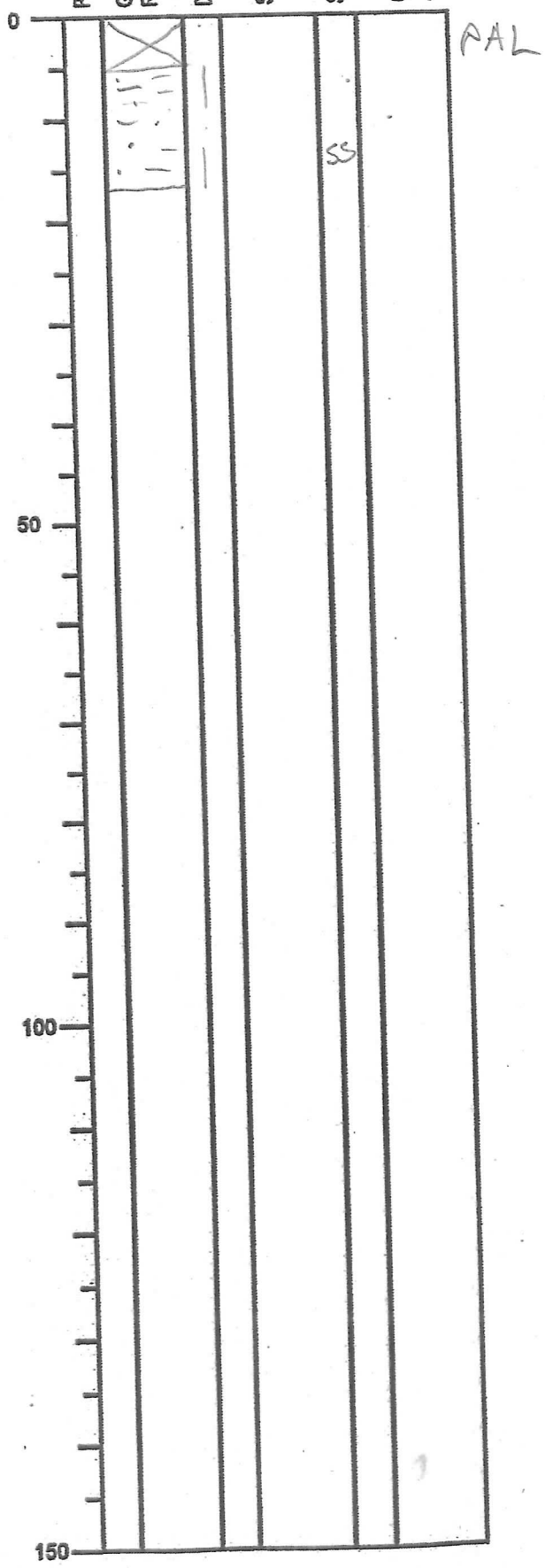
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 2011 / 20 08.
EXP: 316
SITE/HOLE: C0007D
CORE: 1R
SECTION: CC
OBSERBER: CLF



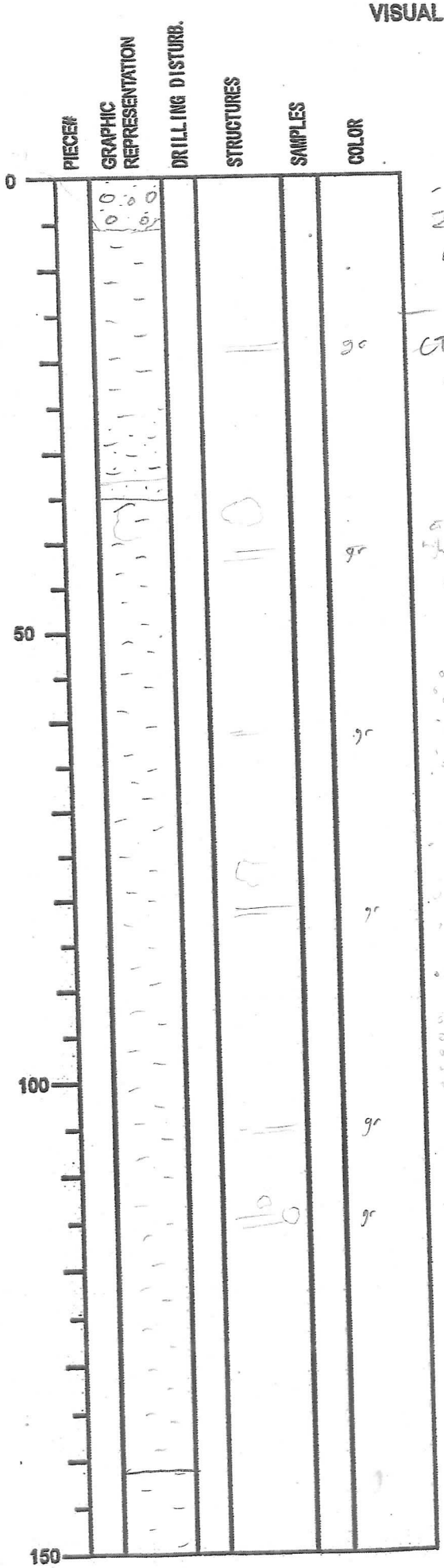
PAL

SECTION DESCRIPTION

Greenish-gray silty sand (v.f.), + clayey silt with hardish mudstone fragments (wrapped in plastic along side of core).

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 20 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 3C2
SECTION: 1
OBSERBER: UN



SECTION DESCRIPTION

- medium - pebble grained conglomerate with coarse sandy matrix. very varied clast assemblage; sedimentary fragments, metamorphic lithics, Igneous / feldspar, vein quartz — notably different to shell C. - very well cemented. Is this a large cobble or a layer?

Greenish grey
Silty clay, with thin rich sand beds and regularly spaced calcium bands every 20cm or so.
- large rounded clasts or nodules found in working half core.
- CT scan shows pebble size objects scattered throughout core with relatively high CT number
- pebbles or pyrite nodules ??

CT

CT high

- bands of CT high concentrated round outside of core - pebbles

- strange 'ripple-like' feature in CT

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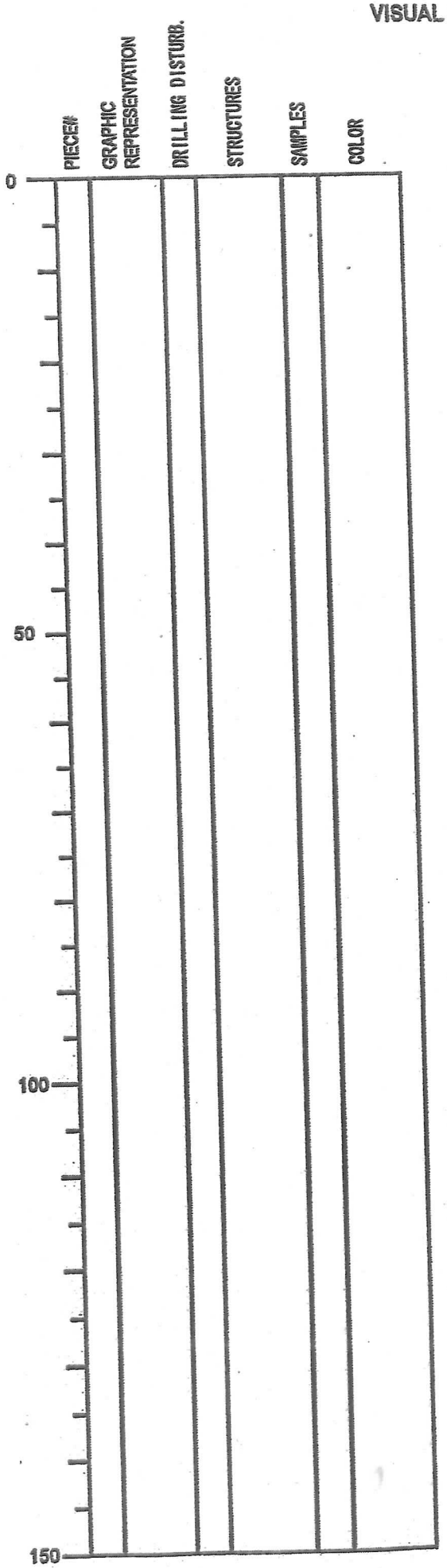
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

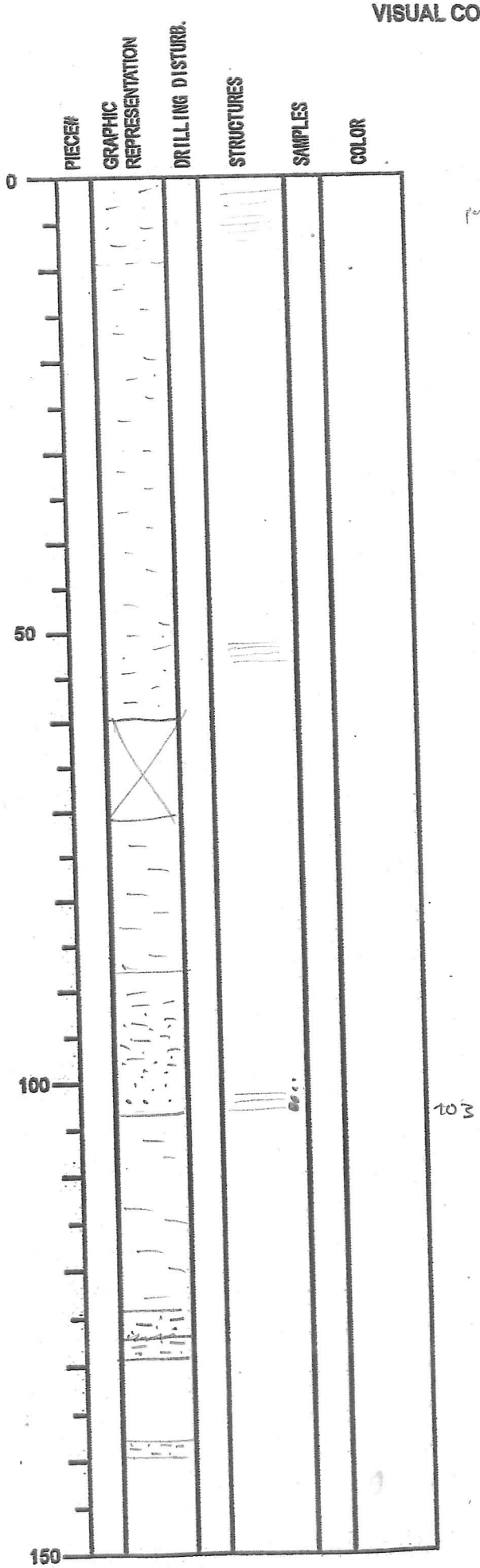
NO.
DATE: / / 20
EXP:
SITE/HOLE:
CORE:
SECTION: 2
OBSERBER:



I W

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 20/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 3R
SECTION: 3
OBSERBER: UN

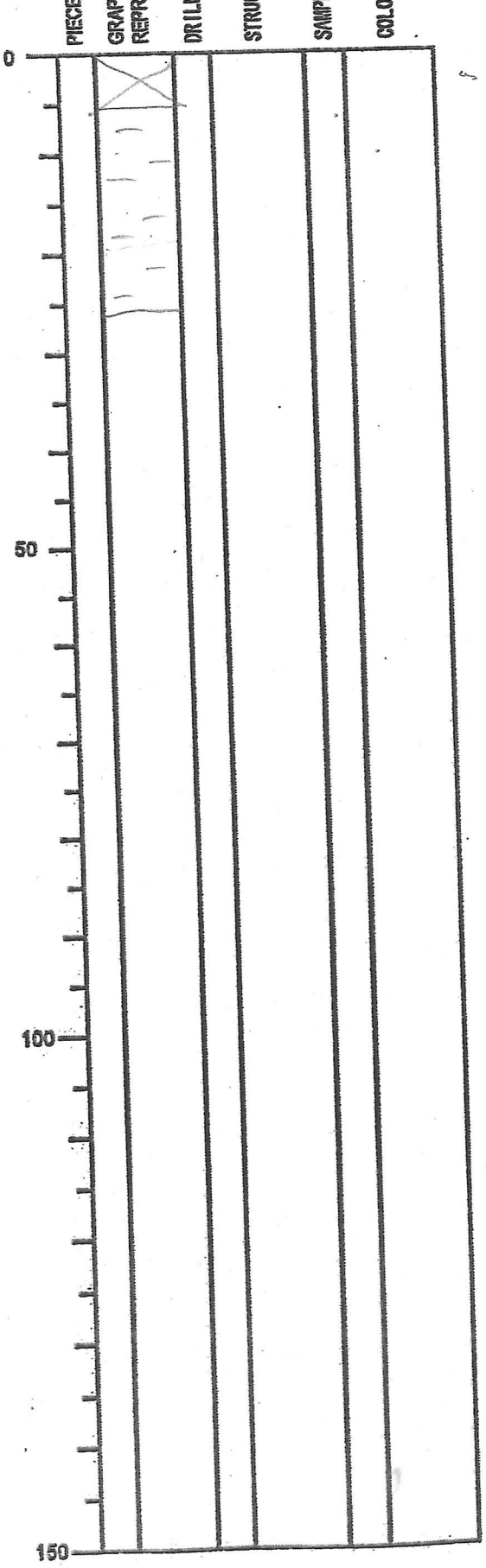


SECTION DESCRIPTION

~~[illegible]~~ laminated
parallel laminations olive gray/greenish gray silty clay and clayey silt
looks heavily bioturbated on CT section, not easy to see in core

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 20 / 01/2008
EXP: 316
SITE/HOLE: C0007P
CORE: 3R
SECTION: CC
OBSERBER: UN



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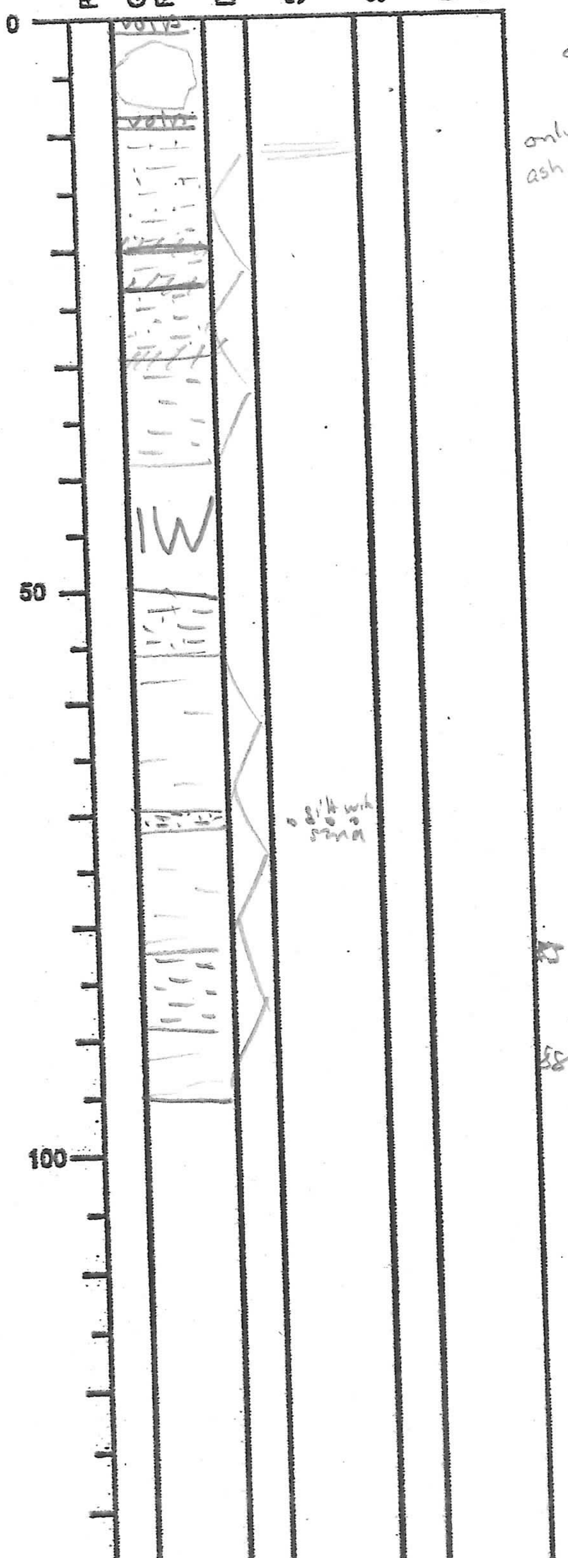
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP: 316
SITE/HOLE: C0007D
CORE: 4R
SECTION: 1
OBSERBER: MS / KLM

PIECE | GRAPHIC REPRESENTATION | DRILLING DISTURB. | STRUCTURES | SAMPLES | COLOR



SECTION DESCRIPTION

cc-cemented heavily bioturbated mostly microcrystall. carbonate – some is calcite, containing poss. dolo ?? only a trace of different associated lithotypes

only a trace of ash, qtz, feld.

~~Ash ??~~
~~silty clay?~~
~~silt?~~

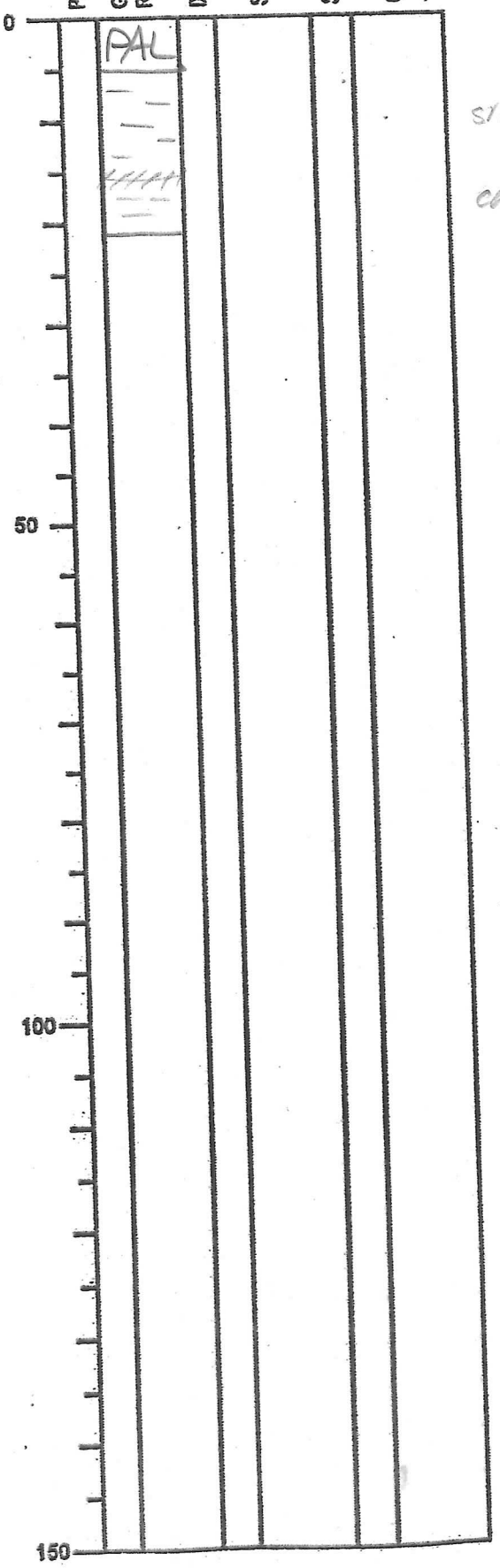
greenish (to dark greenish) gray silty clay (stone) with interbedded thin silt (with sand) layers that ~~probably~~ occasionally show parallel lamination

clayey silt

Ver.0.10_0

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

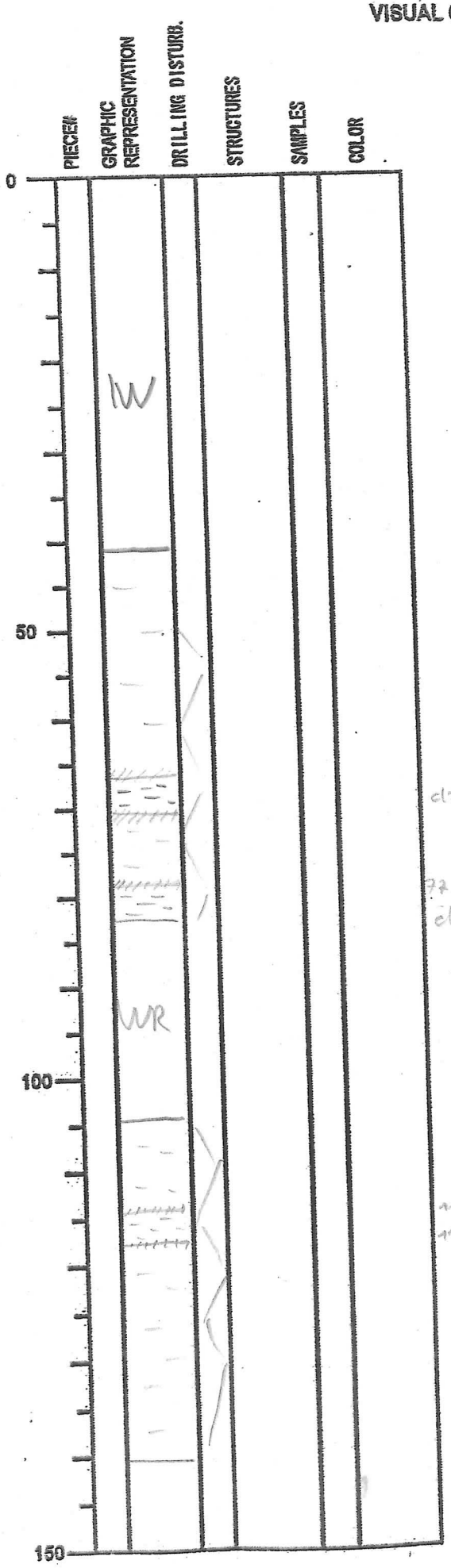
DATE: / /20
EXP: 316
SITE/HOLE: C0007D
CORE: 4R
SECTION: CC
OBSERBER:



Ver.0.10_

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 2017/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 5R
SECTION: 1
OBSERBER: MS / KLM

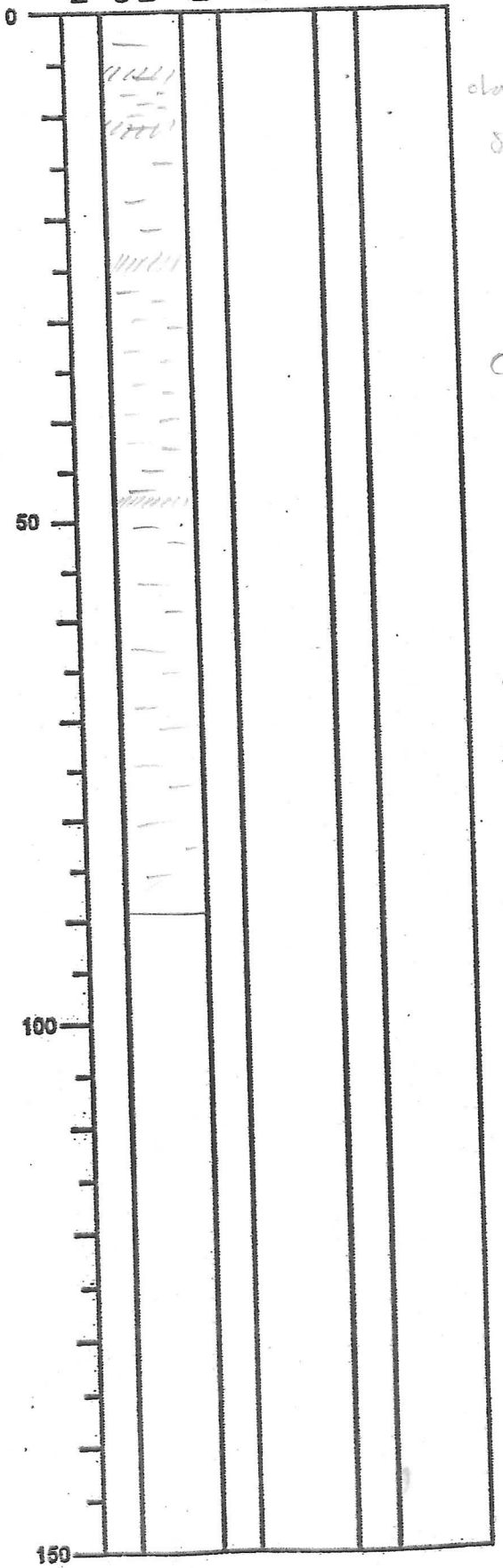


SECTION DESCRIPTION

greenish (to dark greenish) silty clay with some intervals being slightly coarser (clayey silt)
heavily drilling disturbed
therefore ~~small~~ silt layers may not always be observable

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

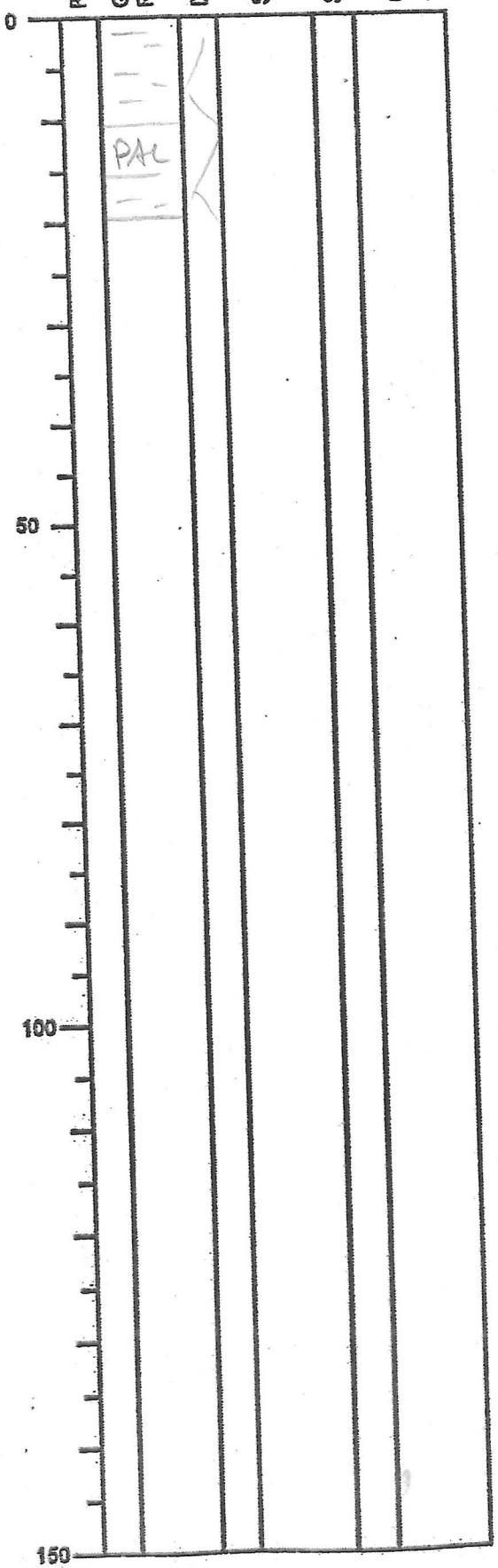
DATE: / /20
EXP:
SITE/HOLE: C0007D
CORE: 5R
SECTION: 2
OBSERBER: MS/KLM



Ver.0.10_

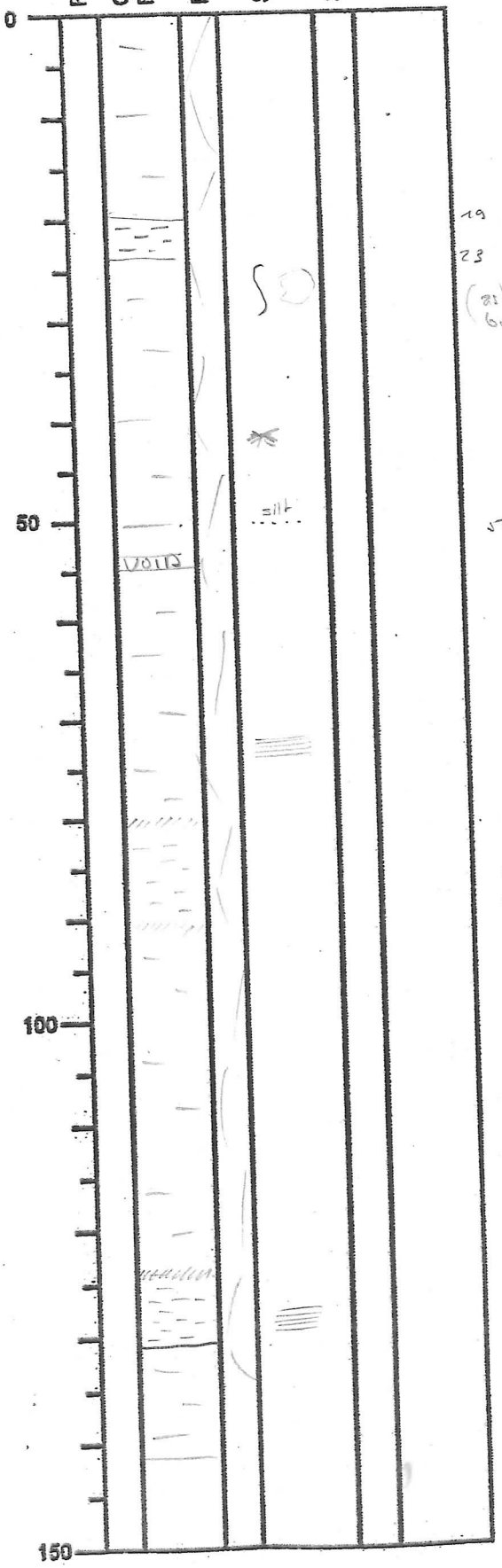
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / / 20
EXP:
SITE/HOLE:
CORE:
SECTION:
OBSERBER:



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP: 316
SITE/HOLE: C0007O
CORE: 6R
SECTION: 1
OBSERBER: TS/FCH

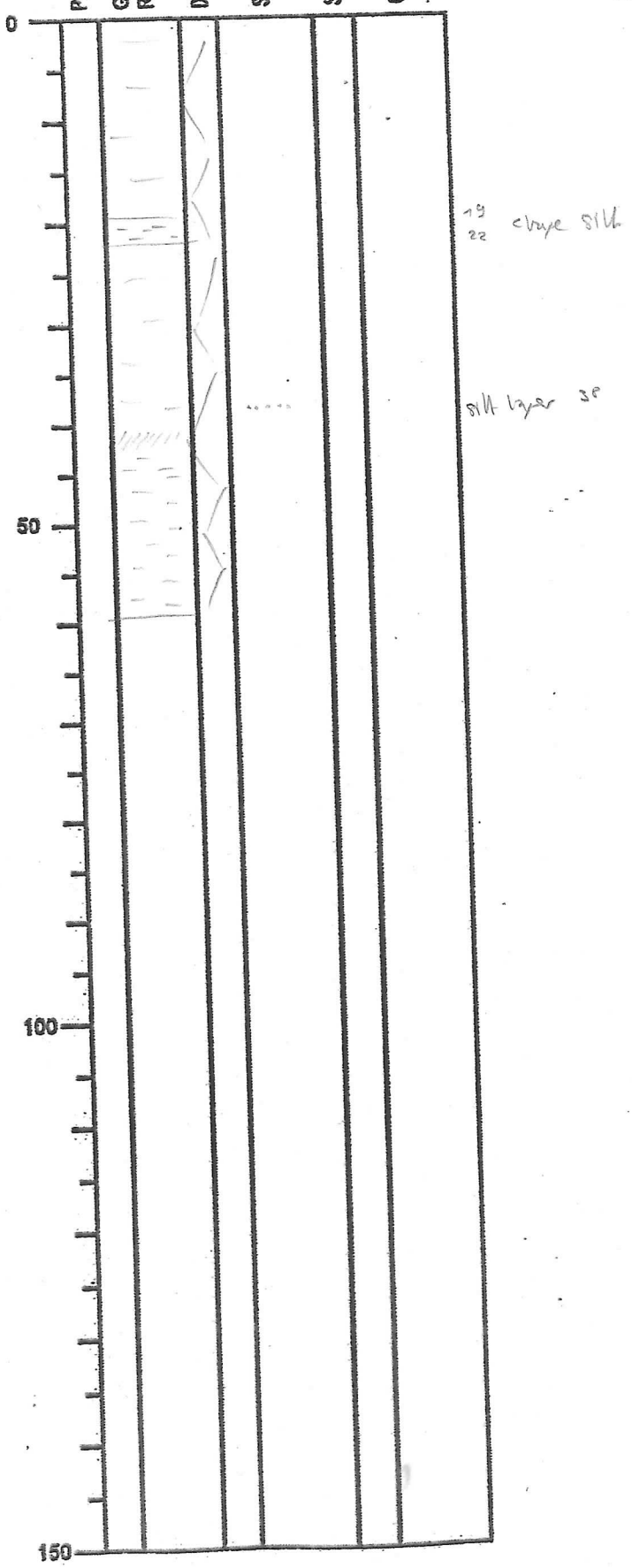


SECTION DESCRIPTION

greenish gray silty clay
slightly bioturbated with
occasional chondrites and slight greenish color mottling
interbedded with clayey silt
and silt layers that often
show parallel lamination
generally heavily drilling disturbed

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE: C0007D
CORE: 6R
SECTION: 2
OBSERBER: MS/KCM



