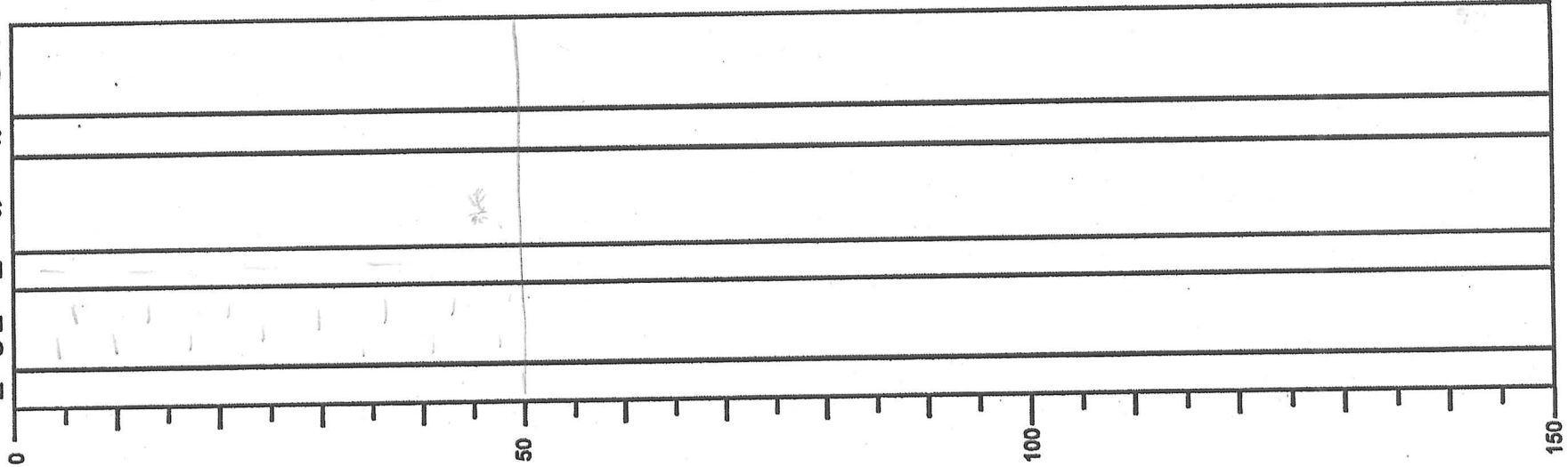
45 1mm thick fine laminae of olive gray ash
 between slightly dispersed ash
 SS-S4 patch of olive gray ash

with to now bioturbation
 identified in CT images

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. 28
 DATE: 5/16 / 12 / 2007
 EXP: 516
 SITE/HOLE: C00040
 CORE: 34R
 SECTION: 2
 OBSERVER: HS/KLM

PIECE#
 GRAPHIC REPRESENTATION
 DRILLING DISTURB.
 STRUCTURES
 SAMPLES
 COLOR



same as above

CT images show distribution

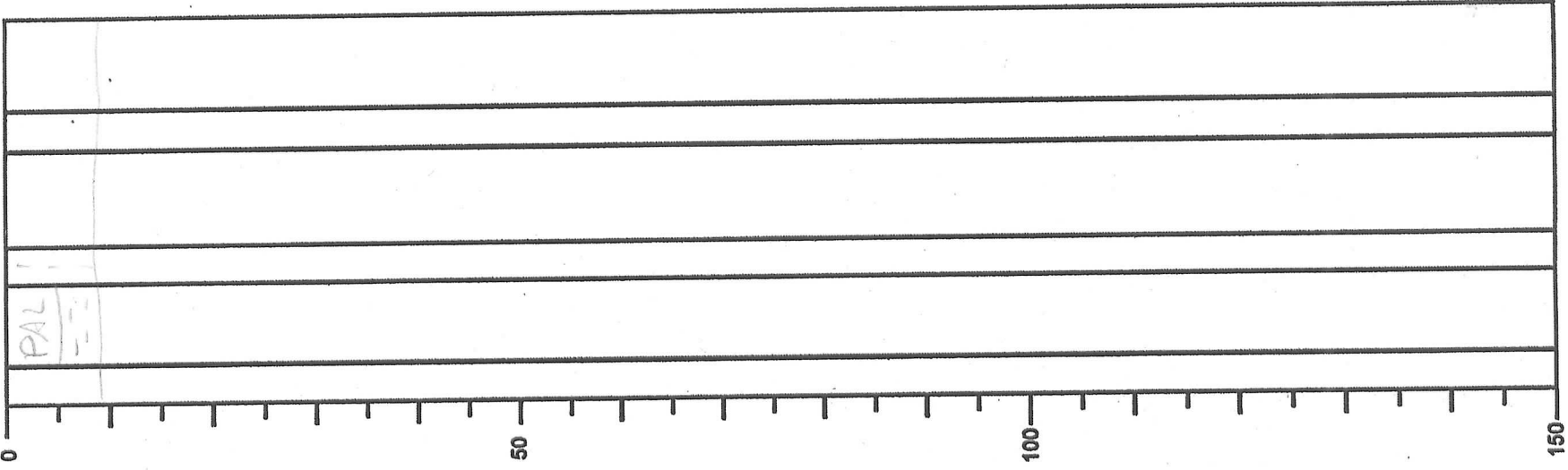
43-50 more coherent pieces showing chondrites and greenish color matrix (magnetite)

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 2007/18/20
EXP: 316
SITE/HOLE: C00040
CORE: 340
SECTION: CC
OBSERVER: MS/KRM

PIECE# _____
GRAPHIC REPRESENTATION _____
DRILLING DISTURB. _____
STRUCTURES _____
SAMPLES _____
COLOR _____

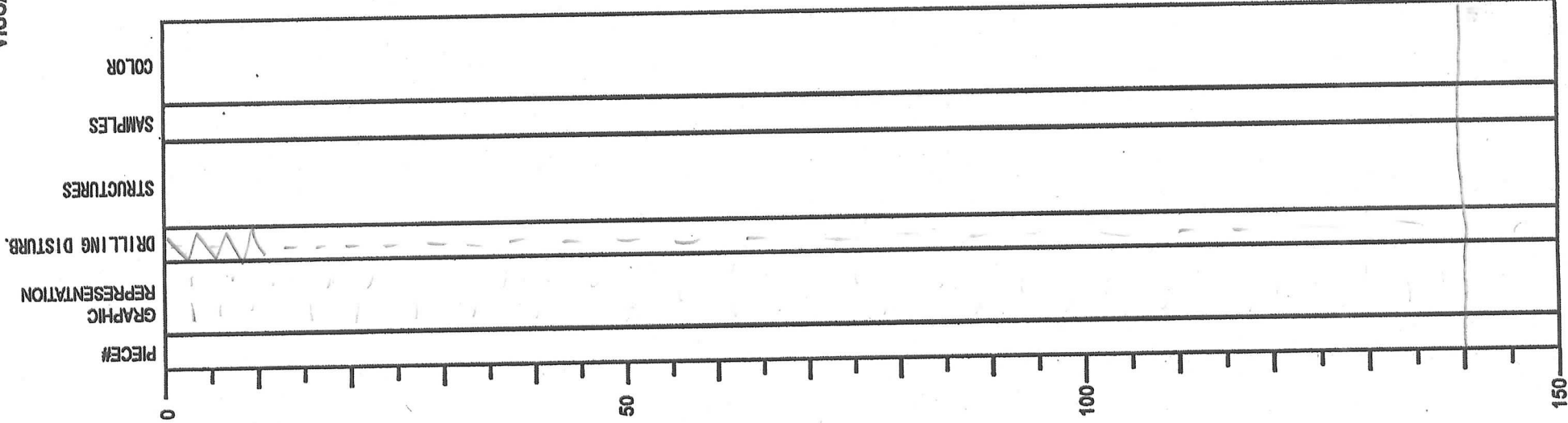
SECTION DESCRIPTION



as above

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 1 / 20
 EXP: 316
 SITE/HOLE: C00040
 CORE: 36R
 SECTION: 1
 OBSERVER: MS/KJM

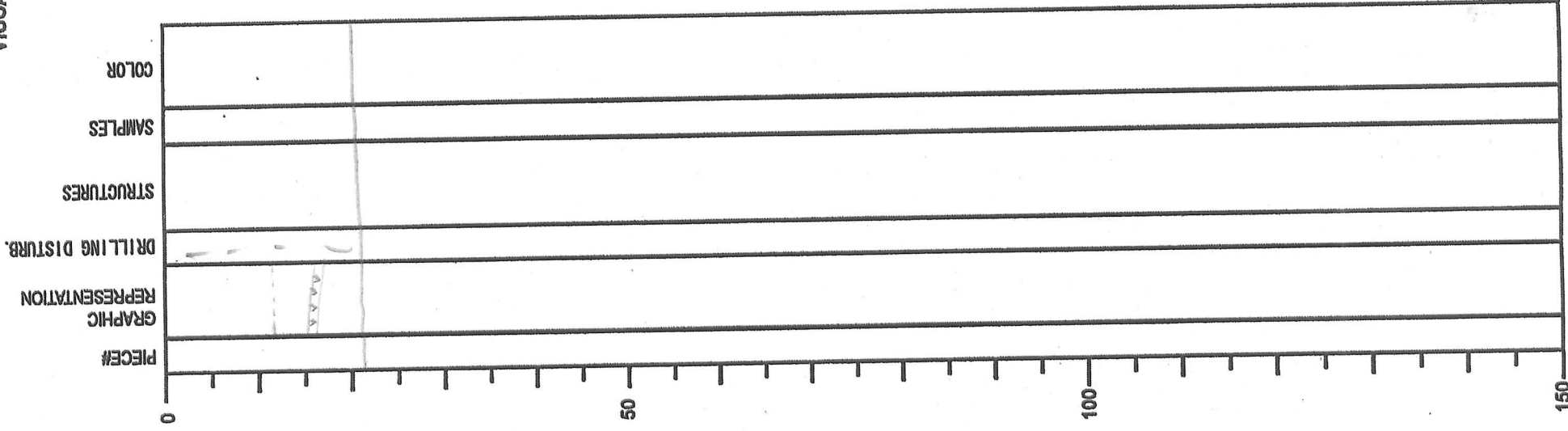


SECTION DESCRIPTION

dark greenish gray silty claystone
 fractured in mostly small white pieces
 of a 0.5-1cm scale
 intervals of more coherent pieces e.g.
 with chert contacts
 28-33
 39-41
 appears to be silty coarser
 ss however show the same
 silty clay
 slight change in color here ~ 130 cm
 from dark greenish to dark olive gray
 => dispersed Ash?
 => greenish mottling throughout
 => Glauconite

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 28 / 12 / 20 07
DATE: 28 / 12 / 20 07
EXP: 310
SITE/HOLE: 3
CORE: 000040 35E
SECTION: 2
OBSERVER: NS / KUM

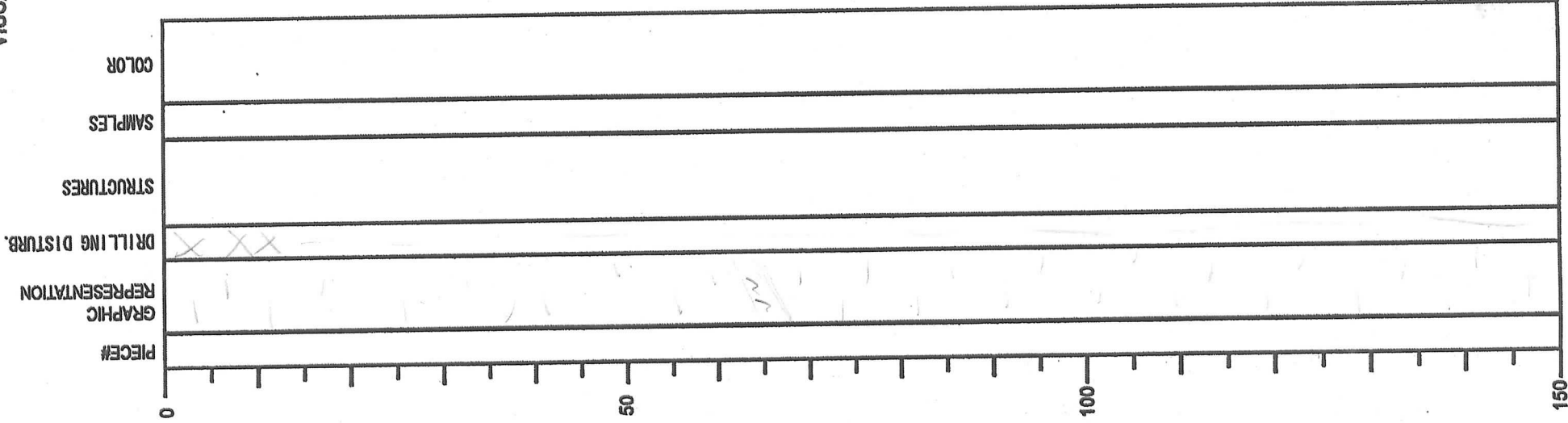


SECTION DESCRIPTION

at above
with the first occurrence
of
BASALTIC ASH
at 15cm

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 29 / 12 / 2007
 EXP: 316
 SITE/HOLE: C000410
 CORE: 36R
 SECTION: 1
 OBSERVER: _____



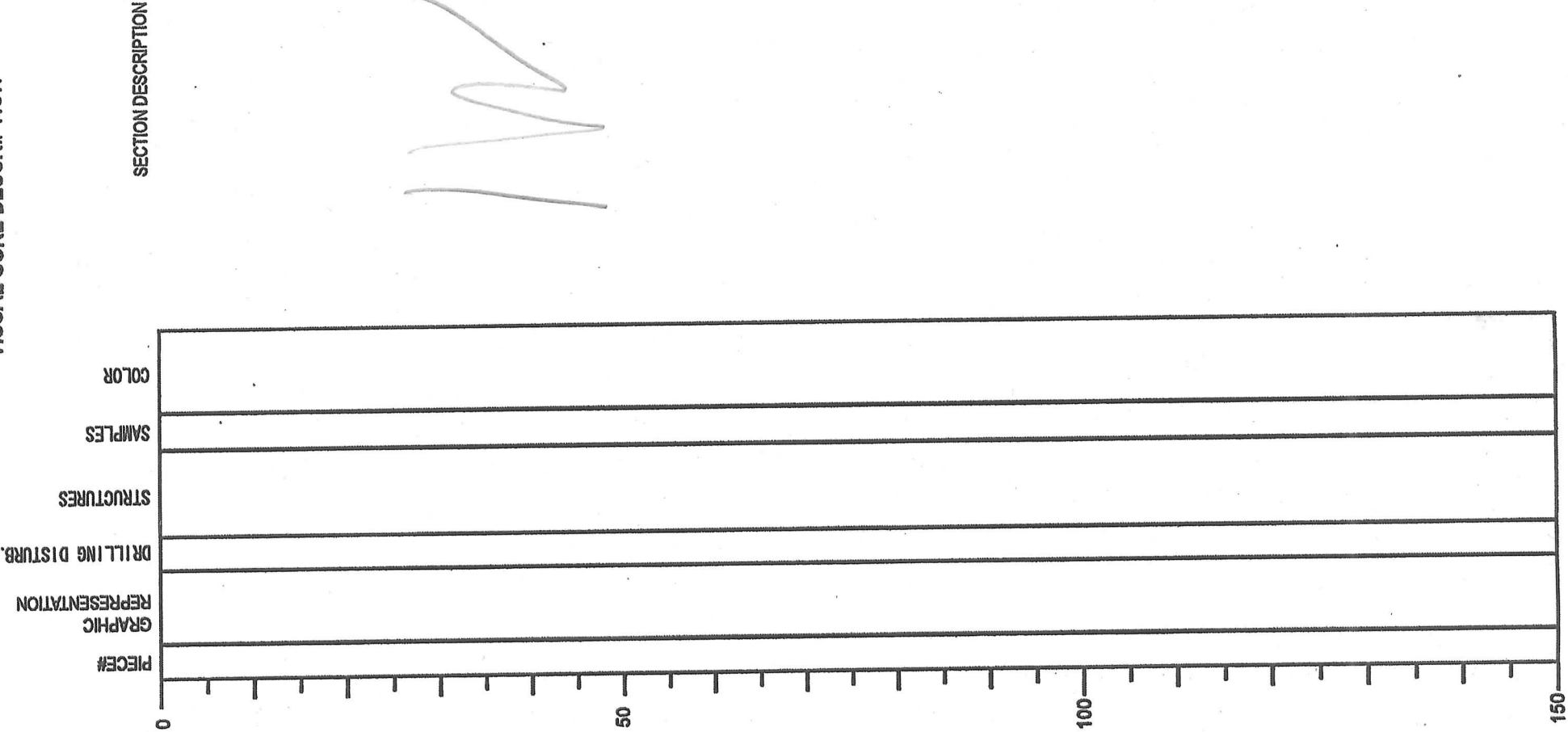
SECTION DESCRIPTION

36 dark greenish gray sly mudstone
 fractured in molty small white pieces chips
 some greenish areas with milky and
 potentially glauconite
 64-68 ~~5~~ very fine grained
 not fractured
 => dispersed Ash

dispersed Ash

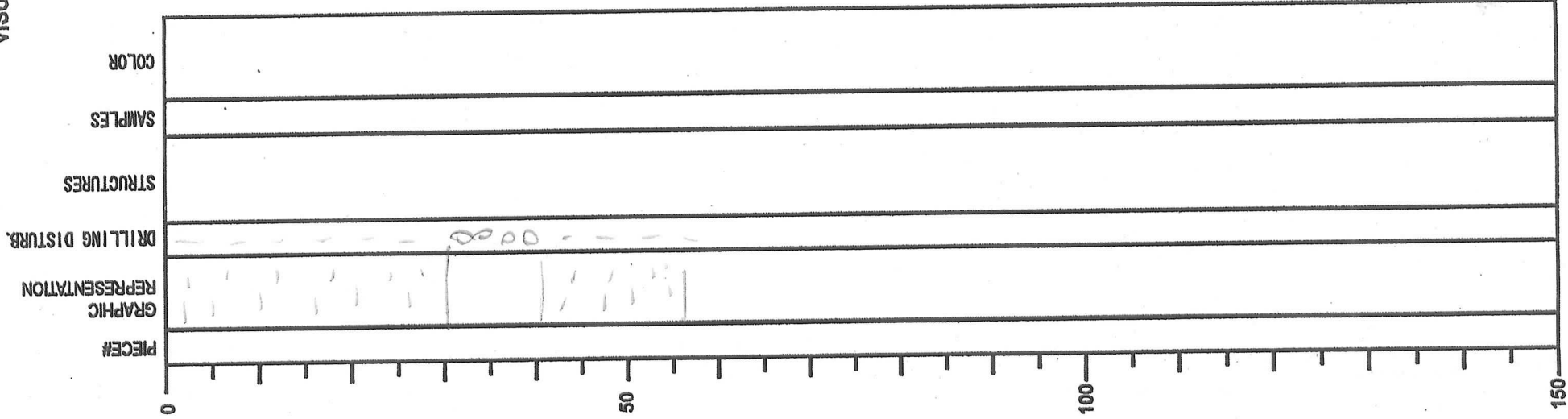
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: / / 20
EXP: _____
SITE/HOLE: _____
CORE: 36R
SECTION: 2
OBSERVER: _____



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 28 / 11 / 20 07
EXP: 316
SITE/HOLE: C0004 ~~2~~ 0
CORE: 36R
SECTION: 3
OBSERVER: M.S



SECTION DESCRIPTION

data as above
sonpy =>
between 30 and 40cm

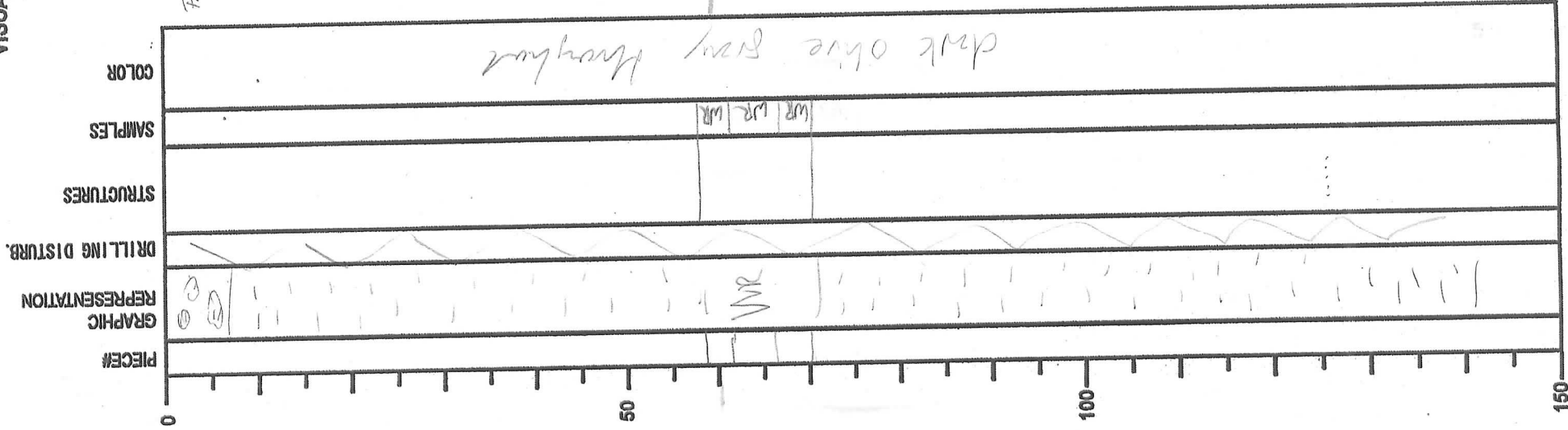
**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. 1
DATE: 11/2008
EXP: 316
SITE/HOLE: C0004D
CORE: 37R
SECTION: 1
OBSERVER: MS/KCM

SECTION DESCRIPTION

Full in pieces one beddy black and hard encrusted?
(=mudstone bank)

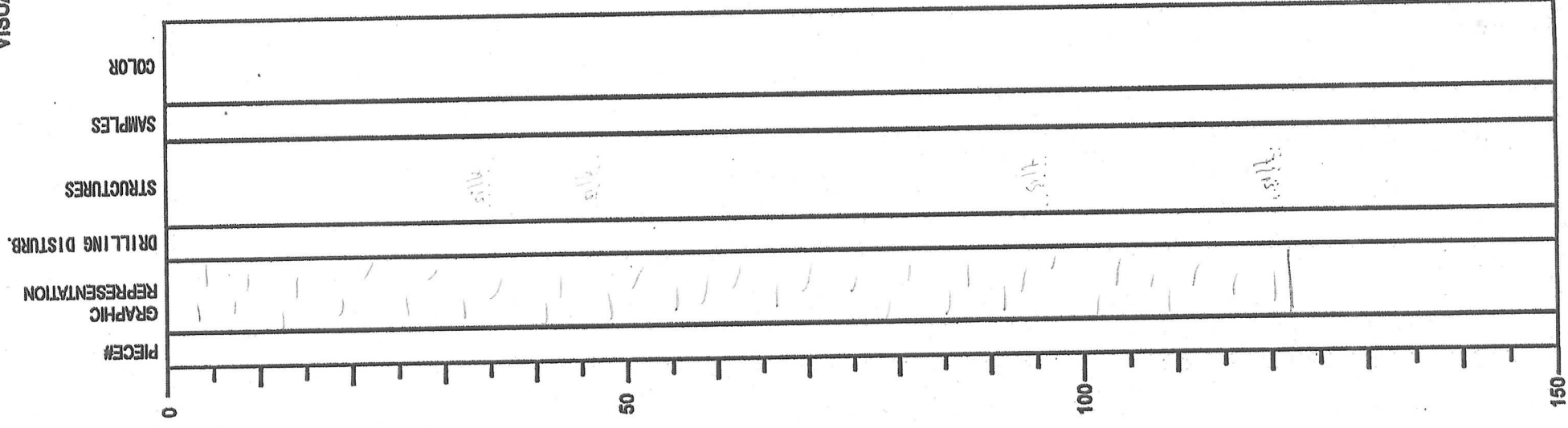
dark olive gray silty claystone
mostly, occurring in small chips
(subparallel fissility)



126. New thick silt laminae within a more coherent piece lacking subparallel fissility

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 2
DATE: 11/20/08
EXP: 316
SITE/HOLE: C0004P
CORE: 37R
SECTION: 2
OBSERVER: MS/KUM



SECTION DESCRIPTION

dark olive gray silty clay stone
~~stone~~ less broken up in small pieces
 and generally appearing shifty coarser
 (silty)
 subparallel shifty more coherent in 1
 cm thick intervals at ~ 54
 47
 36

pieces of more silty silty clay with sand
 in the lower most part of the section

shifty more lightes dark olive gray
 interval ~ 20 - 30cm

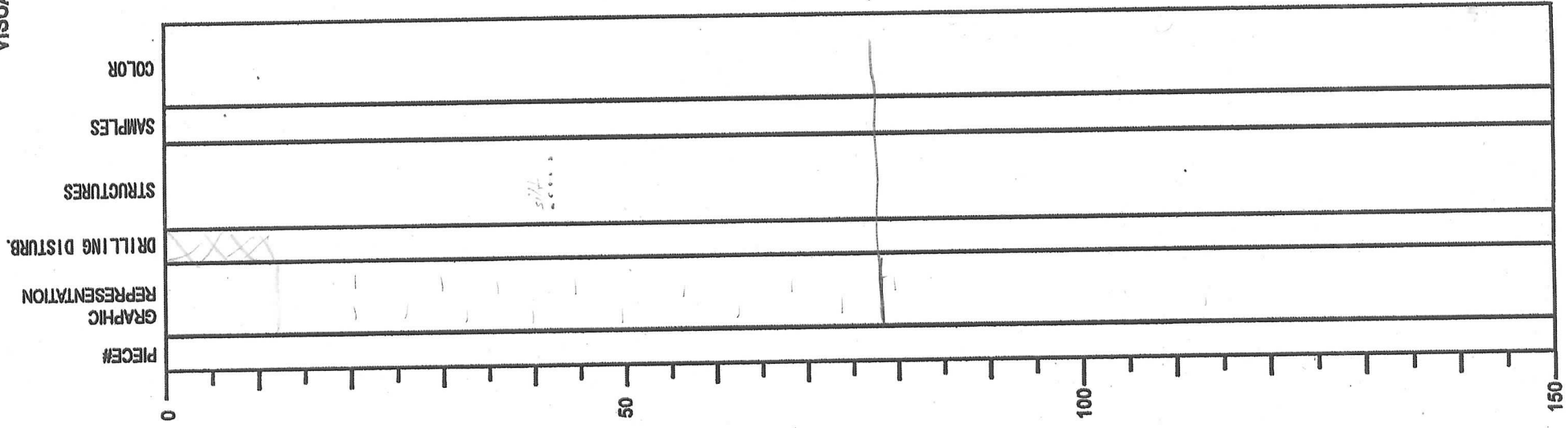
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. 28 / 12 / 2007
DATE: 28 / 12 / 2007
EXP: 316
SITE/HOLE: C0004/D
CORE: 28R
SECTION: 1
OBSERVER:

SECTION DESCRIPTION

dark greenish to olive gray ^{silly} claystone
with more coherent pieces that appear
to be slightly coarse ^{subparallel}
and interval ~~with~~ showing possibly within
claystone

coherent intervals 26 - 22
42 - 46 silt with sand
48 - 52
reminds me to what we have
seen in 39

