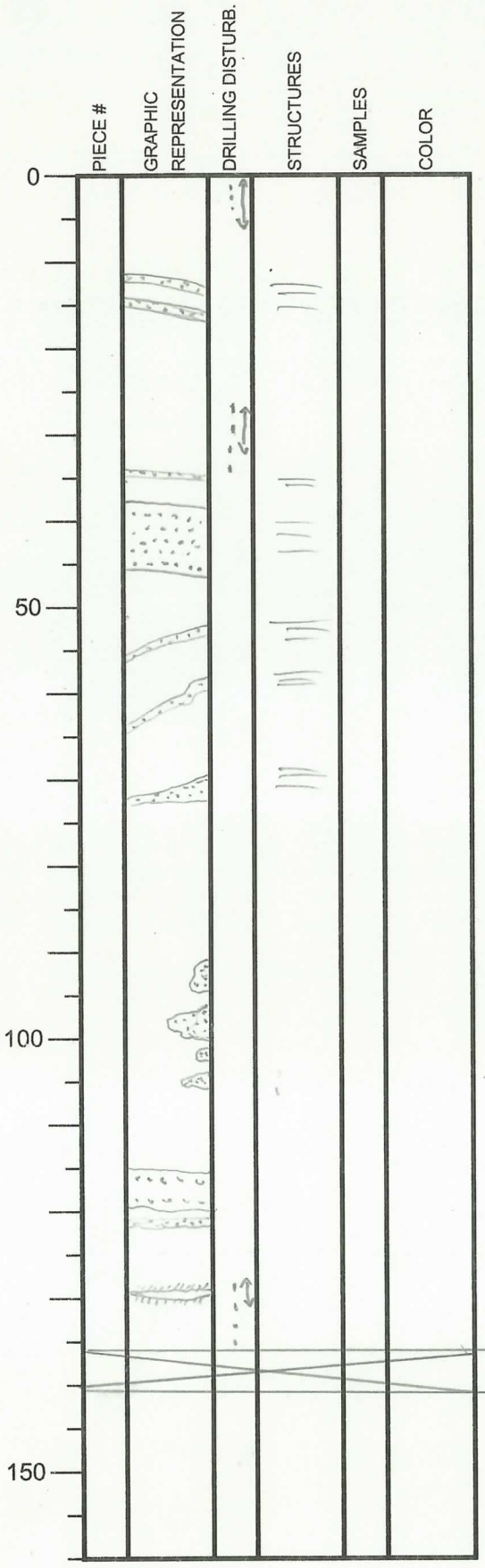
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-23
EXP.: 358
SITE/HOLE: C0024 G
CORE: 1X
SECTION: 1
OBSERBER: DJ



SECTION DESCRIPTION

0-136:

dark olive gray silty clay with (dark gray) silty to sandy beds at:

13-14 cm
15-16
34-35
38-45.5
53-54
59-60
70-72.5
115-120 ; 120.5-121.5
133-135

several silt patches 91-105

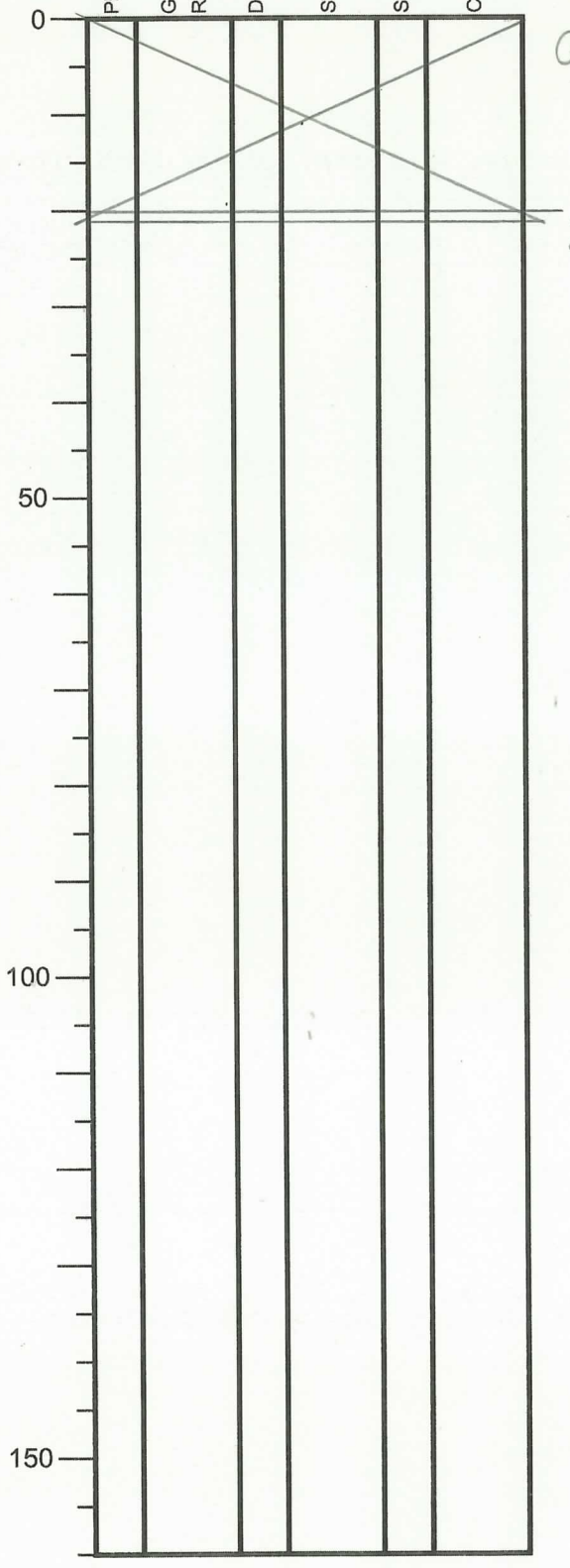
subtle color change to brownish gray at 128.5-136
slight drilling disturbance &/or degassing

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 2019-03-23
EXP.: 358
SITE/HOLE: C0024G
CORE: 1X
SECTION: 2
OBSERBER: DJ

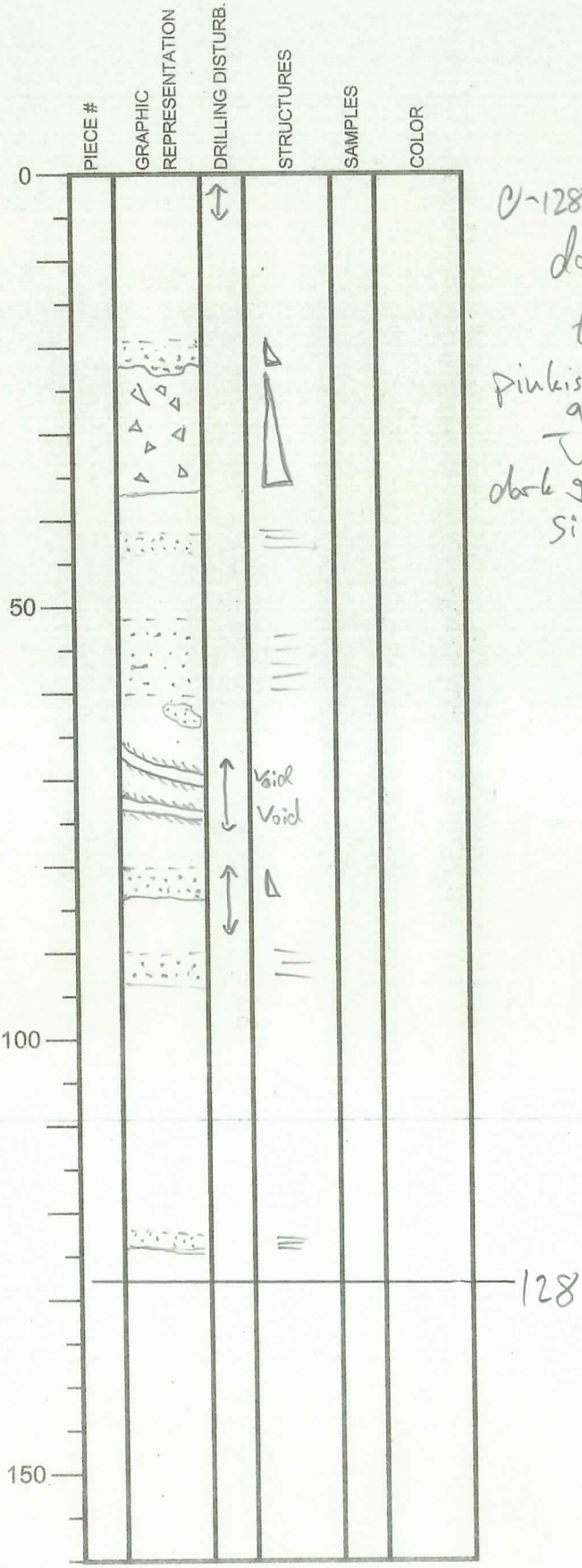


CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /2019-03-23
EXP.: 358
SITE/HOLE: C0024 G
CORE: 1X
SECTION: 3
OBSERBER: D



SECTION DESCRIPTION

C-128

dark olive gray silty clay to clayey silt

pinkish-gray to beige graded ash 23.5 - 36.5

correlated with ash layer C0024D-11X-7 A. >63 -86.

dark gray silty to sandy beds, some vaguely graded

20.5 - 23.5
41 - 44
52 - 60
80 - 83
90 - 94
123 - 124

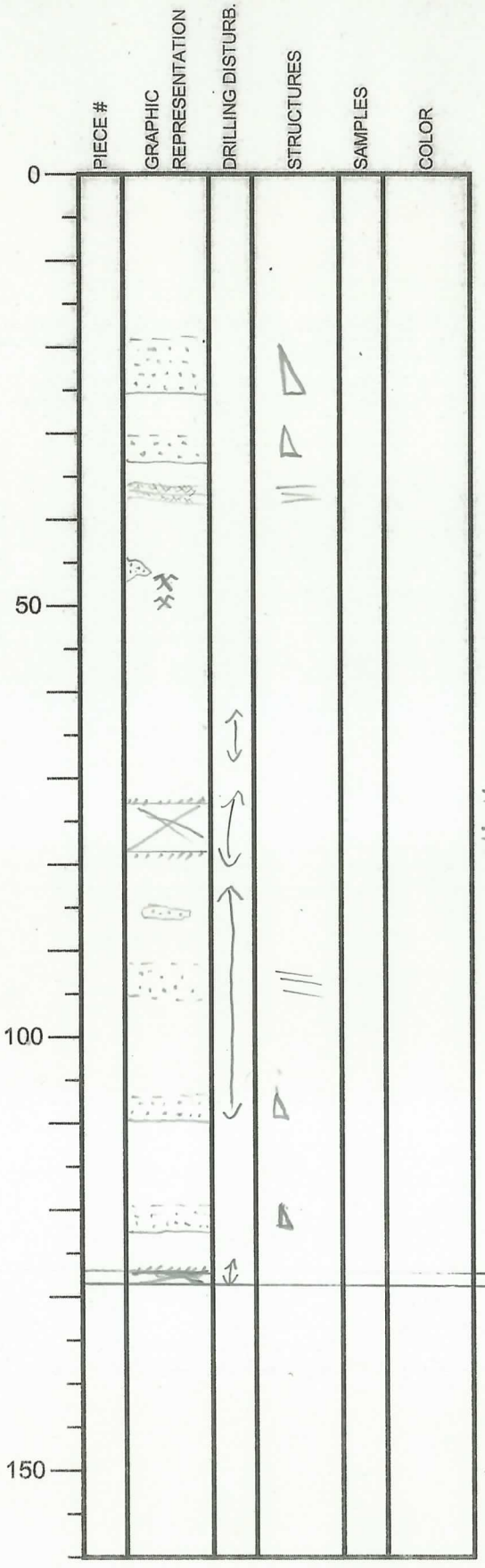
moderate to extensive gas expansion

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /2019-03-23
EXP.: 358
SITE/HOLE: C0024G
CORE: 1X
SECTION: 4
OBSERBER: D]



SECTION DESCRIPTION

0-129

dark olive green silty clay to clayey silt

silty to sandy beds, (some slightly graded)

at: 19-25.5
30-33
92-96
108-110
120-123

two distinctive laminae (dark gray & greenish brown) at 36-37

spicule at ~~48~~ & 50

moderate to extensive degassing

127.5-129 : void

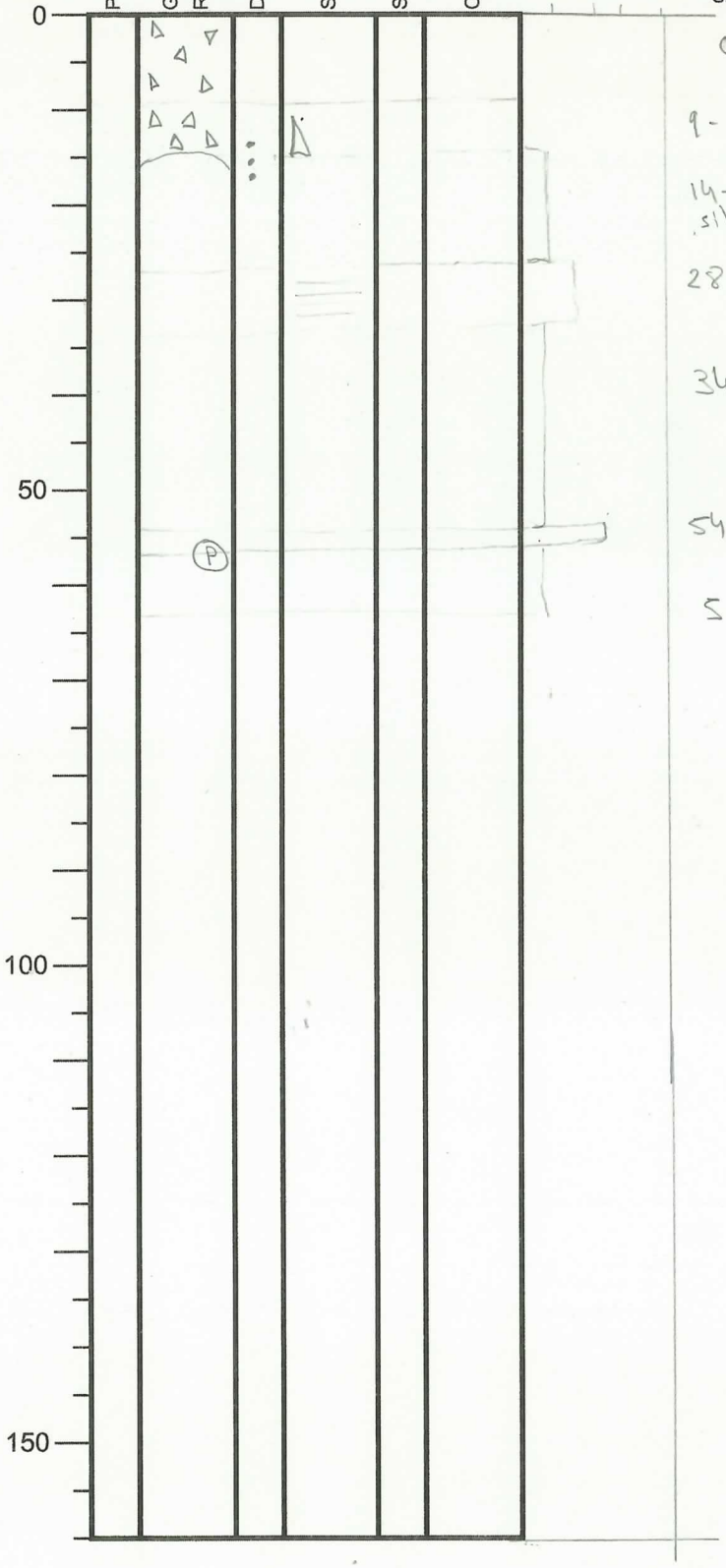
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

Ash layers at the top
+ Alternating silty clay and clayey silt with very thin bedded silty sand and sandy silt.

NO. 5
DATE: 28/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 7X
SECTION: 5
OBSERBER: TC



SECTION DESCRIPTION

0-9 cm = Grey pink ~~to~~ dark pink ash layer.

9-14 cm = Graded dark pink ash layer.

14-28 cm = Structureless dark grey silty claystone to clayey siltstone.

28-34 cm = Alternating sandy silt and silty clay --> Parallel bedding.

34-54,5 cm = Structureless silty clay.

54,5-56,5 cm = Silty sand with 1 pumice clast at the base.

56,5-63 cm = Structureless silty clay to clayey silt.

SECTION 5 = 0-63 cm.

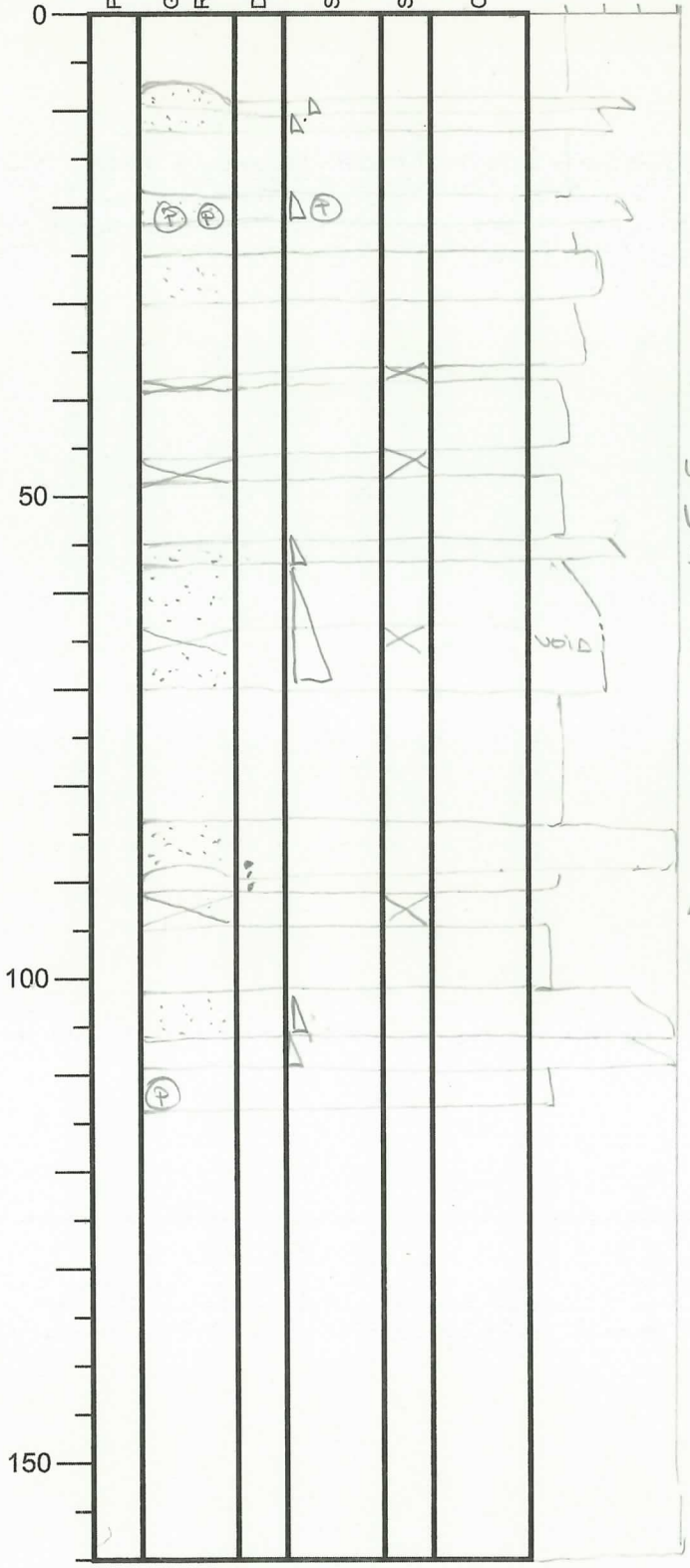
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO. 6
DATE: 23 / 02 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 1X
SECTION: 6
OBSERBER: PL.

Dark gray SILTY CLAY with intervals of non-graded and graded of very-thin to thin-bedded silty sand ad sandy silt.



SECTION 6: 0 - 114 cm.

SECTION DESCRIPTION

0 - 7 cm => Structureless silty clay to clayey silt.
7 - 8 cm => Graded silty sand
8 - 12,5 cm => Clayey silt
12,5 - 18 cm => Structureless silty clay
18 - 23 cm => Graded silty VFS
23 - 25 cm => Structureless silty clay with chest of pumice
25 - 30 cm => Structureless muddy silt
30 - 38 cm => Structureless silty clay
38 - 39 cm => VOID
39 - 46 cm => Structureless silty clay.
46 - 48 cm => VOID
48 - 54 cm => Structureless silty clay.
54 - 57 cm => Graded silty sand.
57 - 63 cm => Graded silty FS.
63 - 65 cm => VOID
63 - 69 cm => Graded silty FS.
69 - 84 cm => Structureless silty clay to clayey silt.
84 - 90 cm => Structureless FS
90 - 91 cm => Structureless silty clay
91 - 94 cm => VOID
94 - 102 cm => Structureless silty clay.
102 - 106 cm => Graded silty FS.
106 - 109 cm => Graded silty FS.
109 - 114 cm => Structureless silty clay with chest of pumice.

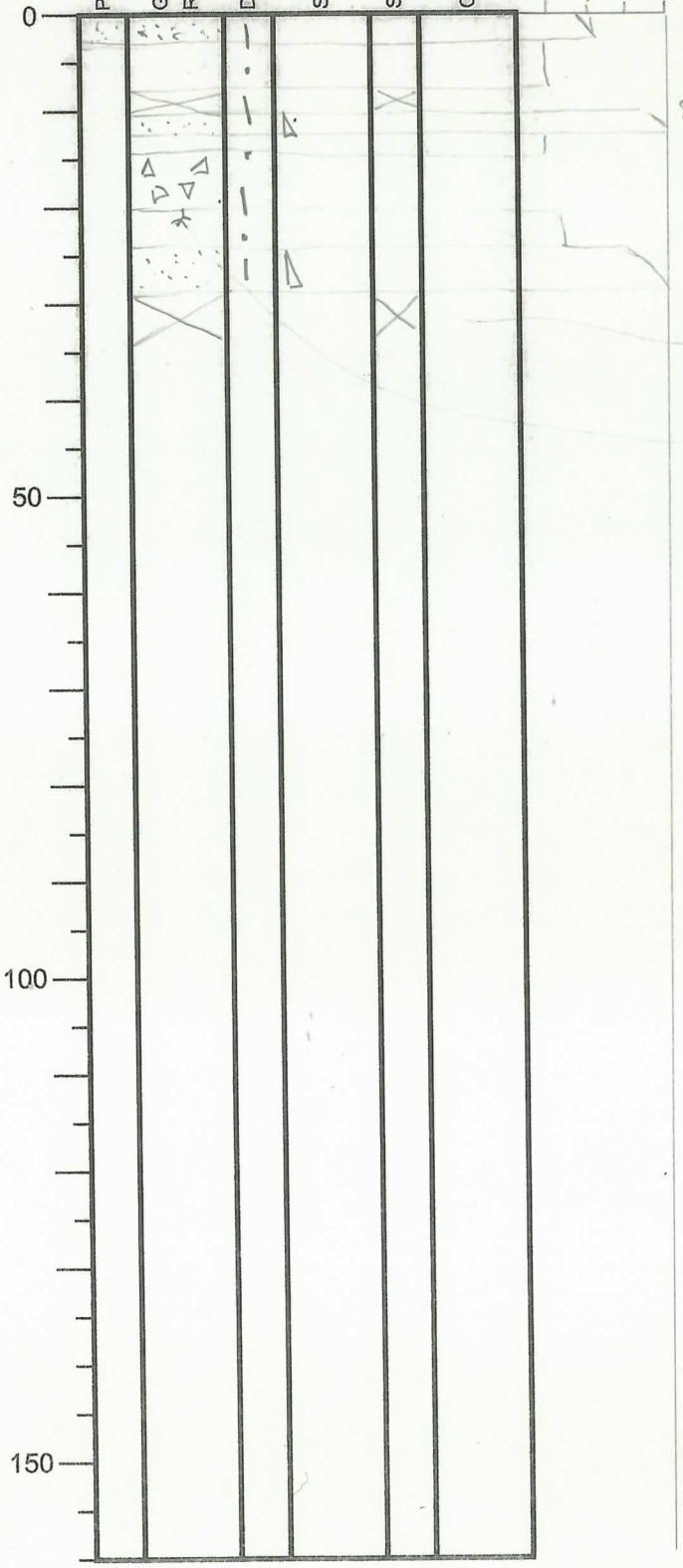
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

Alternating silty clay with graded silty sand. Graded ligh grey ash layer.

NO. 7
DATE: 23/03/2019.
EXP.: 358
SITE/HOLE: C0024G
CORE: 1X
SECTION: CC
OBSERBER: PC



SECTION DESCRIPTION

0-3cm => Graded clayey silt.
3-8 cm => Structureless silty clay.
8-10 cm => VOID
10-12 cm => Graded silty sand
12-14cm => Structureless silty clay.
14-20 cm => Ash layer with a coarse base.
20-24 cm => Structureless silty clay.
24-29 cm => Graded silty FS.

WR Sample -> 29-34,5 cm.

Injection of the ash layer in the silty clay below by drilling disturbance?

CC => Moderately disturbed.

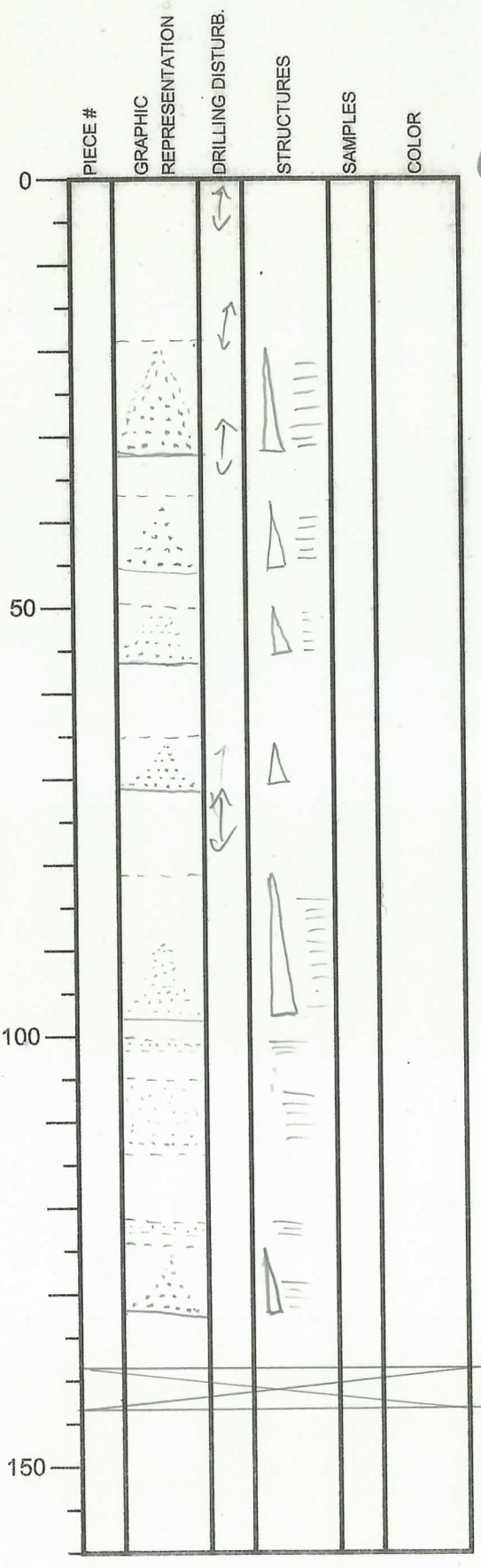
CC => 0-34,5

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-23
EXP.: 358
SITE/HOLE: C0024 G
CORE: 2X
SECTION: 1
OBSERBER: DJ



0-139 SECTION DESCRIPTION

olive gray silty clay to clayey silt with dark gray beds of silt to sand (some graded) some dispersed lamination

sand/silt at:
18-32
37-45
48-56
65-71
82-98
100-101
105-114
122-123
124-132.5

slightly drilling disturbance and/or degassing

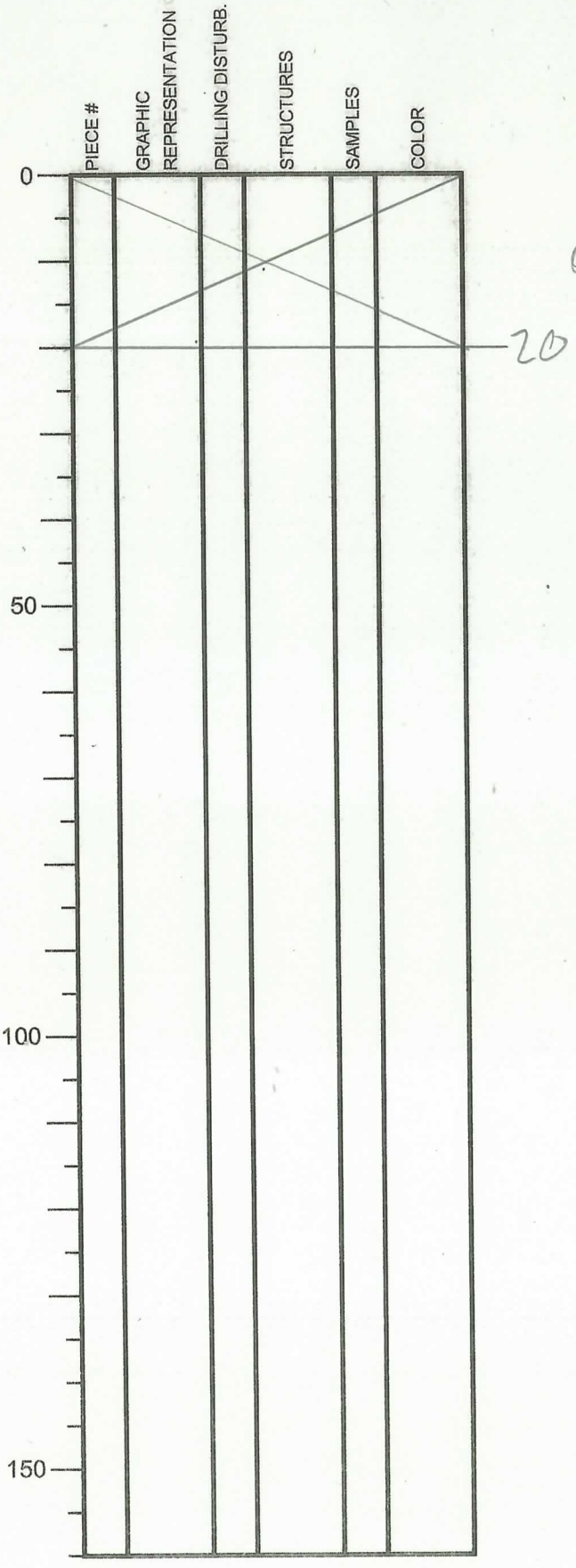
139-144 358A IWR (WR sample)

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-23
EXP.: 358
SITE/HOLE: C0024 G
CORE: 2X
SECTION: 2
OBSERBER: D]



SECTION DESCRIPTION

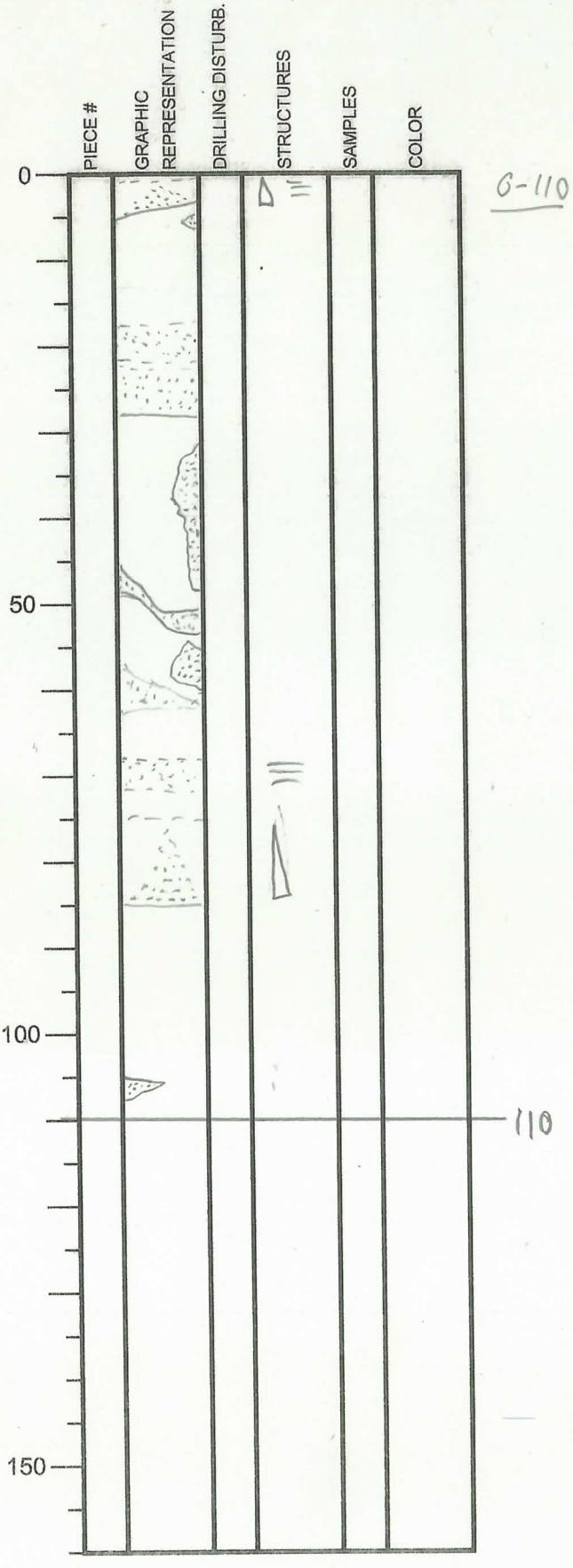
0-20: all to IW

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-23
EXP.: 358
SITE/HOLE: C0024 G
CORE: 2X
SECTION: 3
OBSERBER: D



SECTION DESCRIPTION

0-110

olive gray silty clay to clayey silt with dark gray beds of silt to sand (some graded)

some dispersed lamination

sand / silt at:
1-5
18-22
23-28.5
33-49 (sandy patch)
49-52
57-59 (sandy patch)
61-63
75-85
105-107 (sandy patch)

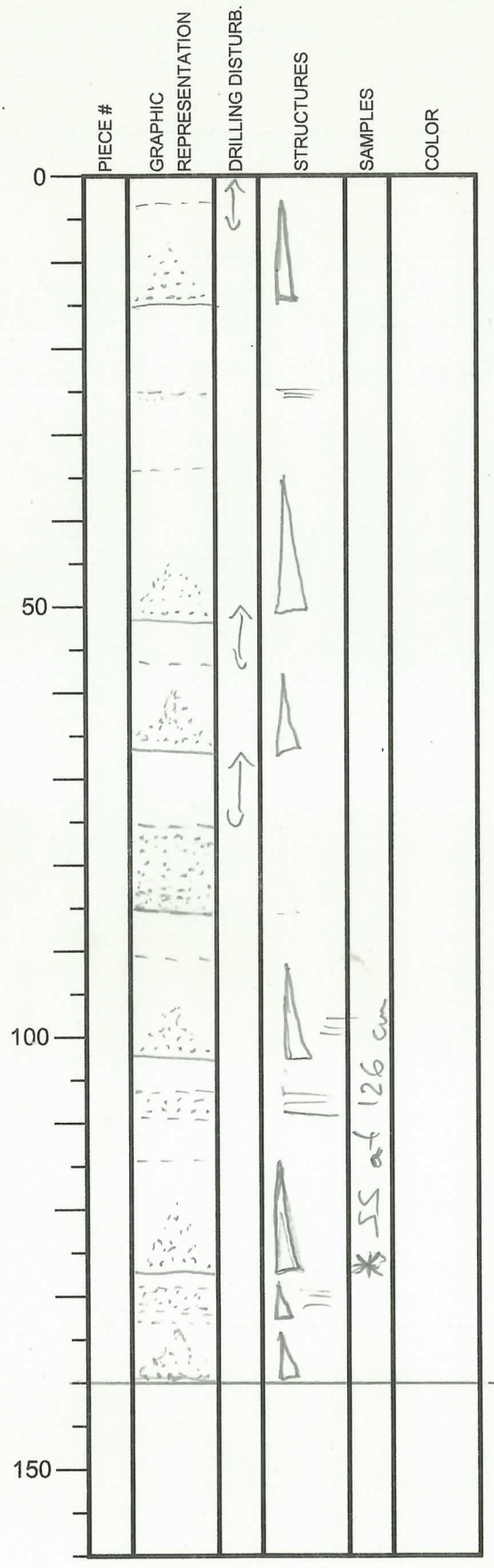
light degassing

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-23
EXP.: 358
SITE/HOLE: C0024 G
CORE: 2X
SECTION: 4
OBSERBER: D]



0-144

olive gray silty clay to clayey silt (dark gray) and beds of silt to sand (most of them graded) dispersed lamination

sand/silt at:

4-15
25-26
34-52
56-67
75-85.5
92-102.5
106-110
114-127
128-132
133-144

some intervals deformed by degassing

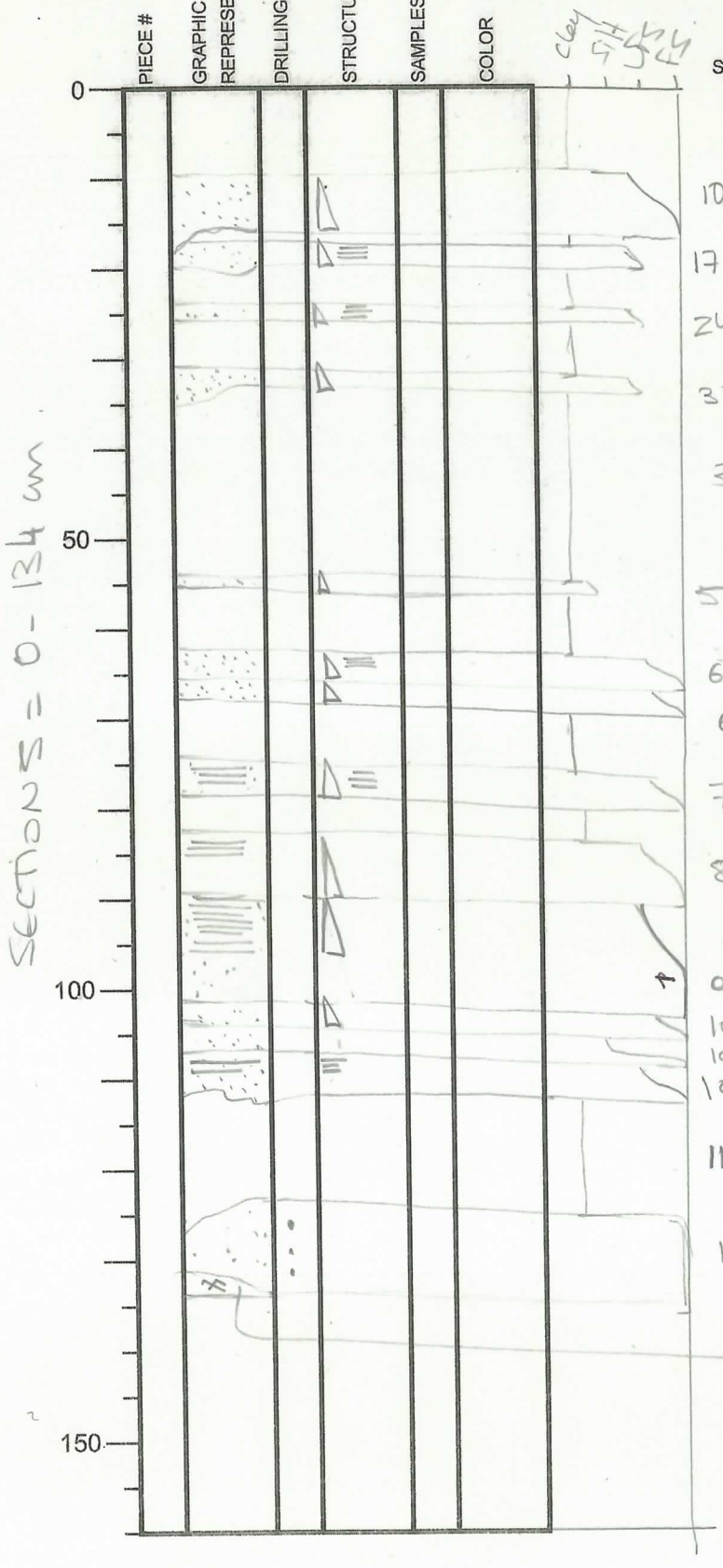
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

Light to dark grey silty clay with interbeds of thin to very-thin bedded sand showing sometimes // laminations.

NO. 5
DATE: 23 / 07 / 20 19.
EXP.: 358
SITE/HOLE: C0024B
CORE: 2X
SECTION: 5
OBSERBER: PC



SECTION DESCRIPTION

0 - 10 cm => Structureless dark grey to ligh grey silty clay.

10 - 16 cm => Graded FS to silt.

17 - 2 cm => Graded VFS to silt with // laminae

24 - 26 cm => Graded VFS to silt with // laminae - sharp base

31 - 33 cm => Graded VFS to silt.

33 - 54 cm => Light to dark grey structureless silty clay to clayey silt.

54 - 55 cm => Graded clayey silt. Sharp base

62 - 65 cm => Graded, silty FS with // laminae at the top.

65 - 67 cm => Graded FS - sharp base

74 - 78 cm => Graded FS with // laminae

83 - 89 cm => Graded FS with // lam at the top.

89 - 101 cm => Graded FS - Structureless at the base - lam // at the top.

101 - 103 cm => Graded FS

103 - 107 cm => Graded VFS.

107 - 111 cm => Graded FS with // lam at the top.

111 - 125 cm => Structureless silty clay

125 - 134 cm => Structureless FS => drilling disturbed.

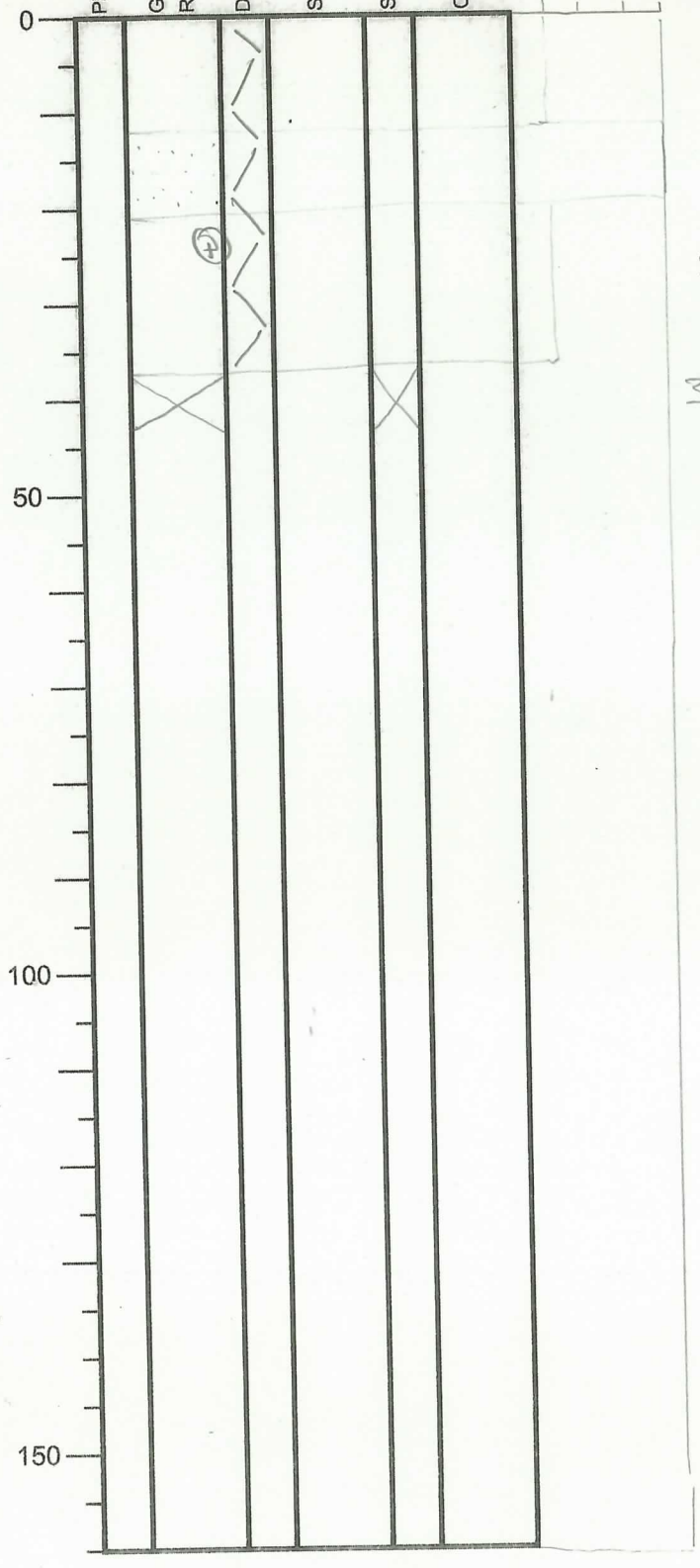
Sponge spicule clasts.

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO. 6
DATE: 28/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 2X
SECTION: CC
OBSERBER: PC



CC = 0

SECTION DESCRIPTION

0-12 cm => Structureless silty clay to clayey silt.

12-21 cm => Structureless silty sand

21-37,5 cm => Structureless silty clay to clayey silt with are dest of pumice.

37,5-43 to WR sample

All the CC is heavily disturbed.

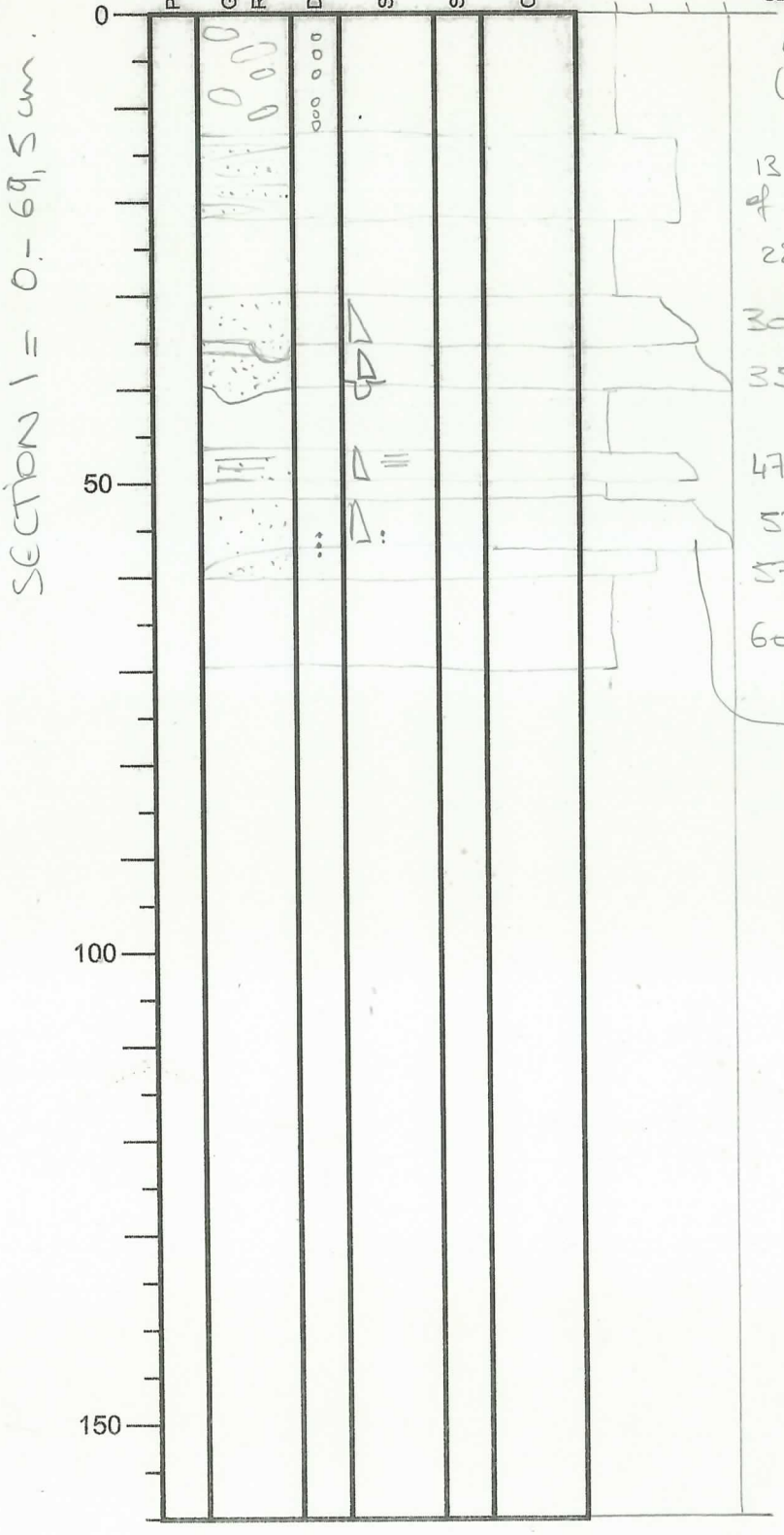
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

SILTY CLAY with interbeds of thin bedded graded sand.

NO. 1
DATE: 23/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 3X
SECTION: 1
OBSERBER: PC



0-13 cm = Clasts of silty claystone (cuttings?) floating in a muddy matrix soupy => drilling induced?

13-22 cm => Intervals of very thin layers of silty clay and silt.

22-30 cm => Structureless silty clay.

30-35 cm => Graded FS, irregular base.

35-39 cm => Graded FS, erosive base.

47-50 cm => Graded VFS and // laminae.

53-57 cm => Graded FS - drilling disturbed

57-60 cm => Structureless silt

60-69,5 cm => Structureless silty clay.

High content in volcanic glass.

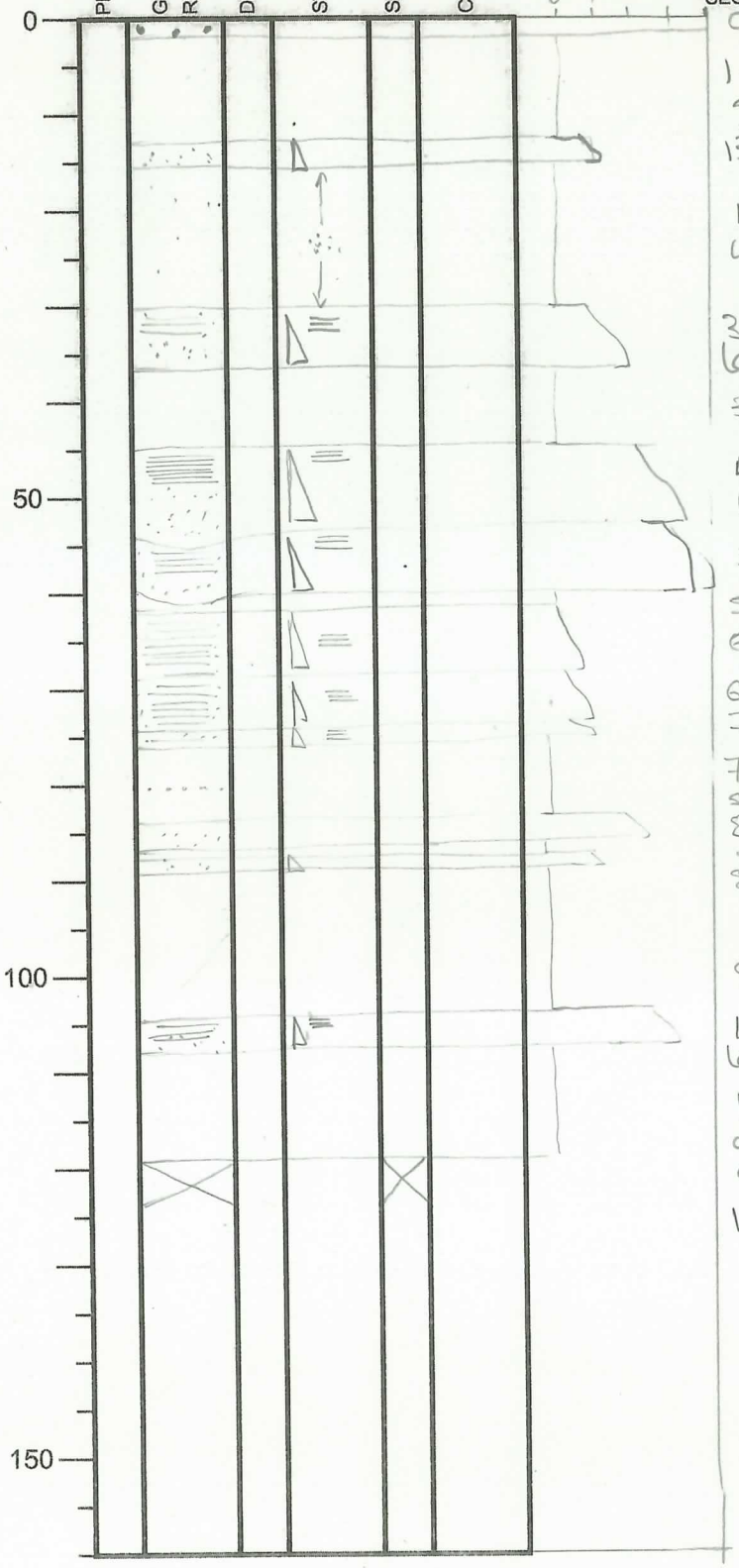
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

Silty clay with high content in sand. (~50% - 50%). Thin to very-thin bedded fine sand to silt showing some intervals with // laminations.

NO. 2
DATE: 22/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 3X
SECTION: 2
OBSERBER: PC



Sec 2 => 0- 124 cm.

0-1 cm => Structureless medium sand

1-13 cm => Structureless light to dark grey silty clay to clayey silt.

13-15 cm => Graded silt

15-30 cm => Structureless silty claystone with scattered silt.

30-36 cm => Graded VFS with // laminae at the top.

36-45 cm => Structureless silty clay.

45-54 cm => Graded FS with // lam at the top.

54-59 cm => Graded FS with // lam at the top

59-62 => Structureless light grey silty clay

62-68 => Graded and laminated silt.

68-73 => //

73-76 => //

76-84 => Structureless light grey silty clay with silt laminae.

84-86 => Graded VFS

86-87 => Structureless light grey.

87-88 => Graded silt

88-105 => Structureless light to dark grey silty clay to clayey silt

105-108 => Graded FS with // lam at the top.

108-119 => Structureless light to dark grey silty clay to clayey silt

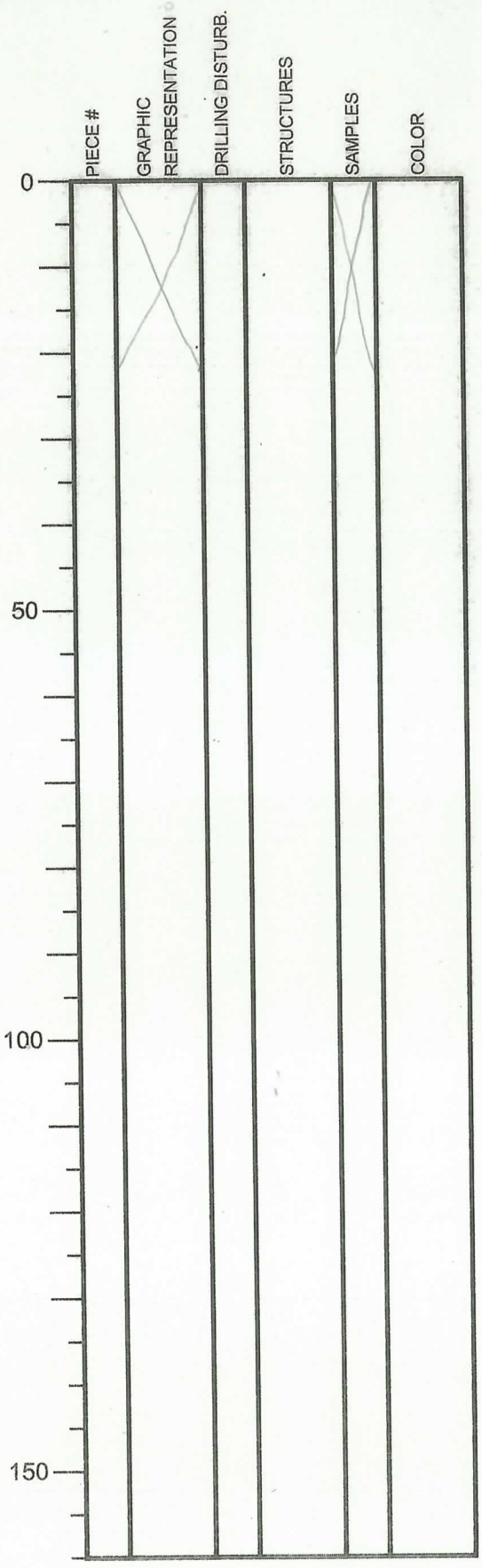
119-124 cm => WR sample.