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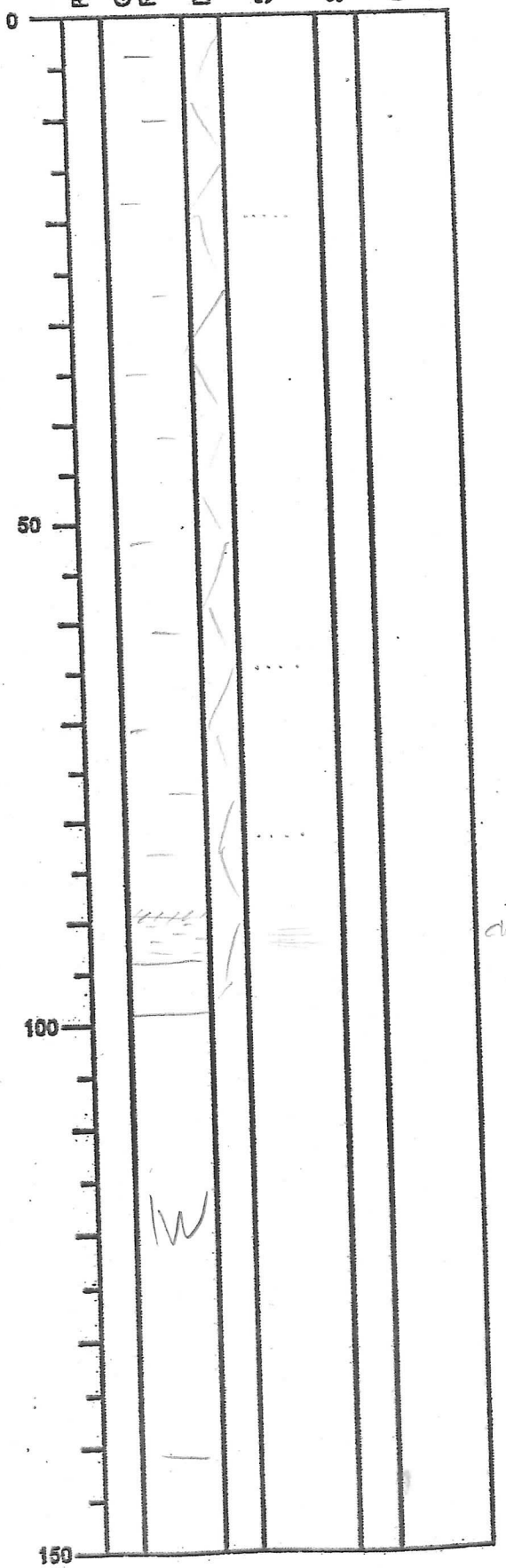
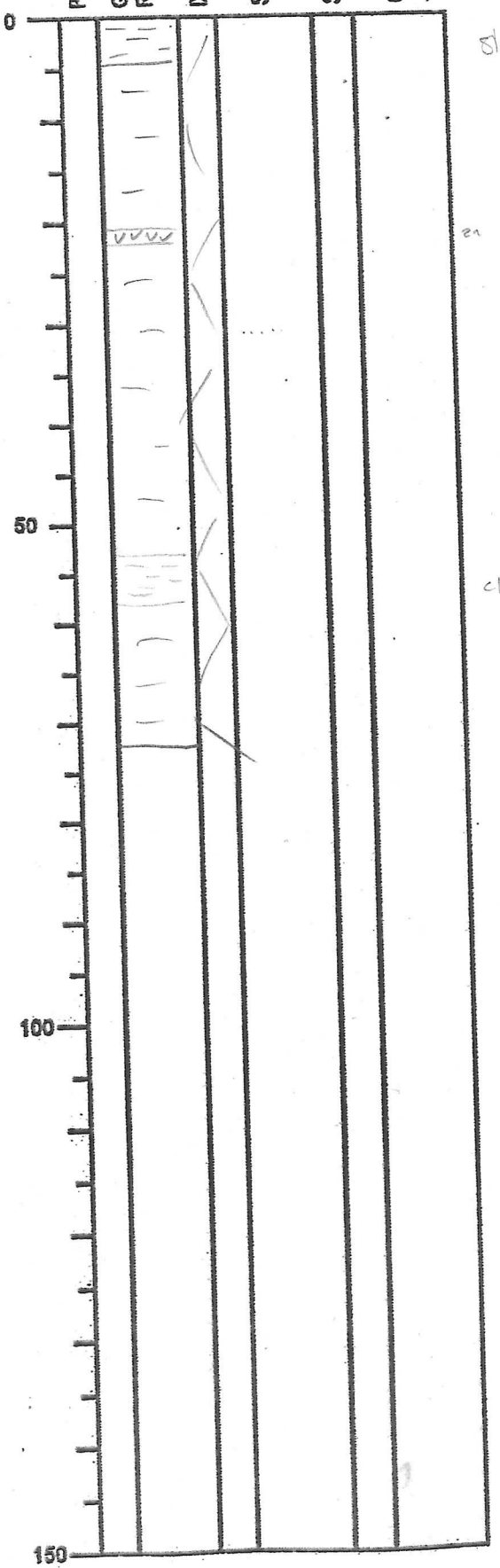
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP: 316
SITE/HOLE: C0007D
CORE: 6R
SECTION: 3
OBSERBER: MS/KLM



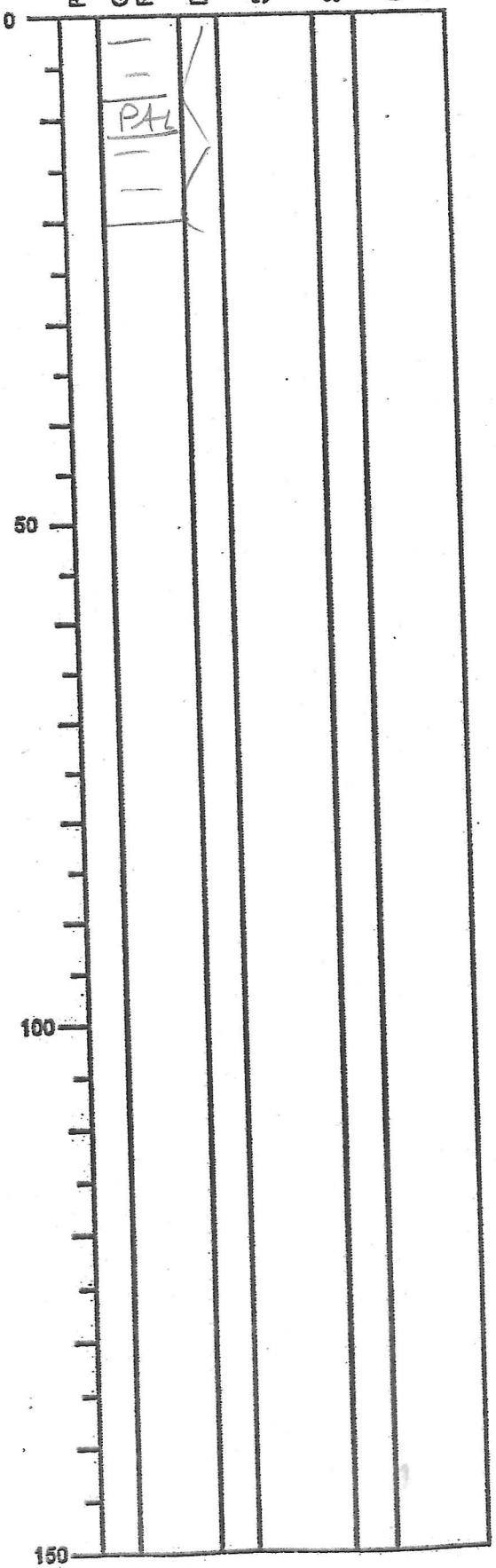
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 1 /20
EXP:
SITE/HOLE:
CORE: 6R
SECTION: 5
OBSERBER: MS/KLM



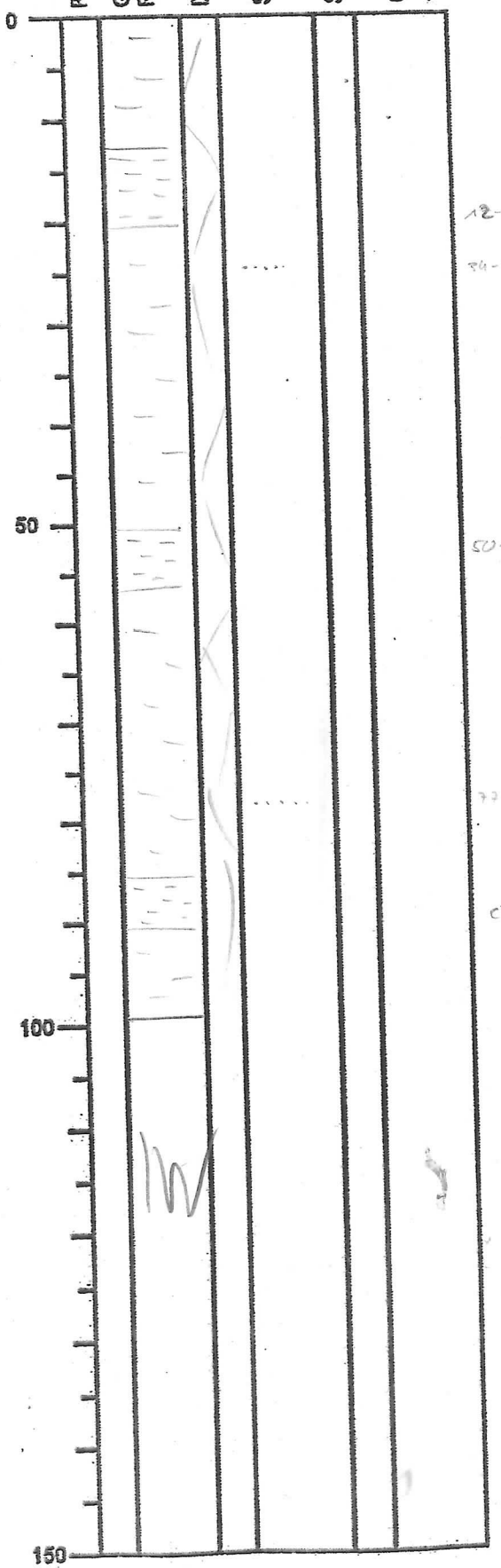
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 6R
SECTION: CC
OBSERBER: MS/KCM



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 1 /20
EXP: 316
SITE/HOLE: C0007D
CORE: 7R
SECTION: 1
OBSERBER: MS/KLM



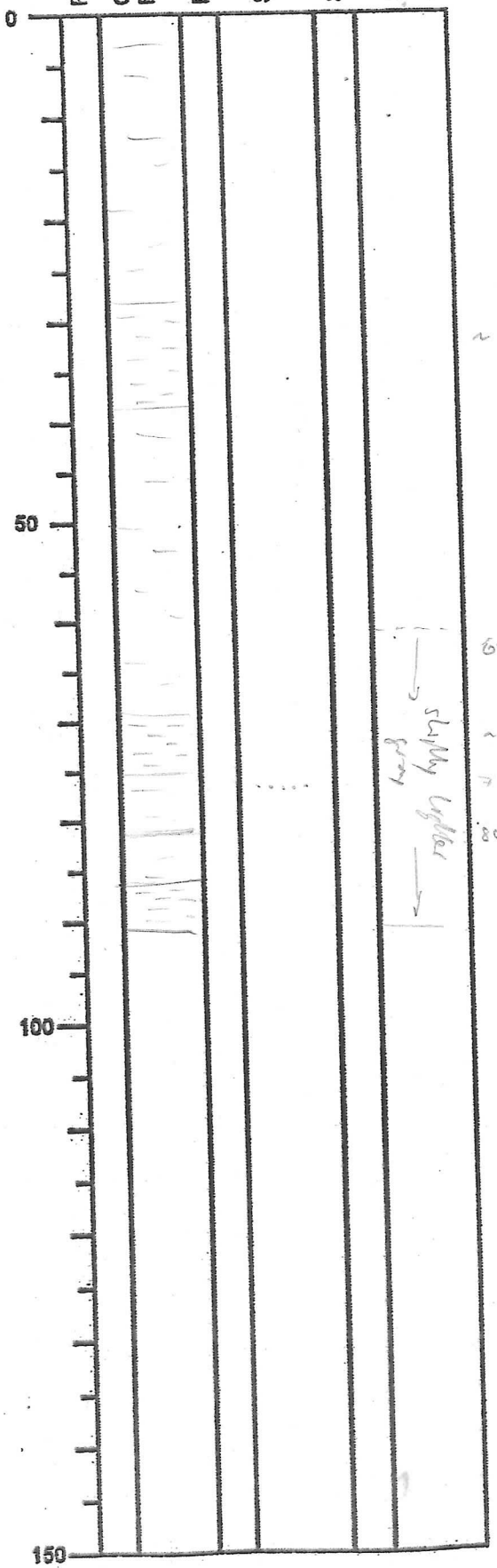
SECTION DESCRIPTION

greenish gray silty clay
~~this~~ with thin interbedded
clay silt layers
heavily drilling disturbed

Ver.0.10_

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 7R
SECTION: 2
OBSERBER: MS / KLM



SECTION DESCRIPTION

as above: below 60cm the color hue is slightly more light gray and thin 1m - 5m thick dark gray layers very fine grained

~ 28-38 clayey silt

65+66 very thin 1mm thick. dark gray very fine laminae deformation bands ?

~ 68-74 clayey silt

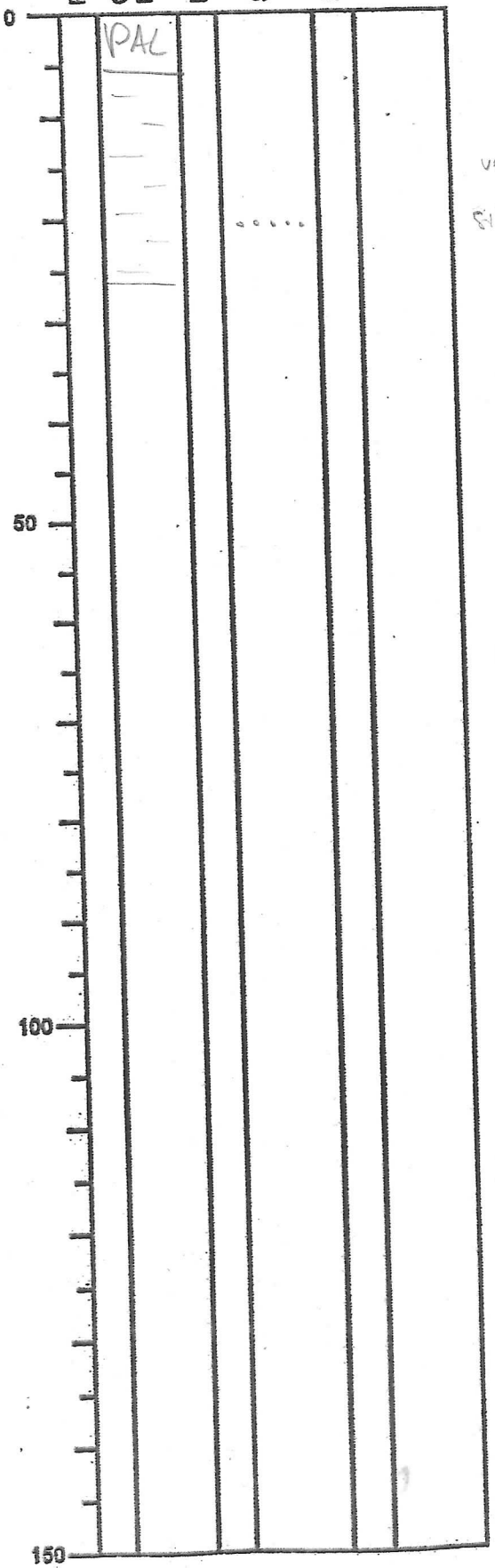
>5 silt layer

80 very fine dark gray 0.5 cm thick layer

Ver.0.10_

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 7R
SECTION: CC
OBSERBER: MS. / KCLM

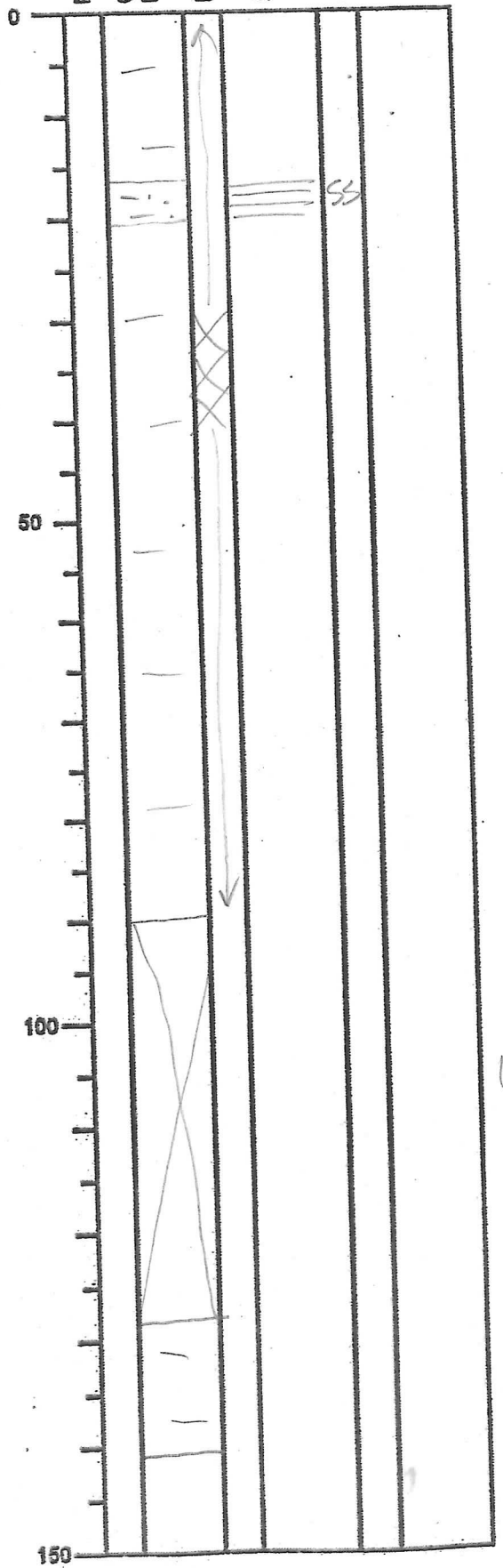


very thin 1mm thick very fine grained laminae
silt with fine sand layer
deformation bands?

Ver.0.10_

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 8R
SECTION: 1
OBSERBER: CLF



Greenish-gy silty claystone

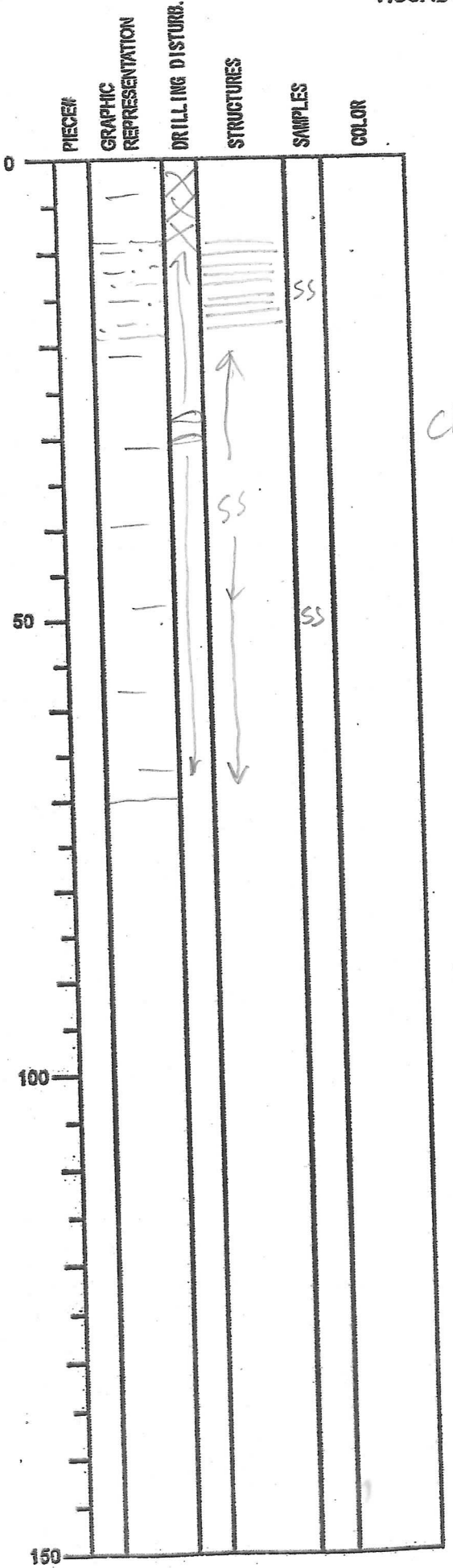
Core is strongly brecciated
— fault breccia?

with thin siltstone layers (planar laminated)

CT shows missing volcanic ash bioturbation in mudstone

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21/01/2008.
EXP: 316
SITE/HOLE: C0007D
CORE: 8R
SECTION: 2
OBSERBER: CLF



SECTION DESCRIPTION

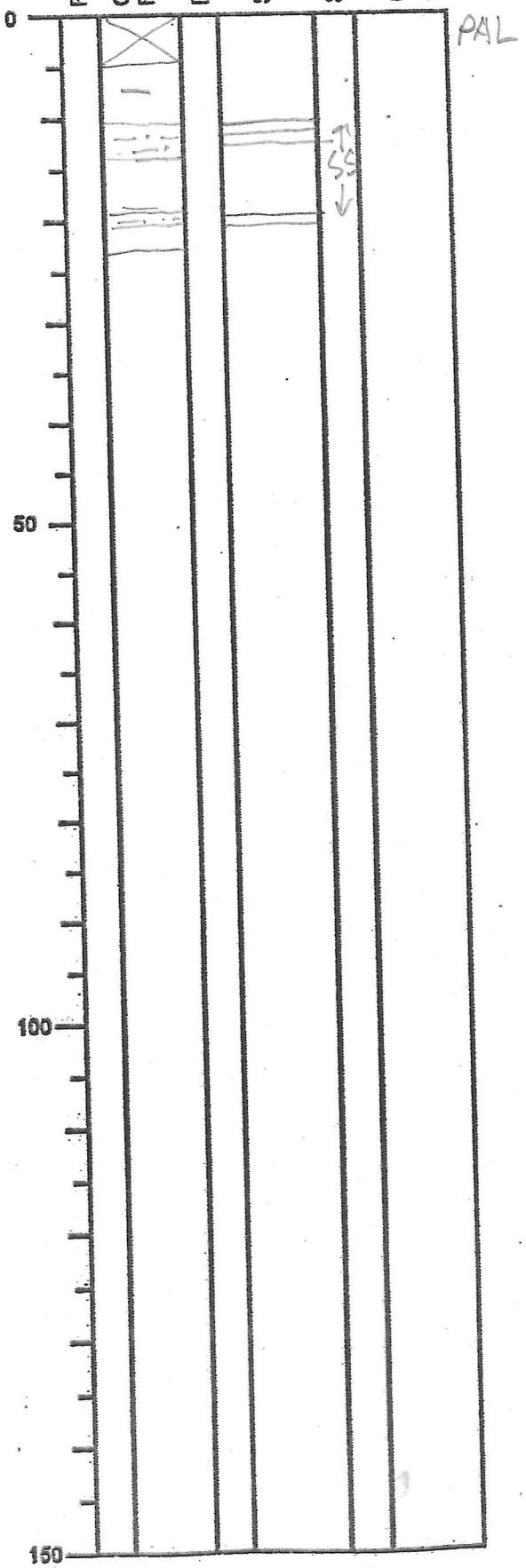
Silty claystone

less brecciated than in section 1

Chondrites

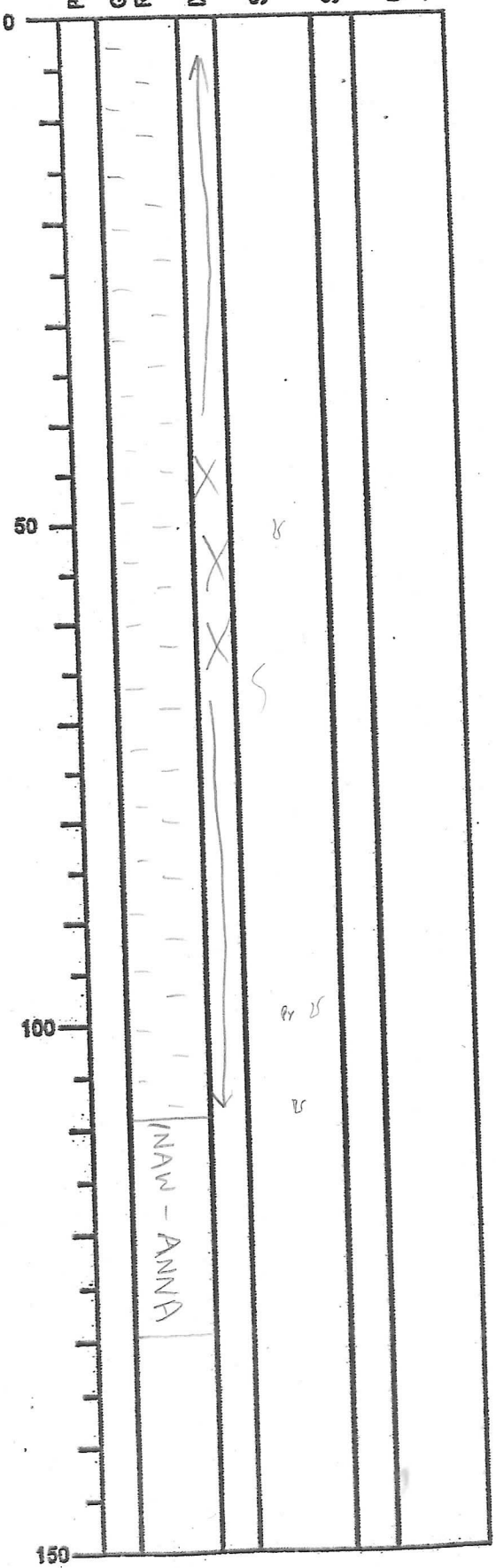
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 8R
SECTION: CC
OBSERBER: CLP



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21/01/2008
EXP: 316
SITE/HOLE: U0007B
CORE: 9R
SECTION: 1
OBSERBER: UN



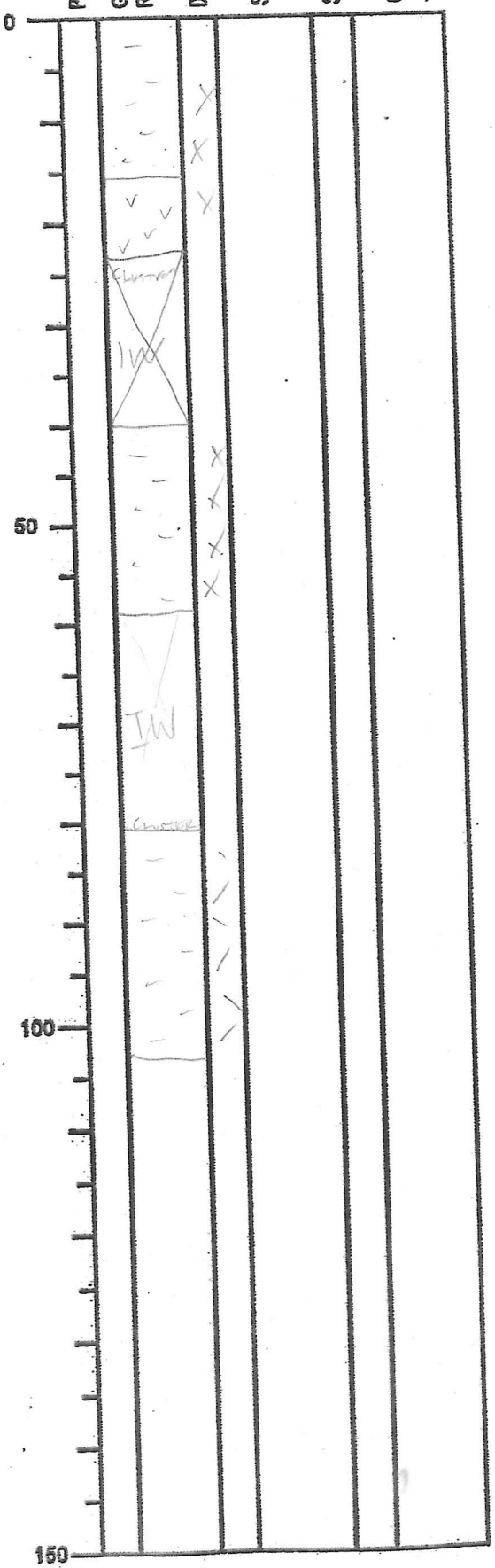
SECTION DESCRIPTION

Greenish - grey silty clay, bioturbated / mottled

Ver.0.10_0

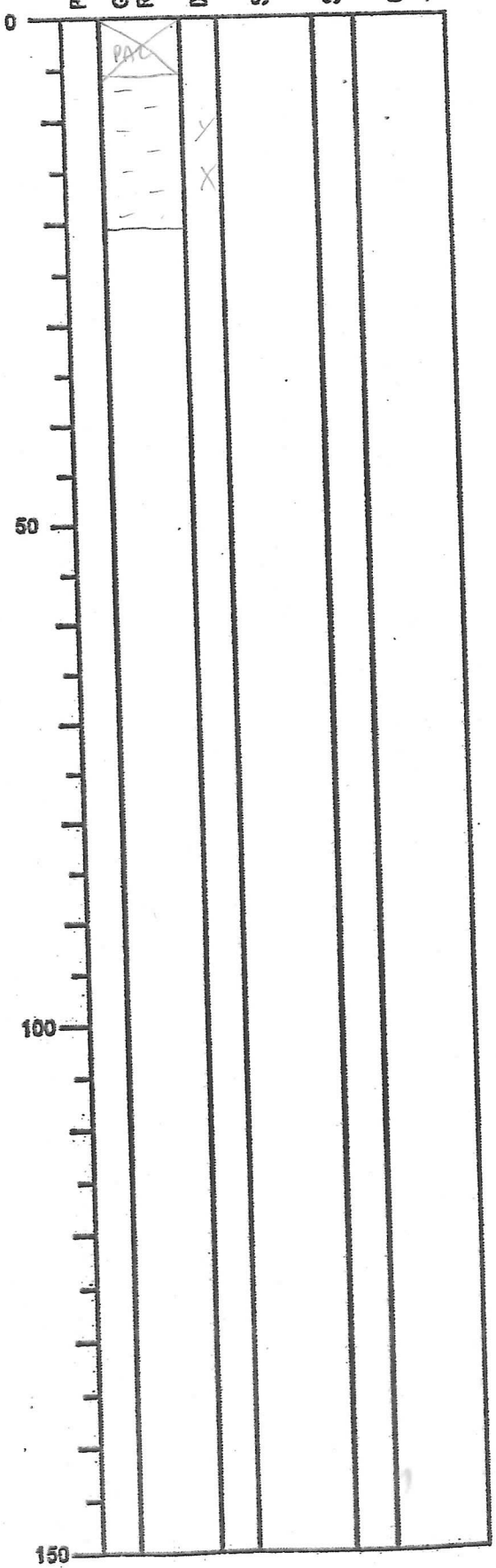
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 9R
SECTION: 2
OBSERBER: UN



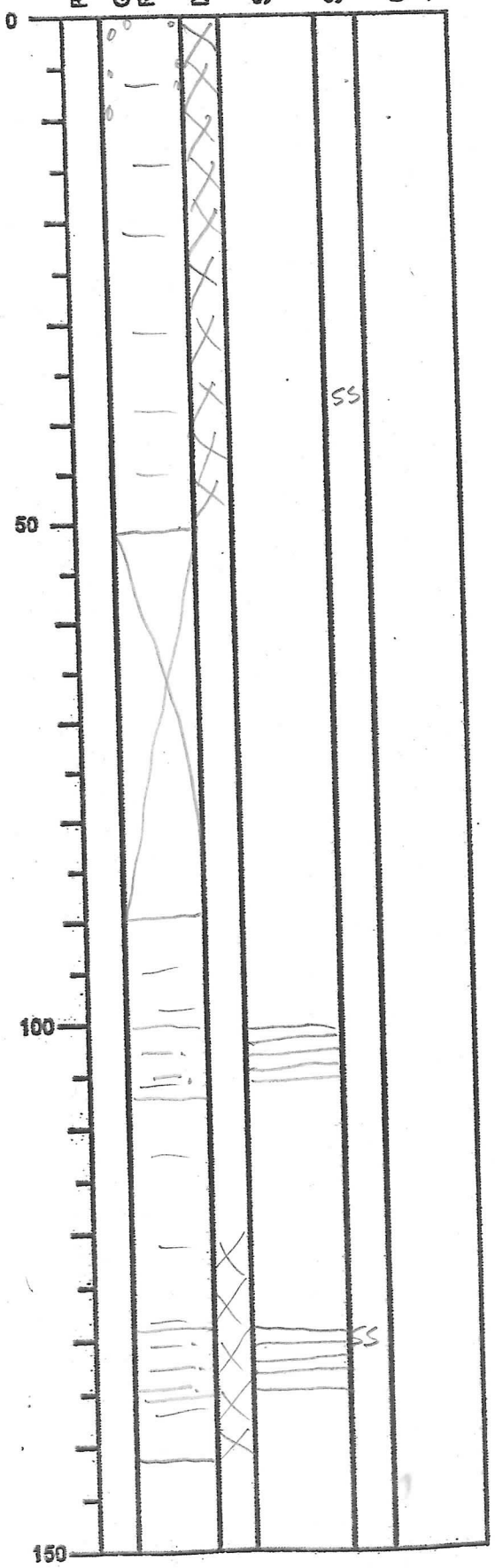
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 04 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 9R
SECTION: 3 (cc)
OBSERBER: UN



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 10R
SECTION: 1
OBSERBER: CLF



Greenish-gray silty claystone, ± siltstone ± pebbles in top 10 cm (not from here) - vein quartz, well cemented claystone, up to 1 cm across (rounded)

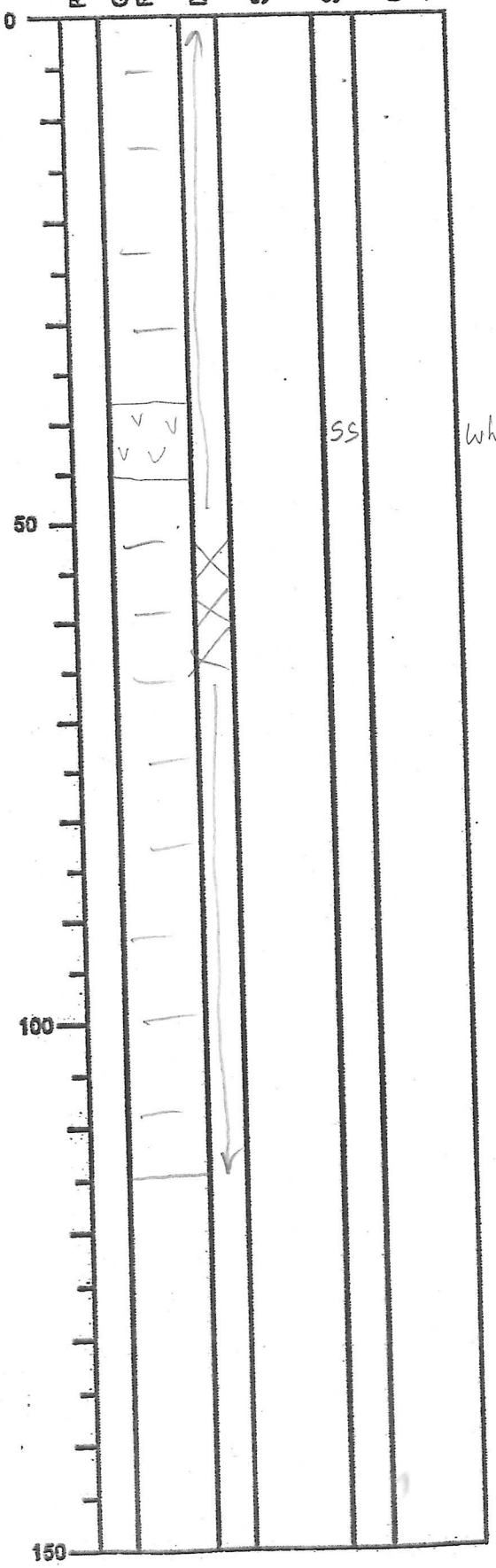
- top 20 cm. drilling mush.