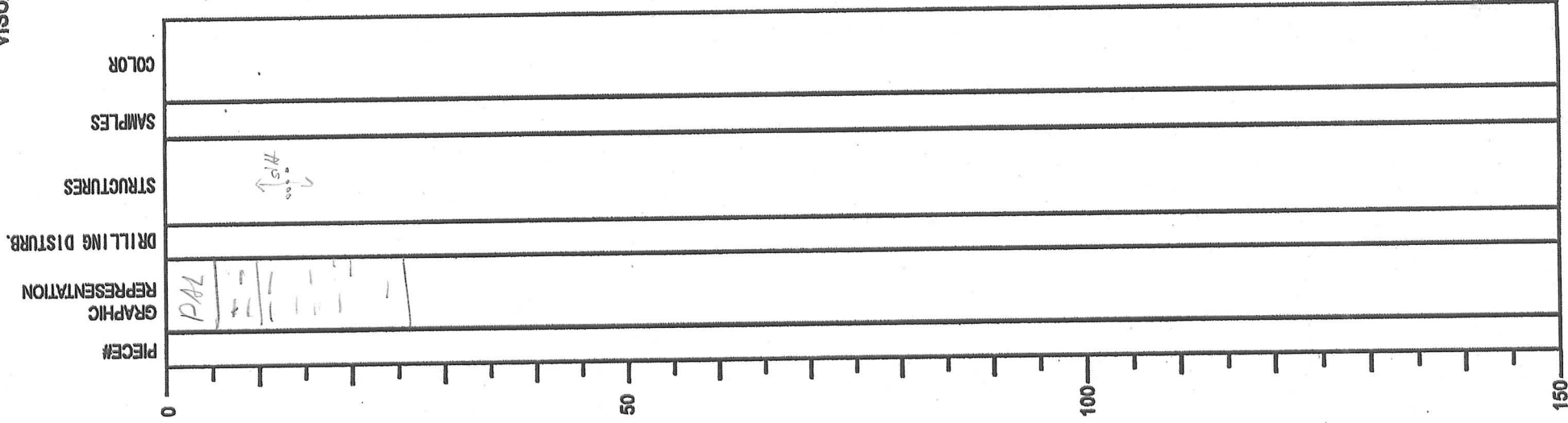


**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 20 / 12 / 2007
 EXP: 316
 SITE/HOLE: C00041D
 CORE: CR
 SECTION: CC
 OBSERVER: T.S / KUM

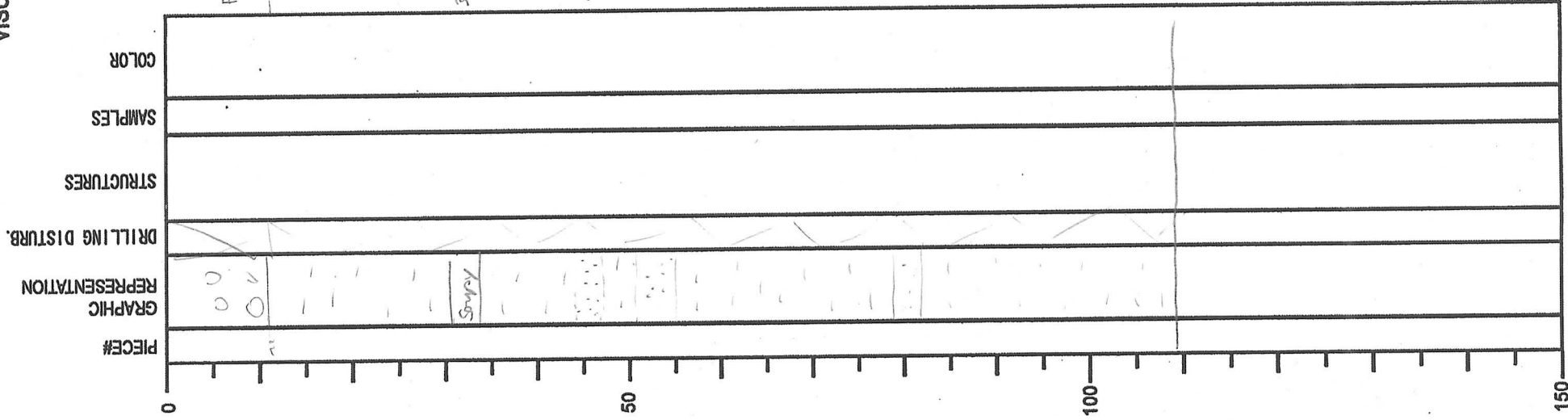
SECTION DESCRIPTION

dark olive gray silty clay stone
 slightly more silty with sand
 between 10 - 17 cm



INTEGRATED OCEAN DRILLIGN PROGRAM VISUAL CORE DESCRIPTION

NO. _____
 DATE: 1 / 20
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 39R
 SECTION: 1
 OBSERVER: MS / ALM



SECTION DESCRIPTION

general lithology:
 dark greenish gray silty clay
 with intervals of silty clays with sand
 and fine sandy silt layers
 more coherent and competent pieces
 mostly are silty clay to clayey silts with sand

Fine pieces

31-34 washed out ? sand?

42-45 more competent silty sand layer

51-54 " "

78-81 " "

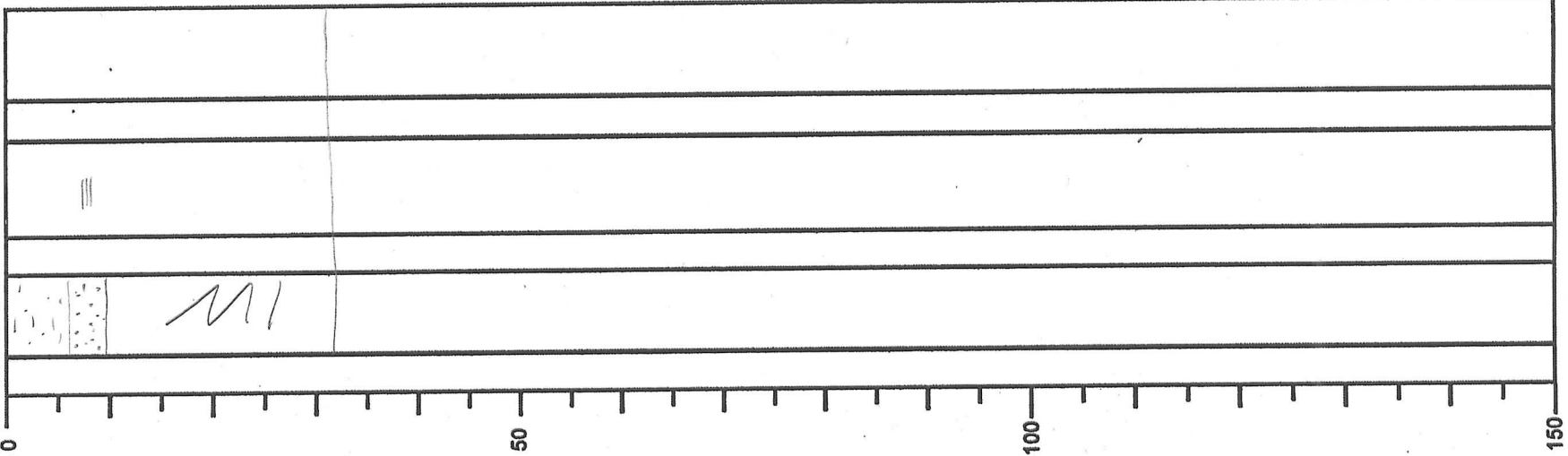
85 white spots \circ \Rightarrow sponge spicules filled borrows?

102

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 2 / 1 / 20
 EXP: 316
 SITE/HOLE: _____
 CORE: 39R
 SECTION: 2
 OBSERVER: MS / ELM

SECTION DESCRIPTION



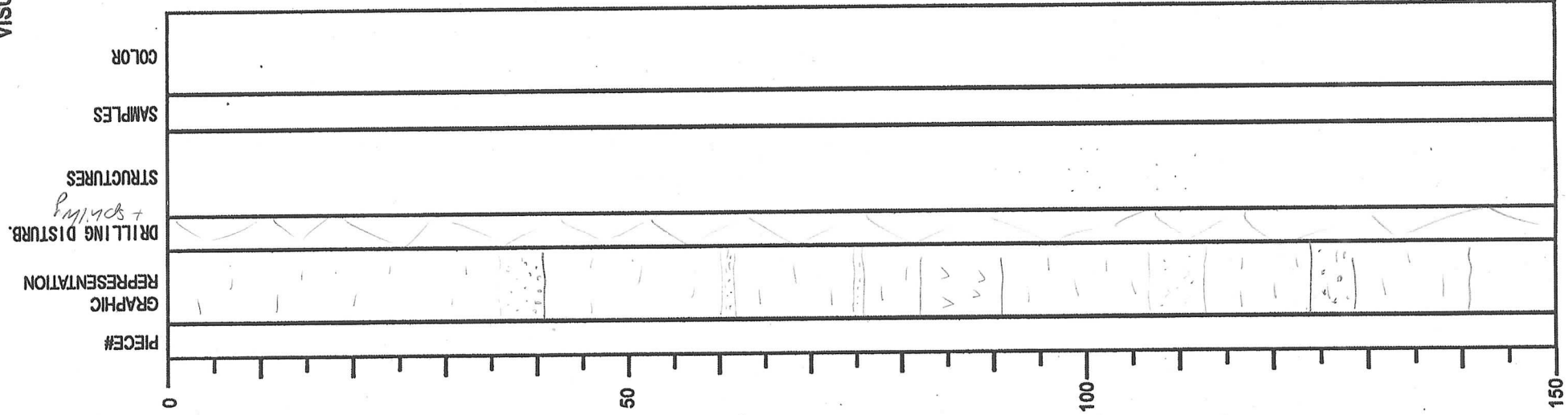
silt with sand
 6-9 silty sand layer with sub horizontal parallel laminae
 (shaly laminae coarser (fine sand) and siltier laminae
 silt with sand)

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 27-12-2007
 EXP: 316
 SITE/HOLE: C000410
 CORE: 39R
 SECTION: 3
 OBSERVER: _____

SECTION DESCRIPTION

dark olive gray silty clays¹⁰
 with intervals of silty clays with sand



81-93 olive gray Ash

dispersed sand

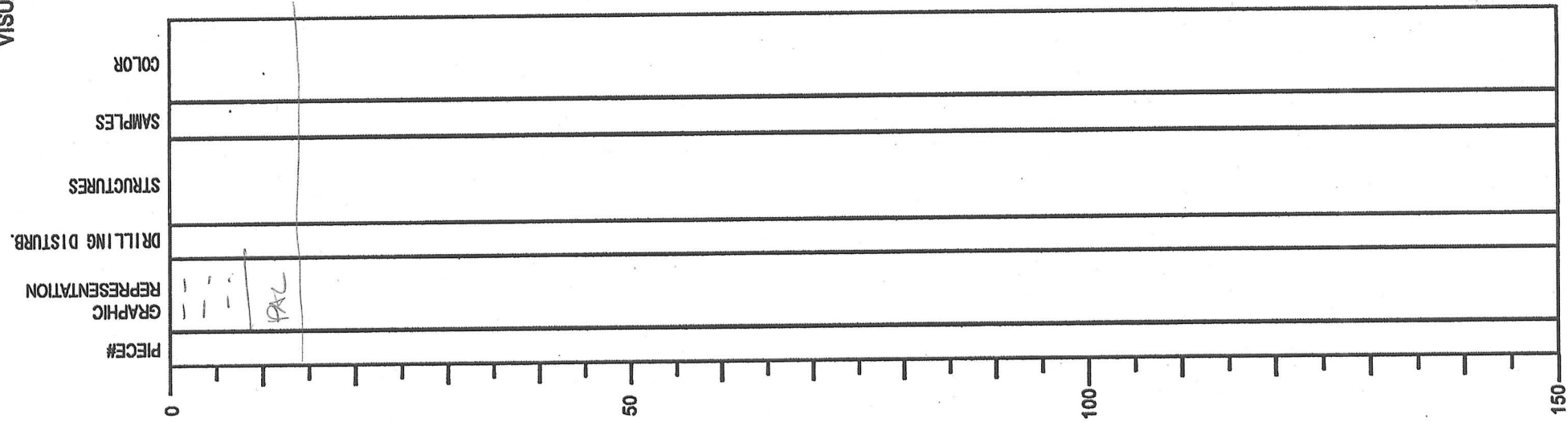
107-1103 olive gray + sandy => dispersed ash and sand?

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 7/17/20 02.
EXP: 316
SITE/HOLE: C0004D
CORE: 39R
SECTION: CC
OBSERVER: TJS / KLM

SECTION DESCRIPTION

d. olive gray silty clay with  sponge spicules
barren



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

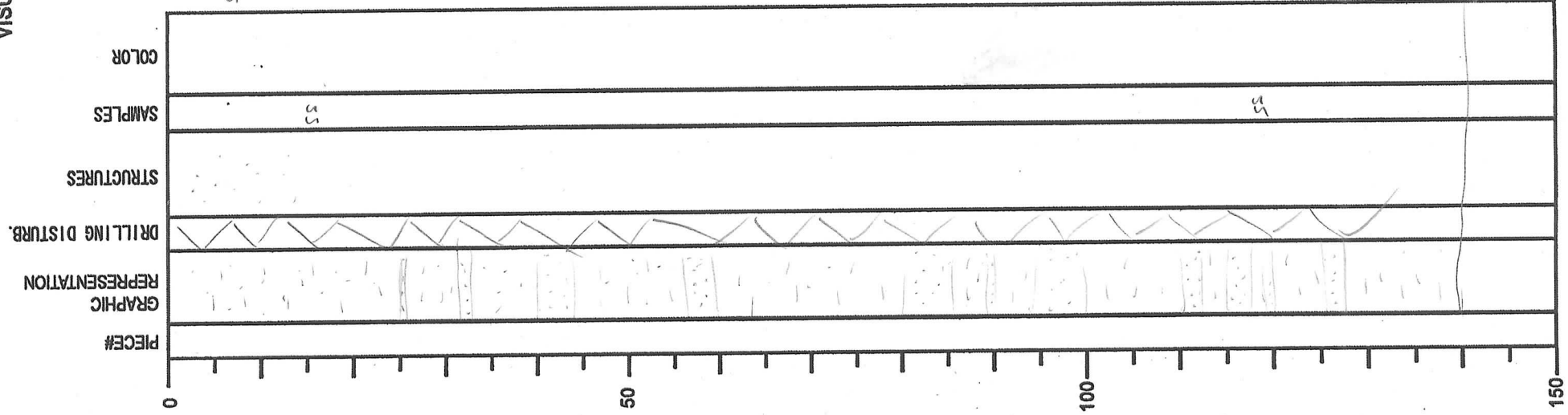
NO. _____
 DATE: 27 / 11 / 2007
 EXP: 3tb
 SITE/HOLE: C00040
 CORE: 40R
 SECTION: 7
 OBSERVER: N.S / KLM

SECTION DESCRIPTION

dark olive gray silty clay with intervals of
 silty clay with subequal sandy silt/heavily drilling disturbed
 mud soupy in the upper 50cm
 => the more coherent and competent
 pieces are mostly + structureless
 silty clay with sand or clayey silts with sand
 some fine darker layers are coarser and are
 sandy silts
 => reindicions throughout the core

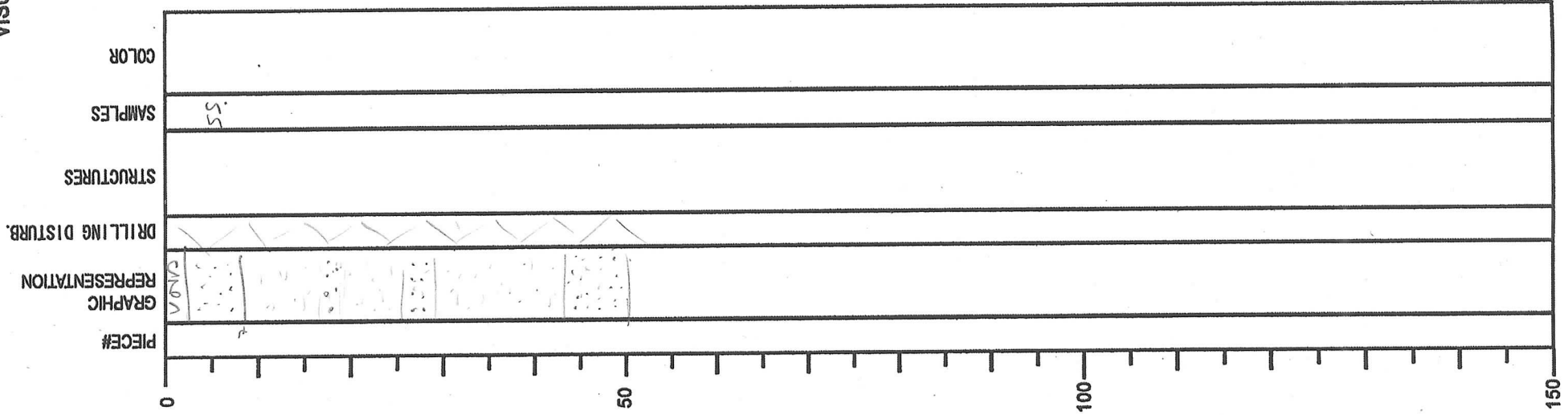
25
 30-32

HN was present as observed in WH



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 7/17/2007
EXP: 316
SITE/HOLE: C0004
CORE: 40R
SECTION: 2
OBSERVER: M.S / KLP

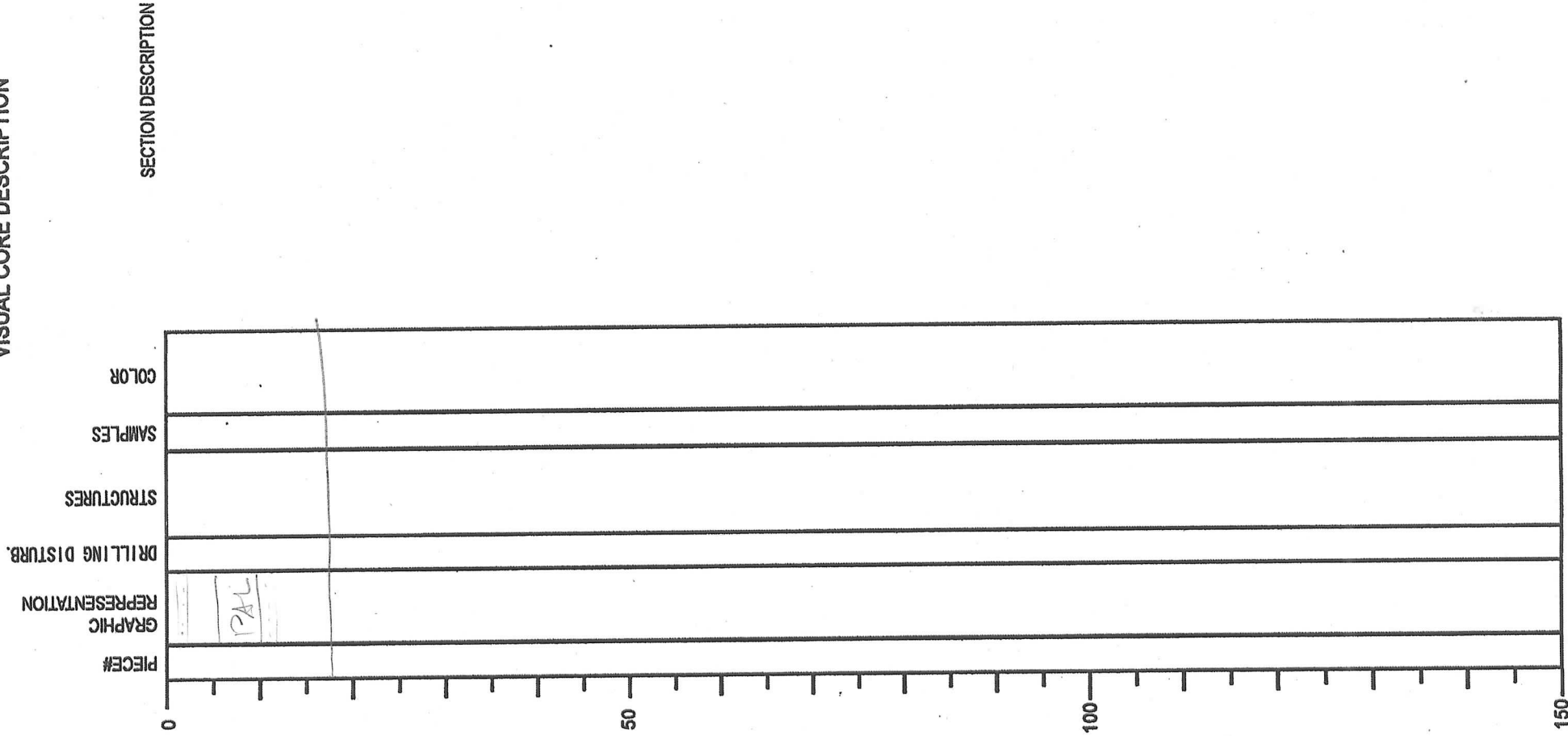


SECTION DESCRIPTION

chdt ms above

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 27 / 11 / 2007
EXP: 316
SITE/HOLE: C00040
CORE: 40R
SECTION: CC
OBSERVER: MS / KUM



**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. DATE: 27M 1200Z
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 41R
 SECTION: 1
 OBSERVER: MS/KLM

SECTION DESCRIPTION

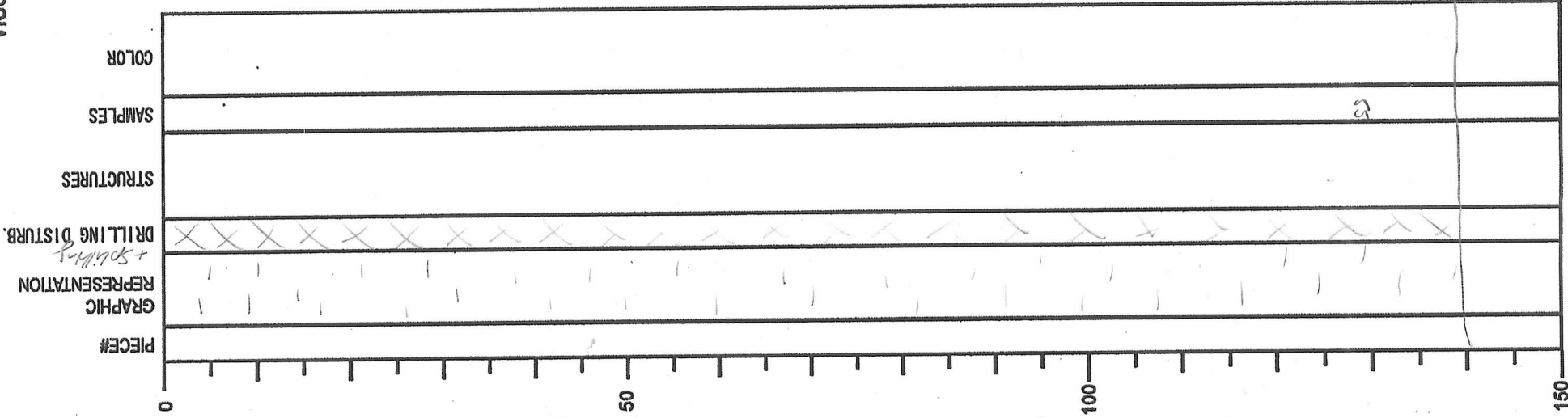
vertical saw technique

dark olive gray silty chrystone
 consist

only small pieces up to 3 cm swimming in
 soupy matrix - mostly drilling and spilling
 disturbed

matrix appears to be somewhat more sandier
 around 20cm, 100-105 cm and 123 cm
 corresponding to shift in the ET hole

rusty brownish color hole ~ 124cm 133cm
 from spilling?? pyrite??