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO. 3
DATE: 23/07/20 19.
EXP.: 358
SITE/HOLE: C0024G
CORE: 3X
SECTION: 3
OBSERBER: PC.



SECTION DESCRIPTION

0-22 cm => 1W sample

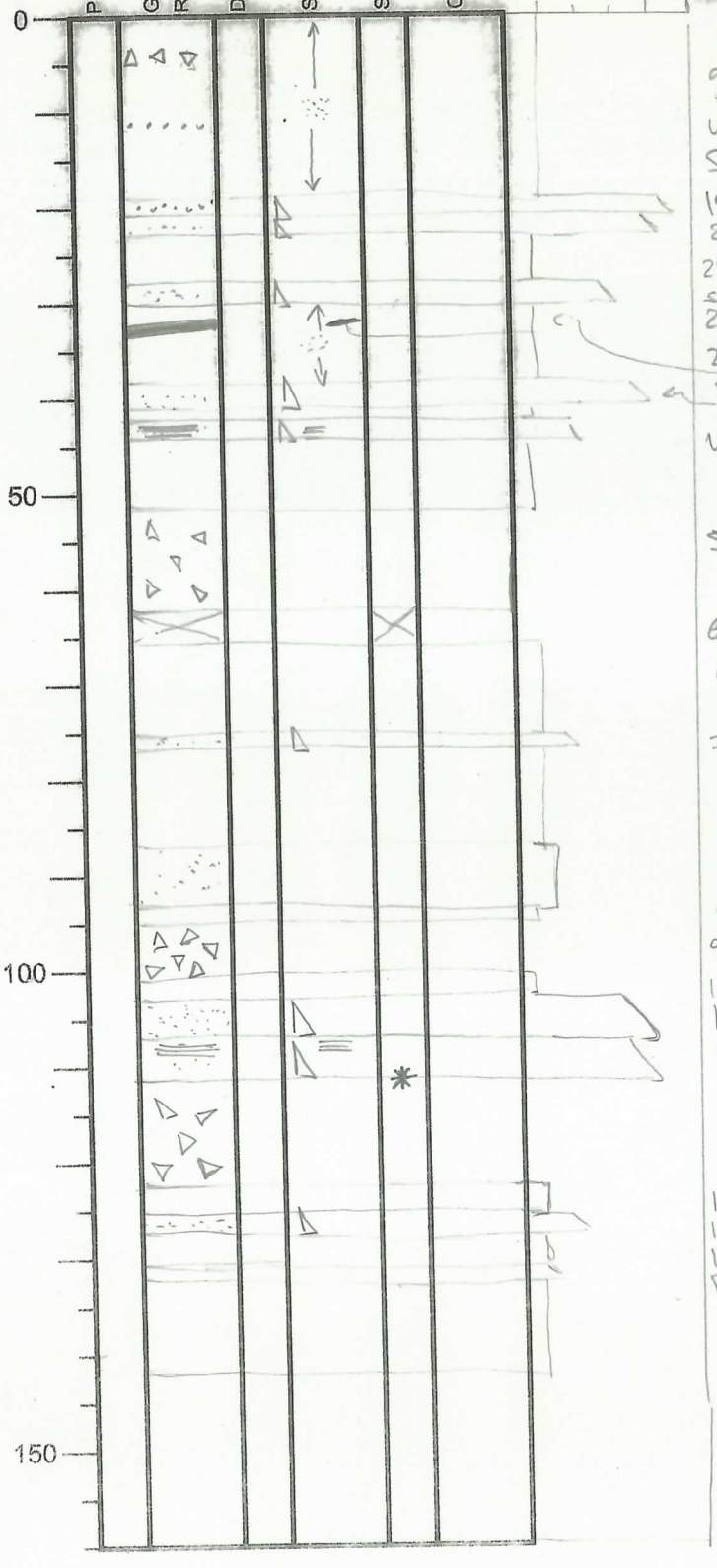
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO. 3
DATE: 2/08/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 3X
SECTION: 4
OBSERBER: PC

Thin bedded Silty clay with high content in sand
Graded sand and silt
3 thin-bedded ash layers.



SECTION 4: 0 - 142 cm.

0-19 cm = Structureless light to dark grey silty claystone and clayey silt. with laminae of silt and ash. Silt scattered in all the interval.
19-26 cm => Graded FS
26-27 cm => Graded FS
27-28 cm => structureless dark grey silty clay
28-30 cm => Graded VFS
28-38 cm => Structureless silty clay with scattered silt -> band of organic matter <1cm.
38-41 cm => Graded FS.
42-44 cm => Graded silt with // lam.

52-62,5 cm => Light grey ash layer structureless.
62,5-65 => void.
65-75 => Structureless dark grey silty clay
75-77 => Graded silt
77-87 => Structureless dark grey silty clay.
87-93 => Structureless silty clay
93-95 => Structureless light grey silty clay.
93-101 => Light grey ash layer
101-103 => Structureless dark grey silty clay
103-107 => Graded FS
107-111 => Graded FS with // lam at the top

111-122 => Light grey ash layer

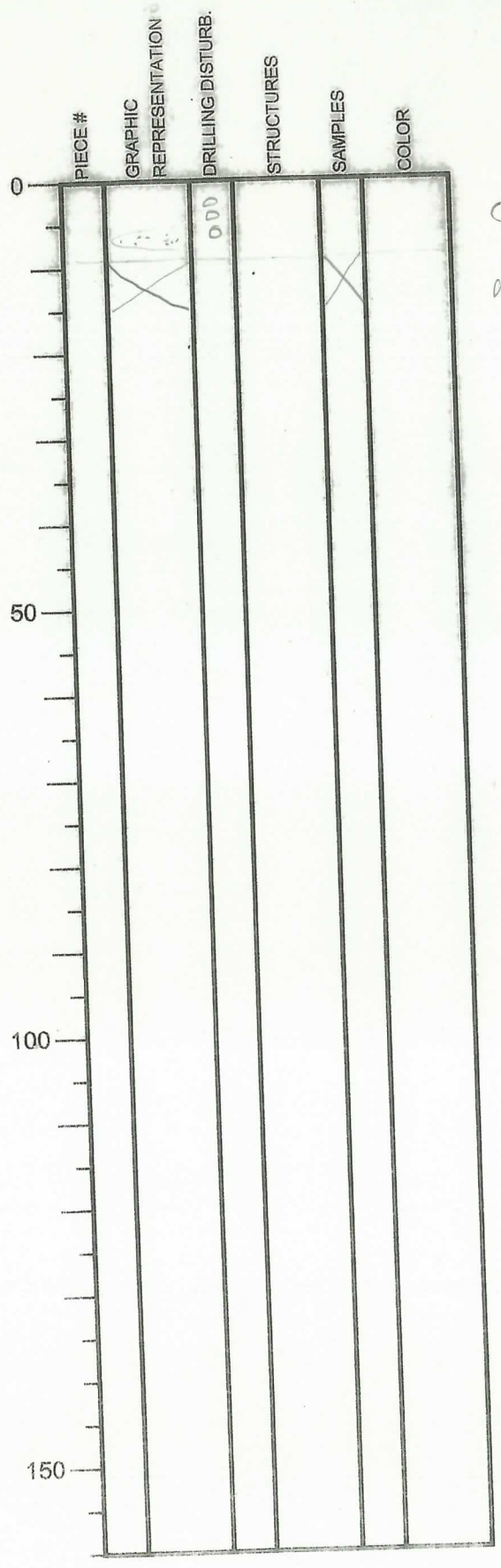
122-125 => Dark grey silty clay.
125-127 => Graded silt
127-130 => Structureless silty clay
130-131 => Graded silt
131-142 => Structureless silty clay Dark grey.

CHIKYU Operation

Visual Core Description

Last Update 06/Nov/2009

NO. 5
DATE: 23/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 3X
SECTION: CC
OBSERBER: PC.



SECTION DESCRIPTION

0 - 9 cm => soupy mixed of silty clay and sand.

9 - 15 => PAL sample

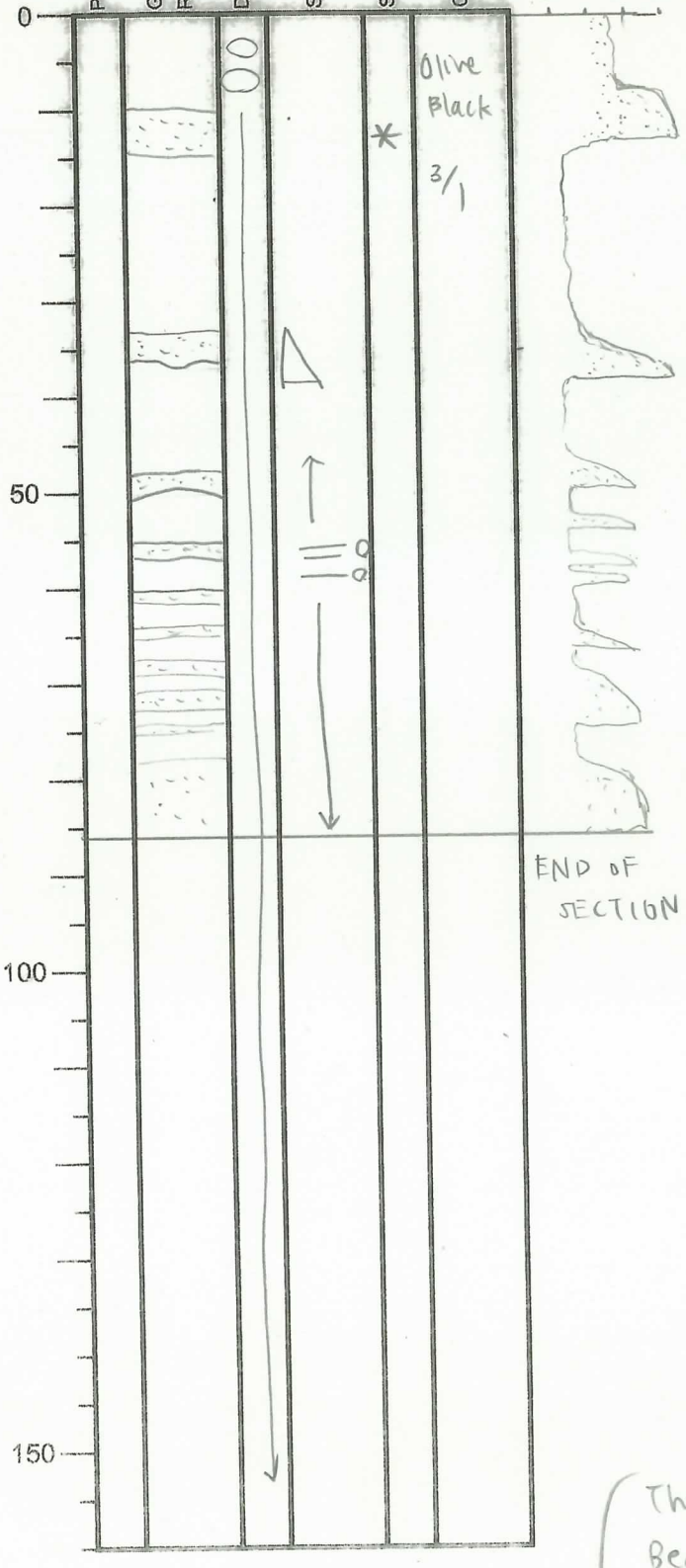
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: 03/24/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4X
SECTION: 1A
OBSERBER: MH

0-82 cm : Olive Black 3/1
SILTY CLAY INTERBEDDED WITH
VERY FINE TO FINE SAND



SECTION DESCRIPTION

0-10 Very fine sand

10-14 Fine to med. sand
Green in color, +
Dispersed pumice clast (~mm)

33-37 Normal graded
silt to fine sand
Sharp base, wavy

48-50 Very fine sand

55-57 Very fine sand
61-64. "
68-69 "
70-75 "
78-82 "

Interlamina of Silty clay and very fine sand

★ 61-62 :
clasts of silt (2-3mm)
in sand.

(Throughout core :
Bedding is sometimes obscure.
Maybe disturbed by drilling
Core is intensely biscuited

★ (55) : 13 cm

CHIKYU Operation

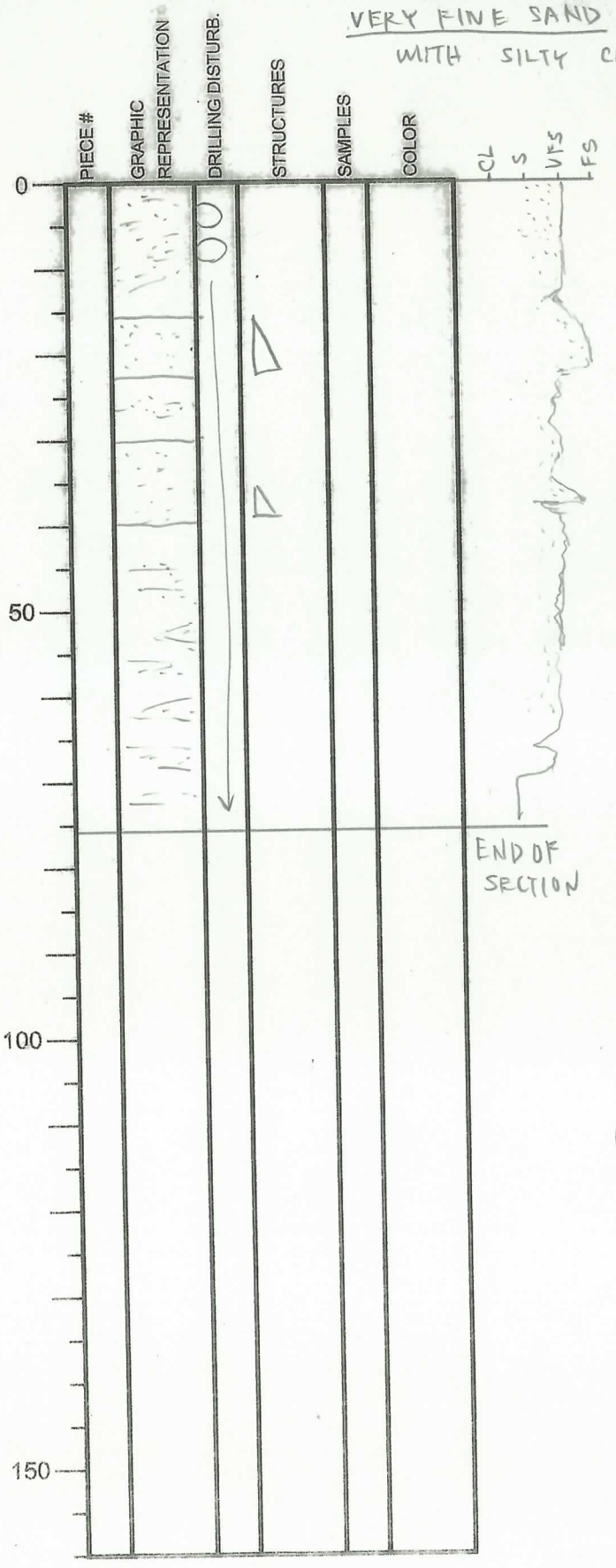
Last Update 06/Nov/2009

Visual Core Description

0-77cm: Olive Black 3/1

VERY FINE SAND INTERLAYERED WITH SILTY CLAY

NO.
DATE: 24 / 03 / 2019
EXP.: 358
SITE/HOLE: C0034G
CORE: 4X
SECTION: 2A
OBSERBER: MH



SECTION DESCRIPTION

0-77 : Very fine sand (silty)

17-23 : Fine sand (normal graded)
38-40 : Fine sand.
40-42 : Silty clay
68-69 : Silty clay
71-77 : Silty clay

(Thin lamina of silty clay throughout but most proportion is very fine sand.)

(Core is biscuited)

CHIKYU Operation

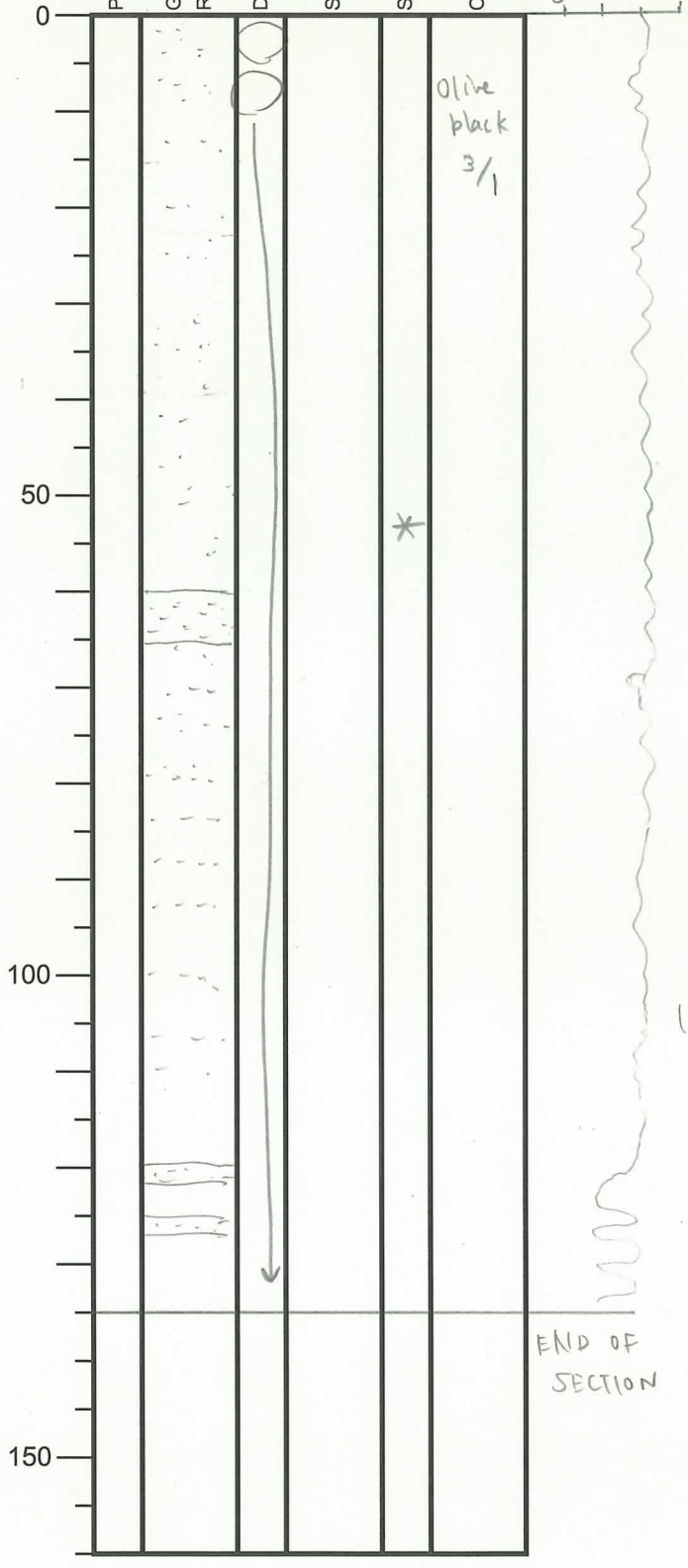
Last Update 06/Nov/2009

Visual Core Description

0 – 134.5 cm : Olive Black (3/1)

SILTY VERY FINE SAND

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4X
SECTION: 3A
OBSERBER: MH



0-134.5 cm :
Silty very fine sand interlayered with thin silty clay but most proportion is sand.

70-72 : Mostly silty clay

79-83 : Mosty silty clay

124 - 134.5 : Interlayered with silty clay

(Core is biscuited)

* (53cm) : SS

CHIKYU Operation

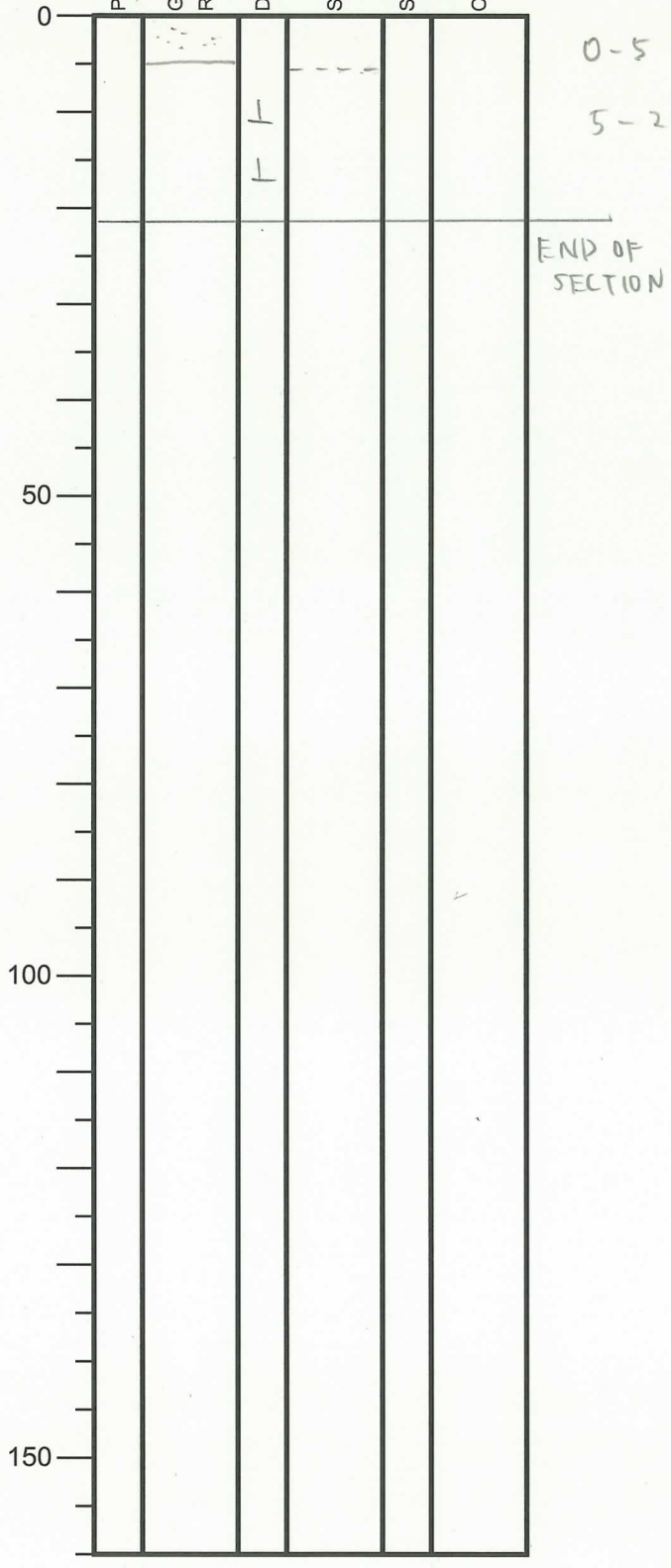
Last Update 06/Nov/2009

Visual Core Description

0-22 : Olive Black (3/1)

SILT. WITH SILTY CLAY

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4X
SECTION: 4A
OBSERBER: MH



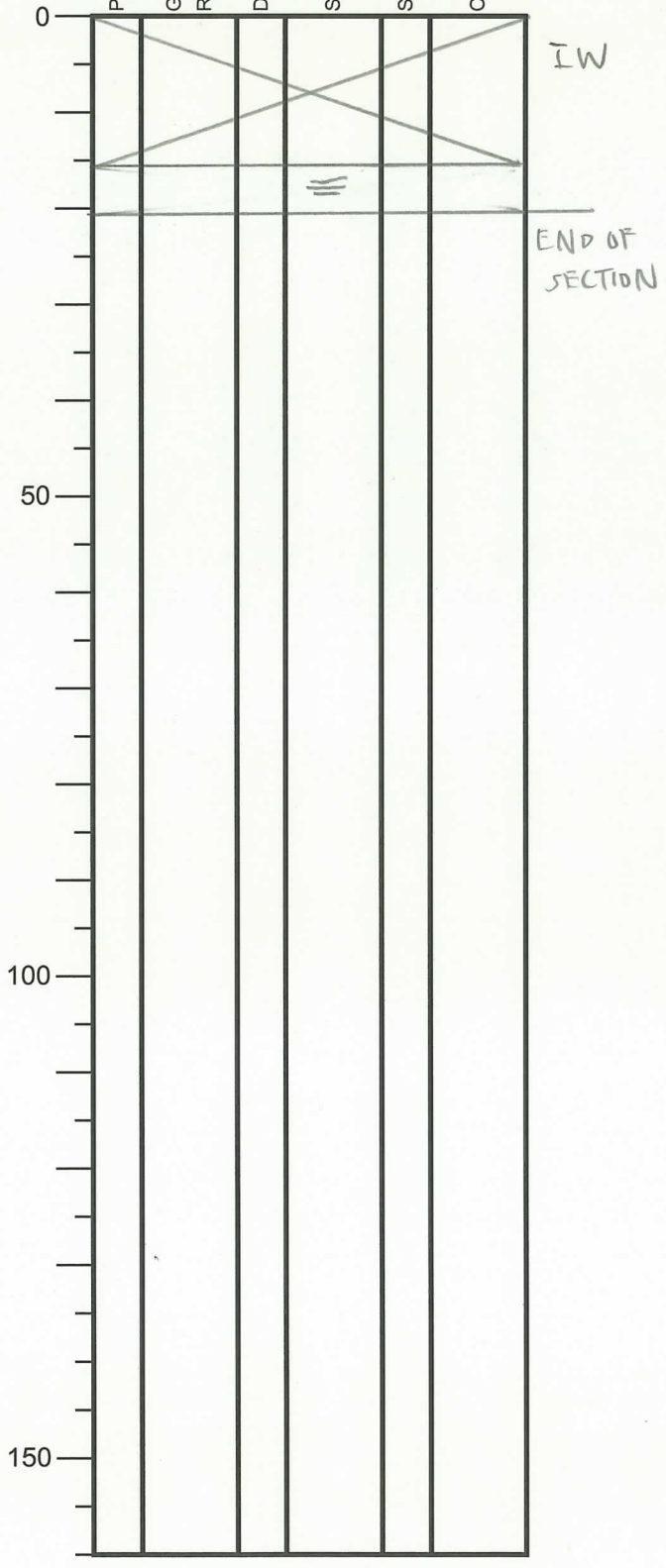
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

15-21: Olive Black (3/1)
SILTY VERY FINE SAND

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4X
SECTION: 5A
OBSERBER: mlt



15-21: Silty very fine sand
(2-3mm inter laminia of silty clay, but most proportion is sand)

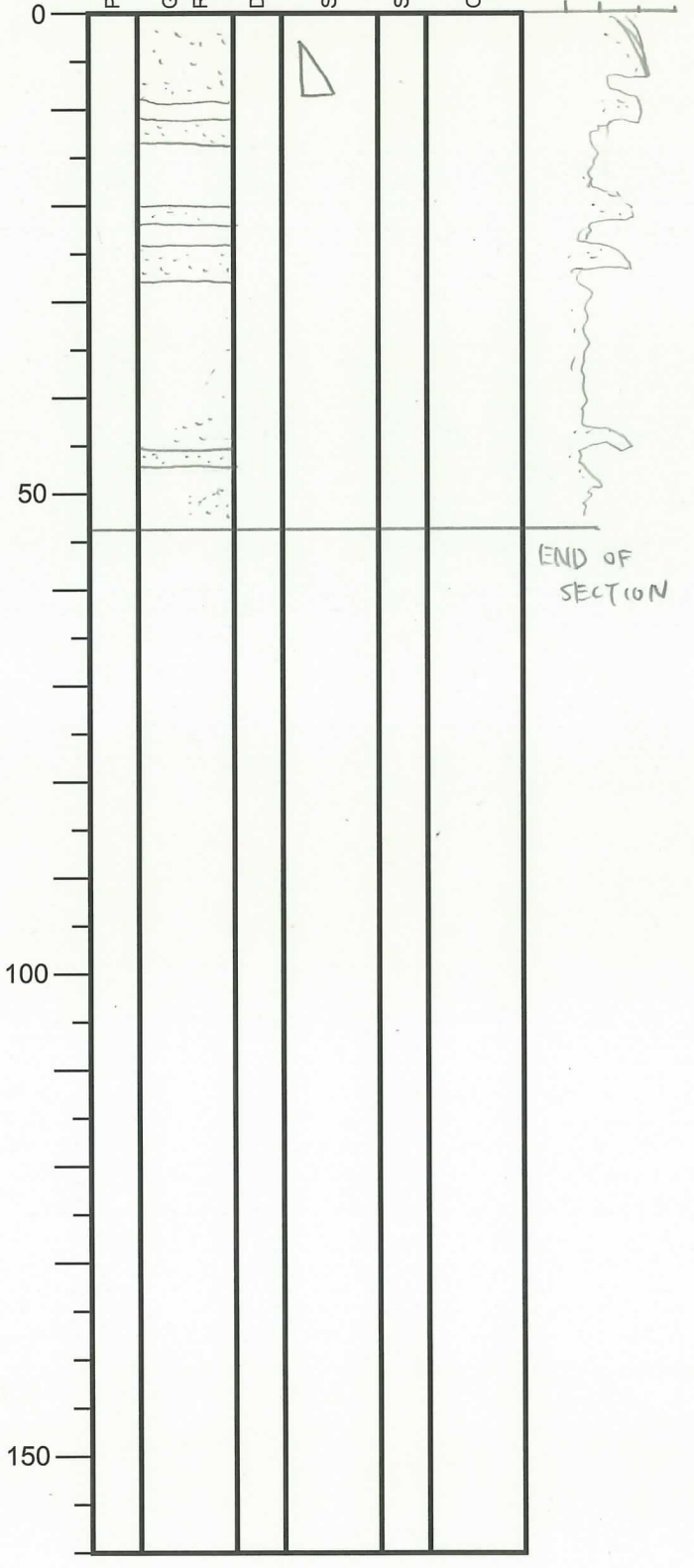
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: 24 /03/ 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4X
SECTION: 6A
OBSERBER: MH

0-54: Olive Black (3/1)
SILTY CLAY WITH INTERBEDDED SILTY FINE SAND



0-7: Silt to fine sand
10-12 "
20-22 "
23-27 "

Most Proportion is Silty clay

CHIKYU Operation

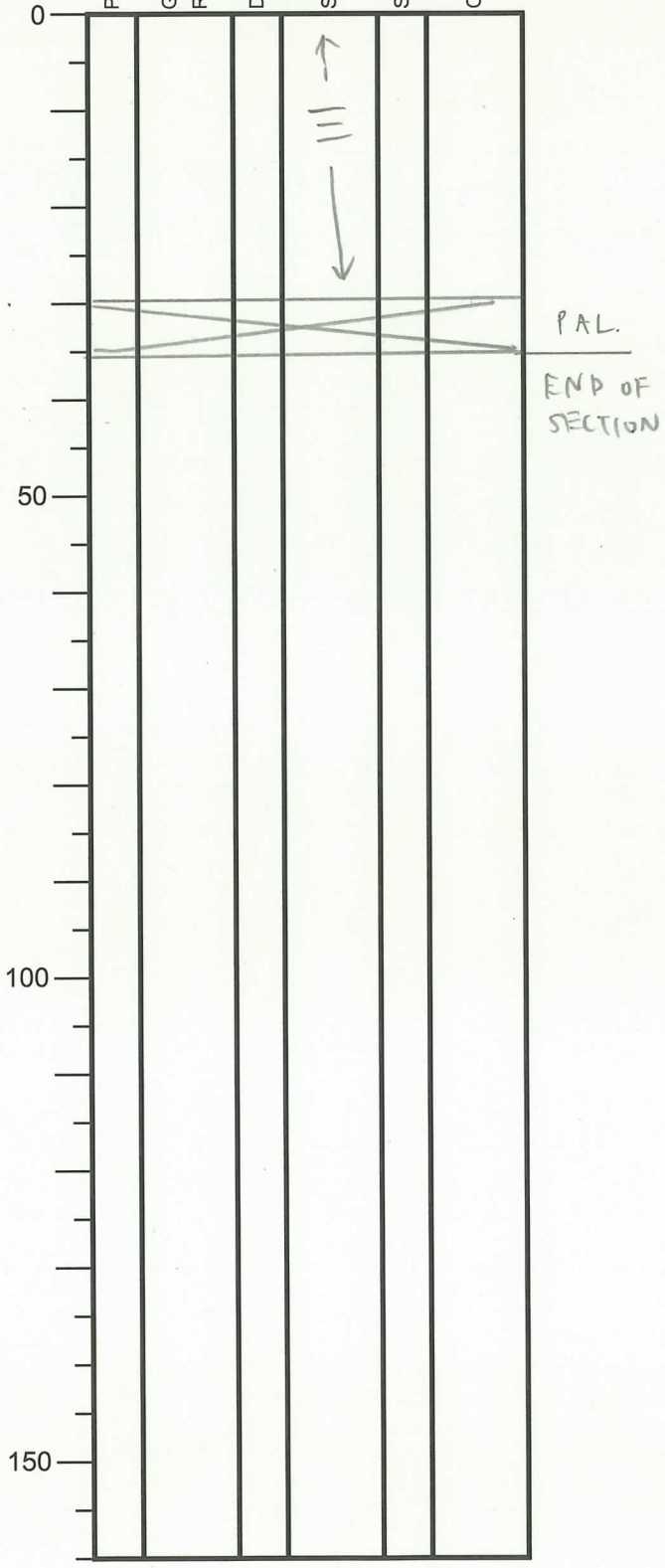
Last Update 06/Nov/2009

Visual Core Description

0-30 : Olive Black (3/1)

VERY FINE TO FINE SAND

NO.
DATE: 24 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4 X
SECTION: CC
OBSERBER: MH



SECTION DESCRIPTION

0-30 : Main proportion is very fine to fine sand, (occasionally interlayered by thin (~mm) silty clay)

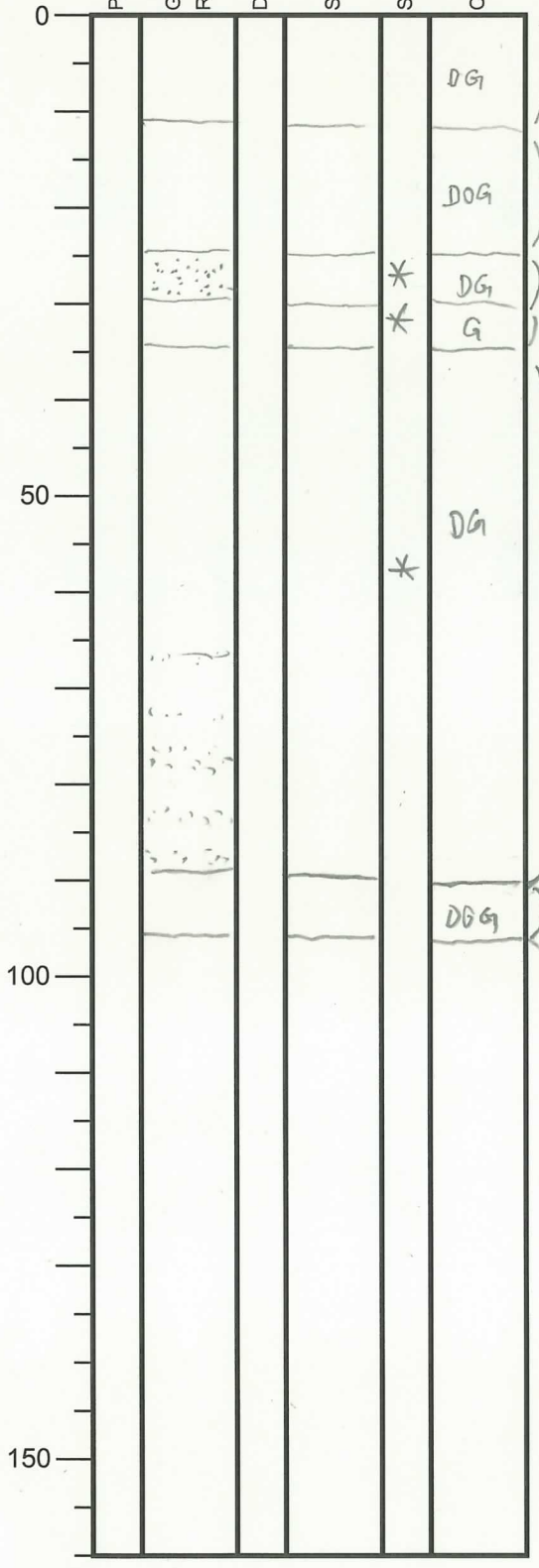
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

0-95.5 cm: Silty clay with few intercalated sandy layers + 1 ash layer

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: G
CORE: 5X
SECTION: 1
OBSERBER: AD



SECTION DESCRIPTION

0-10.5 Silty clay

10.5-24.5 Silty clay (contain some ~1 cm clast of ash)

24.5-29.5 fine sand, sharp base,

29.5-34.5 Ash, sharp base

34.5-90 Silty clay with ~1 cm thick silty fine sand layers intercalated at the lower half, sharp base

90-95.5 Silty

→ End of section (95.5)

* (SS):
27 cm
32 cm
58 cm

DG = Dark grey
G = grey
DOG = Dark olive grey

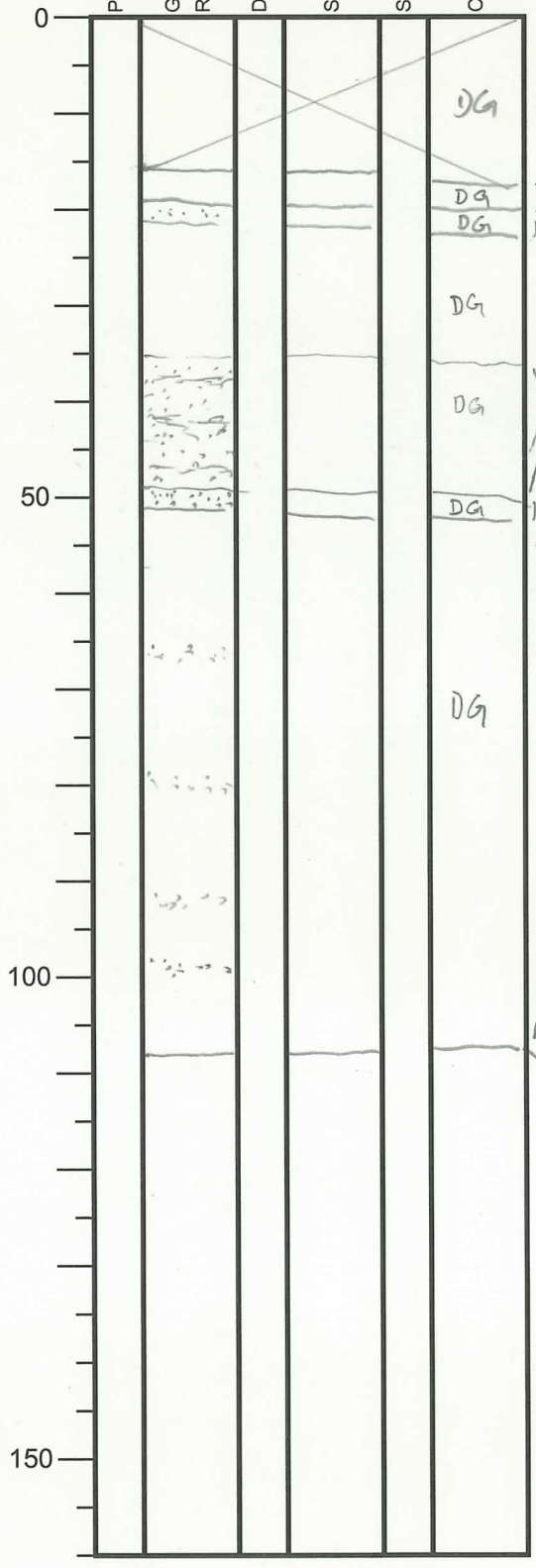
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: G
CORE: 5 X
SECTION: 3
OBSERBER: AD

0~108.5: silty clay with some sandy layers



DG = dark grey

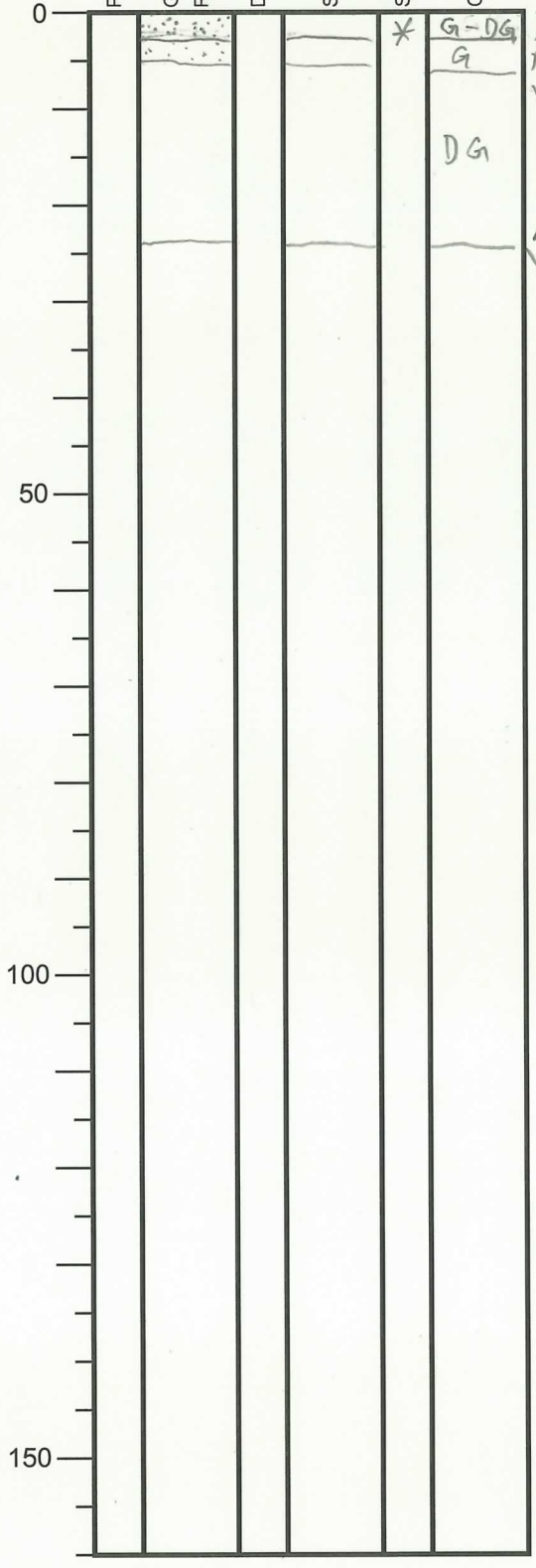
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

0-24.5 silty to fine sandy layers showing some colour variation all disturbed by drilling

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: G
CORE: 5x
SECTION: CC
OBSERBER: AD



SECTION DESCRIPTION

0-3 fine sand (grey to dark grey)
3-6 silty fine sand
6-24.5 silty fine sand
24.5 End of section

Biscuited; drilling induced

* (ss) : 1.5 cm

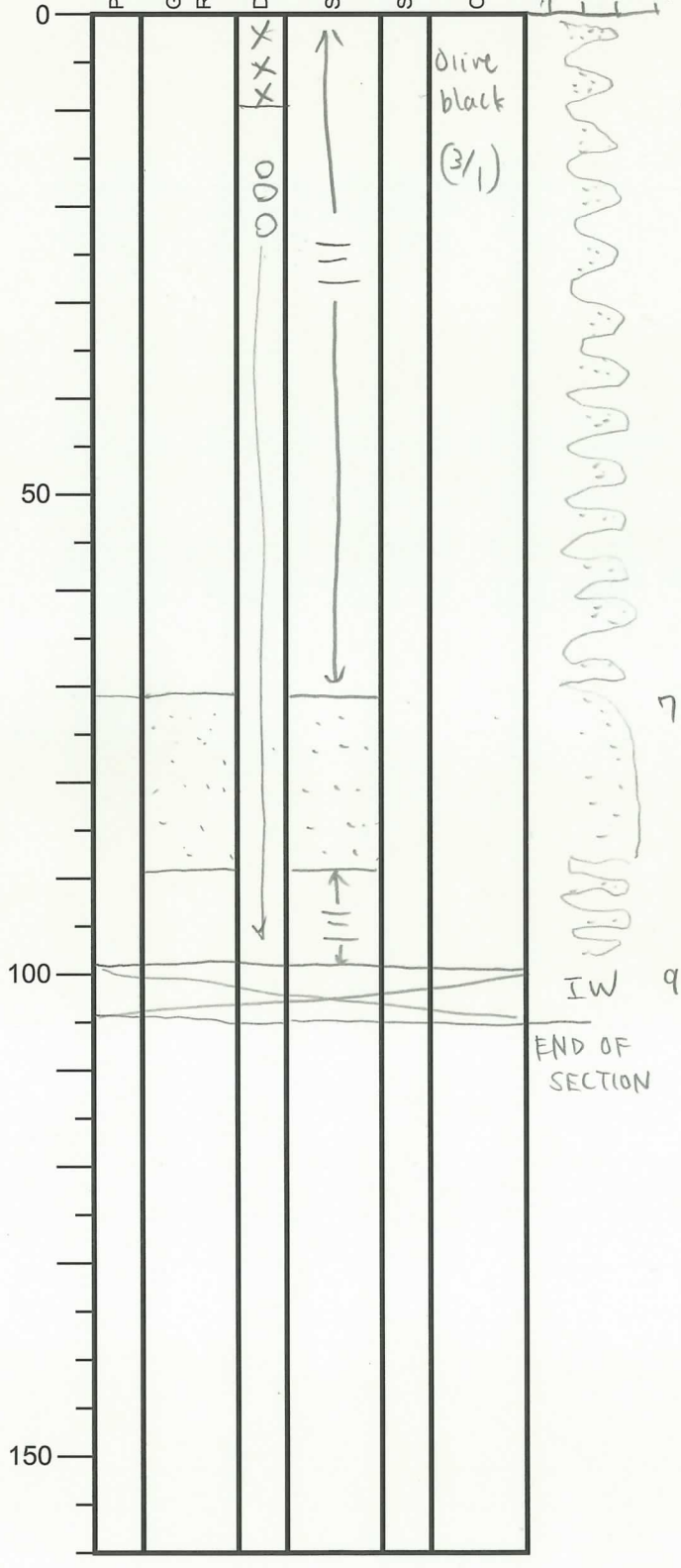
G = grey
DG = dark grey

CHIKYU Operation **Last Update 06/Nov/2009**

Visual Core Description

0-99 cm : Olive Black SILTY VERY FINE SAND INTERBEDDED WITH SILTY CLAY

NO.
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 6X
SECTION: 1A
OBSERBER: MH



0 – 72 : Interlayer of silty clay (50%) and very fine sand (50%)

(21-23 Sand rich in mica.
44-47.

Bedding disturbed by biscuiting..

72 – 87 : Silty very fine sand (mica rich)

86-99 : Interlayer of silty clay and silty very fine sand. (50%. 50%)

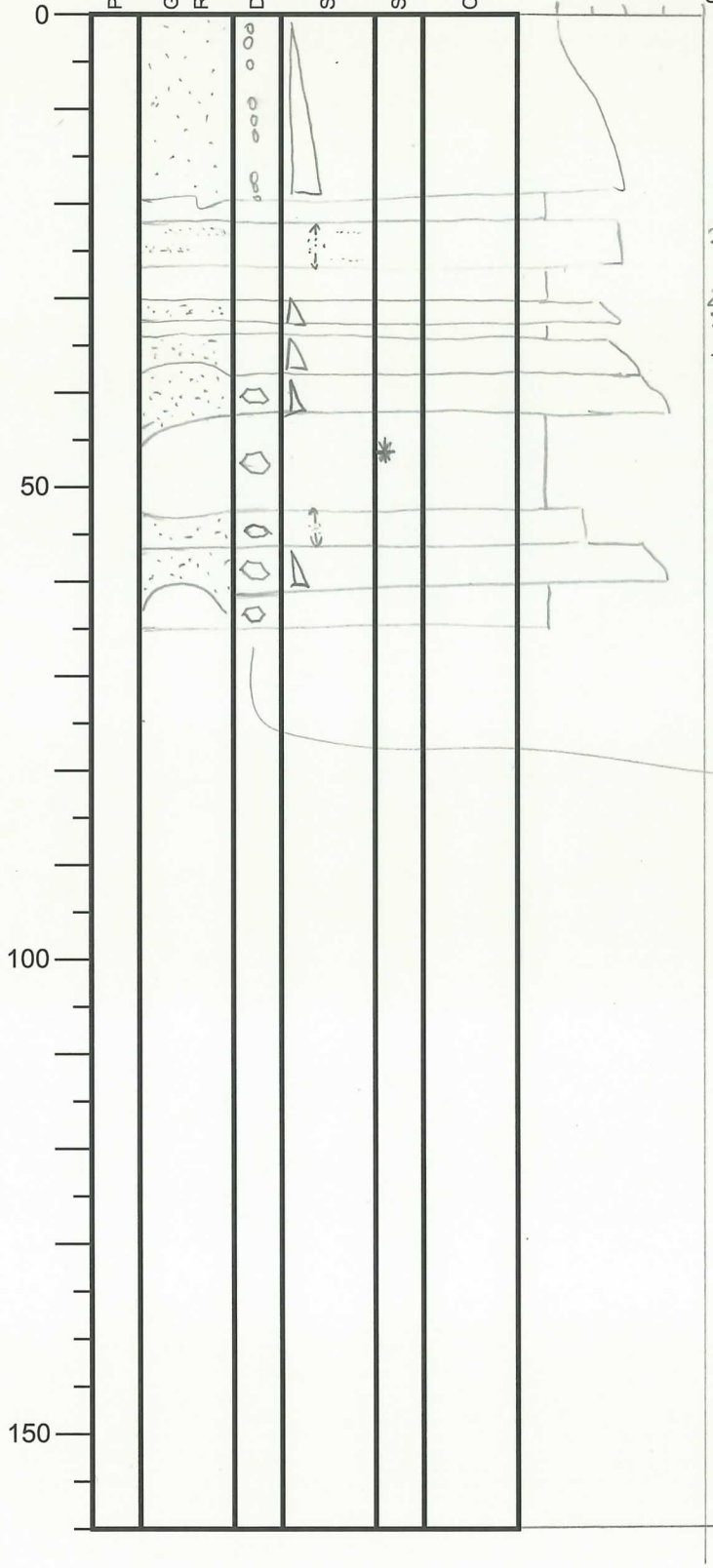
Biscuiting

CHIKYU Operation **Last Update 06/Nov/2009**

Visual Core Description

NO. 2
DATE 22/03/2019.
EXP.: 358.
SITE/HOLE: C0024G
CORE: 6X
SECTION: 2
OBSERBER: PC

Dominand => muddy sand
Graded thin bedded VFS to FS. with interbed of light grey silty clay.



Section 2 = 0-65 cm.

0-21 cm => Graded dark grey VFS - high content in mud => Soupy
No sedimentary structure

21-22 => Structureless light grey silty clay
22-27 => Muddy VFS with scattered sand and sand lamina
27-30 => Structureless light grey mud.
30-32 => Graded VFS.
32-38 => Graded VFS } dark grey.
38-44 => Graded FS }
44-53 => Structureless light grey silty clay.
53-56 => Clayey silt with scattered sand
56-60 => Graded FS } dark grey.
60-65 => Structureless light grey silty clay

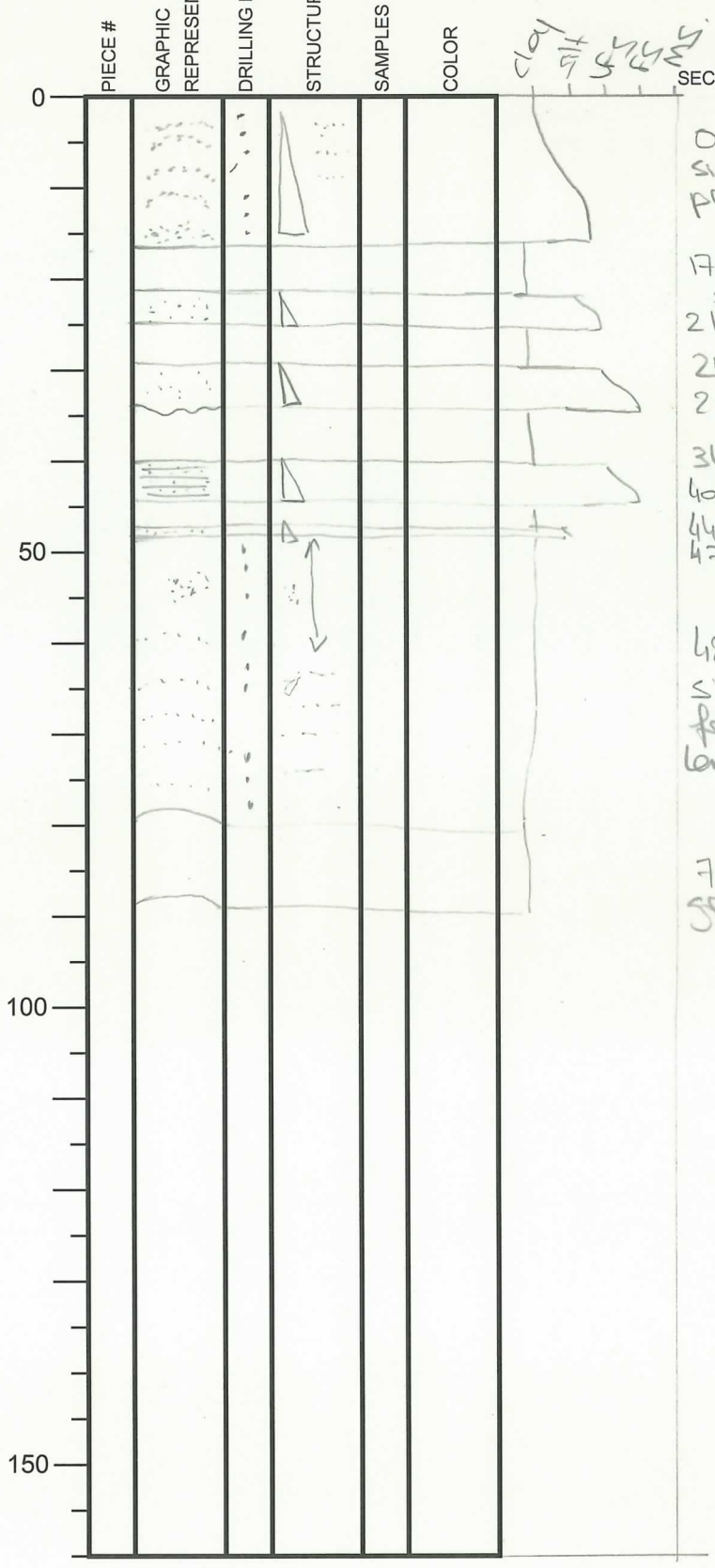
base of the section affected by drilling.
Ø biscuit

CHIKYU Operation **Last Update 06/Nov/2009**

Visual Core Description

NO. 3
DATE: 23/09/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 6X
SECTION: 3
OBSERBER: FC

A Herzrating dark to light grey structureless silty clay (sometimes with sand scattered and laminae) with thin bedded FS and VFS.



SECTION 3: 0-88,5

Dark grey.

0-17 cm => Graded silt => coarse silt at the base - Then silt is present as laminae.

17-21 cm => light grey structureless silty clay
21-24 cm => Graded VFS
24-29 cm => Structureless dark grey silty clay
29-34 => Graded FS with irregular base
34-40 => Structureless grey silty clay
40-44 => Graded / laminated FS
44-47 => Structureless light grey clay
47-48 => Graded silt

48-79 => Structureless dark grey silty clay with silt scattered from 48-61 and then sand laminae until 79.

79-88,5 => Structureless light grey silty clay.

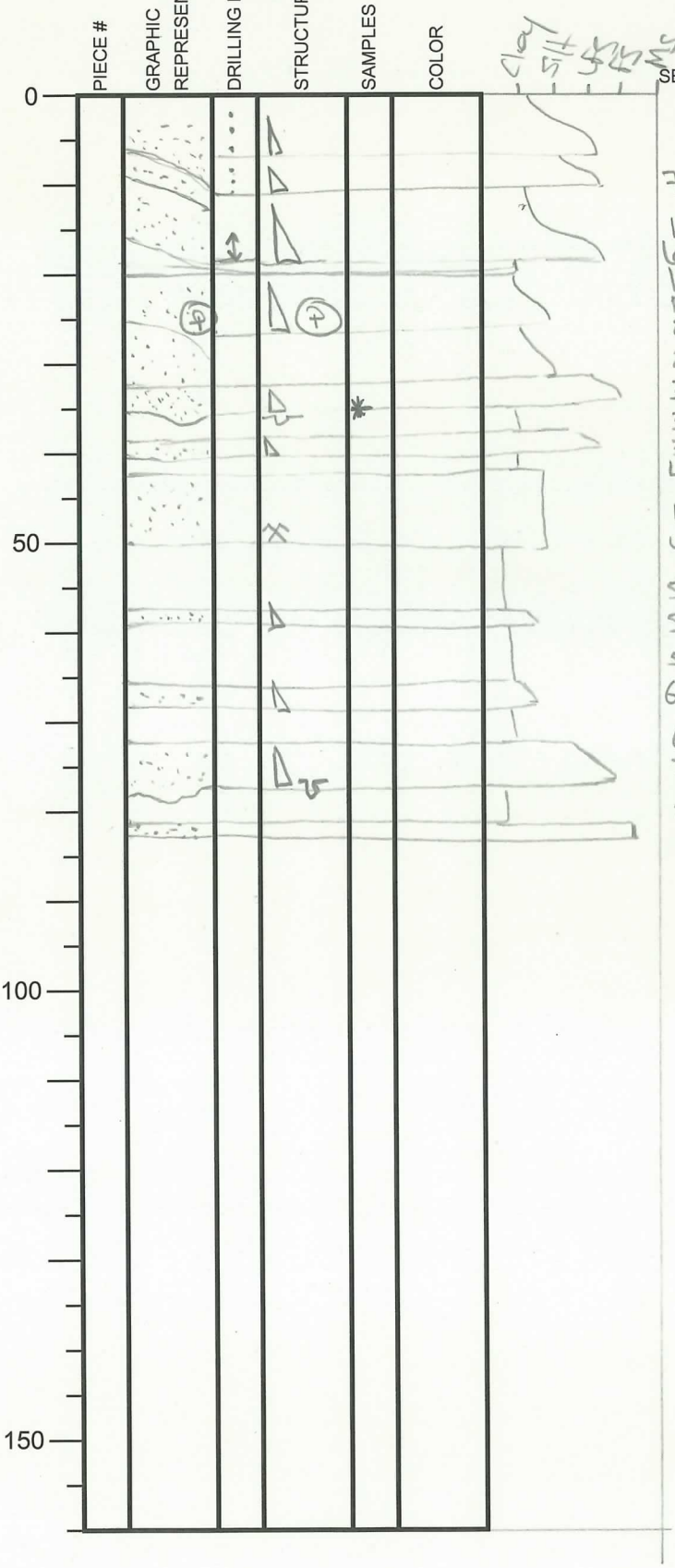
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

A Hexating light to dark grey structureless silty clay with thin bedded graded VFS to FS

NO. 4
DATE: 24/03/2019.
EXP.: 358
SITE/HOLE: C0024G.
CORE: 6X
SECTION: 4
OBSERBER: TC.