Strong brecciation

- fault breccia.

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 21 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 10R
SECTION: 2
OBSERBER: CLF



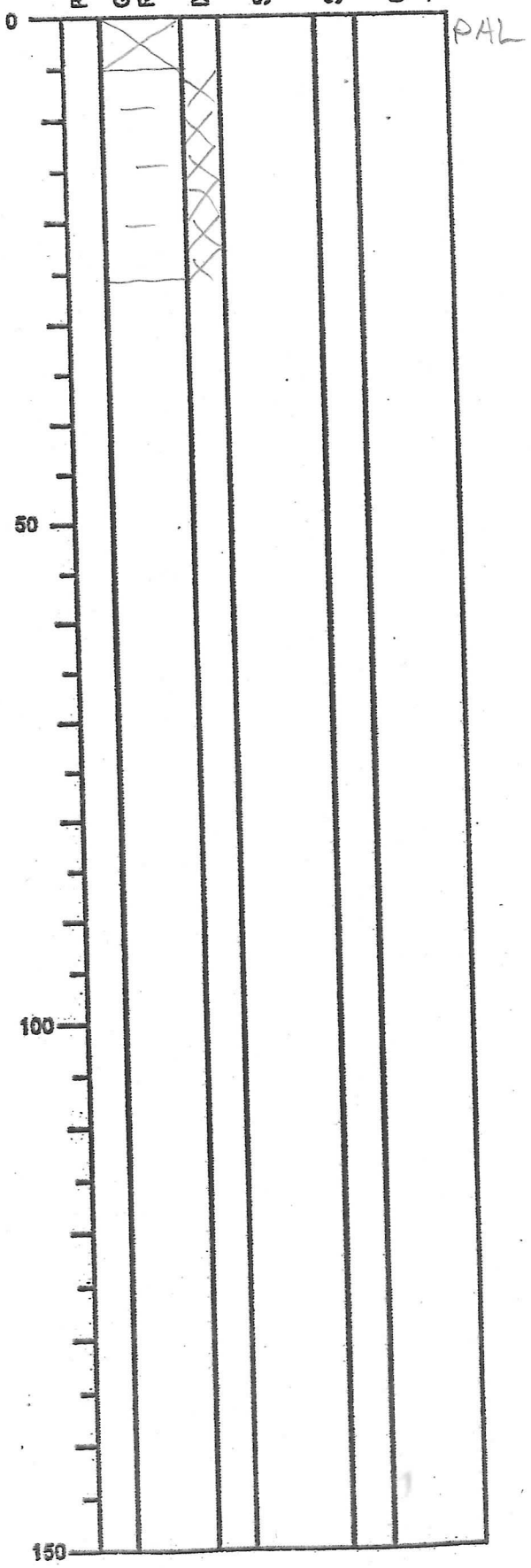
SECTION DESCRIPTION

Breccia continues
silty claystones

White volcanic ash.
37–45cm

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 1 /2008
EXP: 316
SITE/HOLE: C0007D
CORE: 10R
SECTION: CC
OBSERBER: CLF

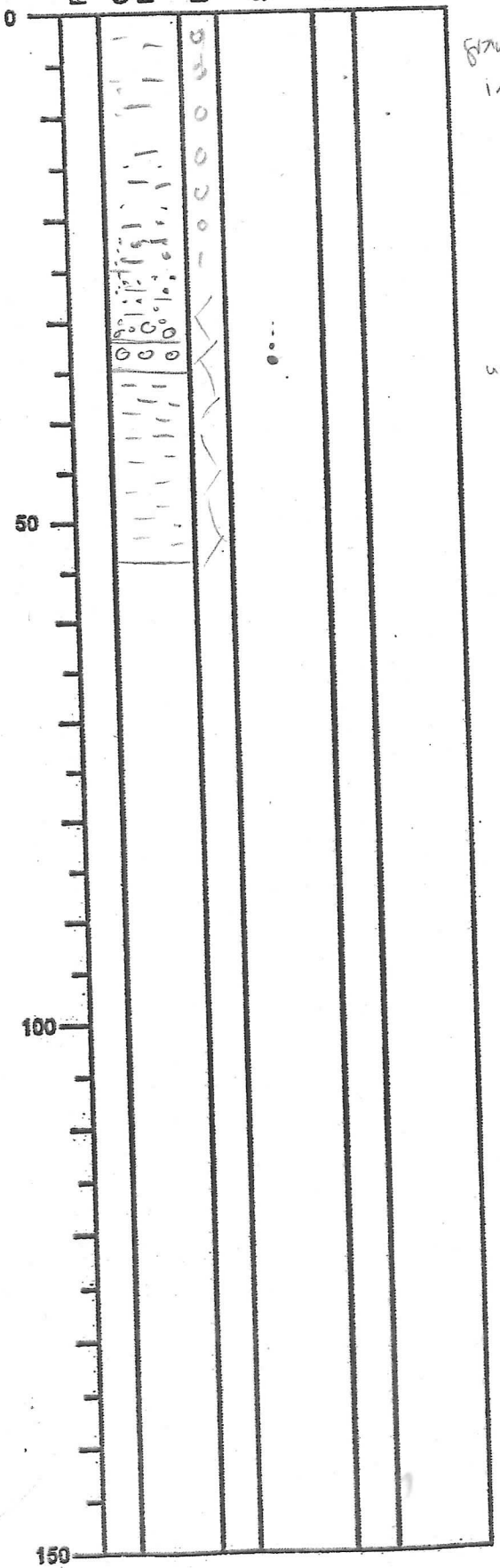


SECTION DESCRIPTION

Brecciated greenish-gray claystone

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/1/2008
EXP: 346
SITE/HOLE: C0007D
CORE: 11R
SECTION: 1
OBSERBER: MS/KLM



SECTION DESCRIPTION

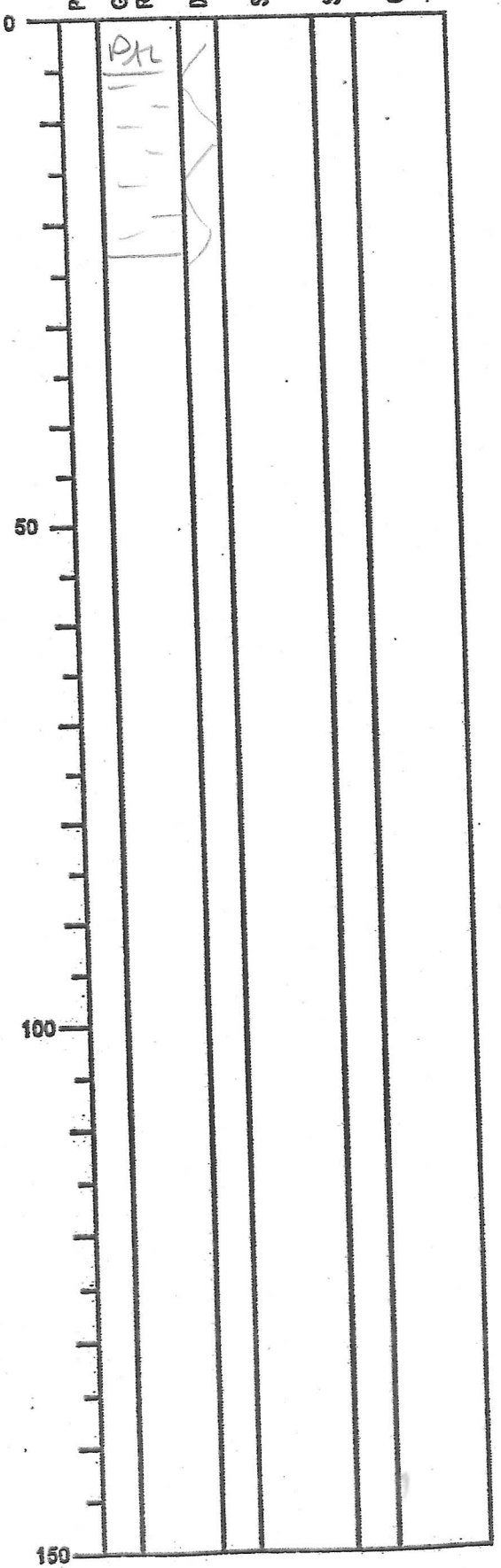
gravel bed ~~[illegible]~~ that grades upwards into sand ~~[illegible]~~, silt and silty clay

up to 1cm coarse pebbels also smeared along the side of the liner

underlying silty clay partially is very well indurated

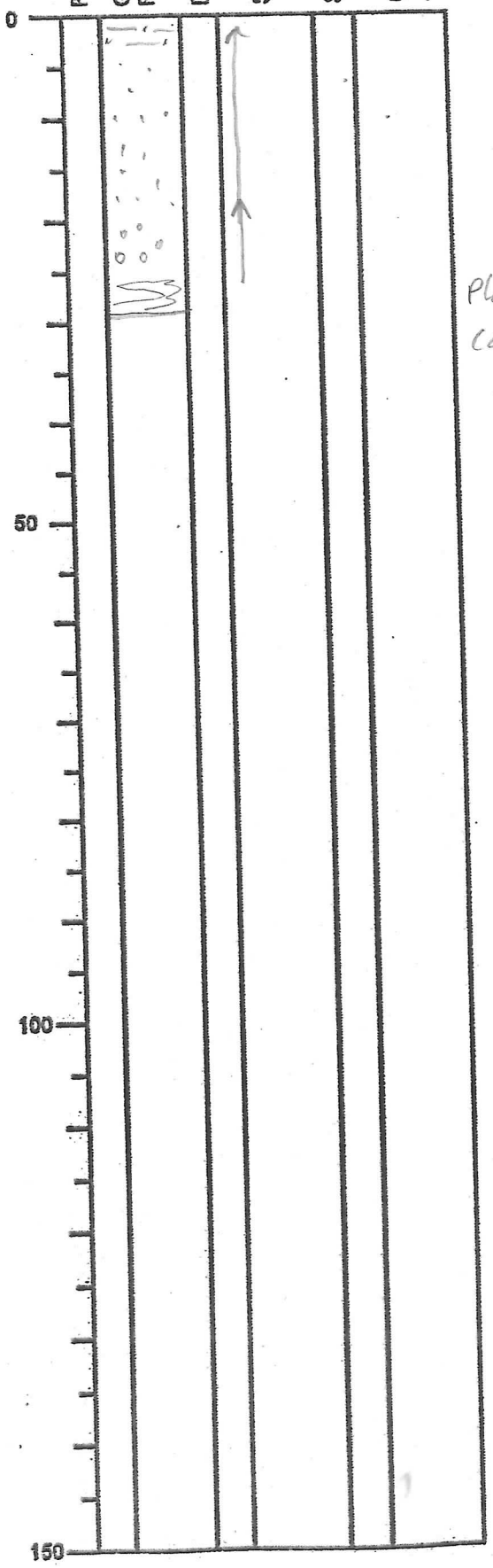
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 11R
SECTION: CC
OBSERBER: MS IKUM



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 12R
SECTION: 1
OBSERBER:



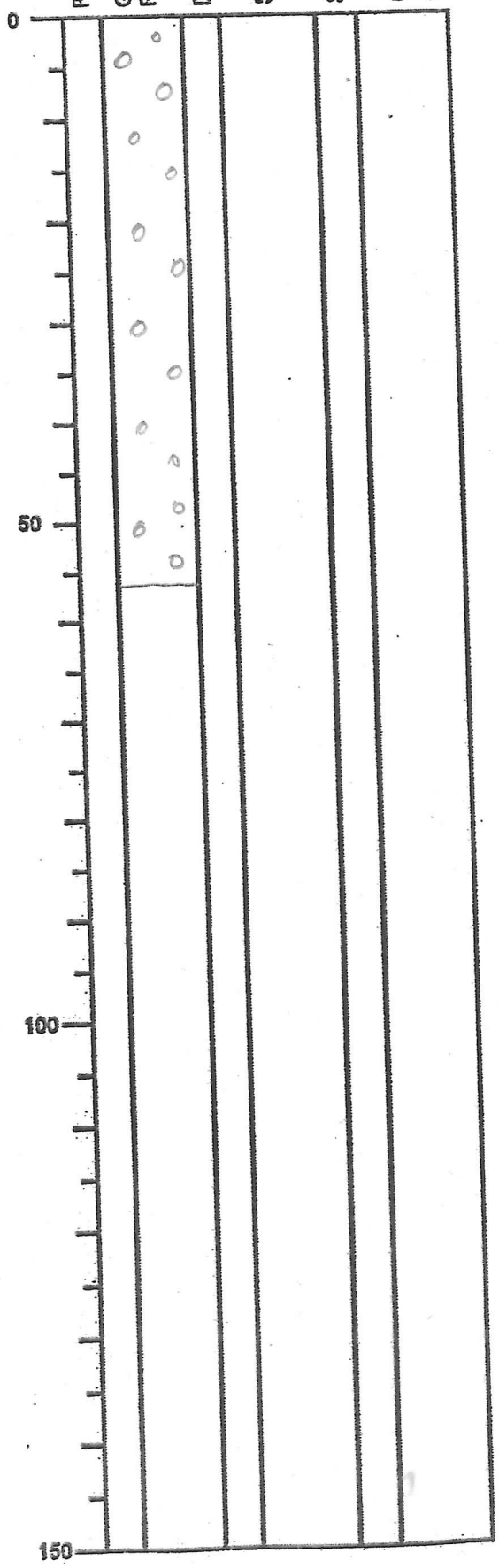
SECTION DESCRIPTION

Gravel - graded up to olive-gy sand and to clayey silt/sand

Plastic deformation of core liner

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 12R
SECTION: 2
OBSERBER: CLF

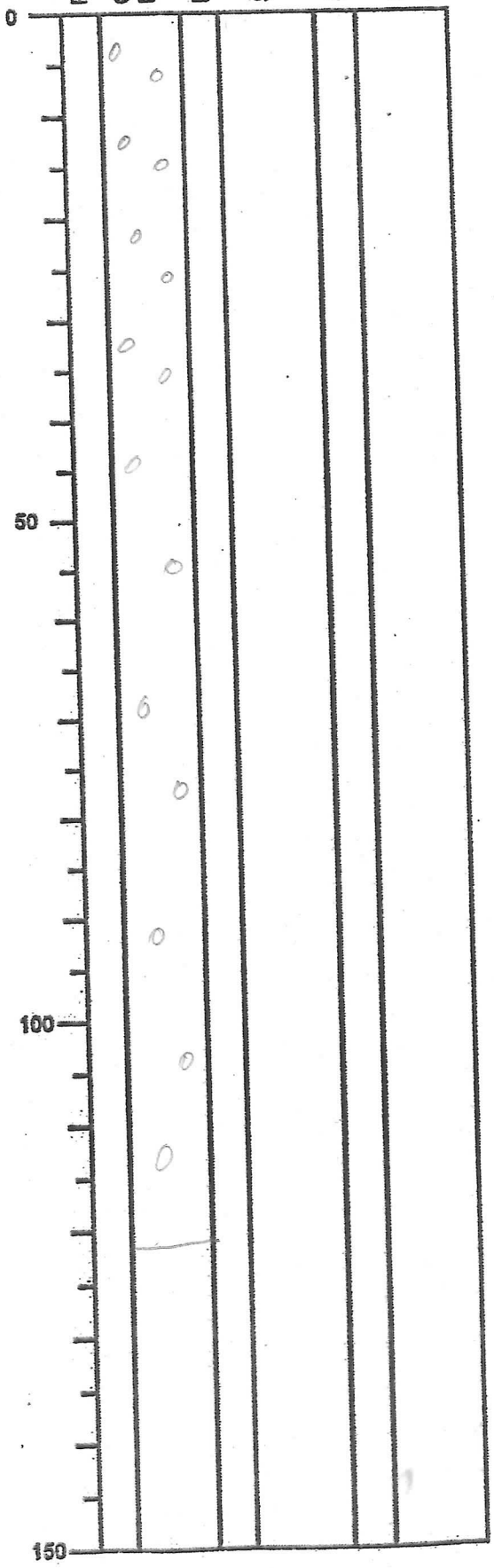


SECTION DESCRIPTION

Salt and pepper dark-gray gravel - massive
- polymictic with dark gy siliceous clasts, also fine sedimentary rocks, low-grade metasedimentary, vein quartz, jasper, igneous rocks, scarce shell fragments. fragments 0.5 mm or less across
- well sorted
- clasts are subrounded
- in places - some soft muddy intraclasts

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007
CORE: 12R
SECTION: 3
OBSERBER: CLF



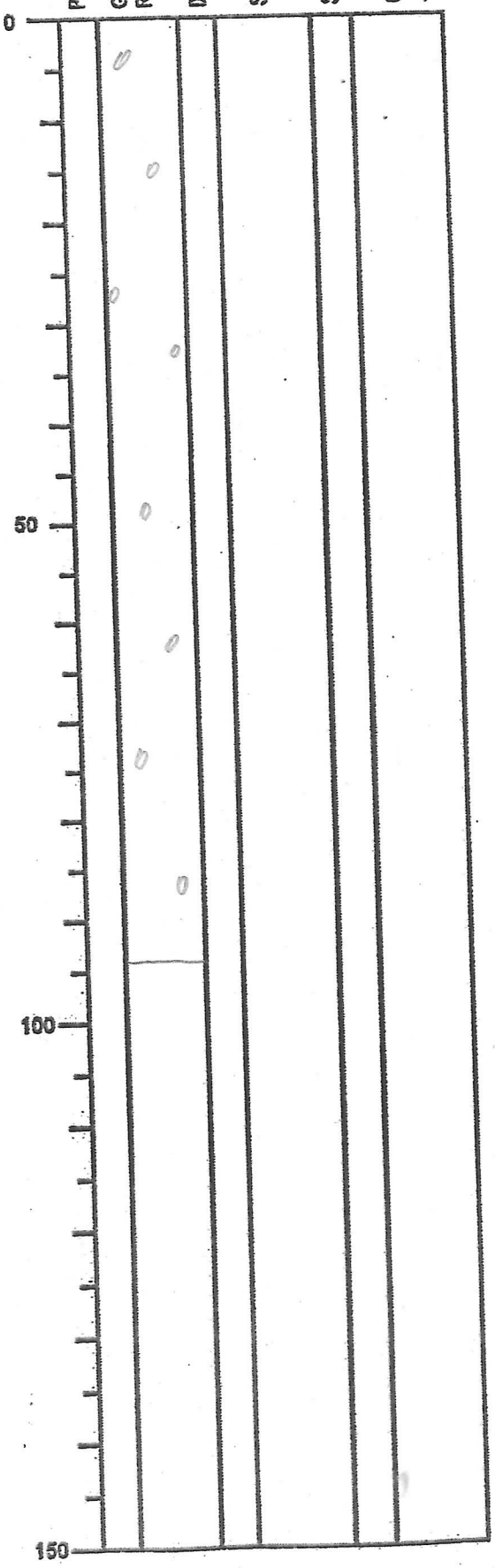
SECTION DESCRIPTION

Gravel

clasts ~ 0.25 - 0.5cm

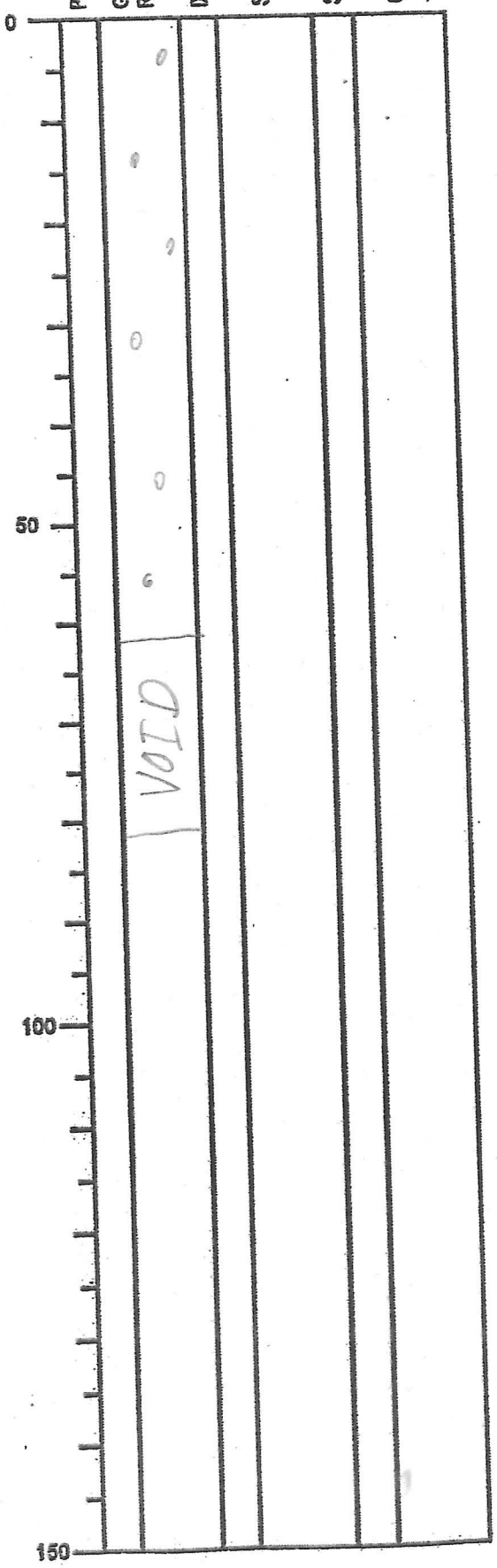
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22 10 / 120 08
EXP: 316
SITE/HOLE: C0007D
CORE: 12R
SECTION: 4
OBSERBER:



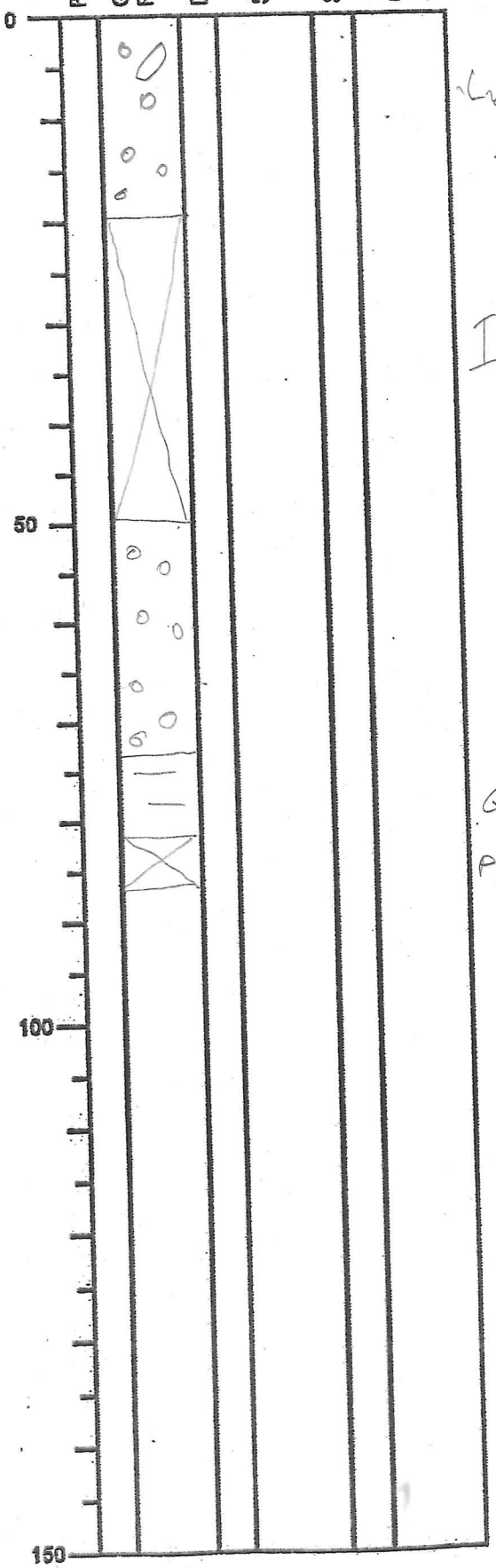
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 12R
SECTION: 5
OBSERBER:



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

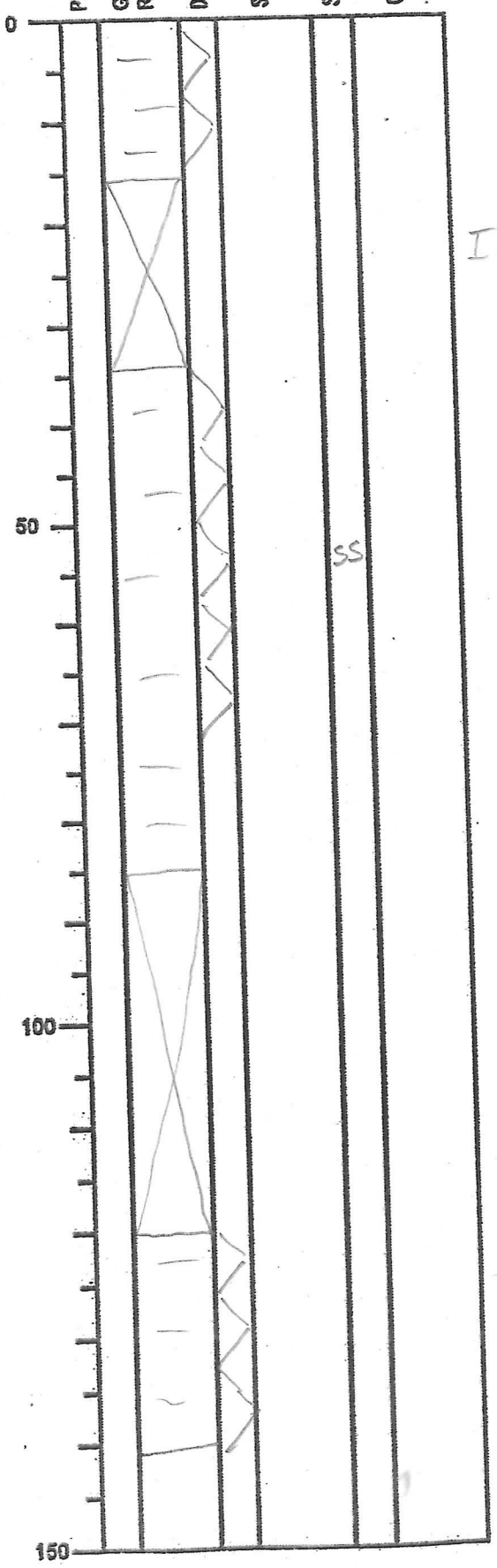
DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 12R
SECTION: CC
OBSERBER: CLF



Ver0.10_

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 15R
SECTION: 1
OBSERBER: CLF



SECTION DESCRIPTION

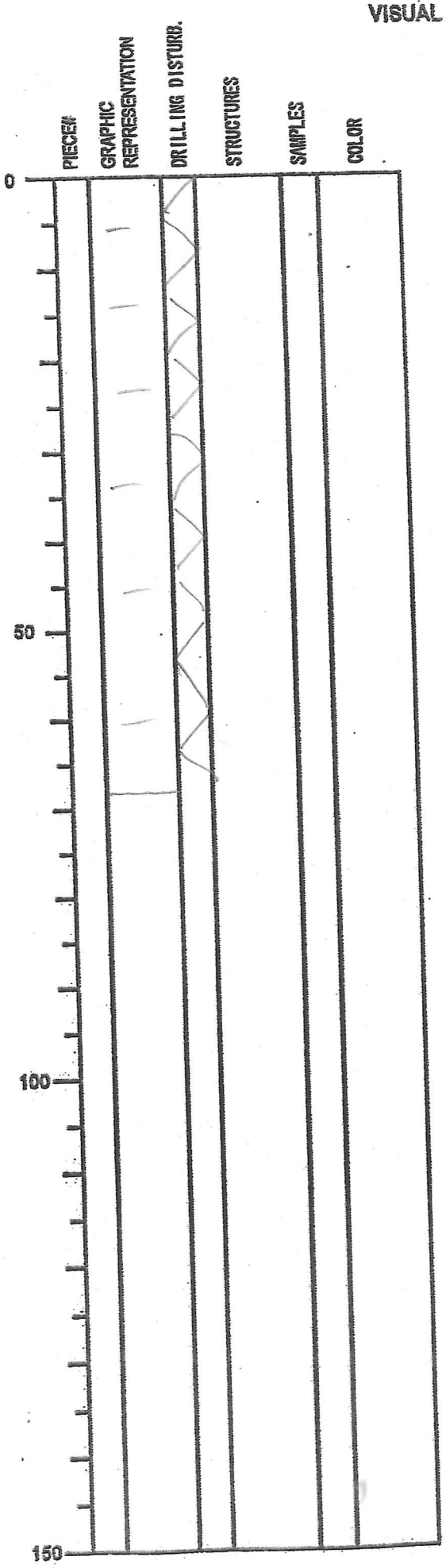
Olive-gy silty claystone
- hard to see anything in this core (drilling + cutting disturbance)

INAW

IW (not shown on J cores)

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

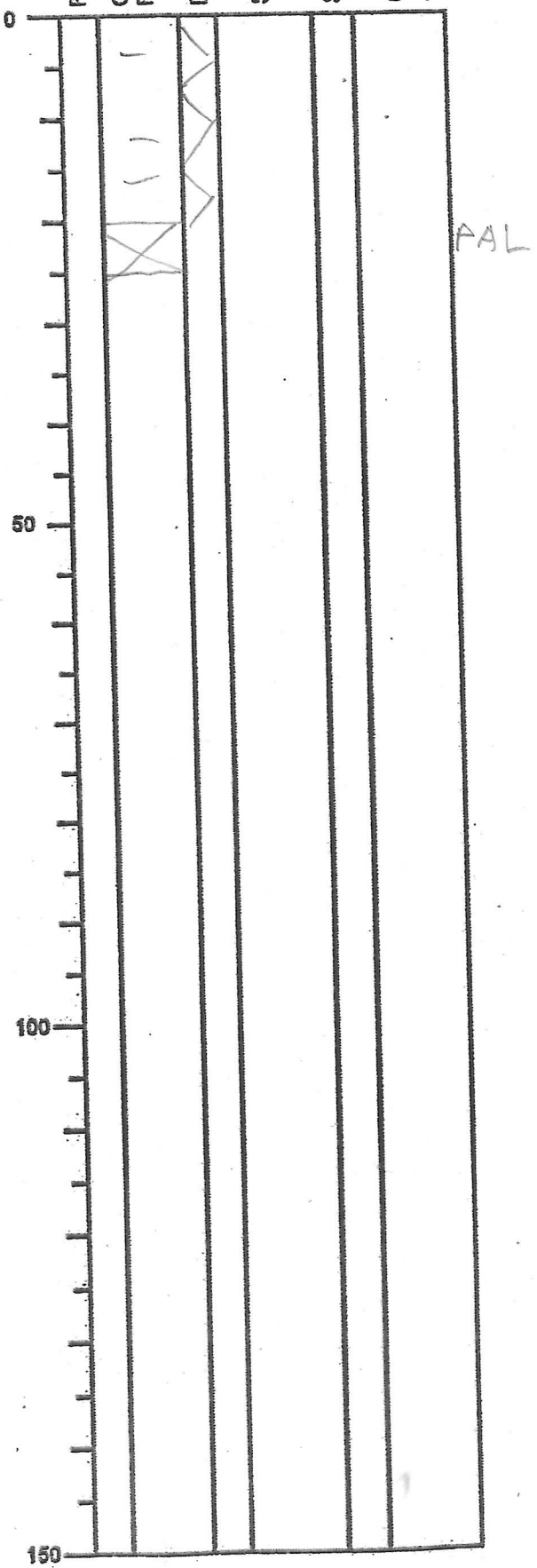
DATE: 22/01/2008
EXP: 316
SITE/HOLE:
CORE: 15R
SECTION: 2
OBSERBER: CLF



CT ~ looks like drilling mud here

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 15R
SECTION: CC
OBSERBER: CLF