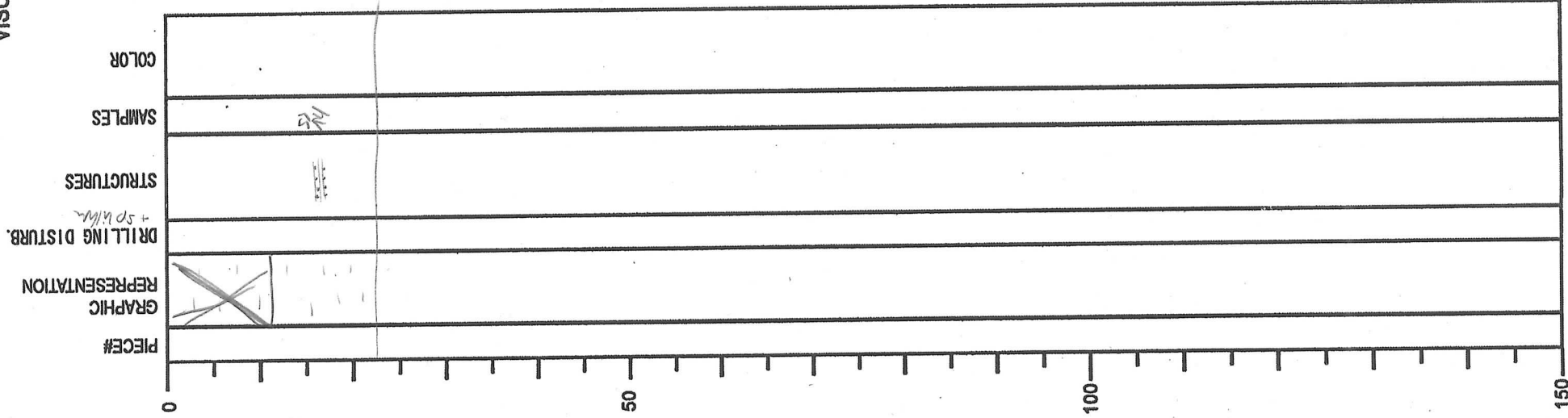


**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. *2711112007*
 DATE: *27/11/2007*
 EXP: *316*
 SITE/HOLE: *CO004D*
 CORE: *41R*
 SECTION: *2*
 OBSERVER: *MPS/KIM*

SECTION DESCRIPTION

differs spilling technique => wire
dark greenish grey silty clay with
mm scale lamination of fine sand silty sand layers
(only clearly to be identified in CT images
13-45cm



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 1 / 120
 EXP: 316
 SITE/HOLE: C00041D
 CORE: 41R
 SECTION: 3
 OBSERVER: MS / K/M

SECTION DESCRIPTION

dipent spilling technique => cutting lines
 then spilling with inclusions
 + plate

intervals with slightly more
 competent dark olive gray silty clay ("triller fracturing")
 and intervals with olive gray silt and sand
 the sandy interval appear 2 structures but have a sharp
 base and irregular tops => fine upward cycles ???
 Hard to tell due dense heavy

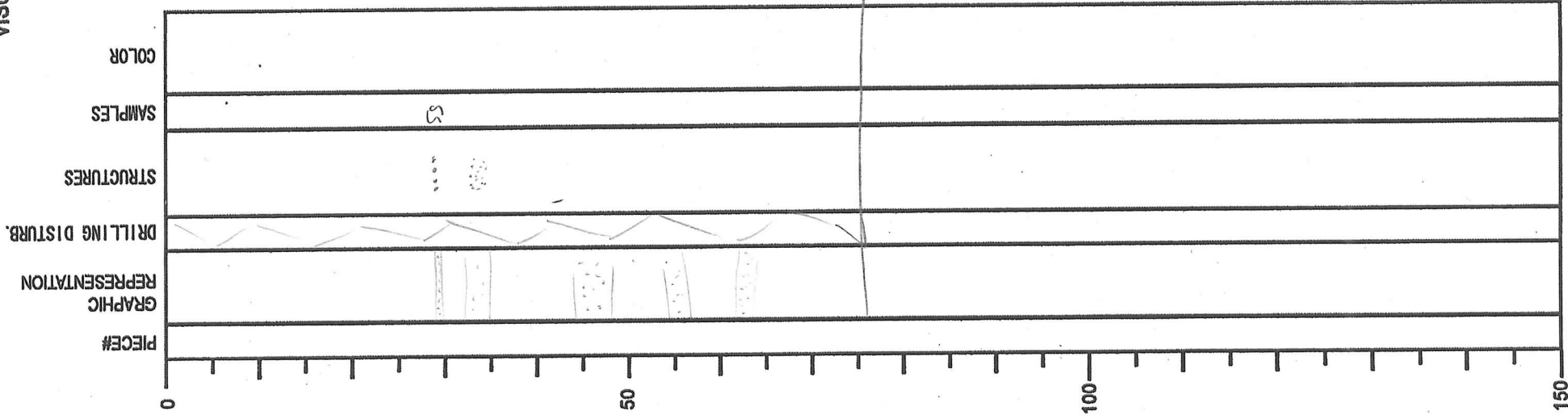
sand laminae 1cm thick at 28-29 / inching

33-35 more sandy

ca 3 thick more sandy interval

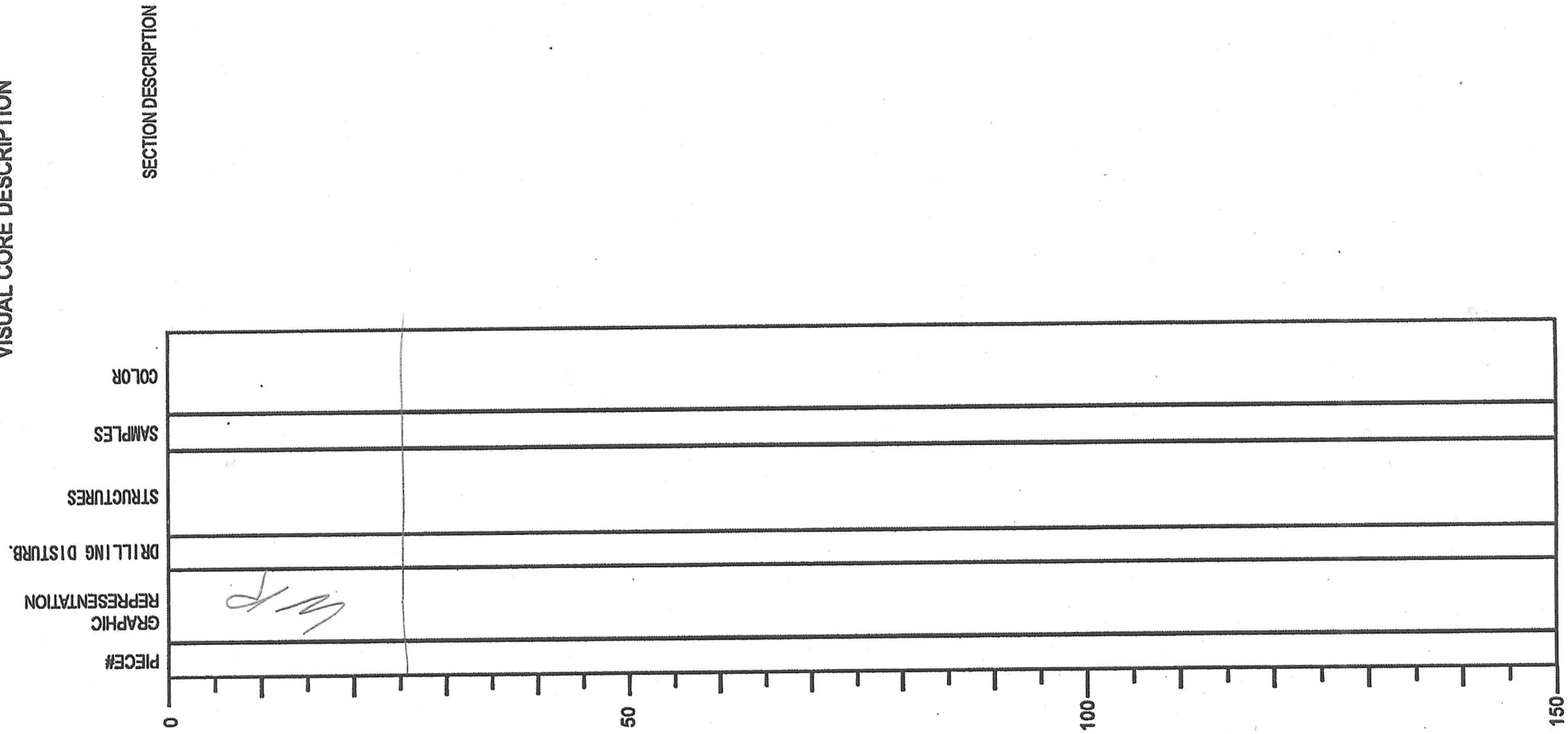
ca 2 thick more sandy interval

1cm inclined sand stage



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: _____
SITE/HOLE: C0004D
CORE: 4MR
SECTION: CC
OBSERVER: MS



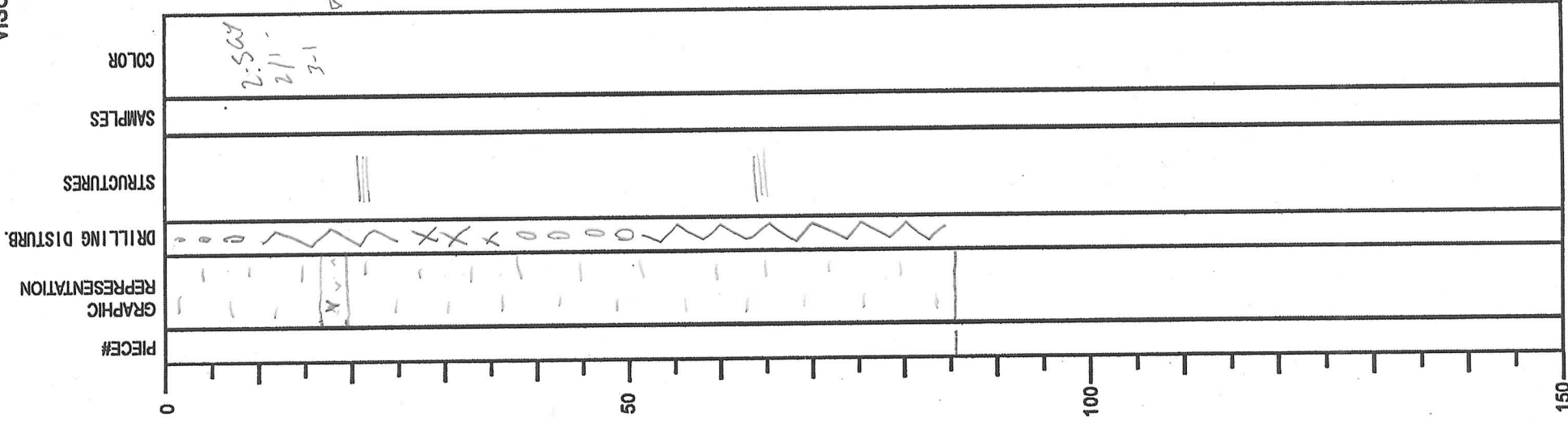
INTEGRATED OCEAN DRILLIGN PROGRAM VISUAL CORE DESCRIPTION

NO. _____
 DATE: 26 / 12 / 2007
 EXP: 316
 SITE/HOLE: C 0004b
 CORE: 42.R
 SECTION: 1
 OBSERVER: UN

SECTION DESCRIPTION

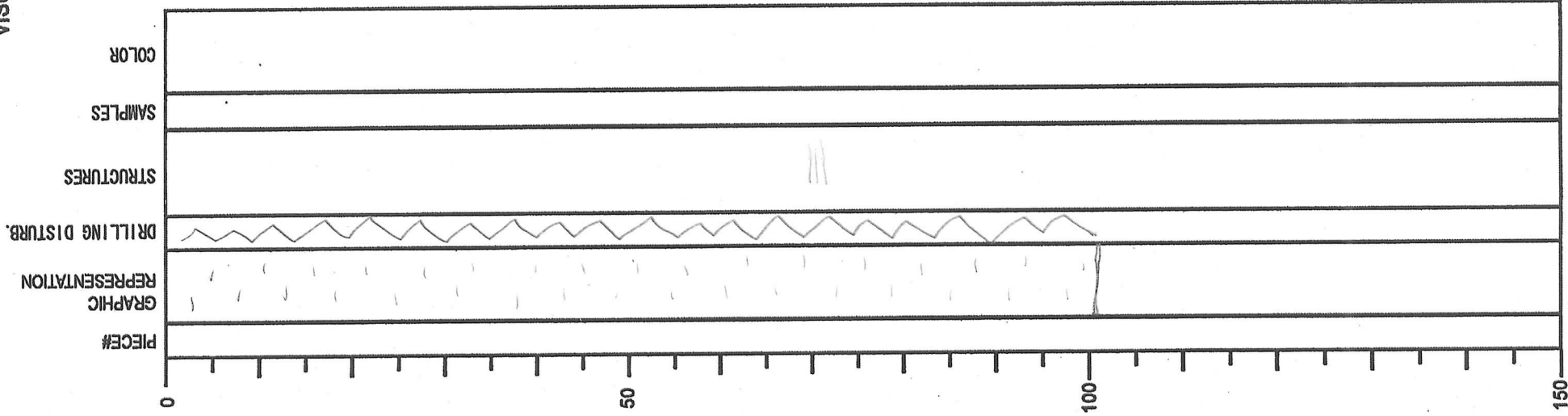
2-54
2-1 23-1

dark olive-grey to black (Munsell number 2-1 23-1)
 silty claystone
 - partly brecciated by drilling but can see
 some clear foliation bedding in places
 2cm thick at horizon (TBC)



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 120
EXP: 316
SITE/HOLE: C 00241
CORE: 42R
SECTION: 2
OBSERVER: VN



SECTION DESCRIPTION

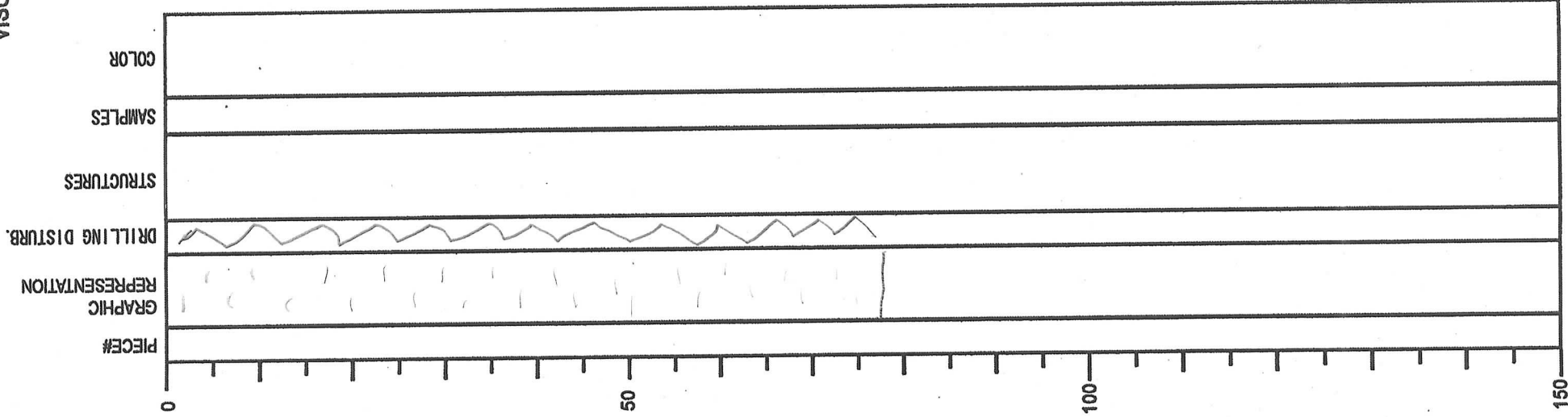
hard olive grey silty claystone.

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: L 000 4D
CORE: 42A
SECTION: 3
OBSERVER: UN

SECTION DESCRIPTION

dark olive-grey silty claystone

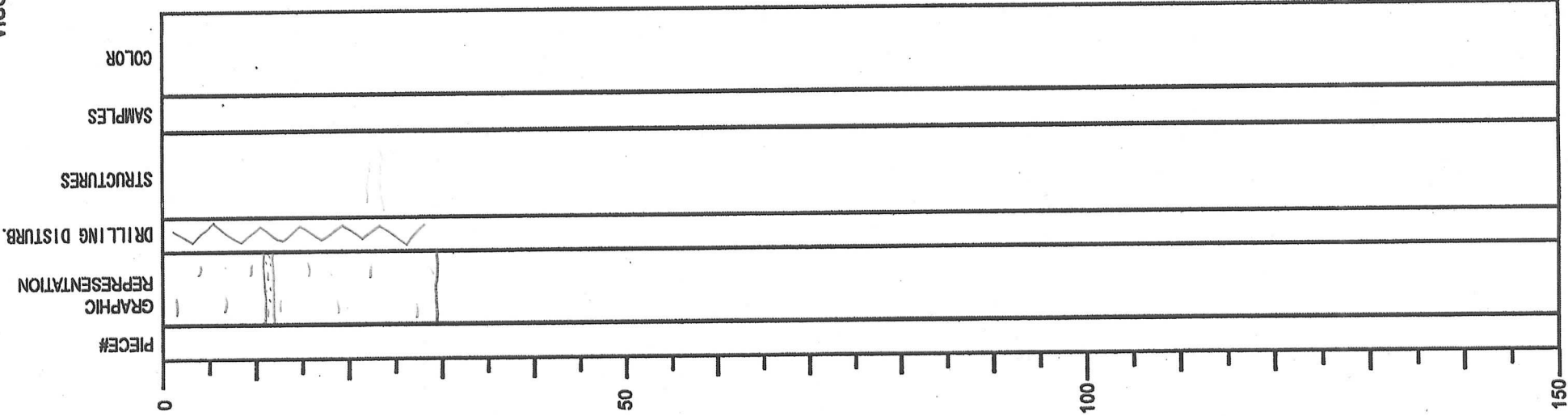


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 1 / 120
 EXP: 316
 SITE/HOLE: L0004D
 CORE: #2R
 SECTION: 4
 OBSERVER: UN

SECTION DESCRIPTION

thin 1 cm silty layer - some colour on clay
 subtle colour banding, light olive grey to dark
 olive grey.

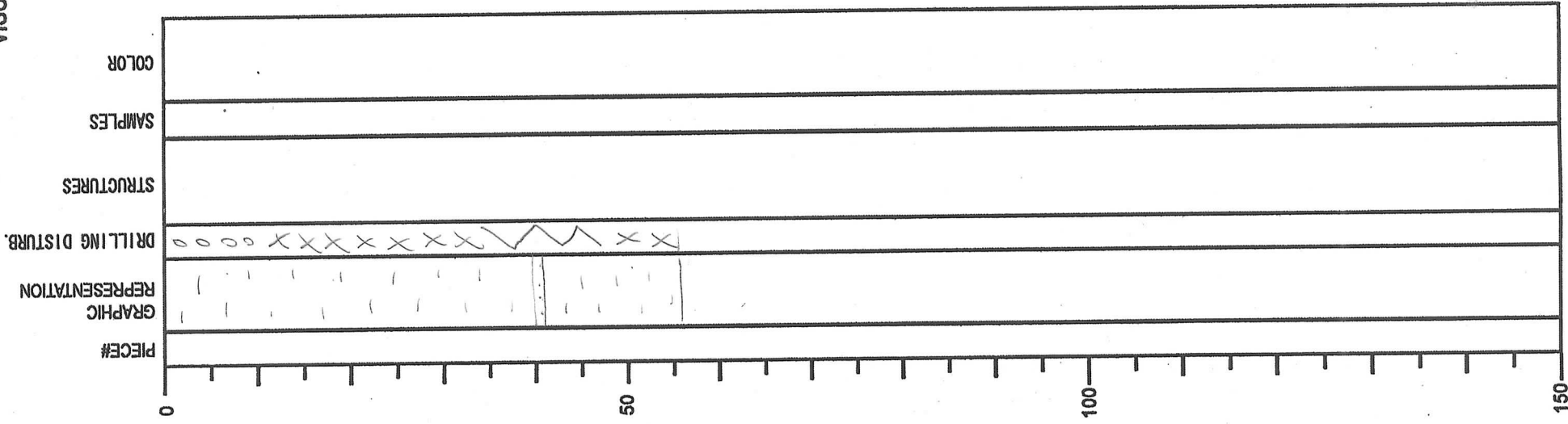


**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 1 / 20
 EXP: 3/6
 SITE/HOLE: C 000 4D
 CORE: 400
 SECTION: 5
 OBSERVER: UN

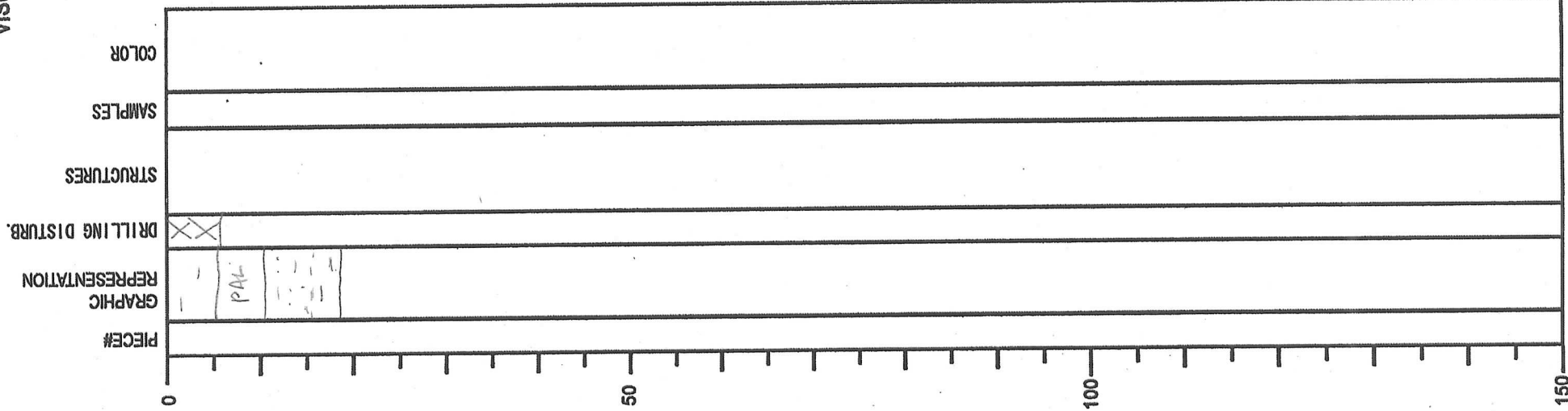
SECTION DESCRIPTION

1.3cm vf. sand. graded at top 3mm



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 1 / 20
 EXP: 316
 SITE/HOLE: c 000 4P
 CORE: 42A
 SECTION: CC (6)
 OBSERVER: JN



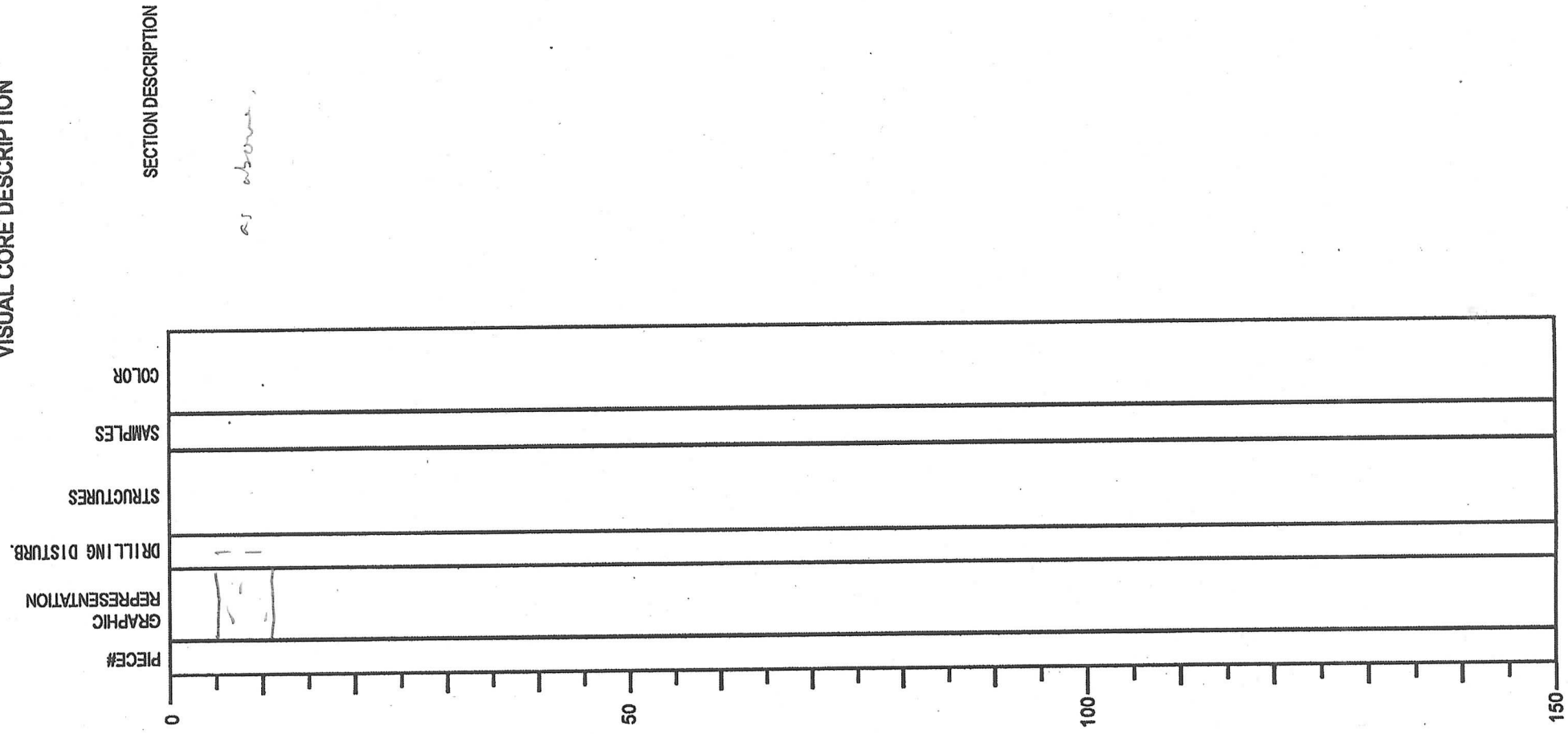
SECTION DESCRIPTION

dark blue-grey silty claystone

clay rich silt, > 3 cm thick

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26 / 12 / 2007
EXP: SIC
SITE/HOLE: C 00044
CORE: 46 R
SECTION: 3 (cc)
OBSERVER: UN



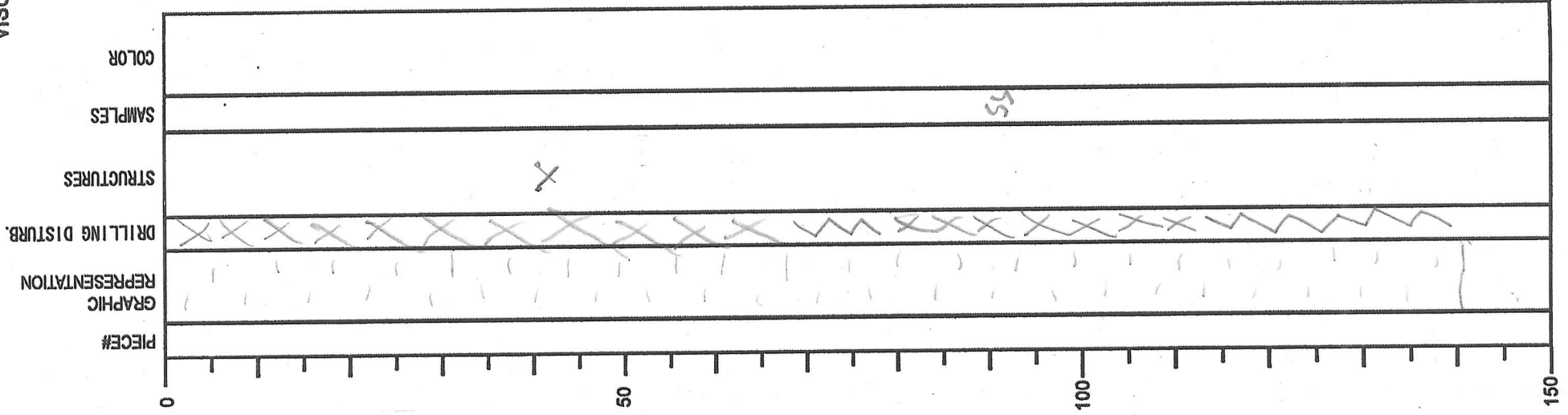
**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 26 / 12 / 2007
 EXP: 3/6
 SITE/HOLE: C 0004D
 CORE: 47R
 SECTION: 1
 OBSERVER: ON

SECTION DESCRIPTION

dark blue-grey silty claystone, variably
 disturbed by drilling - mostly brecciated.

- sponge spicules, rim round organic matter (brown) - probably burrow lining.