SECTION 4 = 0 - 82 cm.

0-7cm: Graded VFS with high content of clay at the top => mud cap.
7-10: Graded VFS => dark grey
10-16: Graded VFS, VFS present in the last 4 cm then graded to silt.
16-17 => Structureless clay
17-20 => Dark to light grey, silty clay.
20-25 => Graded silt
25-33 => Graded silt
33-35 => Graded FS.
35-38 => Structureless dark grey silty clay
38-40 => Graded VFS
40-42 => Structureless silty clay.
42-50 => Structureless clayey silt. with chest of sponge spicule.
50-57 => Structureless silty clay.
57-59 => Graded clayey silt
59-65 => Structureless dark grey silty clay
65-68 => Graded silt.
68-72 => Structureless dark grey silty clay
72-77 => Graded VFS with irregular bed
77-81 => Structureless dark grey silty clay
81-82 => Structureless dark grey FS

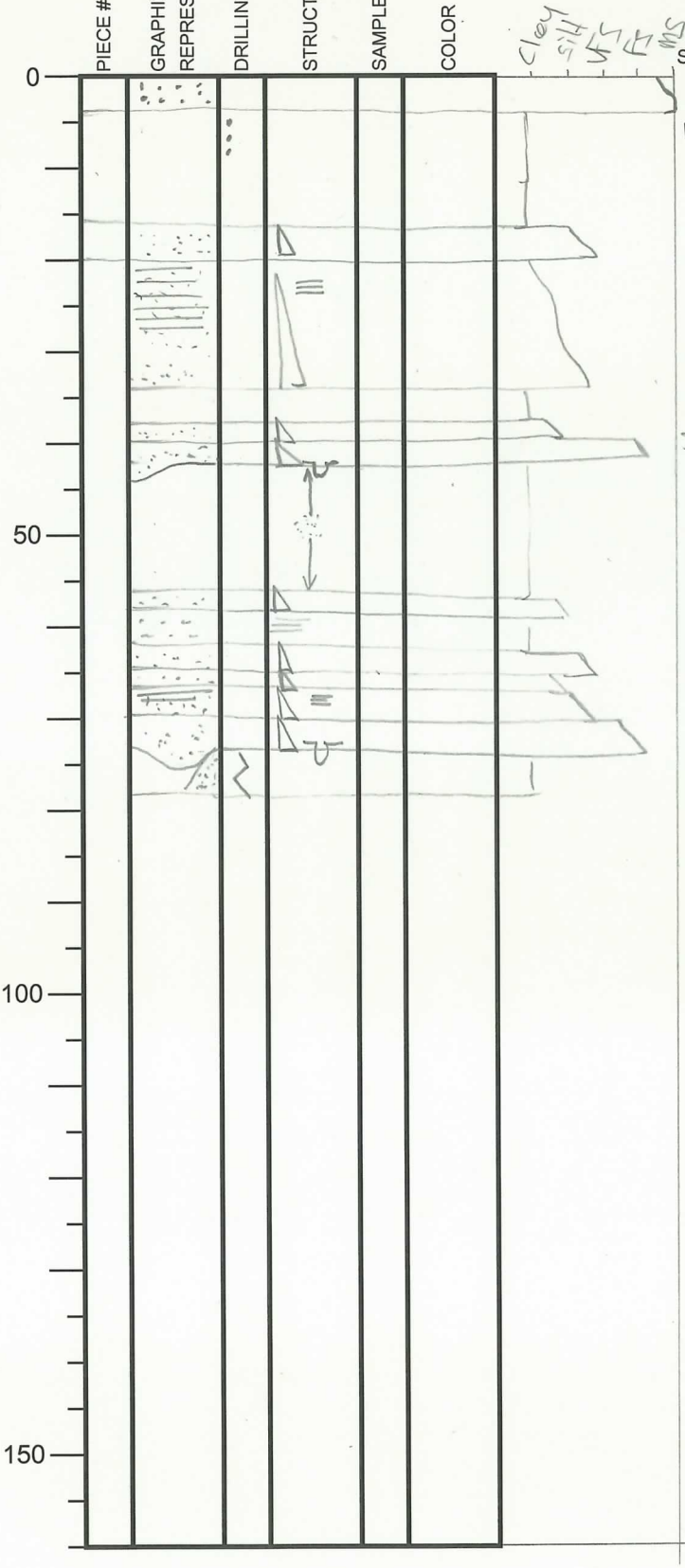
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

Alternating dark grey structureless silty clay with thin-bedded VFS to fS.

NO. 5
DATE: 24/03/2014
EXP.: 358
SITE/HOLE: C0024G
CORE: 6X
SECTION: 5
OBSERBER: PC



SECTION 5 = 0-78 cm

SECTION DESCRIPTION

0-4 cm => Graded MS - No sedimentary structures

4-16 cm => Structureless dark grey silty clay.

16-20 => Graded VFS - Sharp base.

20-34 => Graded VFS - // lam at the top from 20-29 cm.

34-38 => Structureless dark grey silty clay

38-40 => Graded clayey silt.

40-42 => Graded FS.

42-56 => Structureless dark grey silty clay with scattered sand

56-58 => Graded silt

58-62 => Laminated silty clay / clayey silt

62-64 => Graded VFS

64-66 => Graded silt

66-69 => Graded VFS with // lam

69-73 => Graded FS with erosive base.

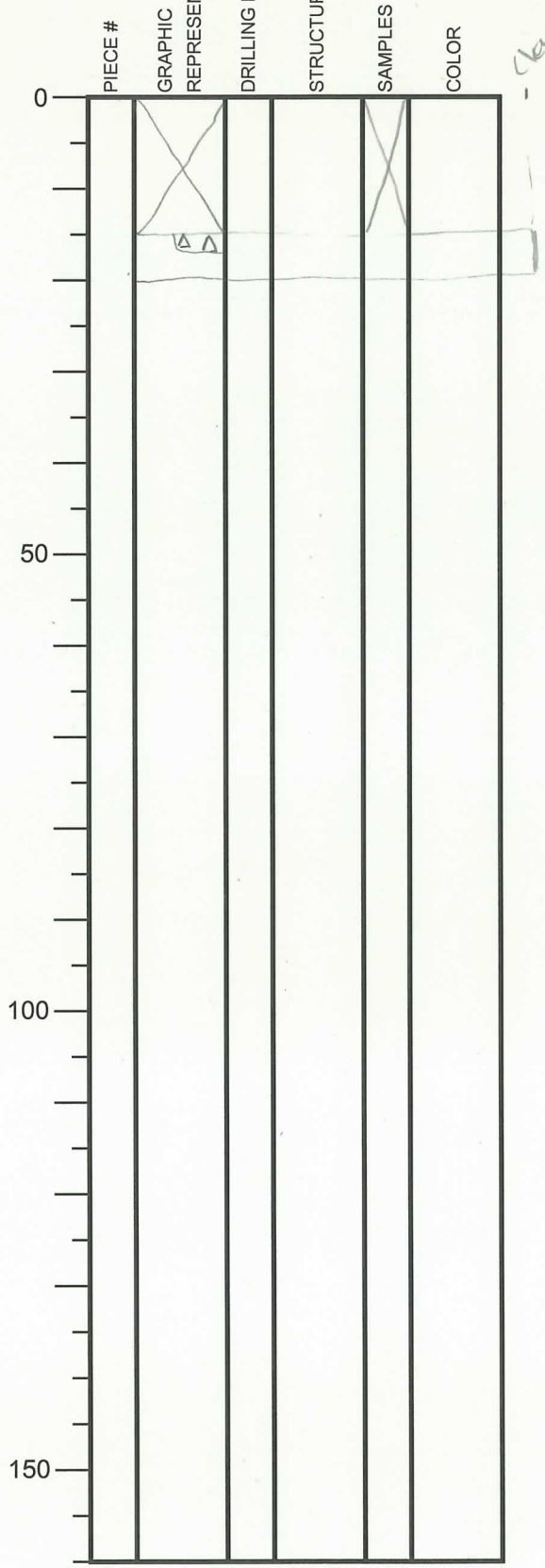
73-79 => Light grey silty clay
Left of the core is FS due to drilling disturbance.

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO. 6
DATE: 24/03/2019.
EXP.: 358.
SITE/HOLE: C0024G
CORE: 6X
SECTION: 6
OBSERBER: AC.



SECTION DESCRIPTION

0-15 cm = 1W sample.

15-20 cm = Dark grey silty clay.
16-17 cm patch of ~~es~~ light grey ash layer.

CHIKYU Operation

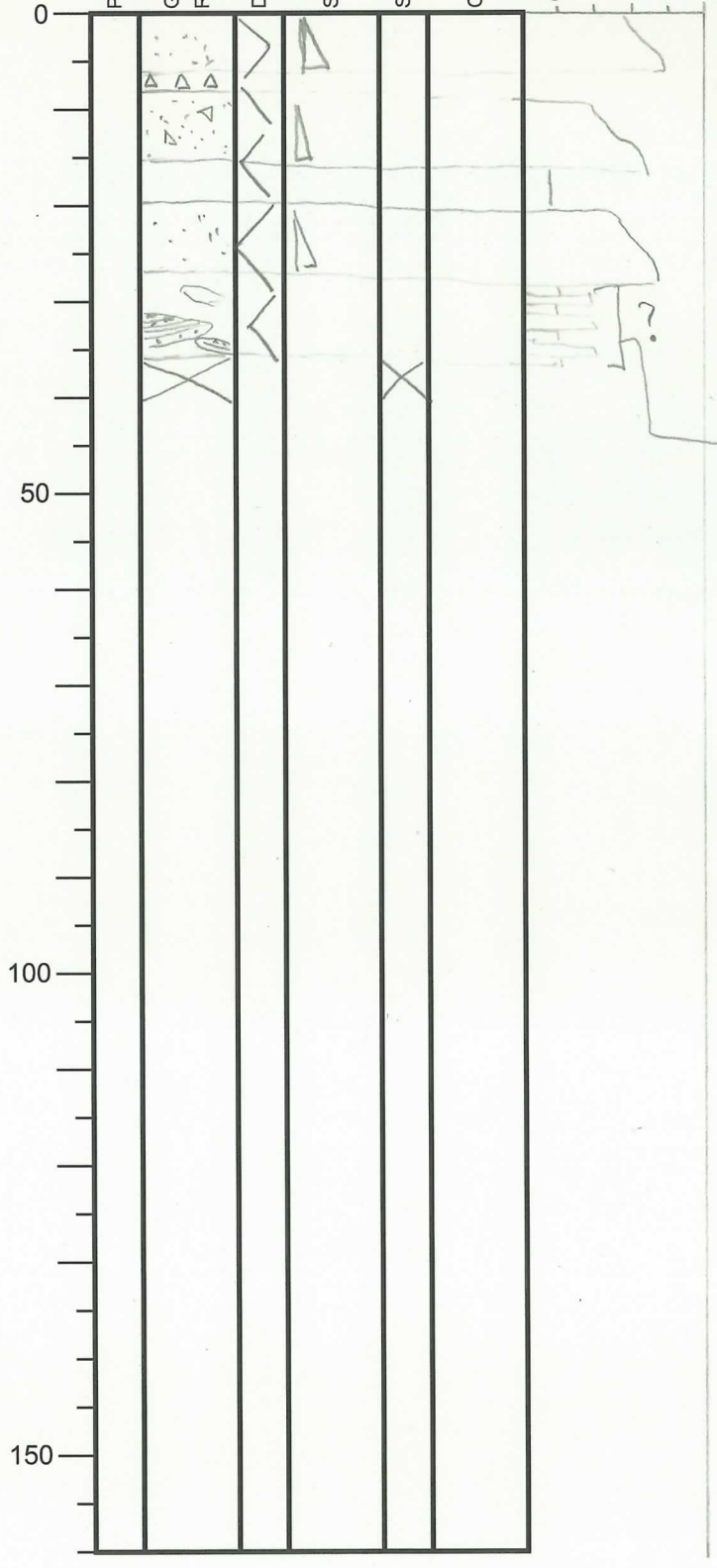
Last Update 06/Nov/2009

Visual Core Description

Heavily disturbed section. Alternating silty clay and thin-bedded sand with high content in volcanic glass / ash layer.

NO. 7
DATE: 2 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 6X
SECTION: CC
OBSERBER: TC

SECTION CC. 0-40 cm



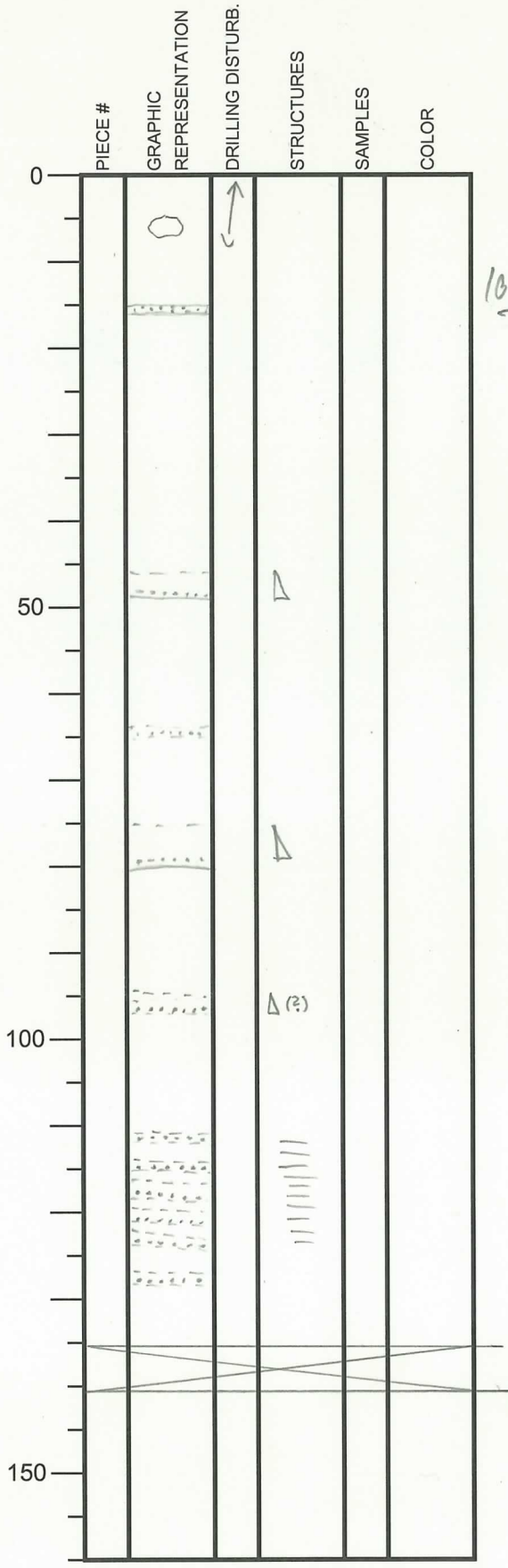
0-6 cm - Graded FS.
6-8 cm - Light grey ash layer.
8-15 cm - Light grey graded VFS high content in volcanic glass. Is Reworck of ash layer by density flow
15-19 - Structureless dark olive grey silty clay.
19-26 - Graded FS.
26-35 - Highly fractured (drilling induced intact clast) clasts of alternating VFS and silty claystone.
35-40 - PAL sample.

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /2019-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: 7X
SECTION: 1
OBSERBER: DJ



SECTION DESCRIPTION

0-10: mudstone clasts in silty-clayey matrix → likely drilling induced

10-140.5: dark olive gray silty clay to clayey silt with dark gray beds of silt to fine sand

ab: 15-16 (silt)
46-49 (silt, graded)
64-65 (silt)
75-80 (fine sand/silt, graded)
87-91 (fine sand/silt, graded)
94-96.5 (silt, graded ?)
111-112
114-115
116-118
119-121
122-124
127-128
} thin (~1 cm) silt beds

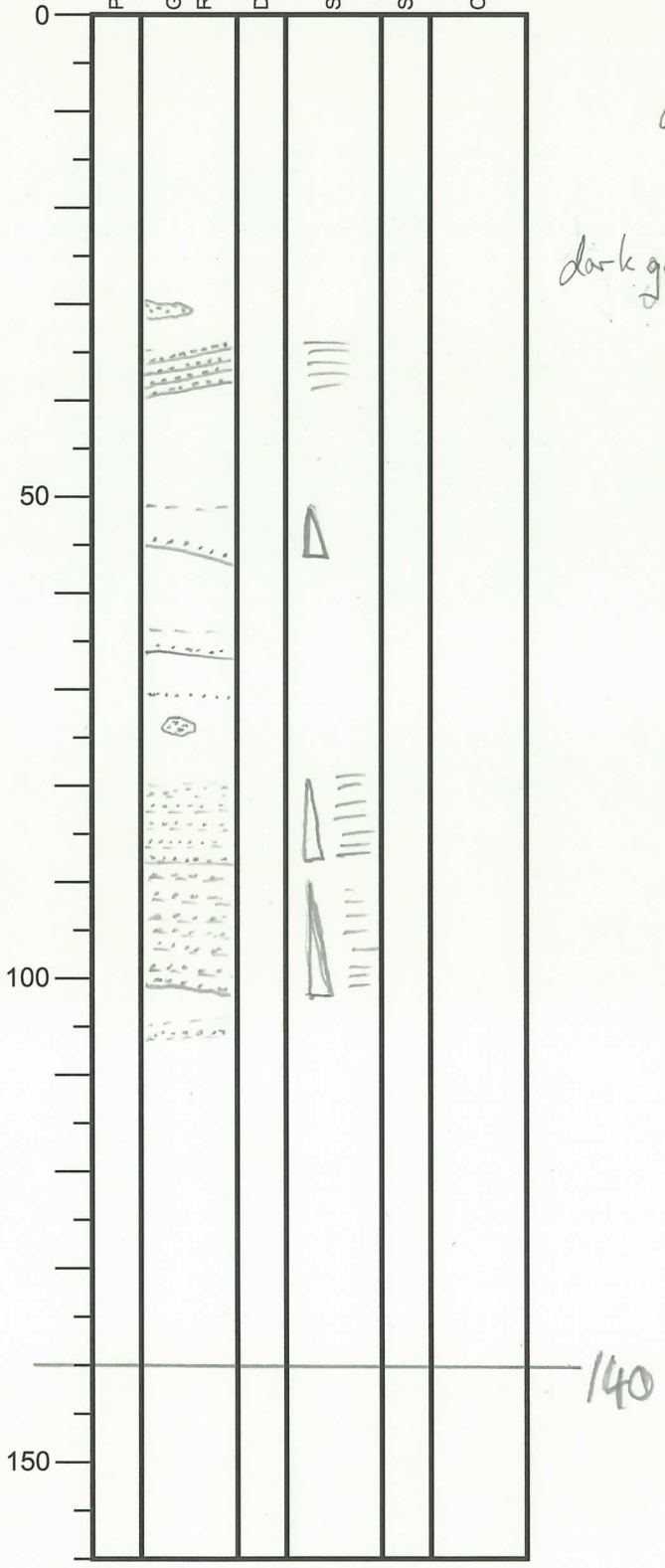
135.5 - 140.5 358 AIWR (WR sample)

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024 G
CORE: 7 X
SECTION: 2
OBSERBER: DJ



SECTION DESCRIPTION

dark olive gray silty clay to clayey silt

dark gray silt to fine sand at:

32-39.5 (series of 4 fine sand beds, separated by silty clay laminae)

51-55.5 (silt/fine sand, graded)

64-66 (silt/fine sand)

70 (silt laminae)

80-101 2 successions of thin silt to fine sand beds, separated by silty clay laminae) general upward fining within & between beds

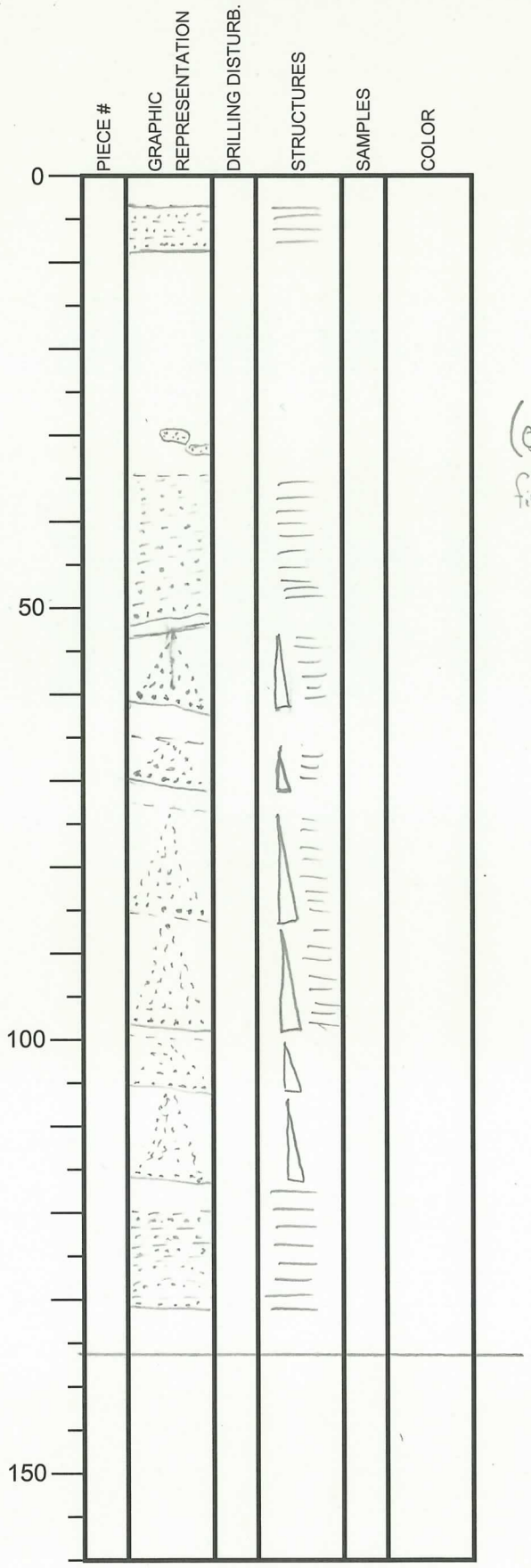
104-106: (silt)

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024
CORE: 7X
SECTION: 3
OBSERBER: D]



SECTION DESCRIPTION

dark olive gray silty clay to clayey silt
and dark gray silt to fine sand
(overall roughly equal)
fine sand/silt at:

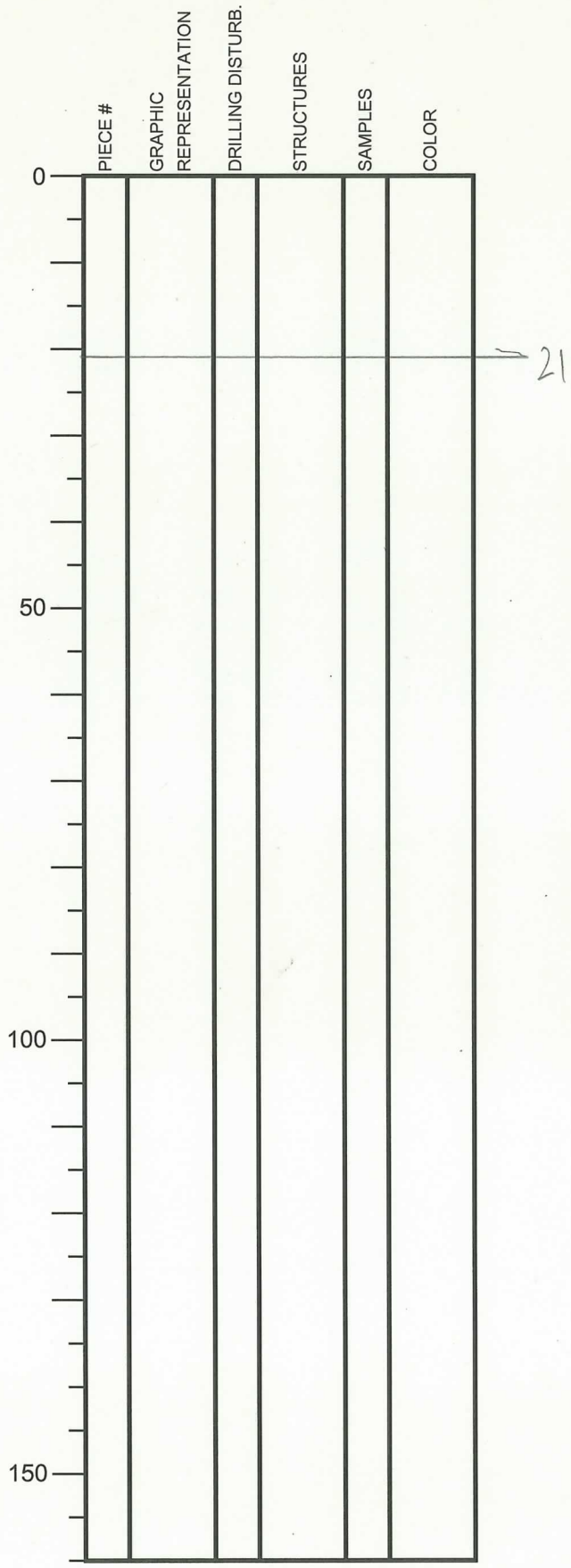
3-8 fine sand, mud laminae
33-52: silt; laminated
53-61 fine sand, graded
64-70 fine sand, graded
73-97 fine sand/silt, laminated, 2 fining upwards cycles
99-105 fine sand, graded
107-117.5 fine sand, graded
120-131 fine sand, graded & laminated

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19 - 03 - 24
EXP.: 358
SITE/HOLE: C0024 G
CORE: 7X
SECTION: 4
OBSERBER: DJ



SECTION DESCRIPTION

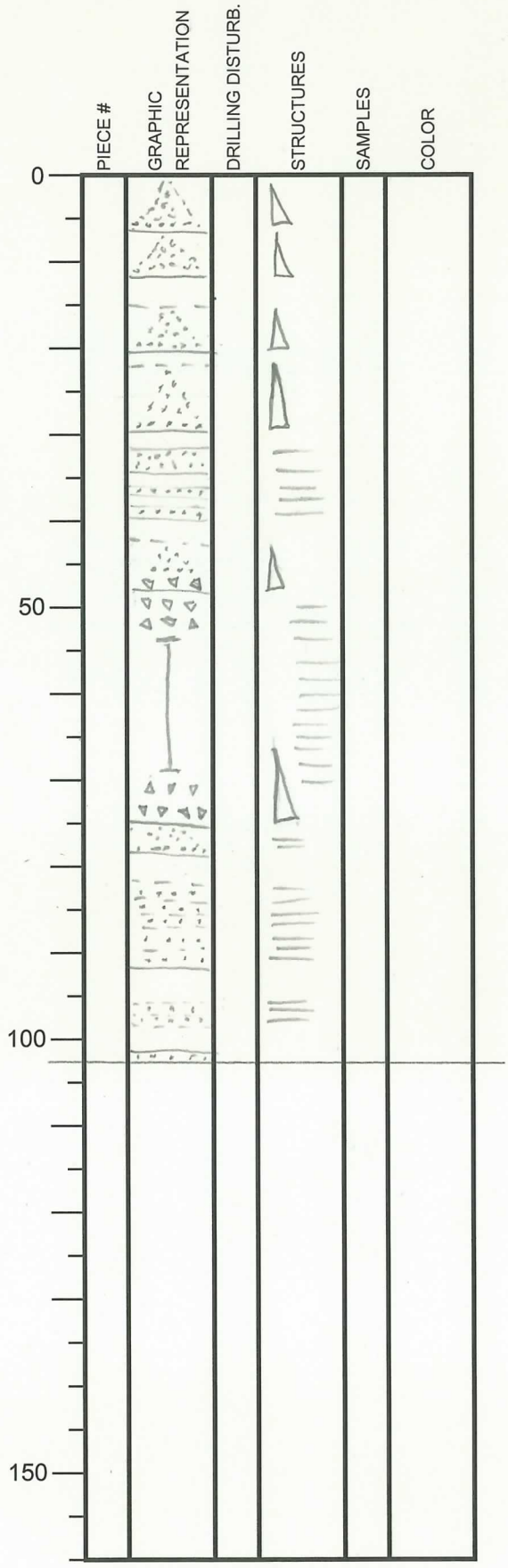
0-21 : all to IW

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024 G
CORE: 7X
SECTION: 5
OBSERBER: DJ



SECTION DESCRIPTION

gray to dark gray
fine sand

greenish gray silty clay / clayey silt

pinkish-beige to brownish gray
ash

Sand at (most are graded)

0-6
6-12
15-20
23-29
31-34
35.5-36.5
37.5-39.5
42.5-47.5 (base from 45.5 to 47.5 mixed with ash)
75-78
81.5-93 laminated, slightly graded
96-98 laminated
102-103

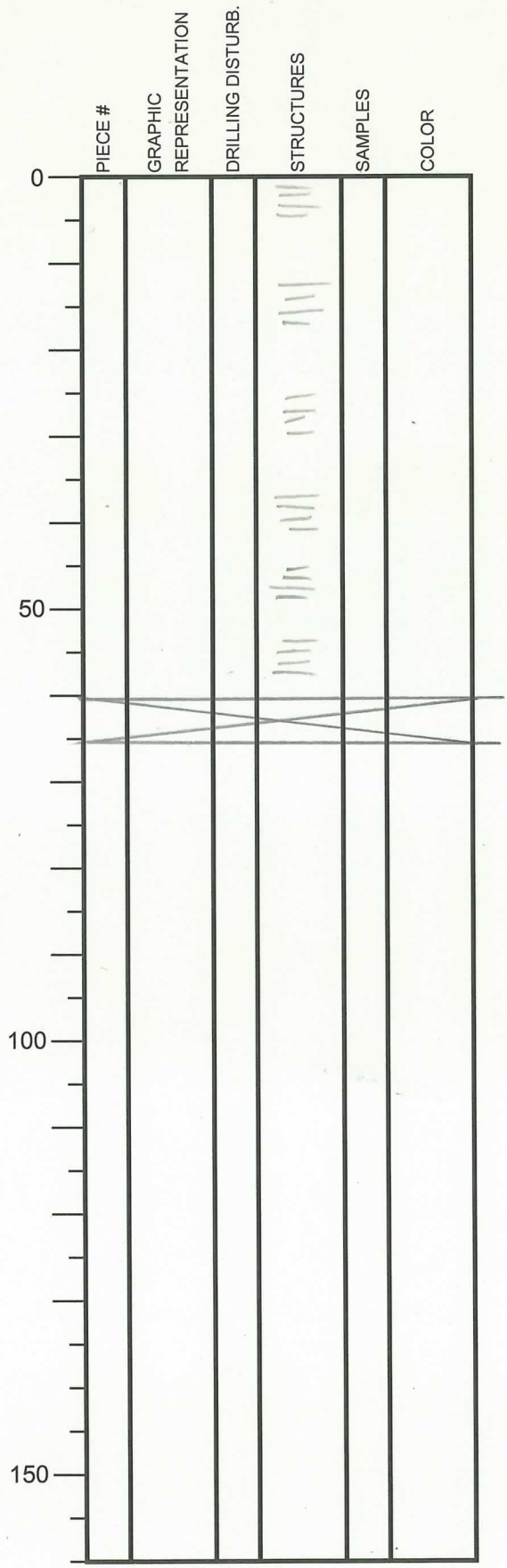
prominent ash layer
48-74, lamination, ", base is graded

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024 G
CORE: 7X
SECTION: CC
OBSERBER: TJ



SECTION DESCRIPTION

dark gray silty clay
& gray fine sand
laminated / finely bedded
bed / lamination thickness
decreases towards bottom
light to moderate drilling
disturbance

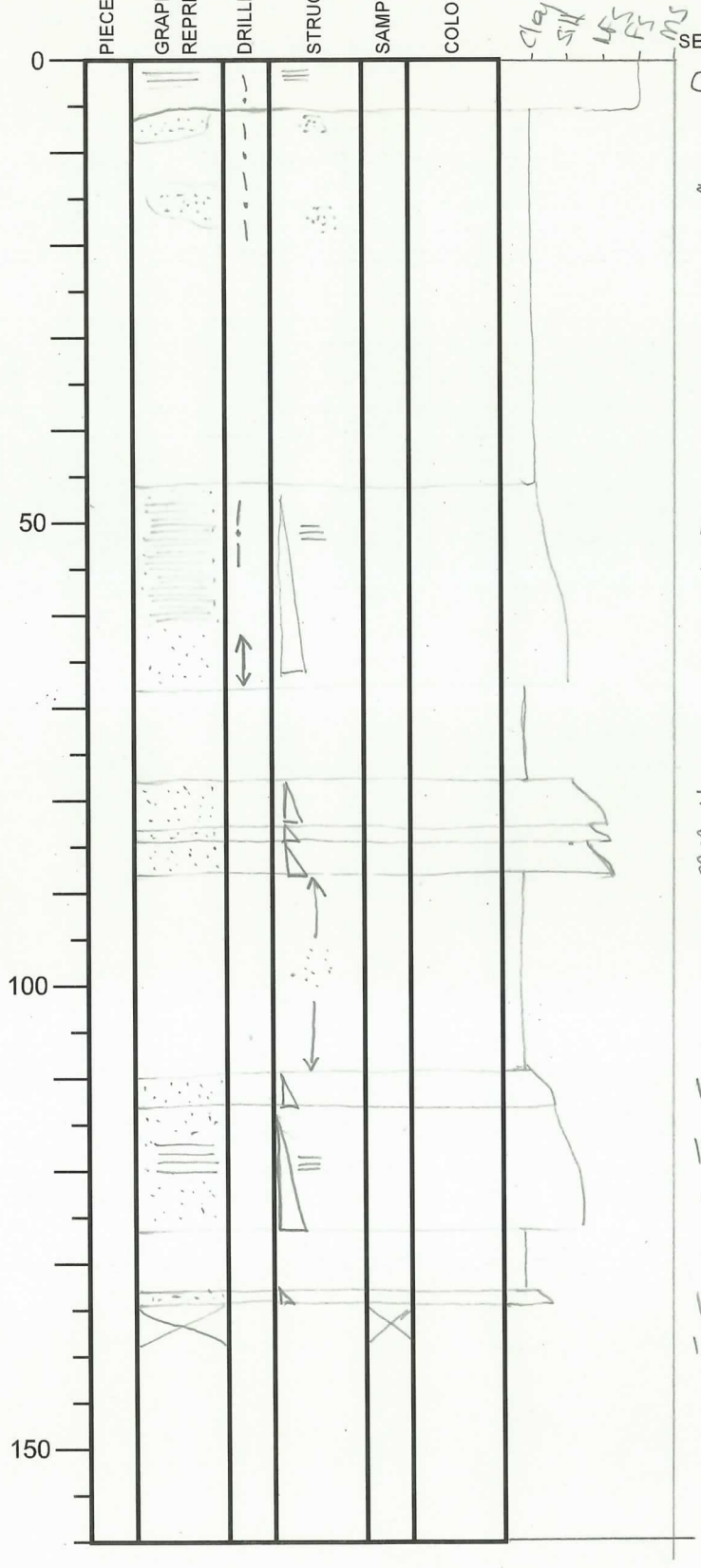
60.5 -
65.5 PAL (WR sample)

International Ocean Discovery Program

Visual Core Description

Dark to light grey silty clay is dominant with interbeds of thick to very-thin silt to FS showing some // lam.

NO. 1
DATE: 24/03/2019.
EXP.: 358
SITE/HOLE: U0246
CORE: 8X.
SECTION: 1
TOP DEPTH (m CSF):
OBSERBER: PC



0-5cm -> FS with // lam at the top.

5-46 cm -> light to dark grey silty claystone with some patches of scattered sand -> 5-9.
14-16.

46-69 cm => Dark grey silty clay with // lam from 49-61.
Gaz expansion at the bottom.

69-78cm => Structureless light grey silty clay.

78-83cm => Graded VFS.
83-84cm => " "
84-88 cm => " "

88-110 => Light to dark grey structureless silty clay to clayey silt
Silt scattered.

110-113 => Graded silt.

113-127 => Graded VFS to silt.
// lam at the middle.
Sharp base.

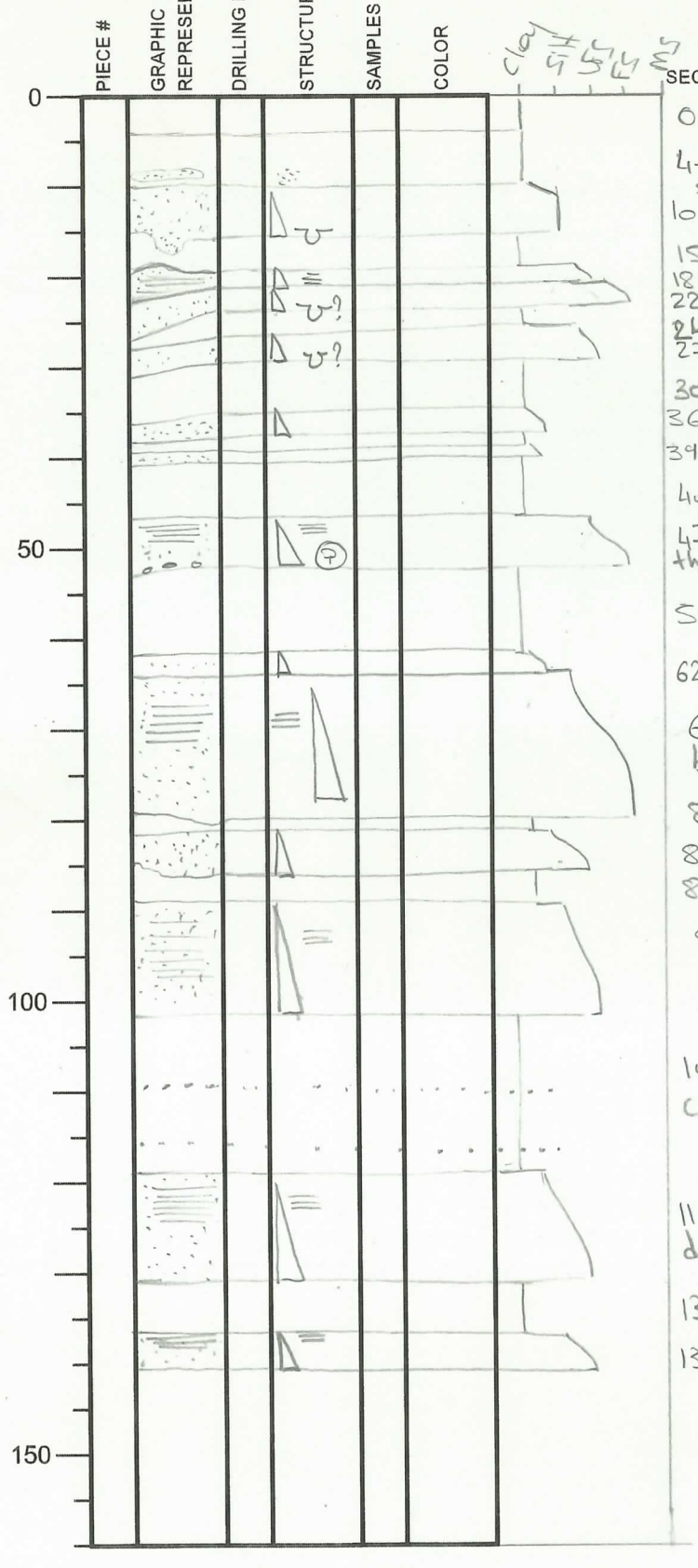
127-133 => Light grey silty clay.
133-134,5 => dark grey graded silt.
134,5-139,5 => WR sample.

International Ocean Discovery Program

Visual Core Description

Alternating: Medium to very thin bedded graded silt and sand with structureless light grey silty clay to clayey silt

NO. 2
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 8X
SECTION: 2
TOP DEPTH (m CSF):



SECTION 2 = 0-140,5

OBSERBER: PC

0-4 cm: light grey silty clay
4-10 cm: dark grey clayey silt with scattered silt.
10-15: Graded dark grey silt.
15-18: light grey structureless silty clay
18-22: Graded VFS with // lem
22-24: Graded FS with erosive base?
24-27: light grey silty clay.
27-30: Graded VFS with erosive base?
30-36,5: structureless light grey silty clay
36,5-38: Graded silt
39,5-40,5: Graded silt.
40,5-47: light grey silty clay.
47-53: Graded FS with Pumice clasts at the base and // lem at the top.
53-62,5: Light grey structureless silty clay.
62,5-64: Graded silt.
64-81: Graded FS with irregular base and // lem in the middle.
81-82 = light grey structureless silty clay.
82-86 = Graded dark grey VFS.
86-89 = light grey silty clay.
89-102 = Graded dark grey VFS with diffuse // lem (cutting induced?)
102-119 = light grey structureless silty clay with silt laminae at 110, 116.
119-131 = Dark grey graded VFS with diffuse // lem at the top.
131-137 = Light grey structureless silty clay
137-140,5 = Graded VFS with // lem at the top.

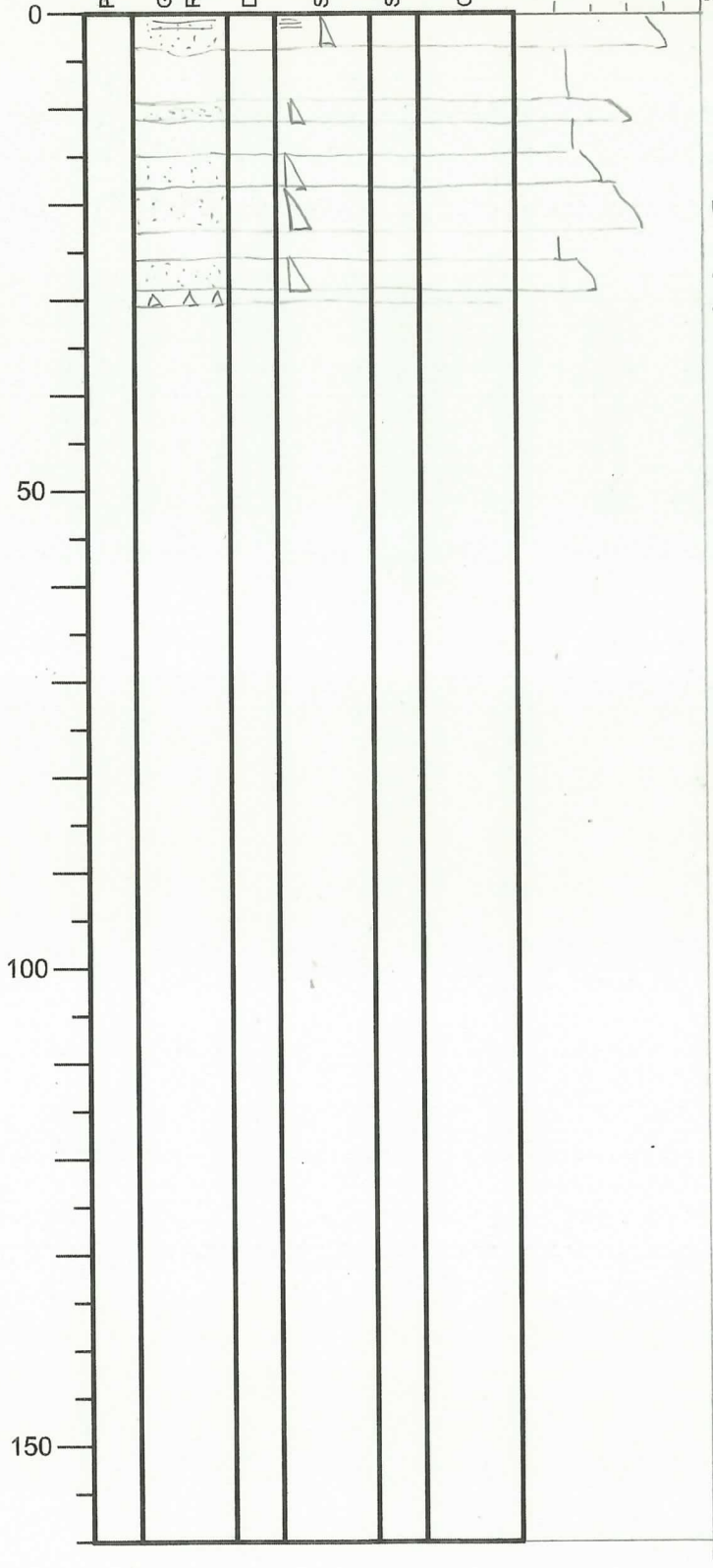
International Ocean Discovery Program

Visual Core Description

Alternating dark grey silt to FS. with light to dark grey silty clay to clayey silt

NO. 3
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 8X
SECTION: 3
TOP DEPTH (m CSF):
OBSERBER: PC

SECTION 3: 0-31 cm.



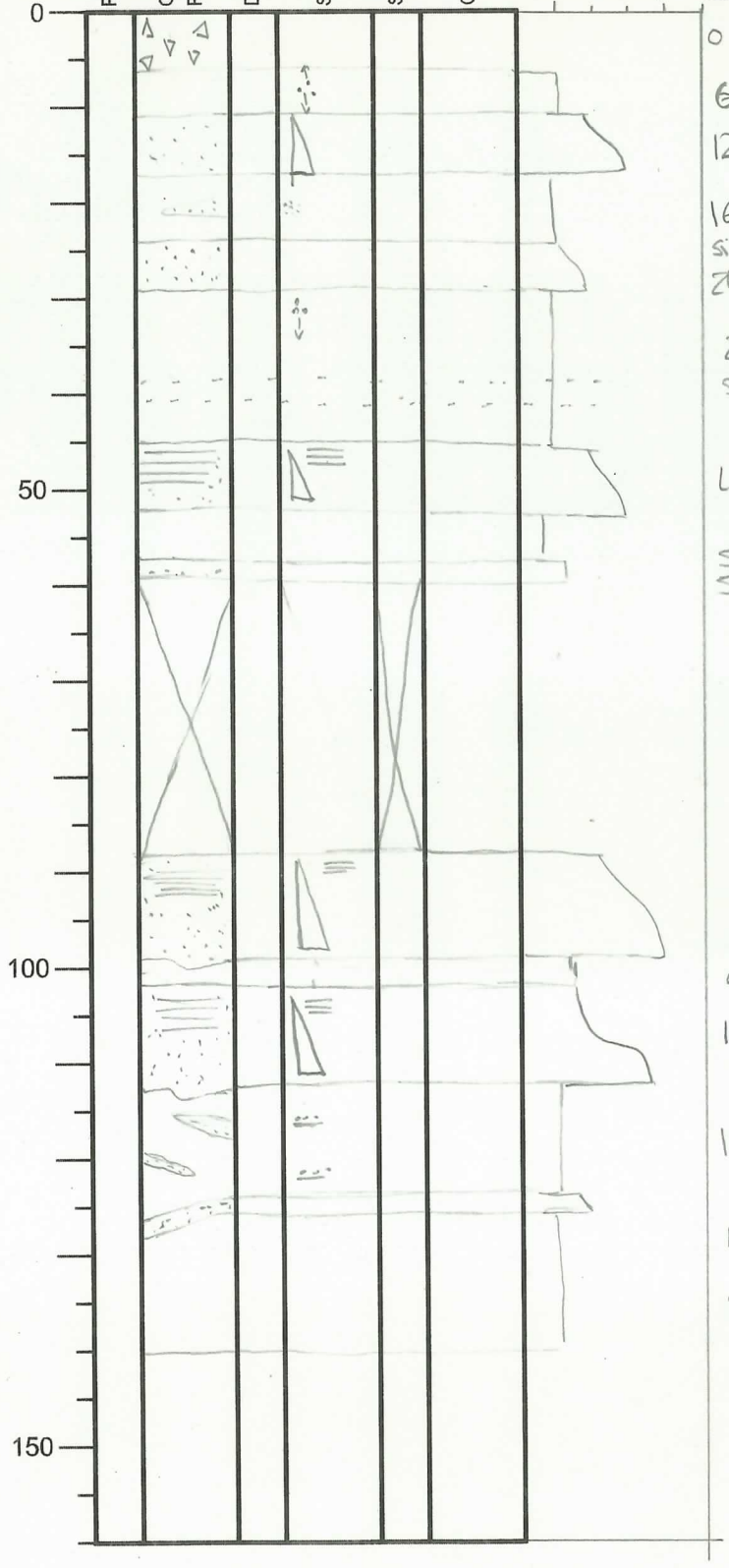
0-3cm = Graded FS with // law at the top.
3-9,5 = Structureless dark grey silty clay
9,5-11 = Graded VFS.
11-15 = Dark grey silty clay
15-18 = Dark grey graded silt.
18-23 = Dark grey graded VFS.
23-26 = Light grey silty clay
26-29 = Dark grey graded silt
29-31 = Light grey ash layer

International Ocean Discovery Program

Visual Core Description

Alternating medium to thin bedded graded silt to FS with light to dark grey silty clay to clayey silt.

NO. 4
DATE 24/03/2019.
EXP.: 358
SITE/HOLE: U0024G.
CORE: 8X.
SECTION: 4
TOP DEPTH (m CSF):
OBSERBER: PC



SECTION 4 = 0 - 140 cm.

0-6cm => light grey ash layer (slightly graded)
6-12 cm => Dark grey structureless silty clay.
12-16,5 => Graded VFS.

16,5-24,5 => Light grey structureless silty clay with scattered silt.
24,5-29 => Graded silt.

29-45 = Dark to light grey structureless silty clay with silt laminae.

45-52 = Dark grey graded VFS with // lam at the top.
52-57 = Light grey silty clay.
57-59 = Structureless dark grey silt.

59-89 = IW + RMS Samples.

89-98 = Graded FS with // lam at the top. Irregular base
98-102 = Light grey structureless silty clay
102-113 = Dark grey graded FS with // lam at the top.

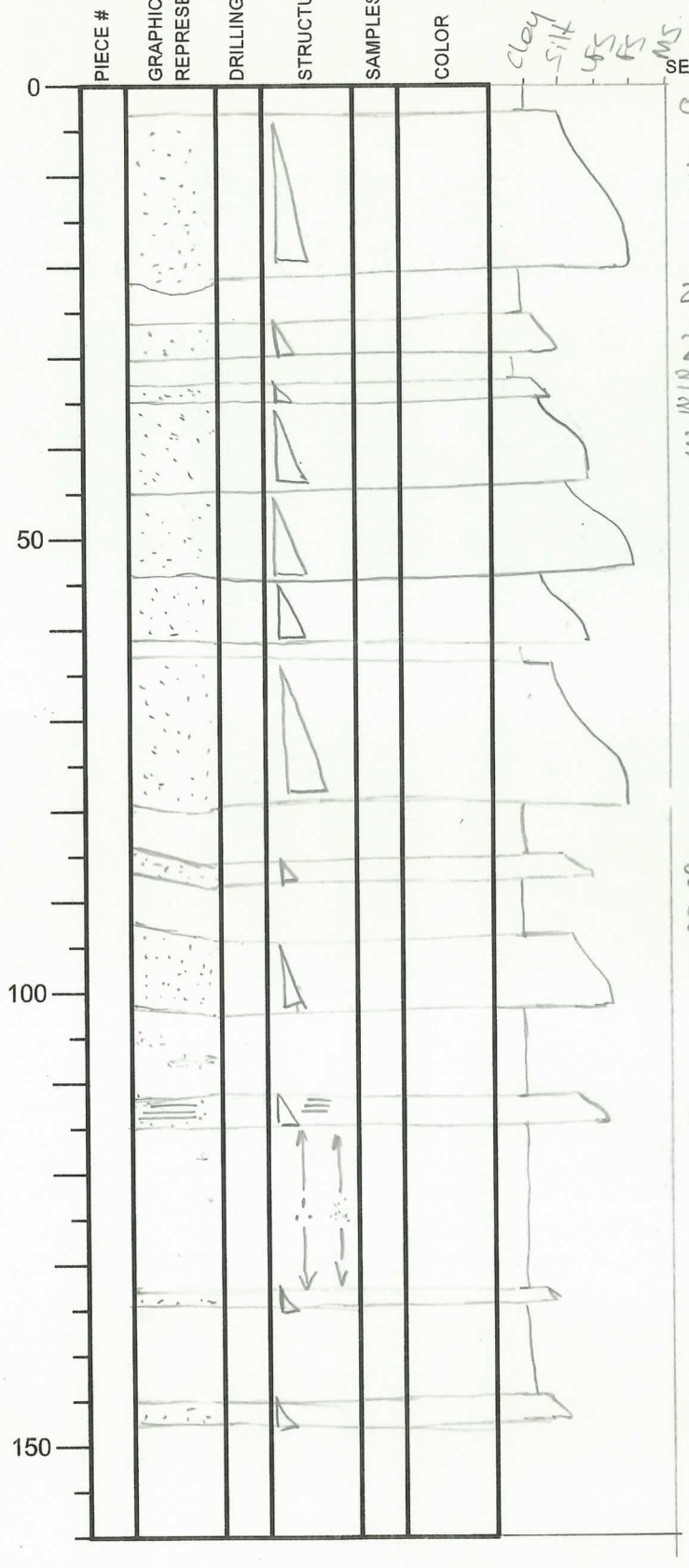
113-125: Light grey structureless silty clay with patches of silt.
125-127: Graded silt.
127-140: Light to dark grey structureless silty clay to clayey silt.

International Ocean Discovery Program

Visual Core Description

Alternating Medium to very thin beds of dark grey graded silt to FS with interbeds of light to dark grey structureless silty clay.

NO. 5
DATE 24/03/2019
EXP.: 358
SITE/HOLE: U1524G
CORE: 8X
SECTION: 5
TOP DEPTH (m CSF):
OBSERBER: FC



SECTION 5 = 0-148 cm

0-3 cm = light grey silty clay

3-22 = Dark grey graded FS to silt.

22-26 = light grey structureless silty clay.

26-30 = Graded silt

30-33 = Structureless silty clay

33-35 = Graded silt

35-45 = Graded VFS to silt

45-55 = Graded FS to VFS.

55-61,5 = Graded VFS to silt.

61-63 = Structureless silty clay.

63-80 = Graded FS to silt. Irregular base

80-85 = light grey silty clay.

85-87 = Graded VFS.

87-92 = light grey structureless silty clay.

92-101 = Graded FS.

101-111 = light grey silty clay with patch of silt

111-115 = Graded VFS with // low.

115-132 = light grey to dark grey silty clay with mottled texture and patches of silt.

132-134: Graded silt.

134-145: light grey silty clay.