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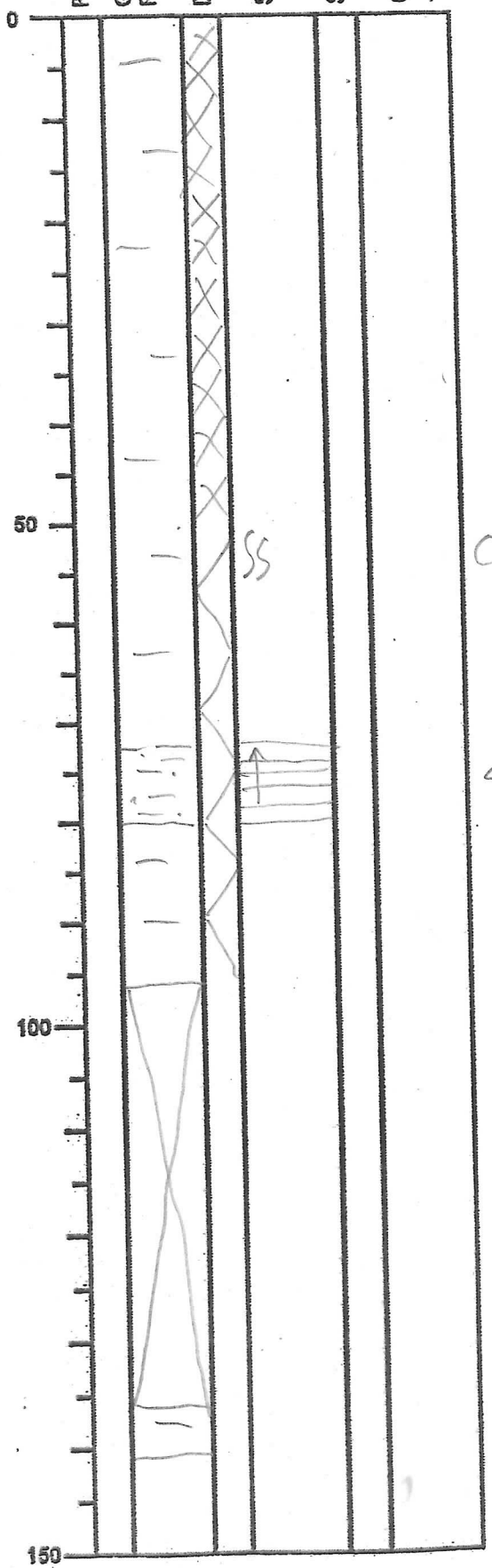
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/1/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 16R
SECTION: 1
OBSERBER: CLF

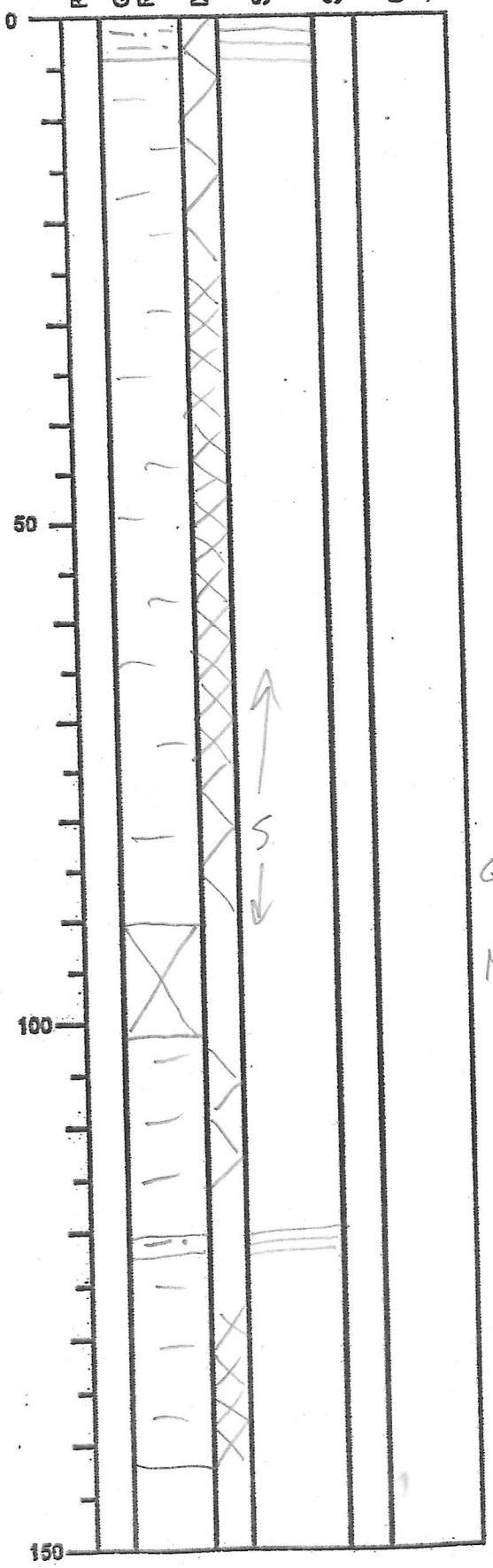


SECTION DESCRIPTION

Olive-gy silty claystone
c plane laminated
siltstone layes
Core - brecciated and
disturbed

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 16R
SECTION: 2
OBSERBER: CLF



SECTION DESCRIPTION

Silty claystone
siltstone

Gn color band

MATT

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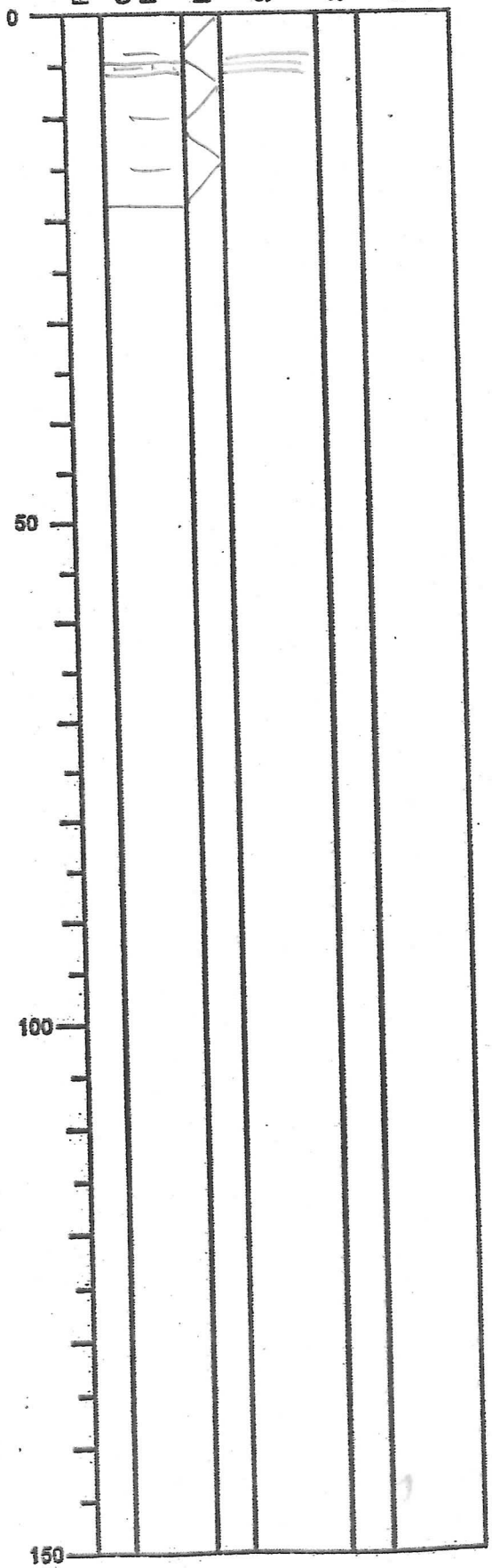
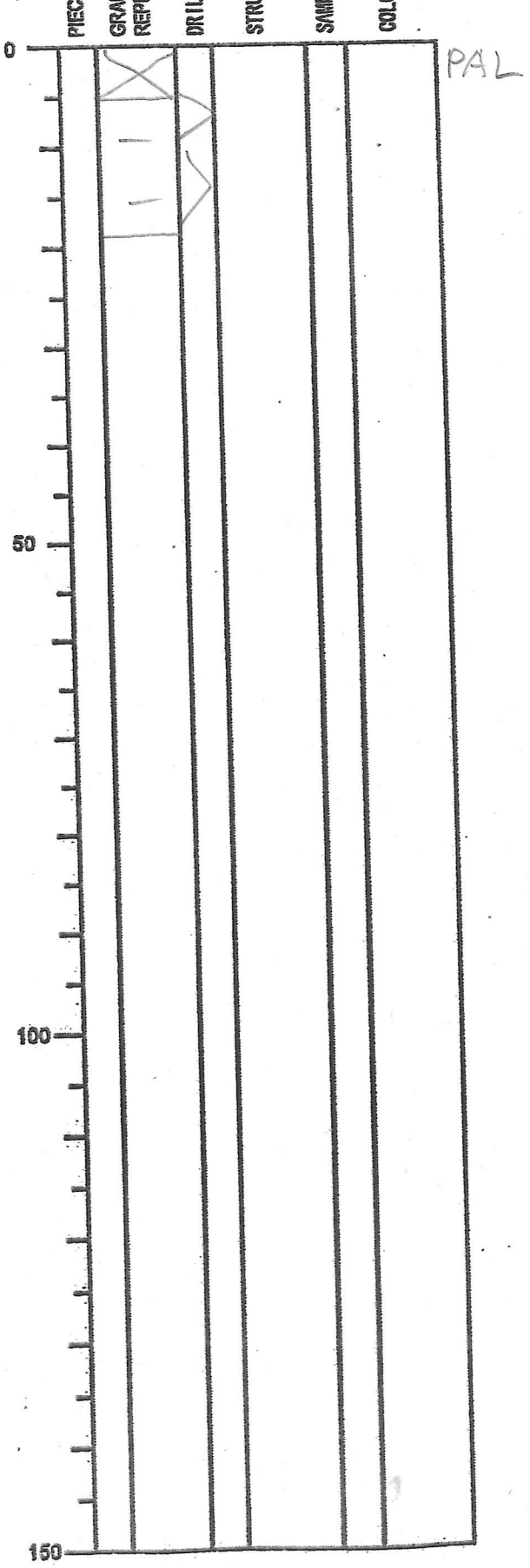
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 16R
SECTION: 3
OBSERBER: CLF



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 16R
SECTION: CC
OBSERBER: CLF



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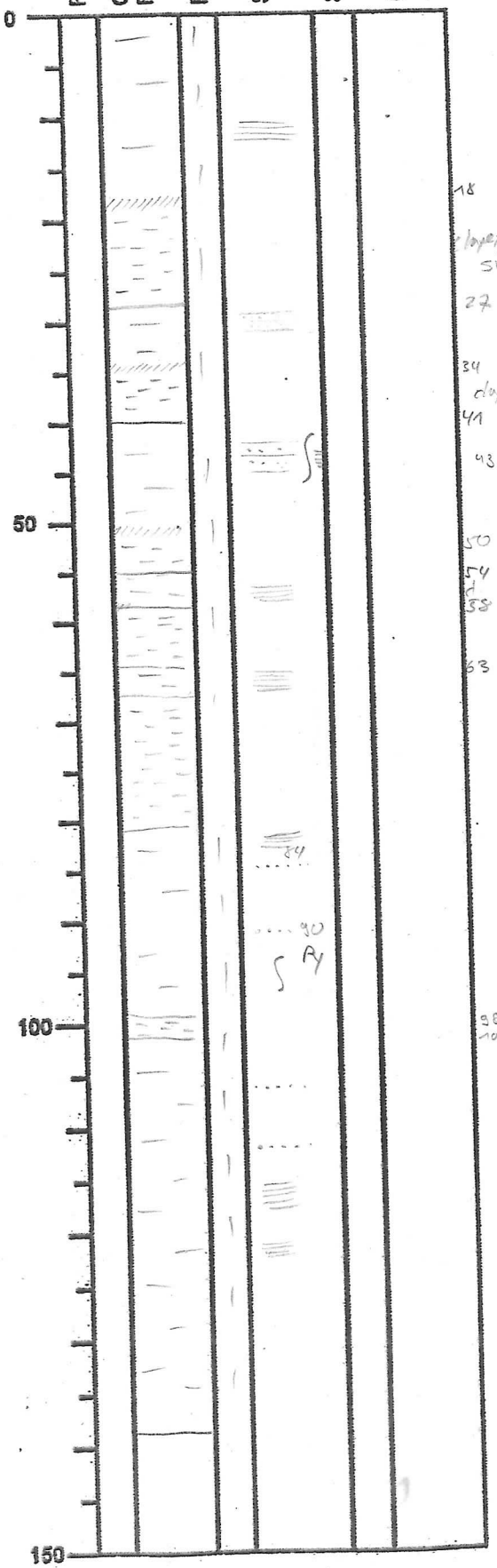
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/1 /2008
EXP: 316
SITE/HOLE: C0007D
CORE: 17R
SECTION: 1
OBSERBER: MS //CM



SECTION DESCRIPTION

Olive gray silty claystone with beds of siltstone
Occasionally parallel laminations, greenish color bands
Bioturbation (chondrites and other burrows) and Pyrite

layer siltstone to silty claystone grading

30 greenish color band

clay, siltstone to silty claystone

43 - 45 greenish color band

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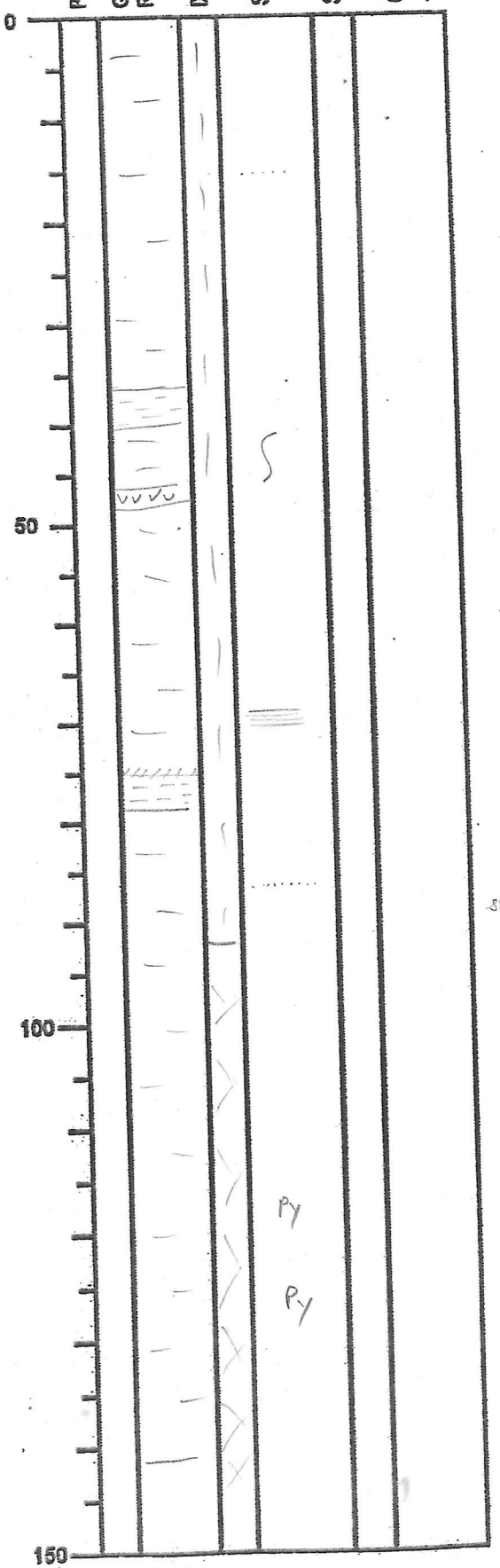
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE: ~~U1~~ C0007D
CORE: 17R
SECTION: 2
OBSERBER: MS/KUM

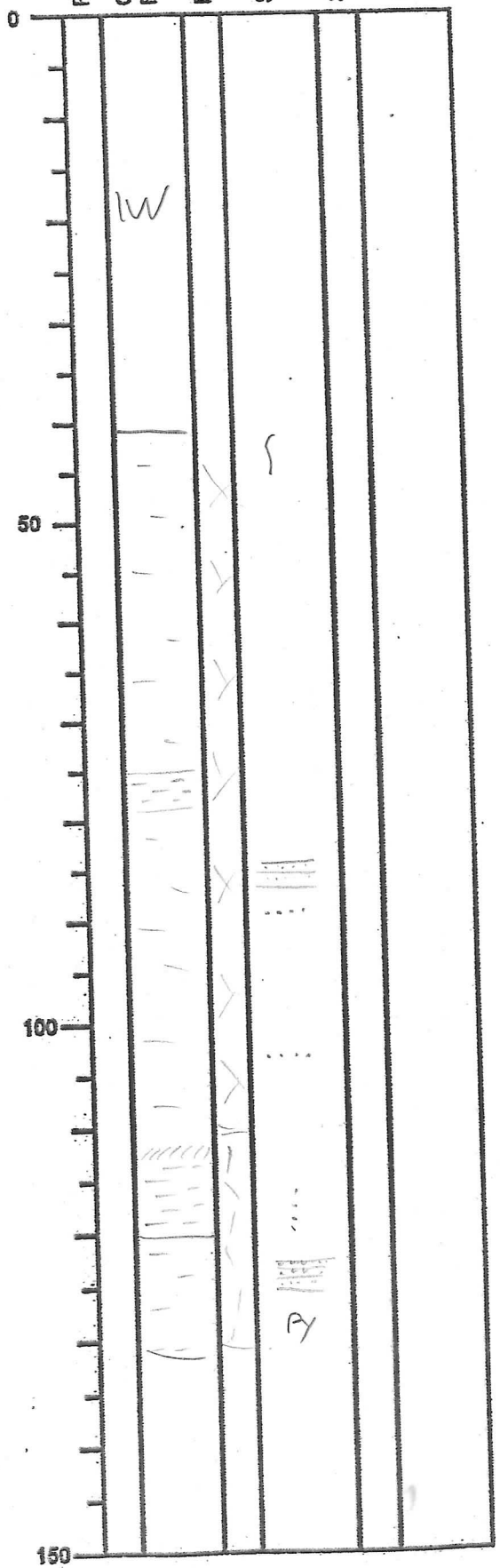


SECTION DESCRIPTION

58 white species agglutinated worm tubes ?

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 17R
SECTION: 3
OBSERBER: MS/KCM



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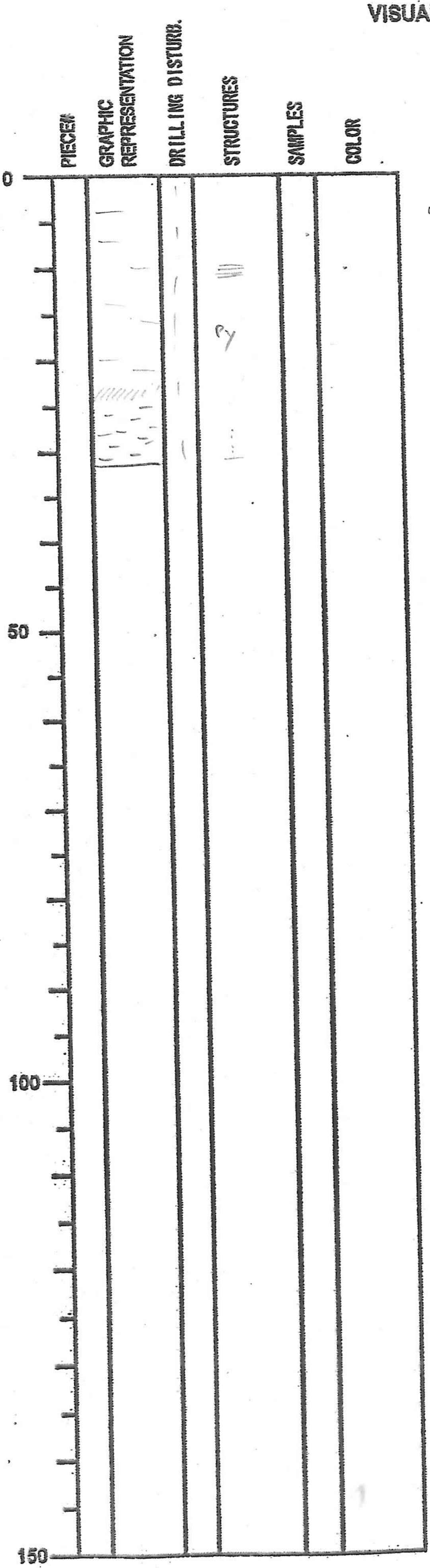
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP: 316
SITE/HOLE: C0007D
CORE: 17R
SECTION: 4
OBSERBER: MS / KCM

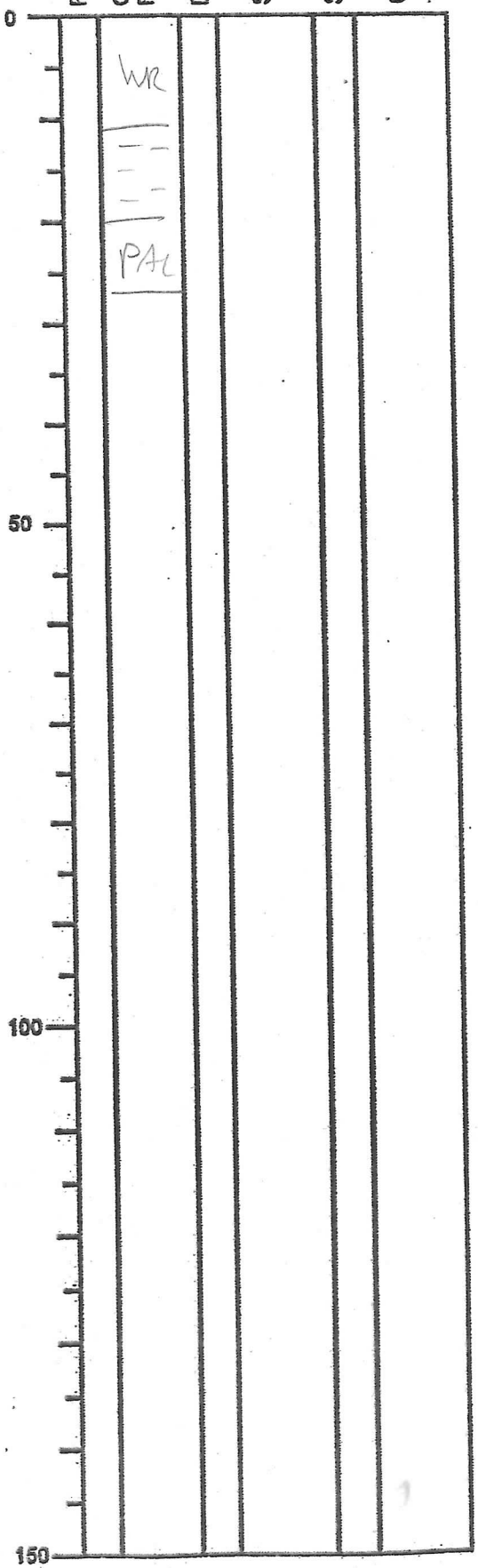


SECTION DESCRIPTION

white specks agglutinated burrow fills or forams?

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

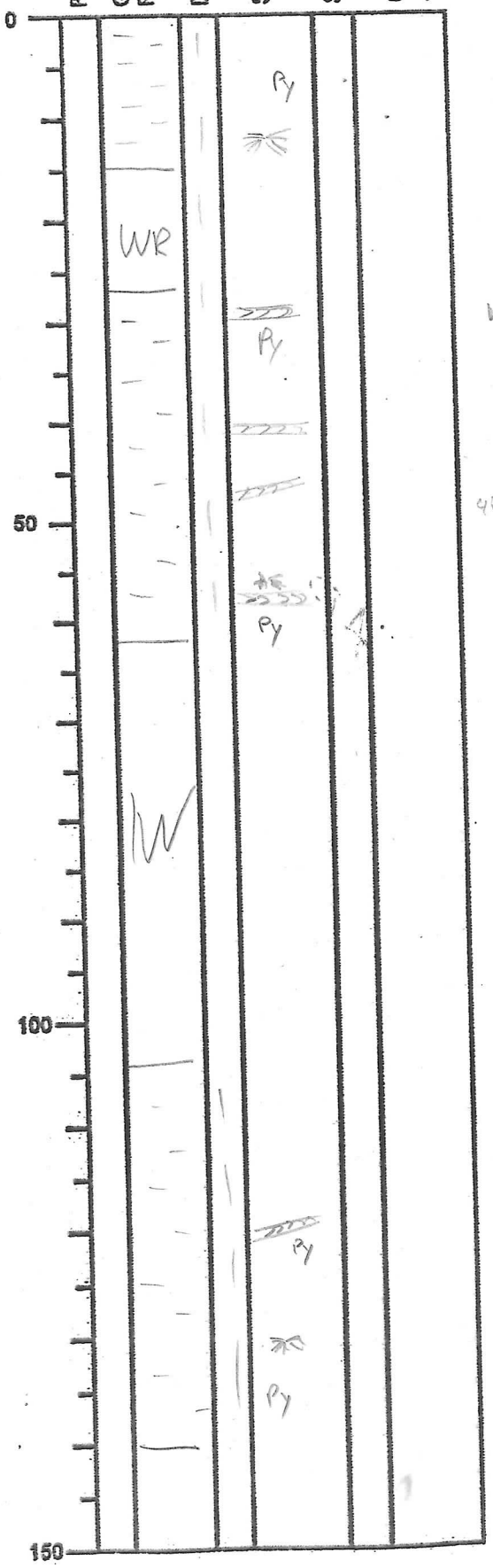
DATE: / /20
EXP:
SITE/HOLE:
CORE: 17R
SECTION: CC
OBSERBER: MS



SECTION DESCRIPTION

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22 / 7 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 18R
SECTION: 2
OBSERBER: MS/KCM



SECTION DESCRIPTION

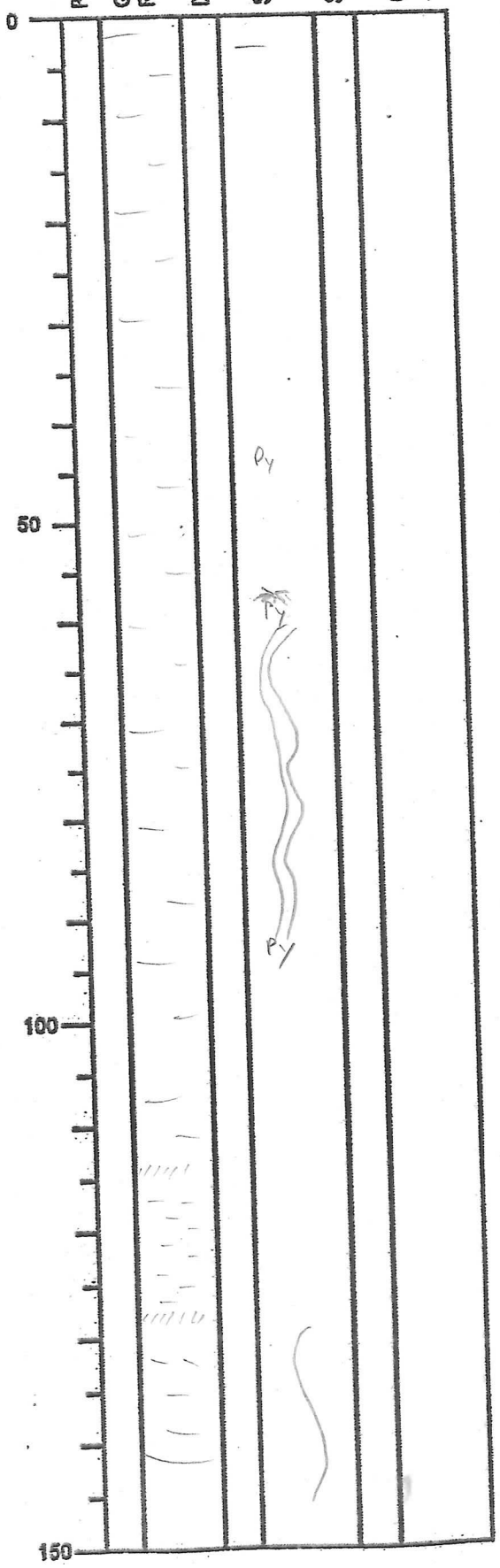
greenish gray ~~[illegible]~~
moderately bioturbated silty clay
with occasional slightly coarser thin
clayey silt beds
Py is present throughout

Vertical burrow

?? agglutinated cobble speck

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE: C0007J
CORE: 18R
SECTION: 2
OBSERBER: MS/KLM

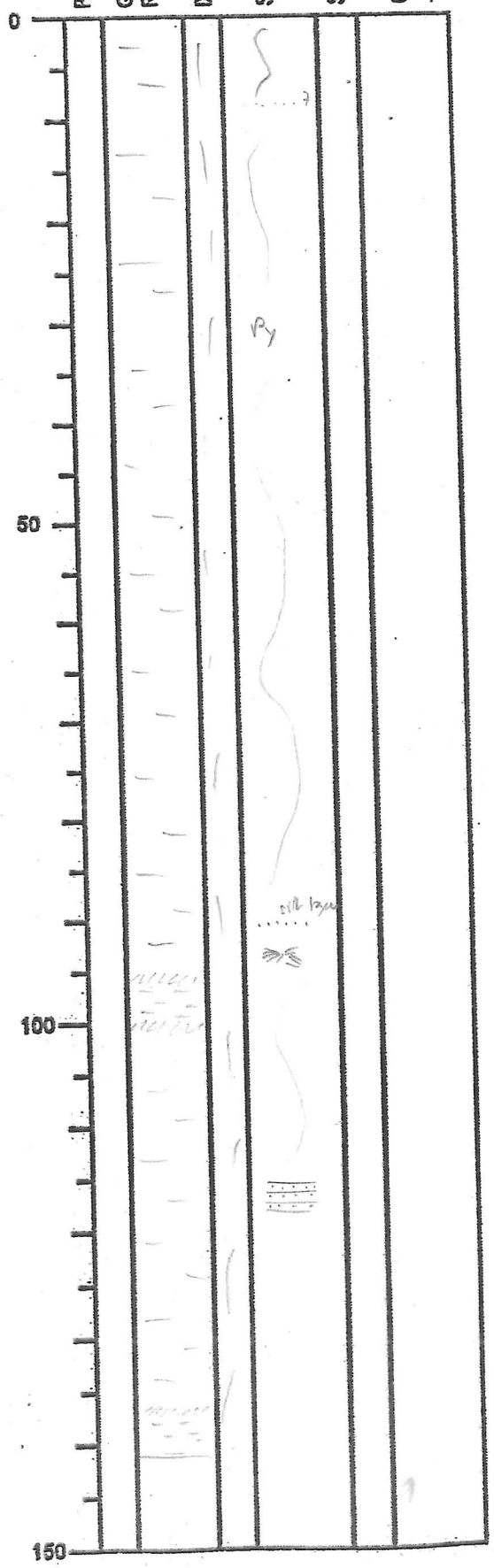


SECTION DESCRIPTION

clayey clayey silt (only slightly coarser than silty clay)

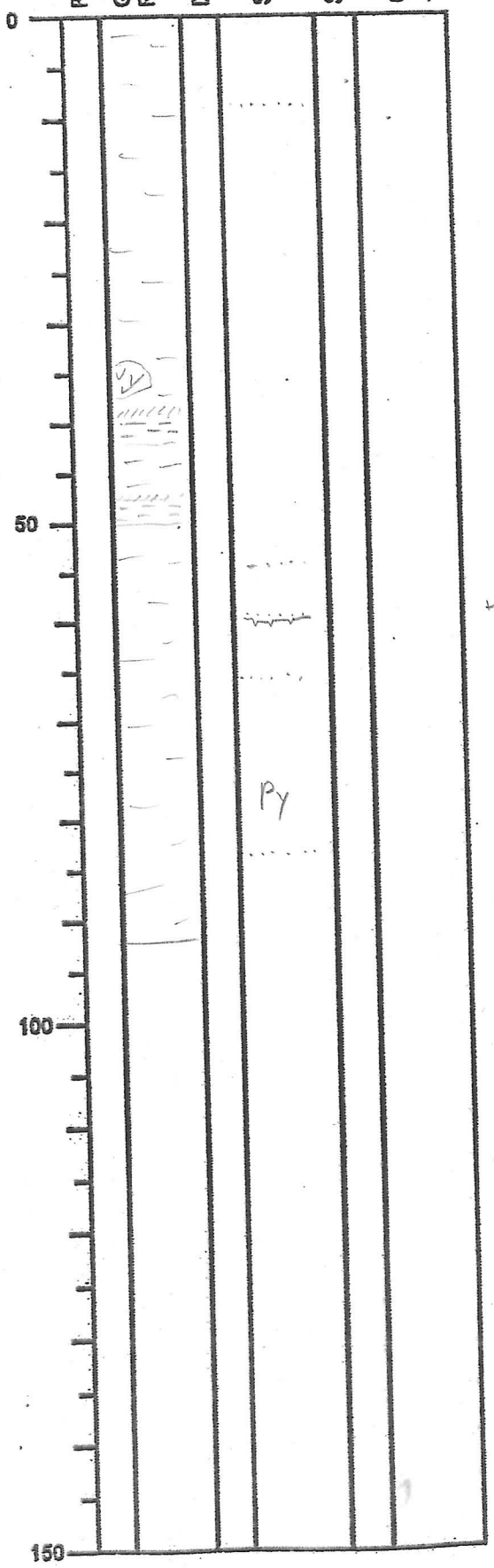
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 18R
SECTION: 3
OBSERBER: MS/KLM



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 1R
SECTION: 4
OBSERBER: MS/KLM

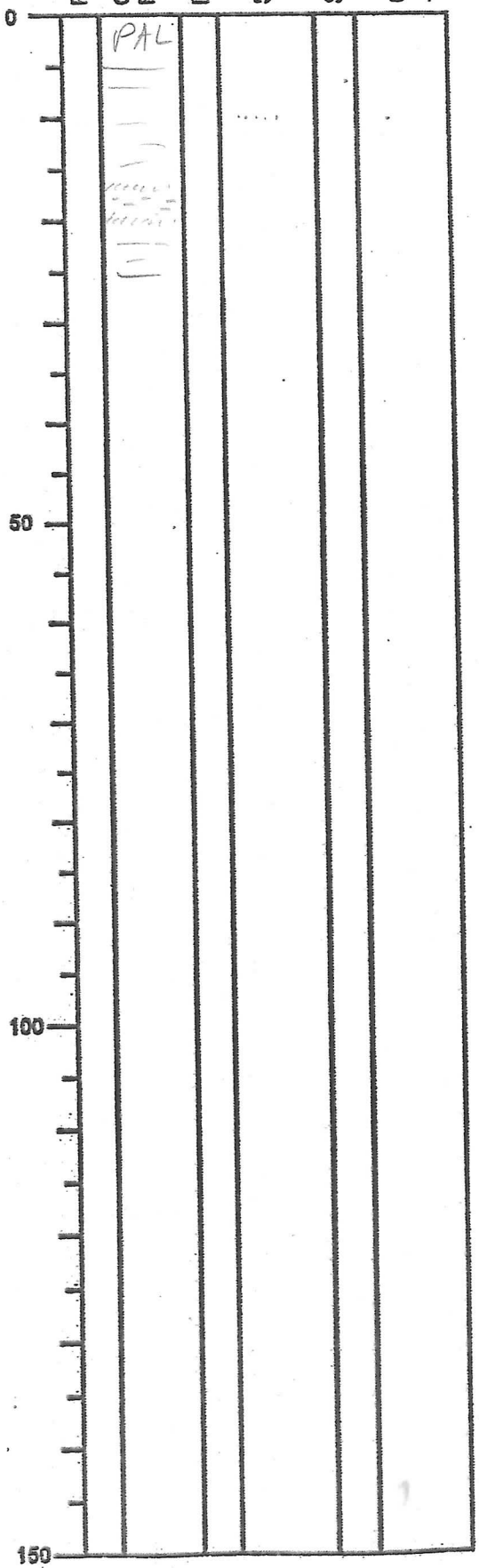


SECTION DESCRIPTION

thin silt layer with ? mineralized? erosional surface

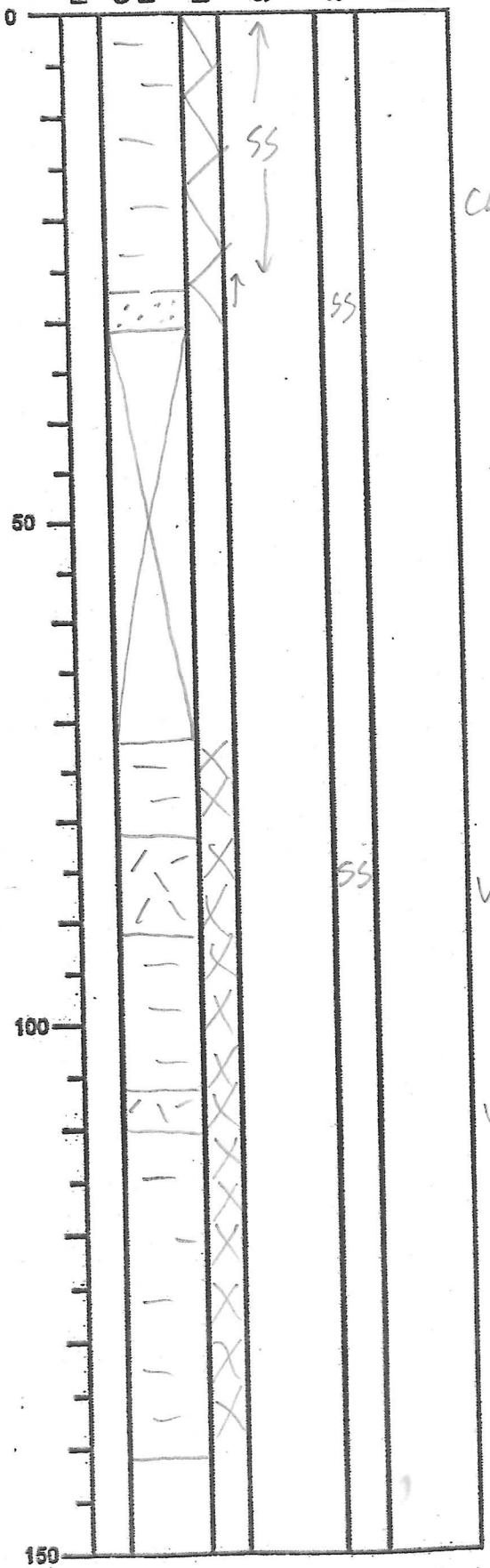
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / / 20
EXP:
SITE/HOLE:
CORE:
SECTION:
OBSERBER:



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 19R
SECTION: 1
OBSERBER: CLF



SECTION DESCRIPTION

Greenish-gy silty claystone with thin sandstone and 2 volcanic ash layers. Lower half of core is brecciated.