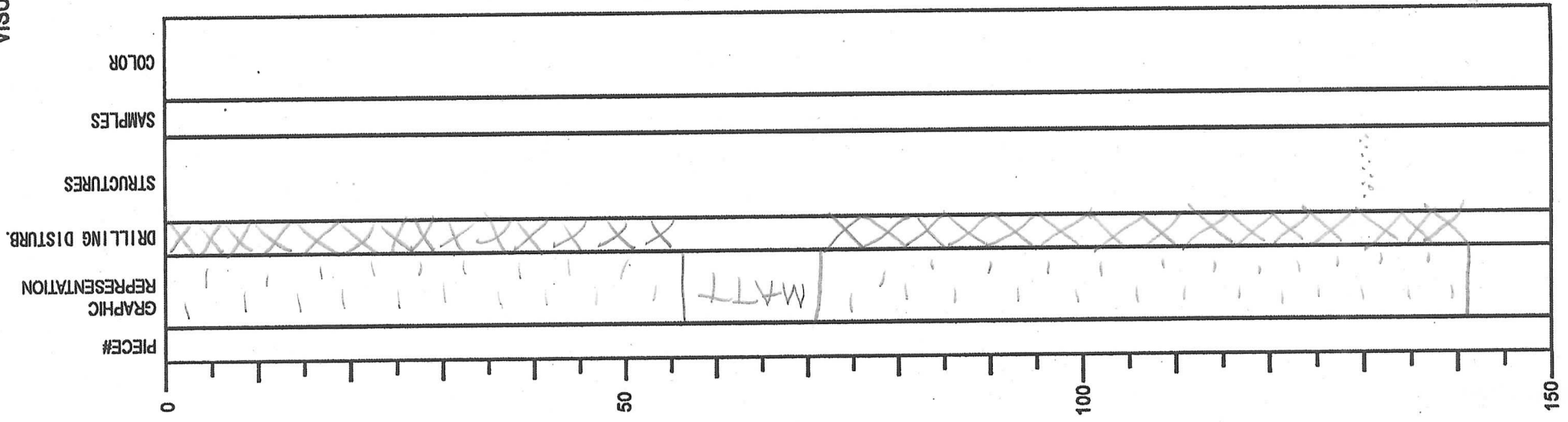
Handwritten notes in the right margin:
 - sponge spicules (brown) / organic matter

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 26 / 12 / 20 07
 EXP: 316
 SITE/HOLE: C 0004D
 CORE: 47R
 SECTION: 2
 OBSERVER: UN

SECTION DESCRIPTION

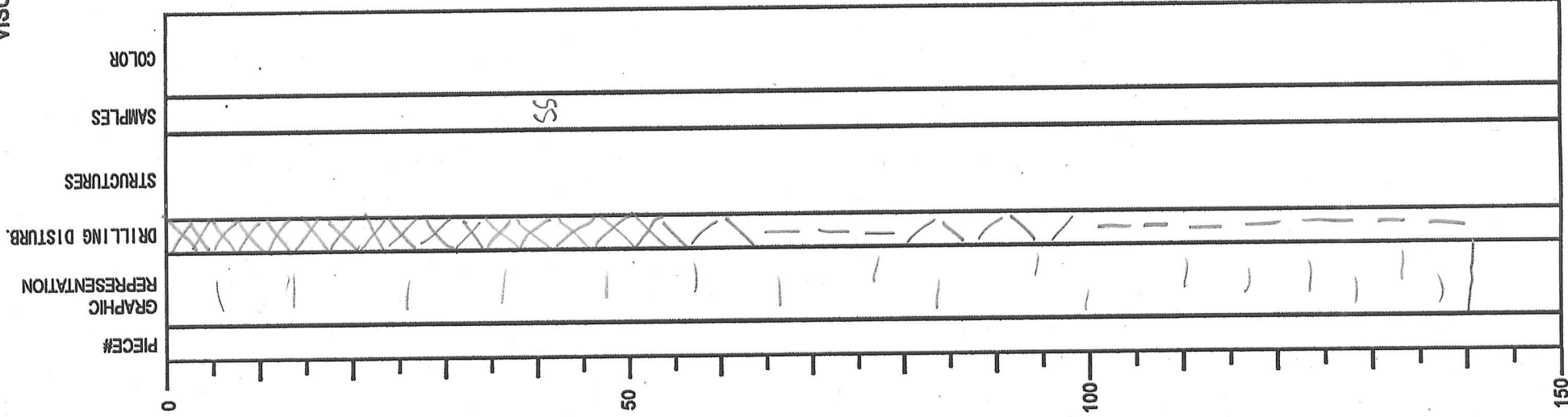
as previous



thin (0.4mm), light brown lamination of v.f.-ssm/ash.

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 26
DATE: 26/12/2007
EXP: 316
SITE/HOLE: C0004-D
CORE: 43R
SECTION: 1
OBSERVER: CLF



SECTION DESCRIPTION

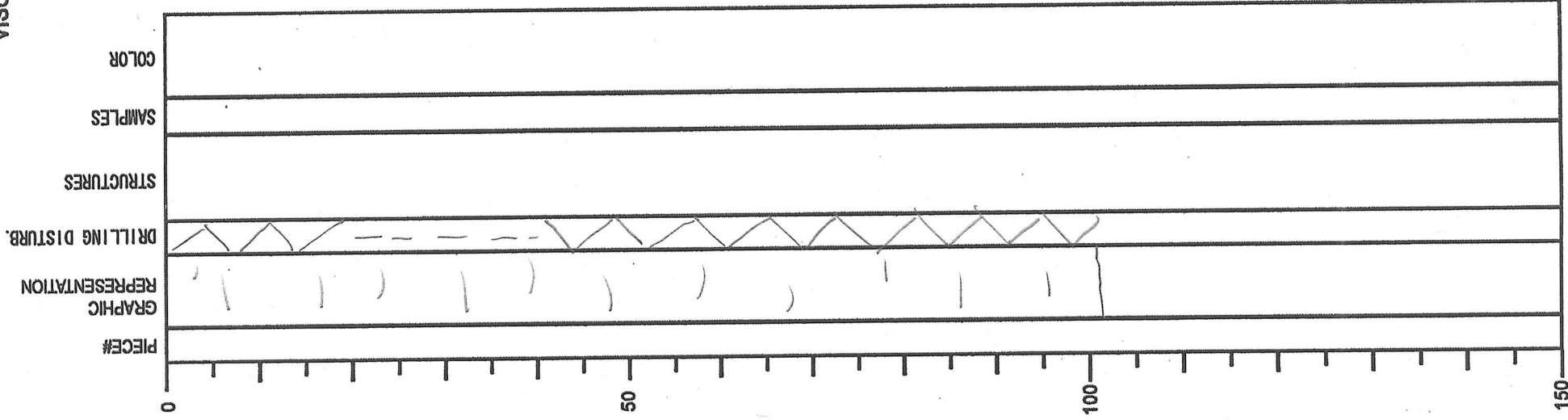
dark greenish gray silty
Claystone
with fissility (horizontal)

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 43R
SECTION: 2
OBSERVER: CLF

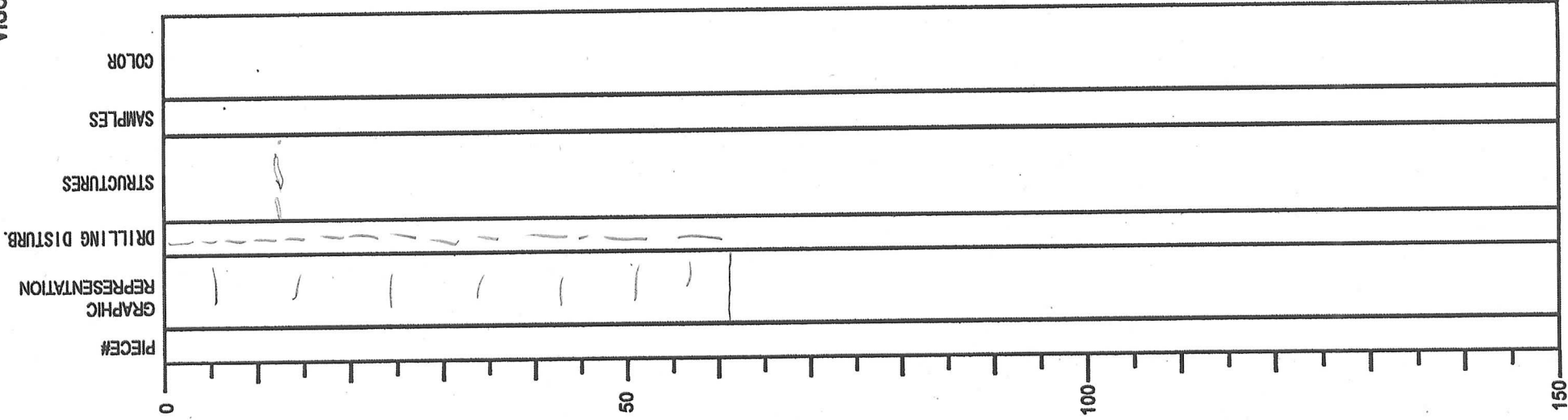
SECTION DESCRIPTION

dk grey silty claystone



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26 / 12 / 20 07
EXP: 316
SITE/HOLE: C0004-D
CORE: 43R
SECTION: 3
OBSERVER: CLF



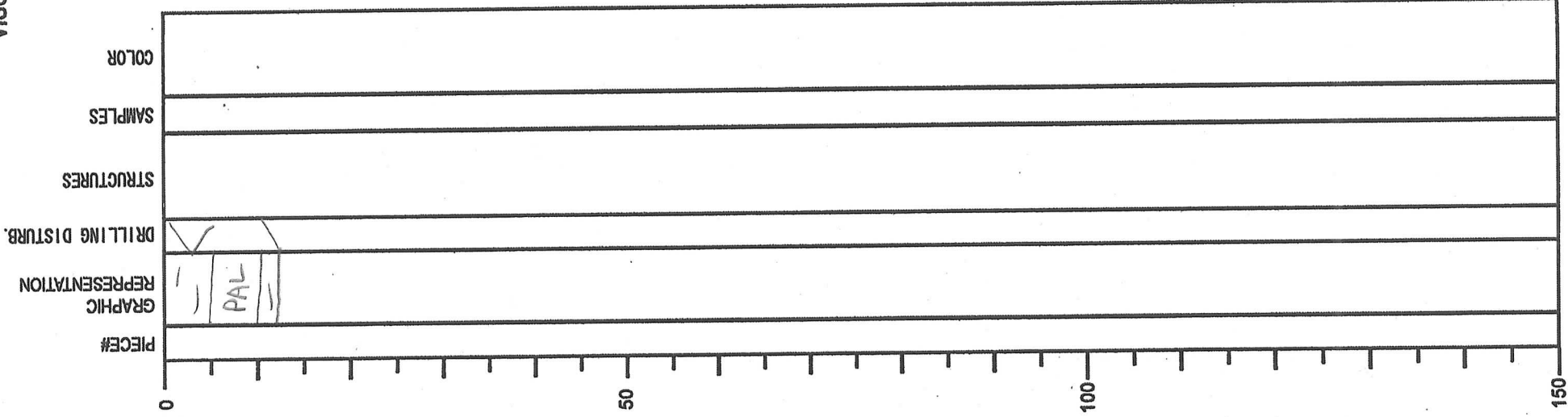
SECTION DESCRIPTION

dk gn-gy silty claystone

[2 small white blobs]

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 43R
SECTION: CC
OBSERVER: CLF



SECTION DESCRIPTION

Silty claystone

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

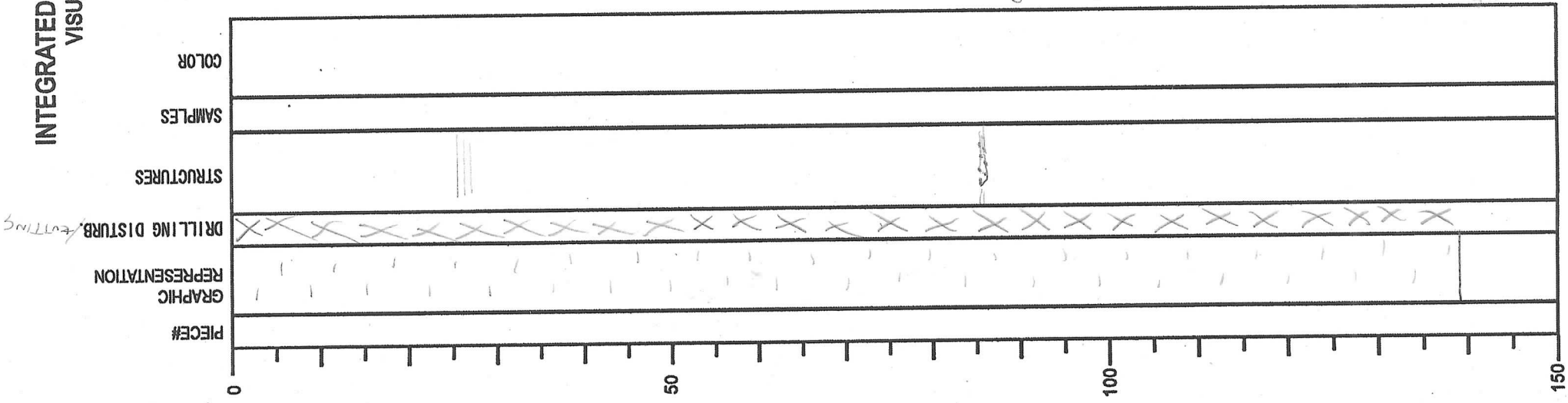
NO. _____
 DATE: 26 / 12 / 2007
 EXP: 316
 SITE/HOLE: 000 4D
 CORE: 44R
 SECTION: 1
 OBSERVER: UN

SECTION DESCRIPTION

dark olive grey silty sandstone, as previous

finer silty - near horizontal and parallel.

subtle grain size variation
 - thin (<1cm) bed of slightly coarser grained material -
 clayey silt instead of silty clay. Slightly more bioclastic
 than surrounding lithology



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. / DATE: 1 / 120
 EXP: 316
 SITE/HOLE: 4004D
 CORE: 4R
 SECTION: 2
 OBSERVER: VM

SECTION DESCRIPTION

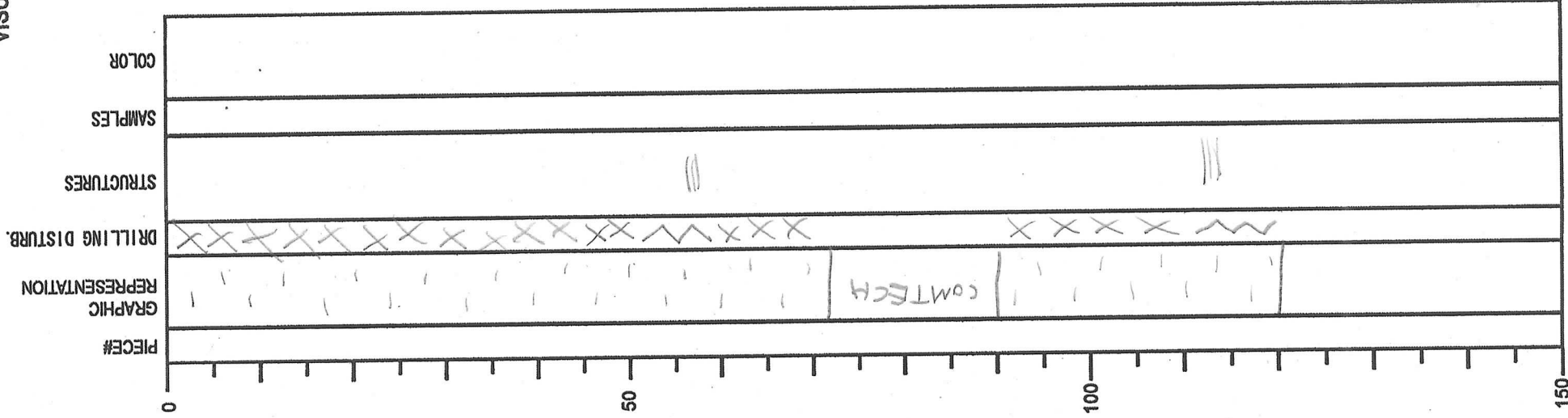
dark olive gray dirty ss. sh.

high angle (natural?) fractures in rock from 22-31 cm.

high angle fracture (parallel to oblong cutting piece of well sorted coarse. This core is less brecciated than sheet surrounding it; this differential brecciation probably reflects ~~sed~~ lithological variations in the core, and bedding parallel grooves etc can be picked out.

visible parallel laminations, light and dark bands 1-2 mm thick.

Fissility parallel to this but another fissility ~~oblique~~ oblique to this



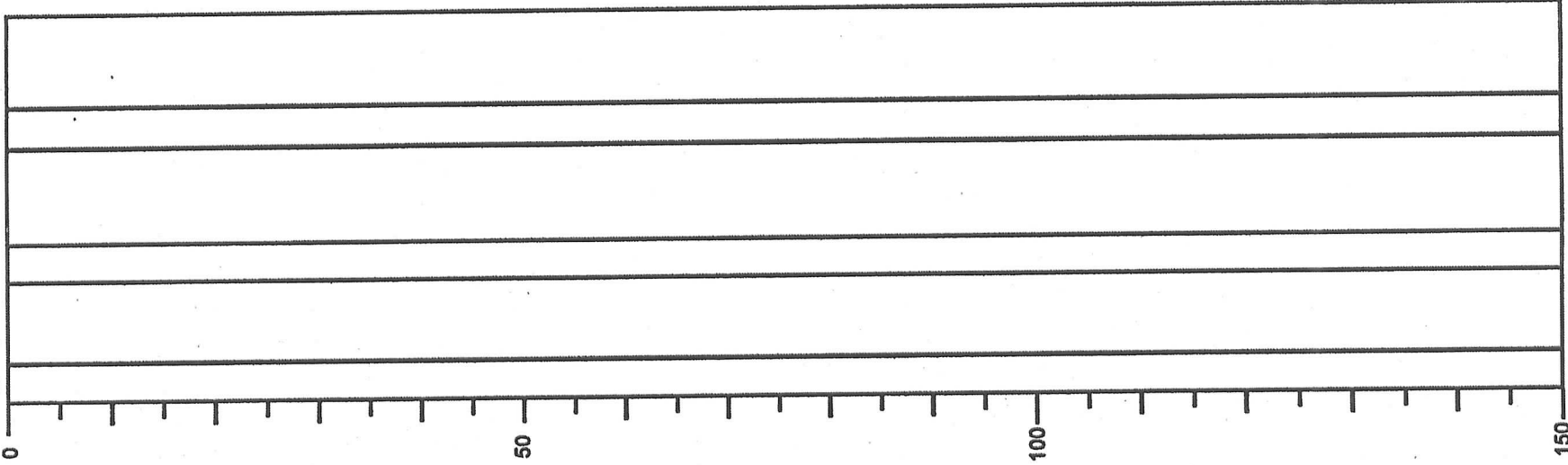
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. /
DATE: / /20
EXP:
SITE/HOLE:
CORE: 44A
SECTION: 23
OBSERVER:

I.W.

SECTION DESCRIPTION

PIECE#
GRAPHIC REPRESENTATION
DRILLING DISTURB.
STRUCTURES
SAMPLES
COLOR

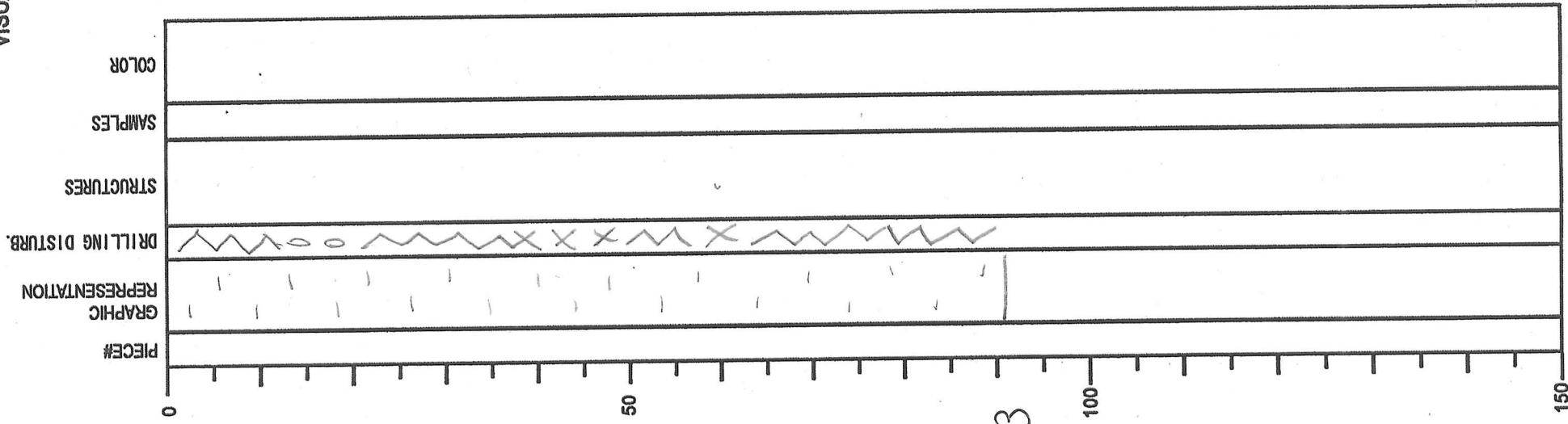


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 26 / 12 / 20 67
 EXP: 316
 SITE/HOLE: C 0004D
 CORE: 4R
 SECTION: 4
 OBSERVER: UN

3

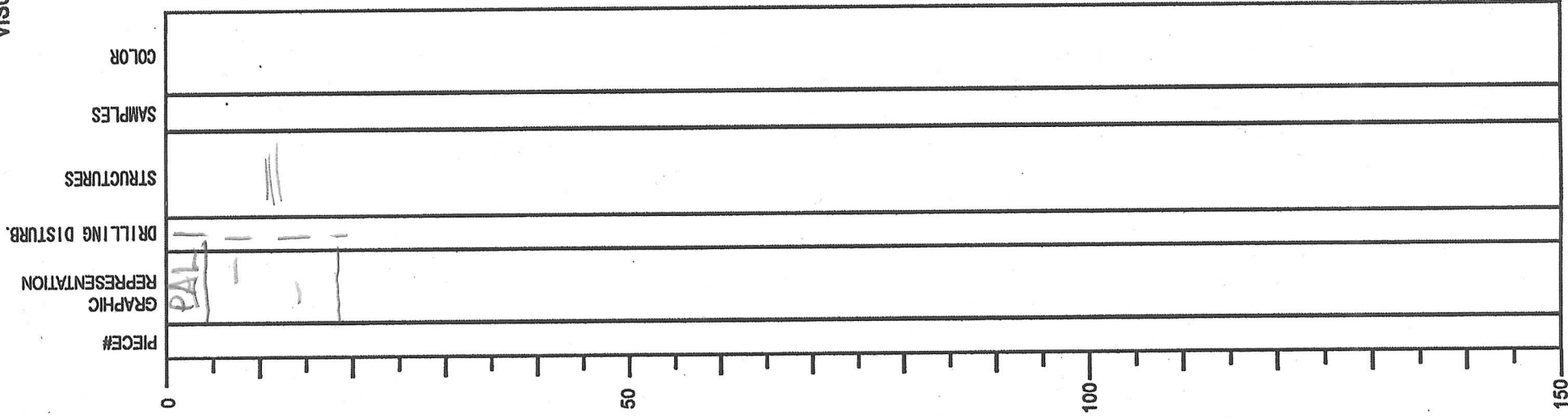
SECTION DESCRIPTION



- 8mm long, white nodule with black core
 white rim looks fibrous - ~~extremely mineral~~
 sponge spicules? - smear slide

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 26/12/20 07
EXP: 316 SITE/HOLE: C0004-D
CORE: 44R SECTION: 4-5 (cc)
OBSERVER: CLF



SECTION DESCRIPTION

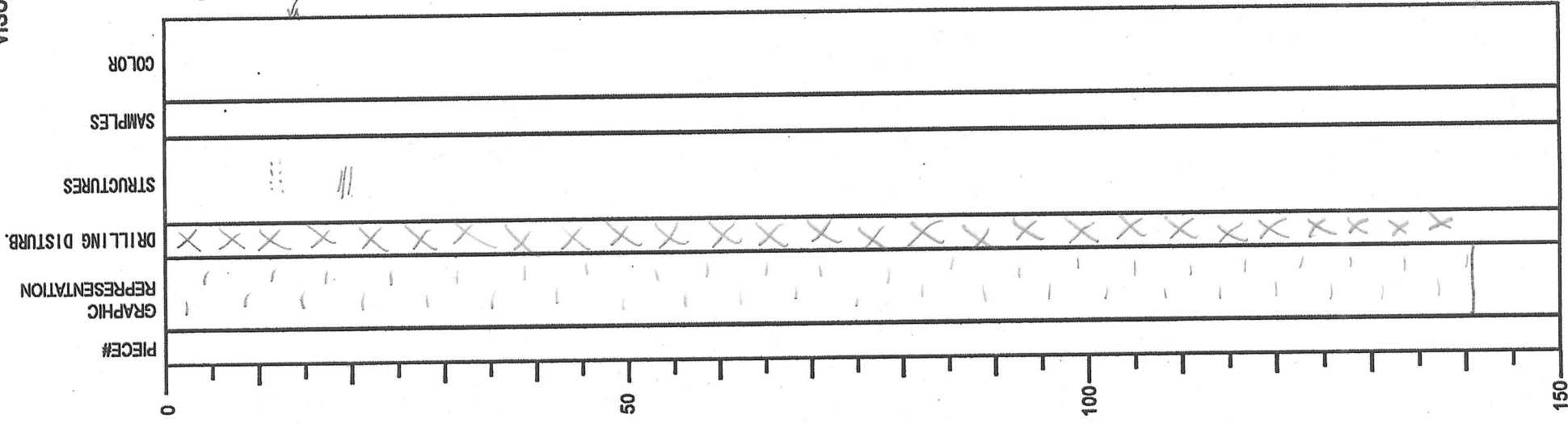
olive grey ~~dry~~ silty claystone

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 26 / 12 / 2007
 EXP: 316
 SITE/HOLE: C 600AD
 CORE: ASK
 SECTION: 1
 OBSERVER: UN

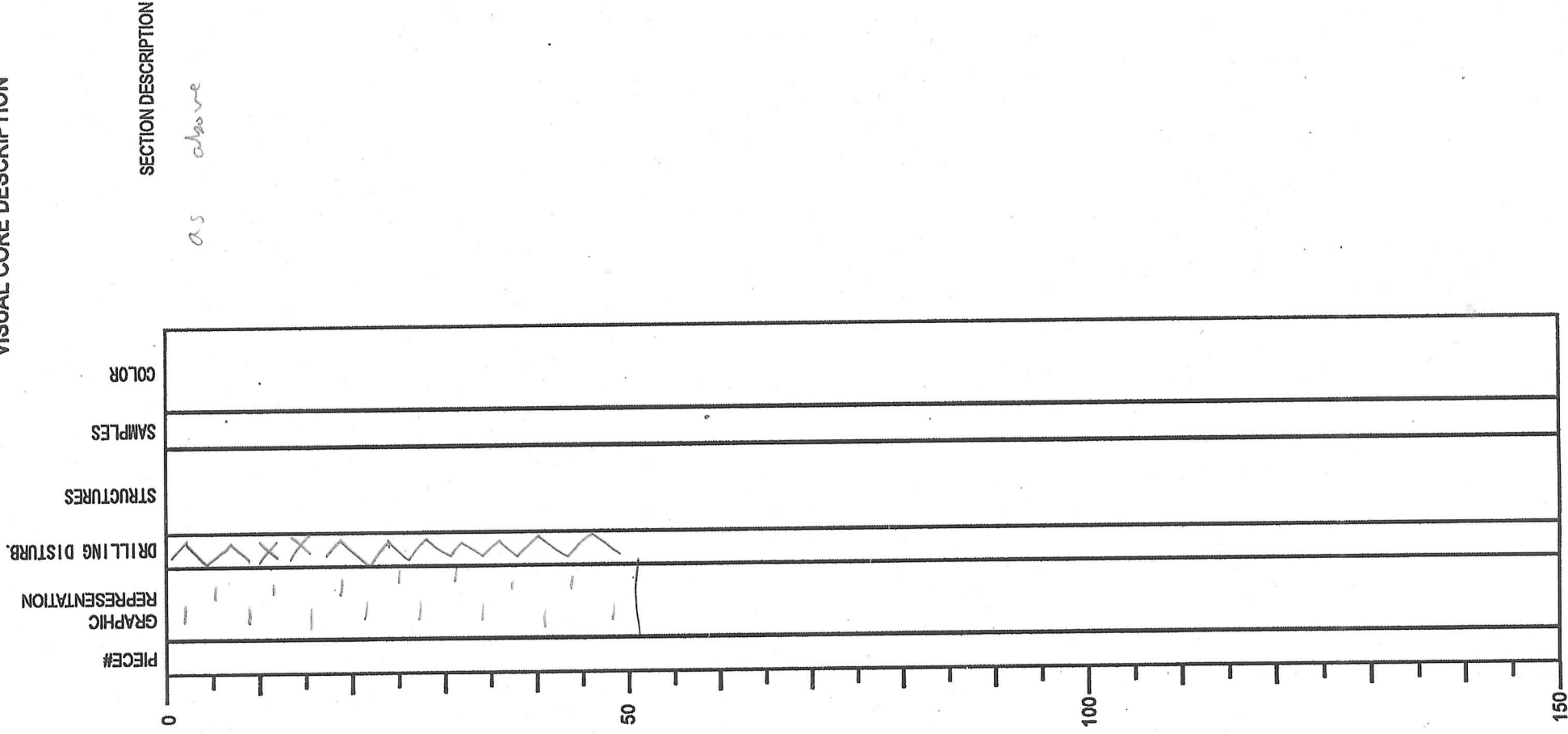
SECTION DESCRIPTION

dark olive grey to silty clay - generally horizontal
 finity is generally visible throughout most
 of the section.
 - small, discontinuous silty laminations @ 13 cm.