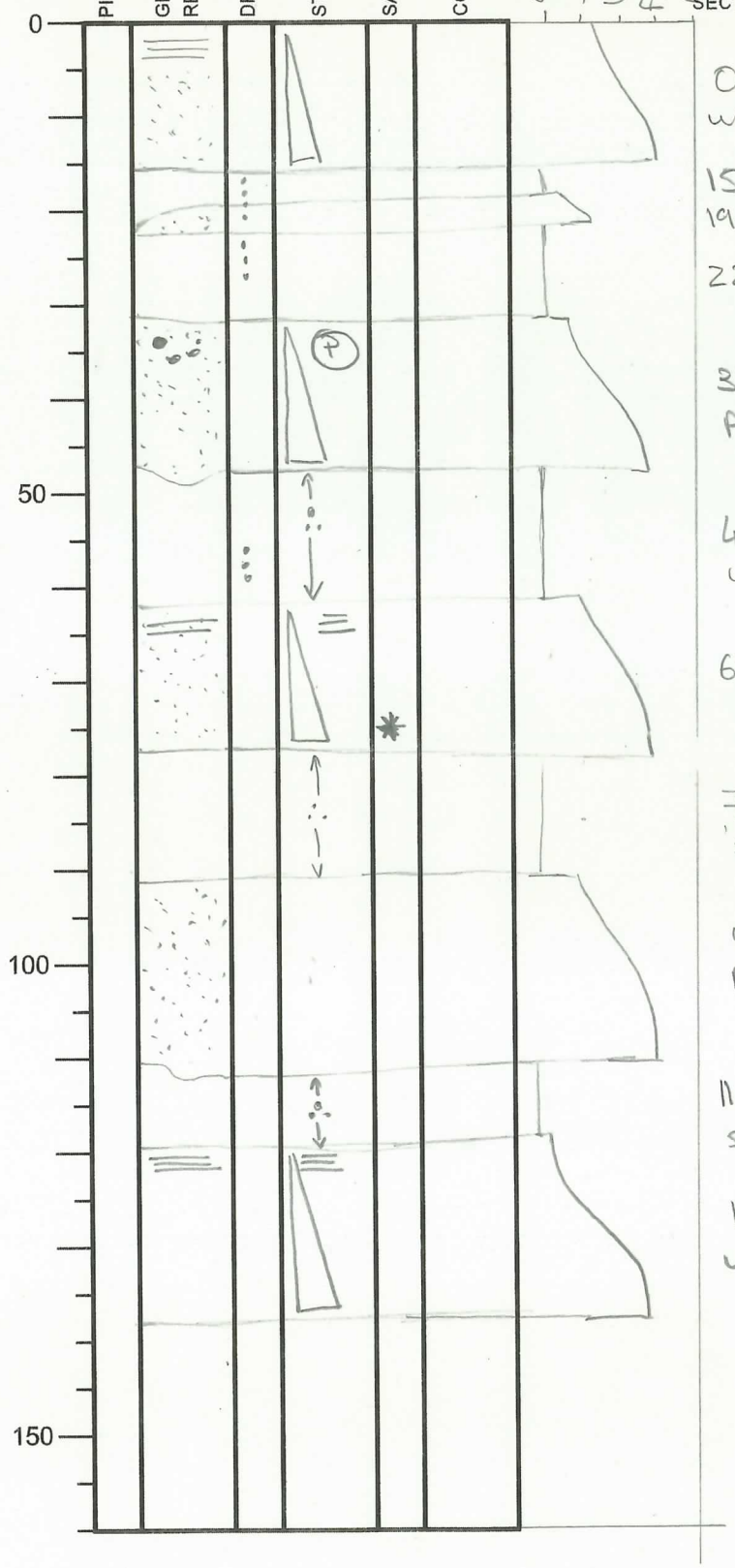
145-148: Graded silt.

Increase in the proportion of medium bed compared with previous sections. Alternating medium to thin bedded graded dark grey silt to FS with structureless silty clay with mottled texture (sometime)

International Ocean Discovery Program

Visual Core Description

NO. 6
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 8X
SECTION: 6
TOP DEPTH (m CSF):
OBSERBER: PC



0-15 cm: Graded FS to silty VFS with // lam at the top.

15-19: light grey silty clay

19-22: Graded silt

22-31: light grey structureless silty clay

31-47: Graded FS with clast of pumices at the top

47-62: light grey structureless with mottled texture silty clay

62-77: Graded FS to VFS with // lam at the top.

77-91: Structureless ligh grey silty clay. Mottled texture

91-110,5 = Graded FS to silt Diffuse top with the silty clay obse

110,5-119 = light grey structureless silty clay.

119-138,5 = Graded FS to silt with // lam at the top

Section 6: 0-138,5

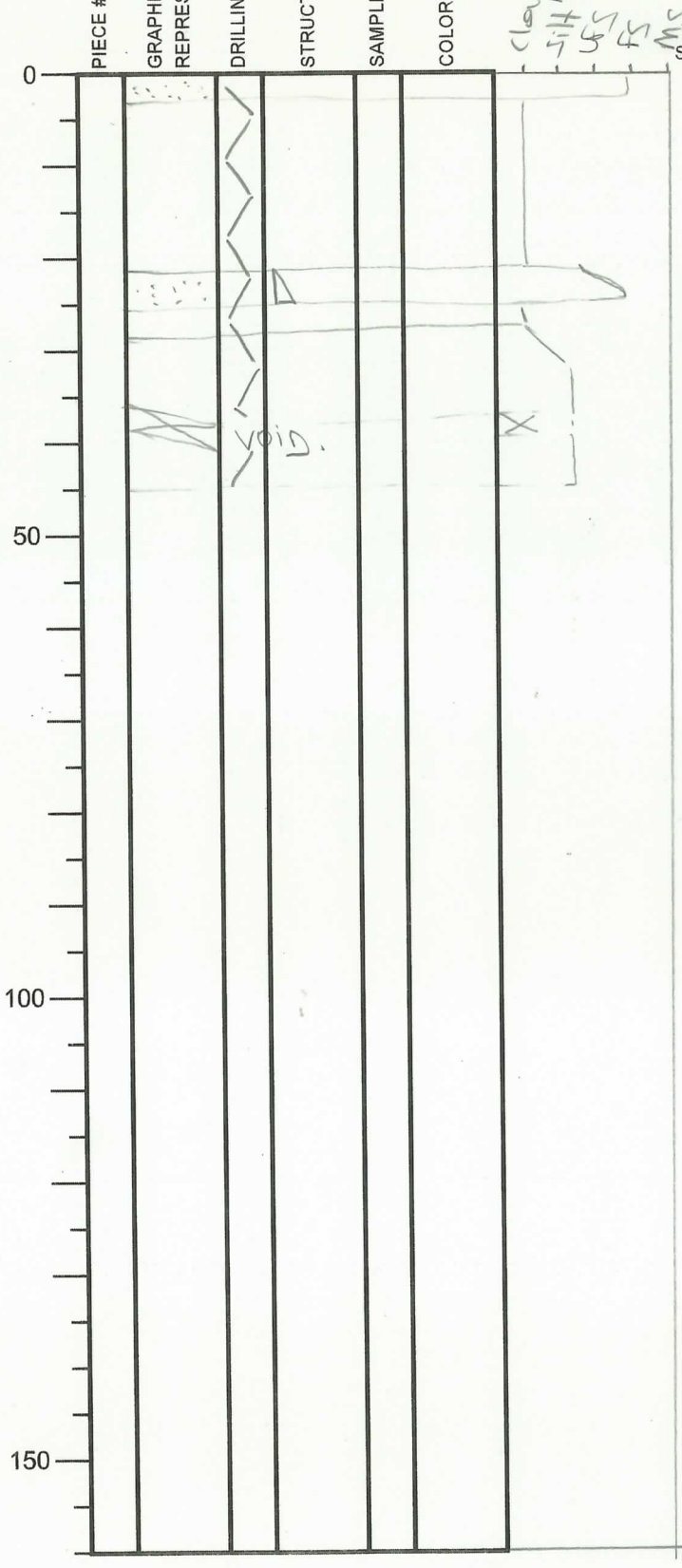
International Ocean Discovery Program

Visual Core Description

Alternating FS/LFS with silty claystone - highly disturbed by drilling.

NO. 7
DATE: 24/08/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 8X
SECTION: CC
TOP DEPTH (m CSF):
OBSERBER: FC

SECTION CC. 0-44cm.



0-3cm: Structureless FS

3-21cm = light to dark grey silty clay

21-25 = Graded fs

25-28 = Structureless dark grey silty clay

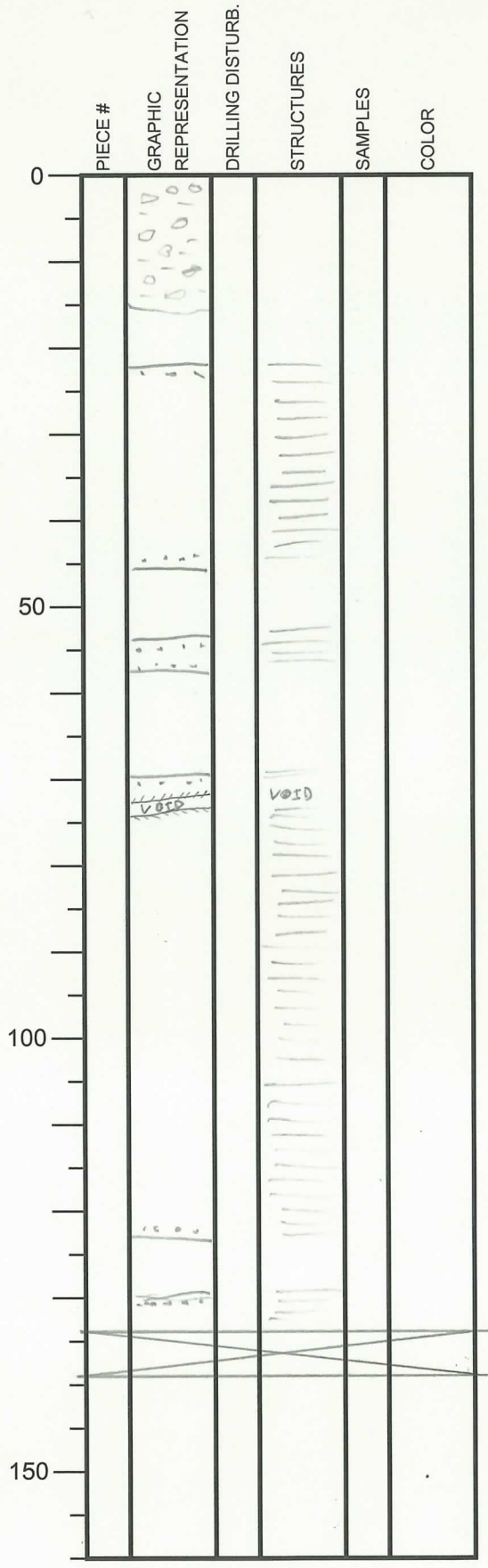
28-35 + 38-44) FS - graded at the top.
↳ void from 35 to 38.

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: X9
SECTION: 1
OBSERBER: DJ



SECTION DESCRIPTION

(dark) olive gray
silty clay - clayey silt
& dark gray silt to fine sand (dominant)
laminae / thin beds:
20-40 fine sand
40-46 silt
46-53 no laminae (silty clay only)
53-57 silt
57-72 no laminae
72-90 silt
90-100 few silt laminae
100-124 silt
124-129 no laminae
129-134.5 silt

134.5-139.5 358 AIWR (WR sample)

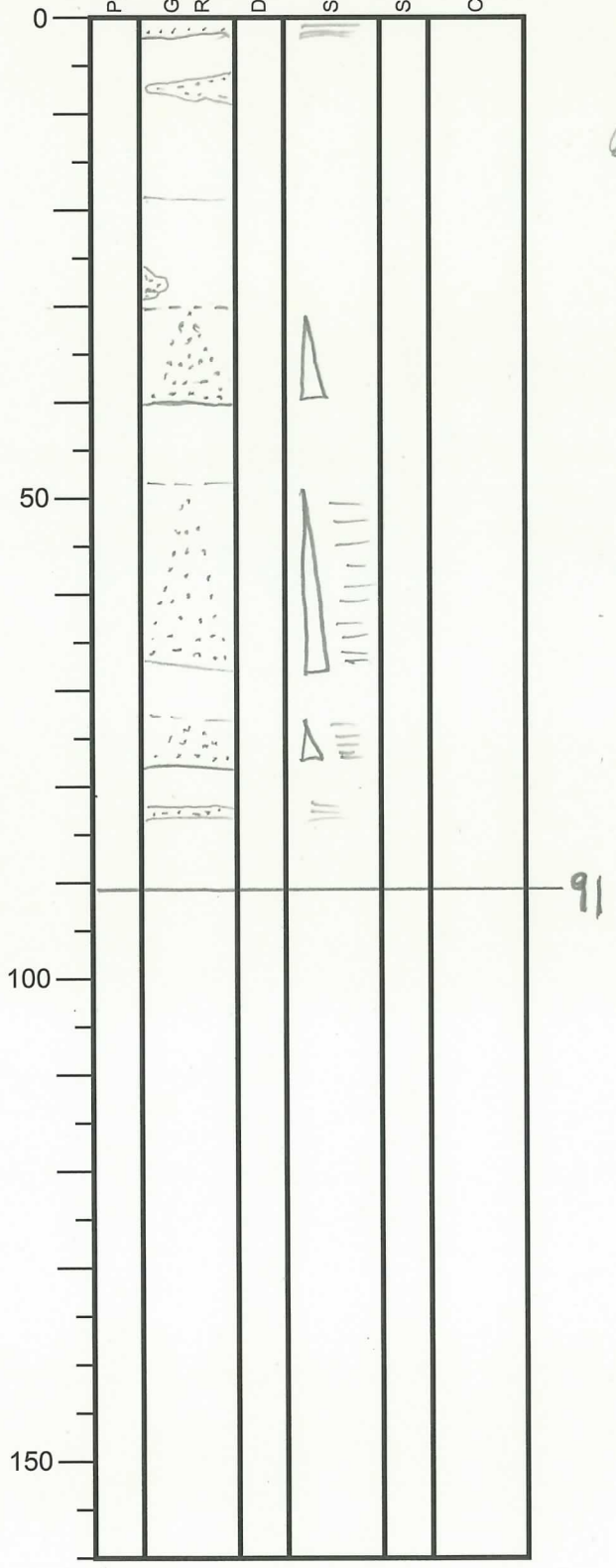
cuttings in clayey-silty matrix from 0-15 cm

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: 9X
SECTION: 2
OBSERBER: DJ



SECTION DESCRIPTION

dark gray silt & (clayey) silt
& dark olive gray silty clay / clayey silt
graded & gently laminated silt / clayey silt beds in clay / silty clay

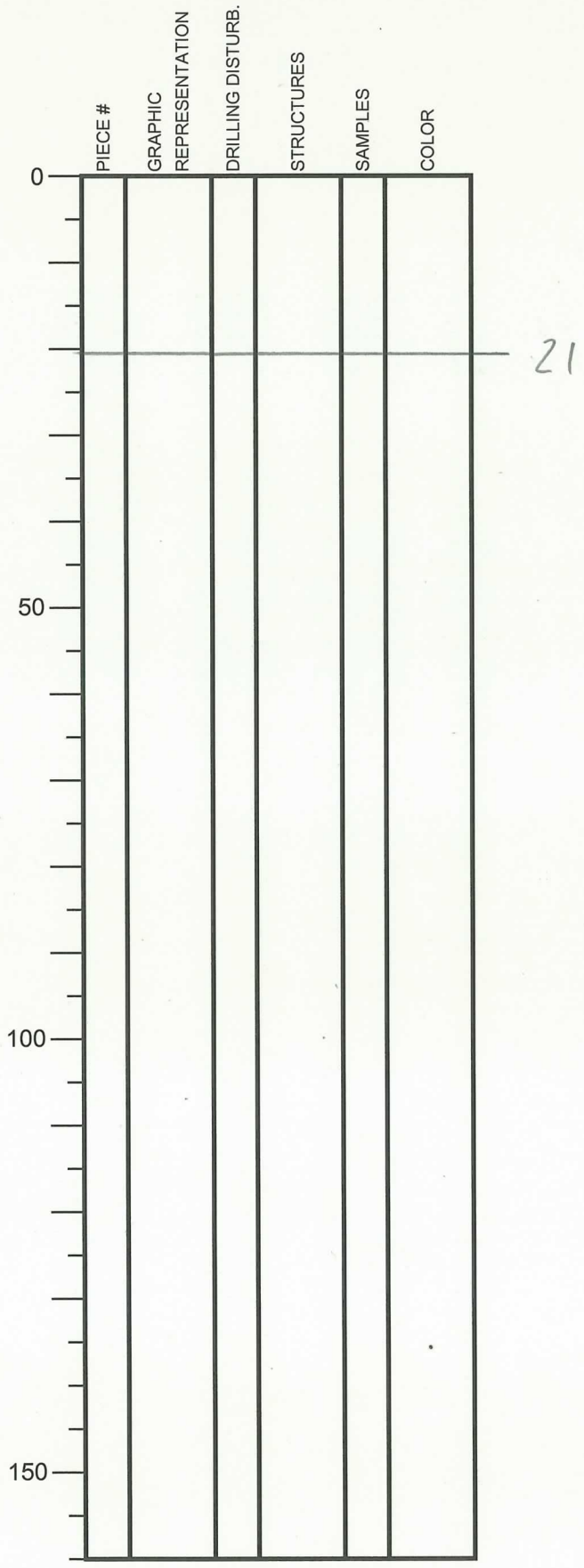
0-2 silt-(fine sand), internally laminated
7-9 silt
30-40 silty, graded
49-67.5 silt, laminated & graded
73-78 silt, laminated & graded
87-91 silt, graded

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-24
EXP.: 358
SITE/HOLE: C0024 G
CORE: 9X
SECTION: 3
OBSERBER: DJ



SECTION DESCRIPTION

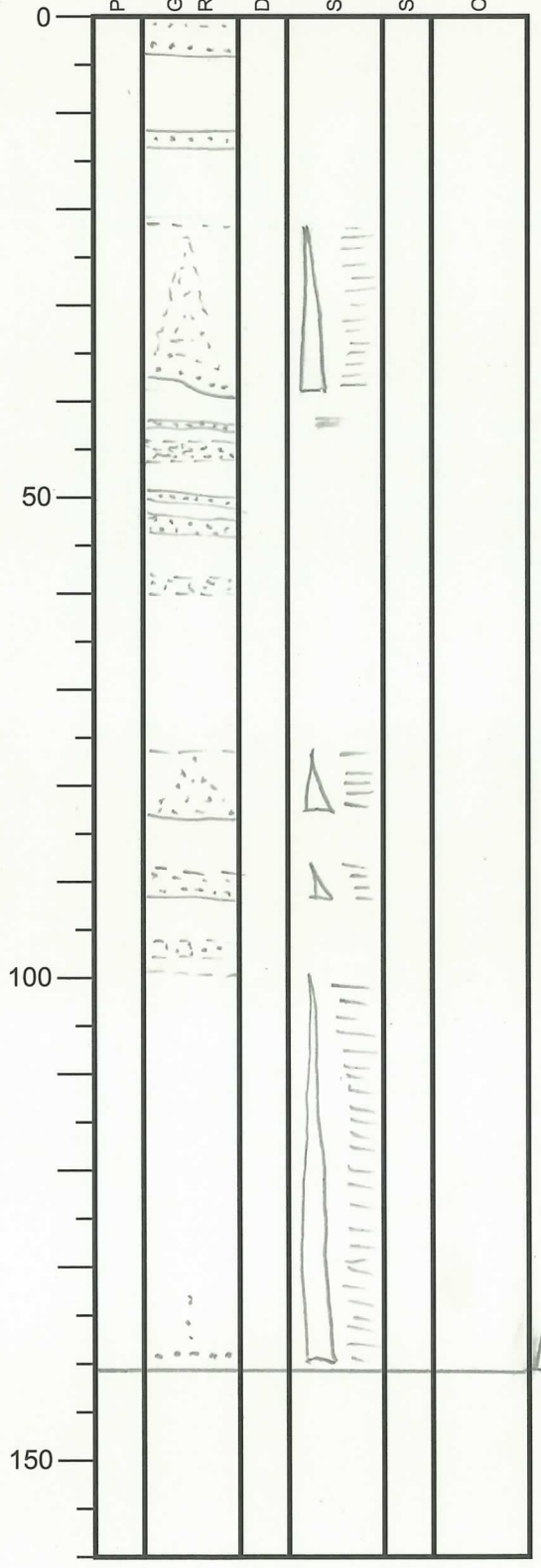
0-21 all to IW

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: 9X
SECTION: 4
OBSERBER: DJ



SECTION DESCRIPTION

dark gray
silt - fine sand

dark olive gray silty clay - clayey silt

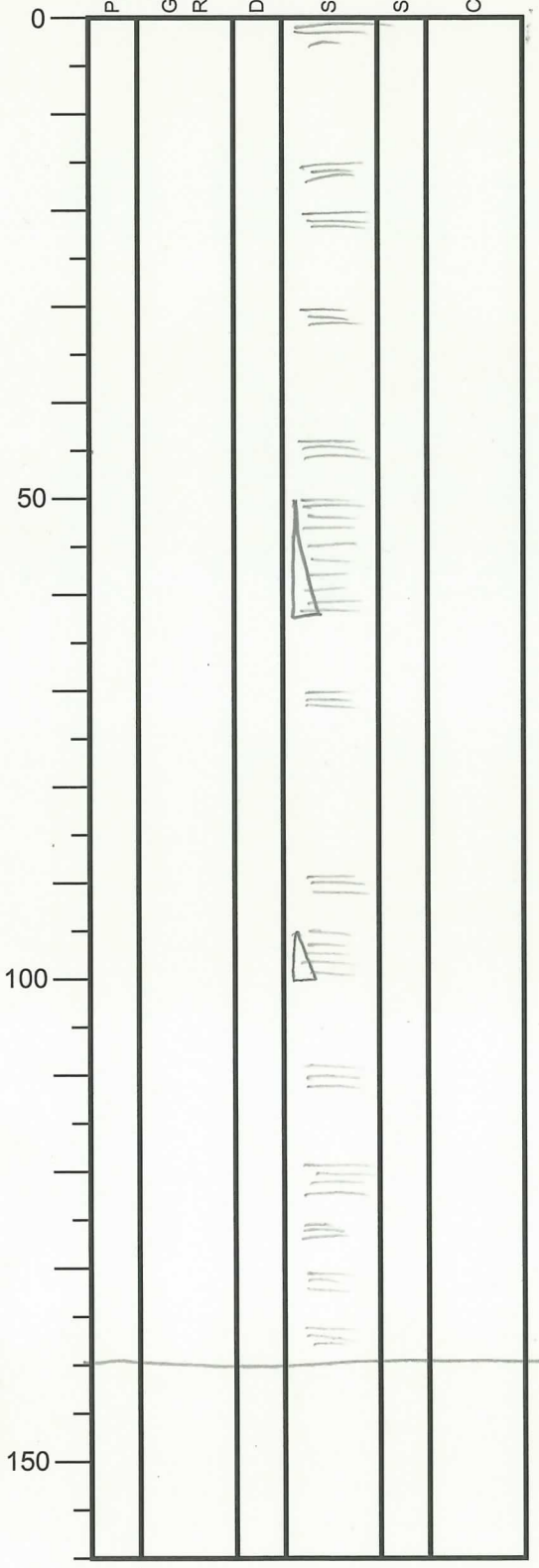
0-4 fine sand
13-14.5 silt
22-38 silt - fine sand, laminated & slightly graded
44-46 dark brown - black silt - fine sand (grains largely opaque or covered with opaque material)
49-50 fine sand - silt
53-54 silt
58-60 silt
76-83.5 fine sand, laminated, slightly graded
88-92 - " -
96-97 silt
100-140.5 fine sand, laminated

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: 9X
SECTION: 5
OBSERBER: DJ



SECTION DESCRIPTION

olive gray
silty clay / clayey silt

laminated / interbedded
with gray silt & fine sand

silt - sandy silt >1cm at:

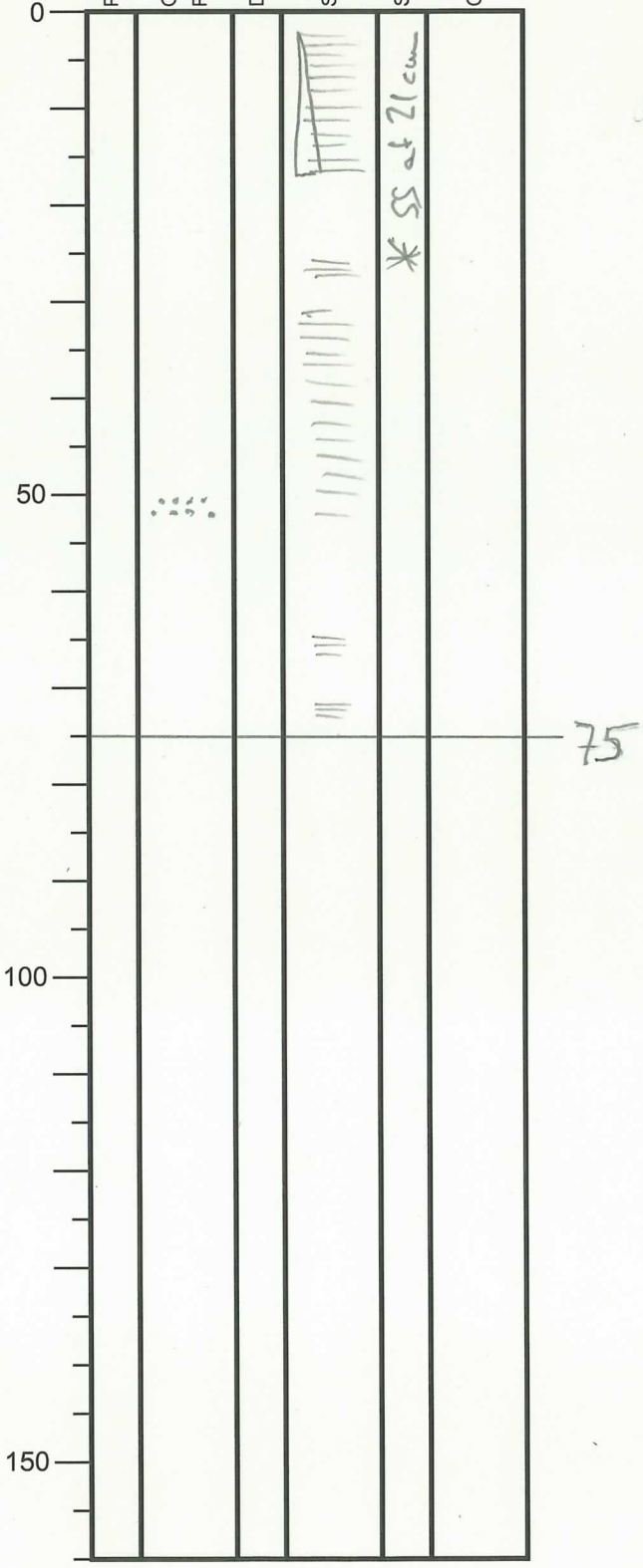
0-2
15-16 } sandy silt
20-21
31.5-33 silt
44.5-46 silt
49-63 sandy silt to silt, graded
70-71 silt
90-92 sandy silty
96-103 sandy silt, graded
108.5-111 silt
118-121 sandy silt
126.5-127.5 silt
131-132 silt
132.5-134 silt

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: 9X
SECTION: 6
OBSERBER: TJ



SECTION DESCRIPTION

olive gray silty clay – clayey silt & dark gray silt to silty sand (~equal proportions)

2-17.5 silty sand/sandy silt, graded, internally laminated

26-27 silt

30-55.5 silt, laminated, silty sand layer at base

66.5-68 silt laminae

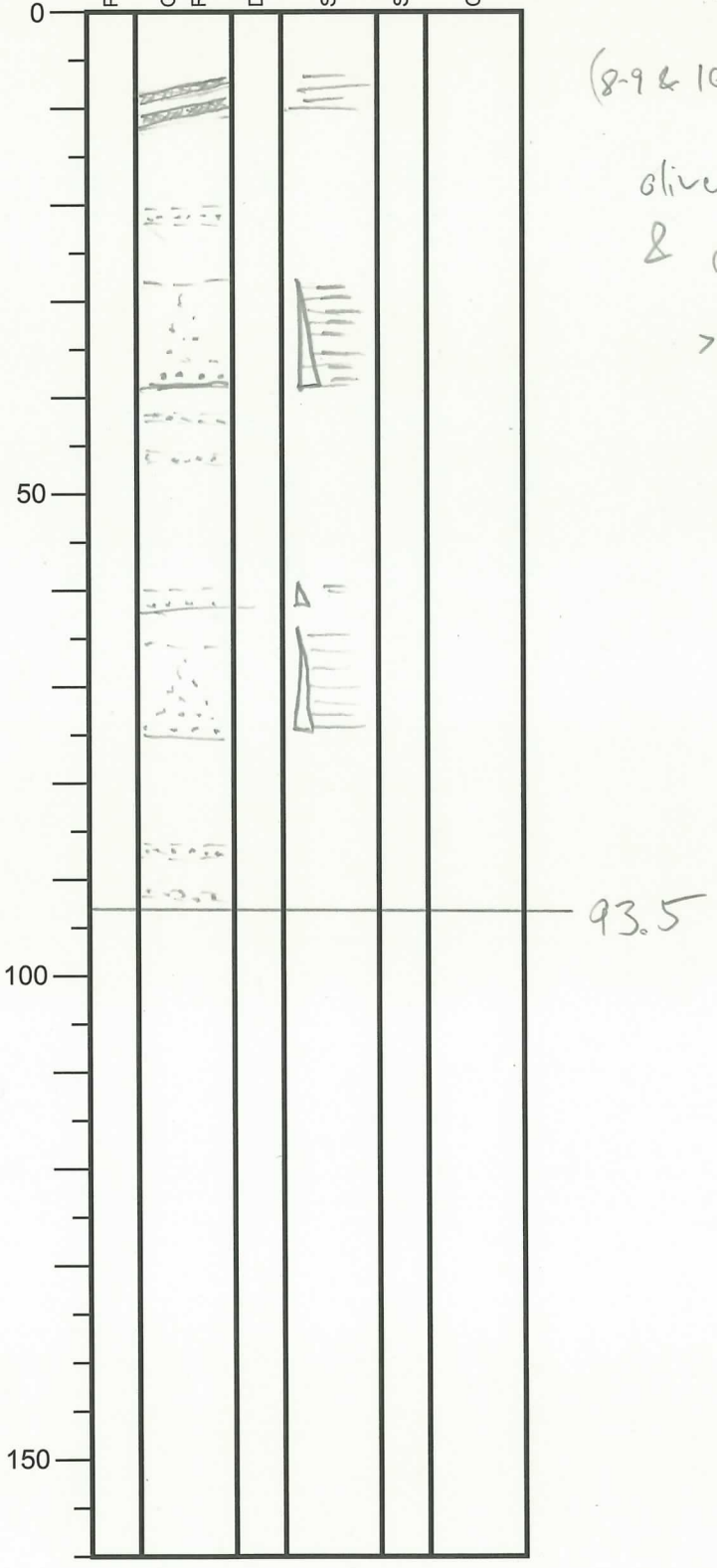
71-73 sandy silt

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / / 20 19-03-24
EXP.: 358
SITE/HOLE: C0024 G
CORE: 9X
SECTION: 7
OBSERBER: D



SECTION DESCRIPTION

(8-9 & 10-11 v.dark gray/black silt beds)

olive gray silty clay - clayey silt & dark gray silt to sandy silt

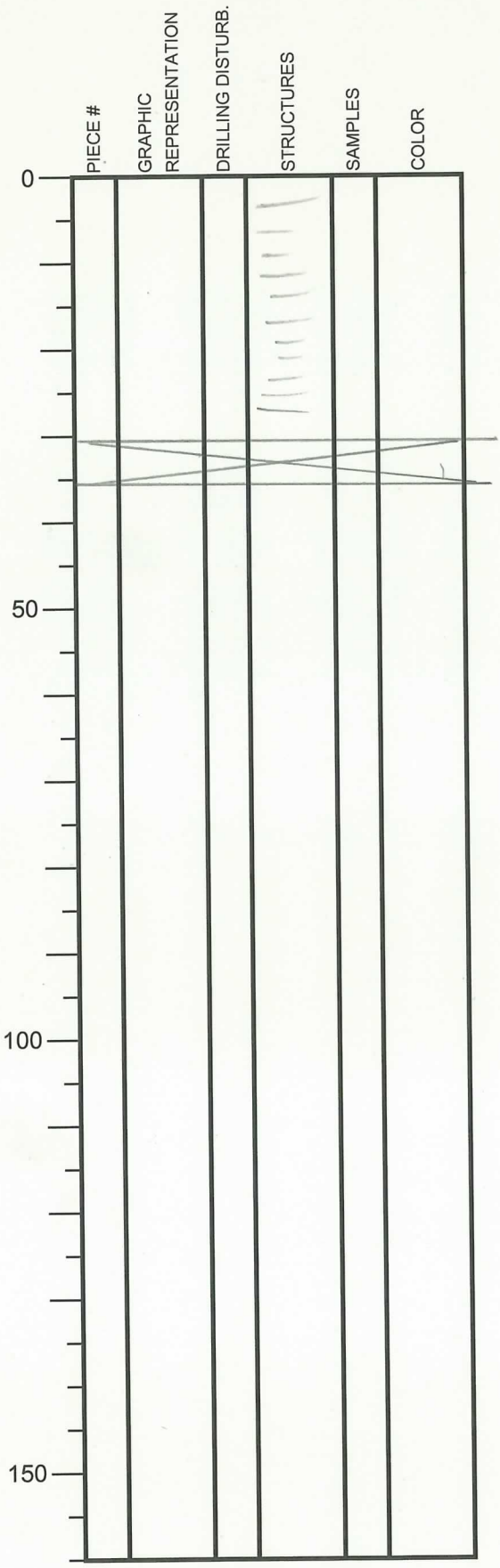
>1cm at: 8-11 (silt)
13-15 (sandy silt)
21-23 (silt)
28-38 (graded & laminated)
42-43 (silt)
45-46 (silt)
60-63 (graded, sandy silt)
65-74 (silt to sandy silt, graded, laminated)
86-87 } silt
92-93 }

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-24
EXP.: 358
SITE/HOLE: C0024G
CORE: 9X
SECTION: CC
OBSERBER: D



SECTION DESCRIPTION

olive gray silty clay / clayey silt & gray silt - fine sand interbedded / laminated

30.5-35.5 PAL (WR sample)

drilling disturbance

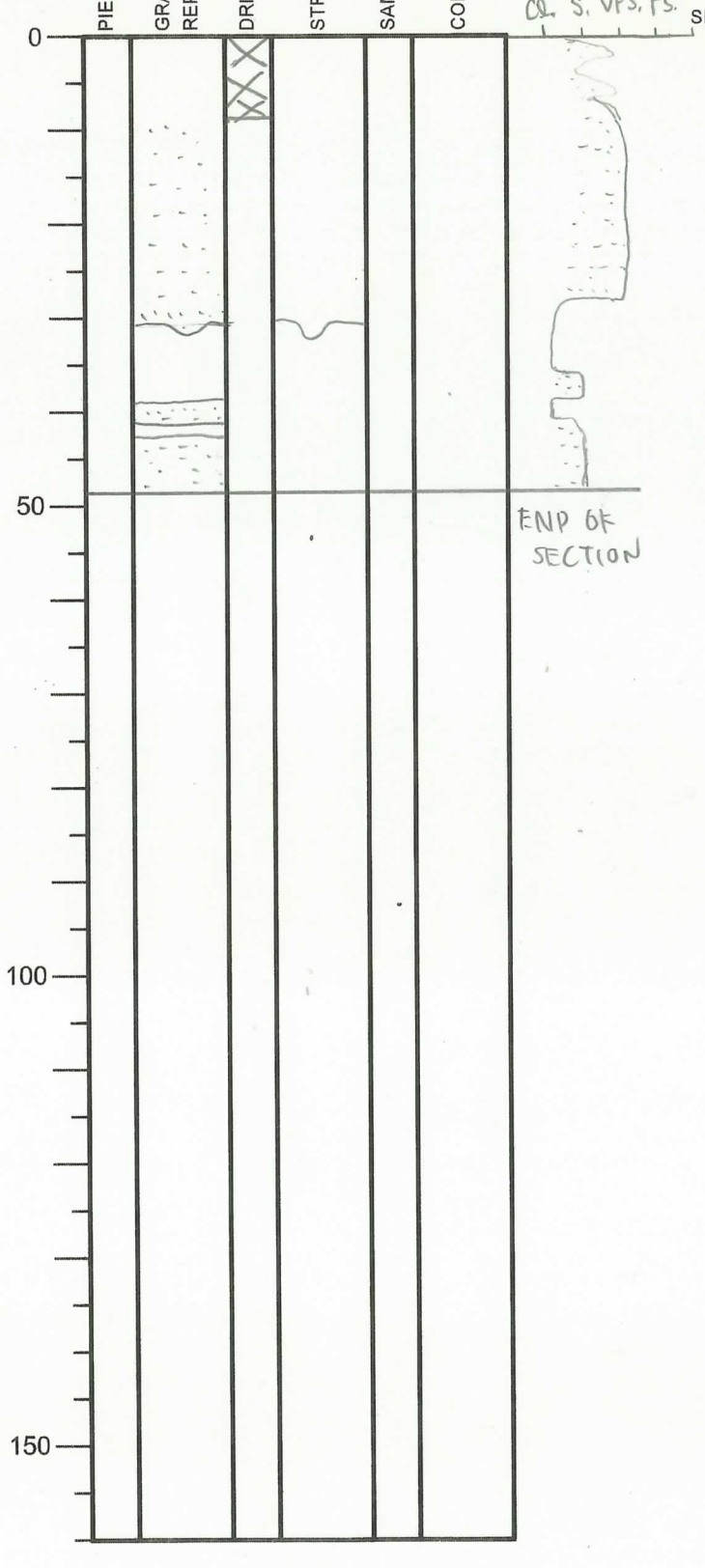
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: 1A
TOP DEPTH (m CSF):

OBSERBER: MH

0-49: Dark olive gray SILTY VERY FINE SAND INTERBEDDED WITH SILTY CLAY



14-32: Silty very fine sand.

@ 32: Load structure(?) or erosional boundary at base

38.5-41: Silt

42-49: Silt.

(Background: silty clay)

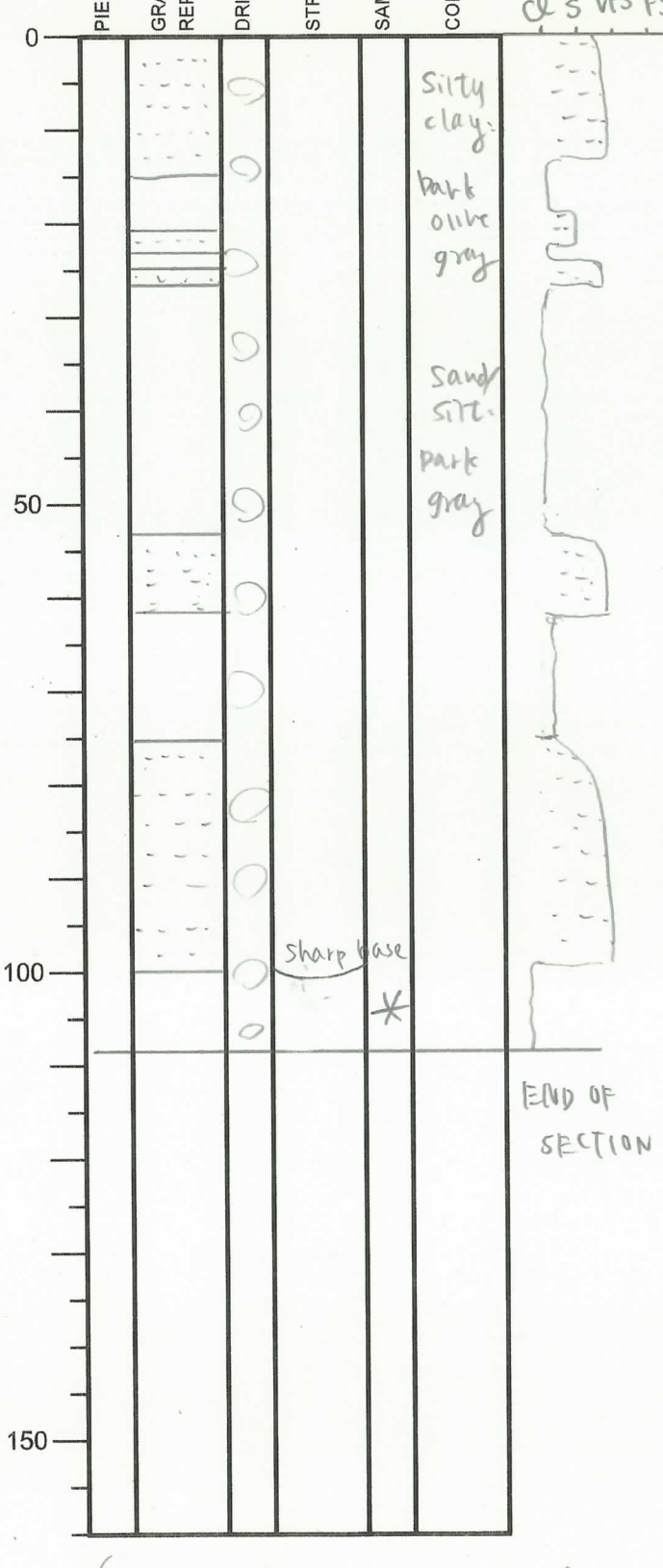
International Ocean Discovery Program

Visual Core Description

0-108 : Dark olive gray SILTY VERY FINE SAND AND SILTY CLAY (INTERBEDDED)

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: 2A
TOP DEPTH (m CSF):

OBSERBER: MH



0-14.5 : silty very fine sand

22-23.5 : silt

25-27 : Silty very fine sand.

53-62.5 : Silty very fine sand.

62.5-76 : Interlayer (thin <1cm) of silt and silty clay

76-102 : Very fine sand sharp base.

·X· Sand is mica-rich.

(Back ground : silty clay)

* (SS) : 104 cm

(Slightly Biscuited throughout)

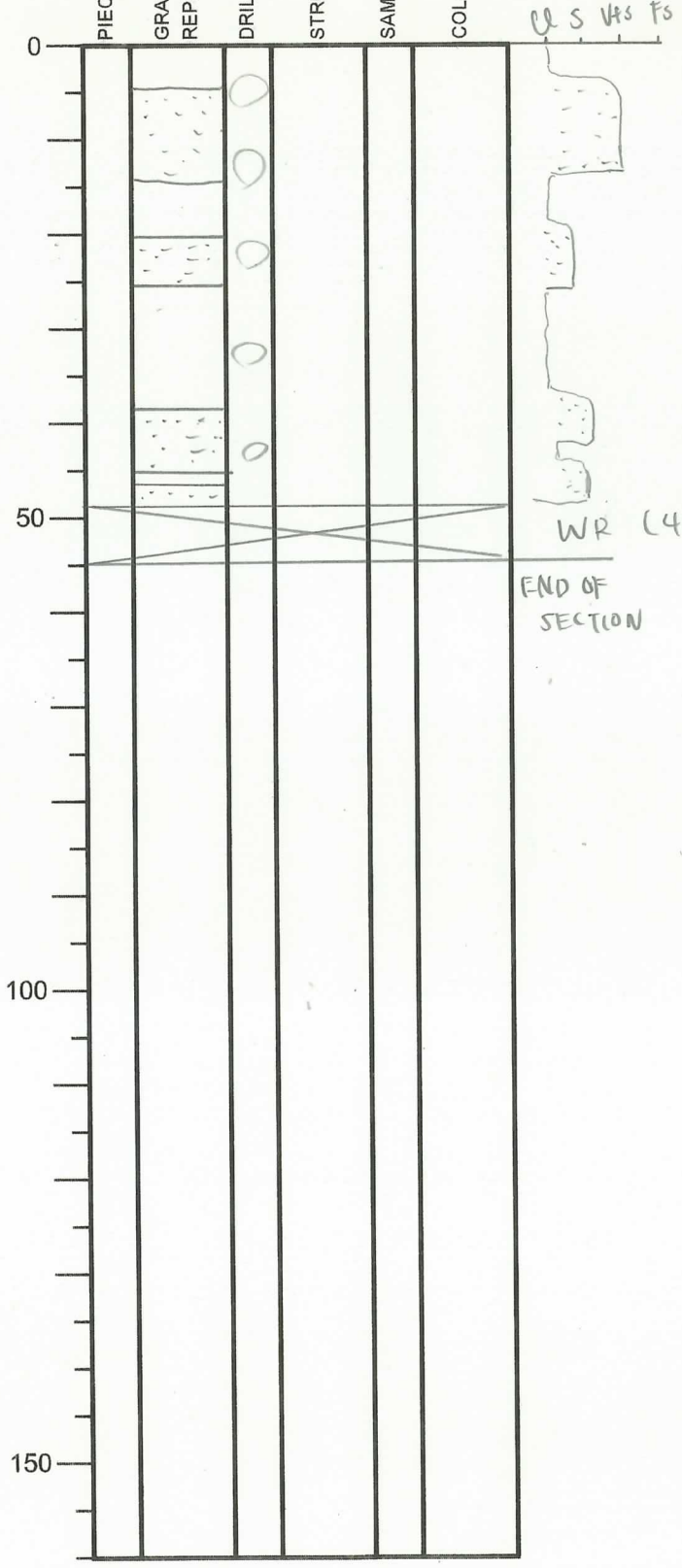
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: 3A
TOP DEPTH (m CSF):

OBSERBER: MH

0-50: Dark olive gray SILTY CLAY AND SILTY VERY FINE SAND, INTERBEDDED



3-14: VERY FINE SAND

21.5-26: Silt
(27: white bits ~mm of sponge spicule)

38-46: Silt to v.f.s.

47-50: Silt to v.f.s.

★ Sand is mica-rich.

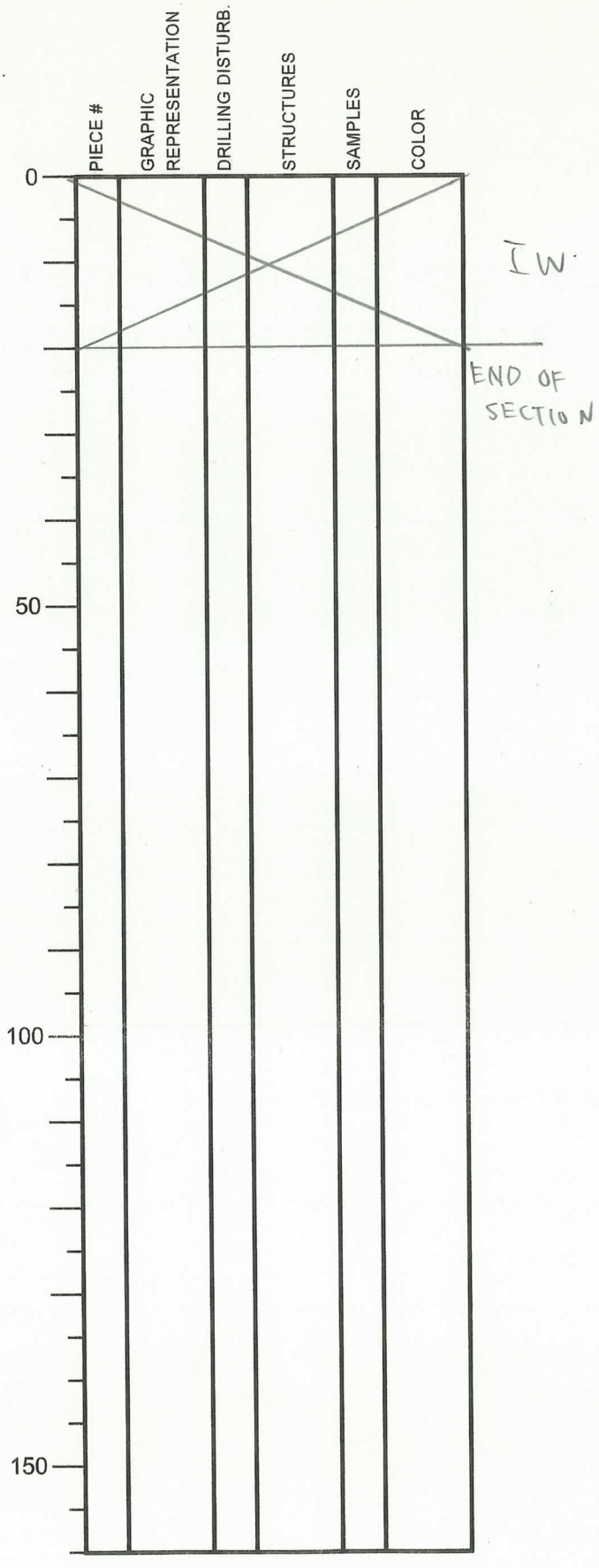
(Background: Silty clay)

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: 4A
TOP DEPTH (m CSF):

OBSERBER: MH



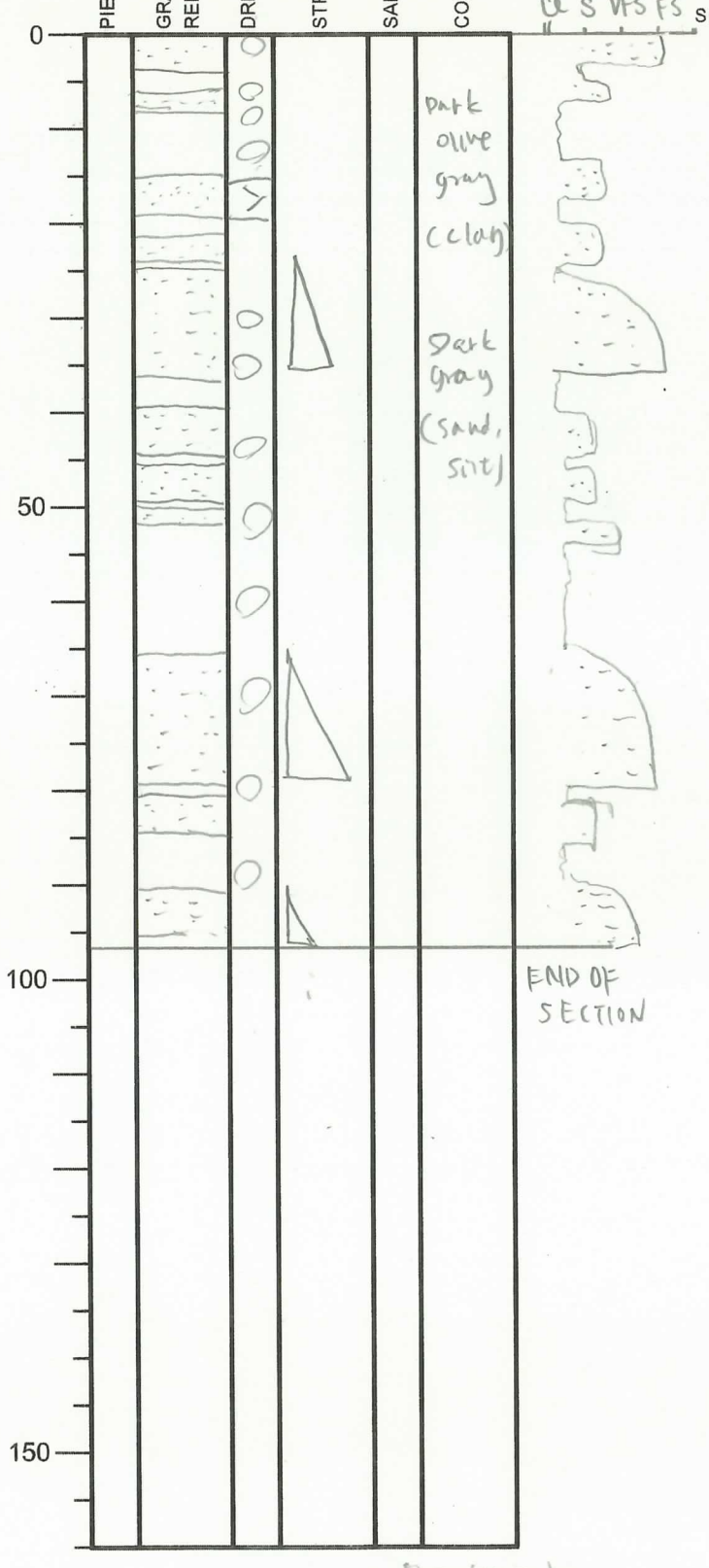
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 10X
SECTION: 5A
TOP DEPTH (m CSF):

OBSERBER: MH

0-97: Dark olive gray SILTY CLAY AND VERY FINE TO FINE SAND, INTERBEDDED



0-3.5 : Fine sand.

7-8 : Silt

15-18 : Silt, (interlayered by thin ~mm clay)

22-23.5 : Silt

24.5-37 : Normal graded, very fine to fine sand. sharp base.

39-43 : Silt

45-47 : Silt

48.5-52 : Very fine sand.

66-79 : Normal graded, very fine to fine sand.

81-83 : Silt

91-97 : Graded (normal) silt to very fine sand. (interlayers of <1cm of silt at top)

27-30 : Gas expansion? fracture by

(Background : Silty clay)

VCD_sheet_160629

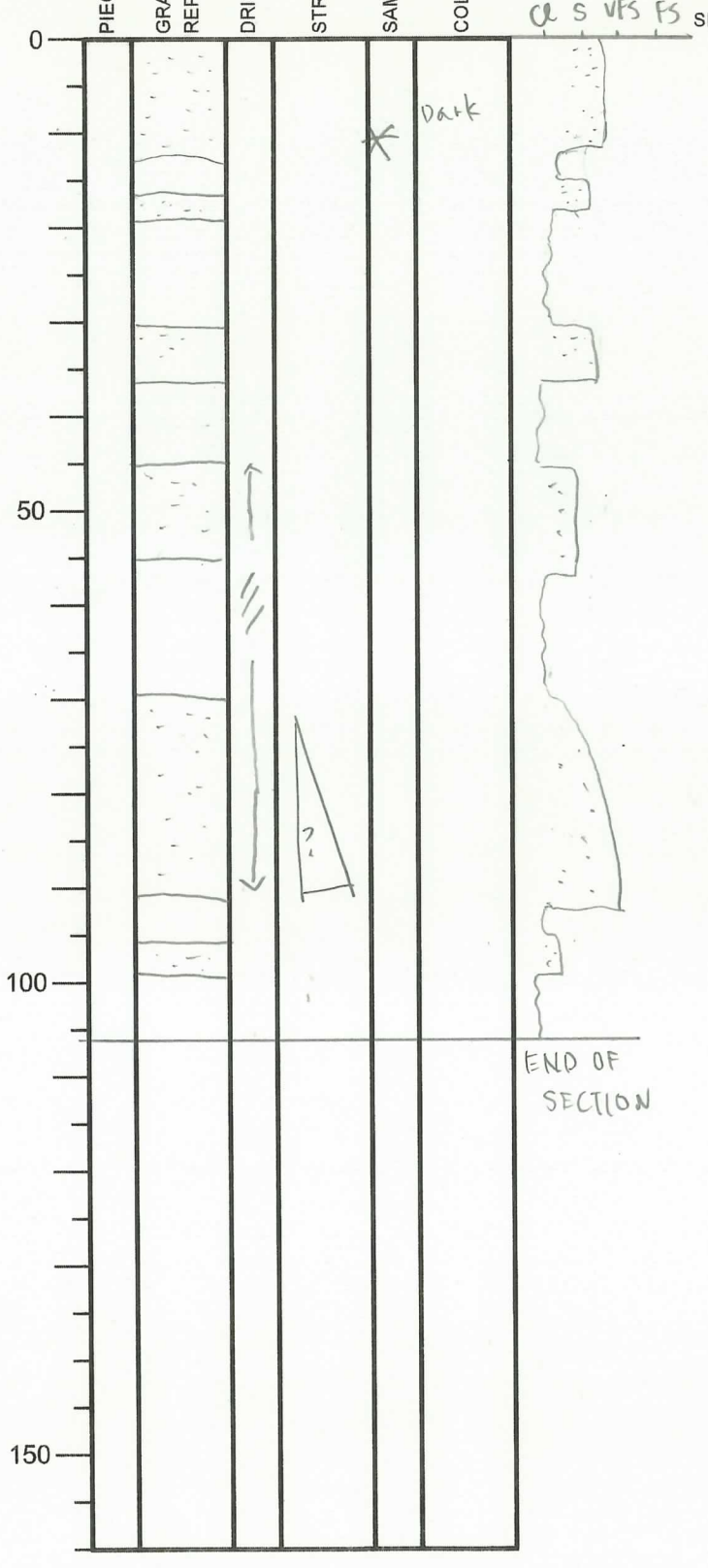
International Ocean Discovery Program

Visual Core Description

0-107: Dark olive gray SILTY CLAY AND SILT TO FINE SAND, INTERBEDDED.

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: 6A
TOP DEPTH (m CSF):

OBSERBER: MH



0-13: Very fine sand ~ Silt

17-18: Silt

31-37: Silt - very fine sand

46-55: Silt

69-91: (Normal graded? Gradational)
Silt to fine sand
(80-87: coarser)

96-97: Silt.