Chondrites

I W.

Volcanic ashstone (cemented) (light gy)

Volcanic ash (not cemented)

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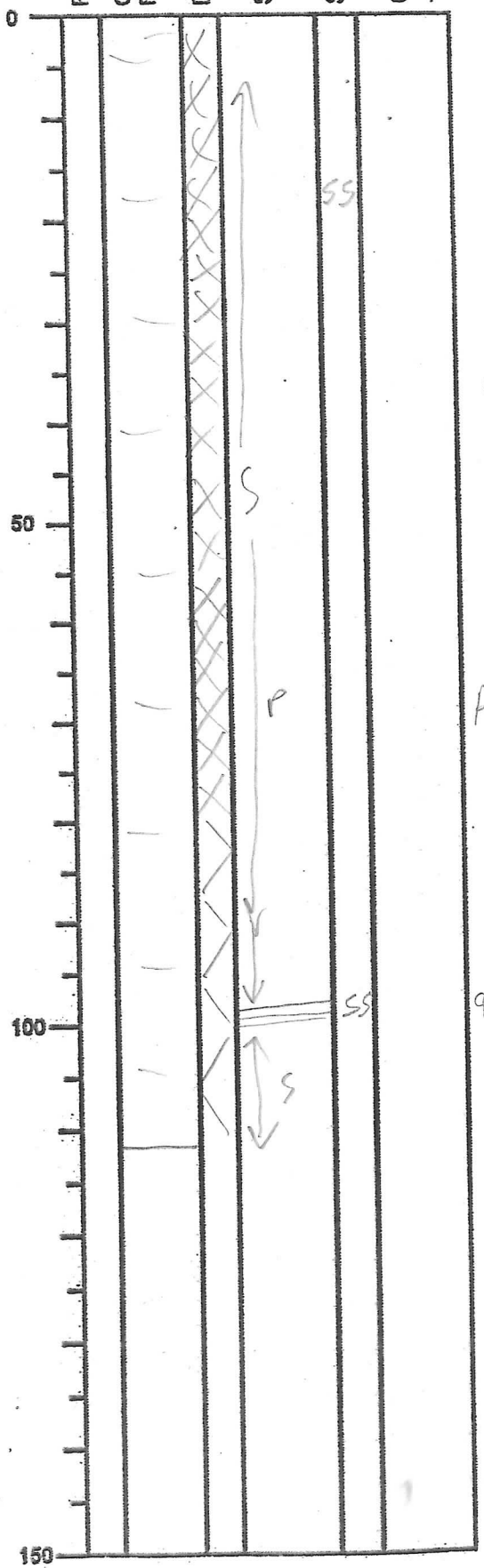
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 19R
SECTION: 2
OBSERBER: CLF



SECTION DESCRIPTION

Silty claystone

Mottled

Chondrites

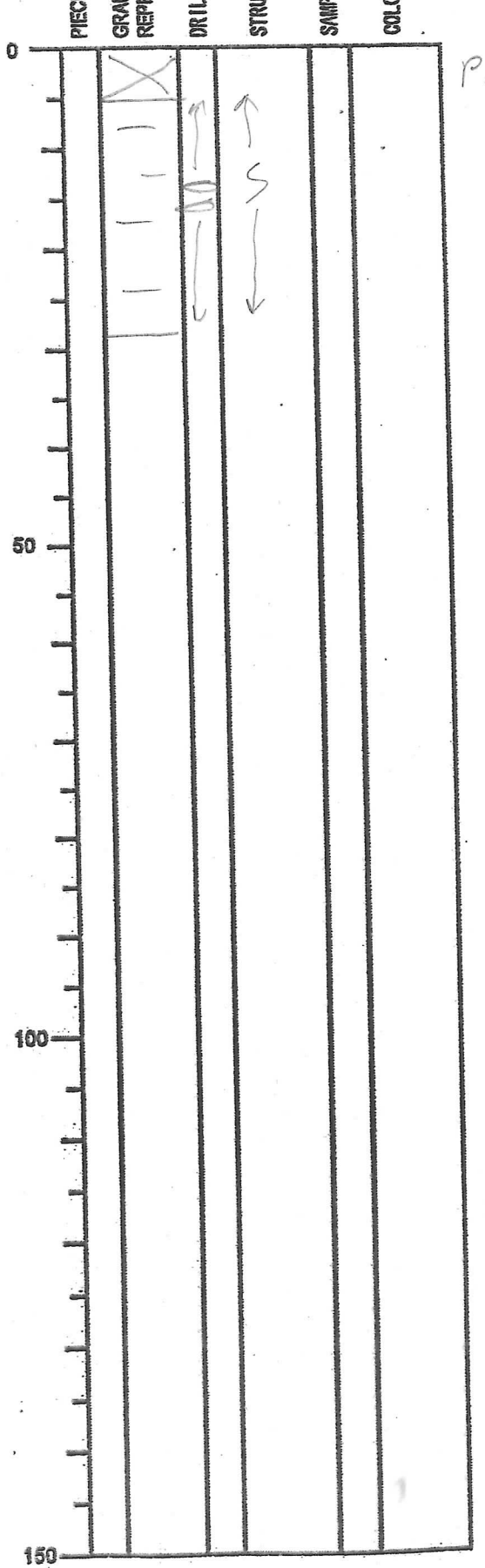
Pyritized burrow

Horizontal burrow

99-100cm

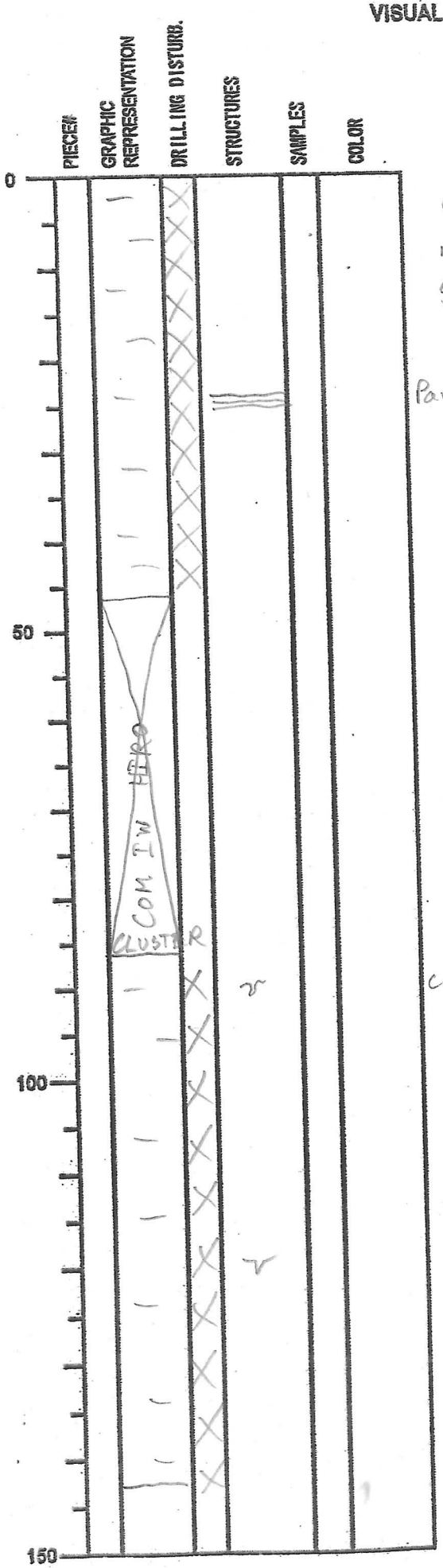
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 19R
SECTION: CC
OBSERBER: CLF



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 20R
SECTION: 1
OBSERBER: UN



SECTION DESCRIPTION

Greenish-gray silty claystone showing mottling and bioturbation. Subtle variation in grain size with occasional more silt-rich horizons.

Parallel – low-angle cross lamination

cross sections of burrows probably Zoophycos

burrow cross section – Zoophycos?

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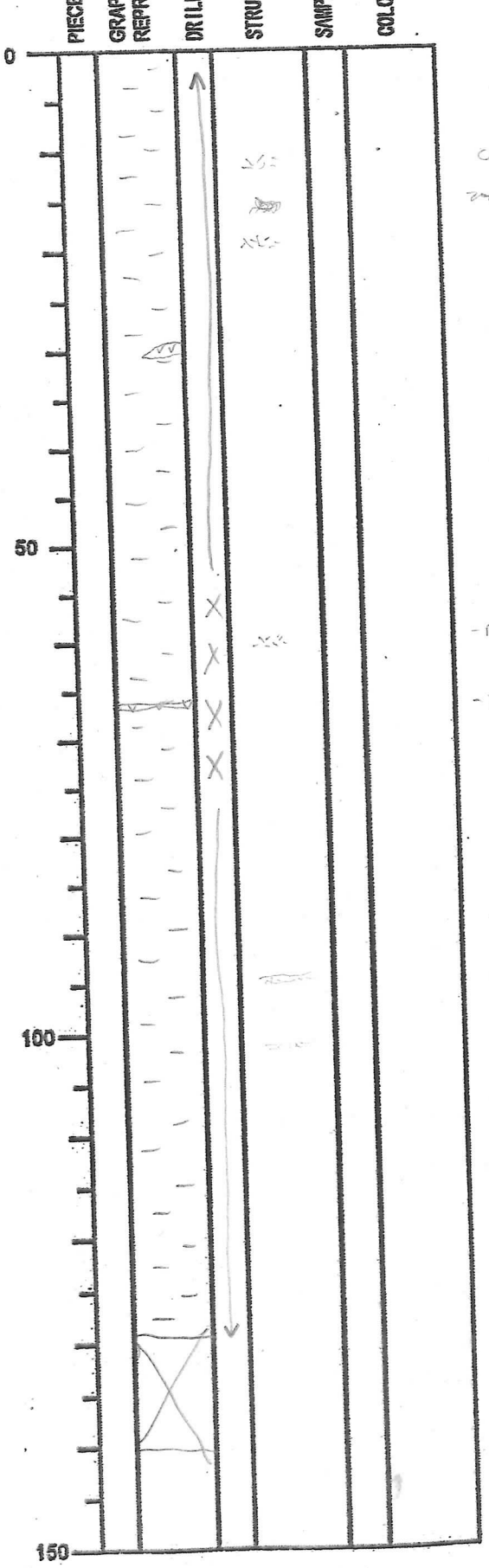
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 20R
SECTION: 2
OBSERBER: UN



SECTION DESCRIPTION

as previous.

chondrites
zeophycos.

- possible chondrites

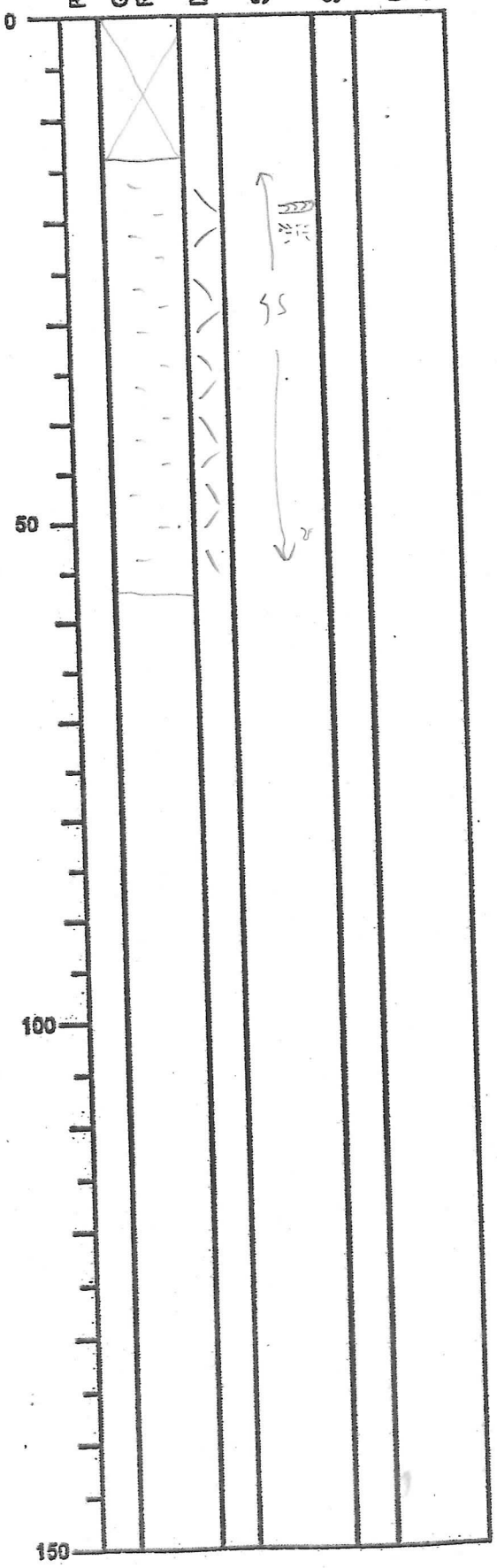
- poorly lithified ash bed

green color bands

WR

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 20R
SECTION: 3
OBSERBER: UN

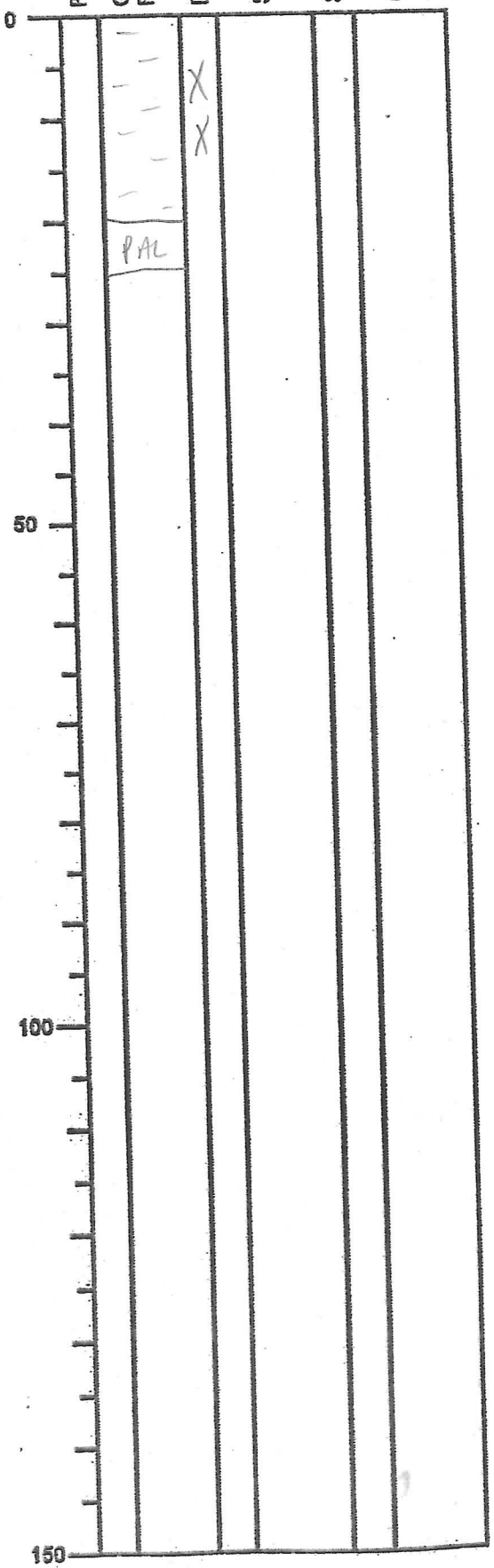


SECTION DESCRIPTION

bioturbation — zoophycos and chondrites and unidentified

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23 / 01 / 2018
EXP: 376
SITE/HOLE: C0007D
CORE: 20R
SECTION: CC (4)
OBSERBER: VN

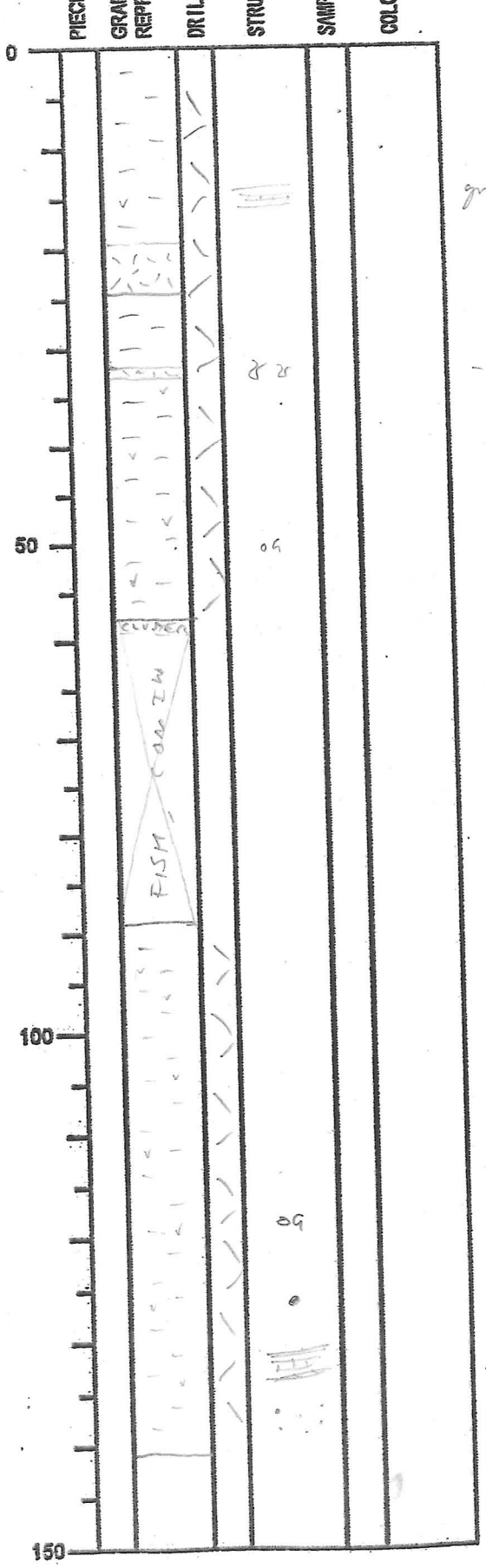


SECTION DESCRIPTION

as previous

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 21R
SECTION: 1
OBSERBER: UN



SECTION DESCRIPTION

Greenish grey silty claystone with gritty, pitted surface texture due to many high volcaniclastic component
- siliciclastic component lower than volcaniclastic.

green colour bands

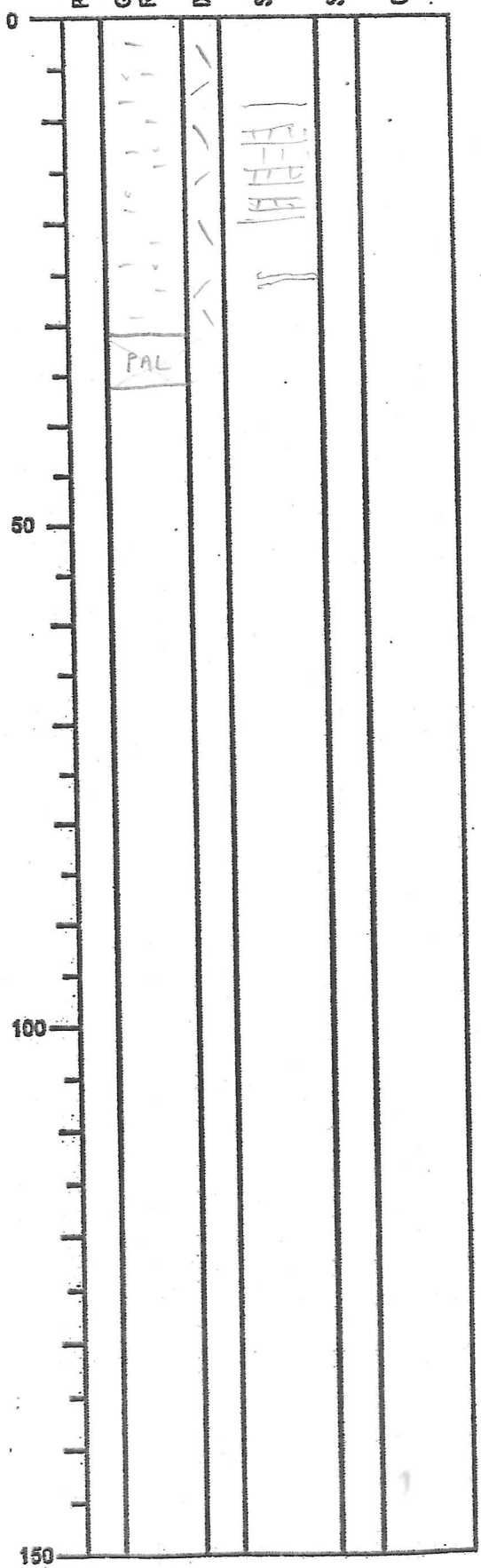
- distributed ash.

- black patch.

thin green colour bands.
- scattered ash visible macroscopically.

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 21R
SECTION: 2(cc)
OBSERBER: VN



SECTION DESCRIPTION

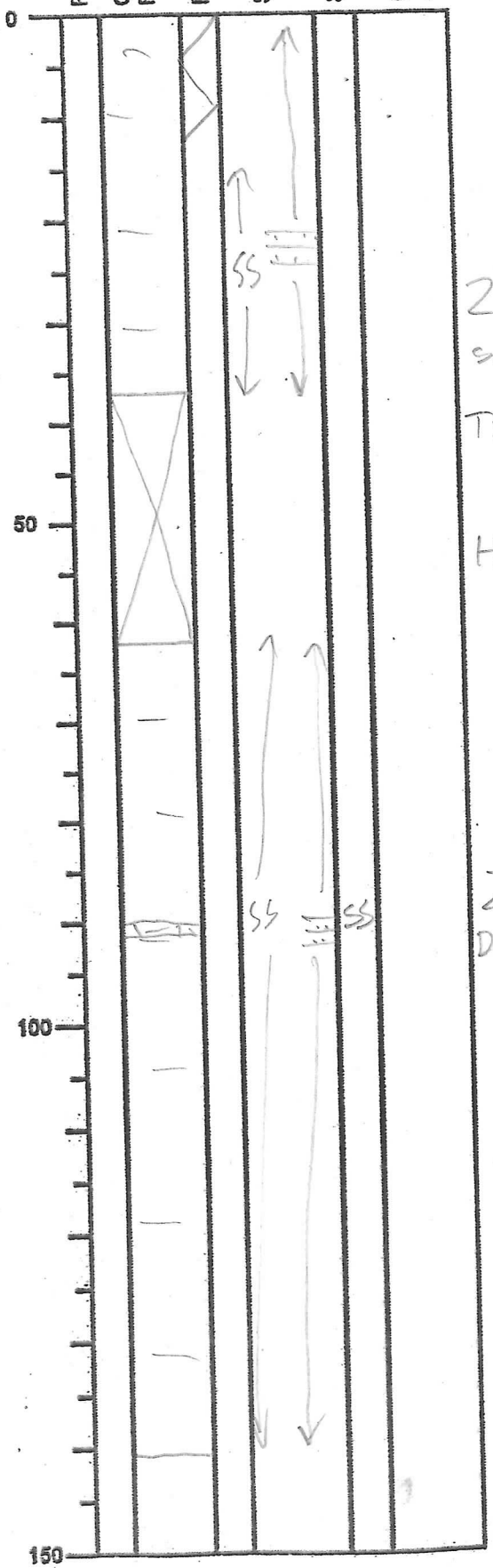
as previous.

green colour hardly, 8-14cm

- ash/sand filled burrow - horizontal

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 22R
SECTION: 1
OBSERBER: CLF



SECTION DESCRIPTION

Greenish-gray silty claystone with green color bands, Zoophycos.

Zoophycos
small faults offsets burrow

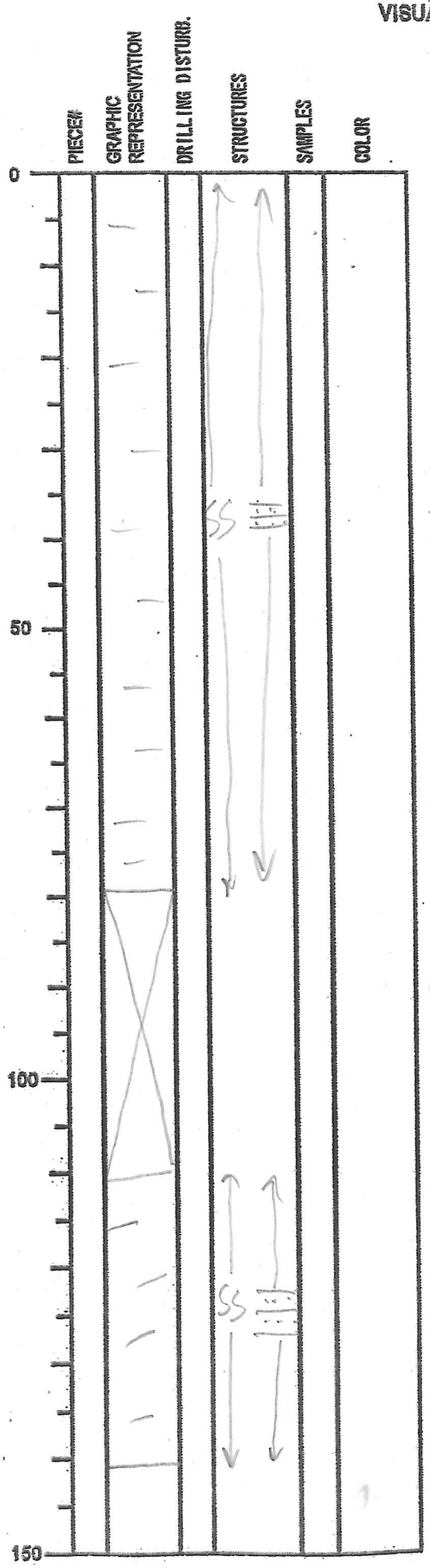
TSUTS

HASSY

Zoophycos
Disrupted ashstone

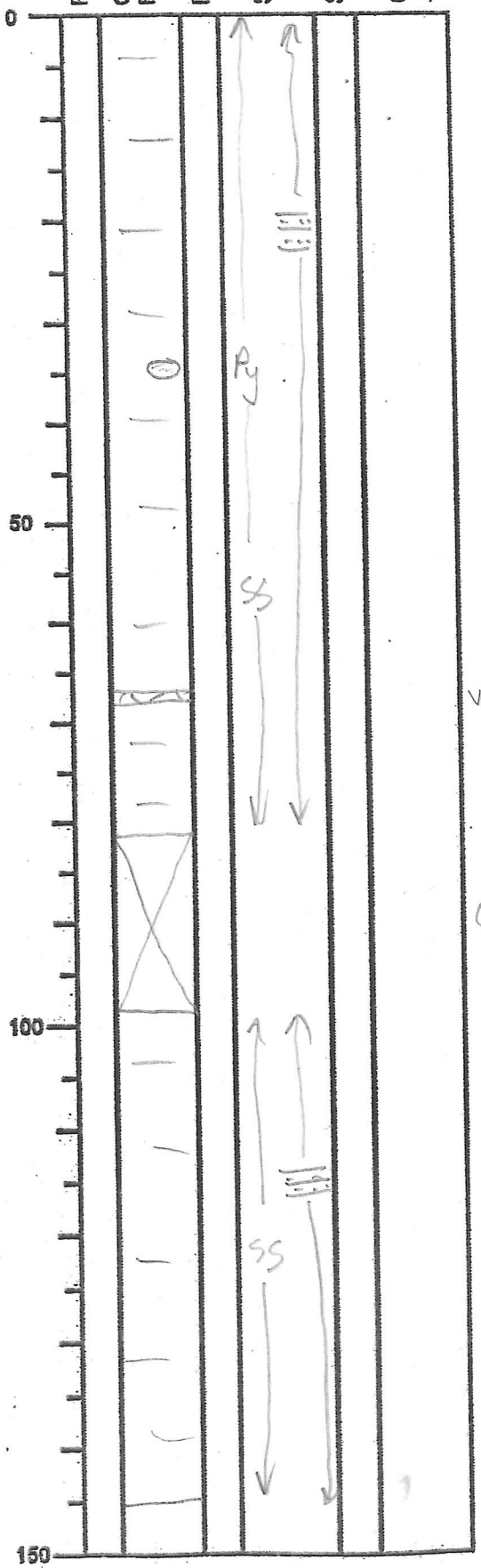
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 22R
SECTION: 2
OBSERBER: CLF



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 22R
SECTION: 3
OBSERBER: CLF



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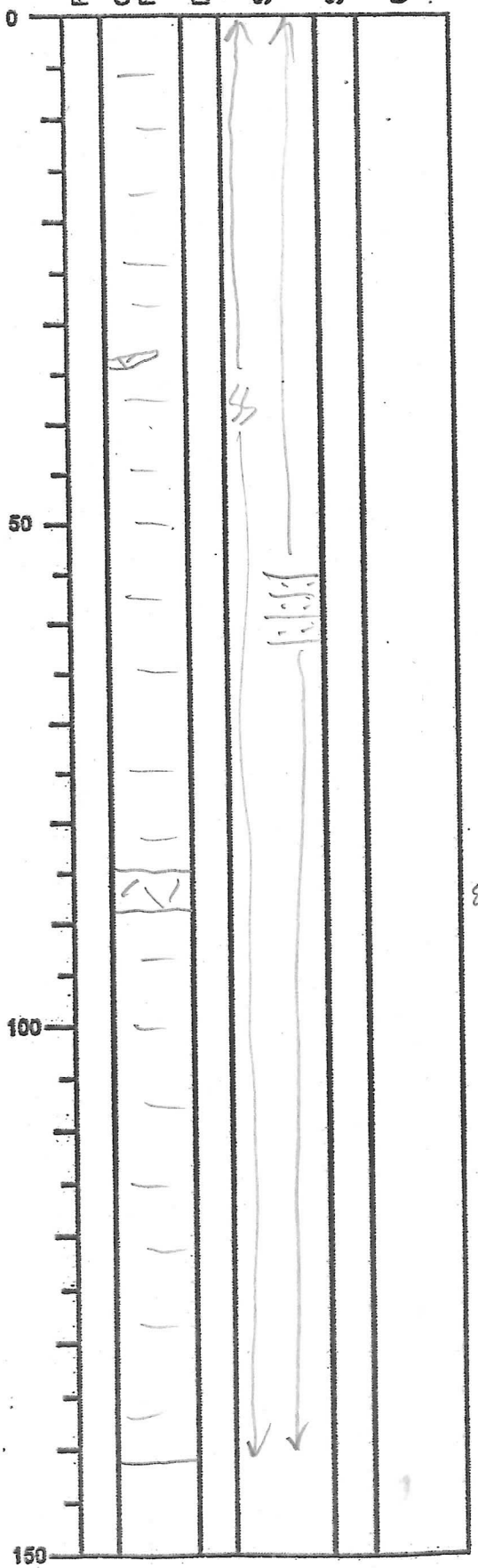
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