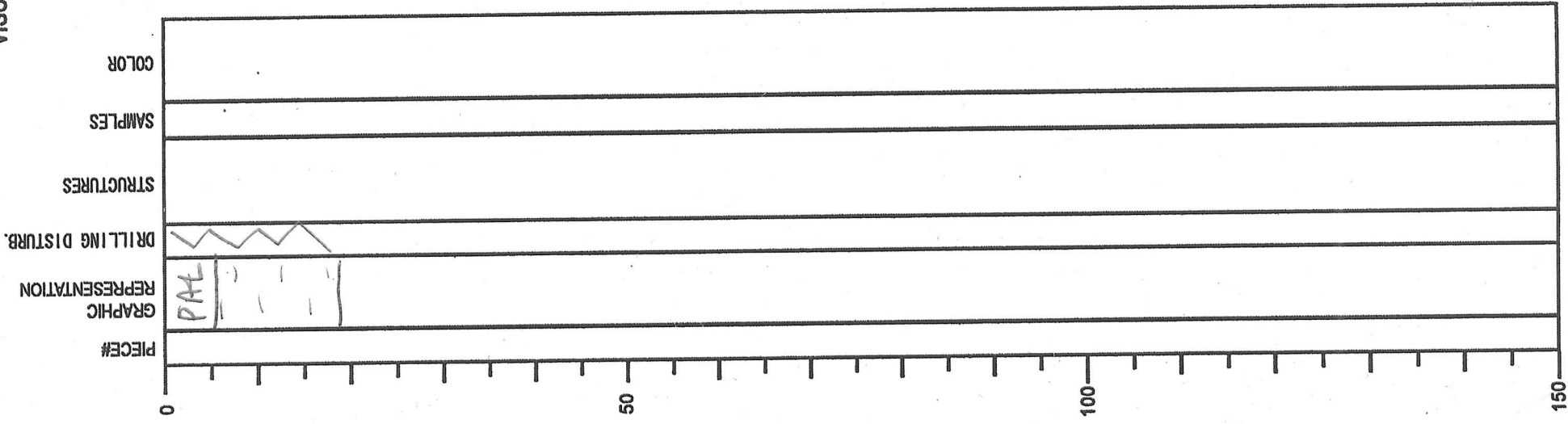
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26 / 12 / 2007
EXP: 316
SITE/HOLE: C 000 4P
CORE: 4-FK
SECTION: 2
OBSERVER: UN



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26 / 12 / 2007
EXP: 316
SITE/HOLE: C 0064-D
CORE: 45A
SECTION: CC (3)
OBSERVER: UN



SECTION DESCRIPTION

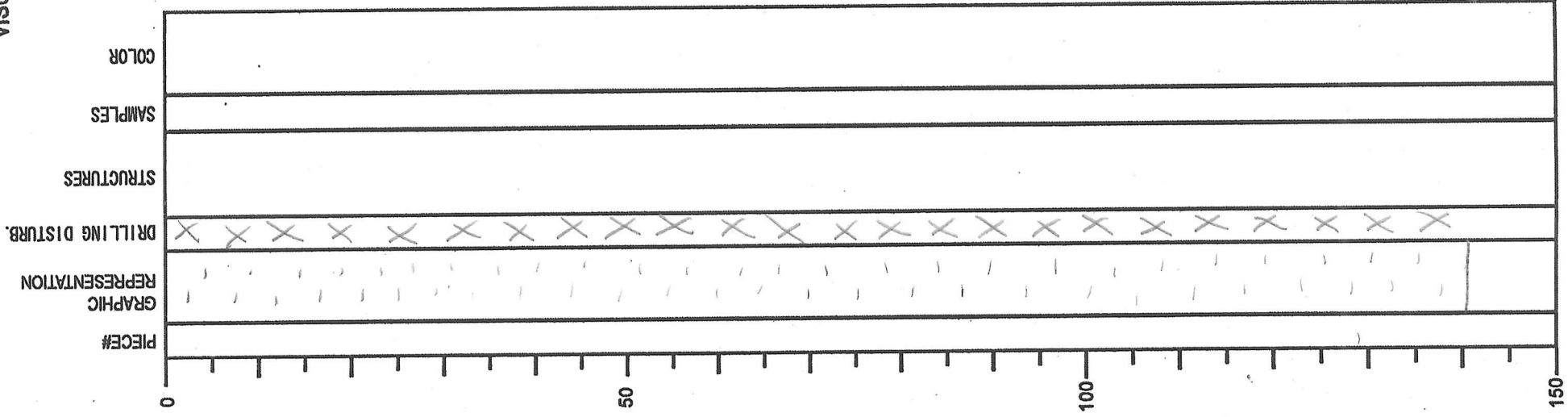
25 above

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 26/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 46R
SECTION: 1
OBSERVER: UN

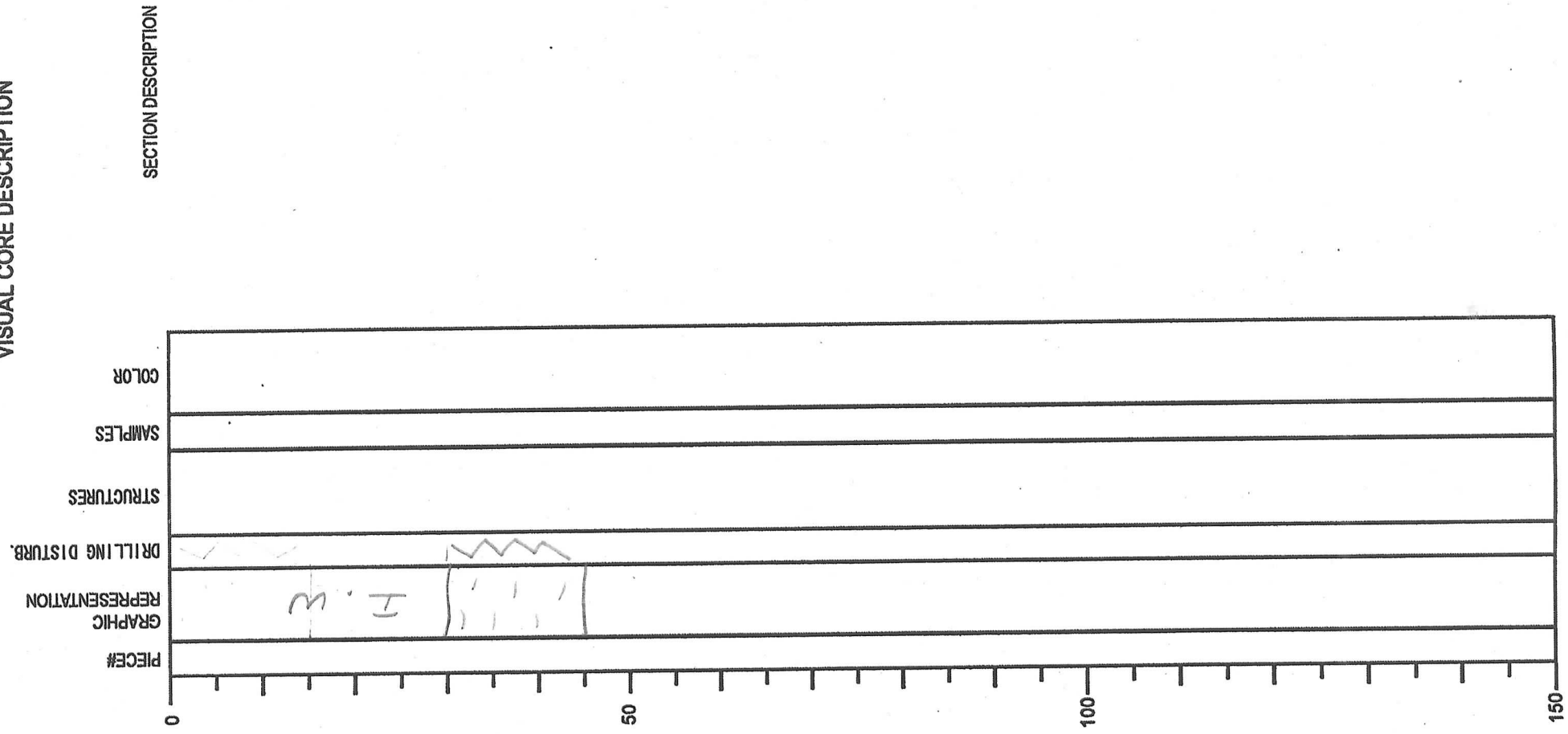
SECTION DESCRIPTION

dark grey silty clay



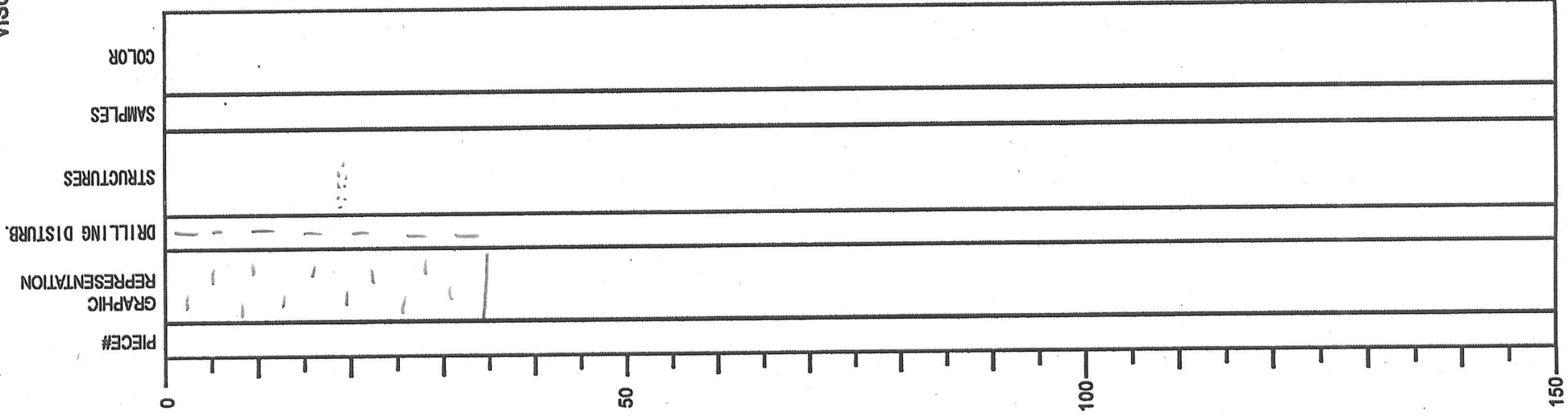
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 120
EXP: 316
SITE/HOLE: C 000 4J
CORE: 46R
SECTION: 2
OBSERVER: UN



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 26/12/2007
 EXP: 316
 SITE/HOLE: 40004D
 CORE: 47K
 SECTION: 3
 OBSERVER: UN



SECTION DESCRIPTION

as previous.
 V.f. sand lamination (0.5cm)

NOTE: It is possible that there are more sand laminae within the brecciated claystone that are not easy to see - colour is very similar to the claystone and they are very thin.

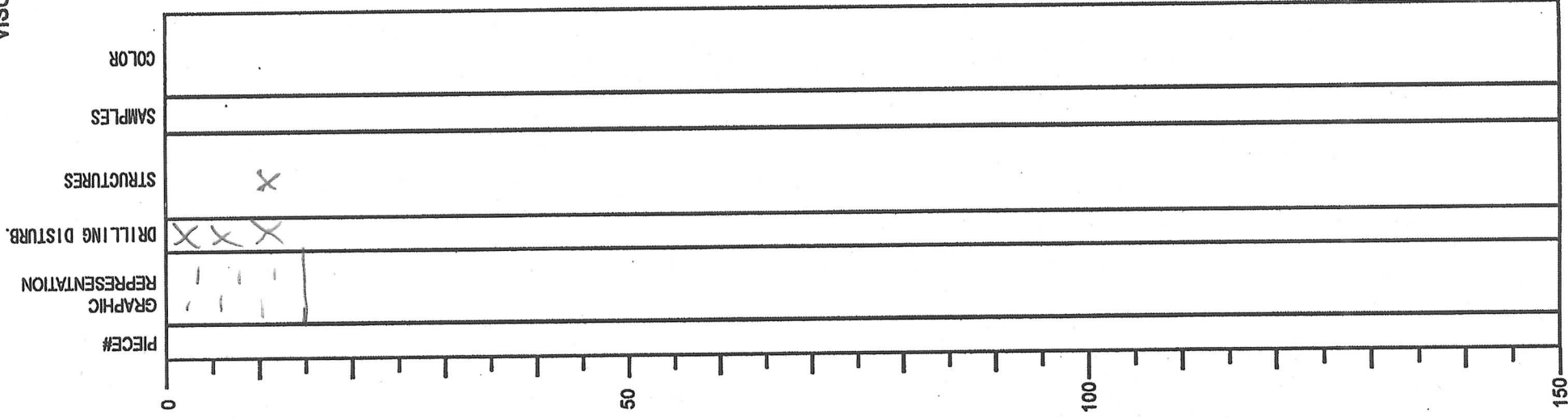
Ver. 0.10_071109

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 1 / 20
 EXP: 3/6
 SITE/HOLE: C 0004A
 CORE: 17R
 SECTION: 4 (CC)
 OBSERVER: UN

SECTION DESCRIPTION

as previous
 - sponge spicule ~~part~~ burrow lining?

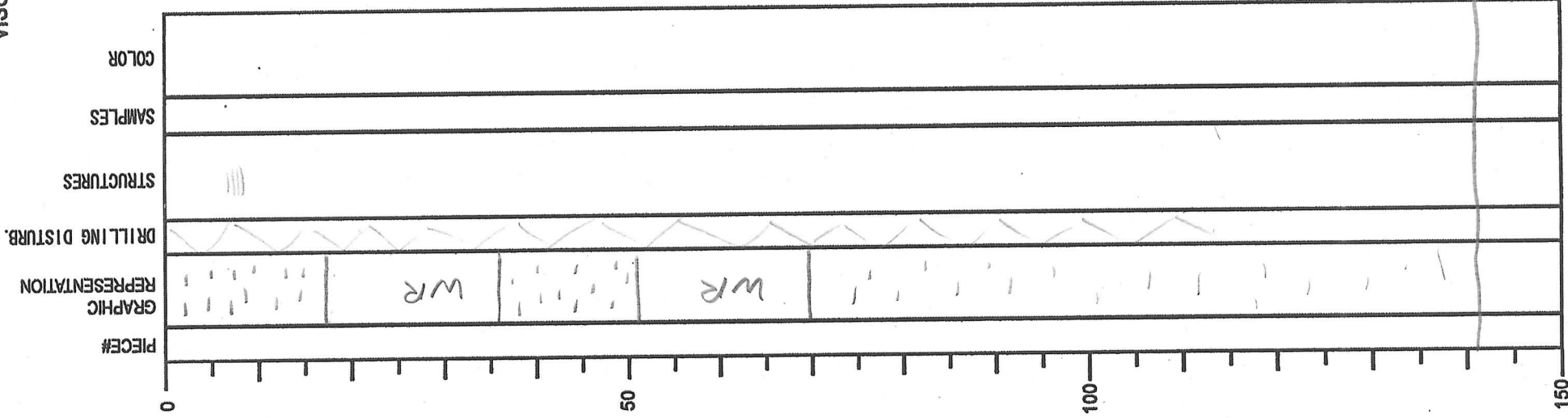


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: C00040
CORE: 48R
SECTION: 2
OBSERVER: MS /

SECTION DESCRIPTION

dark olive-grey silty claystone,
visibly disturbed by drilling, mostly
fractured + brecciated
1-6 piece (fall into whole while wireline trip)
6-17 fine ~mm-scale fissility (subhorizontal
incoherent pieces and intervals with less
pieces alternate

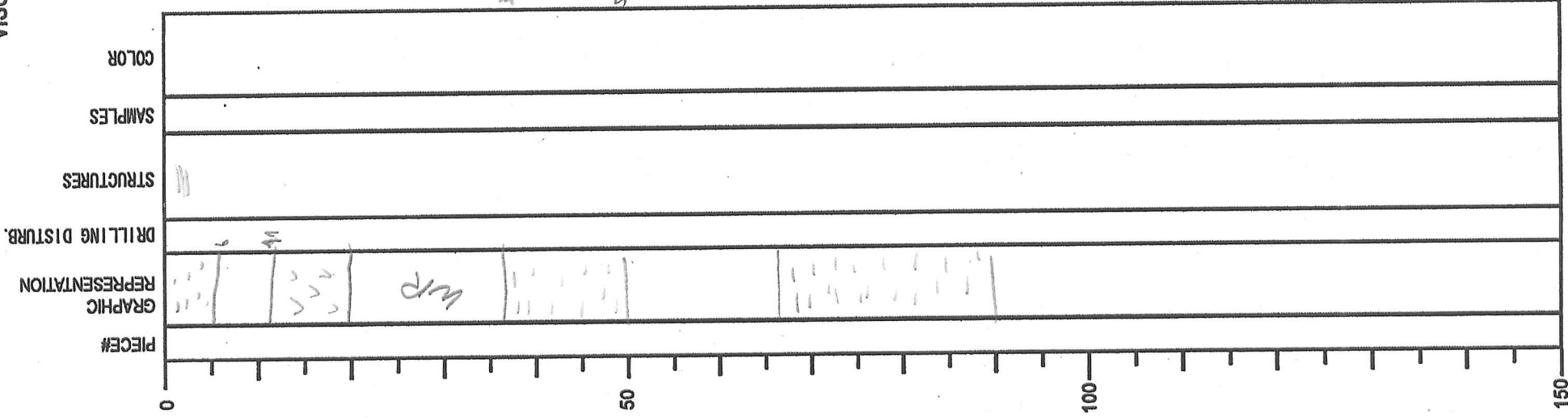


142

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____ DATE: 1 / 120
 EXP: _____ SITE/HOLE: C00040
 CORE: 48R SECTION: 2
 OBSERVER: M.S

SECTION DESCRIPTION



light blue gray to dark olive gray → dispersed ash
 light gray Ash type

87 3 colored pieces of dark olive gray silty
 mudstone relatively and homogeneous

50

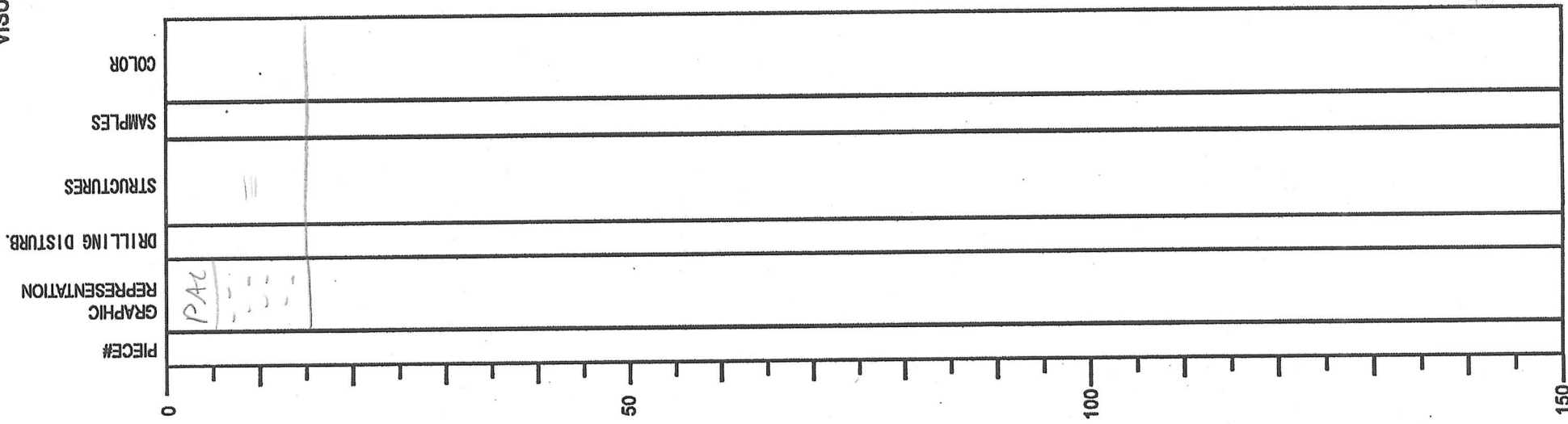
± colored pieces some subhorizontal possibly

82.5 fine tan coarse slightly darker
 chondrites borrows at 87

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 1 / 20
 EXP: _____
 SITE/HOLE: C00040
 CORE: 48R
 SECTION: CC
 OBSERVER: MS /KT

SECTION DESCRIPTION



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

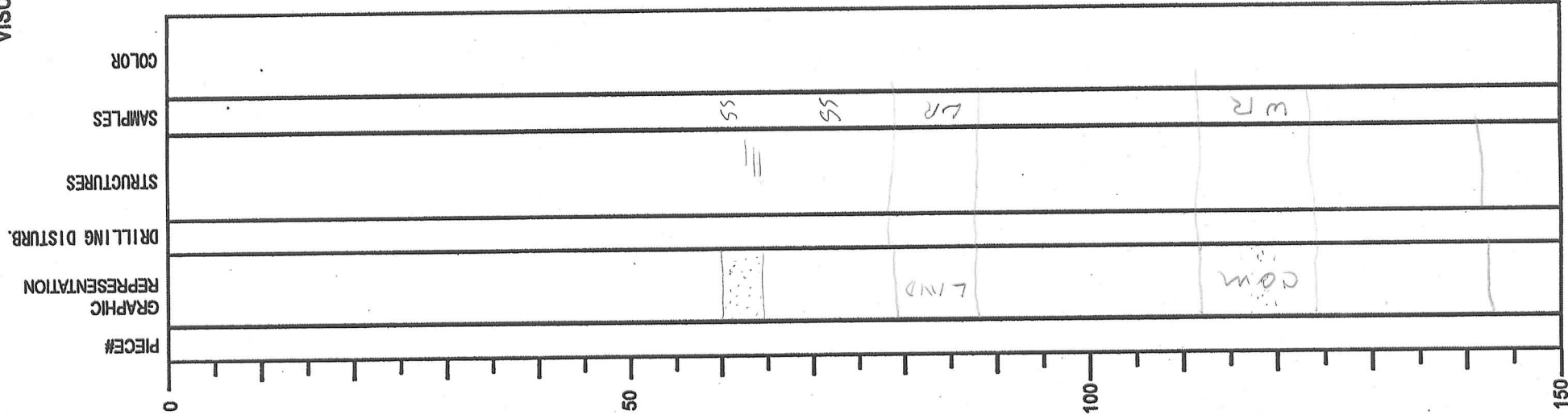
NO. L
DATE: 12/26/2007
EXP: 316
SITE/HOLE: C00041D
CORE: 49R1
SECTION: 1
OBSERVER: KLM/ms

SECTION DESCRIPTION

*dk gray silty clay
intermittent fissility*

sdly/silty interval - visible on CT

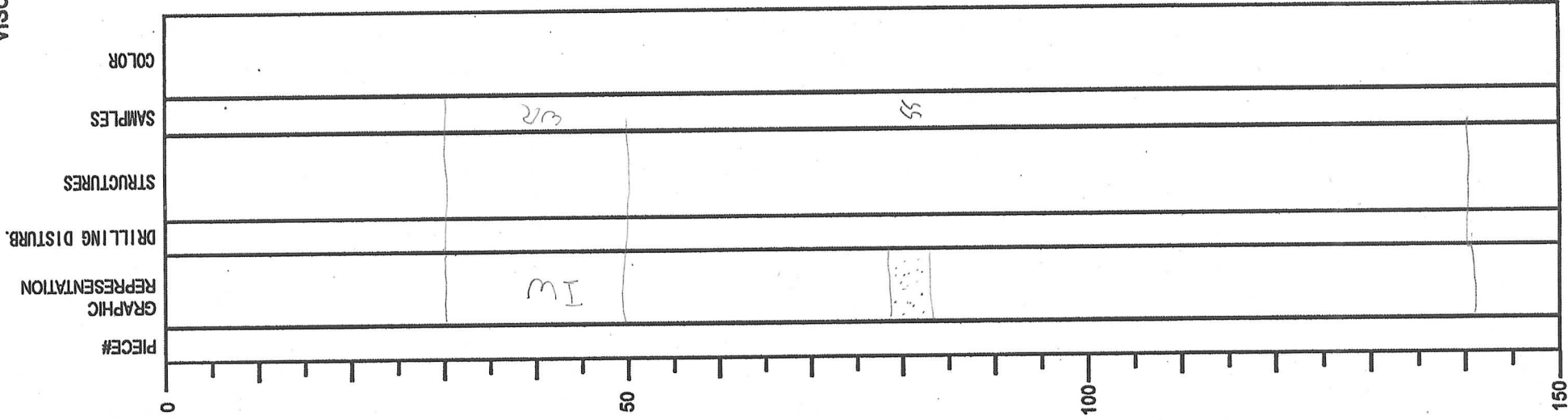
sdly/silty on CT



*42.7
80.5
111*

**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. 2
 DATE: 12/12/2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 49R
 SECTION: 2
 OBSERVER: KLW/m5



SECTION DESCRIPTION

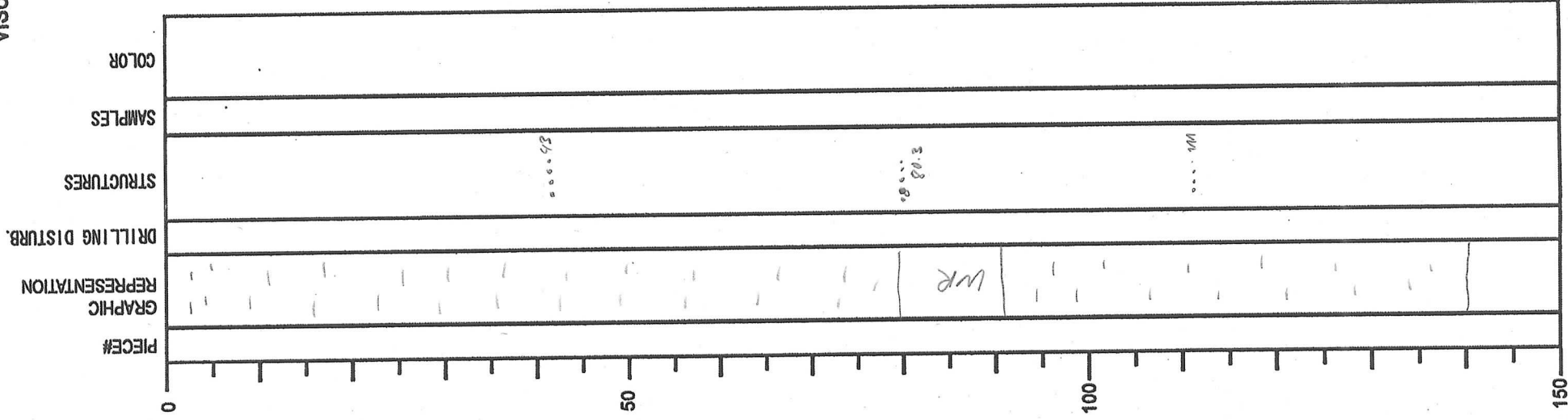
dark olive gray
 silty clay
 rather structureless -
 minor bioturbation throughout
 on CT; locally fissile
 silty sand