* (SS) : 11cm

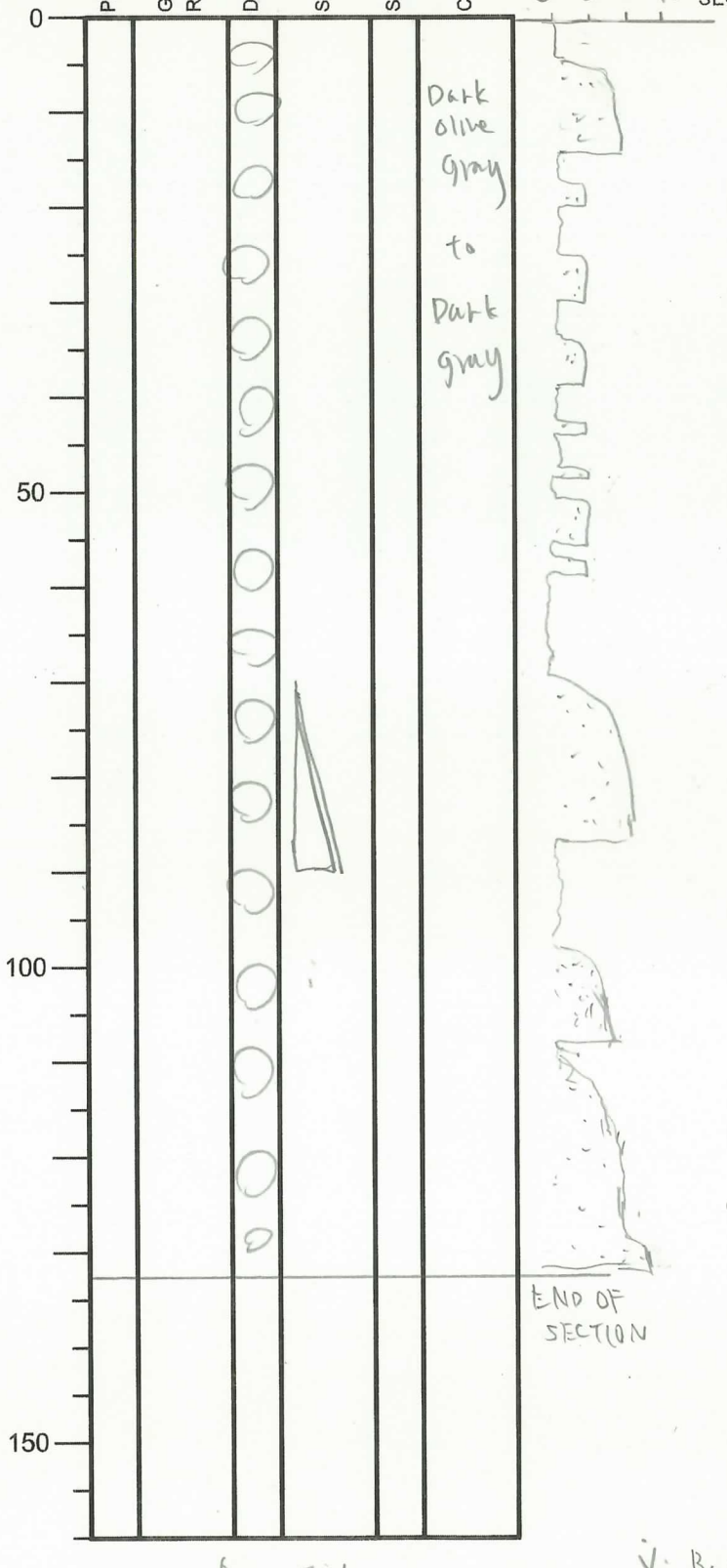
(Background is Silty Clay)

International Ocean Discovery Program

Visual Core Description

NO. 2503
DATE: / / 20 (9
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: 7A
TOP DEPTH (m CSF):
OBSERBER: MH

0-134.5 : Dark olive gray SILT, SILTY CLAY, AND VERY FINE SAND, INTERBEDDED



Biscuited throughout

5-13 : Silty very fine sand

18-20: Silt

27-31 : Silt

34-39 : Silt

43-44 : Silt

49-50 = Silt

52-57 : Silt

58-60 : Silt

70-89 : Silt to very fine sand. Sharp base. Gradationally normal graded. (Interlayered with thin <1cm clay)

99-109 : Silt to v f.s (Biscuited, partly interlayered by clay)

110-135 : Silt to very fine sand (interlayered by mm thin clay) Especially coarser @ 133-135

* Back ground is Silty clay

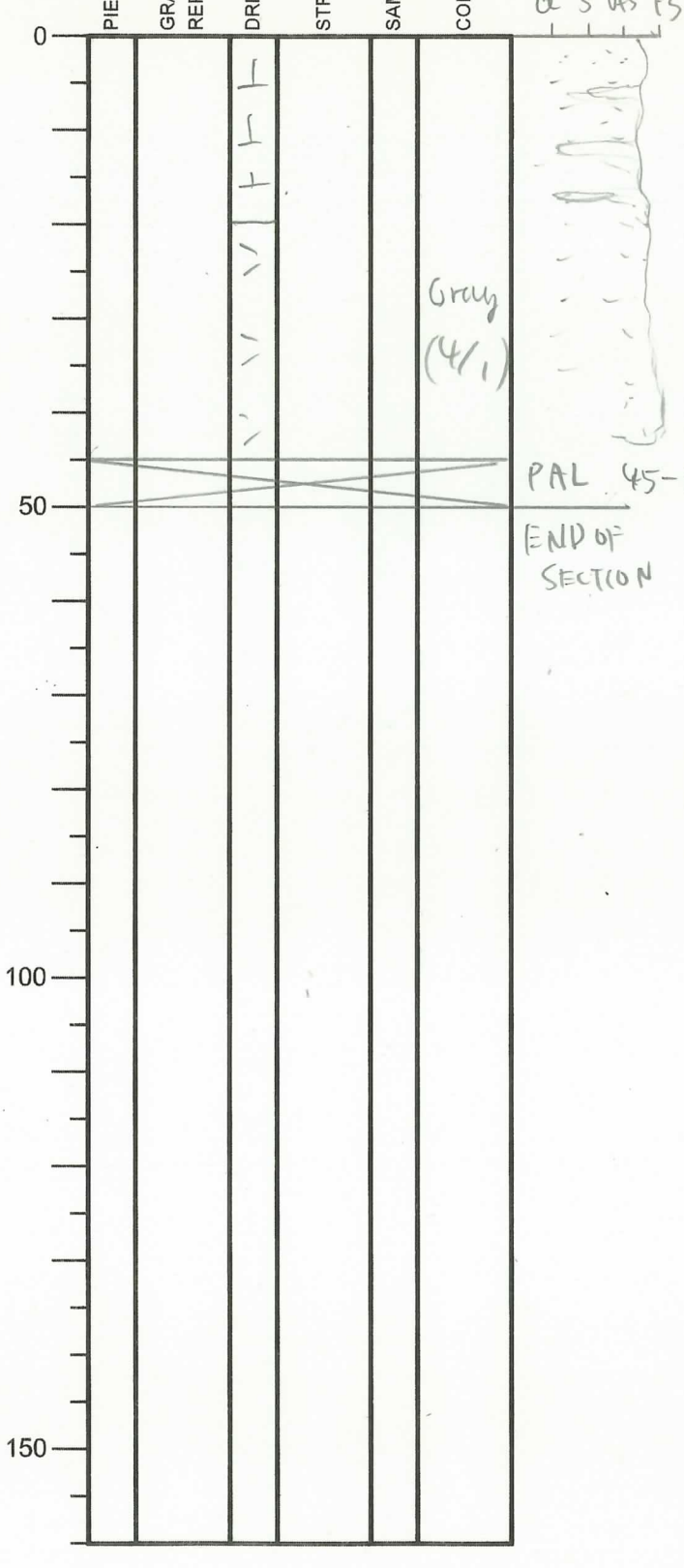
International Ocean Discovery Program

Visual Core Description

0-45 = Gray
VERY FINE TO FINE SAND

NO. 25 03
DATE: / /20 19
EXP.: 358
SITE/HOLE: C0024G
CORE: 10X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: MH



0-45: VERY Fine to Fine sand.
(occasionally biscuited and interlayered by clay)

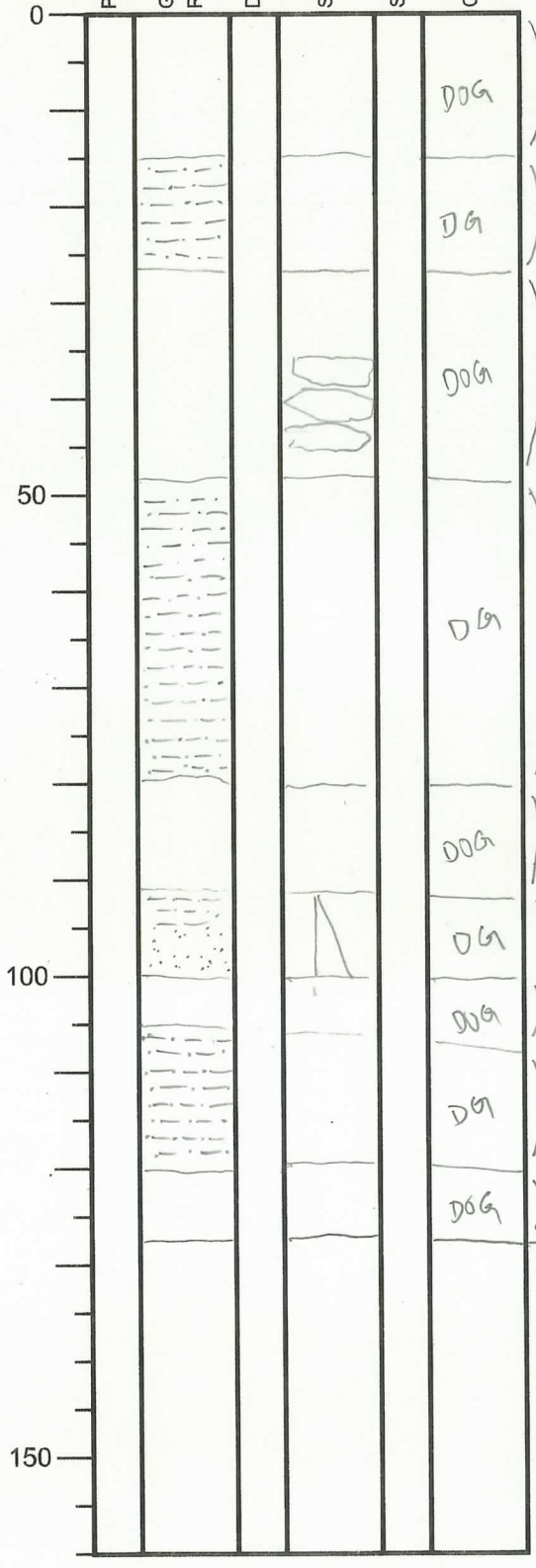
Crumbly sand 20-45

International Ocean Discovery Program

Visual Core Description

0 - 128.5 : silty clay with interbedded silt layers

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: G (C0024G)
CORE: 11 X
SECTION: 1
TOP DEPTH (m CSF):
OBSERBER: AD



DG : Dark grey

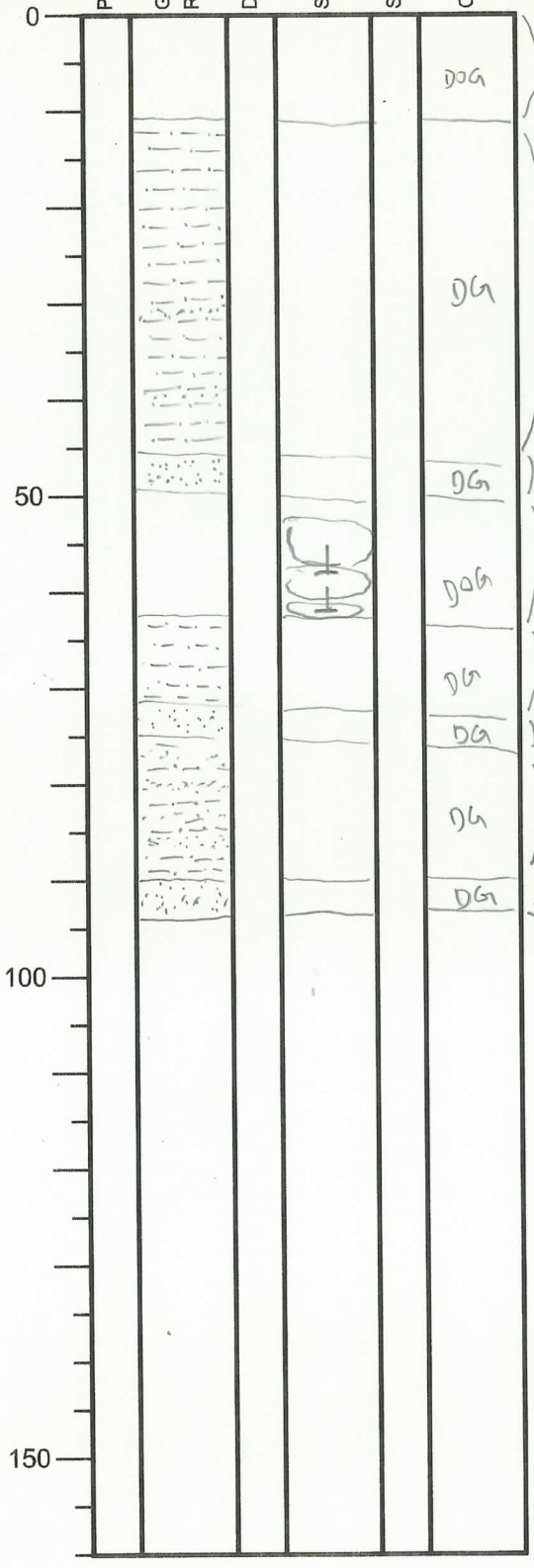
DOG : Dark olive grey

International Ocean Discovery Program

Visual Core Description

0-94 cm: interbedded silt and silty clay

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: G (C0024G)
CORE: 11x
SECTION: 2
TOP DEPTH (m CSF):
OBSERBER: AD



SECTION DESCRIPTION

0-16	silty clay, unsharp base
16-46	Silt with some variations to silty fine sand (beds ~0.5 cm) unsharp base
46-50	Very fine sand, sharp base
50-63	silty clay, sharp base
63-72	Silt, unsharp base
72-75	very fine sand, unsharp base
75-90	interbedding of 1-3 cm thick silt and silty sand layers, unsharp base
90-94	very fine sand

94: End of section

53-61: biscuits + moderately fractured

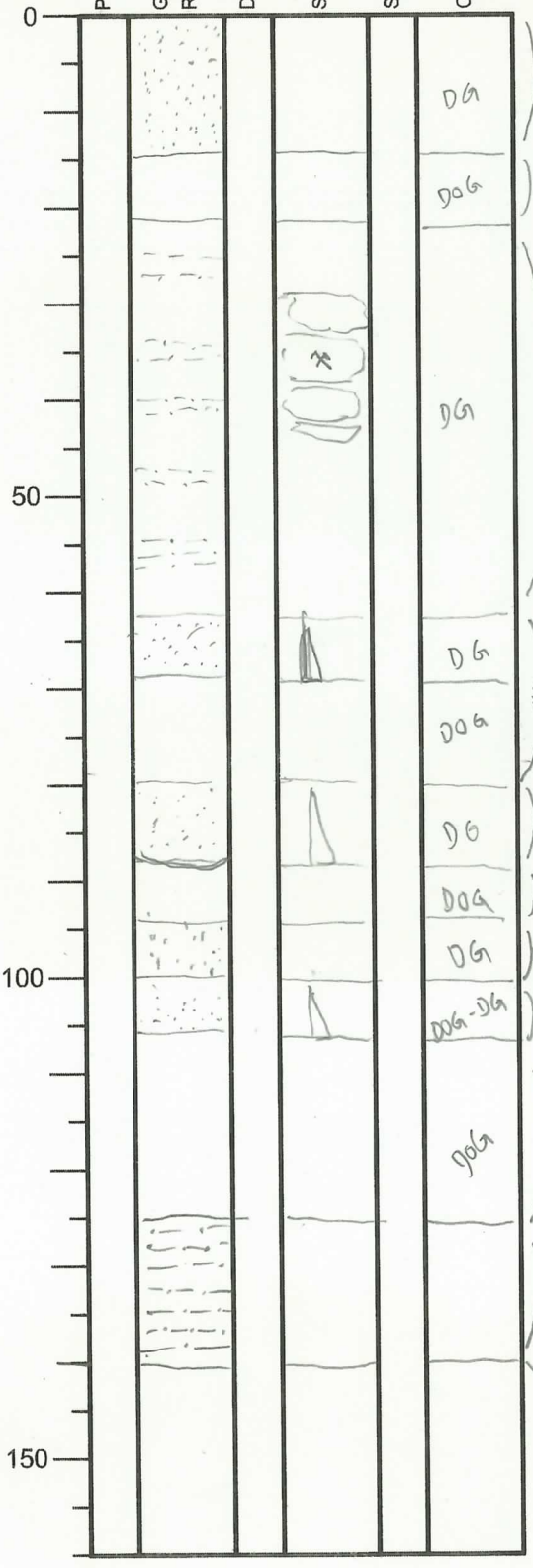
DG: Dark grey
DOG: Dark olive grey

International Ocean Discovery Program

Visual Core Description

0-140 cm: Interbedded silty clay, silt and silty sand

NO.
DATE: 25/03/2019
EXP.: 378
SITE/HOLE: G (C0024G)
CORE: 11X
SECTION: 4
TOP DEPTH (m CSF):
OBSERBER:



SECTION DESCRIPTION

0-15 Very fine sand, sharp base

15-22 silty clay, unsharp base

22-62 Interbedded silt and silty clay, unsharp transition, ~1-2 cm thick beds
37 cm: microfossils (spicules)
28-46 biscuits

62-68.5 graded very fine to silty sand, sharp base

68.5-79 → silty clay

79-87.5 graded very fine sand to silty sand, sharp base

87.5-94 → silty clay, unsharp base

94-100 → silty sand, sharp base

106-106 → graded silty fine sand to silty clay

106-125 → Silty clay with some varying silt content

125-140 → silt

140: End of section

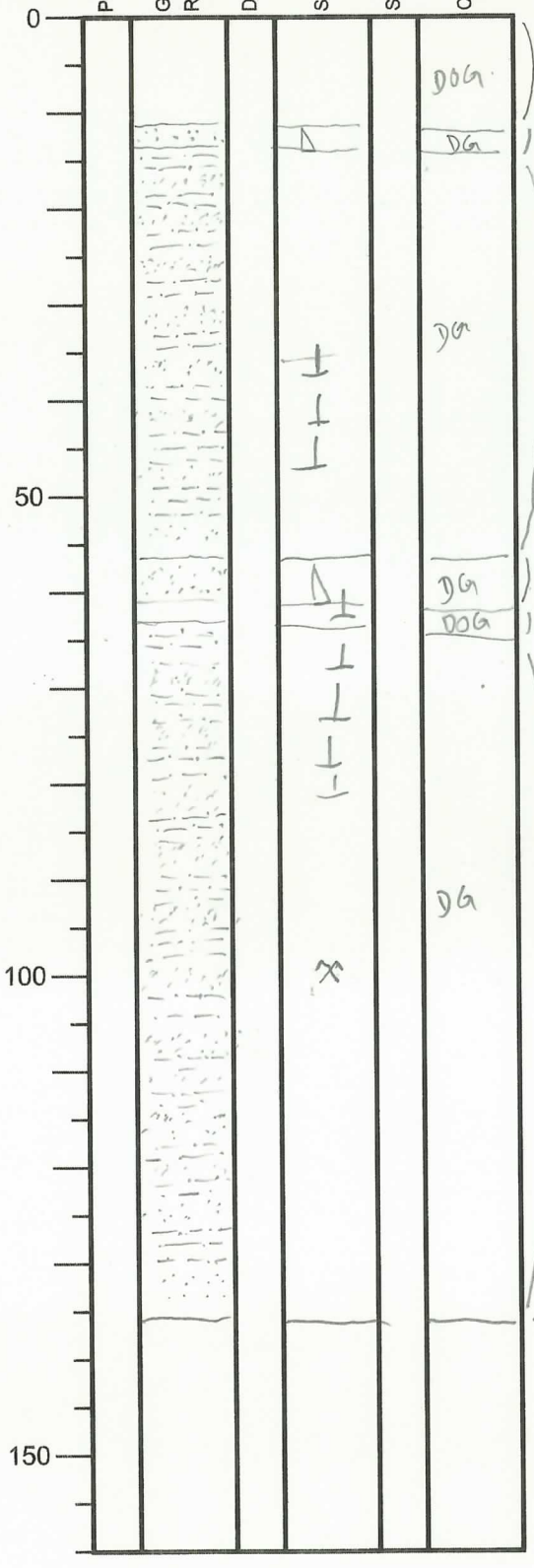
DG: Dark grey
DOG: Dark olive grey

International Ocean Discovery Program

Visual Core Description

0 – 136.5 Mainly silt to very fine sand

NO.
DATE: 25 / 03 / 2019
EXP.: 358
SITE/HOLE: G (2024G)
CORE: 11 X
SECTION: 5
TOP DEPTH (m CSF):
OBSERBER: AD



SECTION DESCRIPTION

0-11 silty clay, unsharp base

11-13 graded silty fine sand, unsharp base

13-56 interbedded silt and silty fine sand, unsharp transitions, 2-3 cm thick layer

36-49: moderately fractured

56-61 graded very fine sand to silty fine sand sharp base

61-64 → silty clay

62-81: moderately fractured

could be interpreted as one sequence of interbedded silt and (silty) fine sand

64-136.5 interbedded silt and very fine sand unsharp transitions, layer ~1-5 cm thick

99 cm → microfossils (spicules)

136.5 End of section

DG = Dark grey
DOG = Dark olive grey

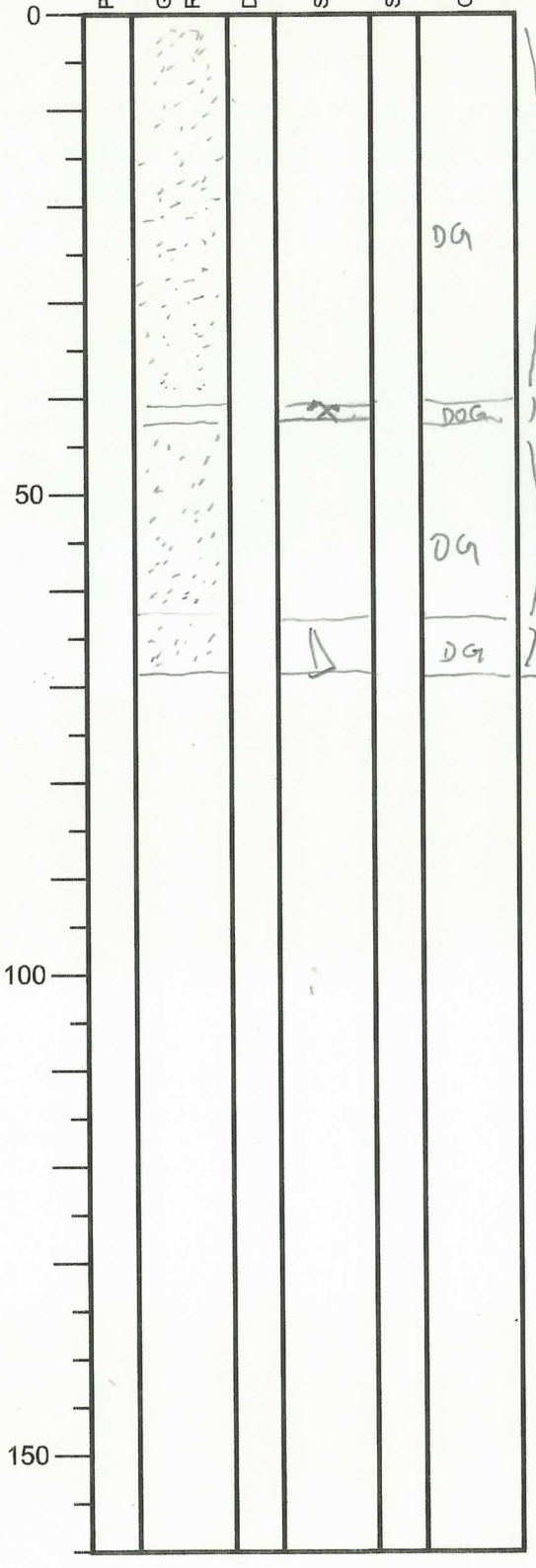
International Ocean Discovery Program

Visual Core Description

0-67 cm: interbedded silty sand/sandy silt and very fine sand
more sandy than silty
few silty clay

NO.
DATE: 25 / 03 / 2019
EXP.: 358
SITE/HOLE: G (C0024G)
CORE: 11 λ
SECTION: 6
TOP DEPTH (m CSF):

OBSERBER: AD



0-41 Silty sand to sandy silt interbedded with very fine sand, unsharp transitions (more sandy than silty)

41-43 Silty clay — 41 cm: microfossils (spicules)

43-62 Silty sand to sandy silt interbedded with very fine sand, unsharp transitions more sandy than silty

62-67 → graded very fine sand

→ 67: End of section

DG: Dark grey

DOG: Dark olive grey

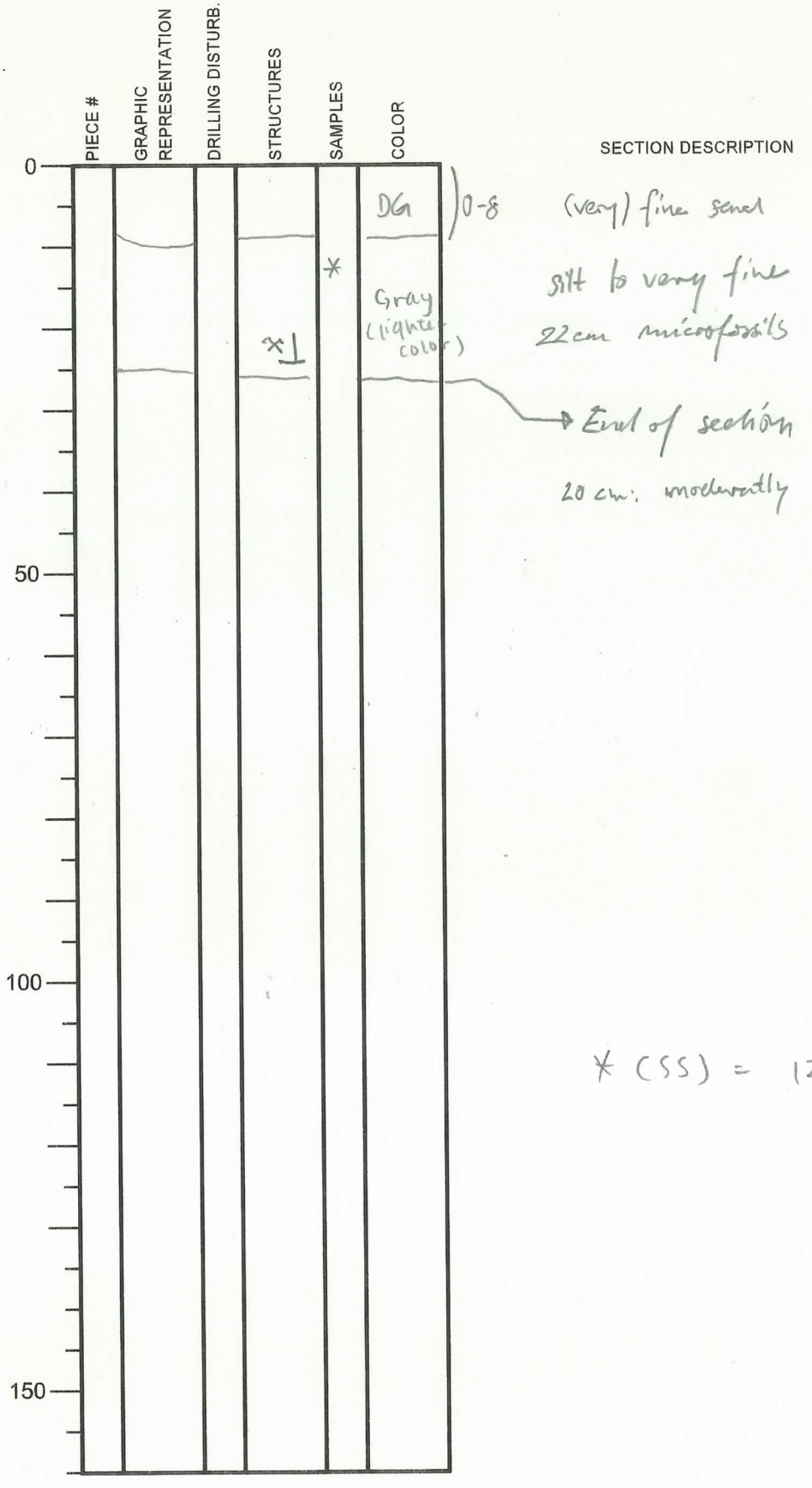
VCD_sheet_160629

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25 / 03 / 2019
EXP. 358
SITE/HOLE: U0024 G
CORE: 11X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: AO



* (SS) = 12.5 cm

DG = Dark grey

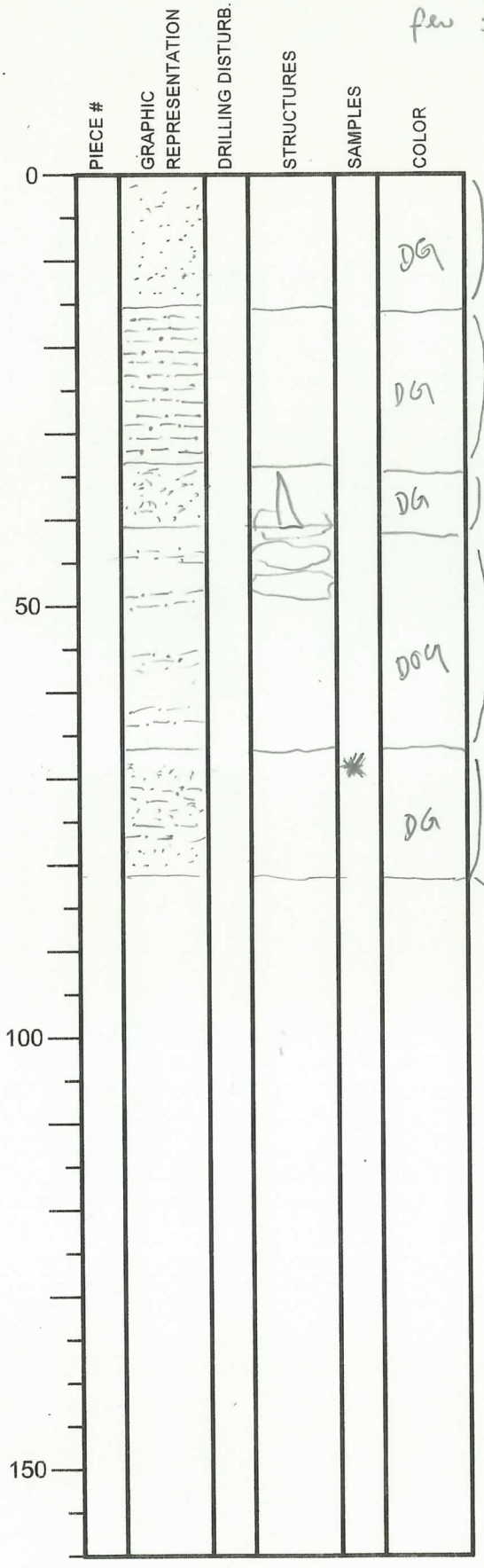
International Ocean Discovery Program

Visual Core Description

0-82: Interbedded silt and silty sand
few silty clay

NO.
DATE: 15 /03/ 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 12
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: AD



SECTION DESCRIPTION

0-15.5 silty fine sand, sharp base

15.5-33.5 silt

33.5-40.5 graded very fine sand to silty fine sand, sharp base

40.5-66 Interbedded silty clay and silt
→ more silty clay than silt
40-50 cm: biscuits

66-82 Interbedded silty sand to sandy silt

82: End of section

* SS: 68 cm

DG: Dark grey
DOG: Dark olive grey

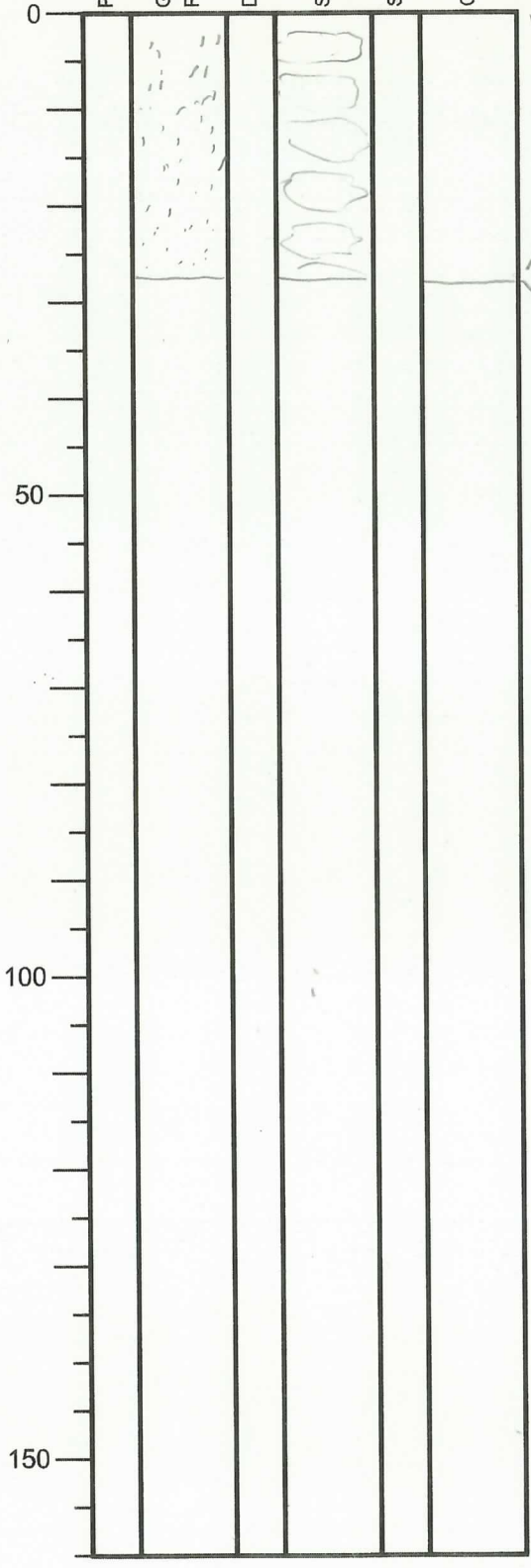
International Ocean Discovery Program

Visual Core Description

0-27.5 silty sand

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: ~~C0024~~ 12X
SECTION: 3
TOP DEPTH (m CSF):

OBSERBER: AO



SECTION DESCRIPTION

0-27.5 silty sand to sandy silt interbedded, varying silt component biscuits

27.5 : End of section

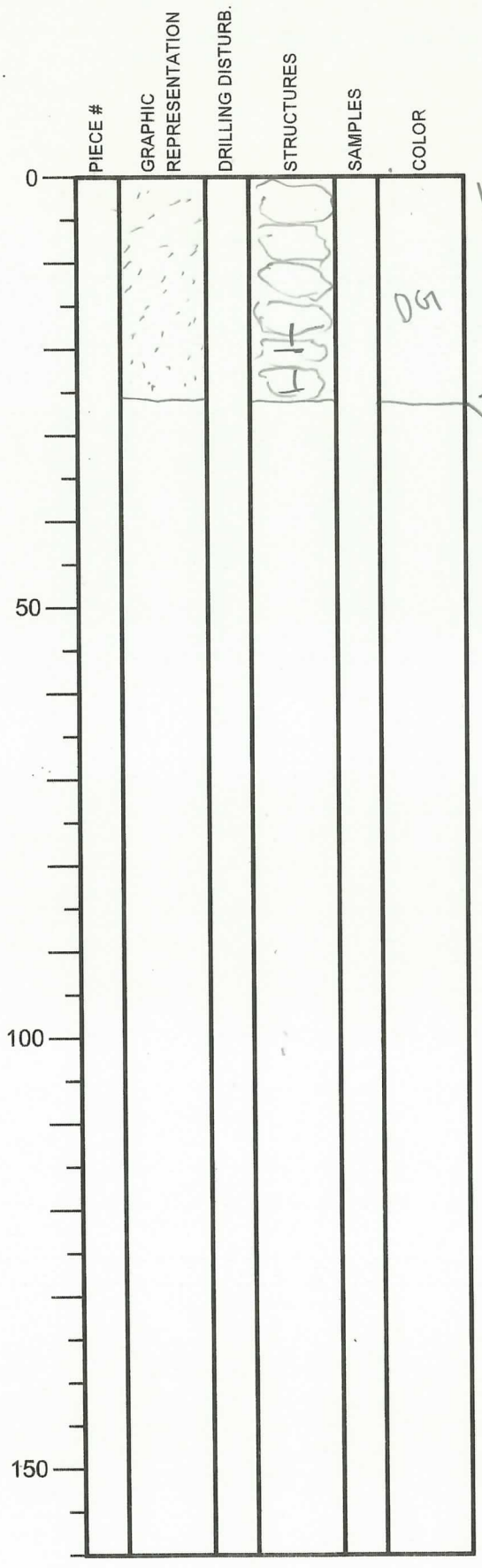
VCD_sheet_160629

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 12X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: AD



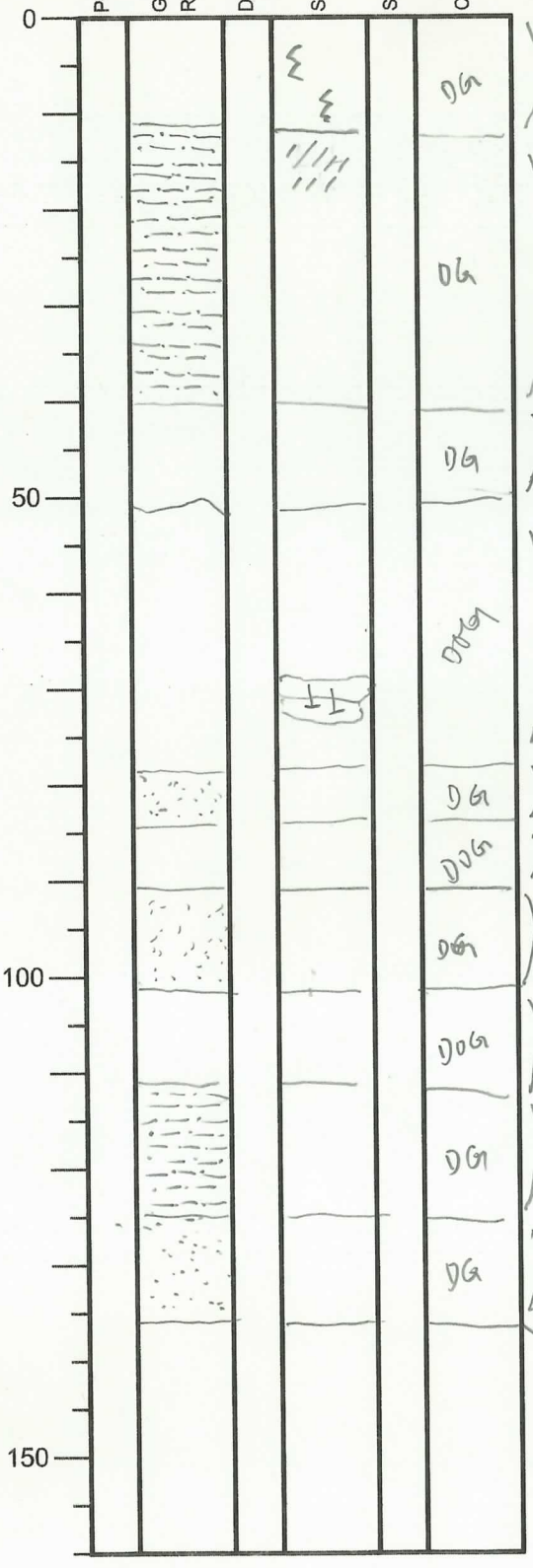
SECTION DESCRIPTION

Interbedded
silty fine sand to very fine sand
biscuits, moderately fractured

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 13X
SECTION: 1
TOP DEPTH (m CSF):
OBSERBER: AD



SECTION DESCRIPTION

0-11 Highly fractured weakly lithified silty clay to silt

11-40 11-16: slightly fractured silt, unsharp base

40-52 silty fine sand, unsharp irregular base

52-79 silty clay, 76-77 biscuits, moderately fractured

79-85 silty fine sand, unclear base

85-91 silty clay

91-102 silty fine sand, sharp base

102-110.5 silty clay

110.5-124 silt to silty fine sand

124-135.5 very fine sand

135.5 End of section

DG = Dark grey

DOG = Dark olive grey

VCD_sheet_160629

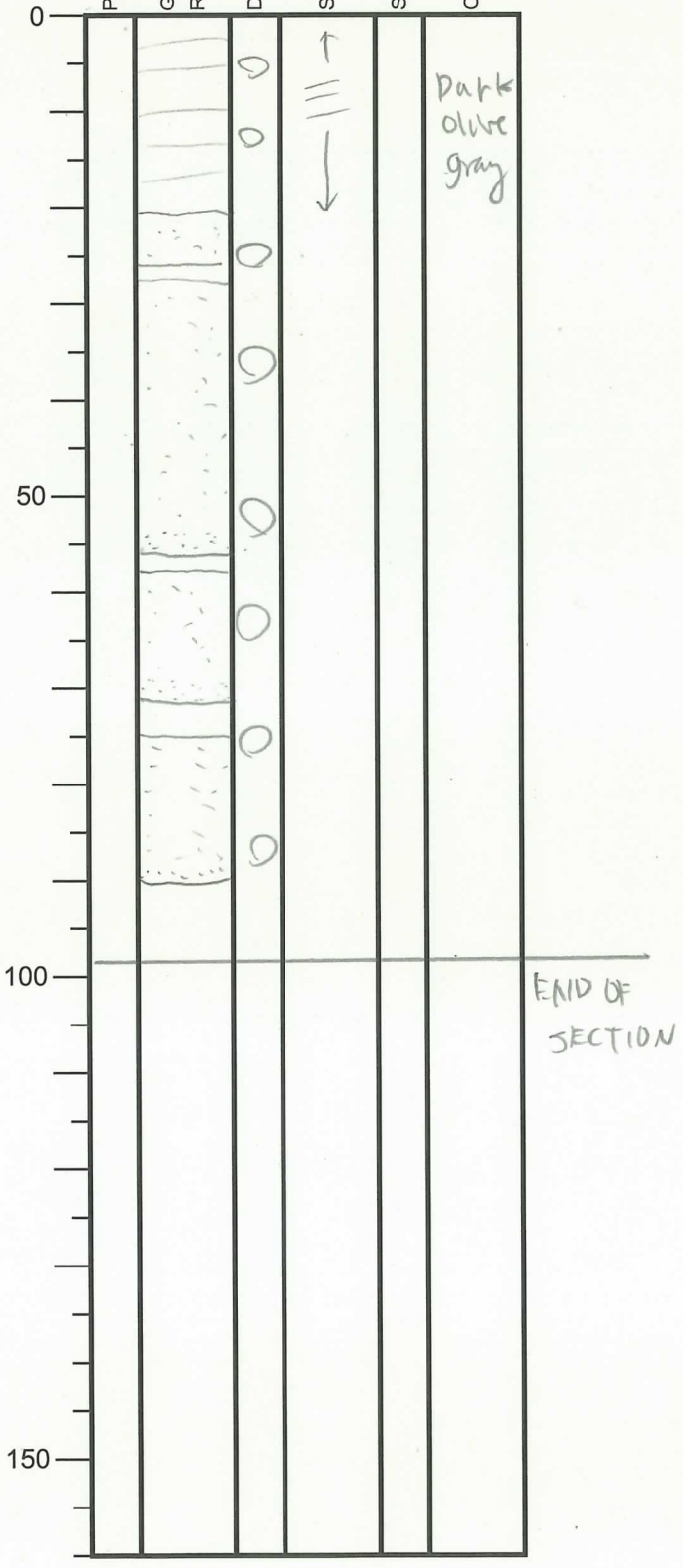
CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

0-99= Dark olive gray

NO. 2503
DATE: / / 20 09
EXP.: 358
SITE/HOLE: C0024G
CORE: 13X
SECTION: 2A
OBSERBER: MH



SECTION DESCRIPTION

0-21 : Interlagers of silt and silty clay (1cm each)

21-26 : Silt

27-56 : very fine to fine sand
sharp base

58-73 : very fine to fine sand
sharp base

75-90 : silt to very fine sand

background : silty clay

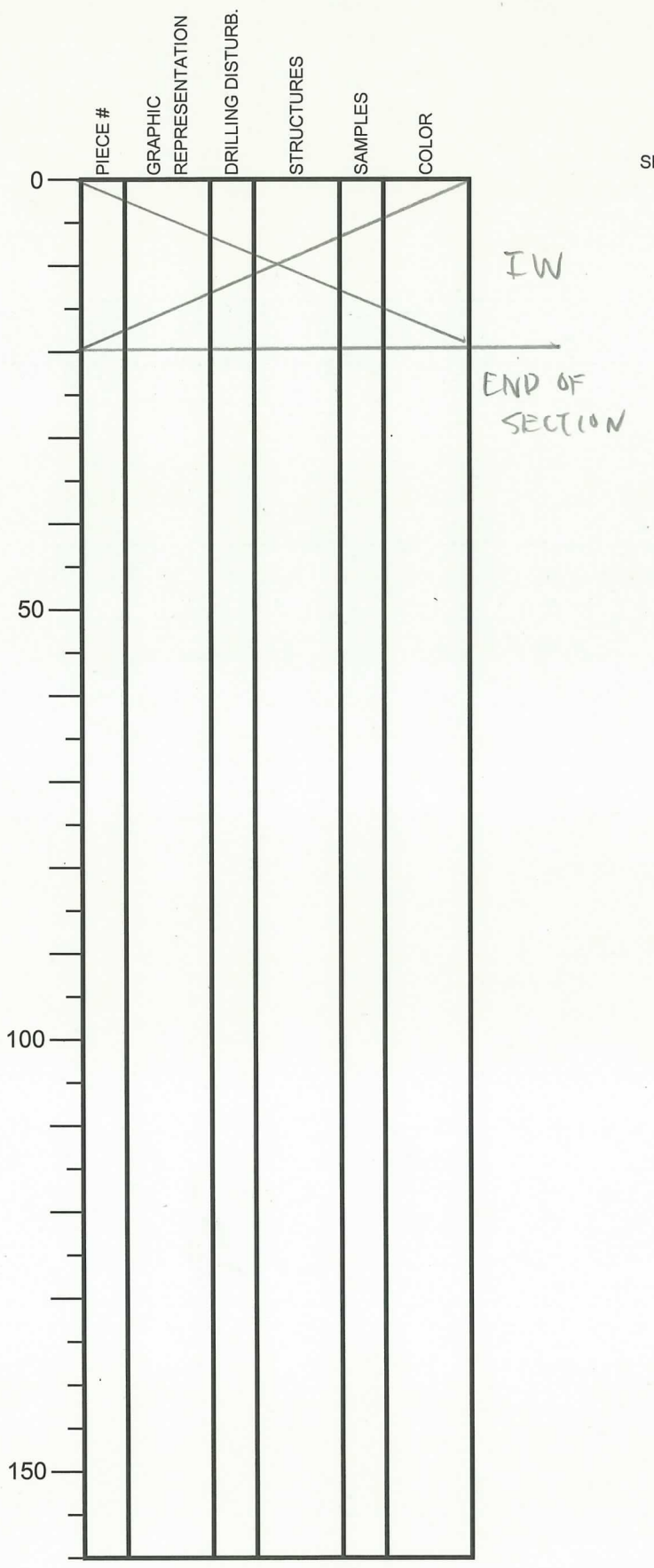
Biscuit throughout

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 13X
SECTION: 3A
OBSERBER: MH



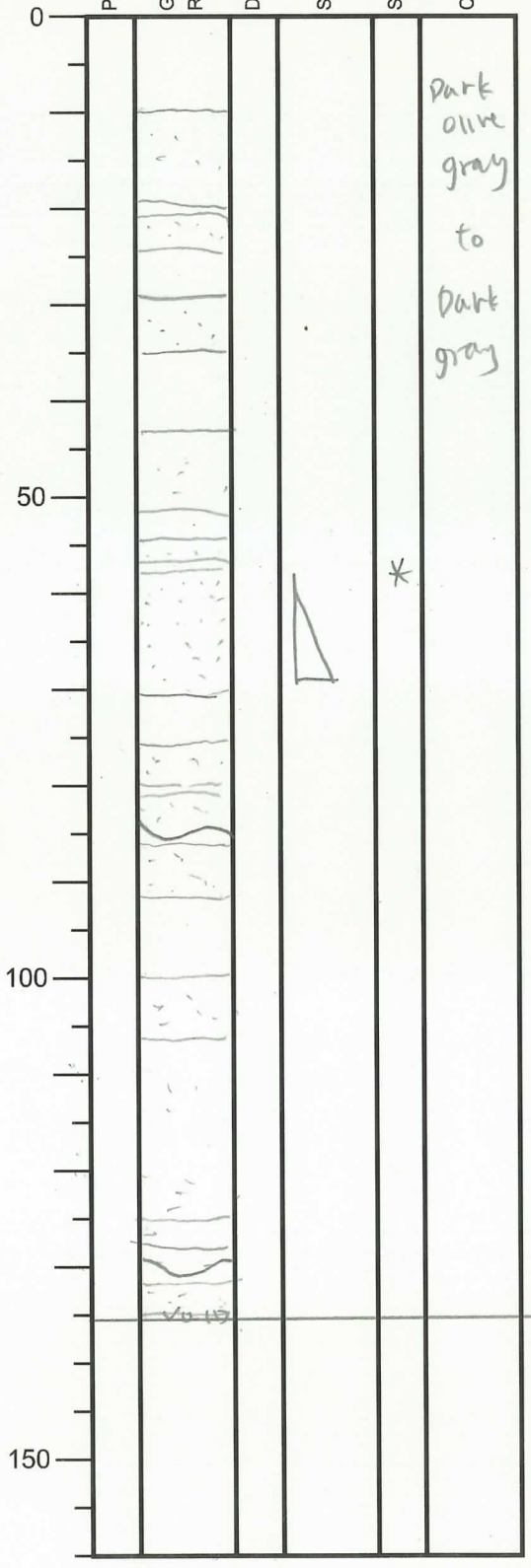
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 13X
SECTION: 4A
TOP DEPTH (m CSF):

OBSERBER: MH

0-134: Dark olive gray
Very fine sand to fine sand.



*(SS): 58 cm

11-28: very fine to fine sand.

31-35: Silt

43-51: Silt

54-56: Silt

57-71: Silt to Fine sand.
Normal grading.
Sharp base.

76-80: very fine sand

82-84: very fine sand,
Sharp base

84-92, 100-107.
Silt

107-123: very fine to Fine sand
sharp base

124-127: very fine sand

128-129: very fine sand
Sharp base

133-134: Fine to very fine Sand

Background is silty clay.

VCD_sheet_160629

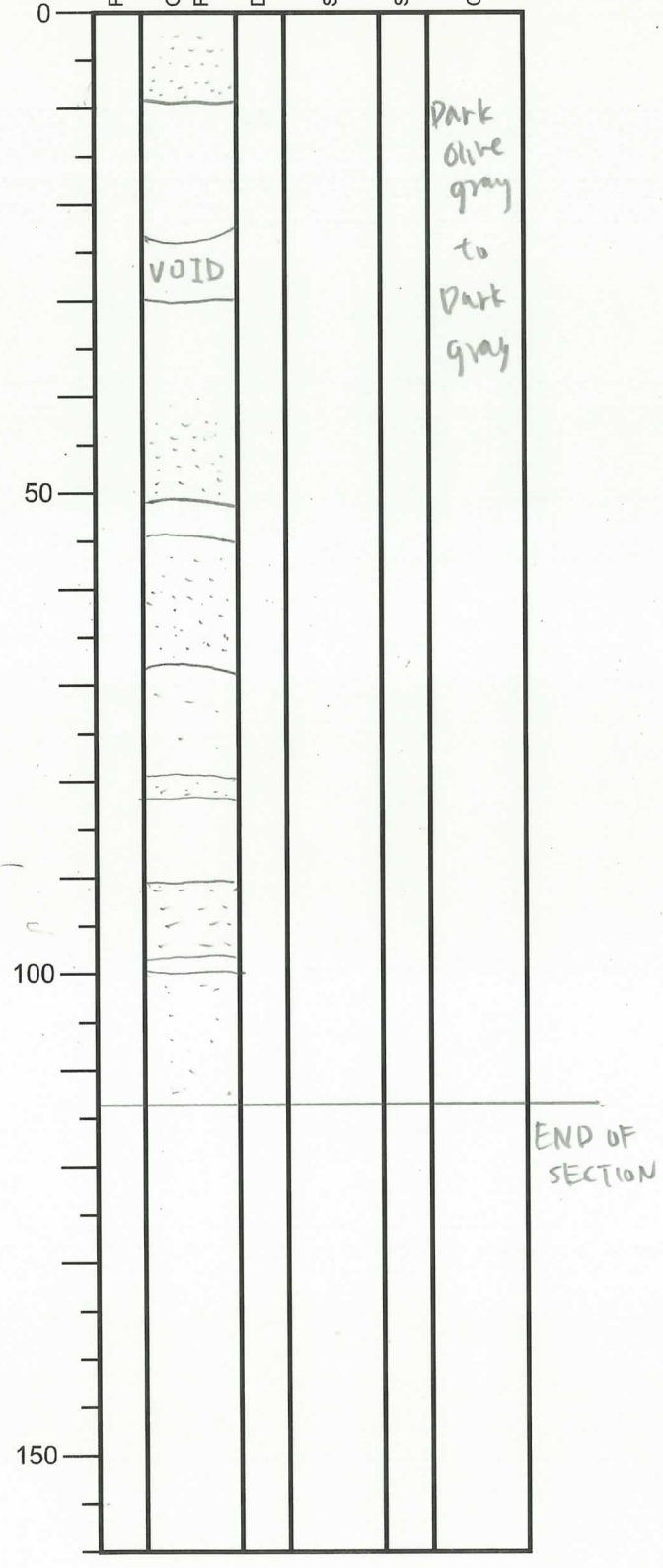
International Ocean Discovery Program

Visual Core Description

0-113 : Dark olive gray
VERY FINE SAND TO FINE SAND,
INTERBEDDED WITH SILT AND SILTY CLAY

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 13X
SECTION: 5A
TOP DEPTH (m CSF):

OBSERBER: MH



0-9 : Very fine sand. sharp base

10-24 : Very fine sand.

31-52 : Very fine to fine sand, sharp base

54-68 : Very fine to fine sand, sharp base.

68-79 : Silt.

79-81 : Very fine to fine sand.

86-89 : Very fine sand.

89-97 : Silt

100-113 : Very fine sand

Background : Silty clay.

CHIKYU Operation

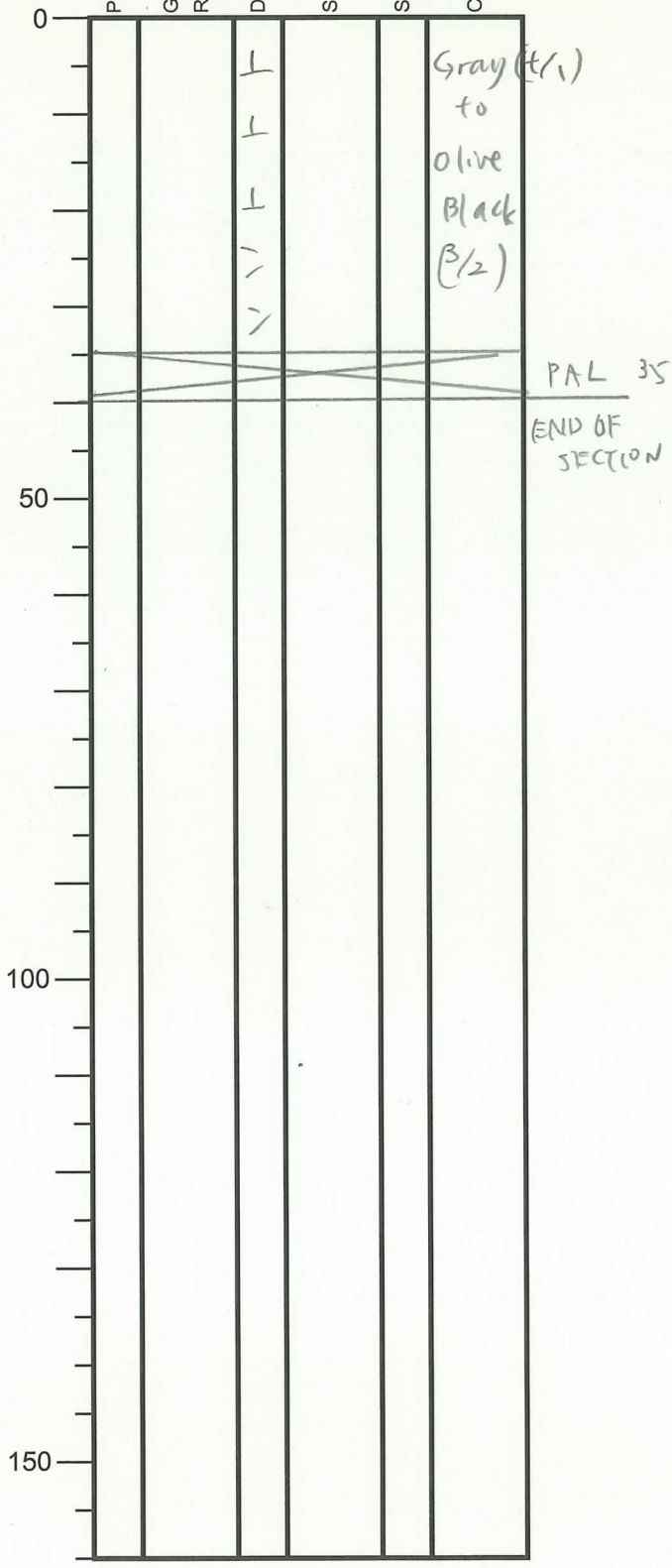
Last Update 06/Nov/2009

Visual Core Description

VERY FINE TO FINE SAND

0 - 35 : Gray .

NO. 2503
DATE: / /2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 13X
SECTION: CC
OBSERBER: MH



SECTION DESCRIPTION

0 - 17 very fine to fine sand

17 - 21 Silty clay

21 - 35 very fine to fine sand

Contain - mm interlayer of darker gray silt bands.