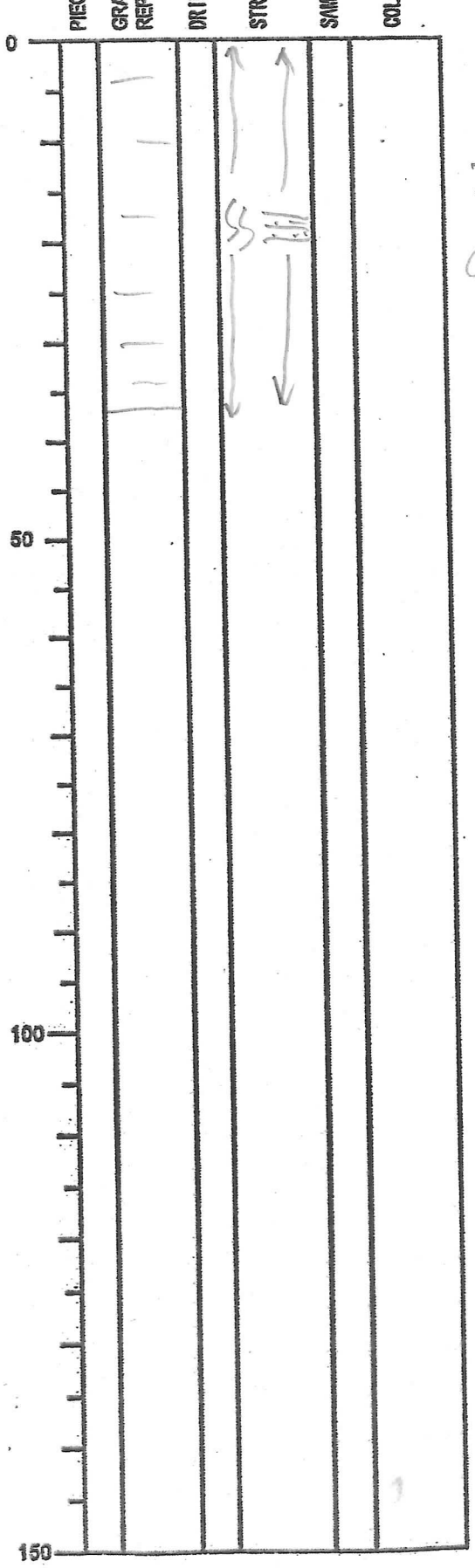
DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 22R
SECTION: 4
OBSERBER: CLF



85-89 cm
Light gy volcanic ashstone

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 22/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 22R
SECTION: 5
OBSERBER: CLF

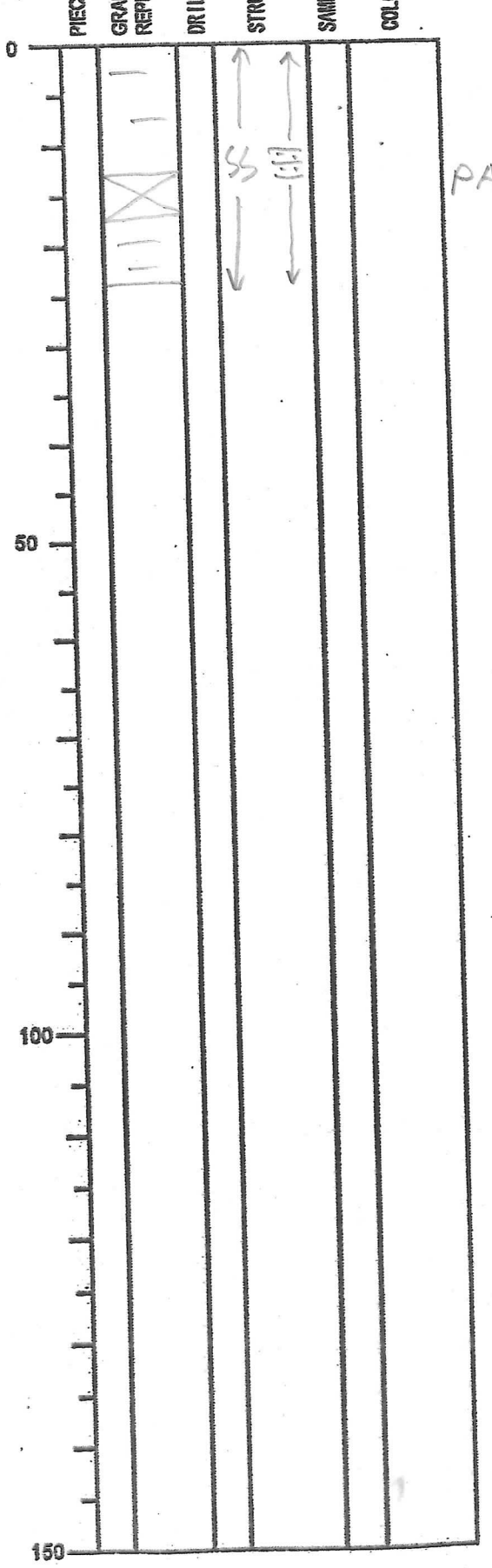


Zoophycos

Green color bands

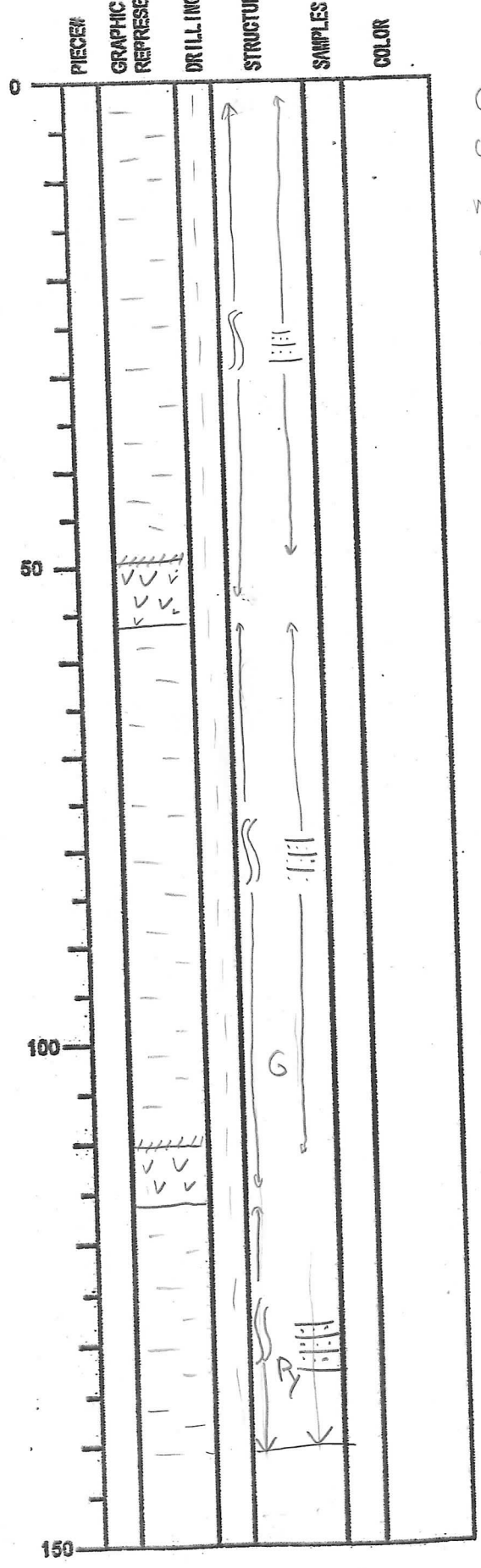
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 22R
SECTION: CC
OBSERBER: CLF



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24 / 1 / 20
EXP: 3
SITE/HOLE: C0007D
CORE: 23R
SECTION: 1
OBSERBER: MS / KLM



SECTION DESCRIPTION

Greenish gray silty claystone with green and dark gray color bands moderately bioturbated (zoophycos, chondrites and other burrows that appear to concentrat minor lithologies (eg. ash and nannofossil bearing burrow fill at 39cm in section 1) also occurrence of assimilated life forms (white specks), pyrite, glauconite

light gray ashstone, bioturbated in the upper part (contains nannofossils)

light gray ashstone, bioturbated in the upper part

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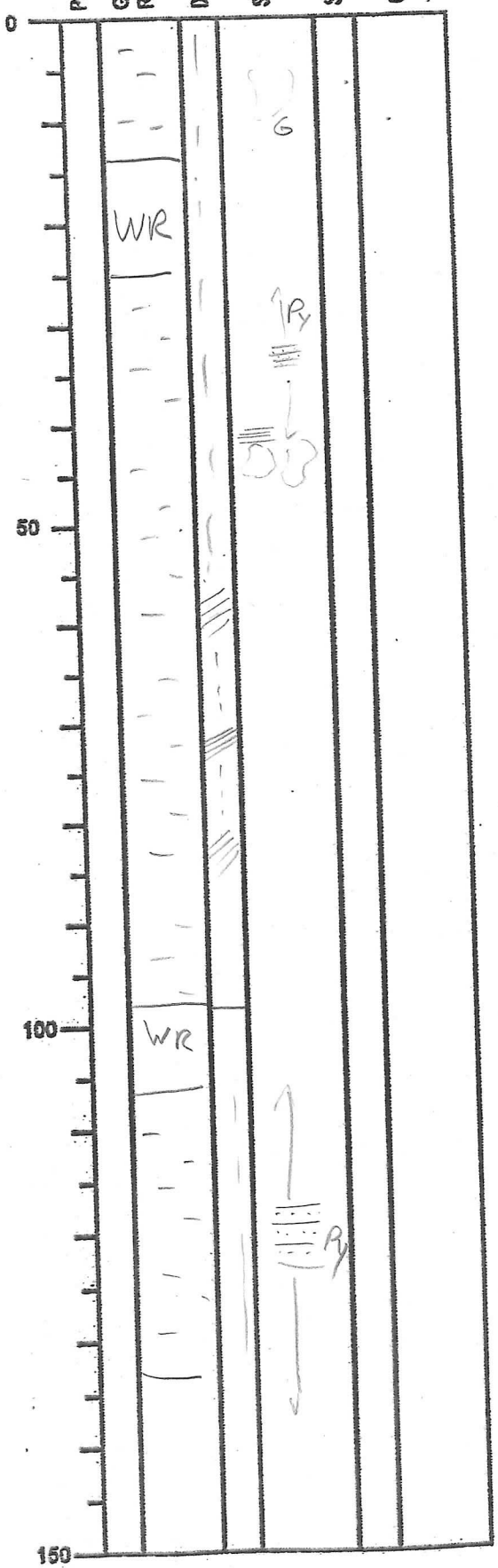
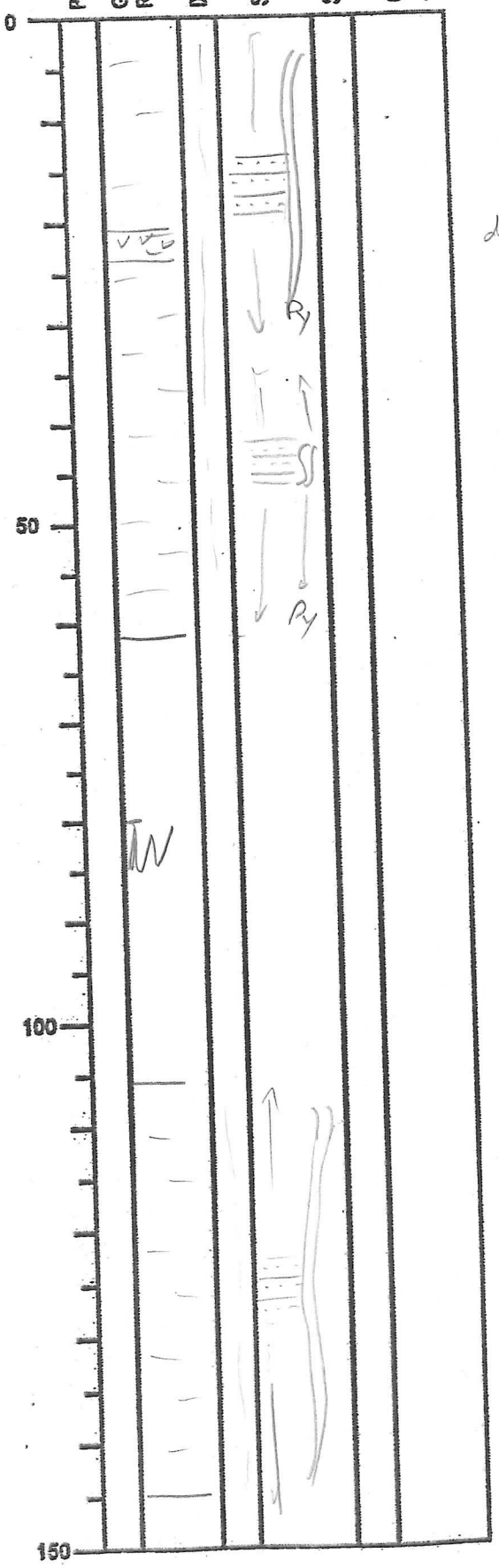
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 23R
SECTION: 2
OBSERBER: MS / KCM



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 1 /20
EXP:
SITE/HOLE:
CORE: 23 R
SECTION: 3
OBSERBER: MS/KLM

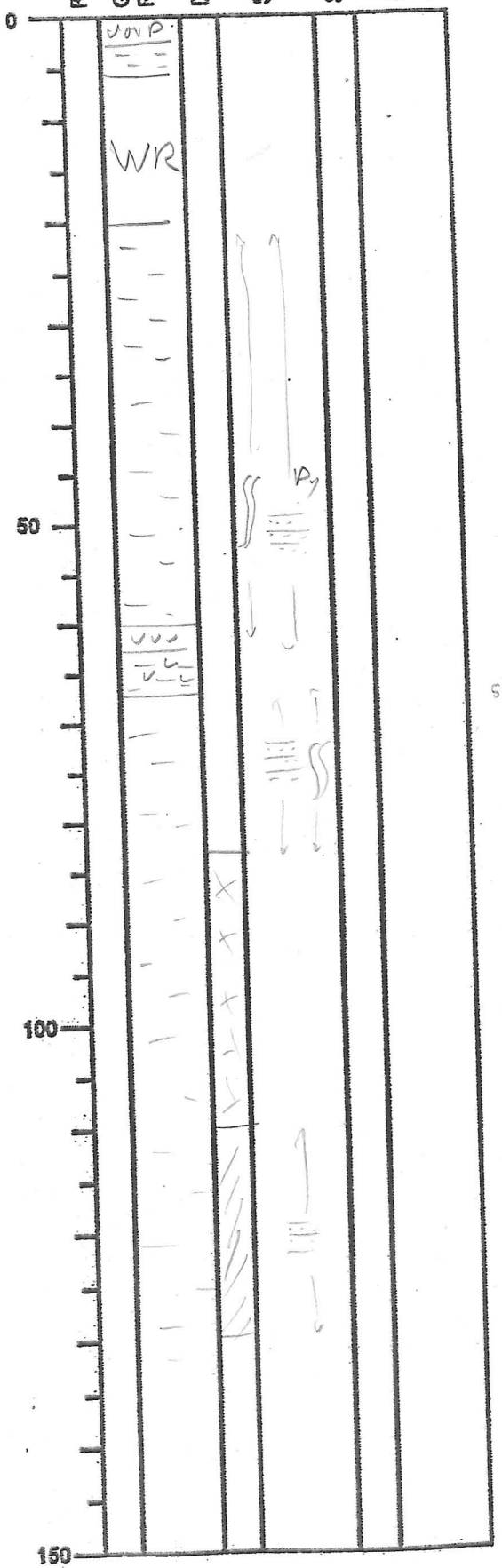


Depressed with carbonate nanno fossils

Symmetrical veins between 26 and 50

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

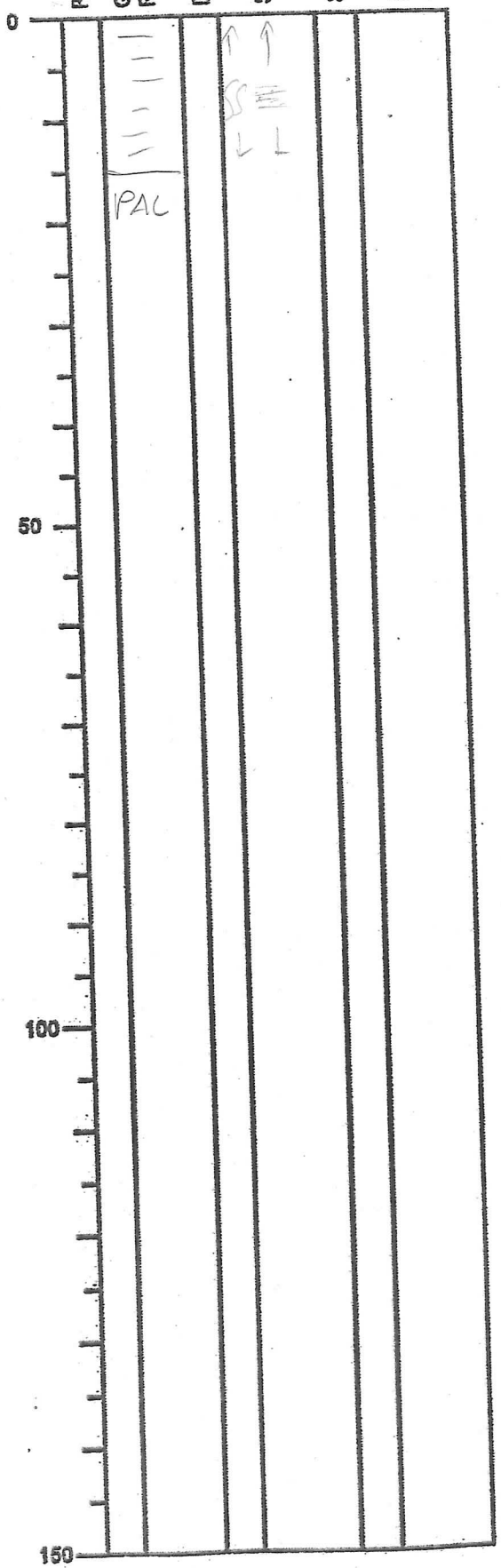
DATE: / /20
EXP:
SITE/HOLE:
CORE: 23R
SECTION: 4
OBSERBER: MS IKM



silty clay stone with abundant volcanoclastics

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 23R
SECTION: CC
OBSERBER: MS / KM



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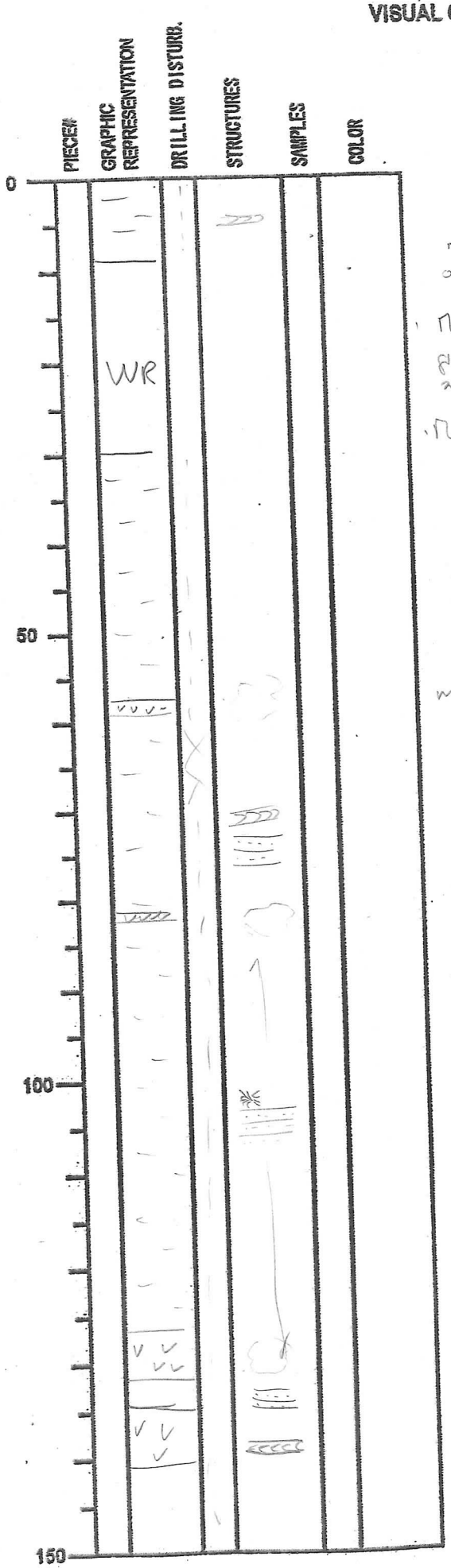
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23/11/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 24R
SECTION: 1
OBSERBER: MS/KCM



SECTION DESCRIPTION

greenish gray silty claystone
moderately bioturbated (zoophycos, chondrites and other burrows) with green and dark gray color bands and ~~mottled~~ color mottling
- Minor occures of thin intervals of slightly lighter gray in color hue containg high amount of dispersed ashes ⇒ bioturbated ash
- Minor occures of ash-laminated lithic grains (white specks) Glauconite and Pyrite

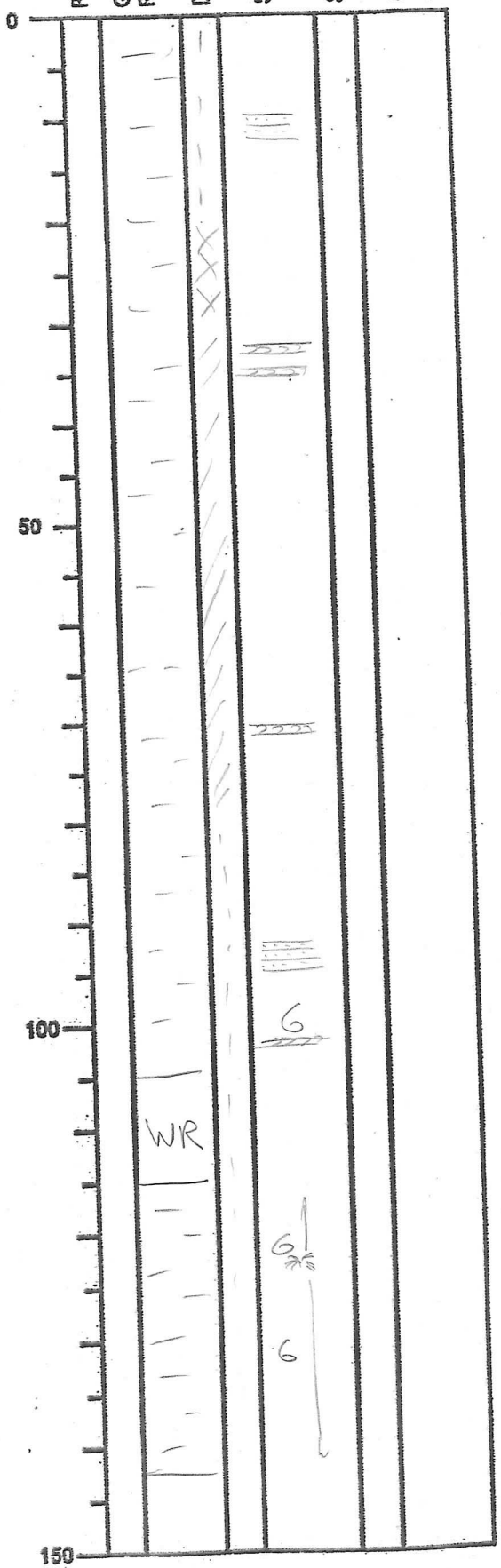
molleled dispersed ash?

molleled dispersed ash?

Ver.0.10_0

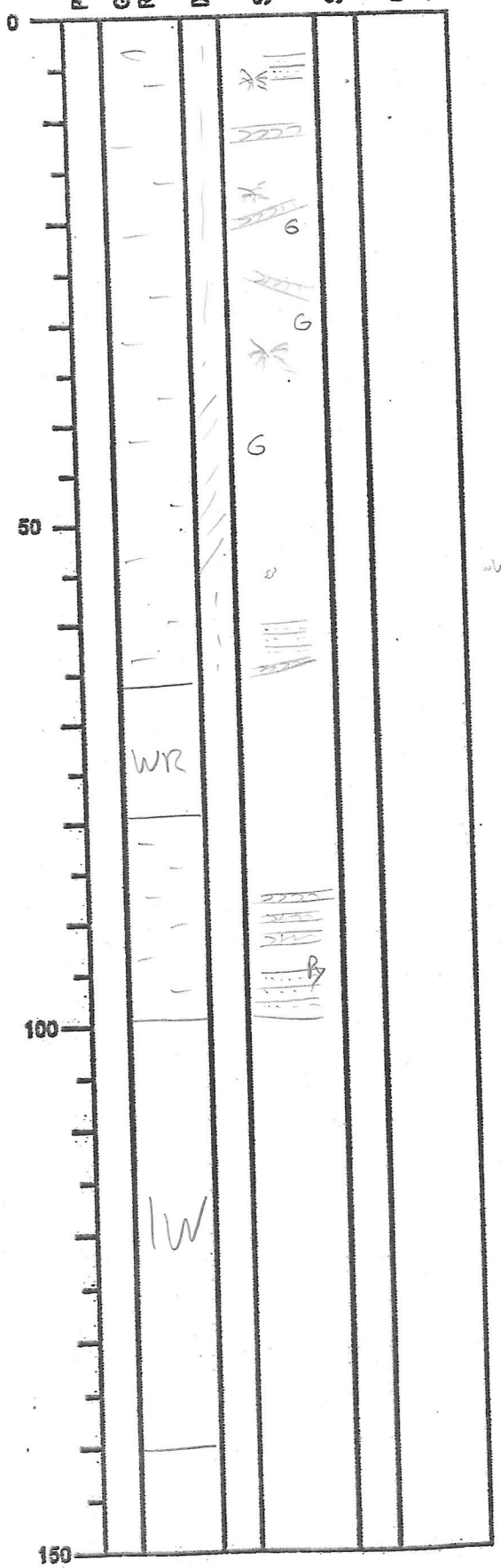
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 24R
SECTION: 2
OBSERBER: MS / KLM



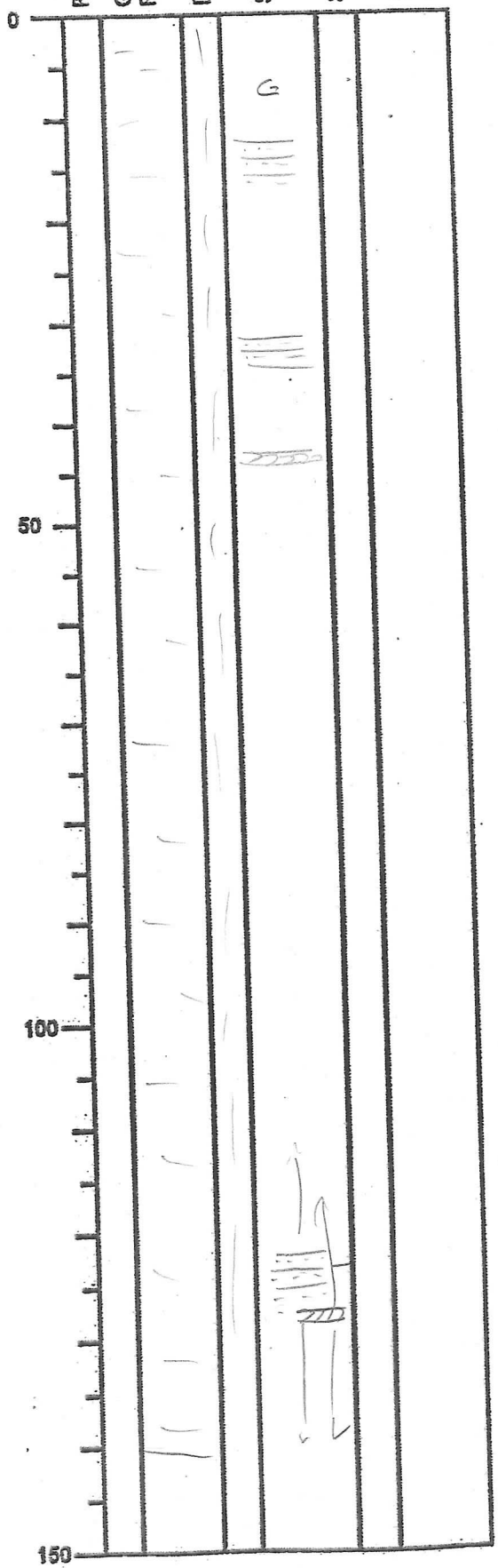
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 23 / 1 / 2008
EXP: 316
SITE/HOLE: U1074D
CORE: 24R
SECTION: 4
OBSERBER: MS/KLM



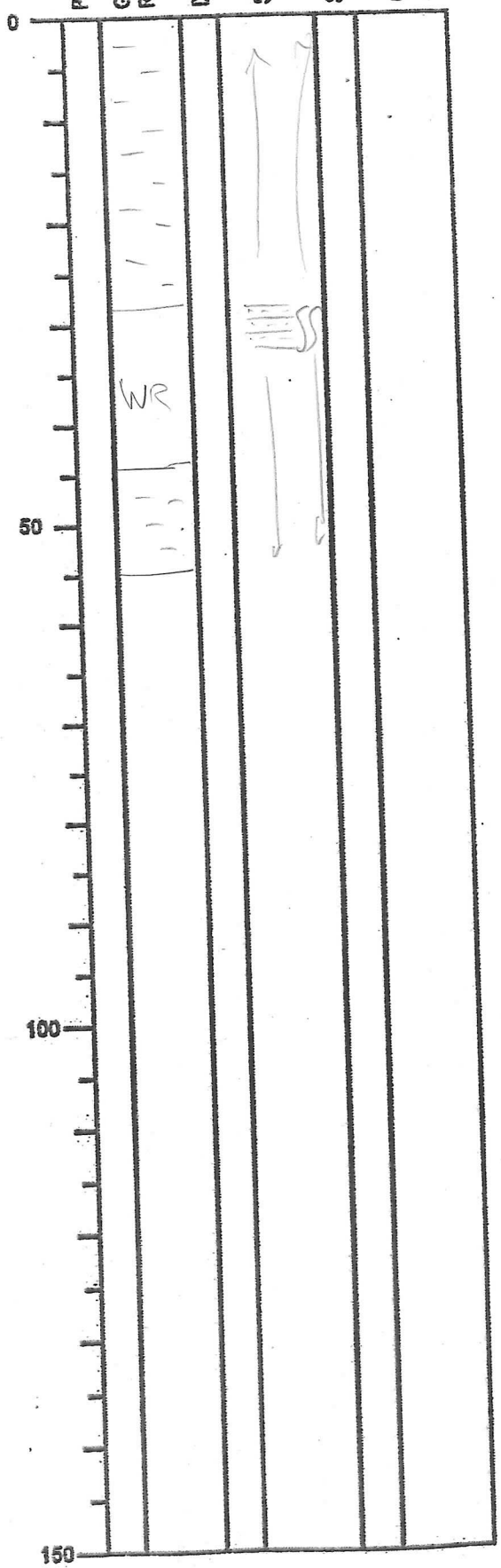
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP: 316
SITE/HOLE: C0002D
CORE: 24R
SECTION: 4
OBSERBER: MS / KM



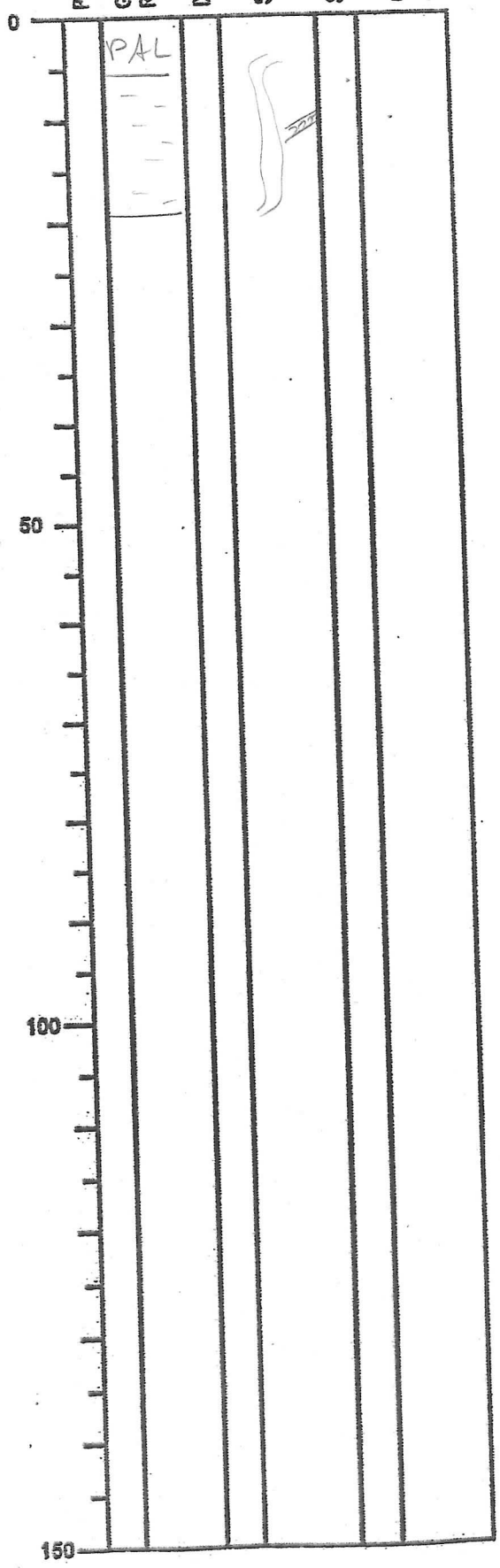
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 24R
SECTION: 5
OBSERBER: MS/KM