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. 3
 DATE: 27 12 2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 49R
 SECTION: 3
 OBSERVER: MS/KLM

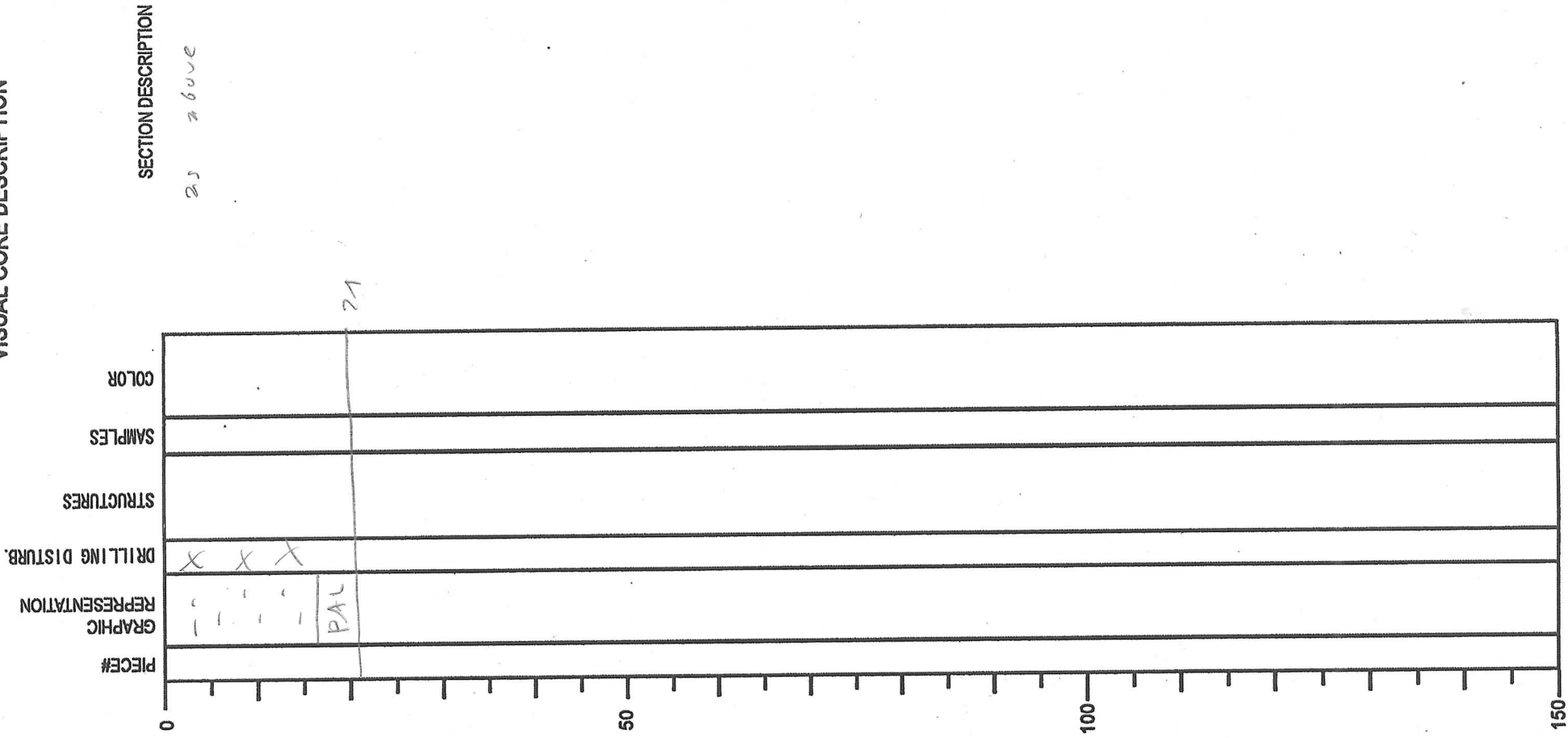
SECTION DESCRIPTION

dark olive gray silty claystone
 rather structureless
 only minor bioturbation throughout as to
 be observed in CT scan images
 .locally visible
 slightly more sandy around 43, 80 and 110 cm
 (slightly more dense in CT scans)
 borrow filled with sponge spicules in the
 lower part



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 28 / 12 / 2007
 EXP: 316
 SITE/HOLE: C000910
 CORE: 49 R1
 SECTION: 1
 OBSERVER: CLM / MS

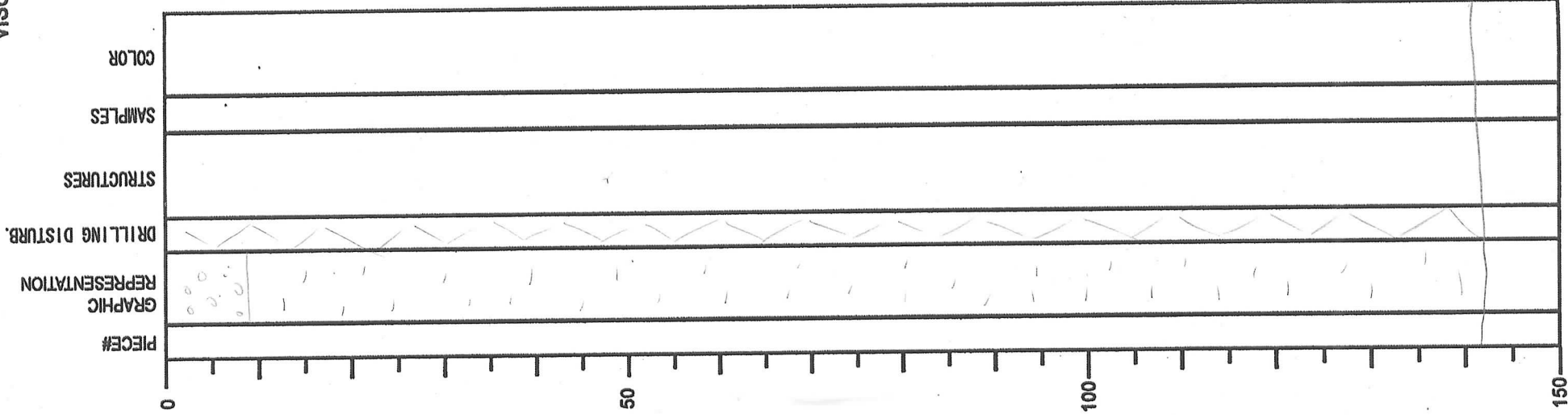


INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 26 112 / 2007
EXP: 316
SITE/HOLE: C00040
CORE: 50R
SECTION: 1
OBSERVER: MS / KLM

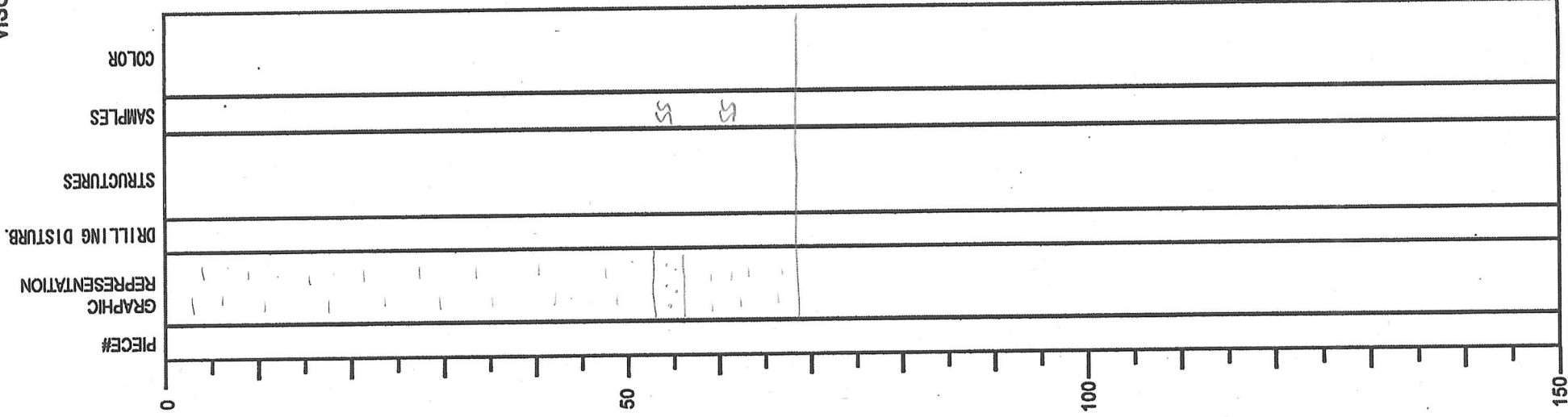
SECTION DESCRIPTION

dark olive gray silty claystone
appears rather structureless in coherent
pieces but a subhorizontal fissibility.



INTEGRATED OCEAN DRILLIGN PROGRAM VISUAL CORE DESCRIPTION

NO. _____
 DATE: 26 / 11 / 20 07
 EXP: 376
 SITE/HOLE: C00040
 CORE: SOP
 SECTION: 2
 OBSERVER: MS / KUM



SECTION DESCRIPTION

dark olive gray mudstone as above
 down to 53cm (CT Facies Type 1)

sand layer

olive gray, less competent
 dispersed sh (→ CT facies Typ 2)

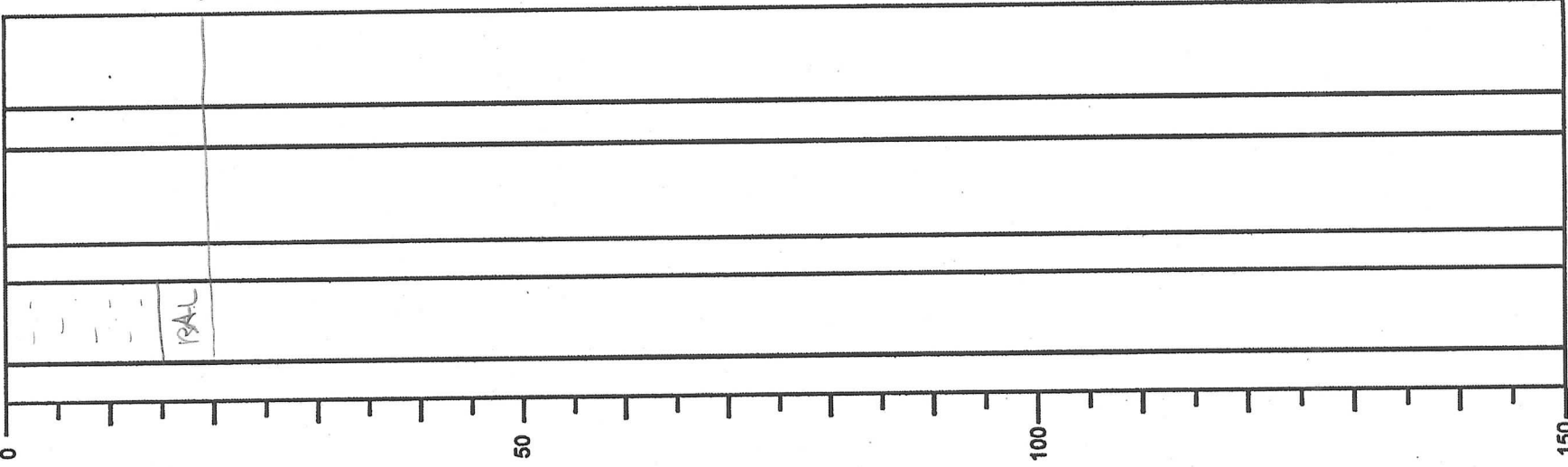
SS analyses
 reveal slightly more
 sh shreds and
 pernite fragments

INTEGRATED OCEAN DRILLIGN PROGRAM VISUAL CORE DESCRIPTION

NO. _____
DATE: 26 / 11 / 2007
EXP: 316
SITE/HOLE: C00040
CORE: 50R
SECTION: CC
OBSERVER: M.S / KLM

PIECE# _____
GRAPHIC REPRESENTATION _____
DRILLING DISTURB. _____
STRUCTURES _____
SAMPLES _____
COLOR _____

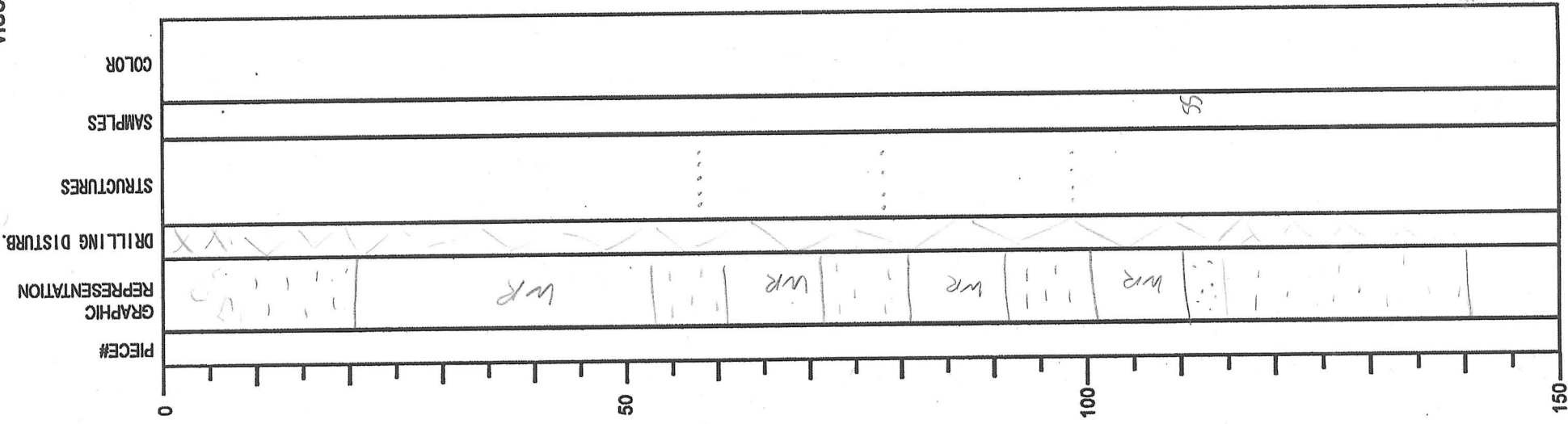
SECTION DESCRIPTION



silty clay (hard olive gray)

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. 1
 DATE: 12 126 / 20 07
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 512
 SECTION: 1
 OBSERVER: KLM/MS



SECTION DESCRIPTION

dark olive gray silty claystone
 as above
 slightly more sandy especially at 48, 77, 90 cm

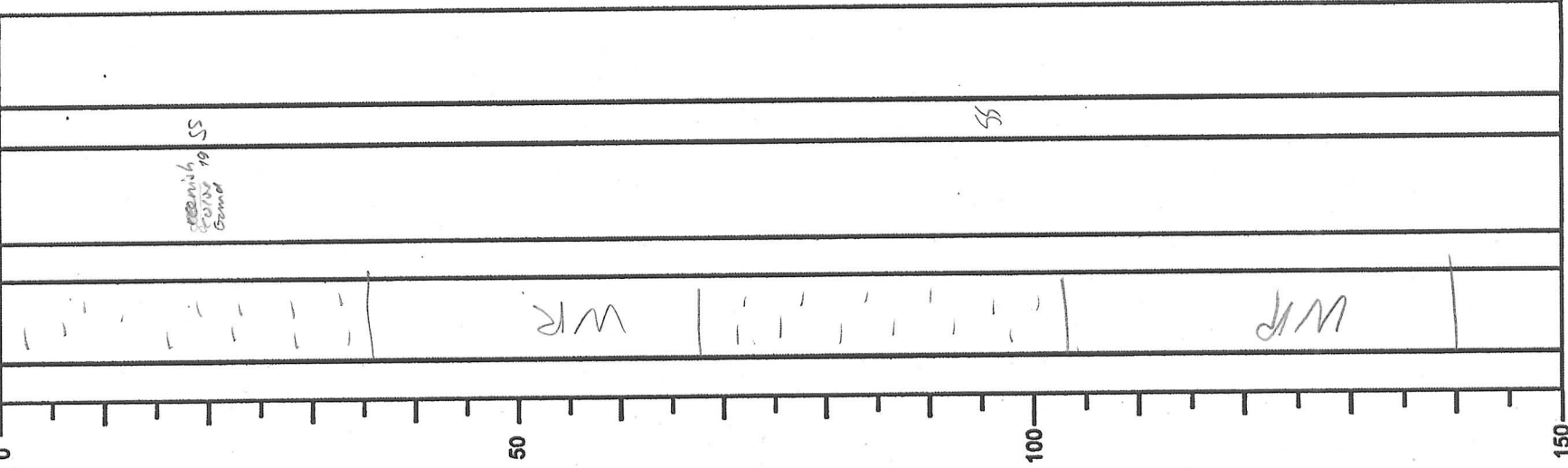
110-115 sandy interval with lots of prisms/frag

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 120
EXP: _____
SITE/HOLE: C00040
CORE: SMR
SECTION: 2
OBSERVER: FJS / KLM

SECTION DESCRIPTION

dark olive gray claystone
as above
impression of slightly sandier
greenish color band 0.5m thick
Variations in CT seen
can not be observed
in core only by slight
differences in the character
and in consistency of drilling
disturbance?

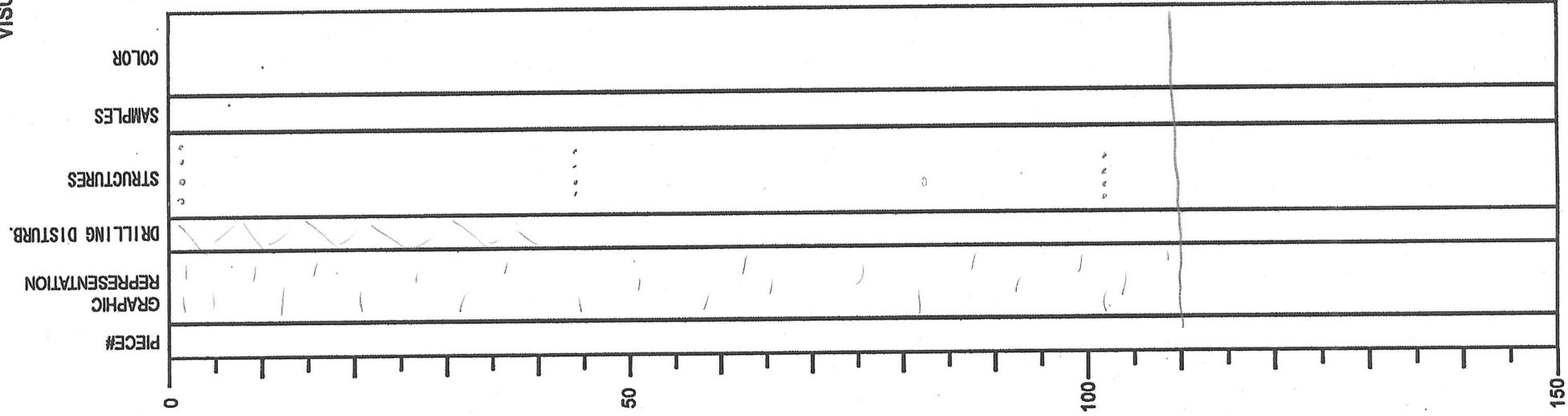


CT description
light at 79 25
114- 124
light drusy brown
transition typ 1-2
at 95
brown? capillary at
130

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO.
 DATE: 26/12/2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 51R
 SECTION: 3
 OBSERVER: TJS/KLM

CT
 high clarity core at 44
 low clarity interval at 86
 probably high clarity at 102



SECTION DESCRIPTION
 Dark olive grey silty claystone
 01 above

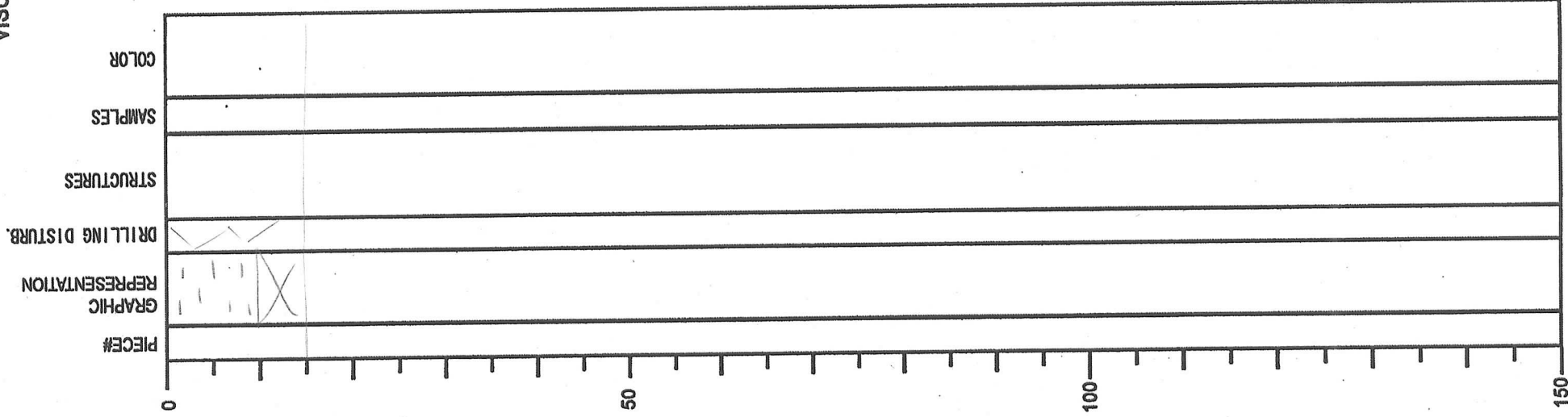
1cm sand layer 94-95

corrosion filled with orange spicules at 88.5

120

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: C00040
CORE: 51R
SECTION: CC
OBSERVER: MS/KLM

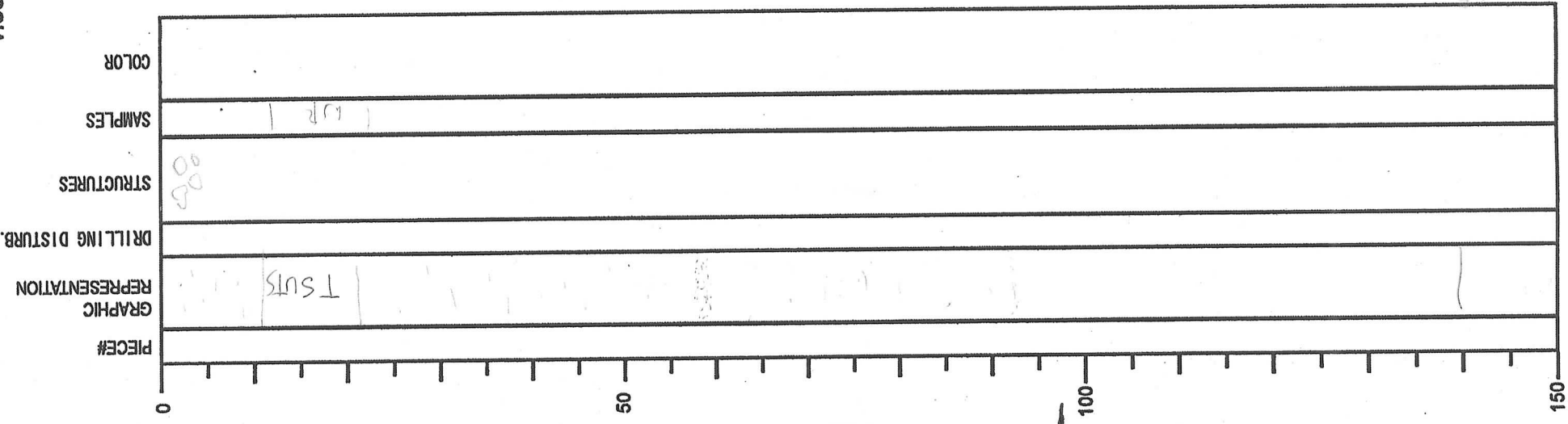


SECTION DESCRIPTION

as above

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. 1
DATE: 12/26/20 07
EXP: 216
SITE/HOLE: C0002D
CORE: 212
SECTION: 1
OBSERVER: KUM/MS



SECTION DESCRIPTION

rubble
dk. olive gray silty claystone
~~CT~~ CT Scan reveals thin
sdy/siltg. interbeds at 40
101
121
parallel lamin. + fissility
sily sd. throughout

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.

DATE: 26 Mar 2007

EXP: 316

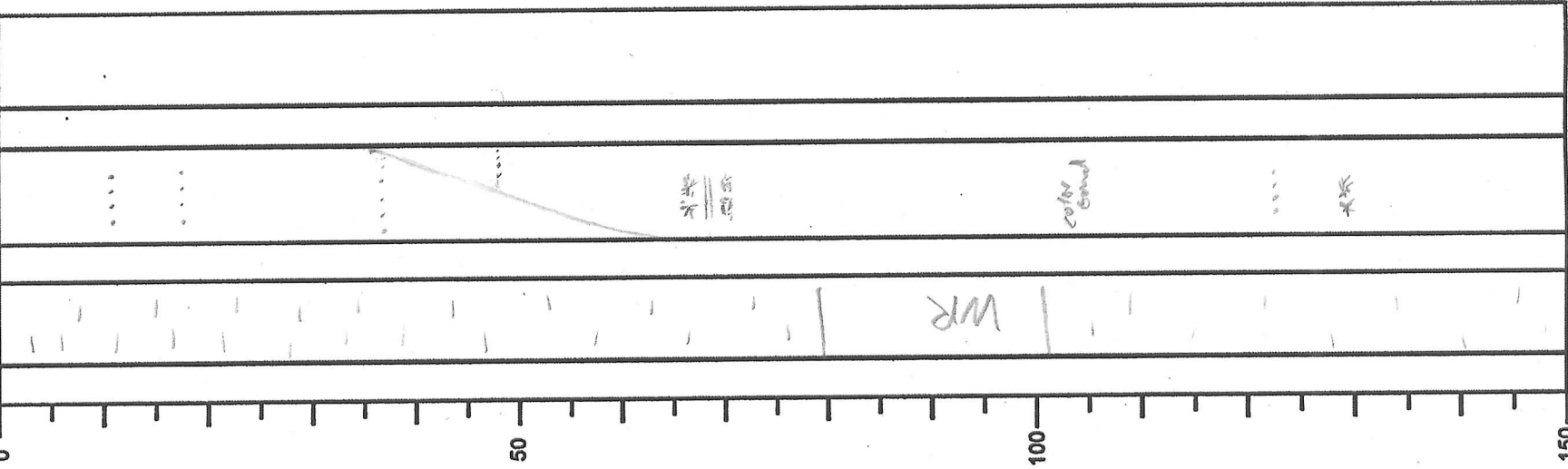
SITE/HOLE: C00040

CORE: 52R

SECTION: 2

OBSERVER: M.S / KL

SECTION DESCRIPTION



⚠ Change in splitting technique

Sandlayers at 11cm ~1cm thick rel. sharp contact
 17cm ~ 1cm thick "
 38 cm - 35 layer not visible but slightly coarse material
 47-49 only one side of the fault

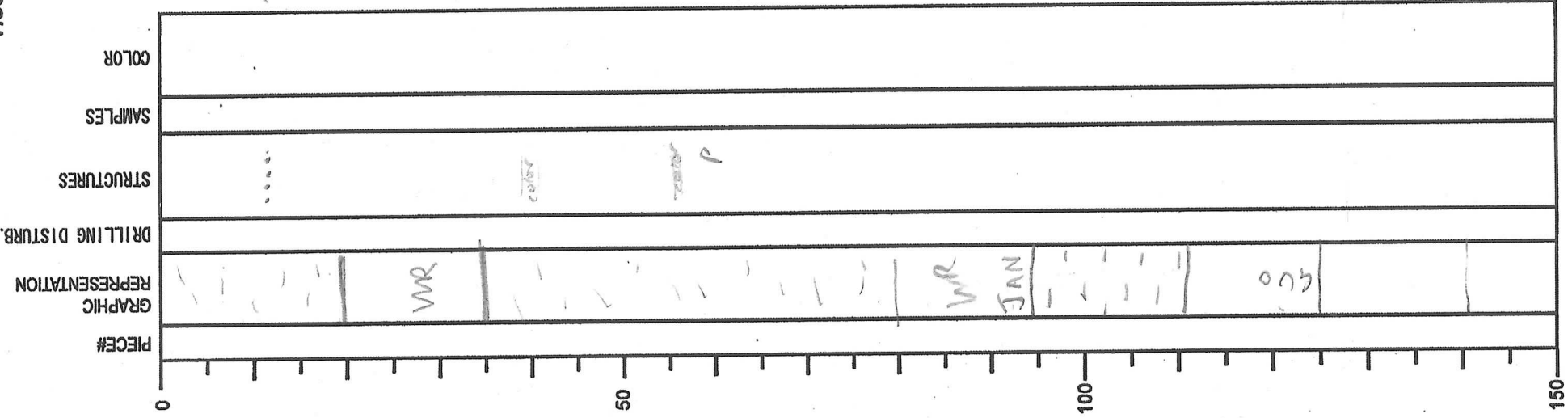
123 1cm rel. sharp contact

dark olive gray silty chrystone
 with intervals showing mottling, chondrites
 color banding and fine sand ~~intervals~~^{intervals}
 and parallel lamination within the sand
 intervals.