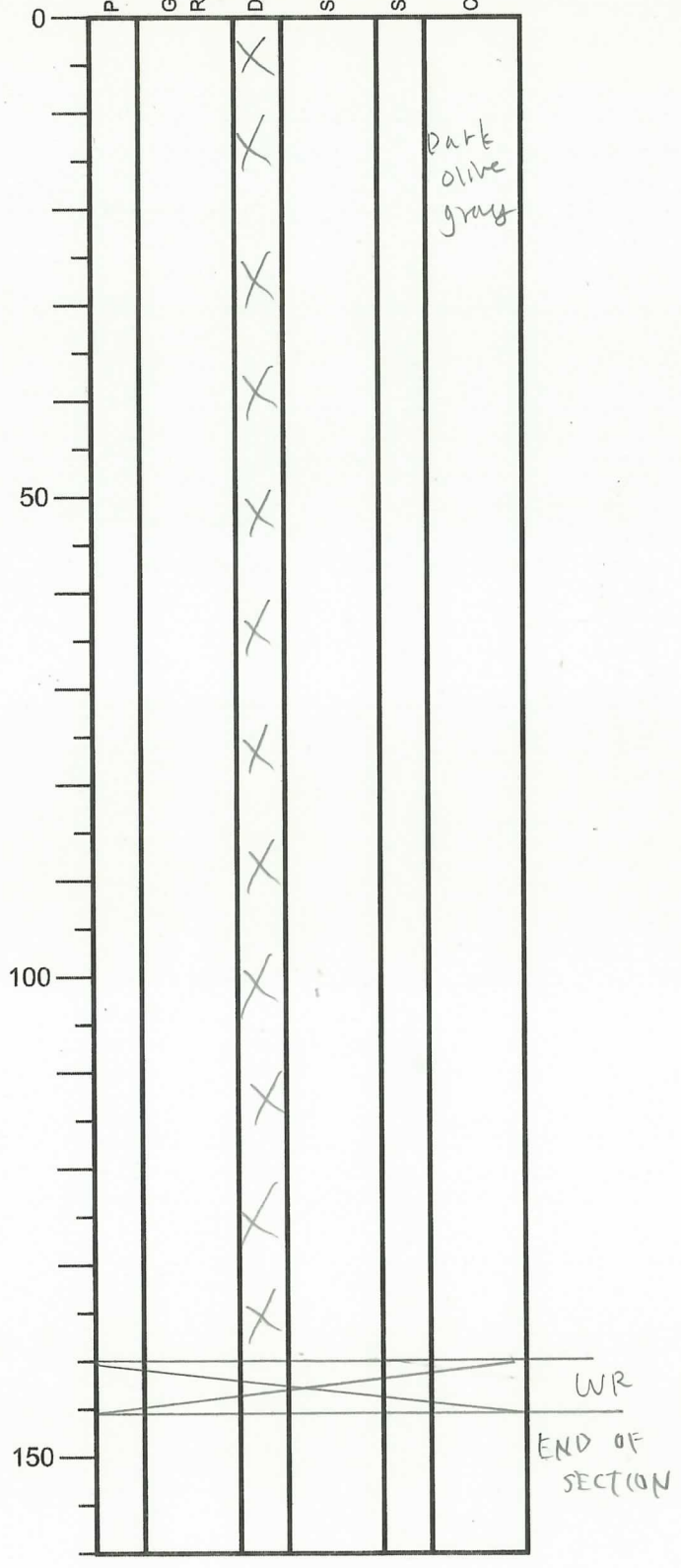
International Ocean Discovery Program

Visual Core Description

0-141 : Dark olive gray
SILTY CLAY

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 14 X
SECTION: 01
TOP DEPTH (m CSF):

OBSERBER: MH



largely
0-141 : Drilling breccia / cuttings
All silty clay to clayey silt.

contain ash cuttings (light gray)
@ 23-24

International Ocean Discovery Program

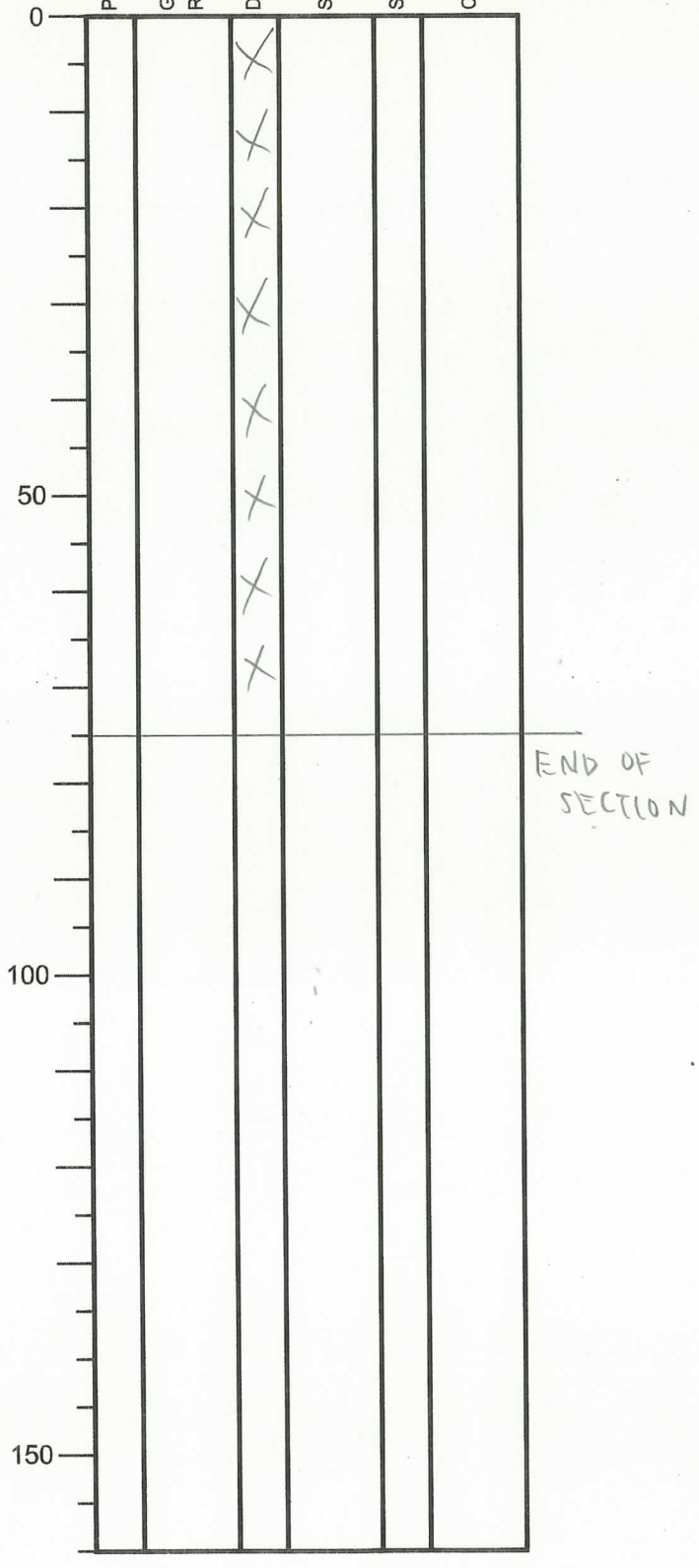
Visual Core Description

0-75 : Dark olive gray

SILTY CLAY

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 14X
SECTION: 02A
TOP DEPTH (m CSF):

OBSERBER: MH



0-75 : Mostly drilling breccia/ Cuttings

Silty clay to clayey Silt

International Ocean Discovery Program

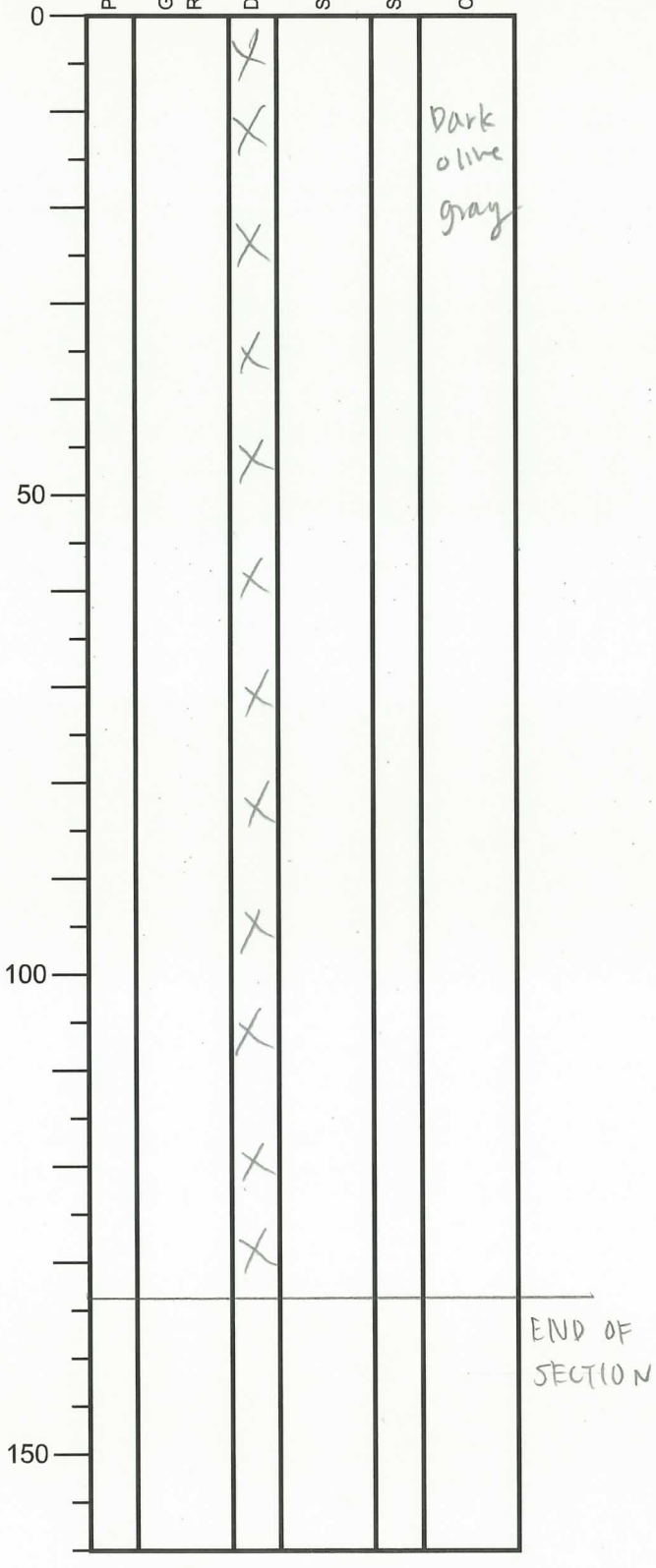
Visual Core Description

0-134 = Dark olive gray

SILTY CLAY

NO. 25 / 03 / 2019
DATE:
EXP.: 358
SITE/HOLE: C0024G
CORE: 14X
SECTION: 03A
TOP DEPTH (m CSF):

OBSERBER: MH



0-134 = Mostly drilling breccia and cuttings

silty clay to clayey silt

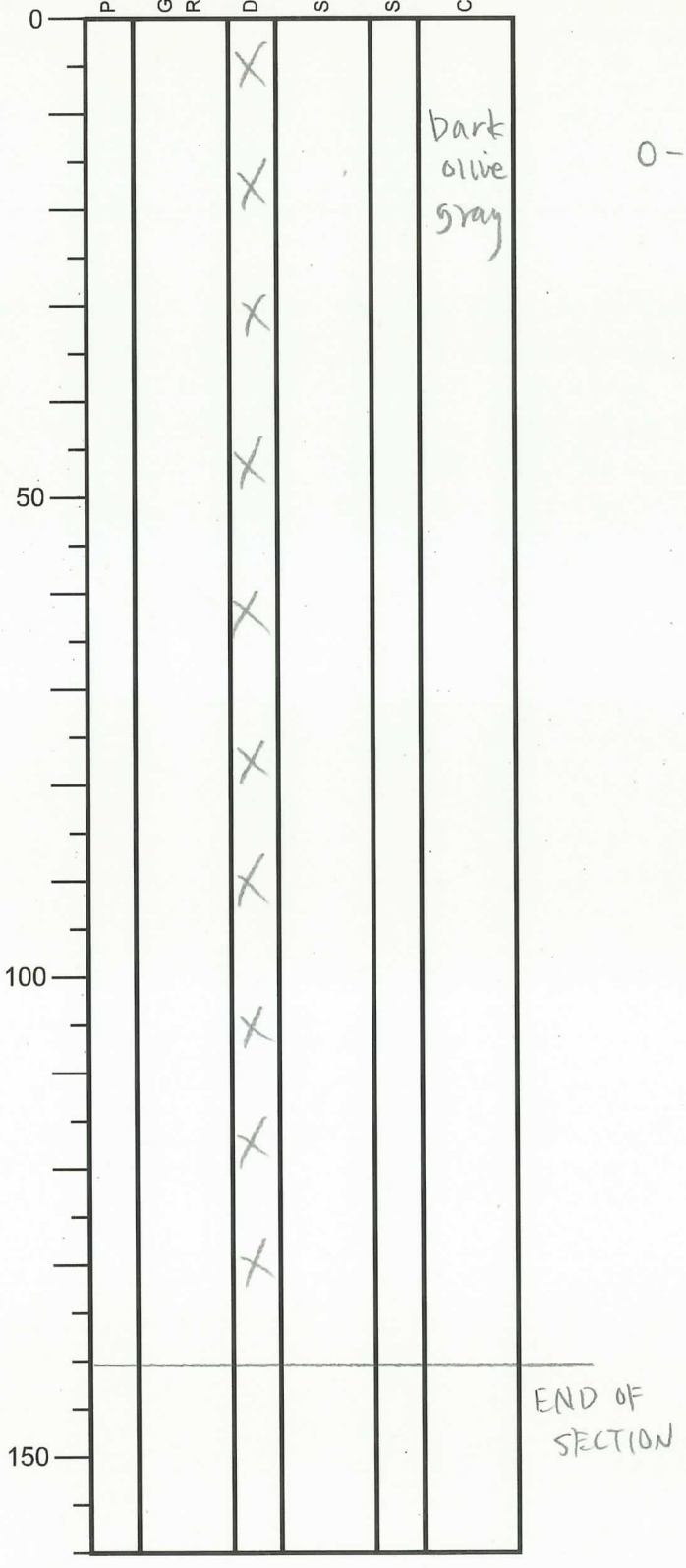
International Ocean Discovery Program

Visual Core Description

0-140.5 = Dark olive gray SILTY CLAY TO CLAYEY SILT

NO. 2503
DATE: / /2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 14X
SECTION: 04A
TOP DEPTH (m CSF):

OBSERBER: MH



0-140.5: Mostly drilling breccia/ cuttings.

silty clay to clayey silt)

Occasionally contain ash (light gray) cuttings.

International Ocean Discovery Program

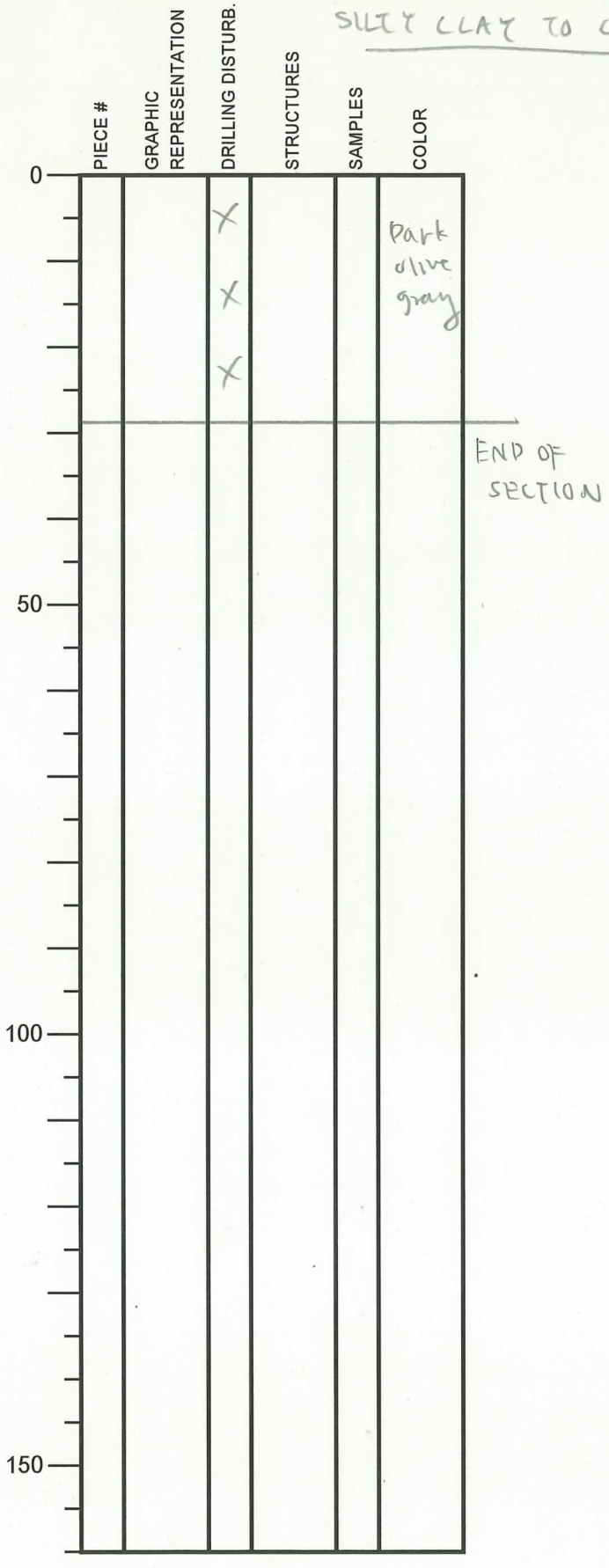
Visual Core Description

0-29.5 = Dark olive gray

SILTY CLAY TO CLAYEY SILT

NO. 2503
DATE: / / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 14X
SECTION: 05A
TOP DEPTH (m CSF):

OBSERBER: MH



0-29.5: Mostly drilling breccia/ cuttings.

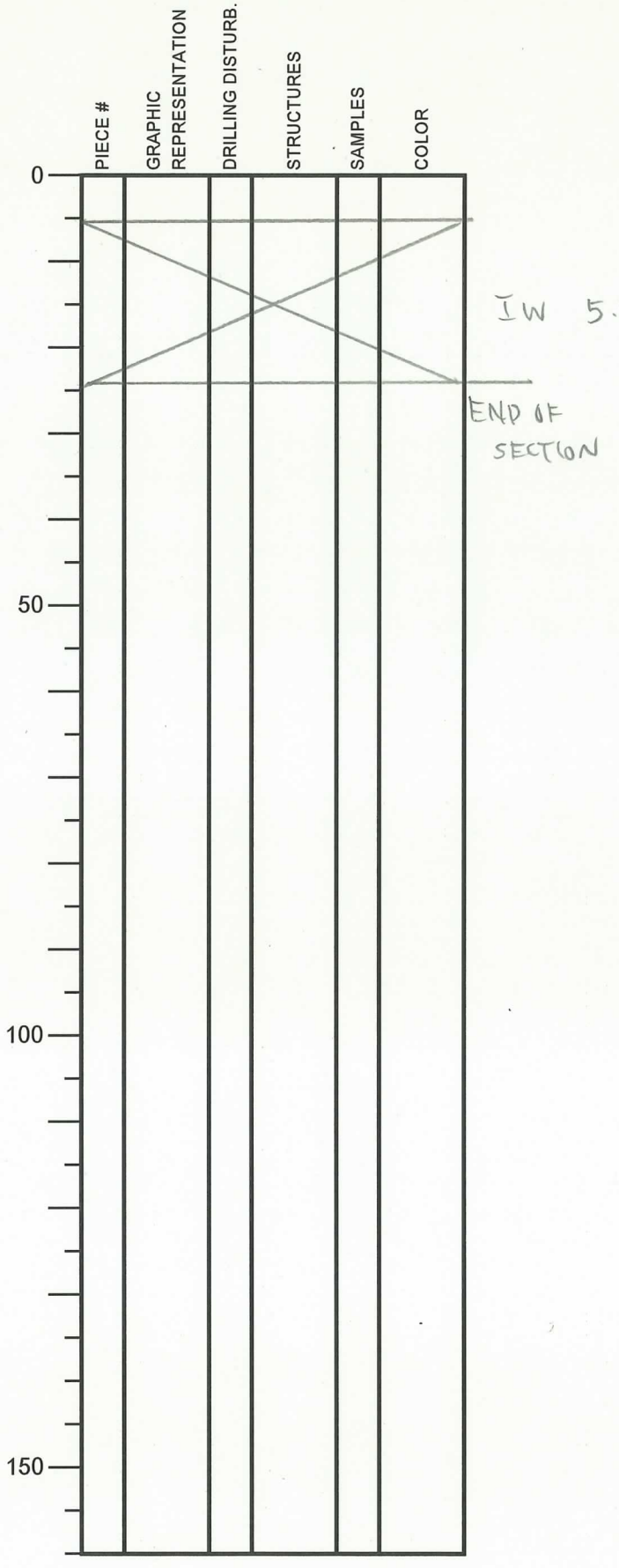
Silty clay to clayey silt.

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 4X
SECTION: 06A
TOP DEPTH (m CSF):

OBSERBER: MH



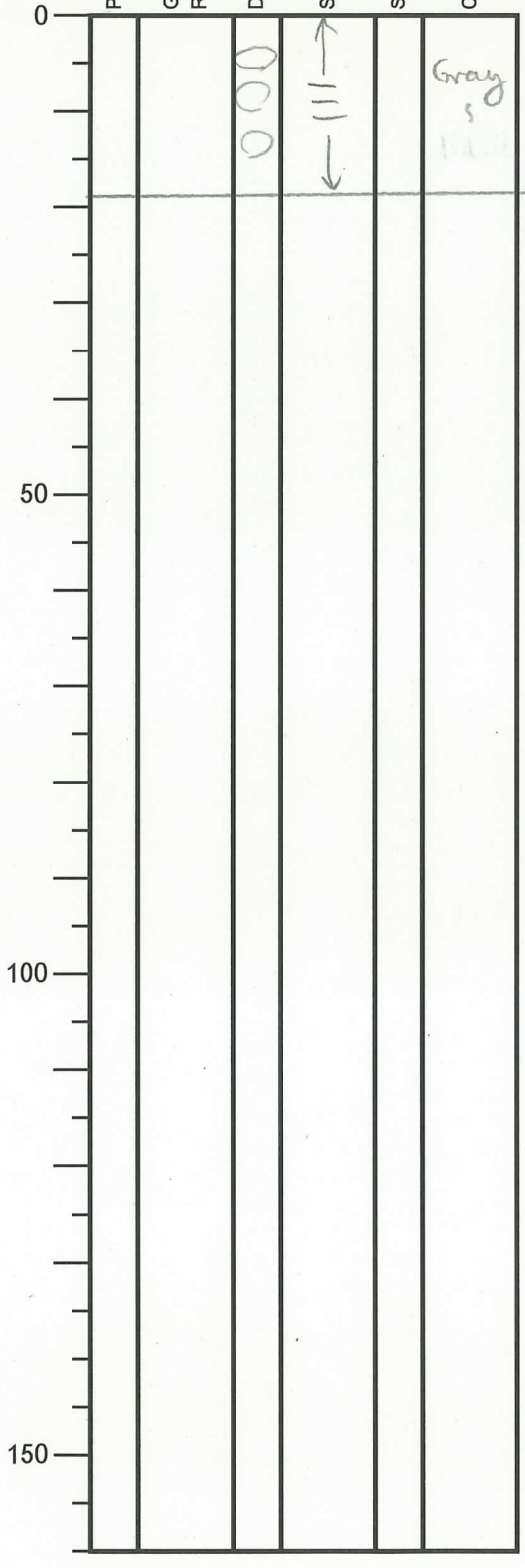
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 6X
SECTION: 07A
TOP DEPTH (m CSF):

OBSERBER: MH

0-18: Gray SILTY CLAY AND VERY FINE SAND, INTERBEDDED.



0-18: Interlayers of silty clay and very fine sand (1-2cm)

Biscuited.

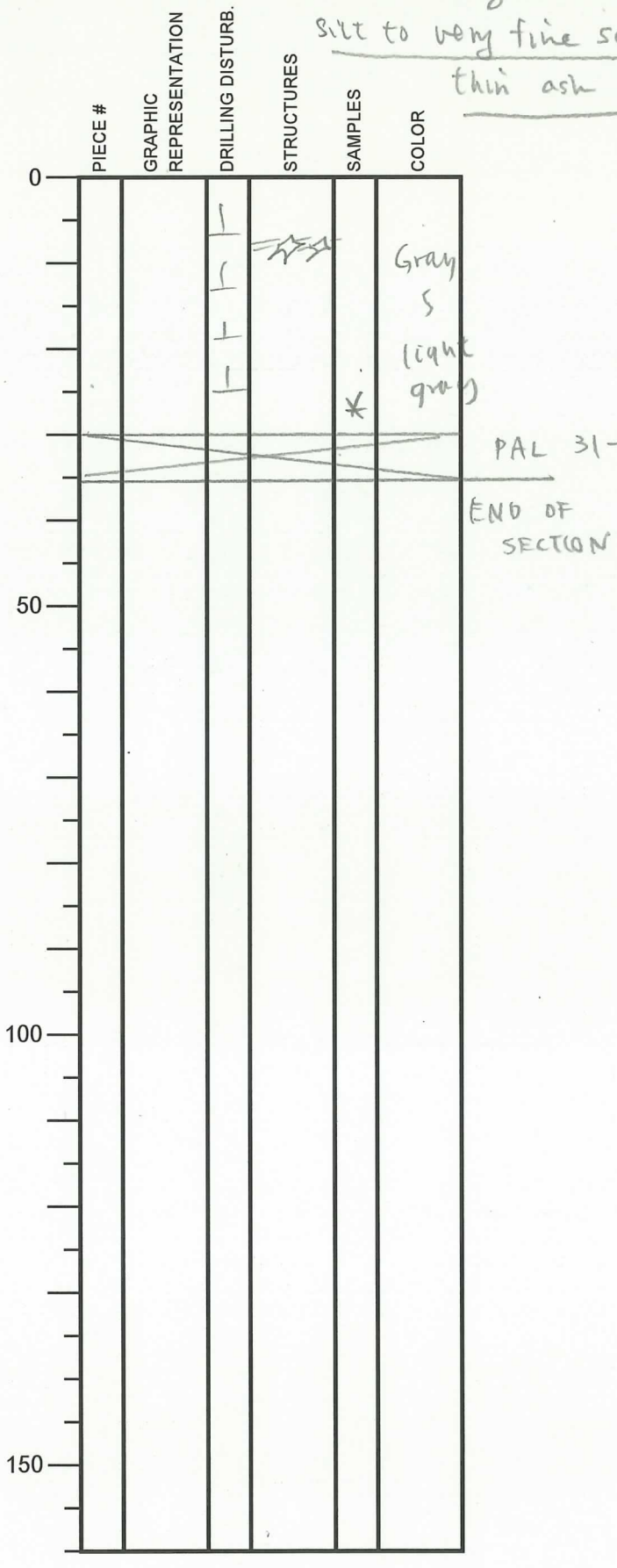
International Ocean Discovery Program

Visual Core Description

NO. 2503
DATE: / /2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 14X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: MH

0-31 : Gray
Silt to very fine sand with thin ash layer



0-8
8.5-31.) Silt to very fine sand

8-8.5 : Ash layer
(glass-rich)
white ~ light gray

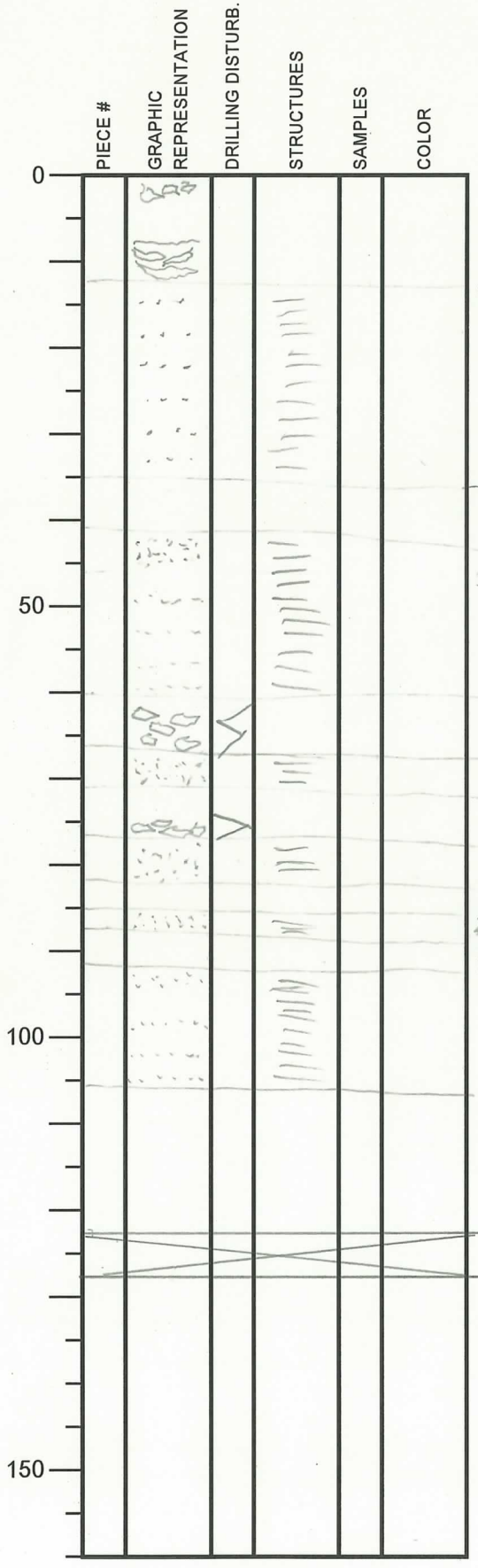
* 5S : 28cm
(Light gray)
v.f.s.

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-25
EXP.: 358
SITE/HOLE: C0024G
CORE: 15X
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

0-13: olive gray silty clay / clayey silt, moderately drilling disturbed

13-35: gray silty sand/sandy silt, & dark gray (silty) clay (subordinate lithology) interbedded

35-41: olive gray silty clay

41-60: gray silty sand/sandy silt & dark gray (silty) clay, interbedded

60-67: dark olive gray silty clay, cm sized clasts (drilling disturbance)

67-70.5: clayey silt

70.5-77: silty clay, cm sized clasts (drilling disturbance)

77-82: clayey silt

82-85: silty clay

85-87: silt / silty sand

87-91: silty clay

91-106: dark gray silt/sand & dark gray silty clay, interbedded

106-122.5: olive gray to dark beige silty clay

122.5-127.5: 358 AIWR (WR sample)

silt/sand at: 13-35
41-60
67-70.5
77-82
85-87
91-106

locally high drilling disturbance

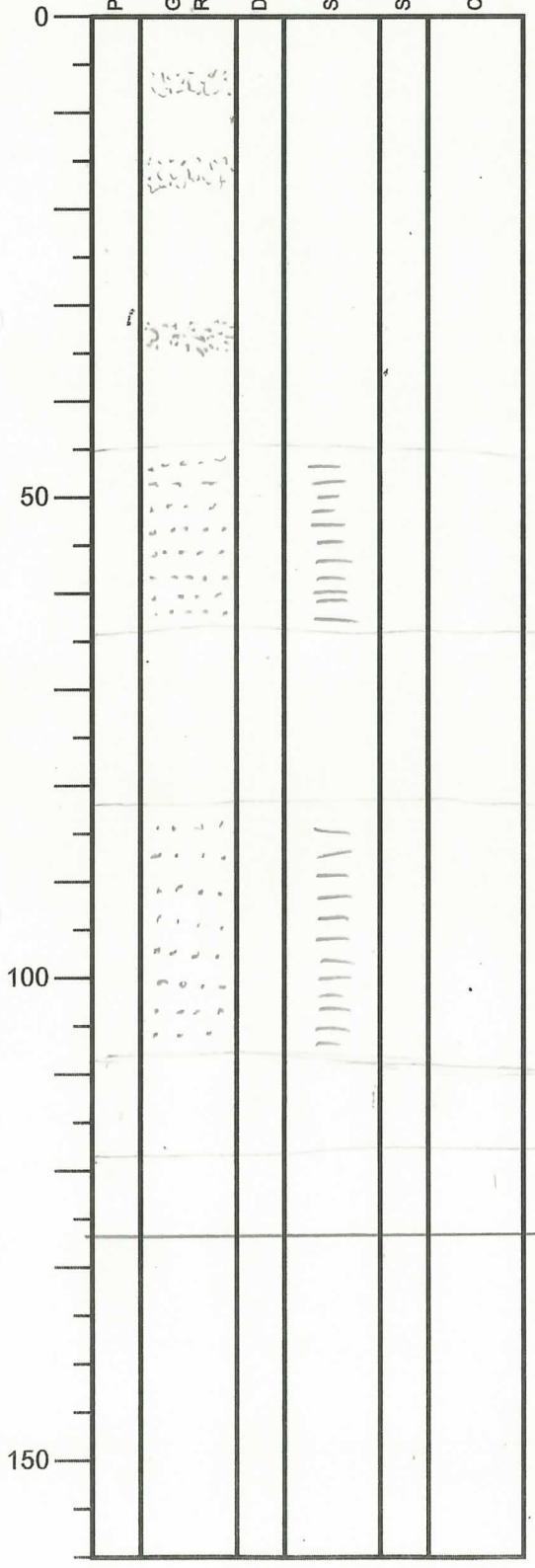
VCD_sheet_160629

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-25
EXP.: 358
SITE/HOLE: C0024 G
CORE: 15X
SECTION: 2
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

0-45: dark olive gray silty clay & dark gray clayey silt, interbedded on ~5-10 cm scale

45-64: dark gray silty clay & dark gray (clayey) silt, interbedded ~1 cm

64-82: silty clay (dark olive gray)

82-108: dark gray silty clay & dark gray (clayey) silt, interbedded ~1 cm

108-118: dark olive grey silty clay

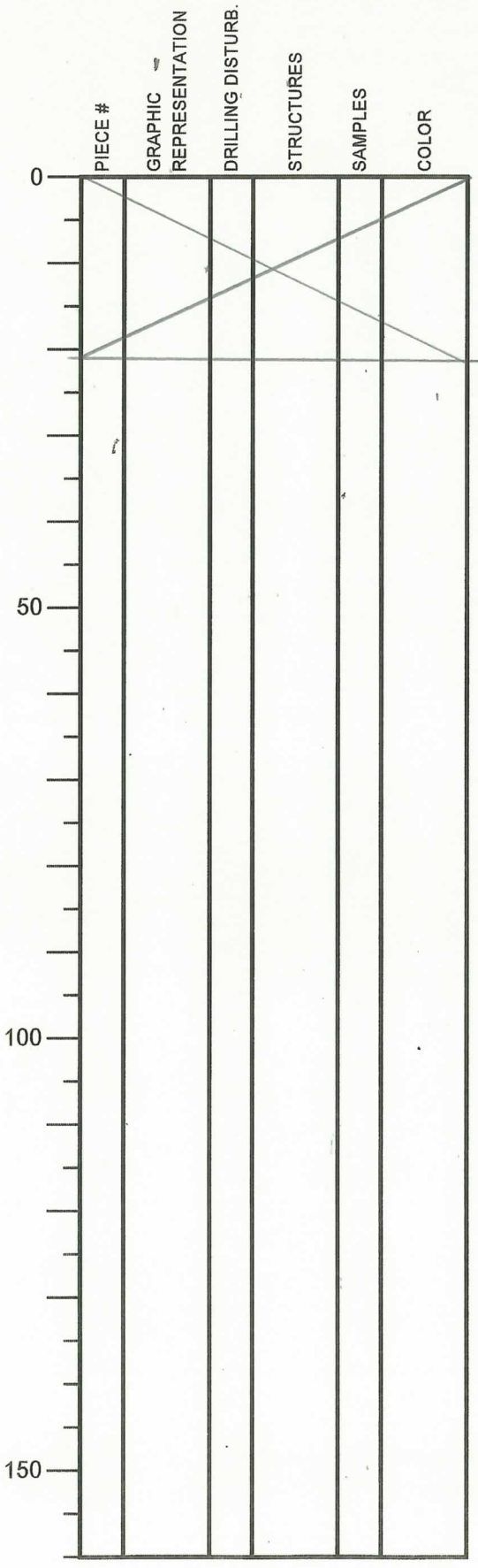
118-127: silt / fine sand

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /2019-03-25
EXP.: 358
SITE/HOLE: C0024 G
CORE: 15X
SECTION: 3
TOP DEPTH (m CSF):

OBSERBER: DJ



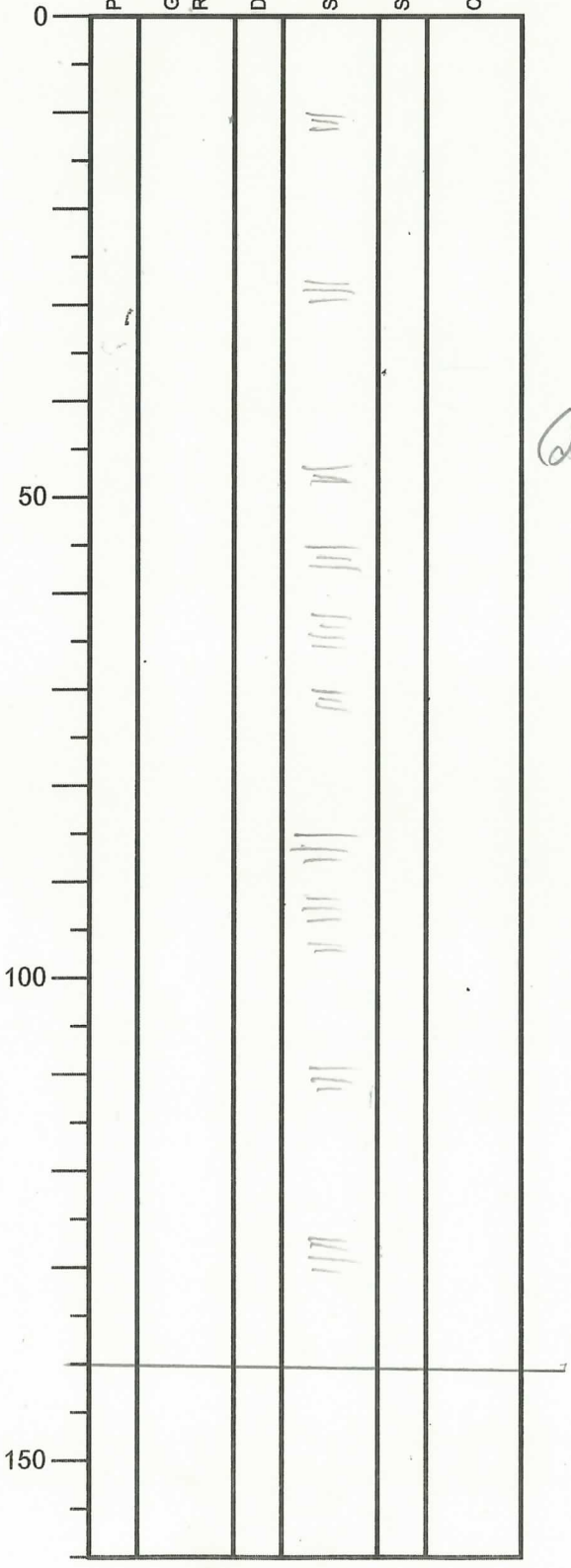
0-21.5 all to IW

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-25
EXP.: 358
SITE/HOLE: C0024 G
CORE: 15X
SECTION: 4
TOP DEPTH (m CSF):

OBSERBER: DJ



dark olive gray
silty clay - clayey silt

slightly coarser grained beds (dark gray silt) at:

13-17
27-30
47-49
56-58
63-67
70-72
84-86
93-95 } capped by black layer
97-99 }
110-111
127-132

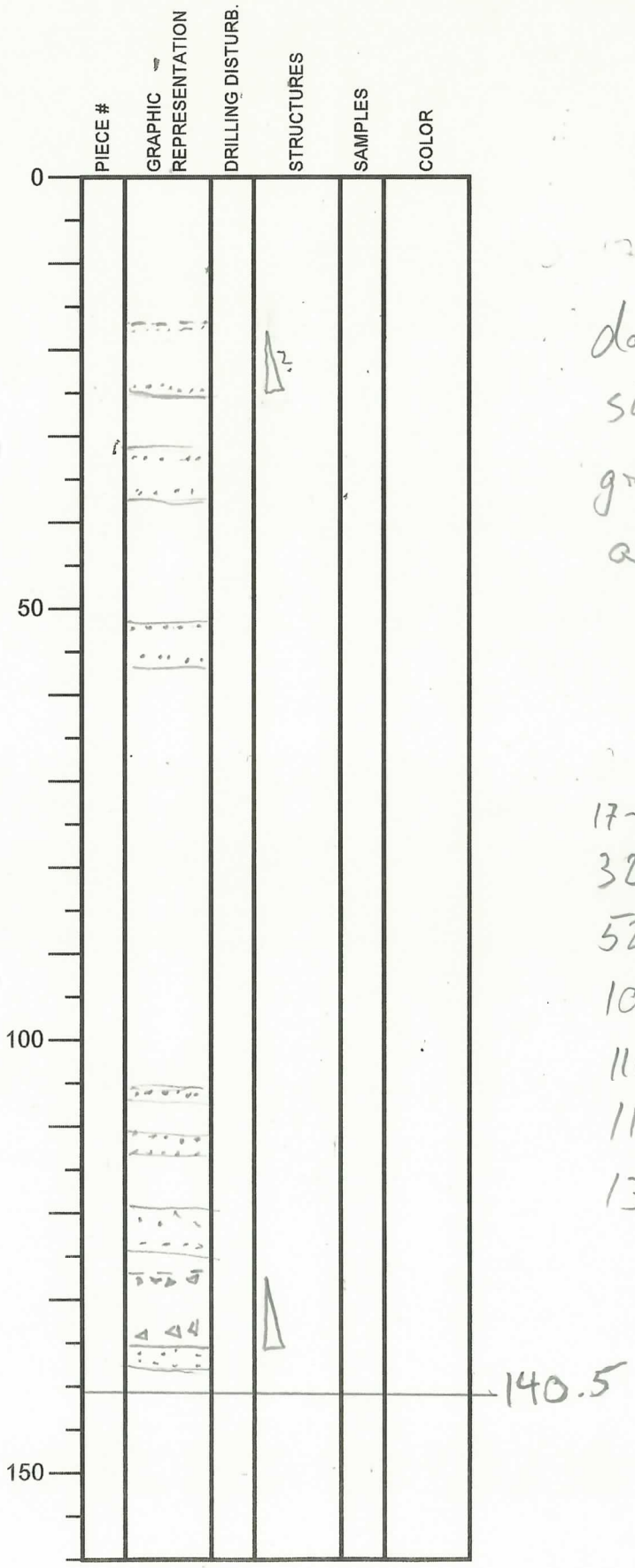
but: grain size difference very subtle.

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-25
EXP.: 358
SITE/HOLE: C0024G
CORE: 15X
SECTION: 5
TOP DEPTH (m CSF):

OBSERBER: D



dark olive gray
silty clay / clayey silt
gray silt / fine sand
at:

17-25 (possibly slightly graded
32-37
52-57
105-107
110-114
119-125
135-137

127-135: glass (ash)
siliciclastic material
& nannos; grades
into background
sediment

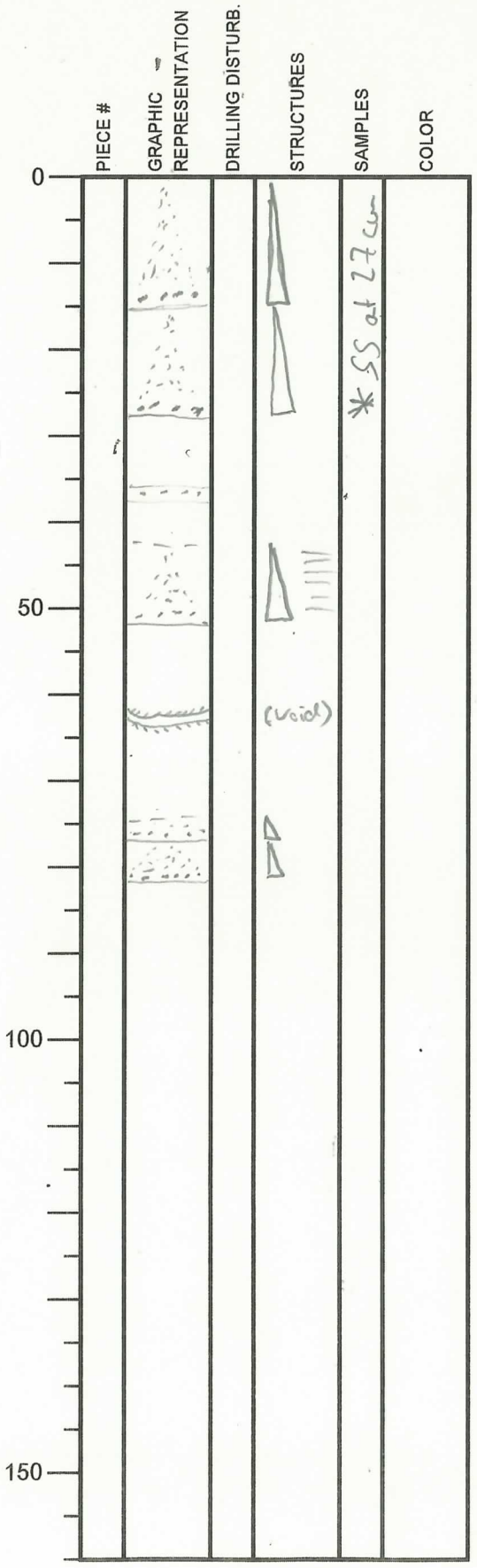
International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-25
EXP.: 358
SITE/HOLE: C0024 G
CORE: 15X
SECTION: 6
TOP DEPTH (m CSF):

SECTION DESCRIPTION

OBSERBER: DJ



dark olive gray
silty clay / clayey silt
with dark gray beds of sandy silt
to silty sand

at:

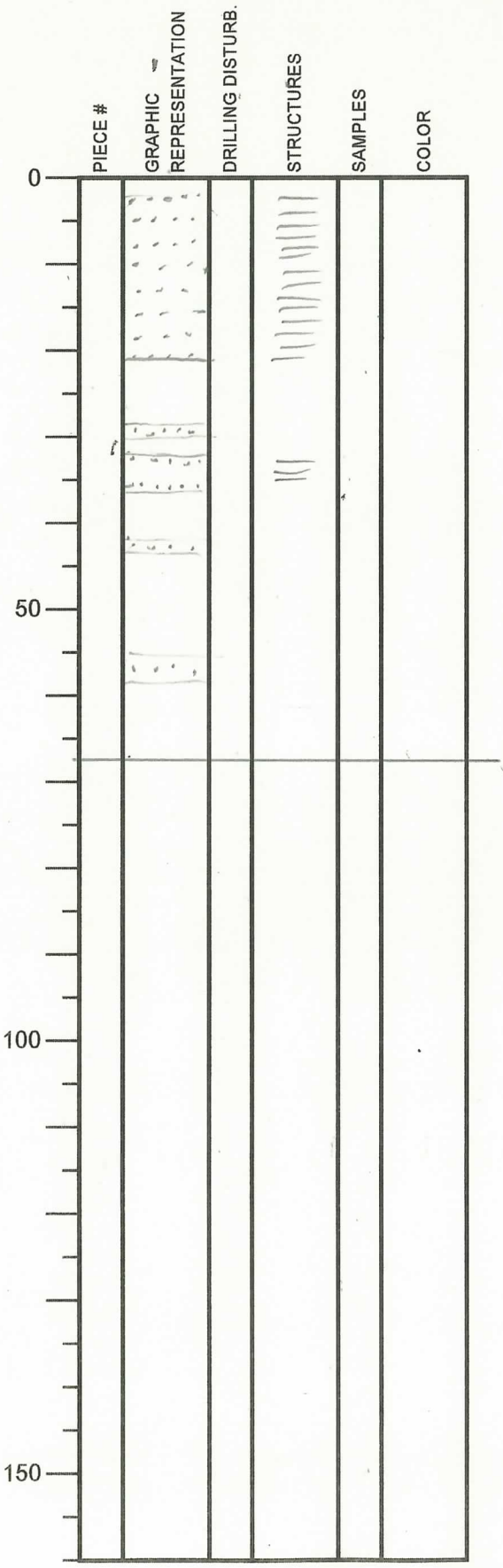
0-16
16-27
34-36
43-52 (internally laminated)
61-62
74-77
77-82
91-94

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /2019-03-25
EXP.: 358
SITE/HOLE: U8324 G
CORE: 15X
SECTION: 7
TOP DEPTH (m CSF):

OBSERBER: DJ



dark olive gray
silty clay / clayey silt

gray silt / fine sand

at:

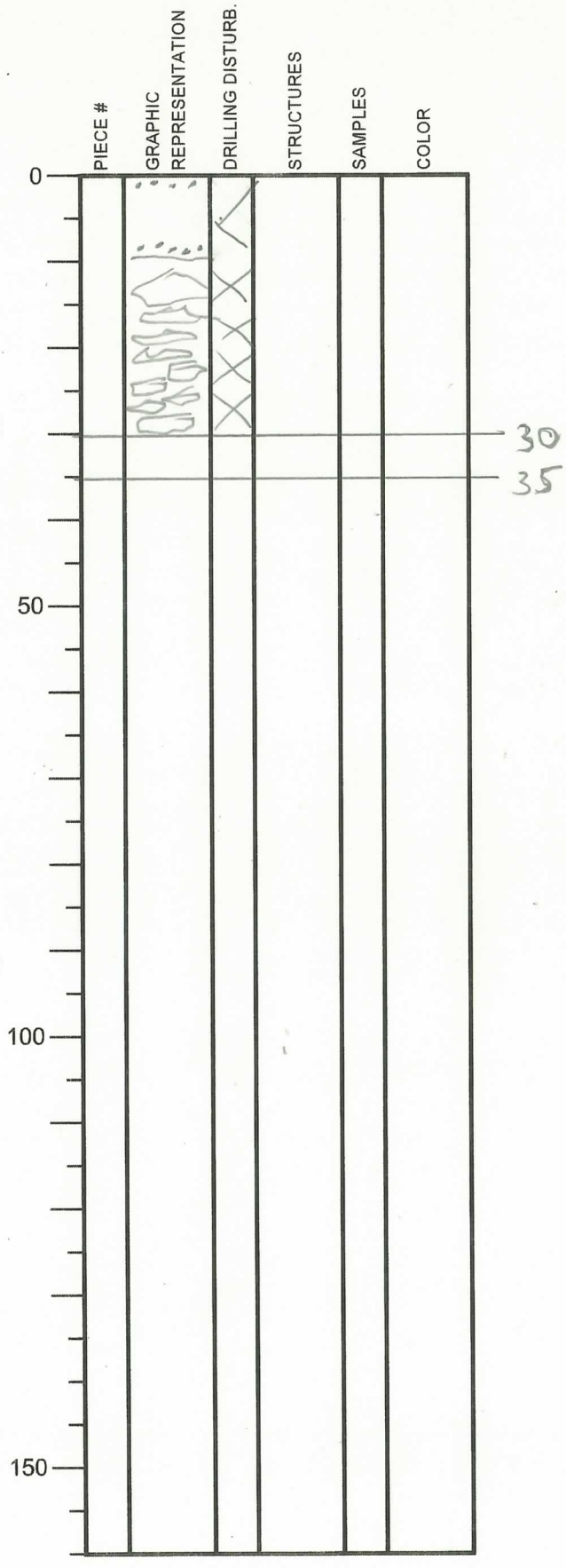
2-21 (internally laminated
28-30
32-37 (internally laminated)
43-44
55-58

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-25
EXP.: 358
SITE/HOLE: C0024
CORE: 15X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

0-9: grayish gray silty sand

PAL (WR sample

9-30: gray siltstone fragments mixed glass (ash) & siliciclastic grains

highly disturbed / fractured from drilling

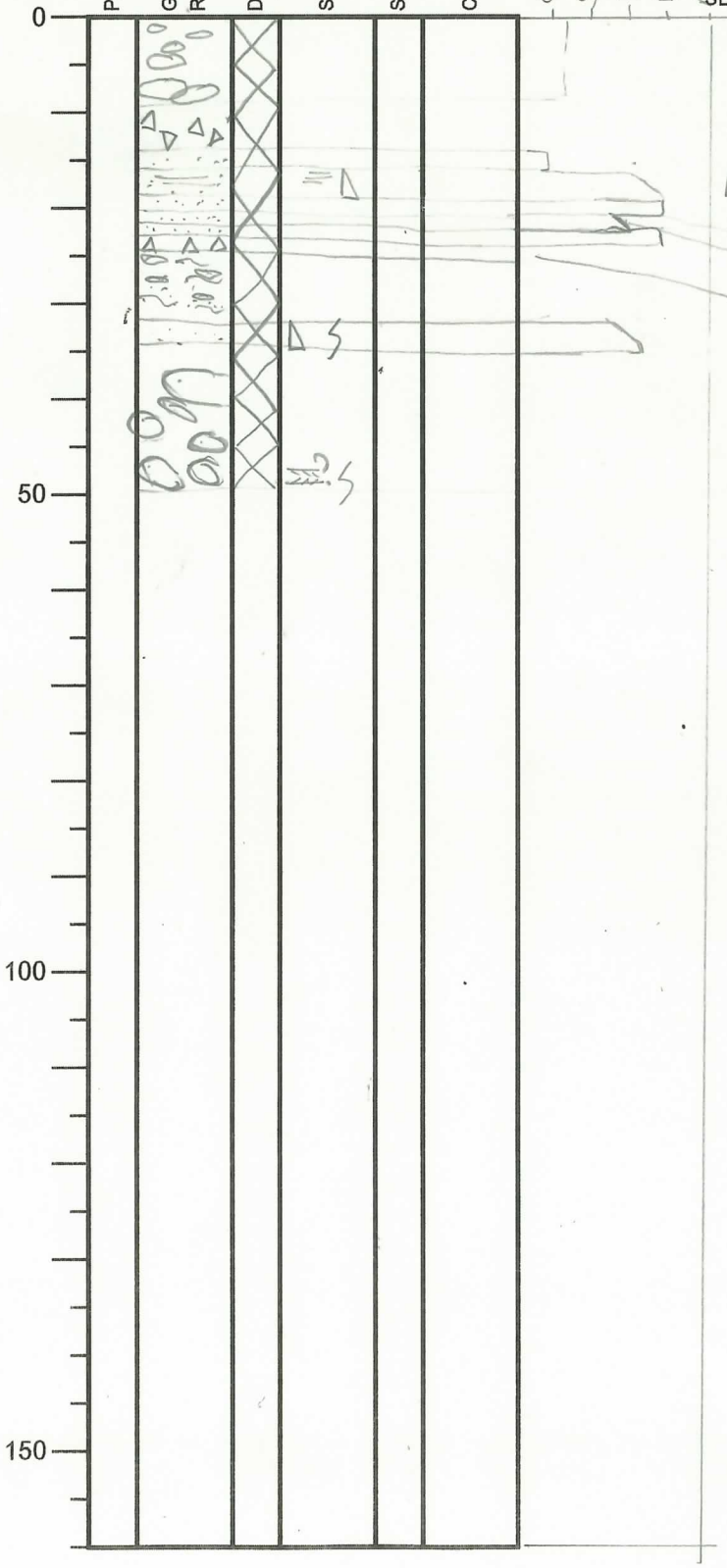
International Ocean Discovery Program

Visual Core Description

High content in FS with first appearance of bioturbation in C0024G.

NO. 1
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G.
CORE: 16X.
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: PC



0-9 cm = Clast of silty claystone floating in a muddy matrix
9-14 cm = Light grey ash layer.
14-16 cm = Grey silty clay
16-18 cm = Graded FS with // lam
18-20 cm = Blurry FS.
20-21 = Consolidated FS
21-22 = Slurry FS.
22-24 = Ash layer
24-32 = Clast of FS floating in a mudd matrix
32-34 = Graded FS with burrows
34-49 = Clast of silty clay floating in a sandy matrix
Some of the clasts shows bioturbation (zoophycos?).

All the section is heavily affecting by drilling
↳ drilling breccia?