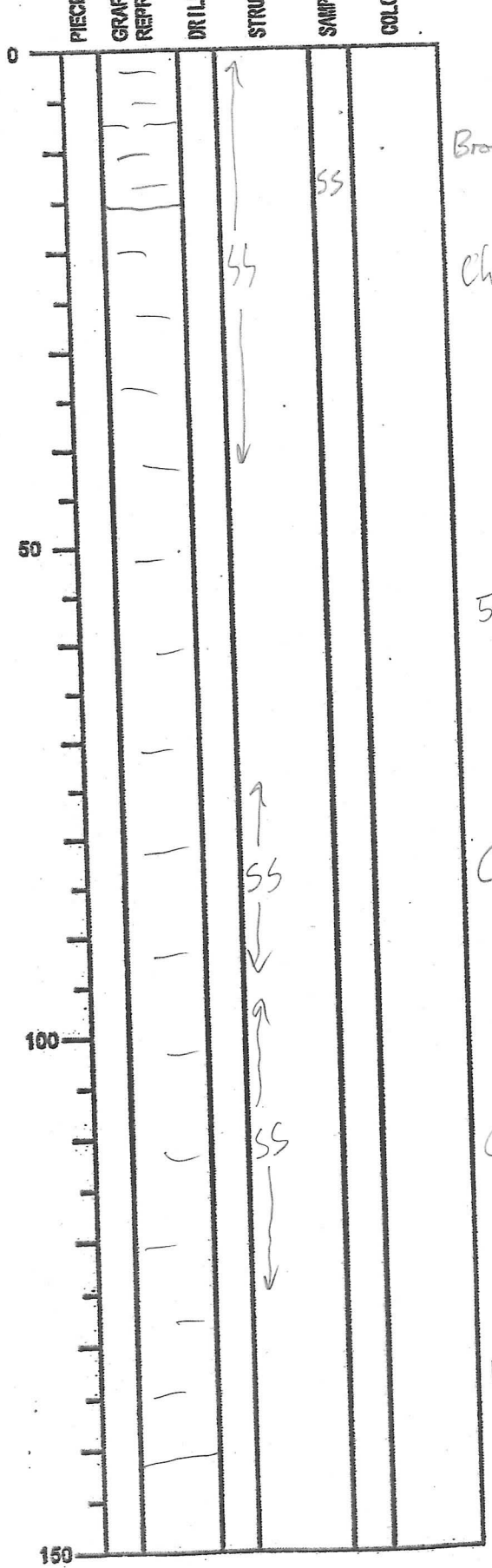
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 24R
SECTION: CC
OBSERBER: MS/KLM



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 25R
SECTION: 1
OBSERBER: CLF



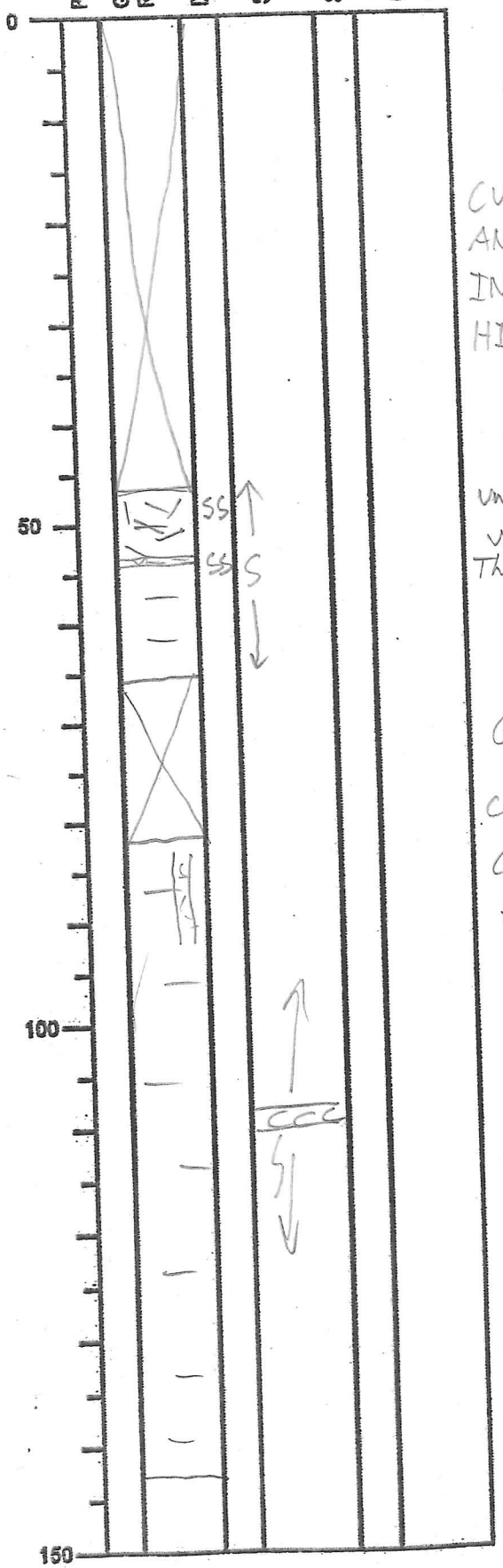
Greenish-gy silty claystone with green color bands, some Chondrites

Some fractures plus zones of breccia/micro breccia – most likely mainly natural

Ver.0.10_1

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 25R
SECTION: 2
OBSERBER: CLF



SECTION DESCRIPTION

Greenish-gray claystone with green color bands, Zoophycos

CULT
ANNA
INAW
HIRO

unusual color variations
Thin ashstone 54–54.5cm

Ashstones ~~46.5~~ – 54.5cm (black, light gn-gy)

GUO

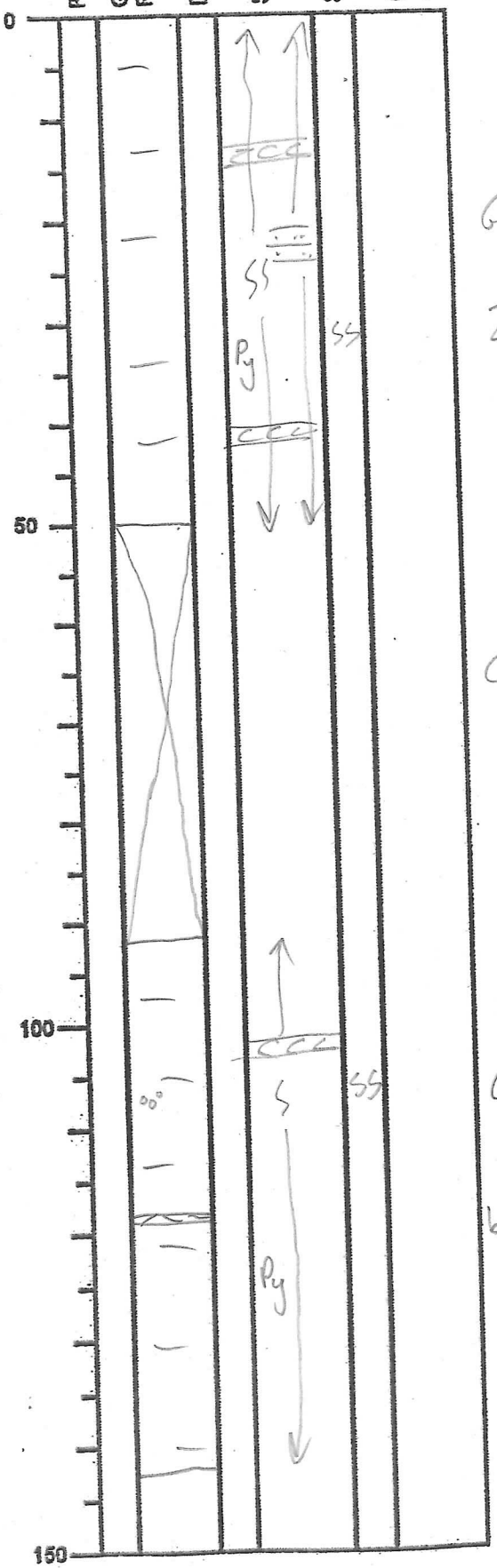
CLUSTER

Color bands cut by vertical burrow

Brecciated in lower part of core

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 25R
SECTION: 3
OBSERBER: CLI



Green color bands

Zooplycos

COM IW

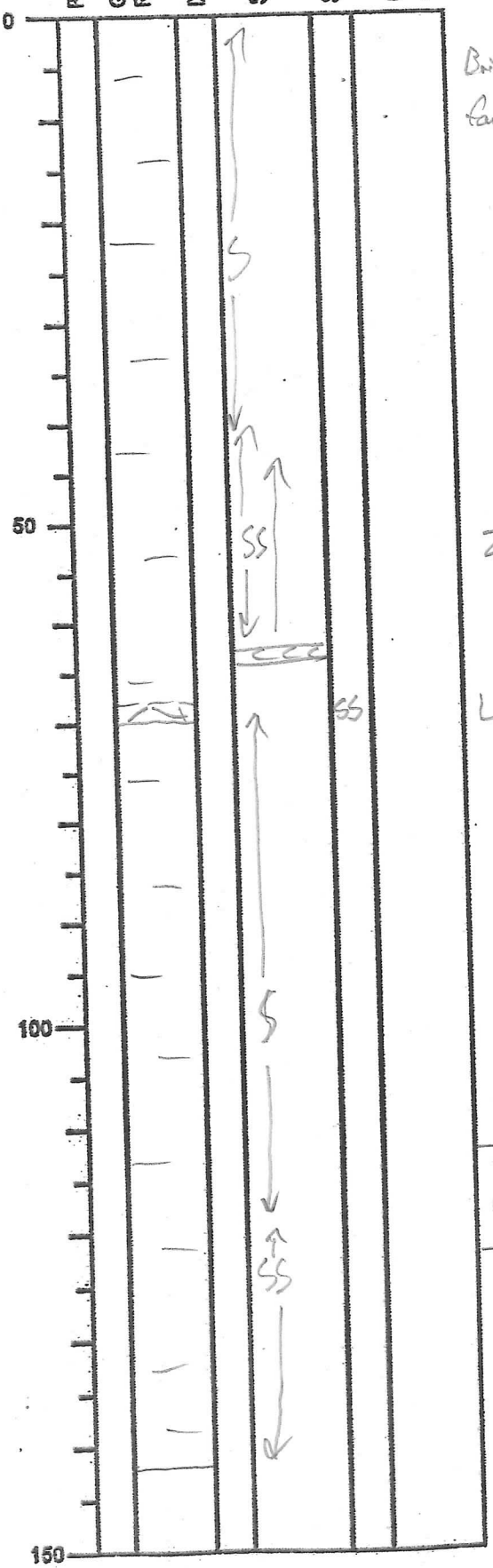
Change of color – less greenish

Chondrites – ash-filled

black ashstone

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 25R
SECTION: 4
OBSERBER: CLF



Brittle faults

Greenish-gy claystone

Green color bands

Small normal faults occur in section

Zoophycos

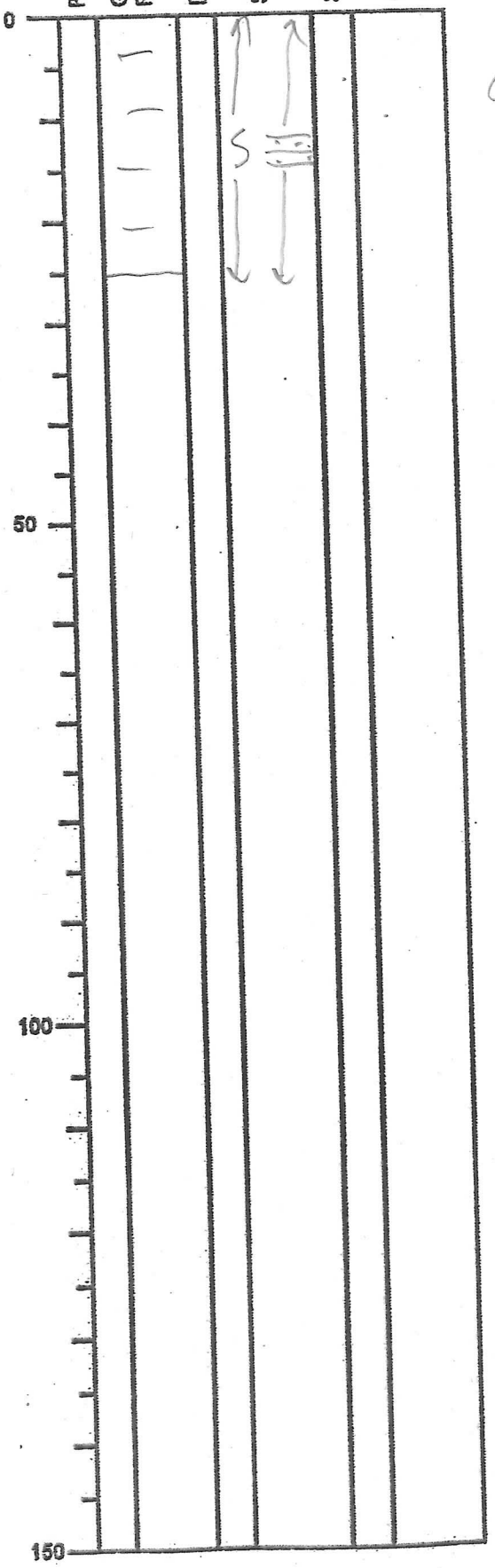
Light gy-gn volcanic ashstone

Breccia

chondrites

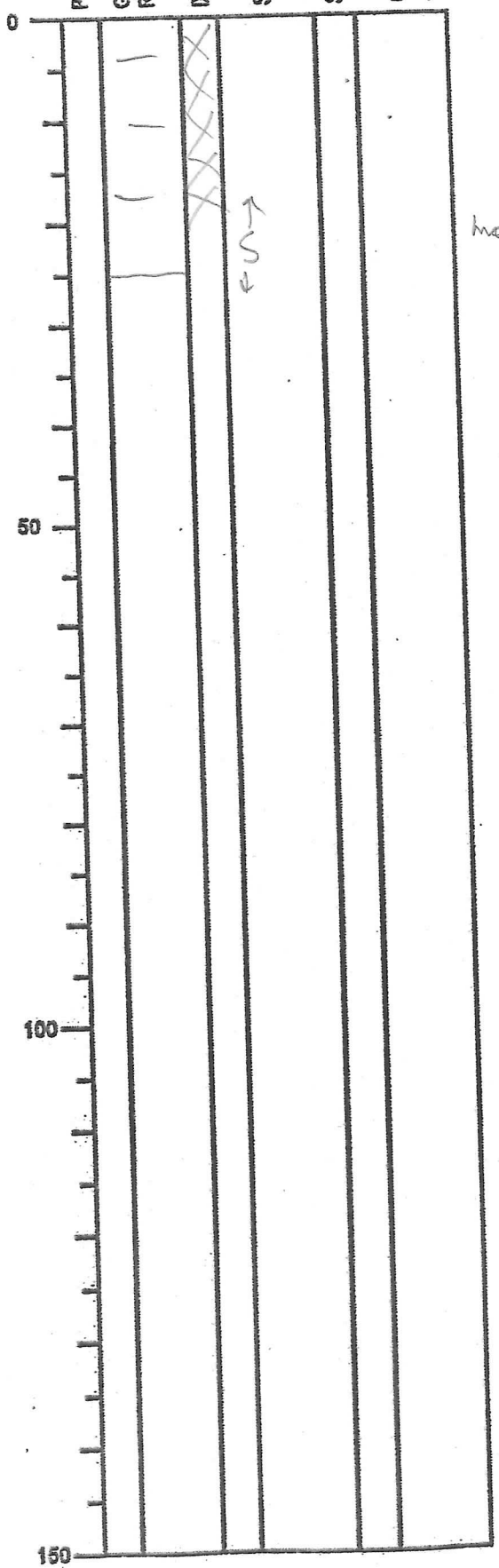
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 25R
SECTION: 5
OBSERBER: CLF



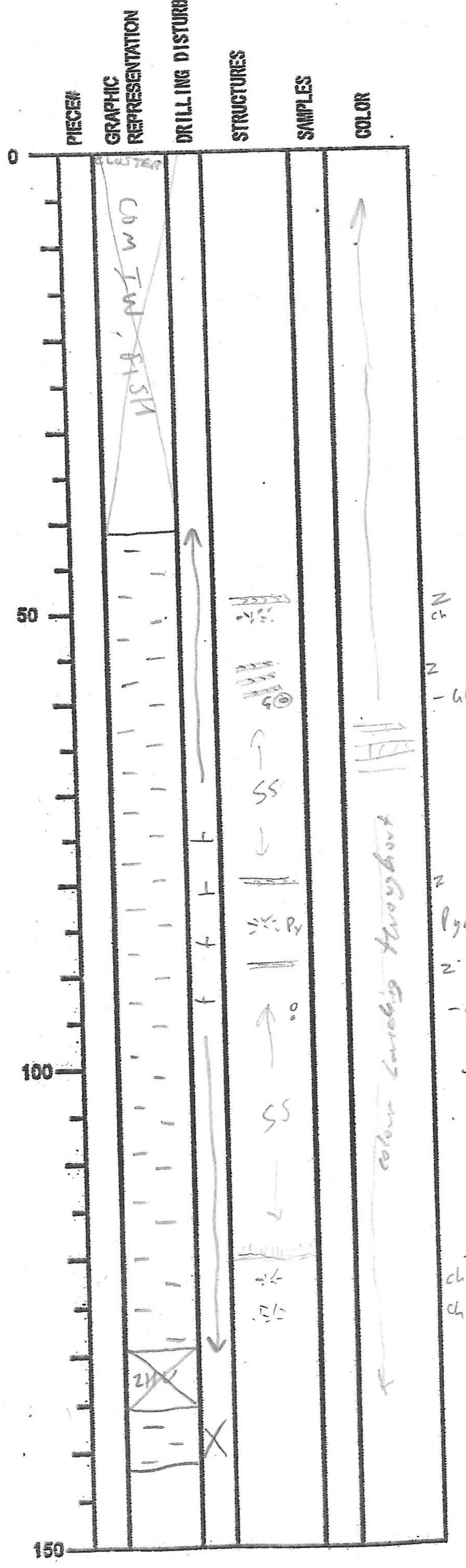
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 25R
SECTION: CC
OBSERBER: CLF



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24 / 01 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 26R
SECTION: 1
OBSERBER: UN



SECTION DESCRIPTION

greenish - grey claystone with green colour banding and intense bioturbation (zoophycos + chondrites)

Z ch

Z – Glauconite pellet with pyrite at centre (nucleation site?) and dark halo around it.

Z Pyrite cluster filling chondrites burrows.

Z – small ash 'lapilli' - 2-3mm.

– abundant vein structures/deformation bands between 100 and 120.

– 2 cm band of vertical vein-structure (?) which initiate at thicker deformation band at base.

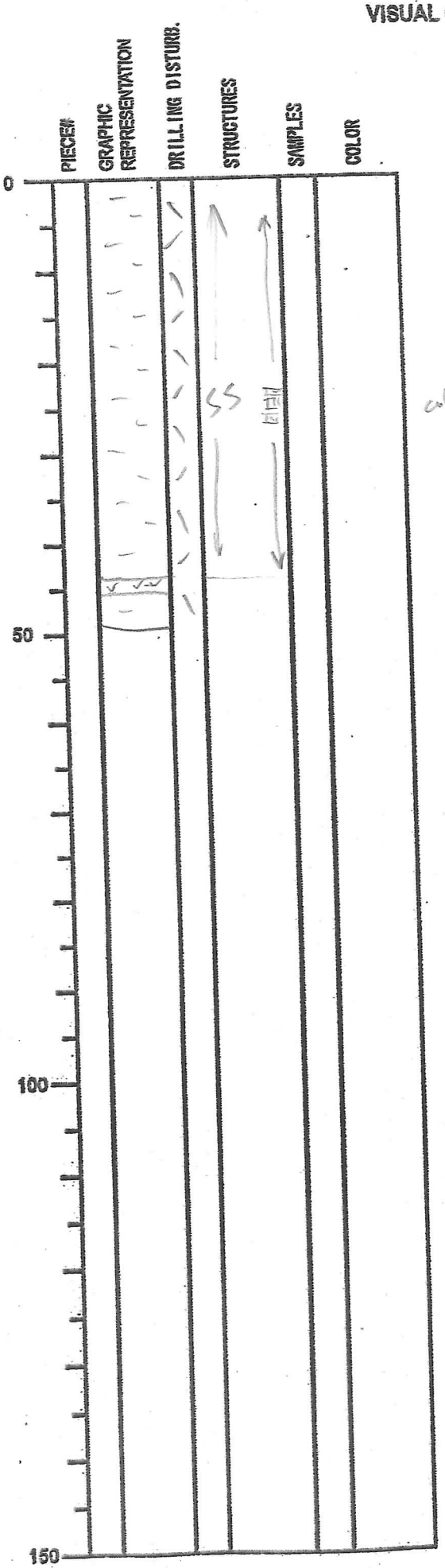
ch

ch

Ver.0.10_(

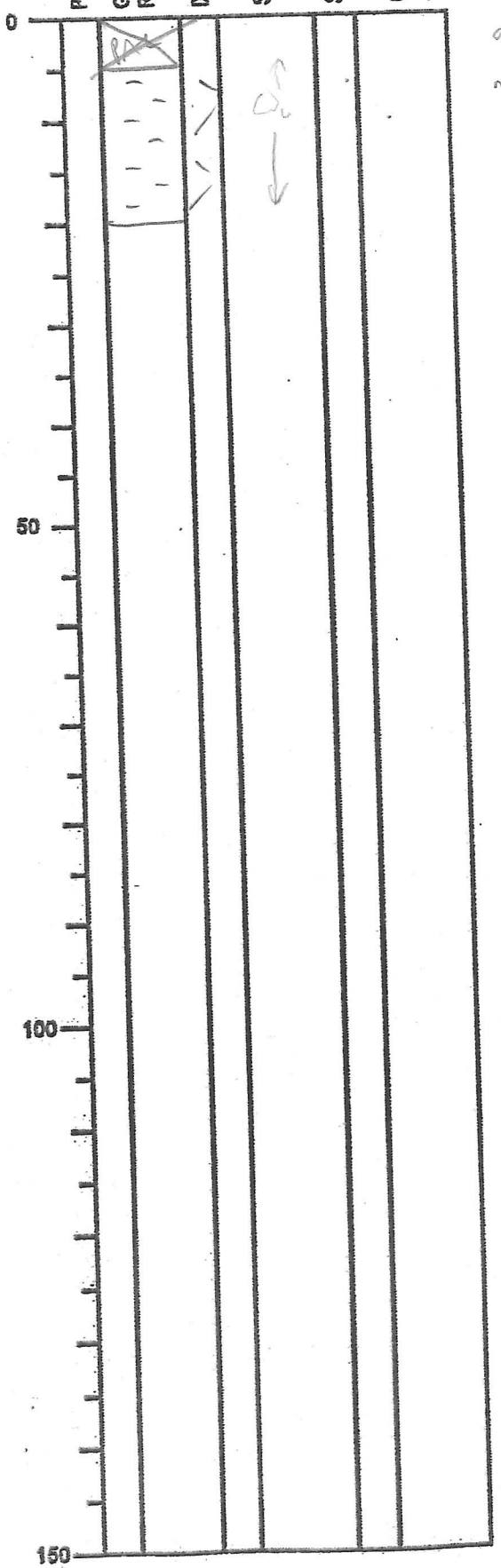
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 26R
SECTION: 2
OBSERBER: UN



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 25/10/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 26R
SECTION: 3(CC)
OBSERBER: VN

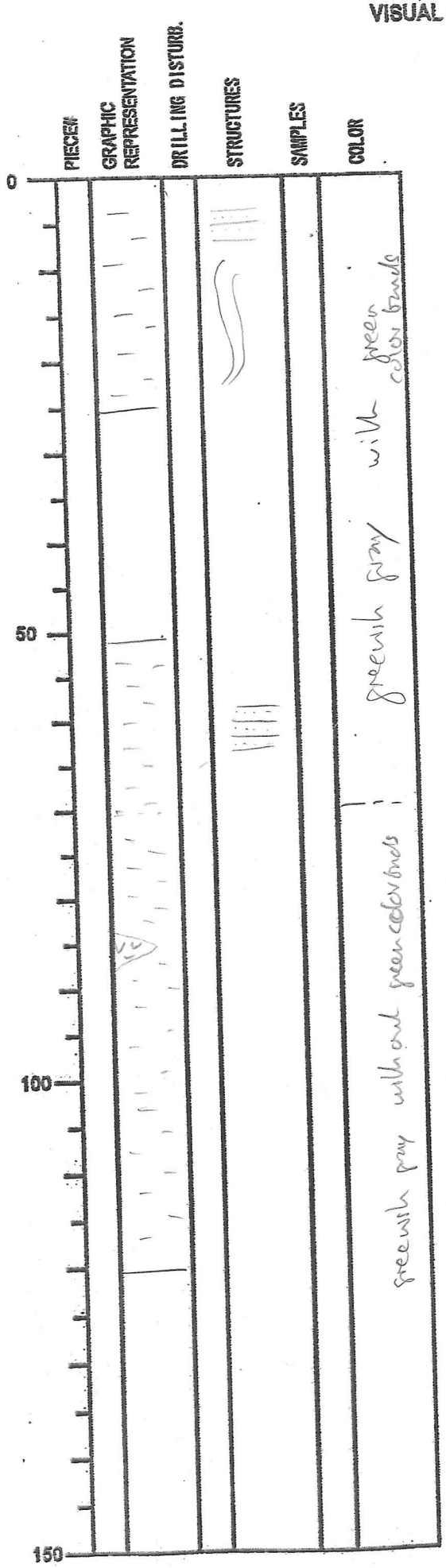


SECTION DESCRIPTION

as (previous)
mottled, (indistinct bioturbation)

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 29/1/2008
EXP: 316
SITE/HOLE: C0001D
CORE: 27R
SECTION: 1
OBSERBER: MS / KUM



SECTION DESCRIPTION

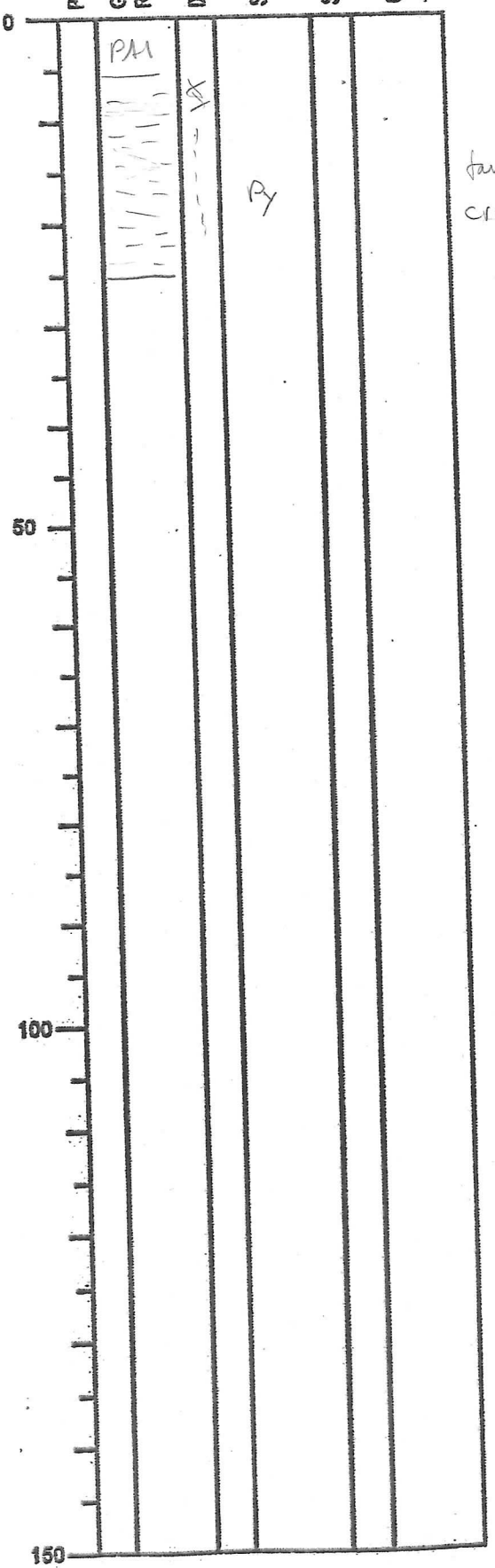
greenish gray silty clay
fractured in the upper part
brecciated in the lower part
(and fault gauche in cc)

⇒ sedimentary texture only can be observed in the upper part where bioturbation is moderate and green color band occure

patch of light gray substone

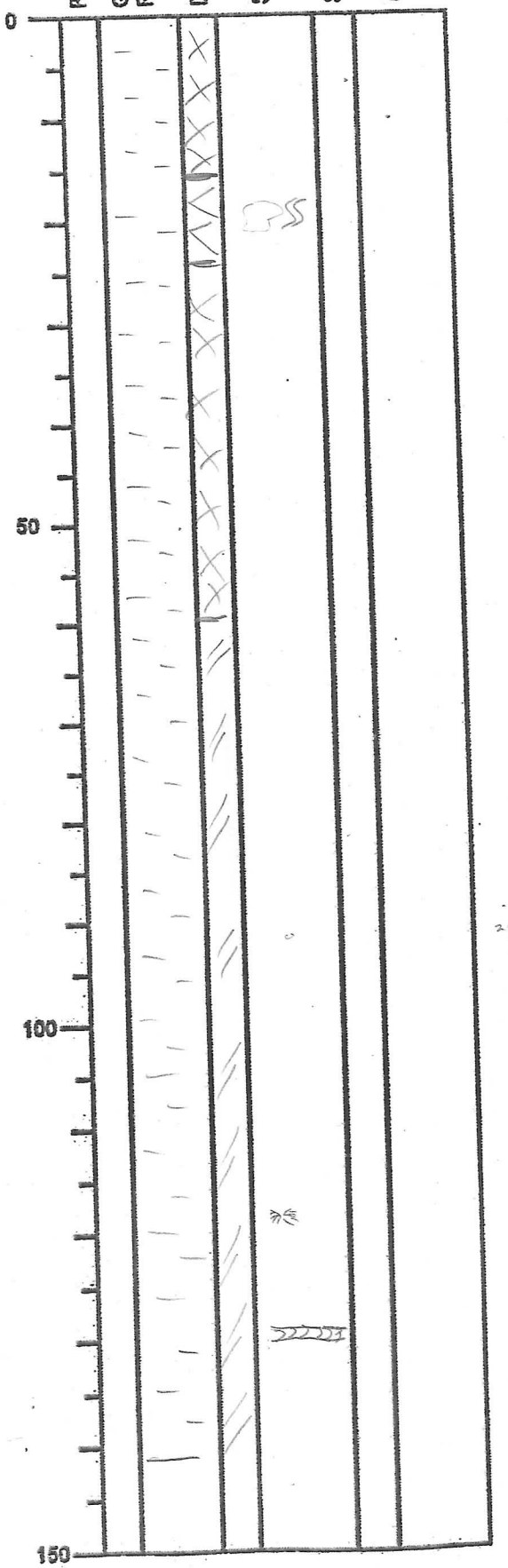
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 27R
SECTION: CC
OBSERBER: TS



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24 / 1 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 28 R
SECTION: 1
OBSERBER: MS / KCM



SECTION DESCRIPTION

greenish gray silty claystone

heavily fractured and broken in small little chips.

in bigger coherent peaces (max 5 cm)

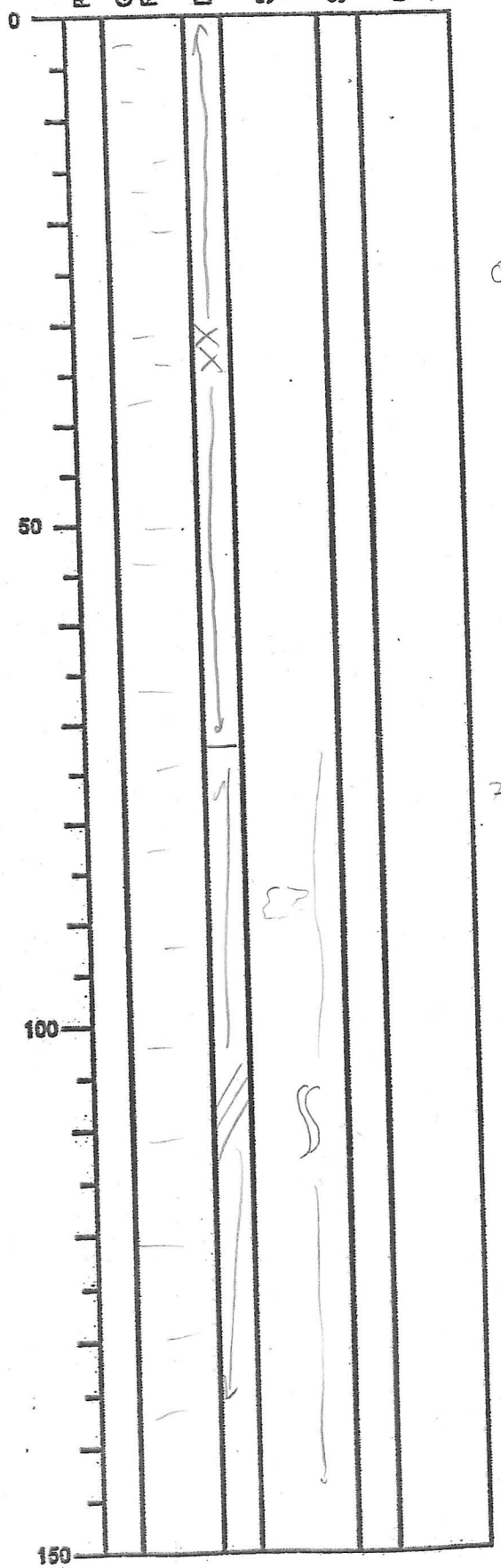
greenish to brownish color mottling can be observed

also minor occurance of zoophycos chondrites, ~~[illegible]~~ agglutinated life forms (benthic forams?) and pyrite

agglutinated life forms

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 28R
SECTION: 2
OBSERBER: MS / KLM