→ borrow with sponge spicules at 21 cm
 123 cm

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 1 / 20
 EXP: _____
 SITE/HOLE: C0004D
 CORE: SZR
 SECTION: 3
 OBSERVER: MS/KCM

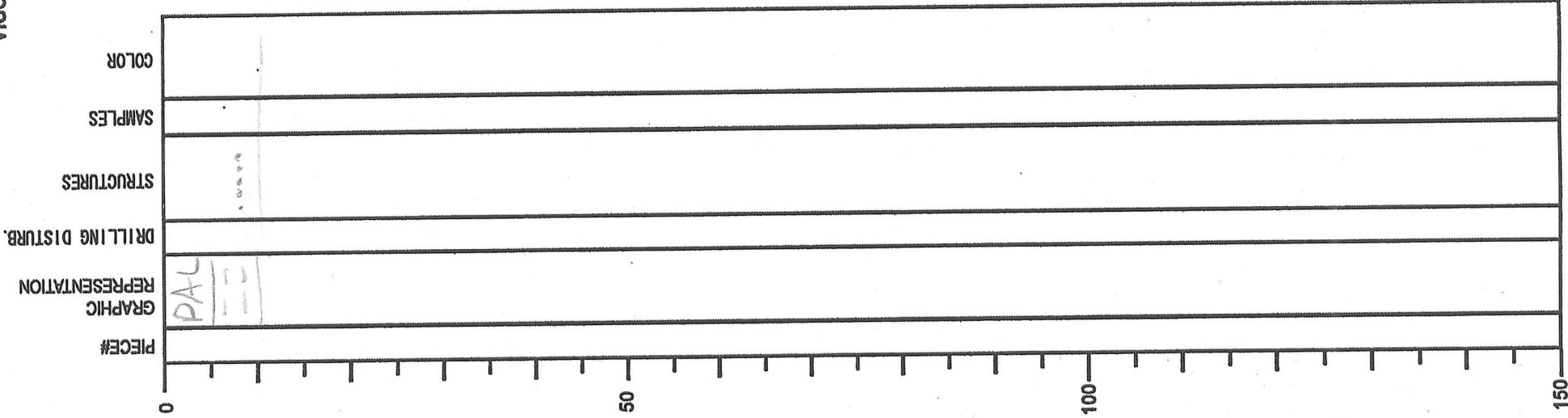


SECTION DESCRIPTION

same dominant lithology
 m-13 sandy layer + parallel lamination
 greenish color banding
 Pyrite nodules in a soft light olive gray matrix
 Spang splenic 13
 59
 72 (big tube)

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 1 / 20
EXP: 316
SITE/HOLE: C000240
CORE: 52R
SECTION: CC
OBSERVER: MS/KLM

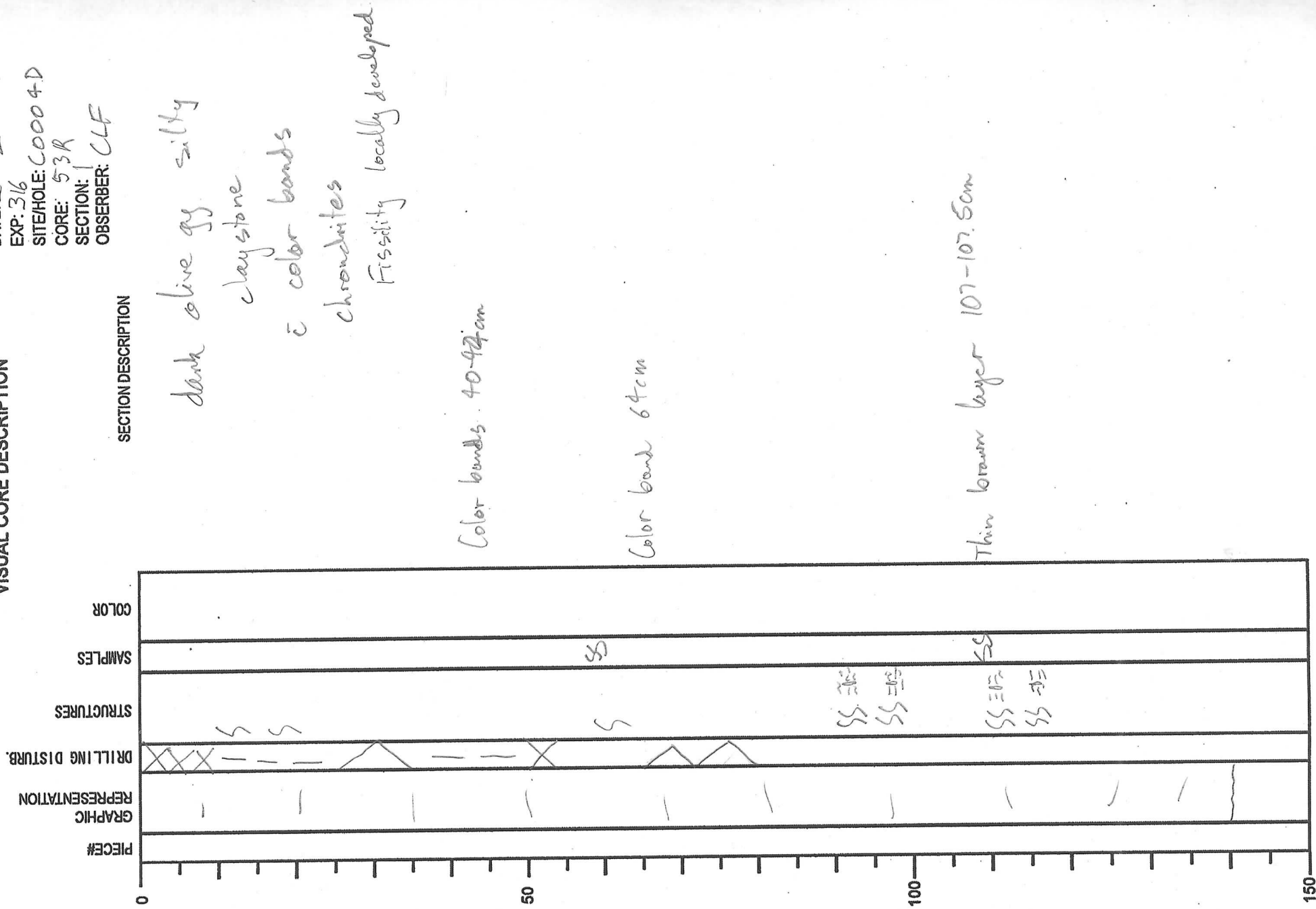


SECTION DESCRIPTION

as above

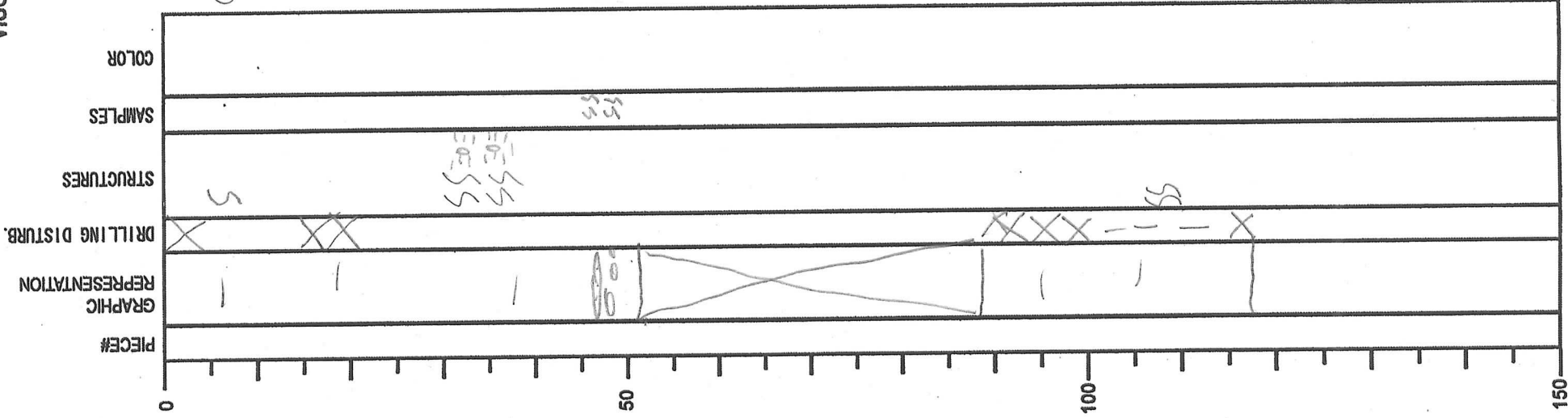
**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. DATE: 2712/2007
 EXP: 316 SITE/HOLE: C0004D
 CORE: 53R SECTION: 1
 OBSERVER: CLF



**INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 27/12/2007
 EXP: 316
 SITE/HOLE: C0004-D
 CORE: 53R
 SECTION: 2
 OBSERVER: CUF



SECTION DESCRIPTION

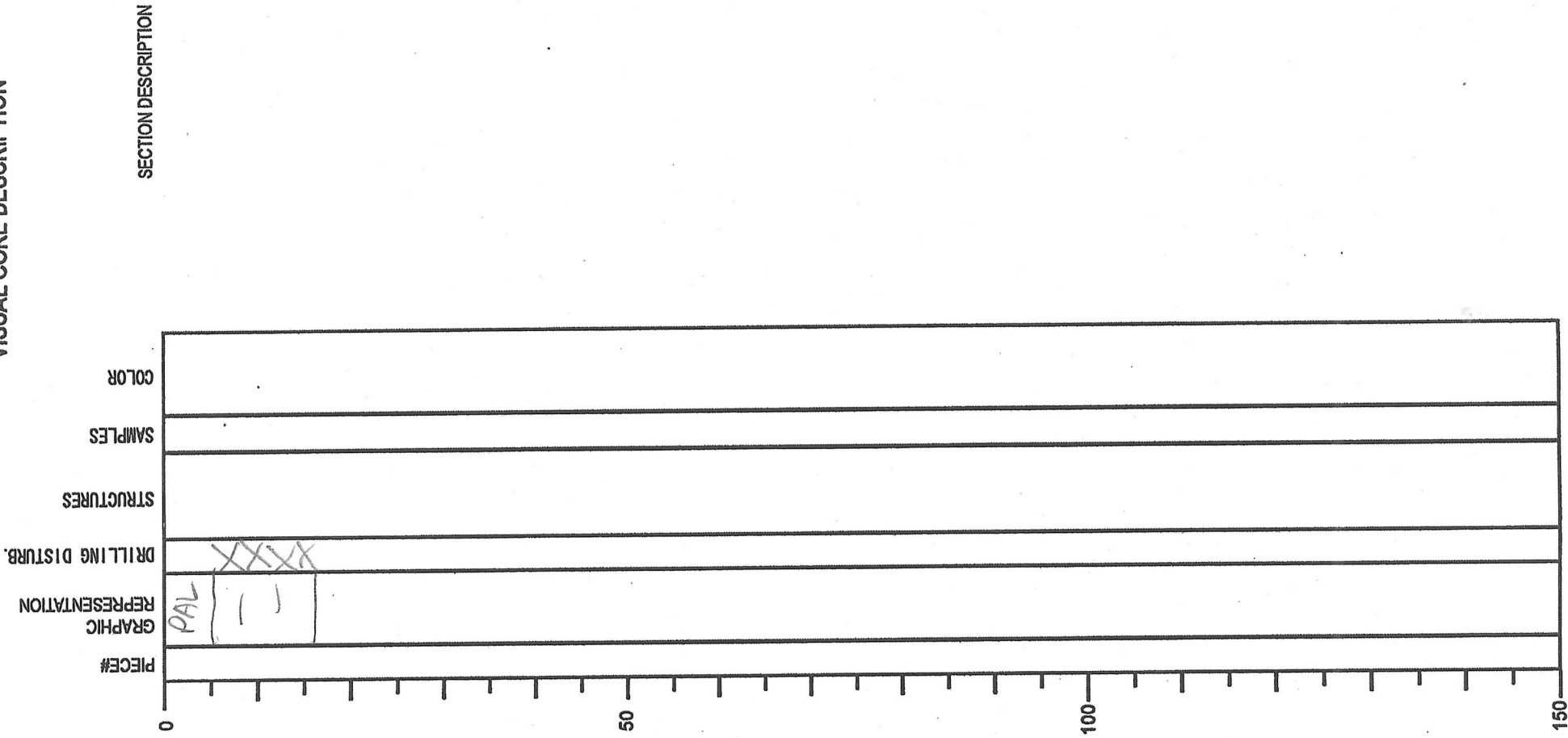
Color band 7-8cm
 dk olive-gy silty claystone

47cm patch of silty material (SS - much the same)
 48cm 3 white oval patches - Lepilli balls

IW

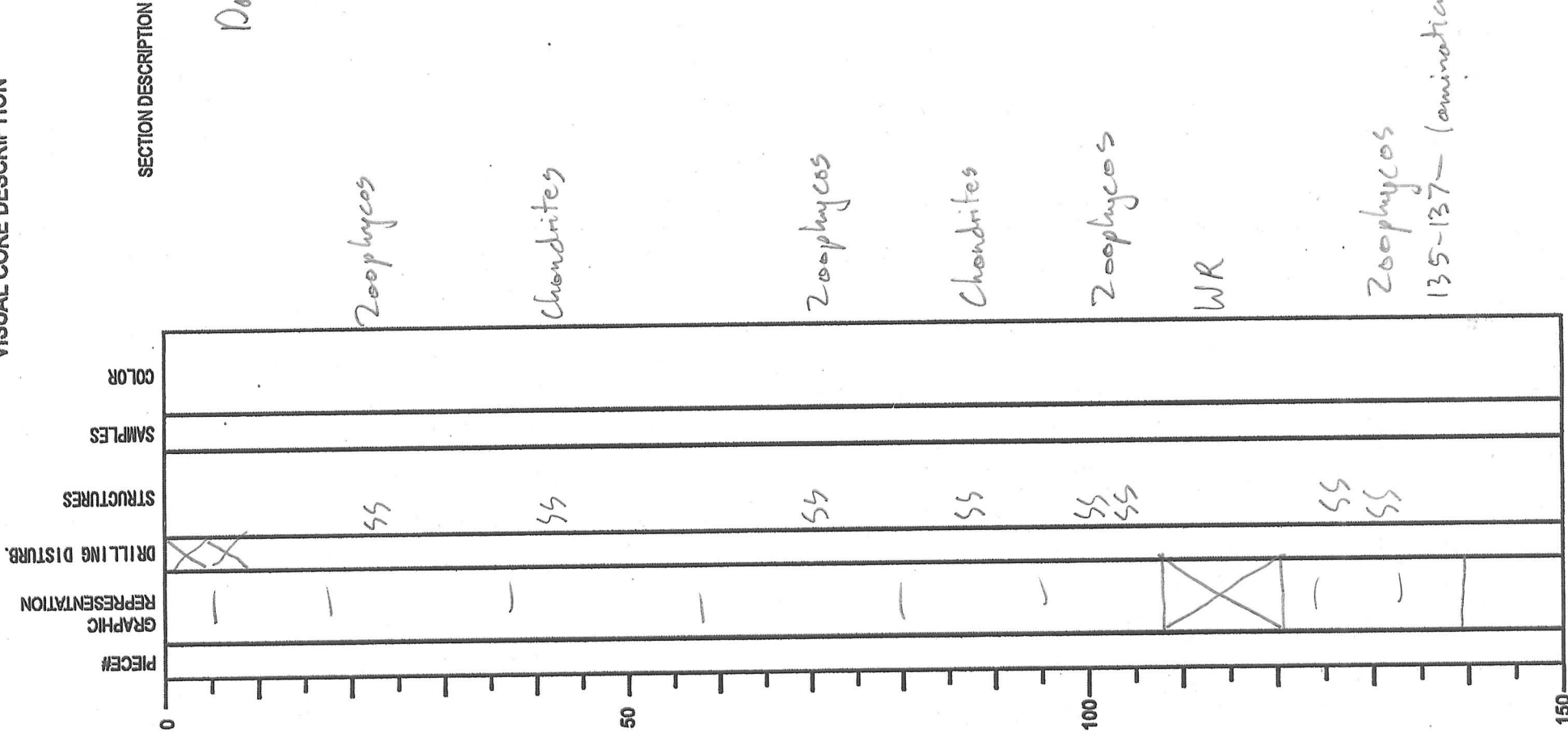
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. 271212007
DATE: 27/12/2007
EXP: 316
SITE/HOLE: C0004-D
CORE: 53R
SECTION: CC
OBSERVER: CLF



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

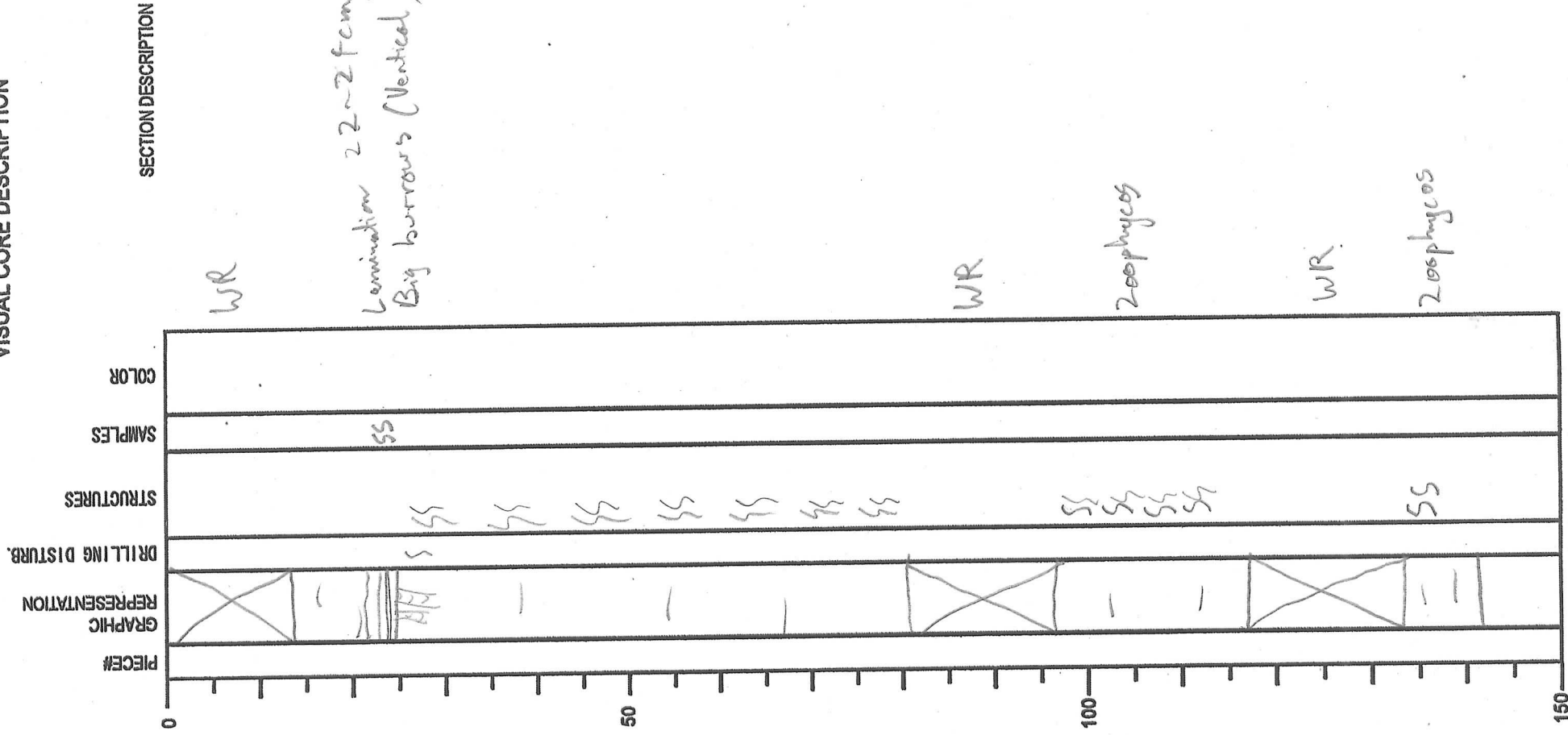
NO. 2711212007
 DATE: 27/12/2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: 54R
 SECTION: 1
 OBSERVER: CLF



Dark olive gy silty
claystone

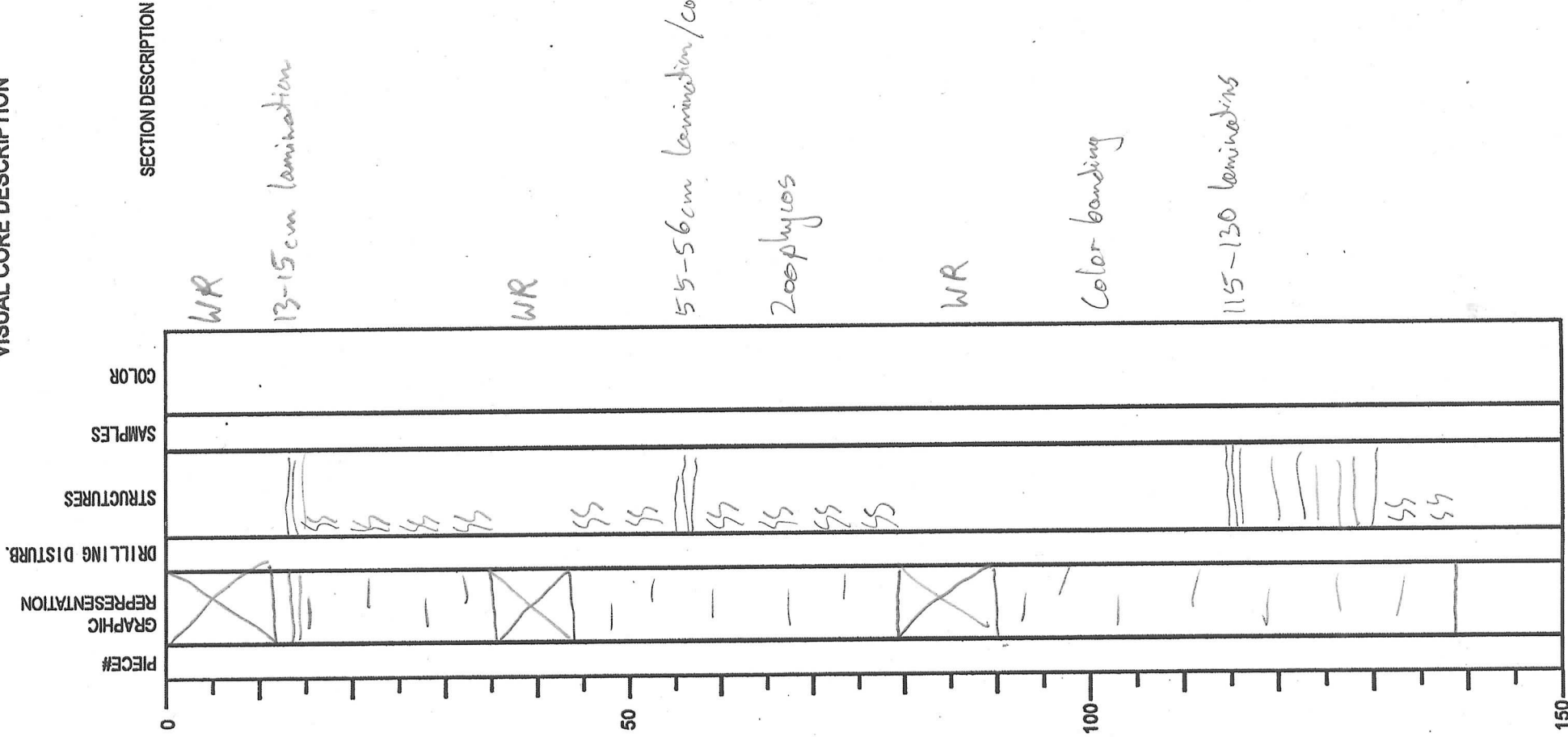
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 27/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 54R
SECTION: 2
OBSERVER: CLF