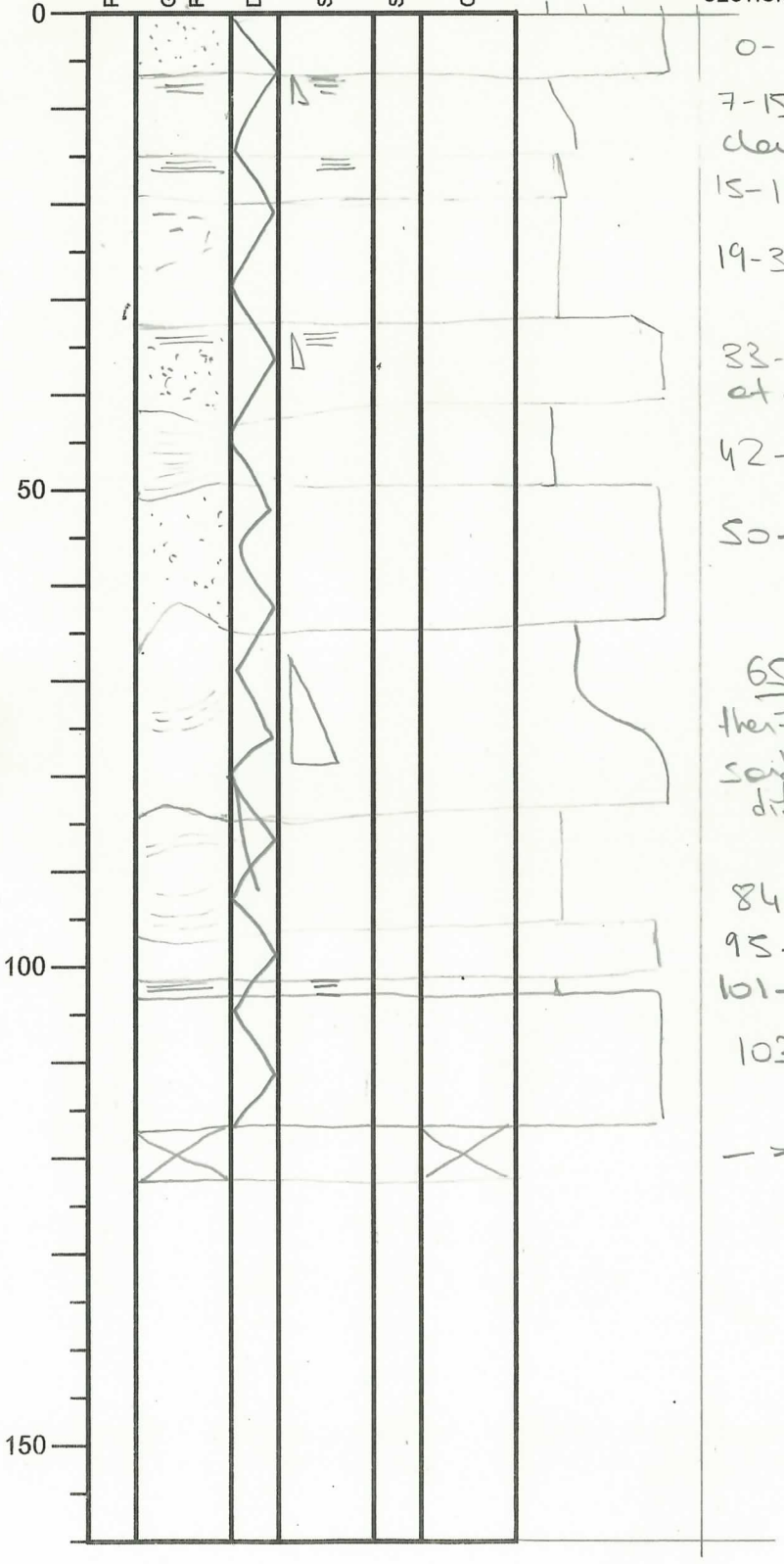
International Ocean Discovery Program

Visual Core Description

NO. 2
DATE: 25/08/2019
EXP.: 358
SITE/HOLE: U0246
CORE: 16X
SECTION: 2
TOP DEPTH (m CSF):
OBSERBER: PC

Dark grey silty clay with high degree of consolidation. High content in sand

Sand is slurry with chest of silty chest floating in it



SECTION 16X = 0-117

0-7 cm = Slurry FS

7-15 cm = Graded Clayey silt to silty clay. // lam at the top.

15-19 = silty clay with // lamin at the top

19-33 = silty clay with diffuse laminae at the top.

33-42 = Slurry FS with graded at the top and diffuse // laminae.

42-50 = Silty clay showing // laminae

50-65 = Slurry FS.

65-84 = 82-72 => Slurry FS, then 72-65 => graded into more silty sand and getting consolidated. diffuse // laminations at the transition.

84-95 = Silty clay with diffuse // lam

95-101 = slurry FS

101-103 = // lam in silty clay.

103-117 = Slurry FS.

-> 117-122 => WR sample.

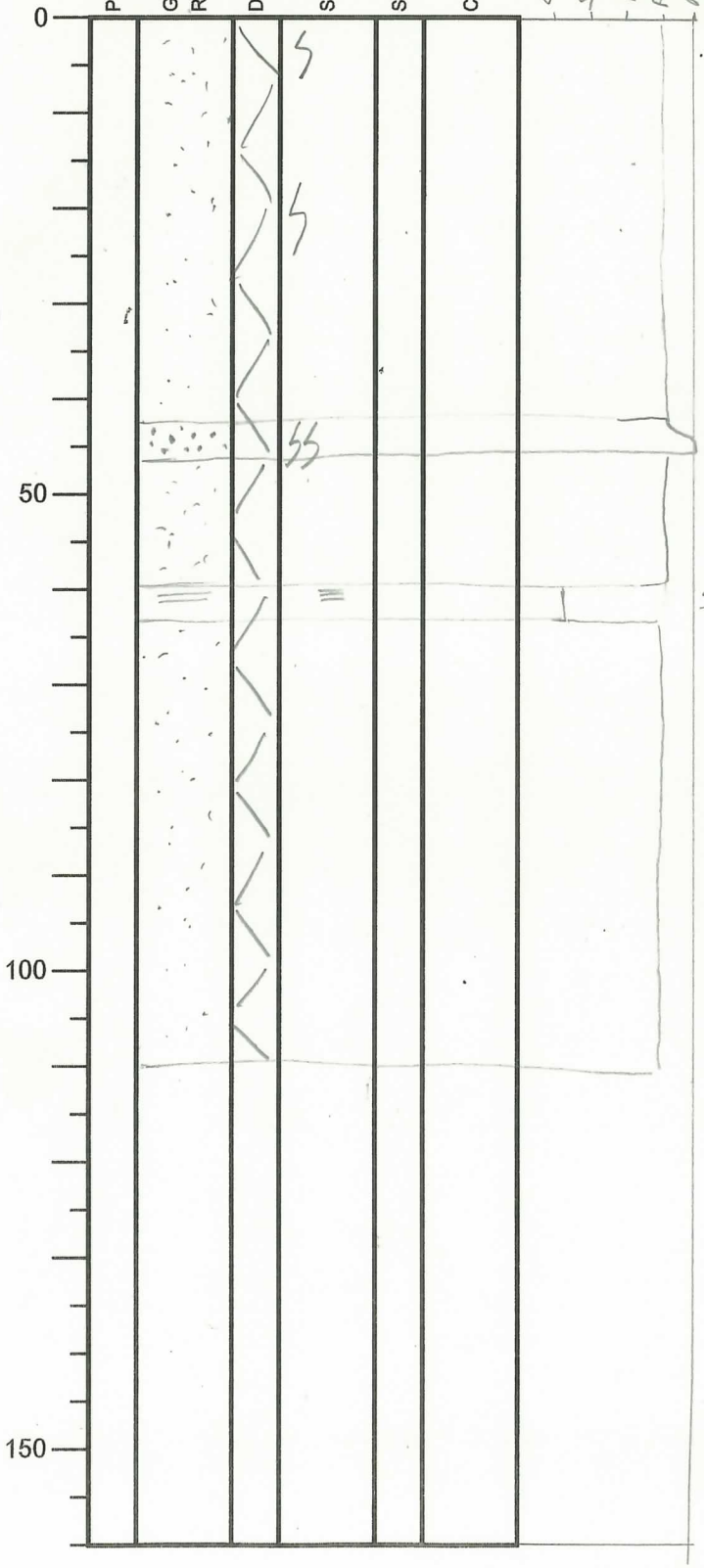
International Ocean Discovery Program

Visual Core Description

Mostly composed of slurry
Fine sand. Some intervals
are highly bioturbated.

NO. 3
DATE: 24/03/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 16X
SECTION: 3
TOP DEPTH (m CSF):

OBSERBER: PC



0-42 cm = Slurry FS with located bioturbation.

42-46 cm: Graded MS - heavily bioturbated
↳ consolidated sand

46-59 = Slurry FS.

59-63 = silt with diffuse // 6cm at the top

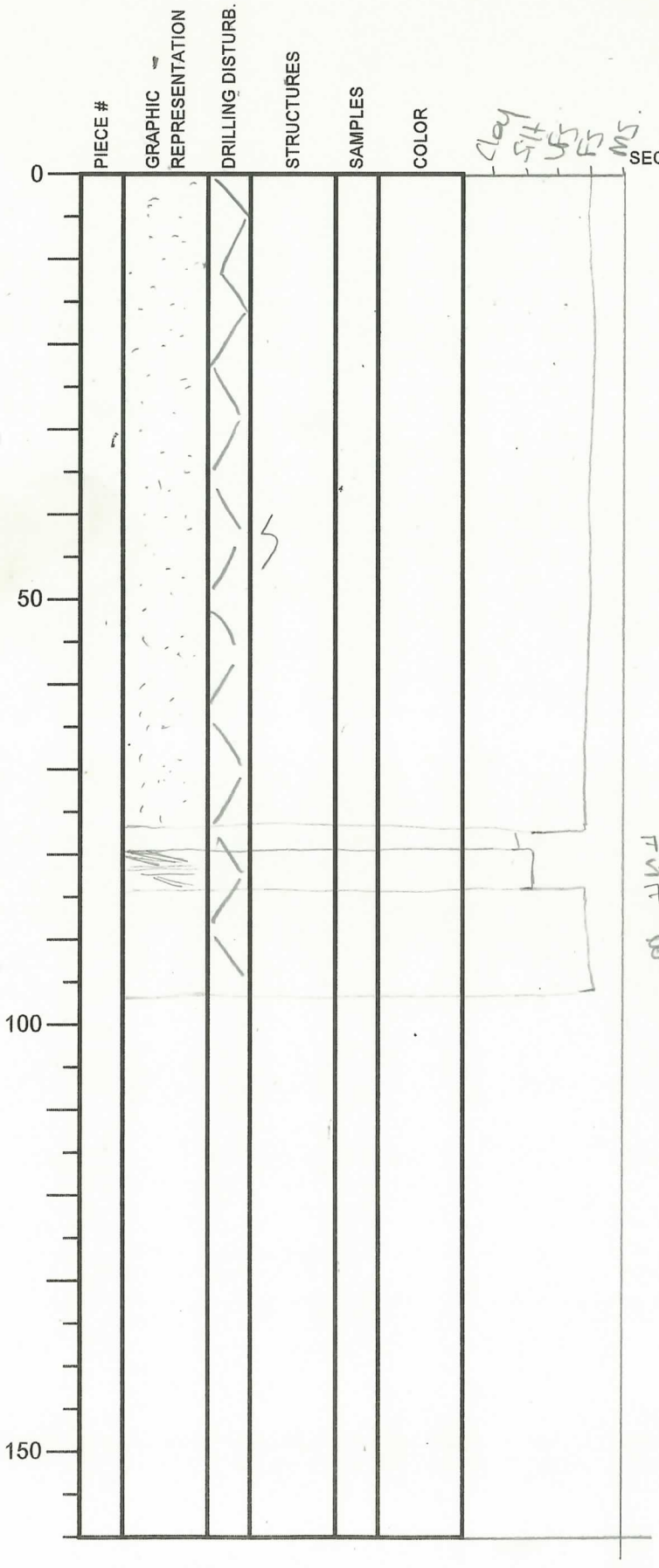
63-110 = Slurry sand.

Heavily affected by drilling.

International Ocean Discovery Program
Visual Core Description

NO. 4
DATE: 24/08/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 16X
SECTION: 4
TOP DEPTH (m CSF):

OBSERBER: PC



0-76 cm = Slurry FS with sporadic bioturbation (it is more lithified when there is bioturbation)

High angle lamination for silty clay.

drilling induced?

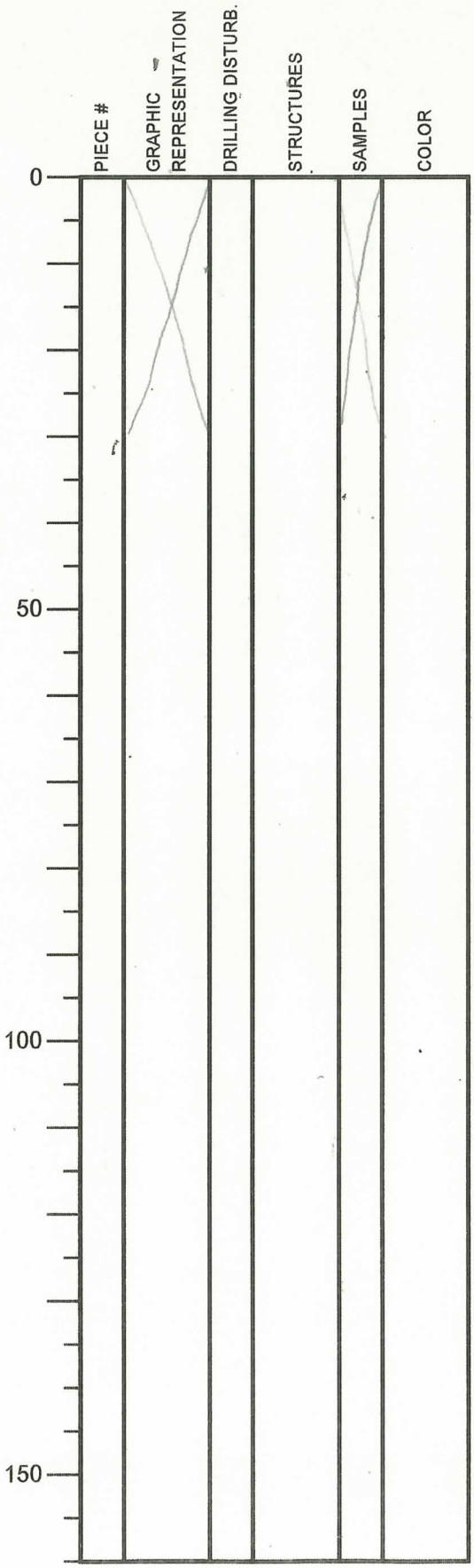
76-79 = Dark grey/green structureless silty clay
79-84 = clayey silt with X-laminae
84-96 = Slurry FS.

Heavily affected by drilling.

International Ocean Discovery Program
Visual Core Description

NO. 4
DATE: 24 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 16X
SECTION: 5
TOP DEPTH (m CSF):

OBSERBER: PC



SECTION DESCRIPTION

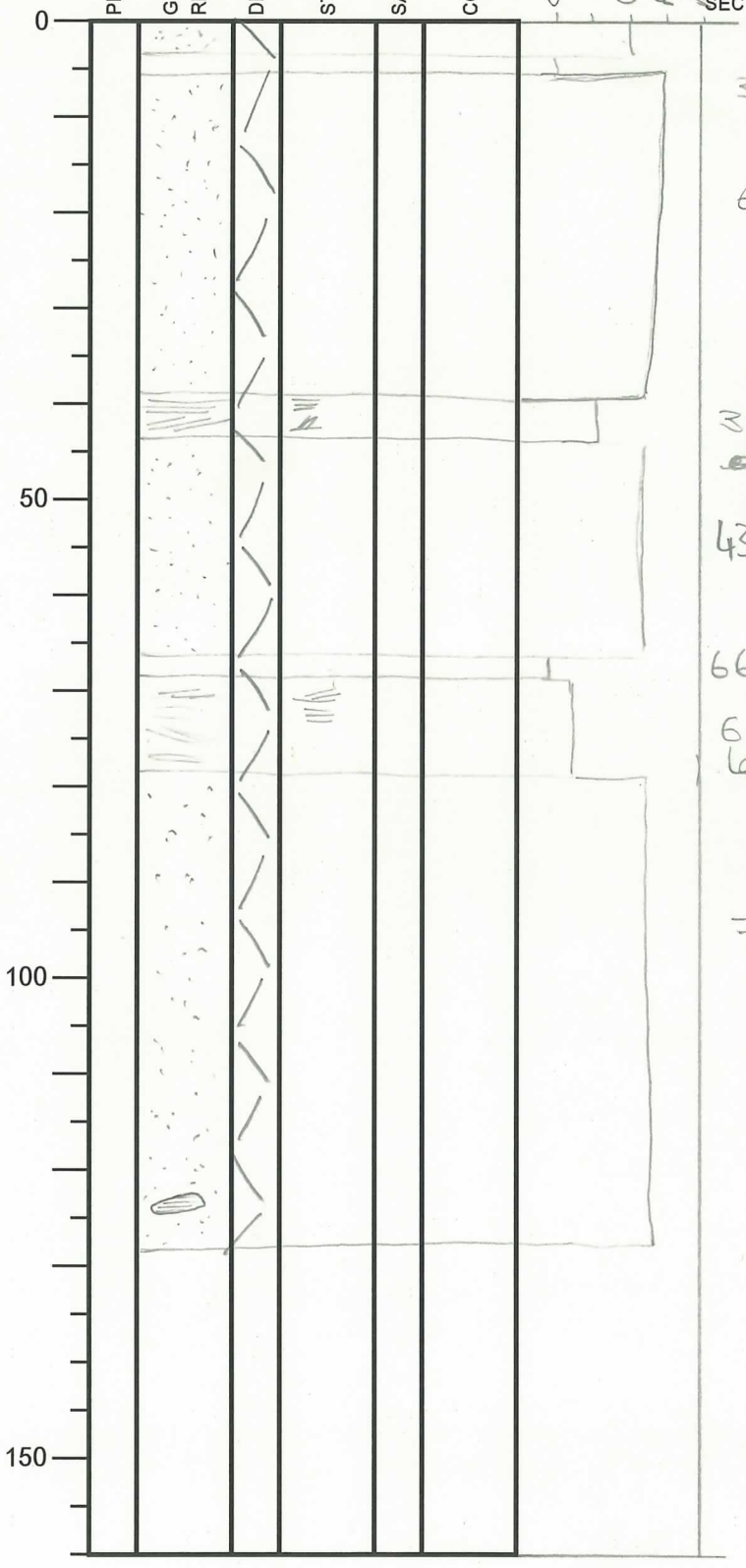
0 - 30 - 1W sample

International Ocean Discovery Program

Visual Core Description

Dark grey sloppy FS.
Some intervals of consolidated silty clay with // lam et X lam.

NO. 6
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: C0024G.
CORE: 16X
SECTION: 6
TOP DEPTH (m CSF):
OBSERBER: PC



SECTION 6 = 0-128.

0-3cm = Sloppy FS.
3-6cm = Grey to green silty clay.

6-38 = Sloppy FS.

38-43 = clayey silt with // lam and X-lam (drilling induced).

43-66,5 = Sloppy FS.

66,5-68 = Silty clay.

68-78 = Clayey silt with diffuse laminae from planes // to X lam

78-128 = Sloppy sand with clast of silty clay at the base.

Heavily affected by drilling.

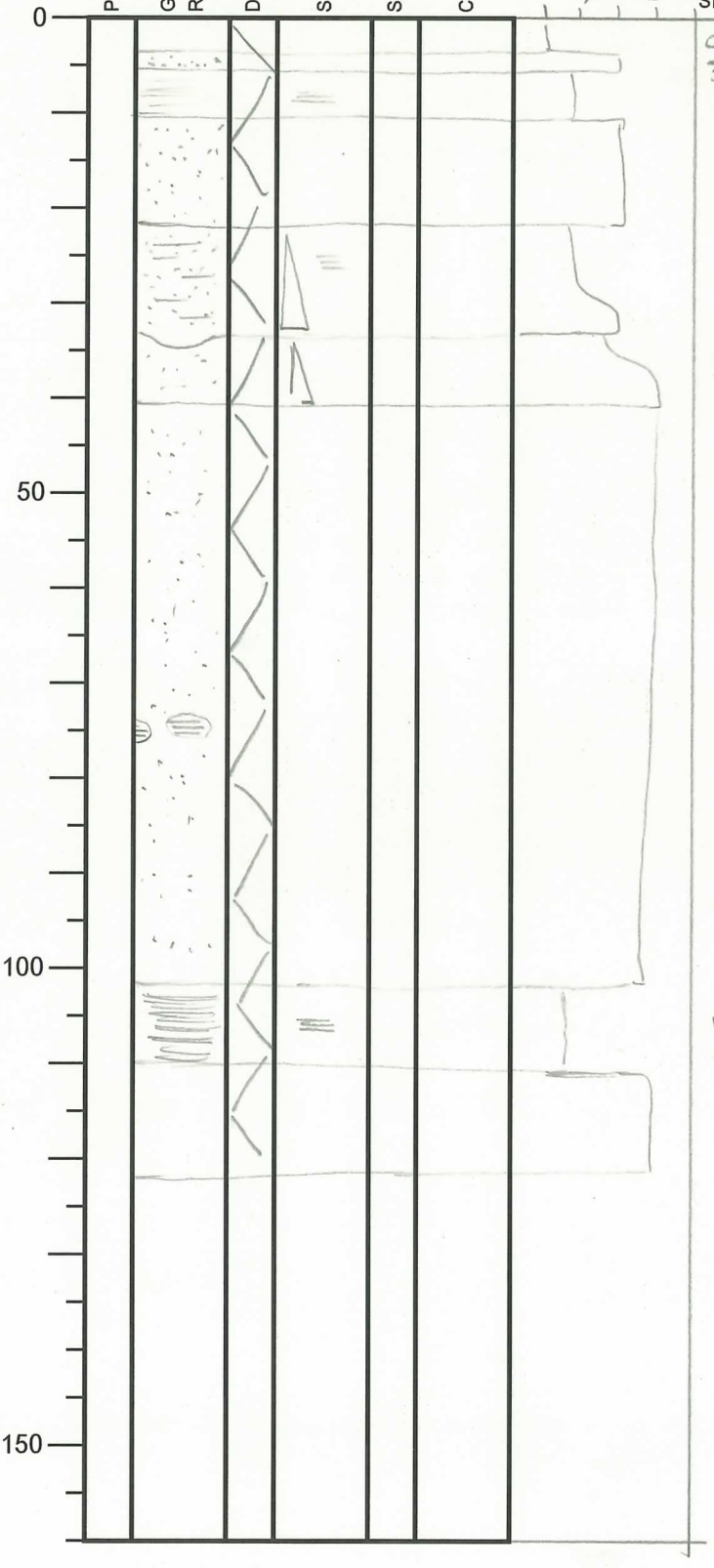
International Ocean Discovery Program

Visual Core Description

Mainly slurry FS with interbeds or clast of silty clay showing diffuse laminae

NO. 7
DATE: 5/8/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 16X
SECTION: 7
TOP DEPTH (m CSF):

OBSERBER: PC



SECTION 7 = 0 - 121 cm

0-3 cm => structureless silty clay.
3-5cm => structureless slurry FS.
5-10 cm => clayey silt with diffuse lam.
10-21 cm => structureless FS.

21-33cm => clayey silt to silty clay with diffuse // lam.

33-40 => Graded silty sand

40-101 => Slurry FS with clast of silty clay floating in the matrix.

101-111 = silty clay with diffuse // laminae -> Lamination or Bedding?

111-121 = Slurry sand (FS).

Heavily affected by drilling.

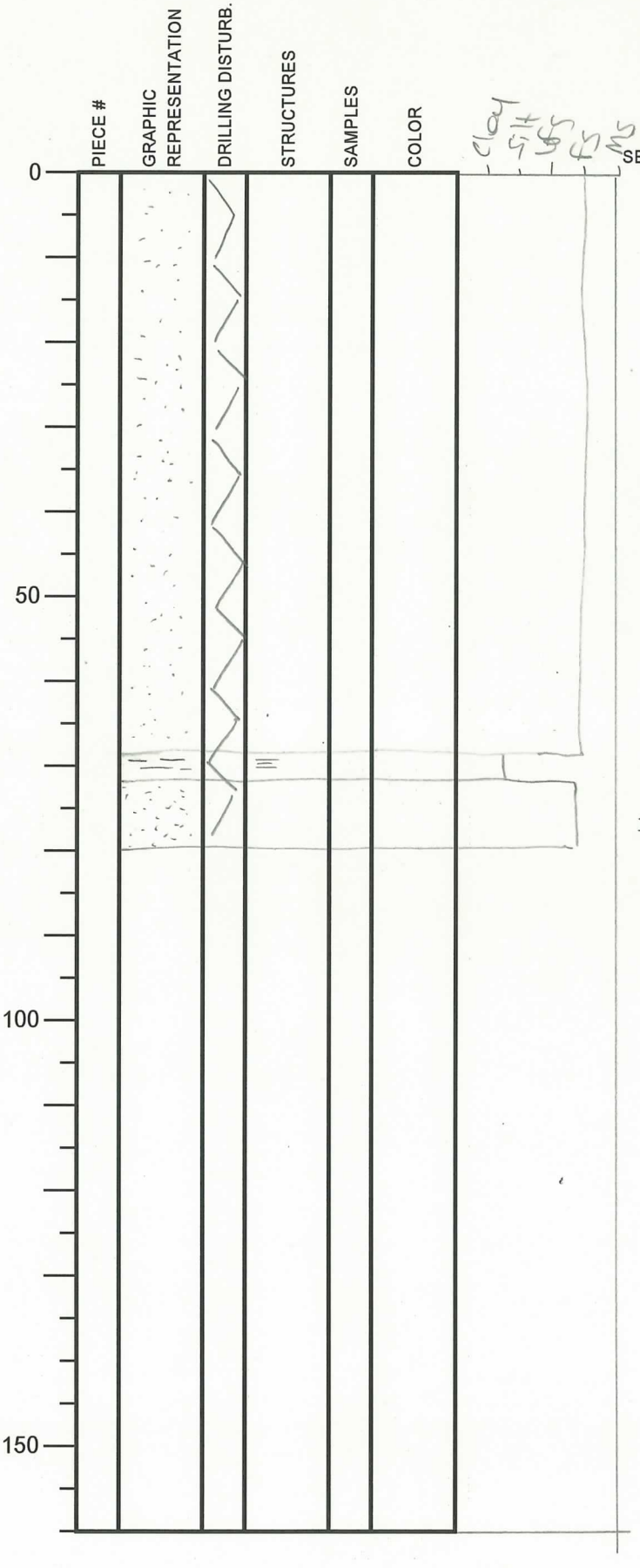
International Ocean Discovery Program

Visual Core Description

Slurry dark grey sand.

NO. 8
DATE: 25/03/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 16X
SECTION: 8
TOP DEPTH (m CSF):

OBSERBER: PC



SECTION 8= 0- 150 cm.

0-69 = Slurry dark grey FS.

69-72 = Clayey silt showing some lamination.

72-80 = Slurry FS.

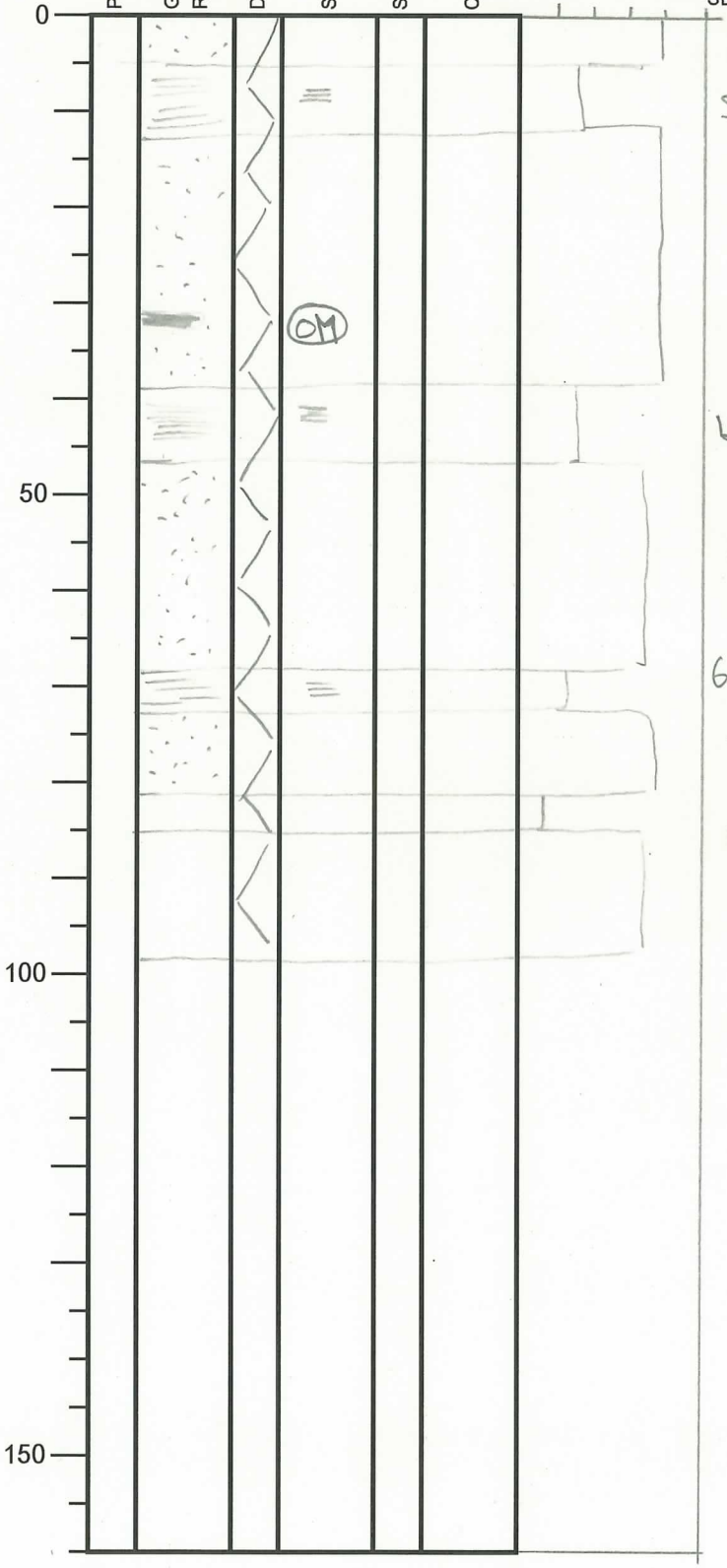
International Ocean Discovery Program

Visual Core Description

Slurry FS at the top.
Sand at the bottom get more cohesive.

NO. 9
DATE: 25/03/2019
EXP.: 358.
SITE/HOLE: C0024G.
CORE: 16X
SECTION: 9
TOP DEPTH (m CSF):

OBSERBER: PC.



SECTION 9: 0-98 cm

0-5 = Slurry FS.
5-14 = Clayey silt with diffuse laminae.

14-41 = Slurry FS.
with a band of dark, organic matter rich

41-47 = Clayey silt with laminae.

47-68 = Slurry FS.

68-76 = Clayey silt with diffuse laminae.
76-82 = Structureless FS. (more cohesive than before)
82-85 = Structureless light grey silty clay
85-98 = Structureless dark grey FS.

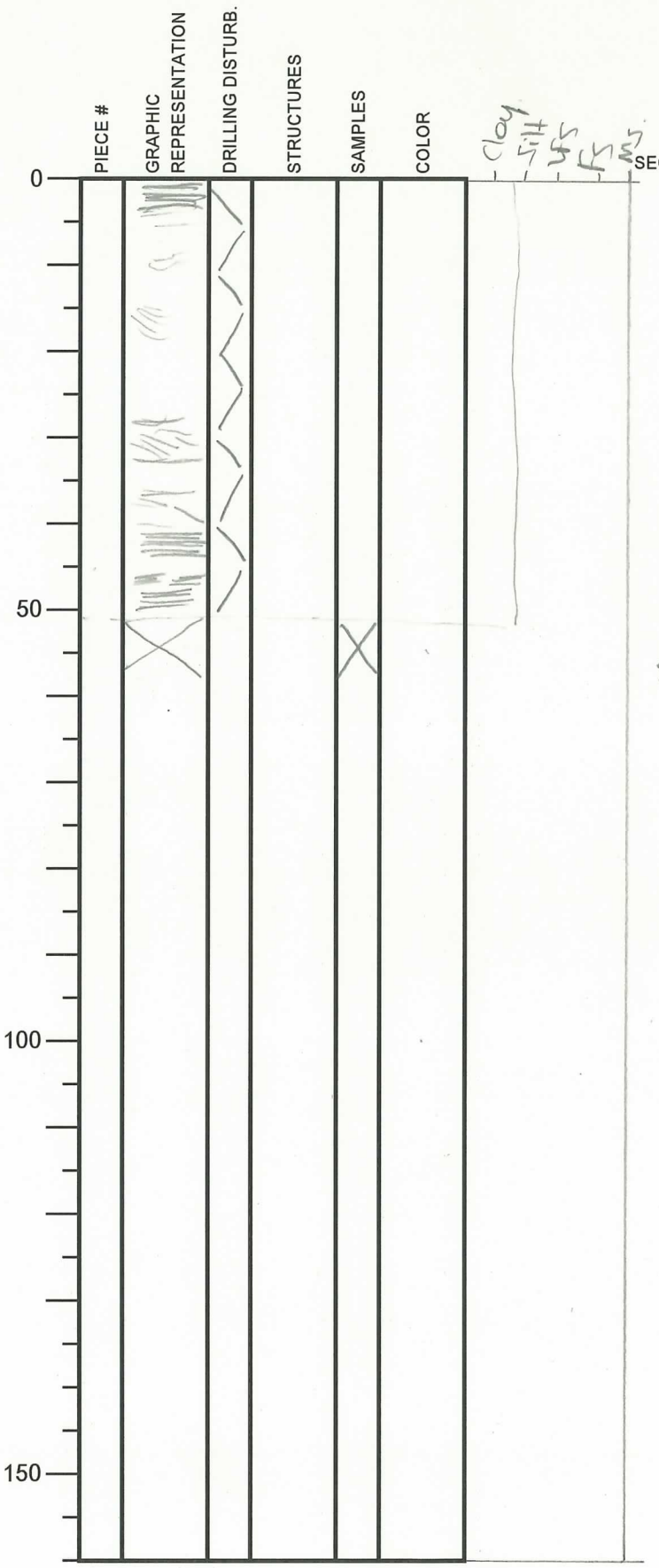
Heavily effected by drilling.

International Ocean Discovery Program

Visual Core Description

NO. 10
DATE: 3/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 16X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: PL.



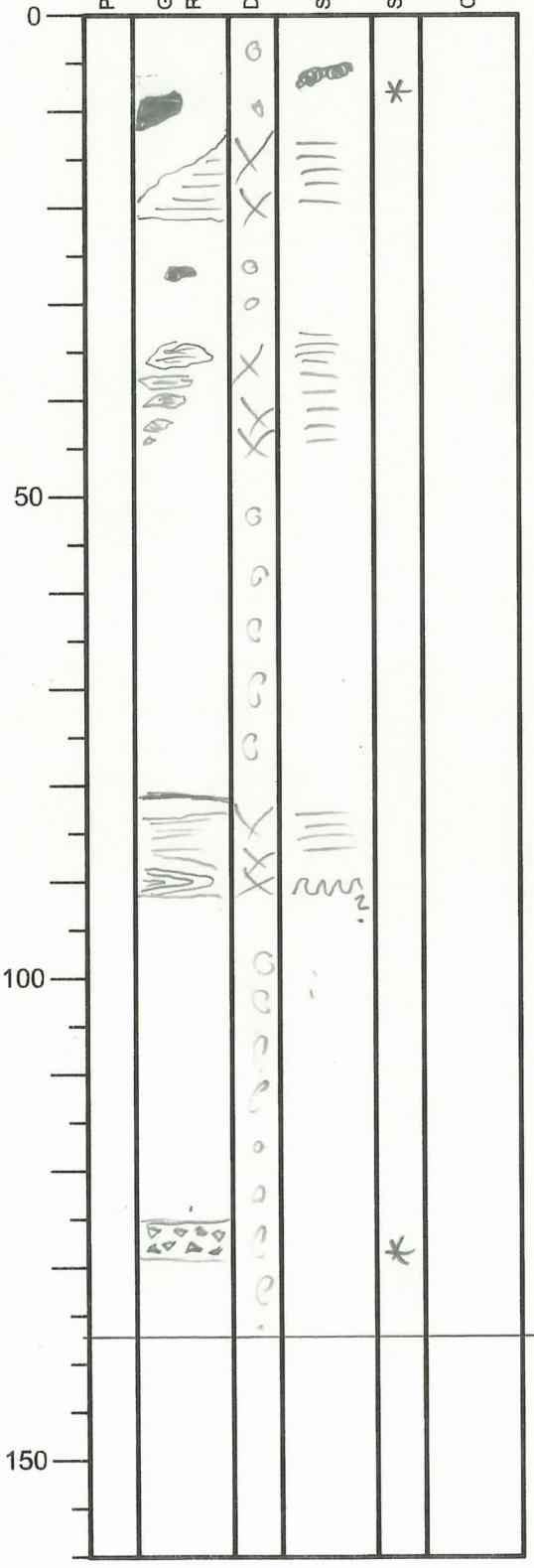
0-51 = Heavily disturbed by drilling.
Mainly clayey silt showing lamination from // to high-angle X laminations.

51-56,5 = PAL sample.

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-25
EXP.: 358
SITE/HOLE: C0024 G
CORE: 17X
SECTION: 1
TOP DEPTH (m CSF):
OBSERBER: [illegible]



0-137.5

silt to silty/muddy sand & -sandstone

mostly very soft to soupy,
slightly color banded & fragments <5 mm

few pieces (heavily fractured, but more or less coherent)
with mm-scale lamination; varves

8-11 cm & 27 cm:
dark gray/brown spongy-squishy component, presumably organic material

82 cm: organic-rich lamina

88-91: lamination appears folded into a recumbent fold

126-129: light gray glass (ash) & siliciclastic material

slight decrease in grainsize towards bottom

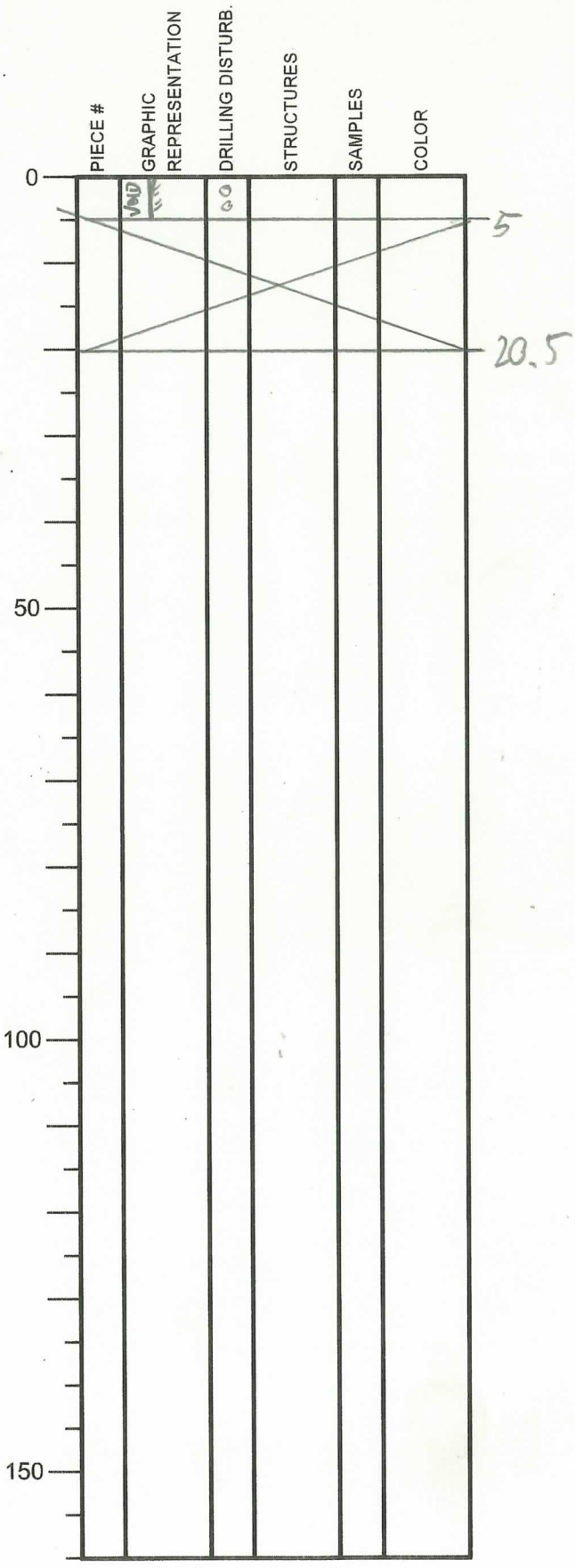
*(SS) = 9cm, 128cm

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-25
EXP.: 358
SITE/HOLE: C0024G
CORE: 17X
SECTION: 2
TOP DEPTH (m CSF):

OBSERBER: DJ



dark gray
0-5 : silty · sand soup

5-20.5: IW (WR sample)

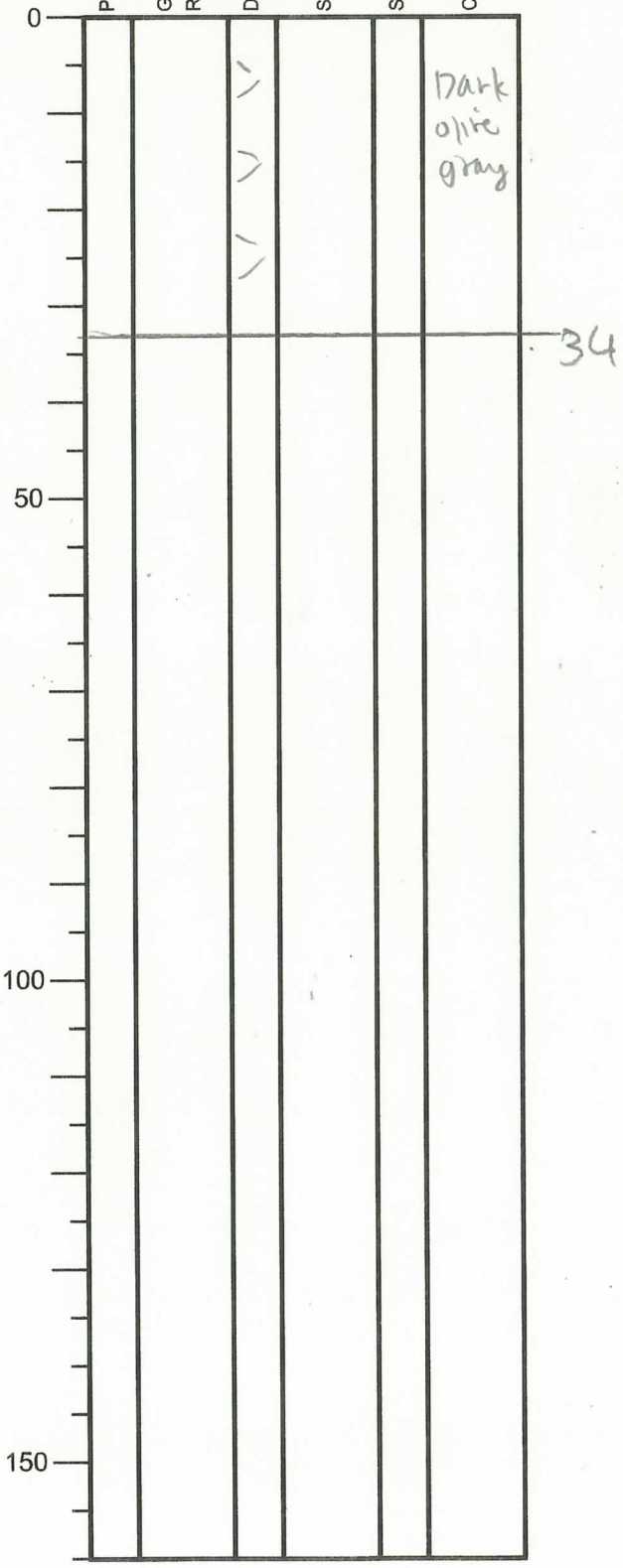
International Ocean Discovery Program

Visual Core Description

0-35: Dark olive gray
Silty sand.

NO.
DATE: / / 20 19-03-25
EXP.: 358
SITE/HOLE: CC024 G
CORE: 17X
SECTION: 3
TOP DEPTH (m CSF):

OBSERBER: DJ / MH



SECTION DESCRIPTION

0-35:
Silty sand.
Fissile texture (~mm)

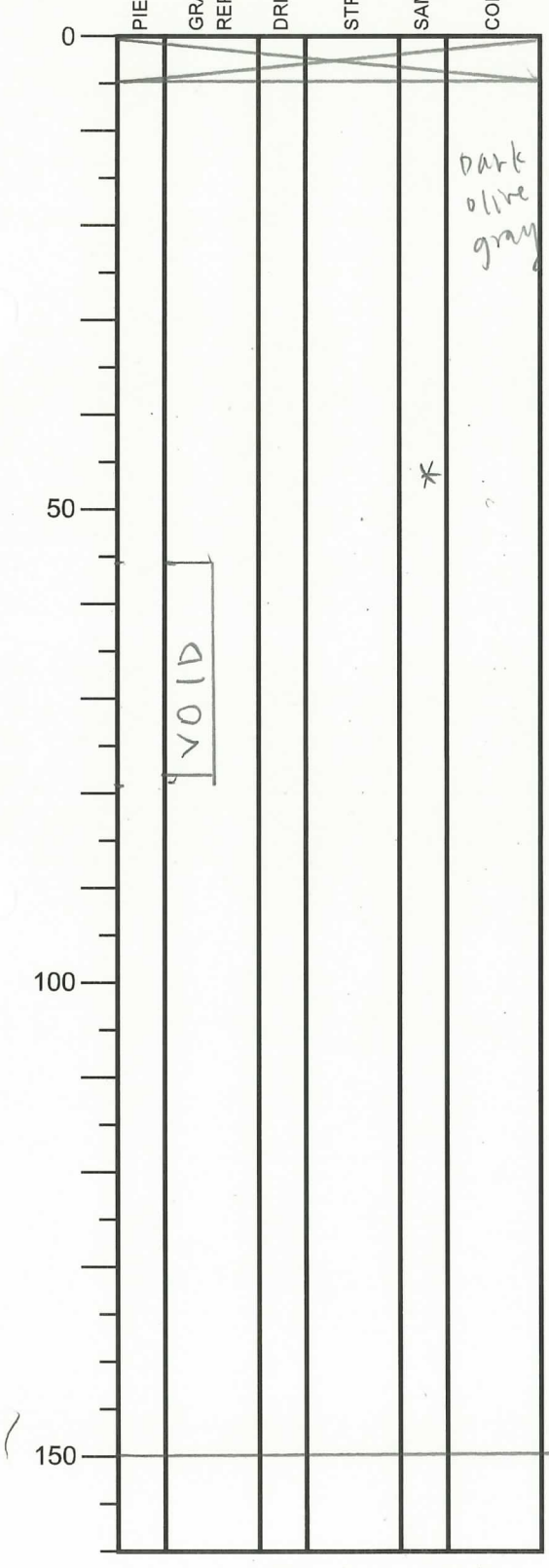
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 17X
SECTION: 4A
TOP DEPTH (m CSF):

OBSERBER: MH

5-150: Silty very fine sand with occasional calcareous (nanno-rich) layers. Dark olive gray.



0-48: silt to silty very fine sand.

Occasional intact (more lithified) pieces (19-24 cm)

41-48: calcareous nannofossil + clay rich layer (gray), lithified

48-137 = silty very fine sand

137-143: Gray (lighter color) nannofossil + glass rich layer (ash)

143-150: silty very fine sand

*(55) = 46cm.

(57-101) structure WR

VCD_sheet_160629

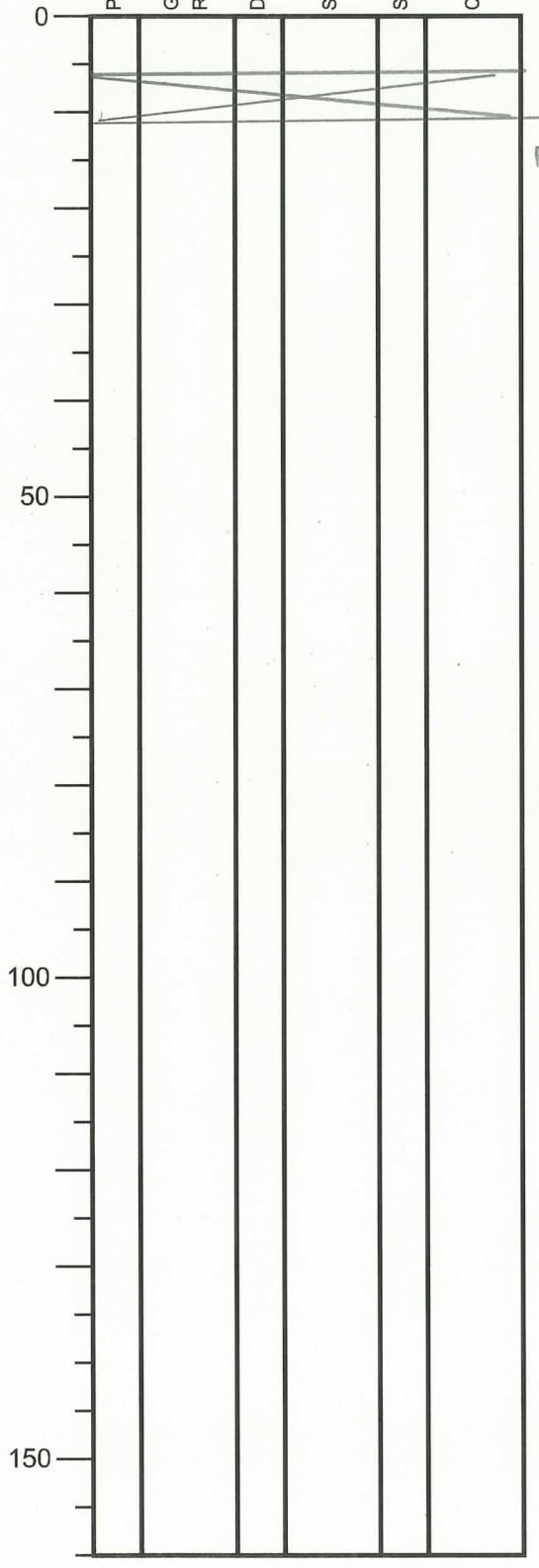
International Ocean Discovery Program

Visual Core Description

0 - 6.5 = Dark olive gray
Silty sand

NO.
DATE: 26/03 / / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 17X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: MH



SECTION DESCRIPTION

0 - 6.5 =

Silty sand.

Fissile fabric (-mm)

International Ocean Discovery Program

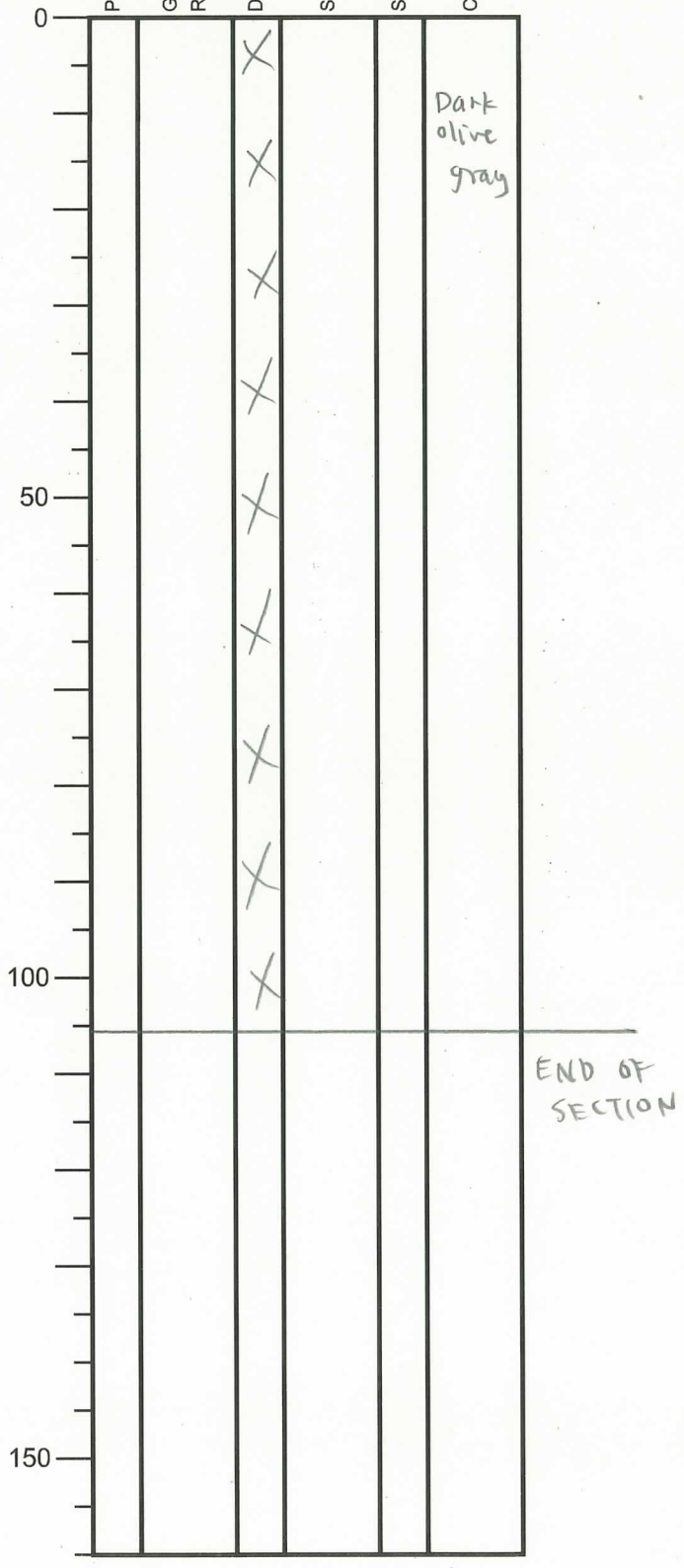
Visual Core Description

0-101 : Dark olive gray

Silty clay to sandy silt

NO. 2603
DATE: / /2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 18X
SECTION: 1A
TOP DEPTH (m CSF):

OBSERBER: MH



0-101 : Silty clay to Clayey silt to sandysilt

Mostly drilling breccia/cuttings

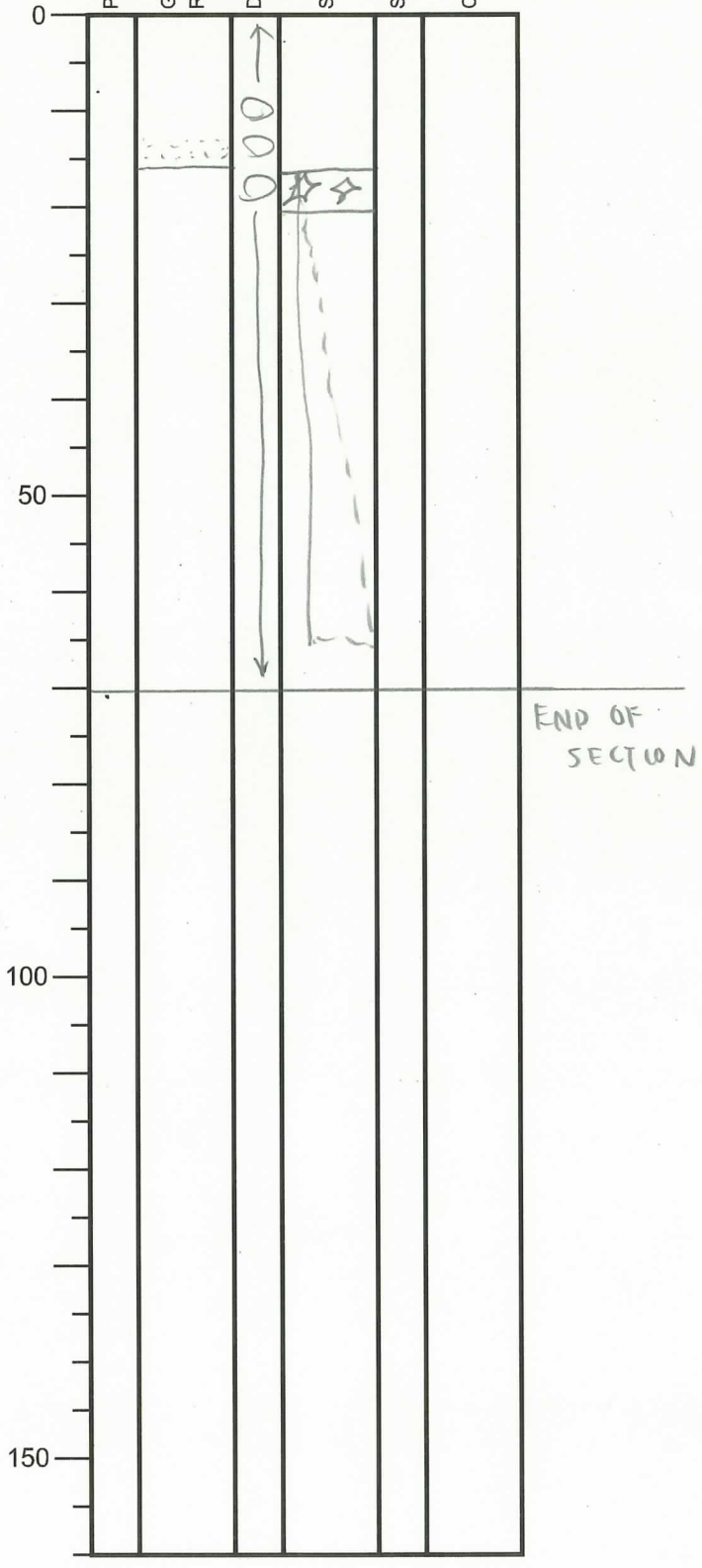
International Ocean Discovery Program

Visual Core Description

0-70: Dark olive gray SILTY VERY FINE SAND AND SILT.