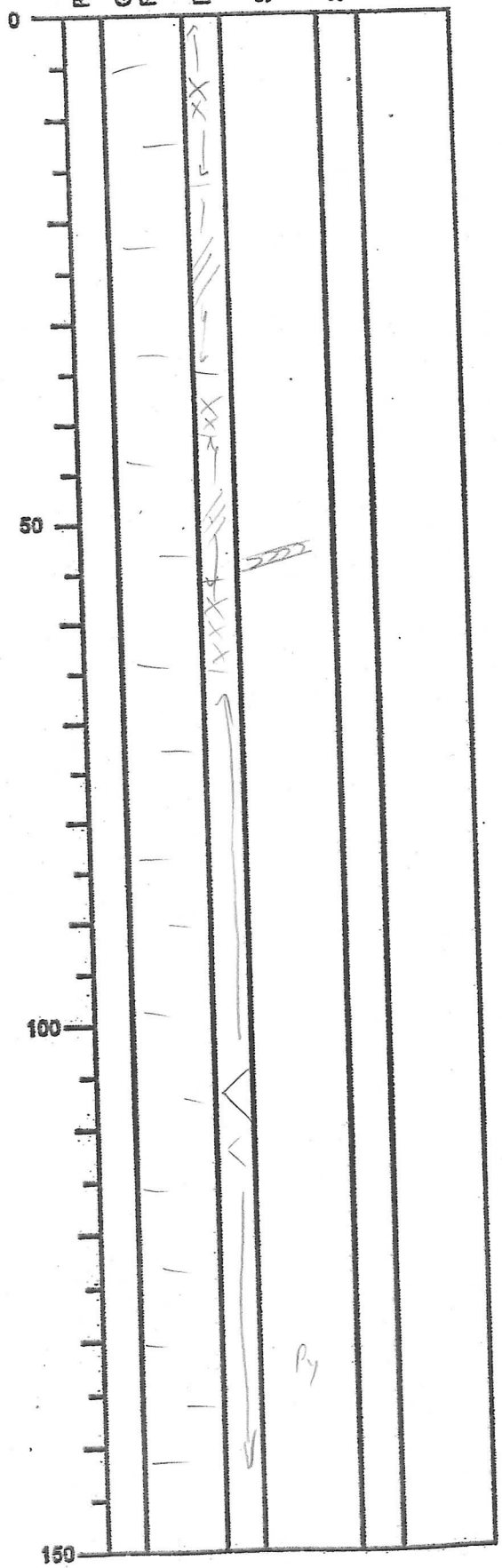


0 - 73 small chips only

73 - 142 more coherent pieces of up to 5cm

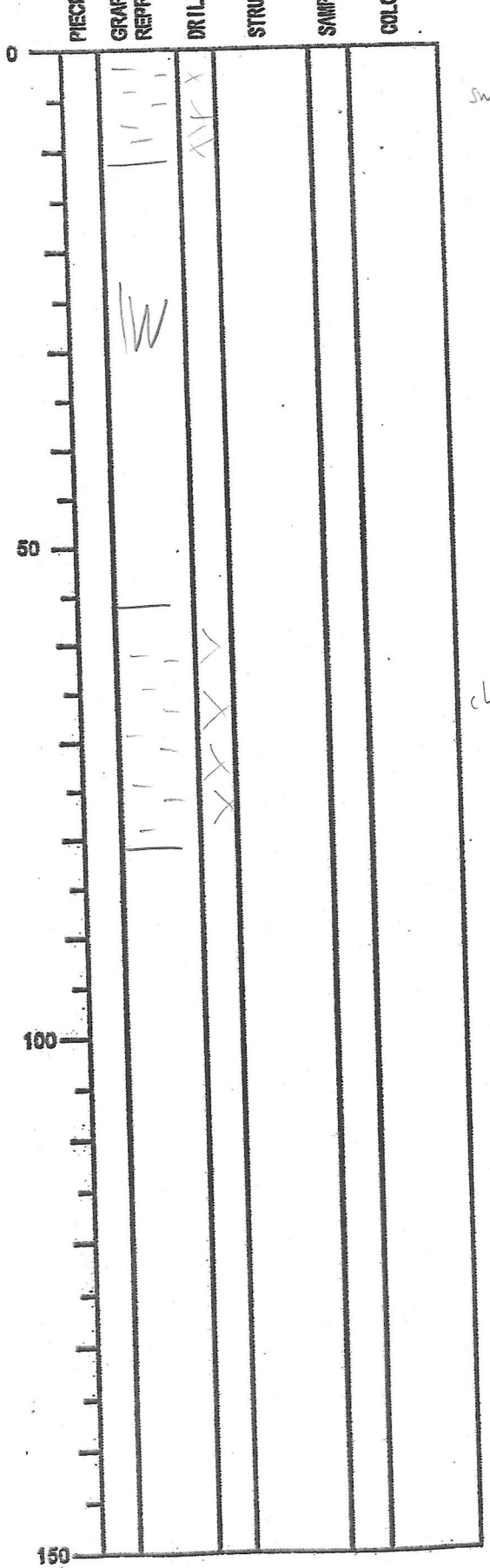
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 28R
SECTION: 3
OBSERBER: MS / KCM



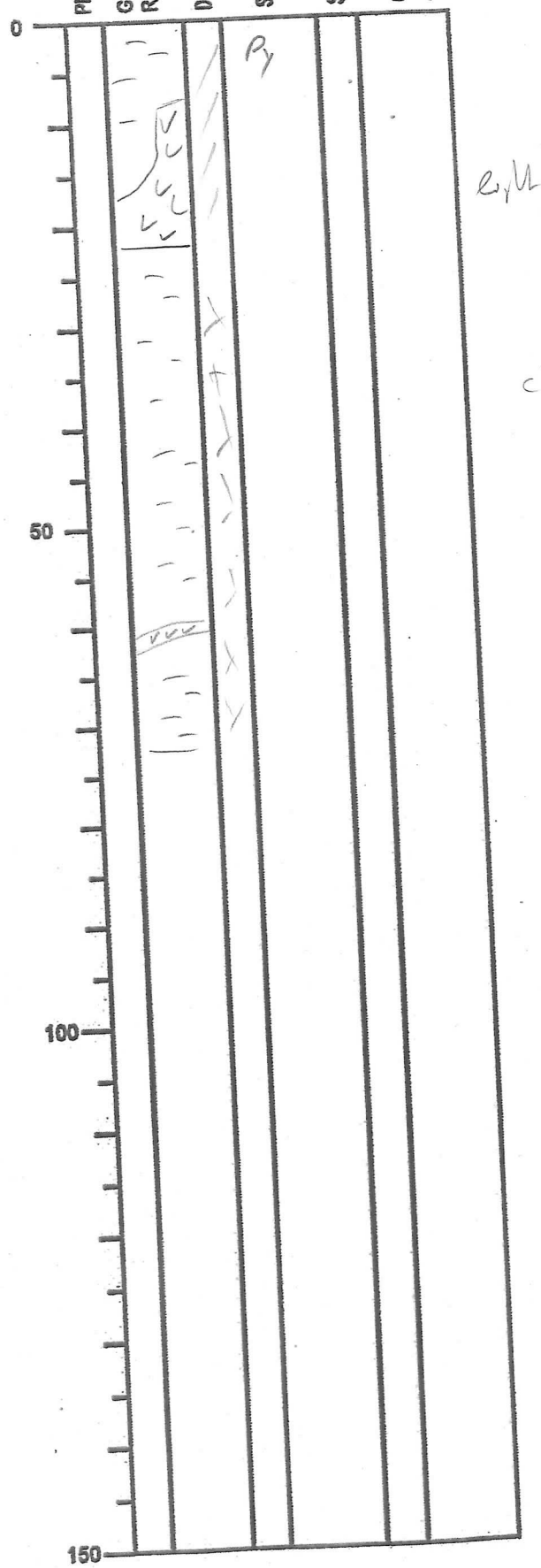
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 28R
SECTION: 4
OBSERBER: TS/KCM



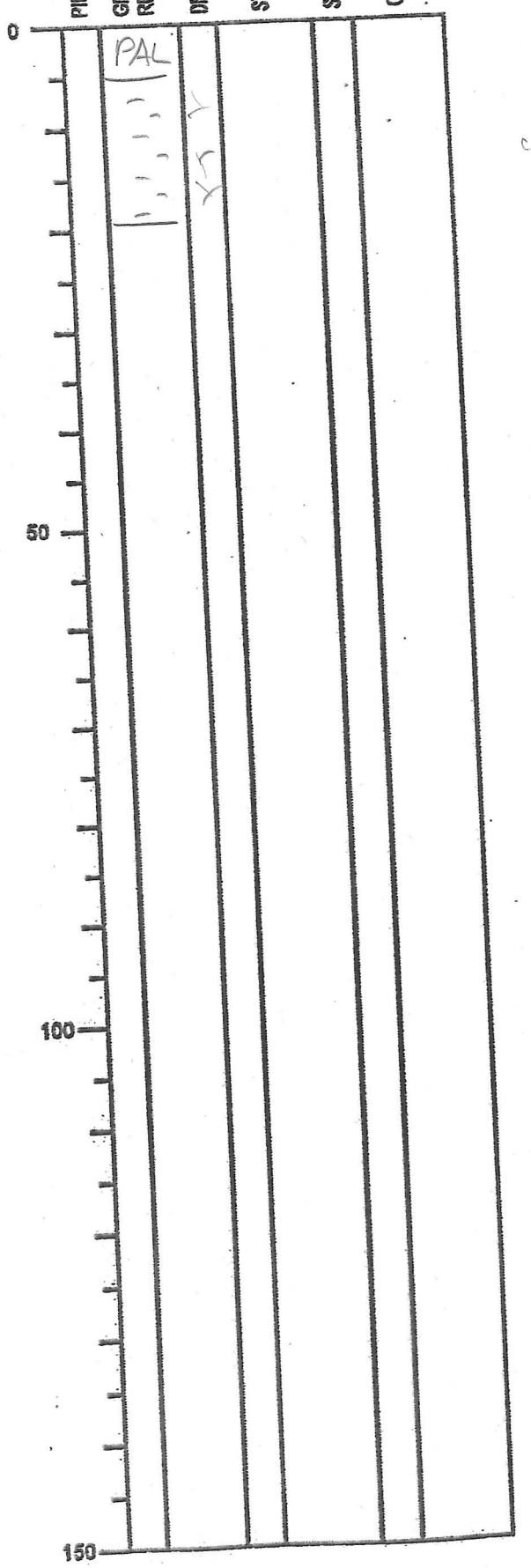
INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: / /20
EXP:
SITE/HOLE:
CORE: 28R
SECTION: 5
OBSERBER: TS / KCM



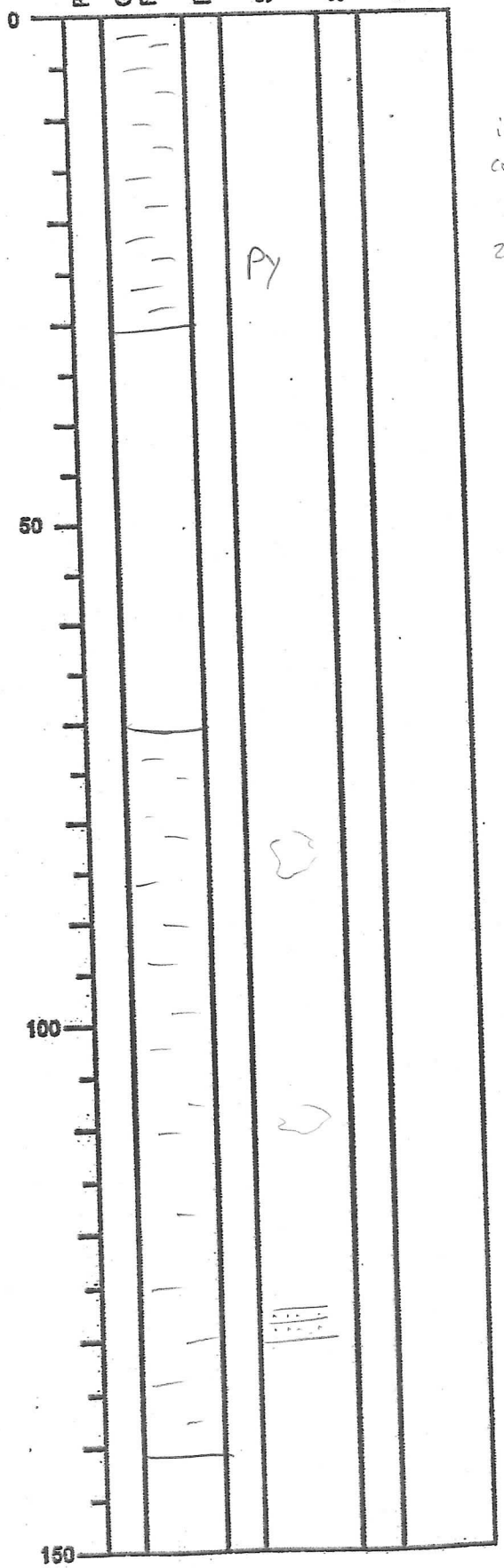
INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 28R
SECTION: CC
OBSERBER: MS/KCM



INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 24 / 7 / 2008
EXP: 316
SITE/HOLE: C0007D
CORE: 29 R
SECTION: 1
OBSERBER: MS / KCM



SECTION DESCRIPTION

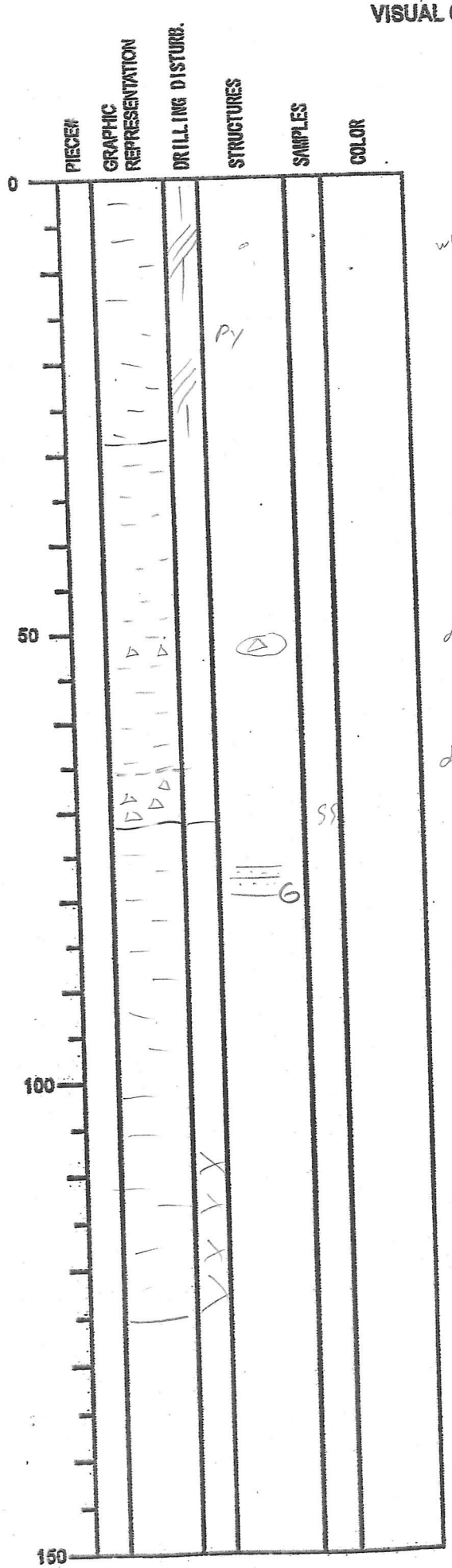
greenish gray silty claystone
heavily fractured and partly brecciated
in more cohered pieces greenish and brownish
color mottling and color banding can be observed

24-25 Pyrite nodule (1cm in diameter)

Ver.0.10_1

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: / /20
EXP:
SITE/HOLE:
CORE: 29R
SECTION: 2
OBSERBER: MS/KLM



SECTION DESCRIPTION

white specks, assimilated sand?

WR - recovered + split

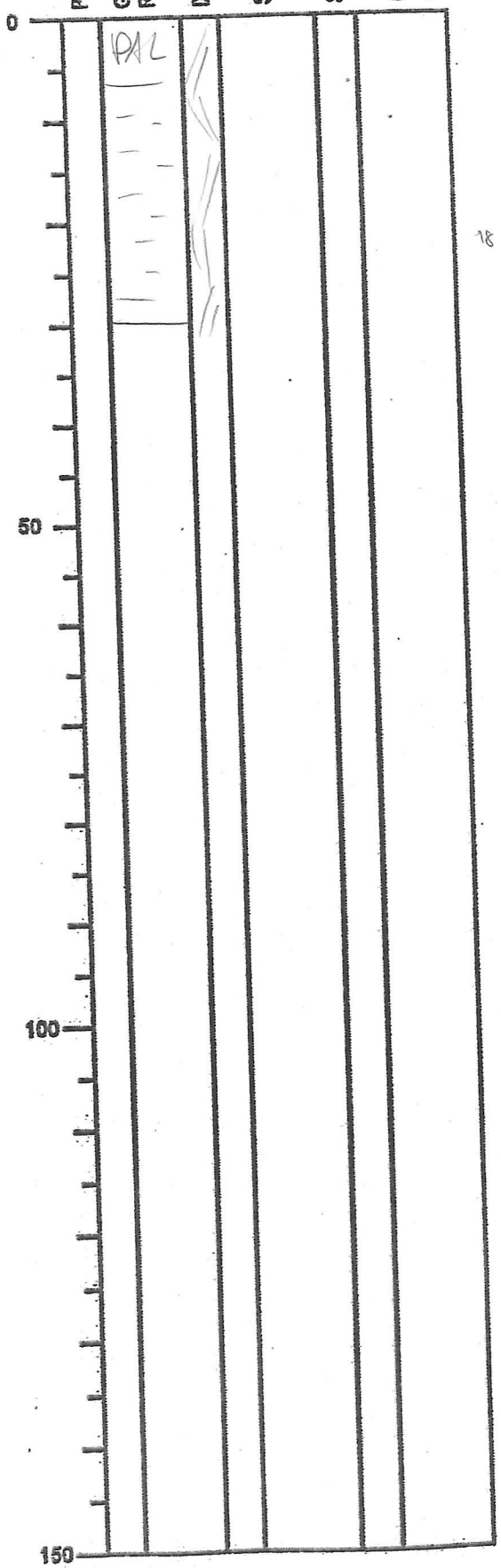
dispersed ash ?

dispersed ash (burrowed)
↑
ash

Greenish and greenish collar banding
⇒ fractured and offseted ⇒ molteled appearance
coherent pieces
up to 10 cm

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

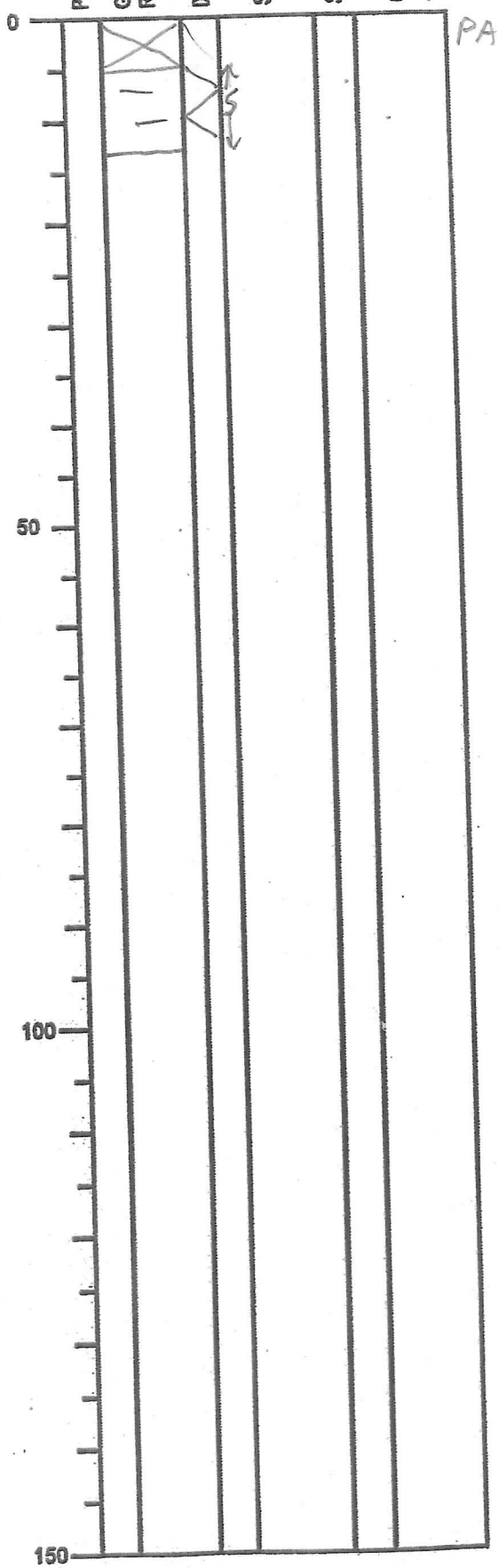
DATE: / /20
EXP:
SITE/HOLE:
CORE: 29R
SECTION: CC
OBSERBER: MS/KCM



18 – 25 very cohesive

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 25/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 30R
SECTION: CC
OBSERBER: CLF



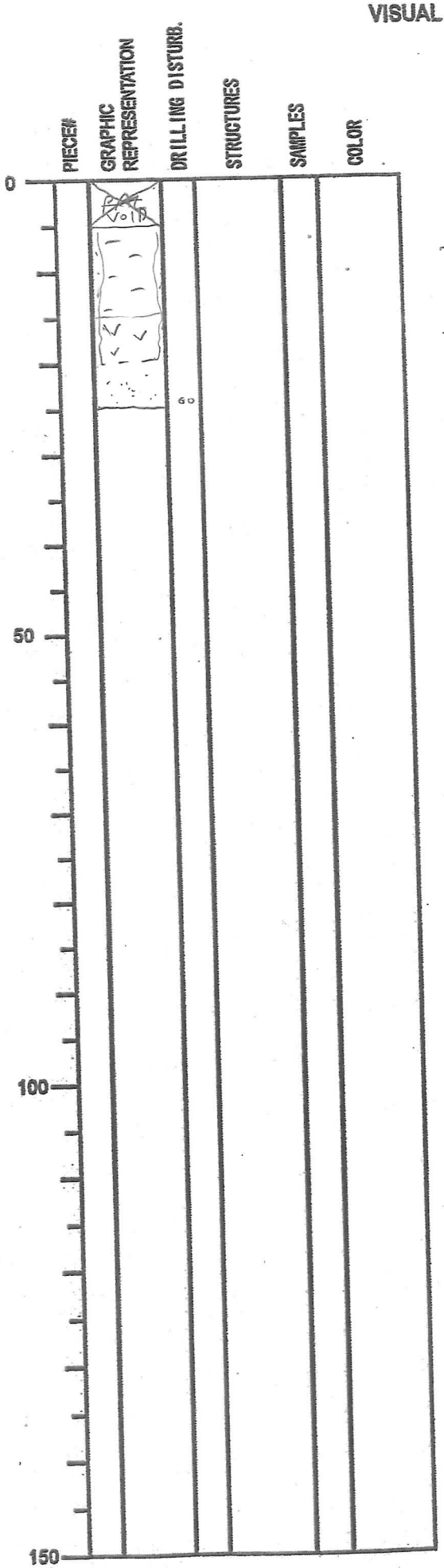
SECTION DESCRIPTION

PAL

Greenish-gray claystone

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 25/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 31R
SECTION: 1
OBSERBER: UN

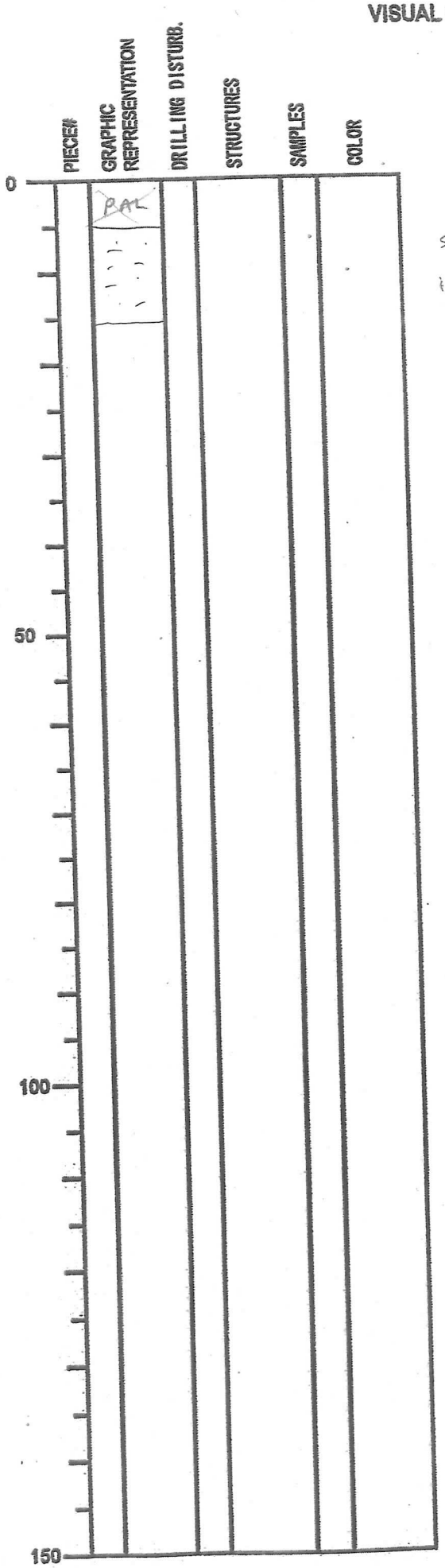


SECTION DESCRIPTION

- Greenish-grey claystone with pitted texture - probably high volcaniclastic component.
- well cemented, bioturbated ash with disturbed laminations
- sand at base may just be residue in hole - all around core barrel.

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 25/01/2008
EXP: 3/6
SITE/HOLE: C0007D
CORE: 3R
SECTION: 2 (CC)
OBSERBER: VN

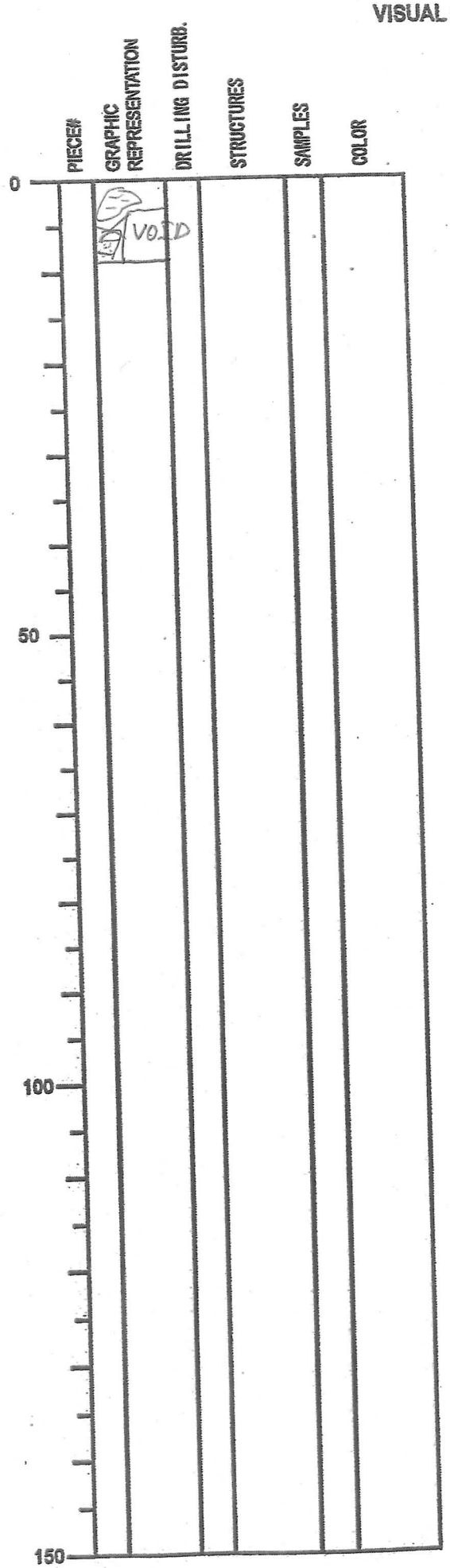


SECTION DESCRIPTION

Sand-bearing silty clay, with 'clasts' of more consolidated claystone - difficult to tell if this is in situ or not.
Abundant black sand-size grains.

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 25/01/20
EXP: 316
SITE/HOLE: C0007D
CORE: 34R
SECTION: CC
OBSERBER: CLF

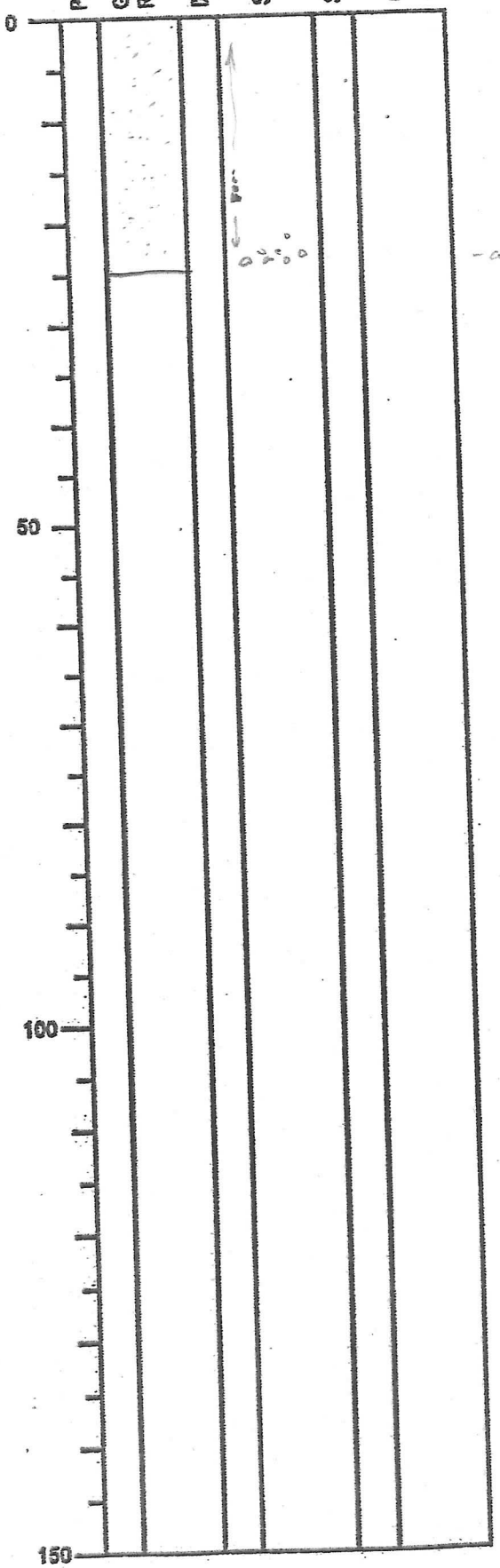


SECTION DESCRIPTION

Pieces of gy mudstone,
plus some medium sandstone
dark gray Sandstone is poorly sorted with abundant
lithic grains - way up is uncertain

INTEGRATED OCEAN DRILLING PROGRAM
VISUAL CORE DESCRIPTION

DATE: 25/01/2008
EXP: 316
SITE/HOLE: C0067D
CORE: 35R
SECTION: 1
OBSERBER: UN



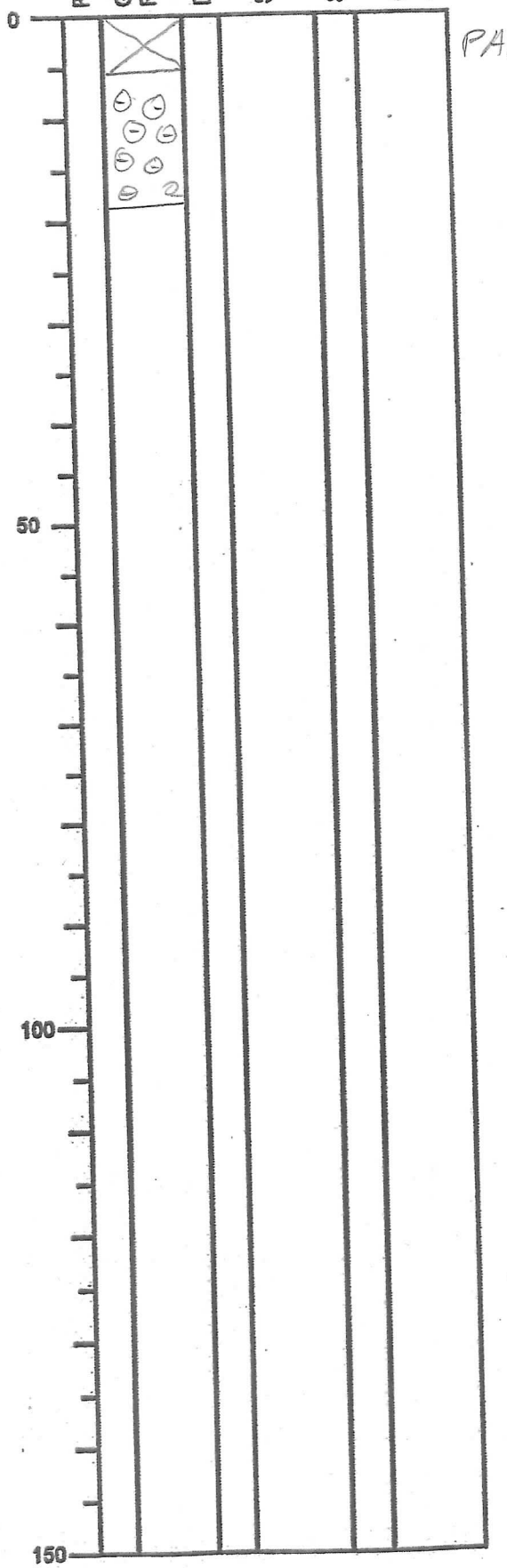
SECTION DESCRIPTION

- Fine-medium dark-grey to black sand, normally graded (medium at base, fine at top)

- abundant mud rip-up clasts at bottom 2-5cm

INTEGRATED OCEAN DRILLIGN PROGRAM
VISUAL CORE DESCRIPTION

NO.
DATE: 25/01/2008
EXP: 316
SITE/HOLE: C0007D
CORE: 35R
SECTION: CC
OBSERBER: CLF



PAL

SECTION DESCRIPTION

Drilling rubble — gy-greenish silty claystone