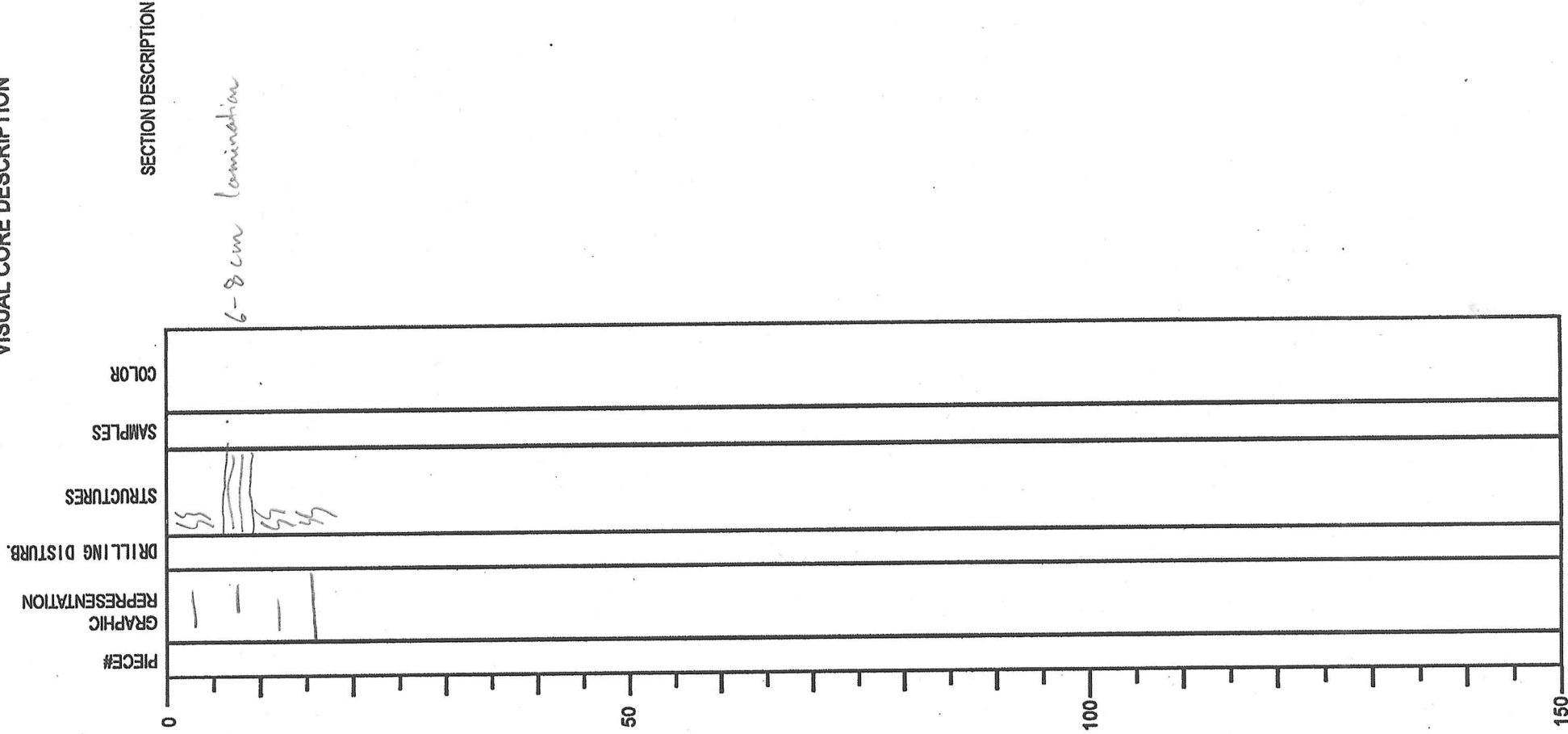
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
 DATE: 27 / 1 / 20
 EXP: 316
 SITE/HOLE: C00044
 CORE: 54R
 SECTION: 3
 OBSERVER: _____



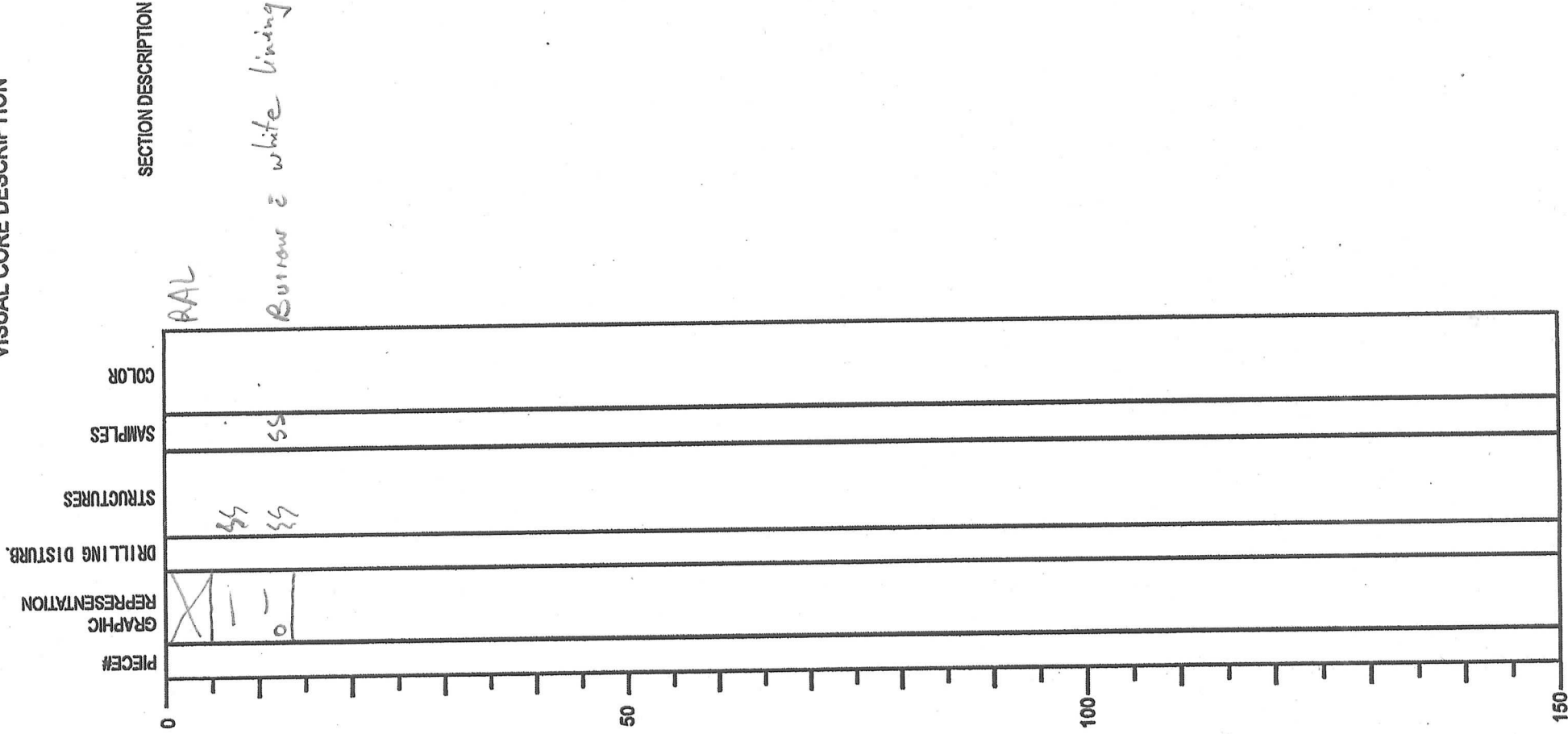
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 27 / 12 / 2007
EXP: 316
SITE/HOLE: C00040
CORE: 54R
SECTION: 4
OBSERVER: CLF



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

NO. DATE: 2712/2007
 EXP: 316 SITE/HOLE: C00040
 CORE: 54R SECTION: CC
 OBSERVER: CCF

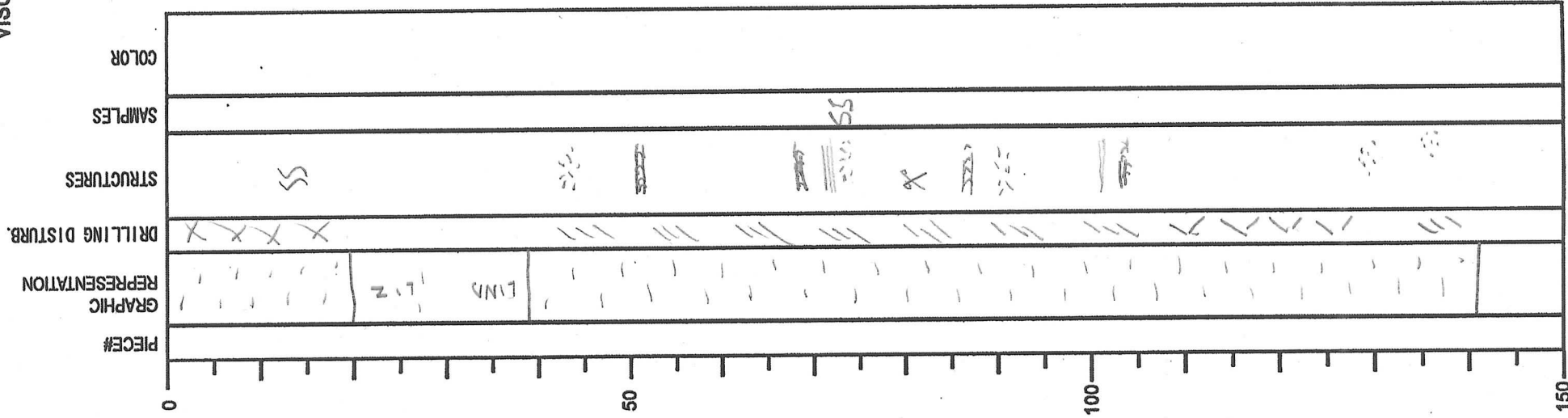


INTEGRATED OCEAN DRILLING PROGRAM VISUAL CORE DESCRIPTION

NO. _____
 DATE: 27 / 12 / 2007
 EXP: 316
 SITE/HOLE: C0004D
 CORE: SSR
 SECTION: 1
 OBSERVER: UN

SECTION DESCRIPTION

stark blue grey silty clay, moderately
 bioturbated by zoophycos + chaobrites.
 Colour actually alternates between
 olive grey and greenish grey on a 1-10
 cm scale



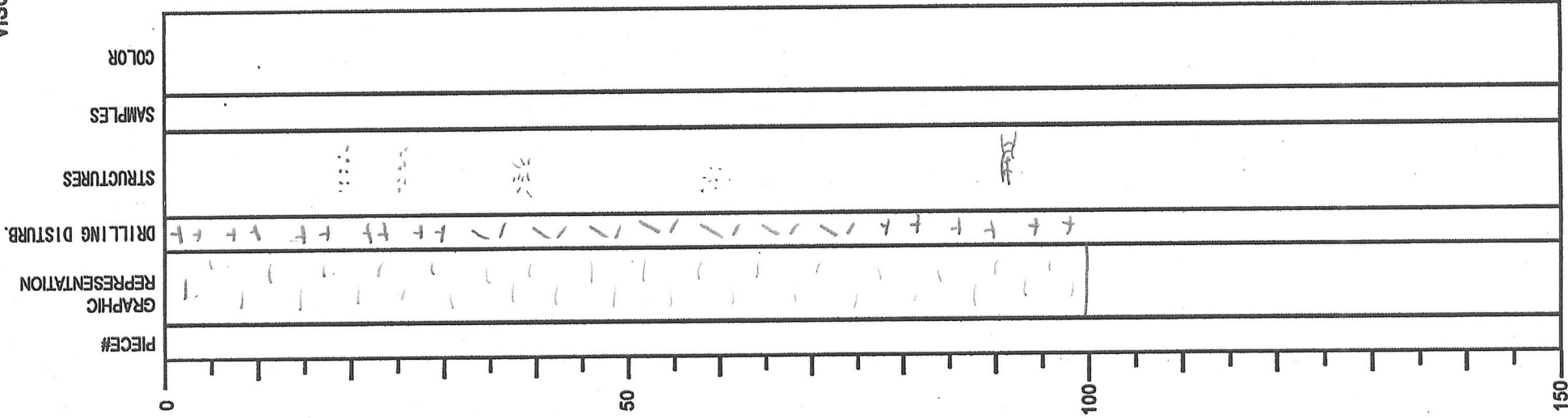
- sparse spicula burrow lining

slightly divergent lamination

scattered
 - sand grains / sandy patches, probably part of burrow
 fill

**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 12/20/67
 EXP: 316
 SITE/HOLE: C-0004-D
 CORE: SSR
 SECTION: 2
 OBSERVER: UN



SECTION DESCRIPTION

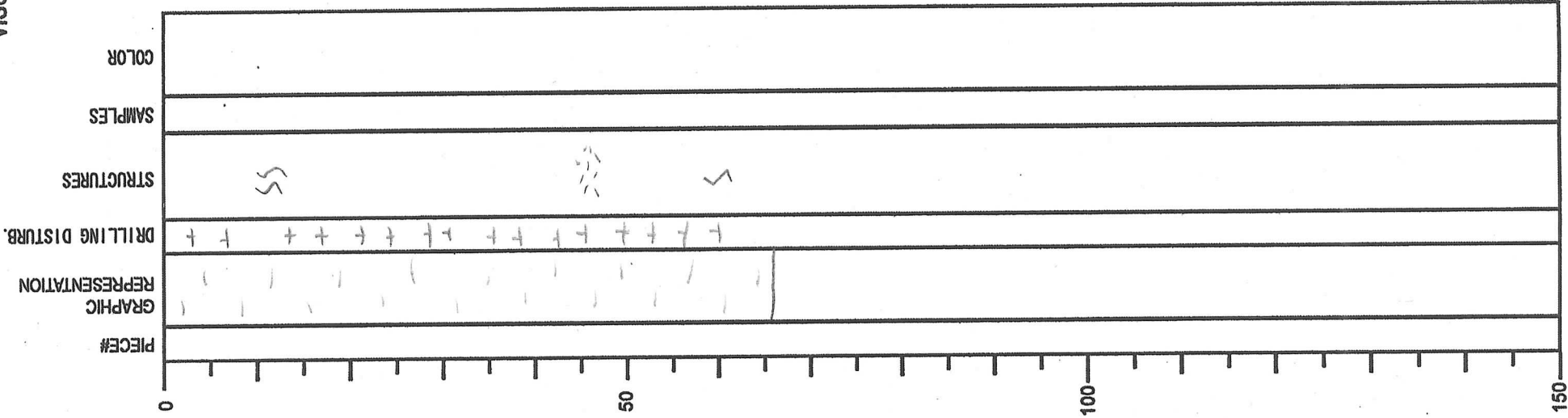
as previous.

1.5 cm thick silt/s.f. mud layer

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

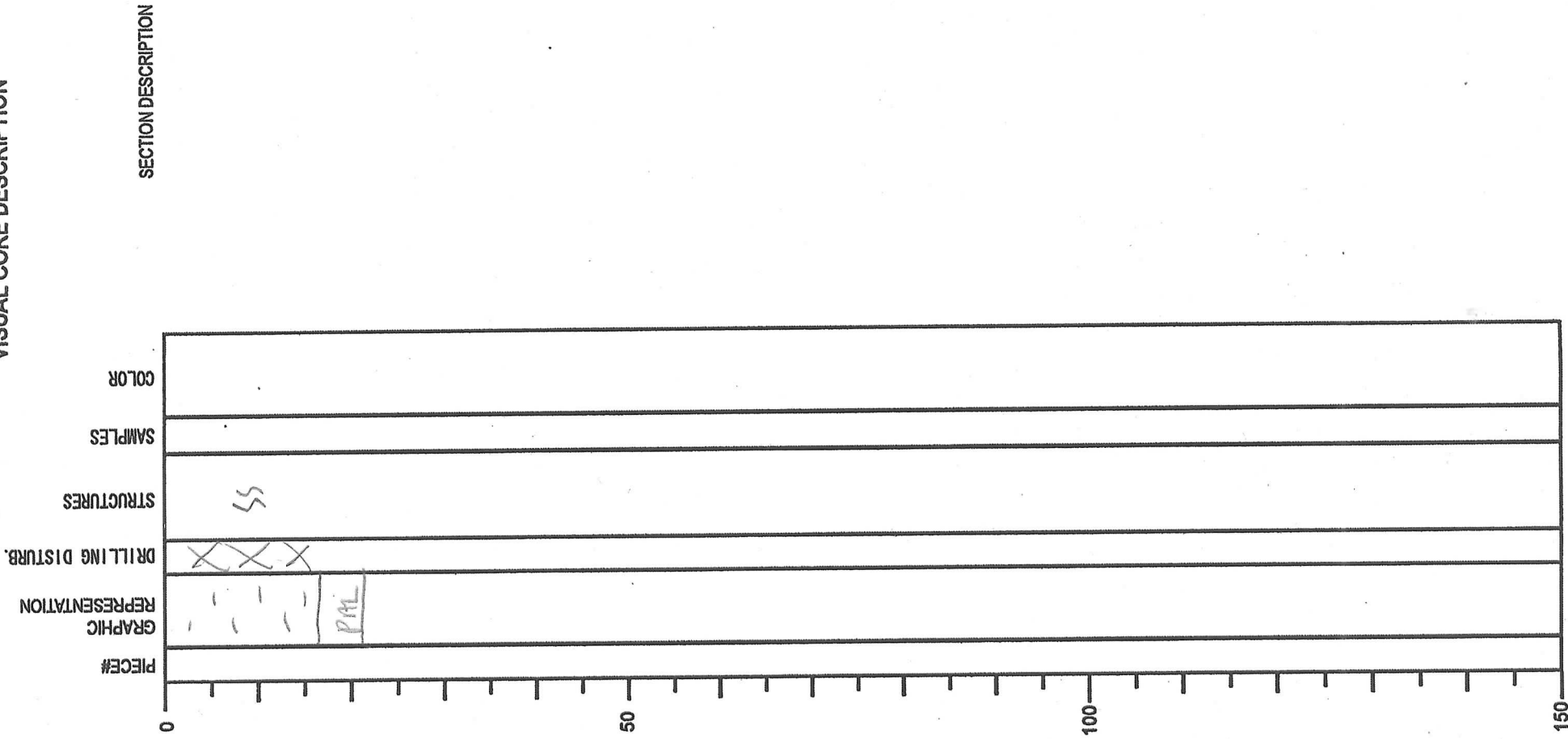
NO. _____
 DATE: 27/12/2007
 EXP: 3/6
 SITE/HOLE: C0004A
 CORE: SSR
 SECTION: B
 OBSERVER: UN

SECTION DESCRIPTION



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 27/12/2007
EXP: 316
SITE/HOLE: C0004D
CORE: 55R
SECTION: 4 (CC)
OBSERVER: vN



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.

DATE: 27/12/2007

EXP: 316

SITE/HOLE: C 000 4D

CORE: 56R

SECTION: 1

OBSERVER: UN

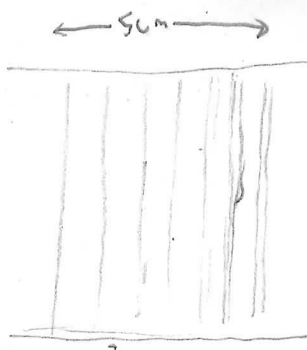
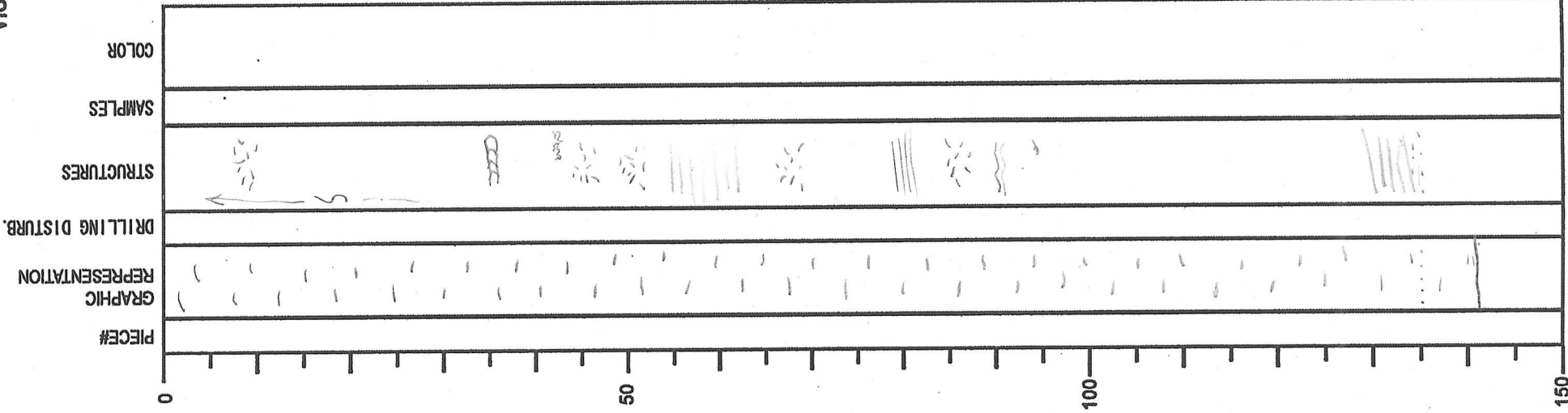
SECTION DESCRIPTION

olive grey silty ~~fine~~ claystone, mild to moderate bioturbation

- small, narrow (close) ~~to~~ white, tube-like features
- sponge spicules agoni.

- slightly wavy laminations (low amplitude)
- little organic matter

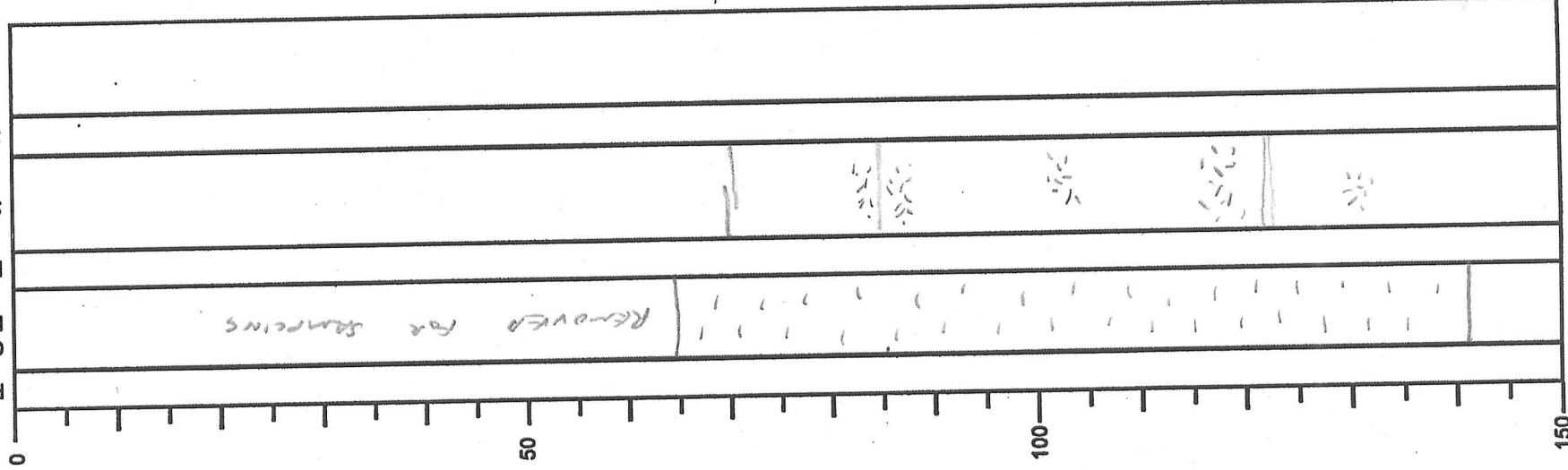
- mostly parallel laminations
with some slight undulations
on individual laminae
- slightly ~~to~~ silty base



**INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION**

NO. _____
 DATE: 27 / 12 / 2006
 EXP: 3/6
 SITE/HOLE: C-000 4D
 CORE: 56 R
 SECTION: Z
 OBSERVER: UN

PIECE# _____
 GRAPHIC REPRESENTATION _____
 DRILLING DISTURB. _____
 STRUCTURES _____
 SAMPLES _____
 COLOR _____
 SECTION DESCRIPTION



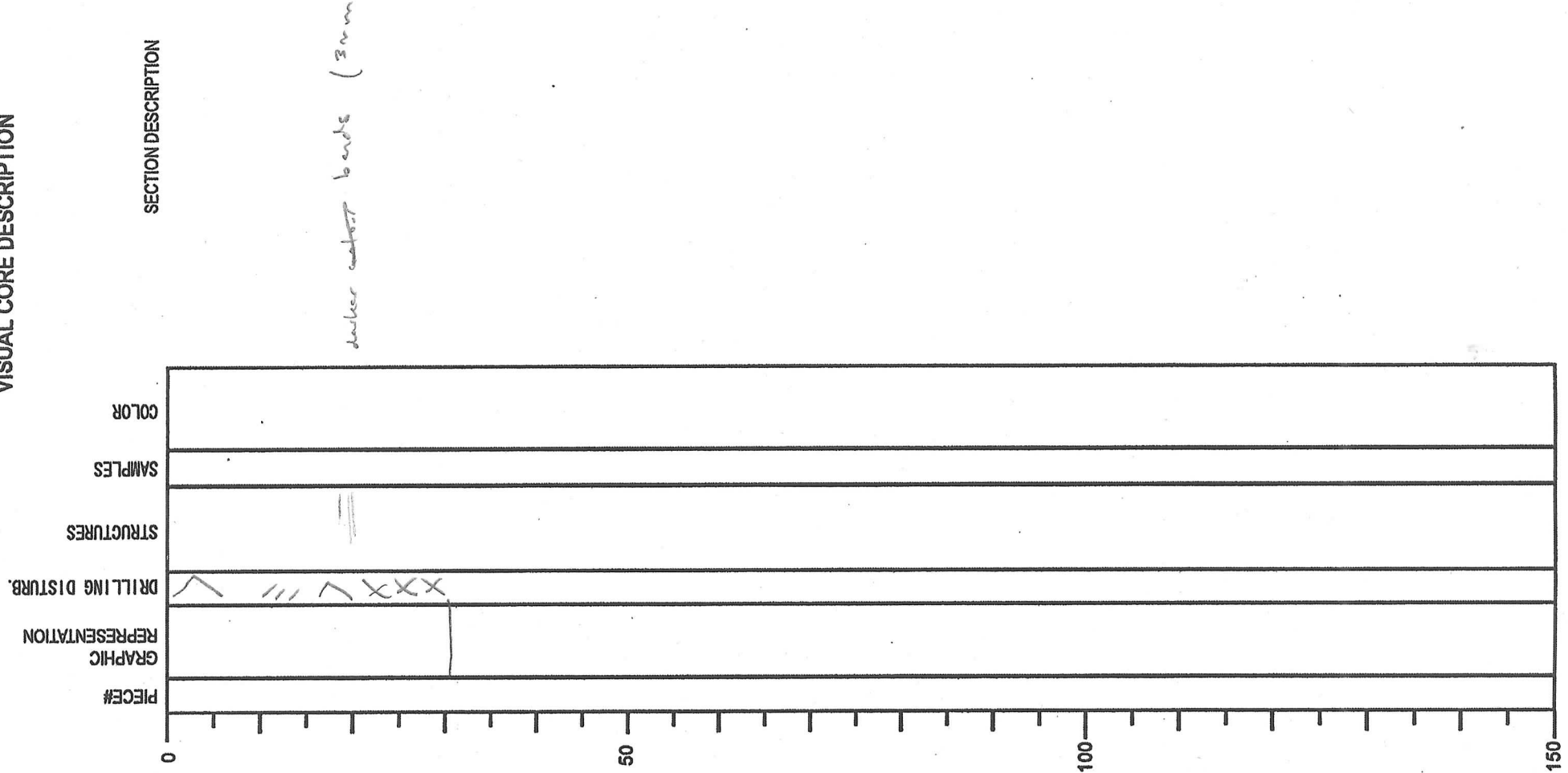
thin dark grey laminations, en-echelon like overlap, with both beds being discontinuous

dark grey laminations → not intersected by channels burrows on either side

- slightly parting/divergent laminations

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 27/12/2006
EXP: _____
SITE/HOLE: _____
CORE: 96R
SECTION: 3
OBSERVER: UN



INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO. _____
DATE: 22/12/2006
EXP: 311
SITE/HOLE: C0004D
CORE: 56R
SECTION: CC
OBSERVER: UN

SECTION DESCRIPTION

END OF HOLE
C0004D