NO.
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 18X
SECTION: 2A
TOP DEPTH (m CSF):

OBSERBER: MH



0-17: very fine to fine sand, Normal graded.

17-21: Light gray ash (glass + lithics)

21-48: Silt

48-70: silty very fine sand to fine sand,

overall slight trend of normal grading.

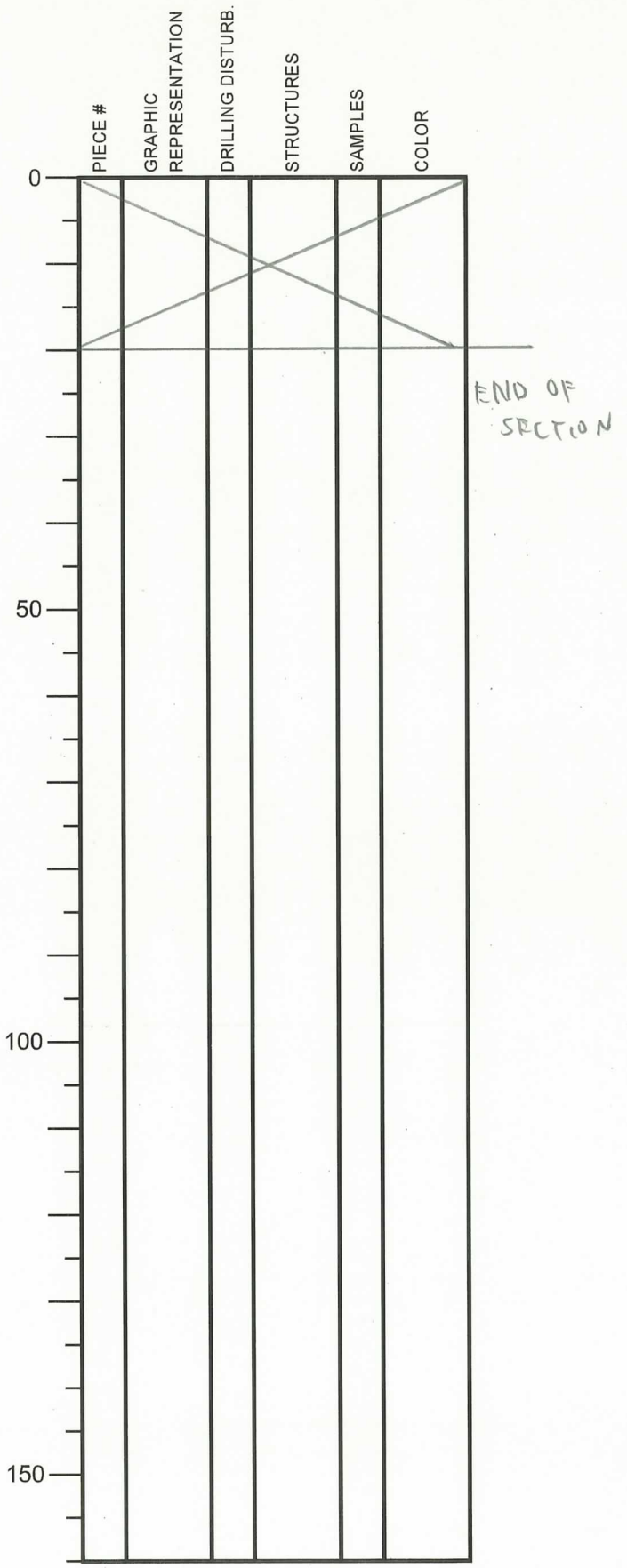
(Highly biscuited. ~mm interlayers of clay. most likely due to biscuiting)

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 26 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 18X
SECTION: 3A
TOP DEPTH (m CSF):

OBSERBER: MH



SECTION DESCRIPTION

0-20 = IW

END OF SECTION

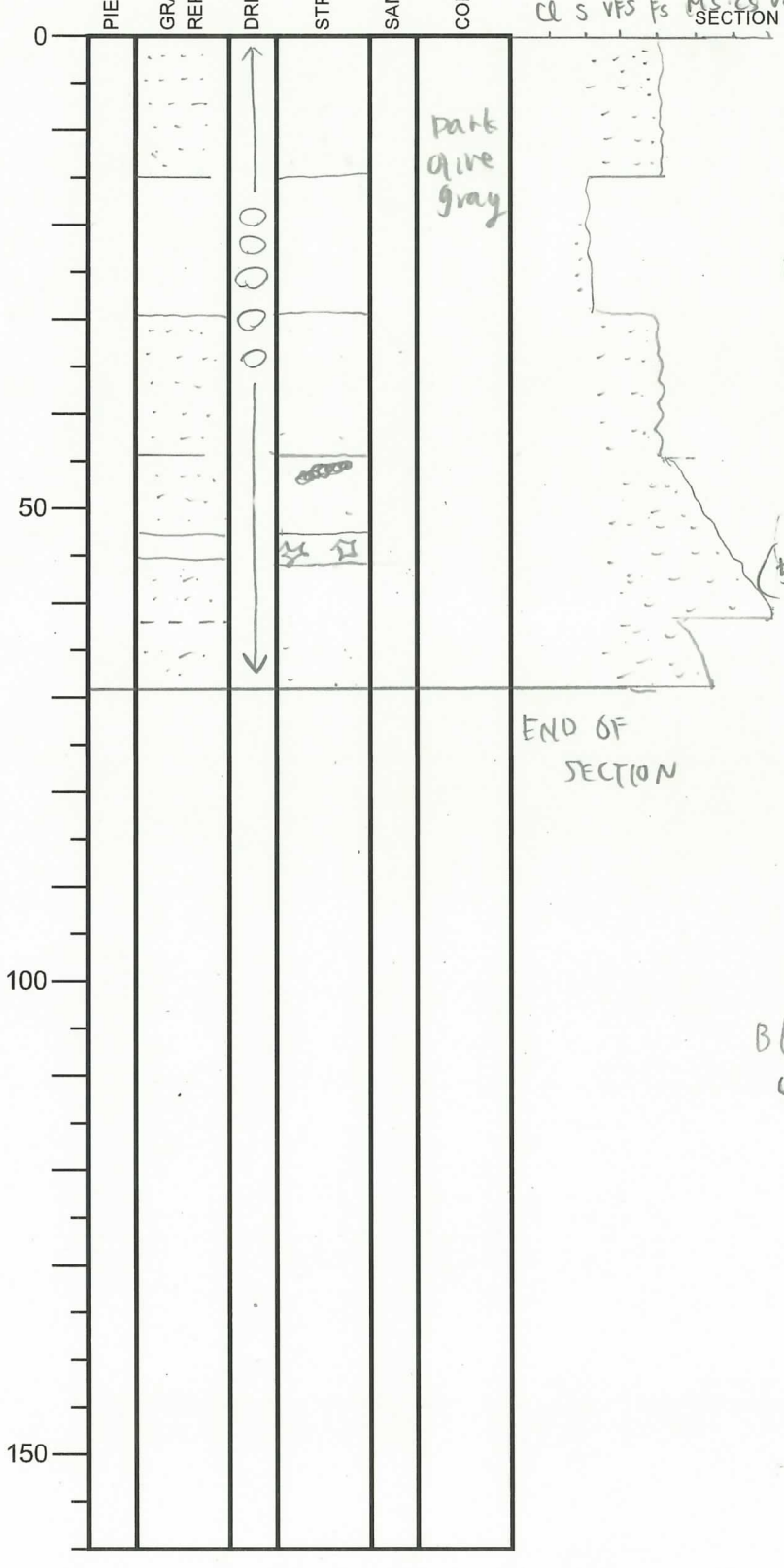
International Ocean Discovery Program

Visual Core Description

0-68: FINE SAND
(fine-medium sand)
dark olive gray

NO.
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 18X
SECTION: 4A
TOP DEPTH (m CSF):

OBSERBER: MH



0-15: Fine sand.

15-28: Silt (glass-rich)

28-44: Fine sand

44-57: Normal graded, Fine to medium to very coarse sand

53-57: contain 2-5 mm pumice clasts (clear glass))

57-68: Fine to medium sand

(Highly biscuited
Interlayers (~mm) of clay likely due to biscuits)

Black patches within sand.
44-48 (glass + lithics + organic material)

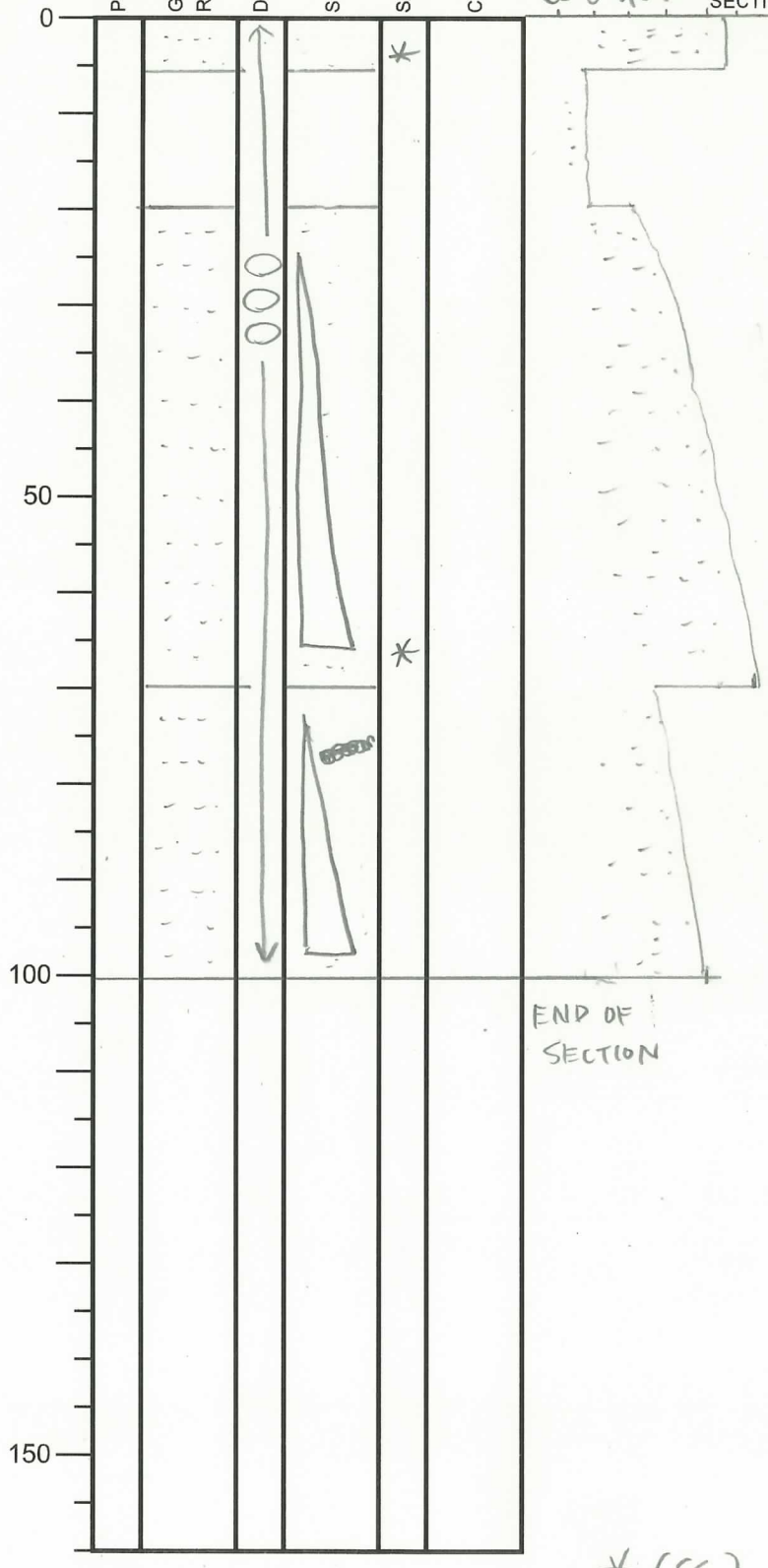
International Ocean Discovery Program

Visual Core Description

0-101: Dark olive gray
VERY FINE - FINE - MEDIUM TO VERY COARSE SAND,
two cycles of normal grading

NO.
DATE: 26 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 18 X
SECTION: 5A
TOP DEPTH (m CSF):

OBSERBER: MH



0-7: Medium to coarse sand

7-20: silty clay

20-70: Normal graded, very fine to very coarse sand, with 3-4mm clasts & many (pebbles)

Area of interest @ 64-70

70-101: Very fine sand to medium sand, normal graded.

(76-79: Black patch in sand. → Organic material rich sand

'X' Highly biscuited throughout

*(SS) = 4cm, 67cm

International Ocean Discovery Program

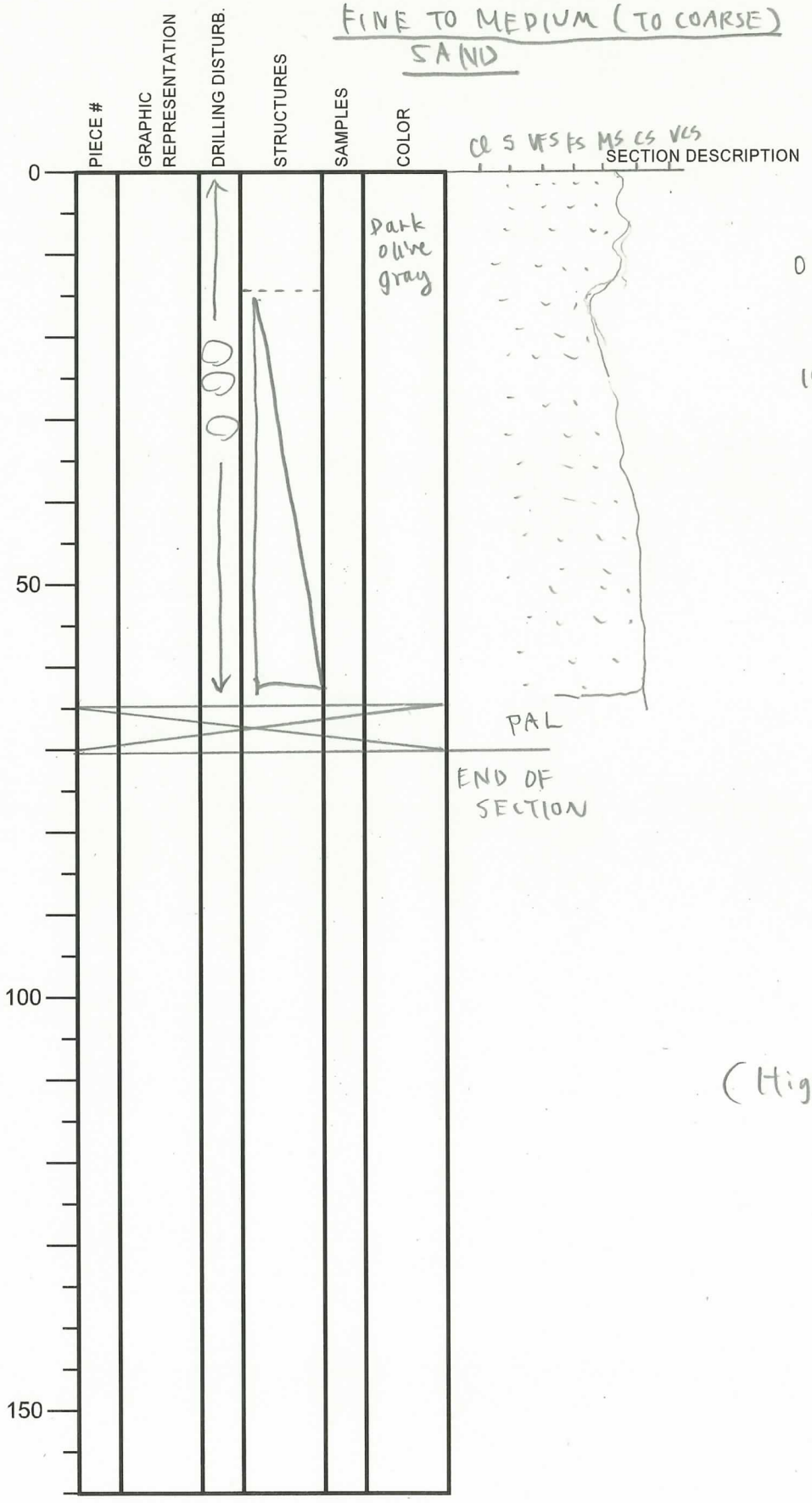
Visual Core Description

0-65 = Dark olive gray

FINE TO MEDIUM (TO COARSE) SAND

NO.
DATE: 26 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 18X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: MH



0-14 = Medium (to coarse) sand. (contain ~mm pumice clasts)

14-65 = Fine to medium to coarse sand. Normal grading.

(Highly biscuited throughout)

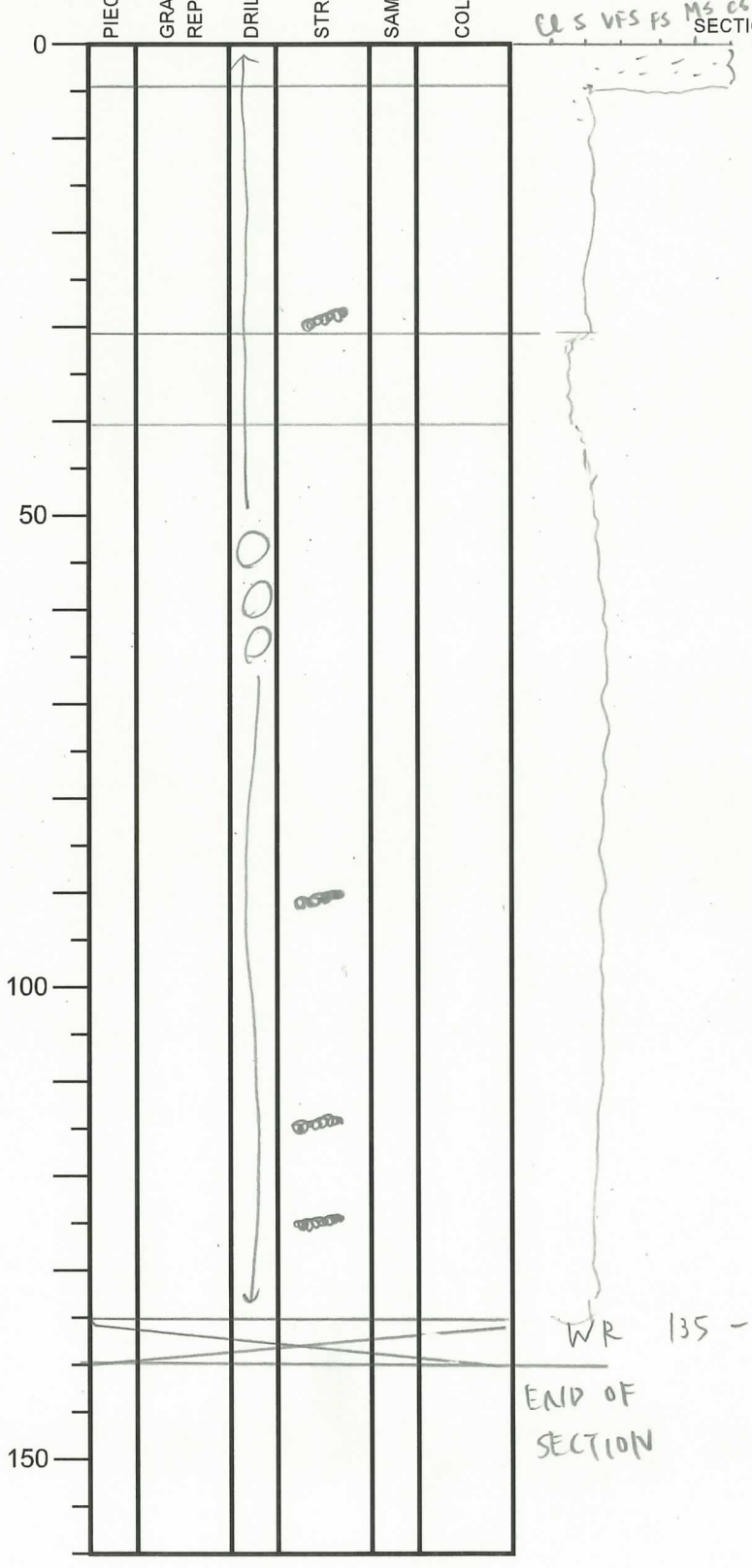
International Ocean Discovery Program

Visual Core Description

0-135 : Dark olive gray SILTY CLAY TO CLAYEY SILT. (COARSE SAND AT TOP)

NO. 2603
DATE: / /20(9
EXP.: 358
SITE/HOLE: C0024G
CORE: 19X
SECTION: 1A
TOP DEPTH (m CSF):

OBSERBER: MH



0-4 : Coarse sand

4-32 : Silt.

32-42 : Silty clay

42-135 : Silt (clayey silt)

Brownish-black organic material layer (clast ?) 3-5mm @ 126cm, 116cm, 90cm, 31cm

95-99 : mica-rich

Alteration of color is observed : Olive gray to Dark olive gray

Biscuited

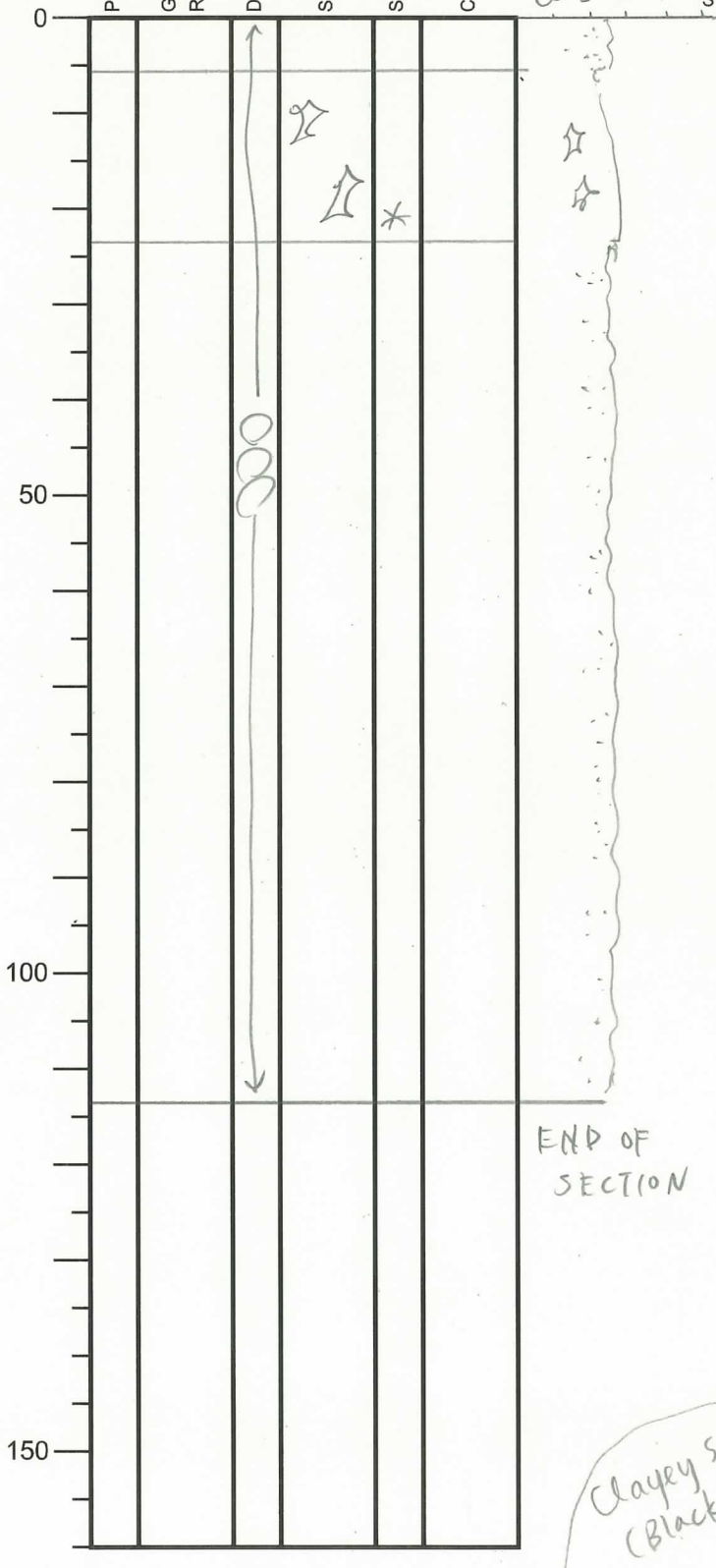
International Ocean Discovery Program

Visual Core Description

0-114 = SILT TO VERY FINE SAND WITH ASH LAYER (light gray) olive black to Dark olive gray

NO.
DATE: 26 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 19X
SECTION: 2A
TOP DEPTH (m CSF):

OBSERBER: MH



0-7: Silt to very fine sand. Olive black - black colur.

7-23: Ash layer; normal graded (silt - vfs)
Gradational color change

7-12 = Light gray
12-20: Grayish Olive
20-23: Olive black
(Ash content decrease ↓ with depth, more lithics) downwards

23-114: Silt to very fine sand

(Occasional color variation)

23-30: Olive black
31-40: Dark olive gray
40-43: Olive black
43-69: Dark olive gray
69-72: Olive black
72-81: Dark olive gray
81-85: Olive black
85-98: Dark olive gray
98-100: Olive black
100-105: Dark olive gray
105-114: Olive black

(Clayey silt (Blacker) ? silty clay (Greener))

*SS = 11cm Biscuited

VCD_sheet_160629

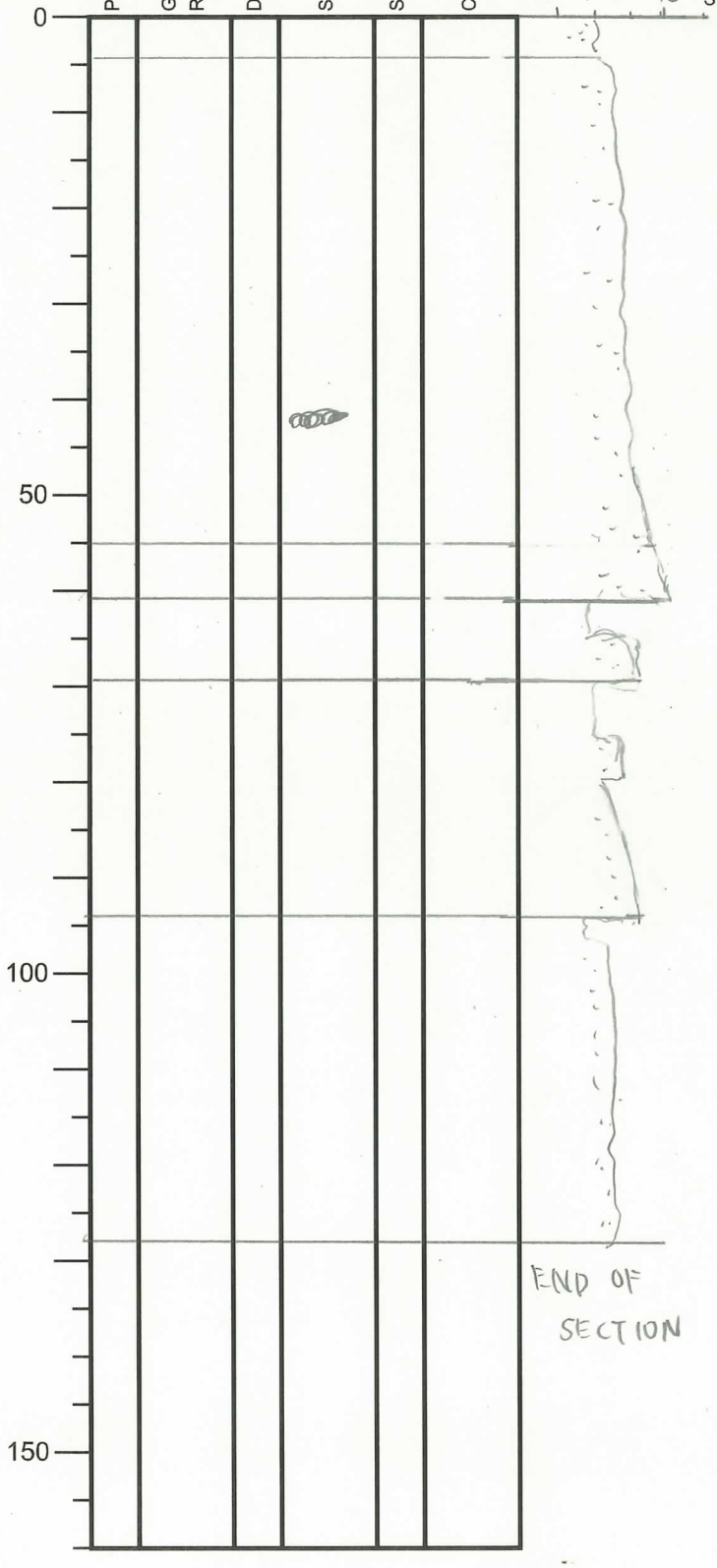
International Ocean Discovery Program

Visual Core Description

0-129 : Olive black to Dark olive gray SILT TO VERY FINE SAND

NO.
DATE: 26 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024 Q
CORE: 19X
SECTION: 3A
TOP DEPTH (m CSF):

OBSERBER: MH



0-4 : Silt

4-55 : silt to very fine sand (Black)

55-61 : Fine to very fine sand, sharp base & slight normal grading.

61-65 : Silty clay

65-69 : Fine to very fine sand, sharp base (Black)

69-76 : Clayey silt

76-80 : Very fine sand

80-94 : Normal graded silt to very fine sand, sharp base (Black)

94-96 : Clayey silt

96-129 : silt to very fine sand.

42-44 : Organic-rich material layer (3mm)

46-47 : " 5mm

52-57 : " 4mm

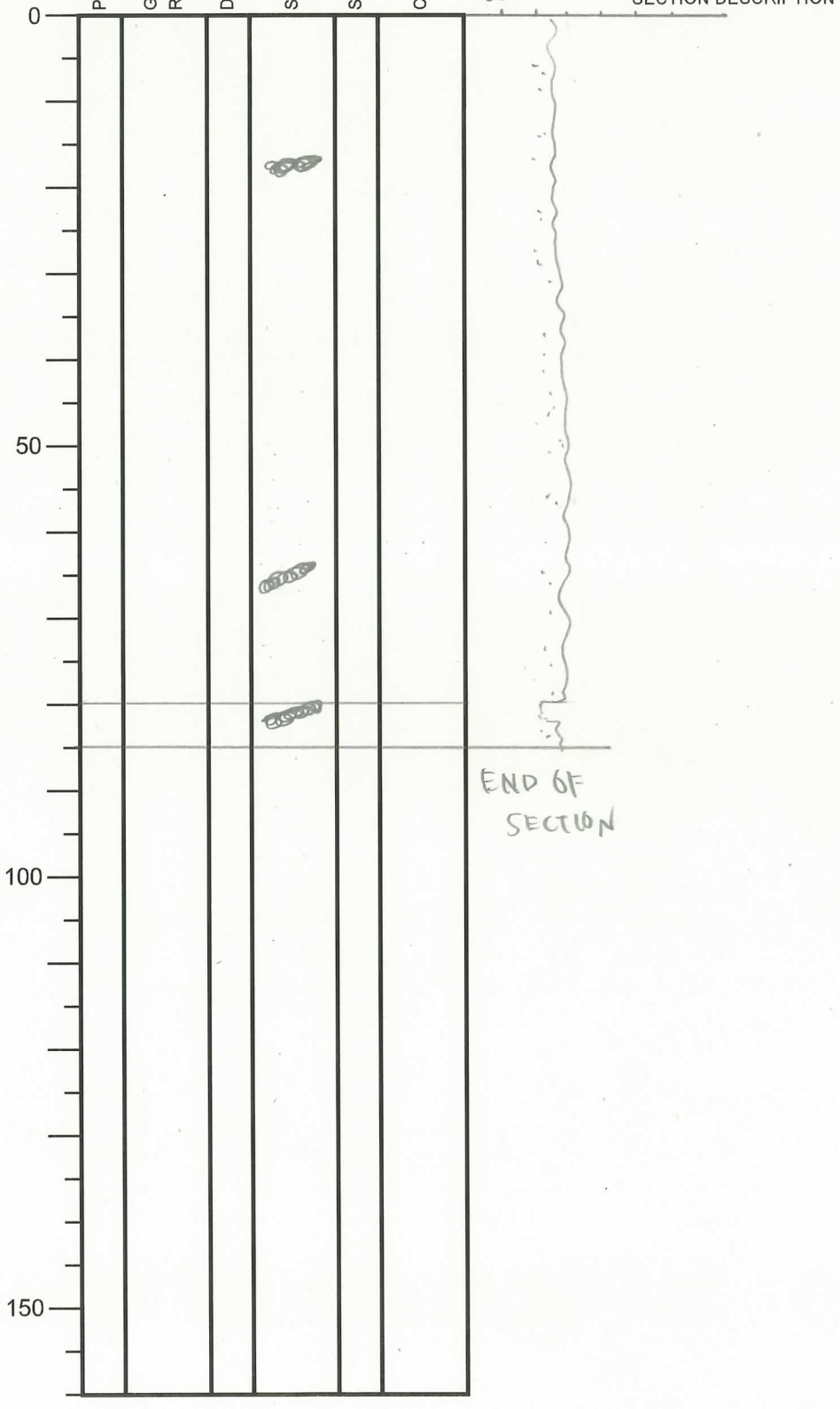
International Ocean Discovery Program

Visual Core Description

0-85: Dark olive gray
SILT TO VERY FINE SAND

NO.
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 19X
SECTION: 4A
TOP DEPTH (m CSF):

OBSERBER: MH



0-80: silt to very fine sand.

80-82: Silt tiny (light gray. rich in glass)

82-85: silt to very fine sand

Black patch (organic material)

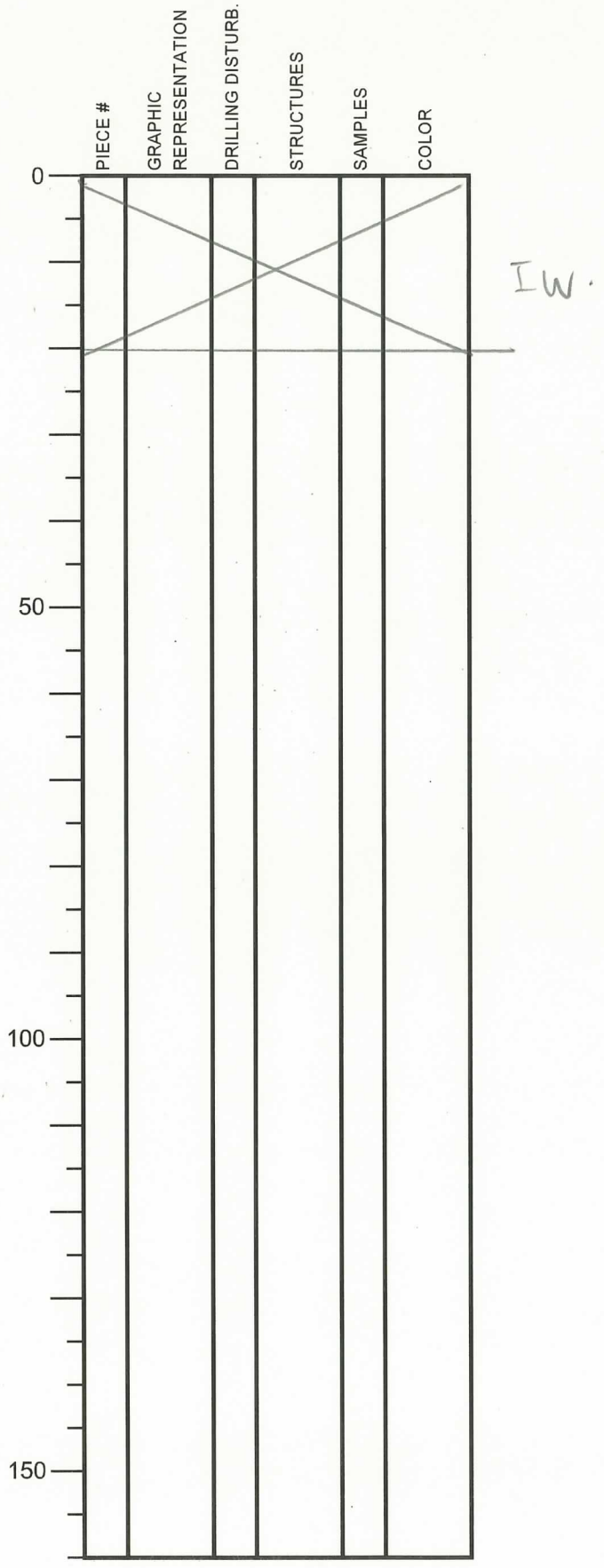
Black Organic material clasts 19-22 cm, 64-70 cm., 82-85 cm

International Ocean Discovery Program

Visual Core Description

NO. 2603
DATE: / /2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 19X
SECTION: 5A
TOP DEPTH (m CSF):

OBSERBER: MH



International Ocean Discovery Program

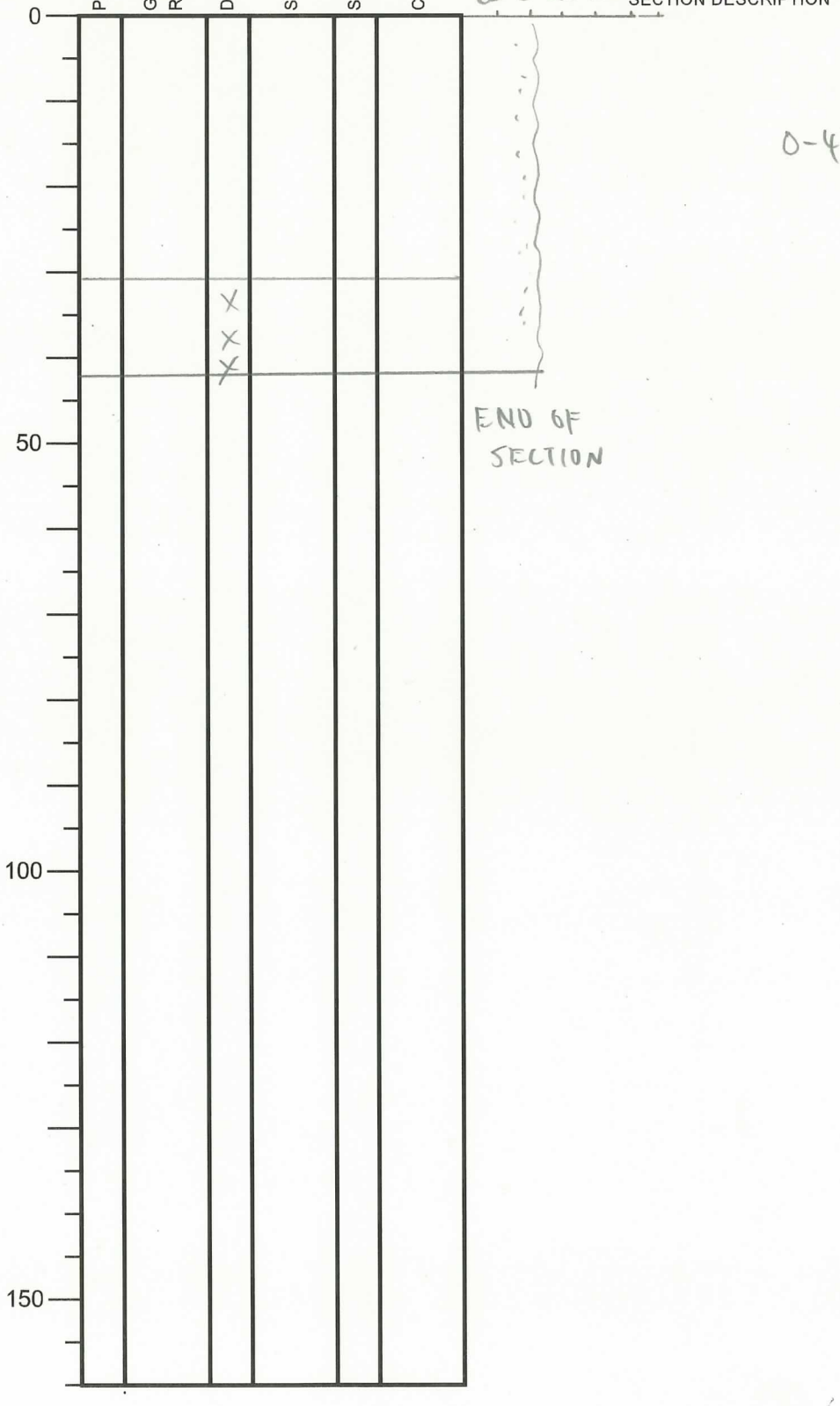
Visual Core Description

NO. 2603
DATE: / / 2019
EXP.: 358
SITE/HOLE: C0024C
CORE: 19X
SECTION: 6A
TOP DEPTH (m CSF):

OBSERBER: MH

0-42: Dark olive gray SILT

0-42 : silt



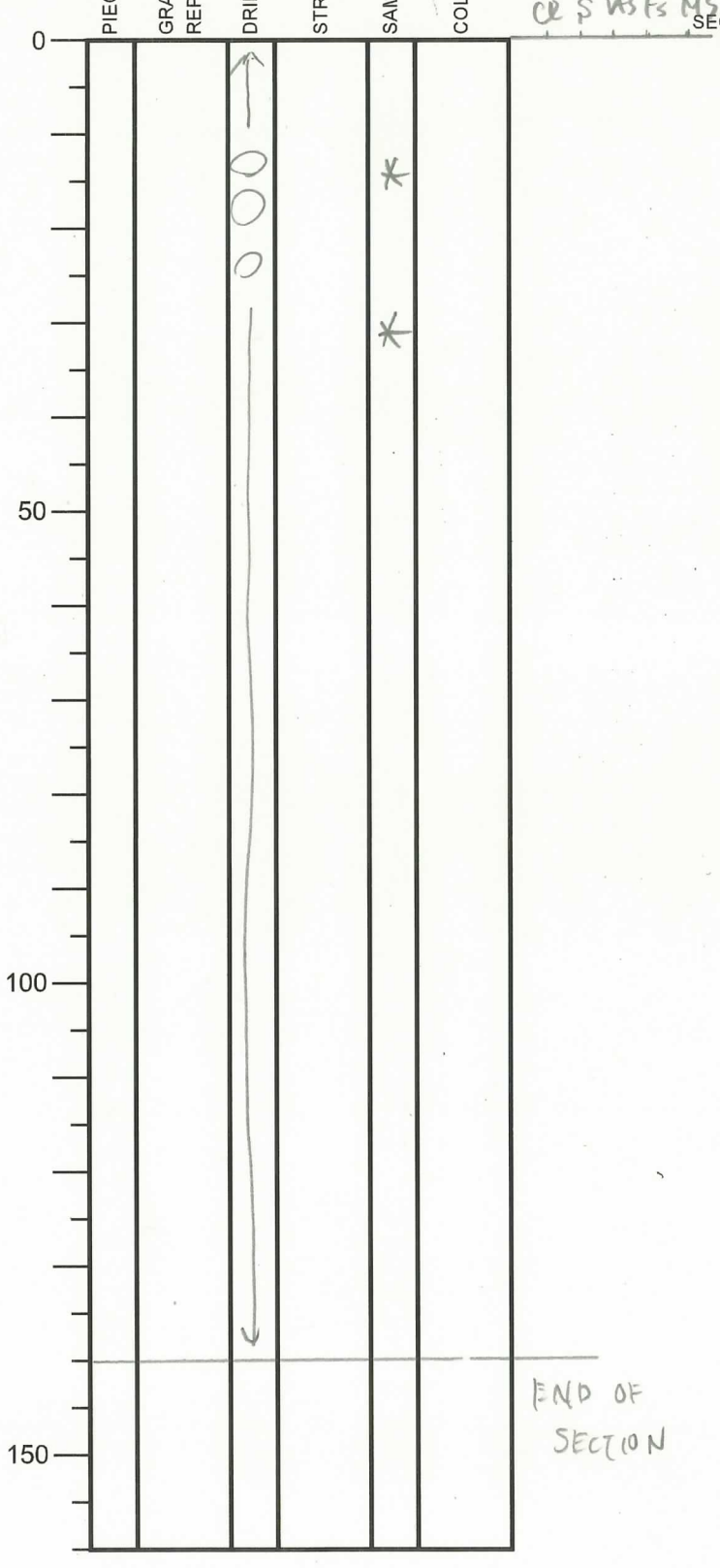
International Ocean Discovery Program

Visual Core Description

NO. 2603
DATE: / /20 19
EXP.: 358
SITE/HOLE: C0024G
CORE: 19X
SECTION: 7A
TOP DEPTH (m CSF):

OBSERBER: MH

0-140: SILT TO FINE SAND, INTERBEDDED, Dark olive gray



0-14: Very fine sand.

14-17: Silt (lighter gray)

17-20: very fine sand

20-22: Silt

22-33: Very fine sand to fine sand, Normal graded

33-35: Silty clay

35-38: Fine sand

38-45: Silt

45-49: Silty clay

49-56: Very fine sand. (52-53: Lighter gray)

56-68: Silt Graded (66-68)

68-120: Silty very fine sand

120-122: Fine sand

122-124 Silty v.f.s.

124-140: Fine sand

Biscuited

SS *: 15cm, 31cm

VCD_sheet_160629

International Ocean Discovery Program

Visual Core Description

0-83.5 : SILTY VERY FINE SAND

Gray.

NO.

DATE: 26 /03/ 20 19

EXP.: 358

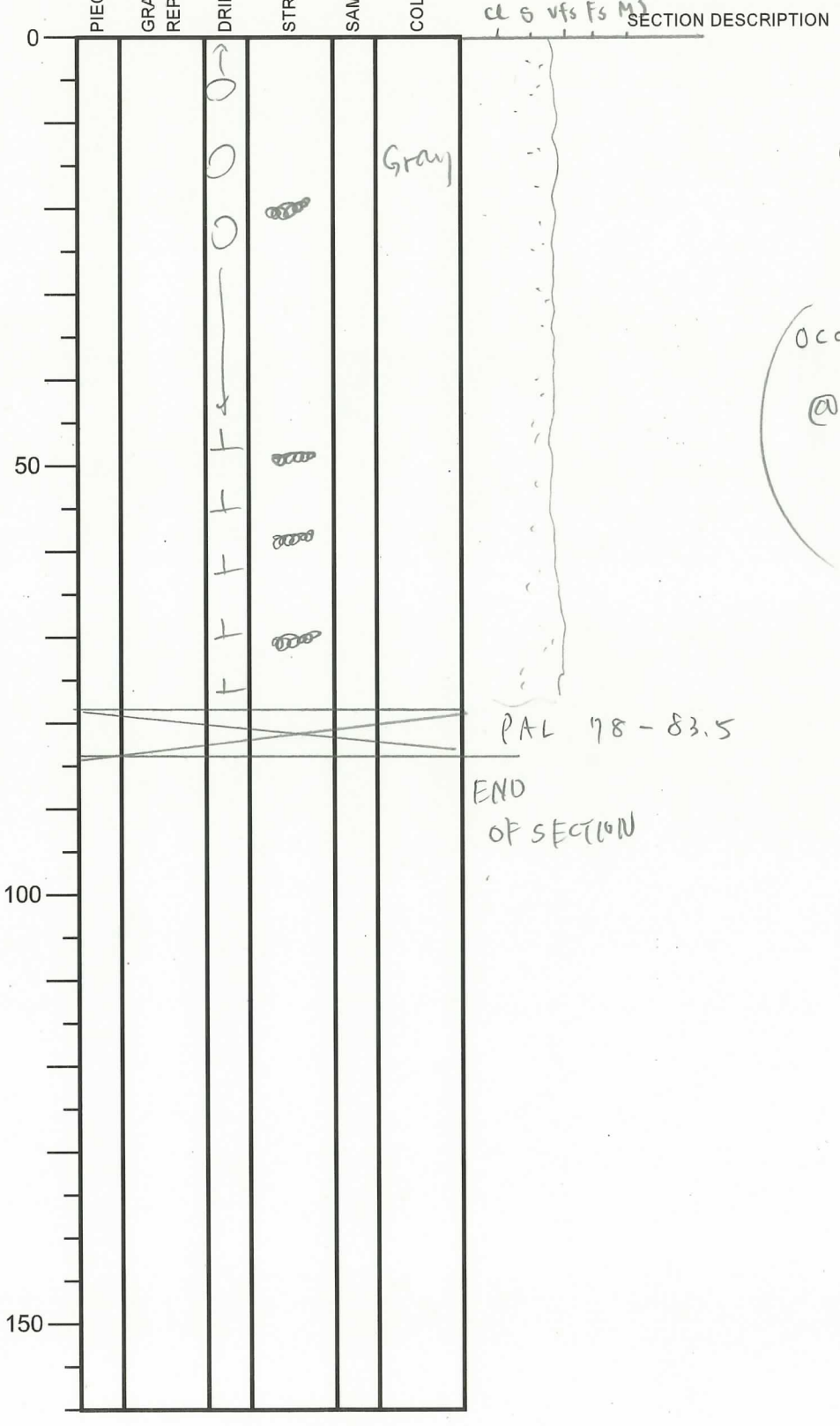
SITE/HOLE: C0024G

CORE: 19X

SECTION: CC

TOP DEPTH (m CSF):

OBSERBER: M.I.



0 - 83.5 :

SILTY VERY FINE SAND

(Occasionally organic-rich black patch / clast / layer.
@ 18-19
50-51, 57-59
69-72)

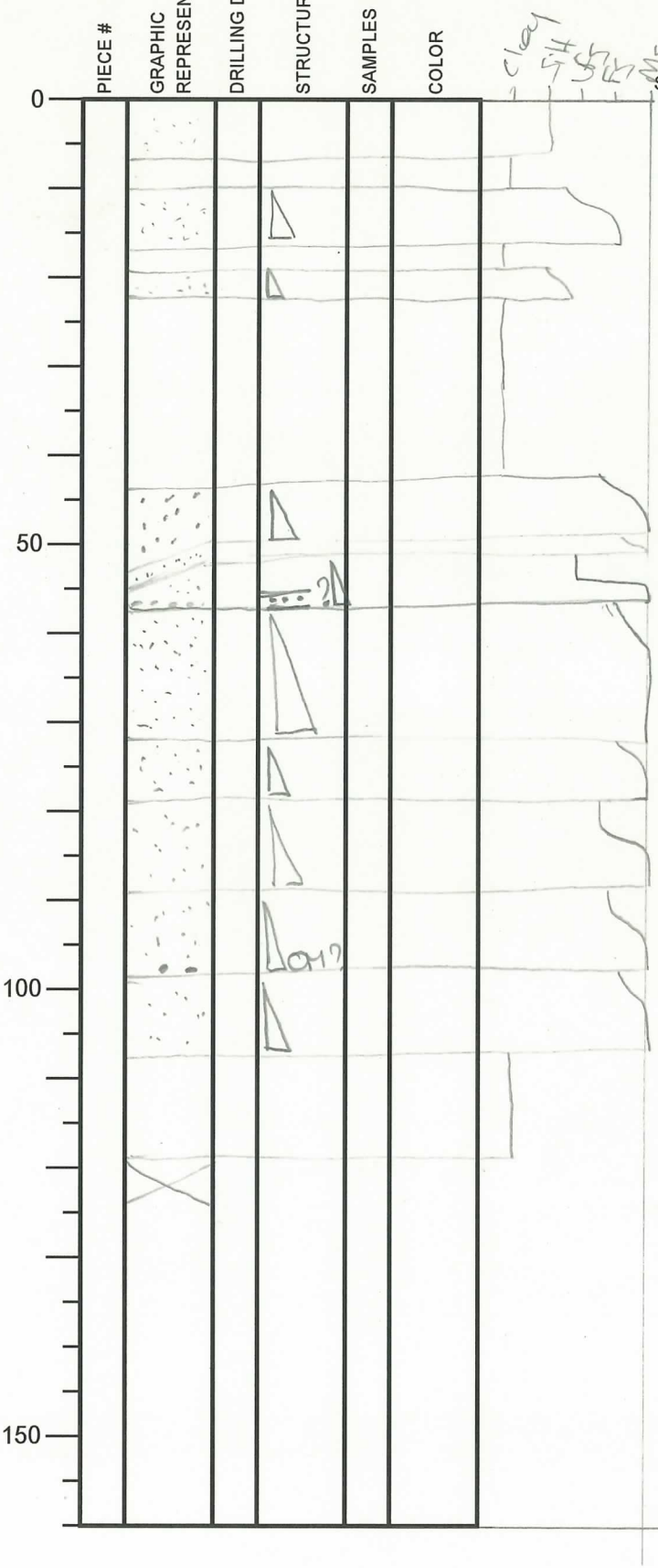
International Ocean Discovery Program

Visual Core Description

Stacked of Thin to thick bedded graded MS with some intervals of dark grey structureless silty clay.

NO. 1
DATE: 26/03/2019.
EXP.: 358
SITE/HOLE: C0024G.
CORE: 20X
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: PC



SECTION 1: 0-124

0-7 : Structureless clayey silt.
7-10 : Structureless silty clay.
10-17 : Graded FS.
17-19 : Silty clay.
19-23 : Graded clayey silt.
23-44 : Structureless dark grey silty clay.

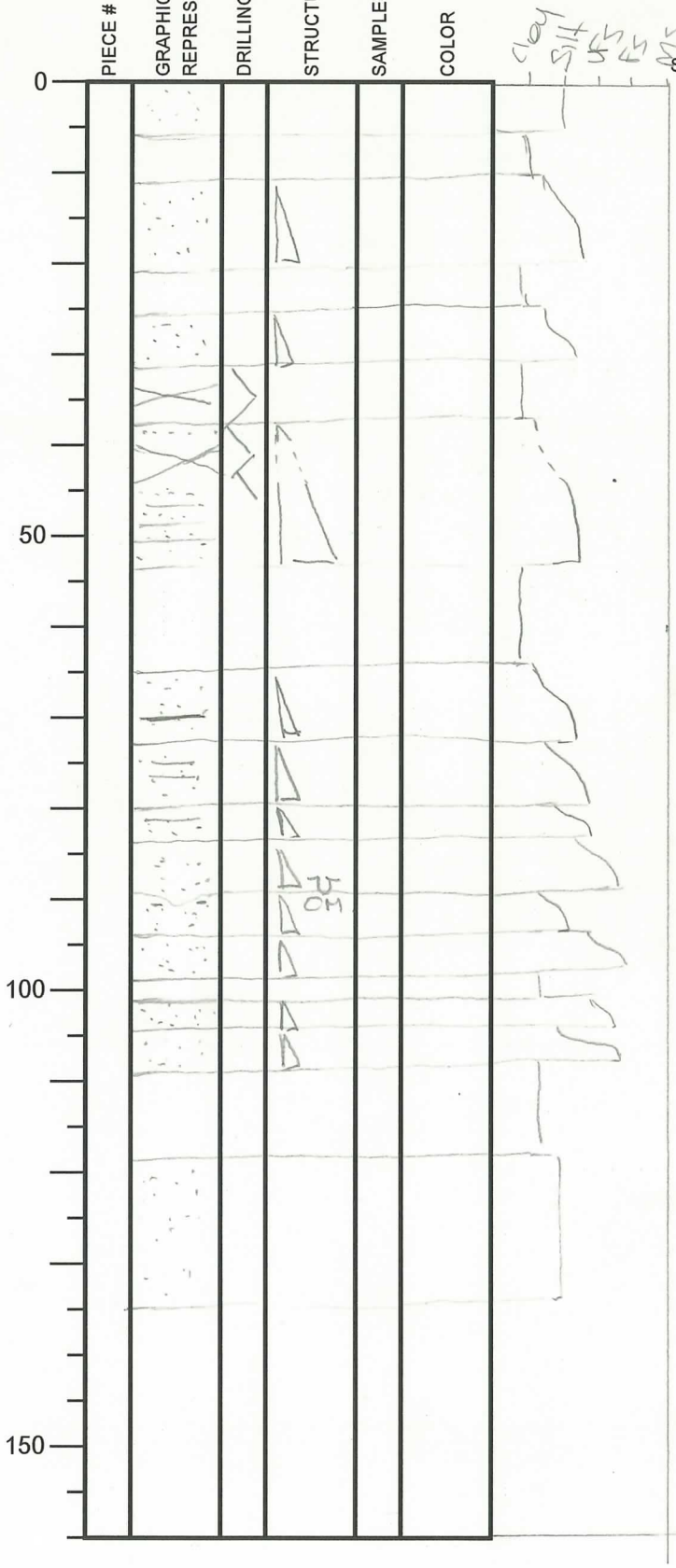
44-50 = Graded MS.
50-53 = Graded MS
53-57 = Graded MS. Base of MS at the base => reaction carpet ?
57-72 => Graded MS
↳ Concentrated density flow.
72-78 => Graded MS
78-89 => Graded MS
89-98 => Graded MS. with presence of OM at the base
98-108 => Graded MS.
108-119 = Structureless silty clay.
119-124 = WR Sample.

International Ocean Discovery Program

Visual Core Description

Stacked of thin bedded graded silt with some intervals of structureless silty clay.

NO. 2
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: U1524G
CORE: 20X
SECTION: 2X
TOP DEPTH (m CSF):
OBSERBER: PC



SECTION 2: 0 - 135 cm

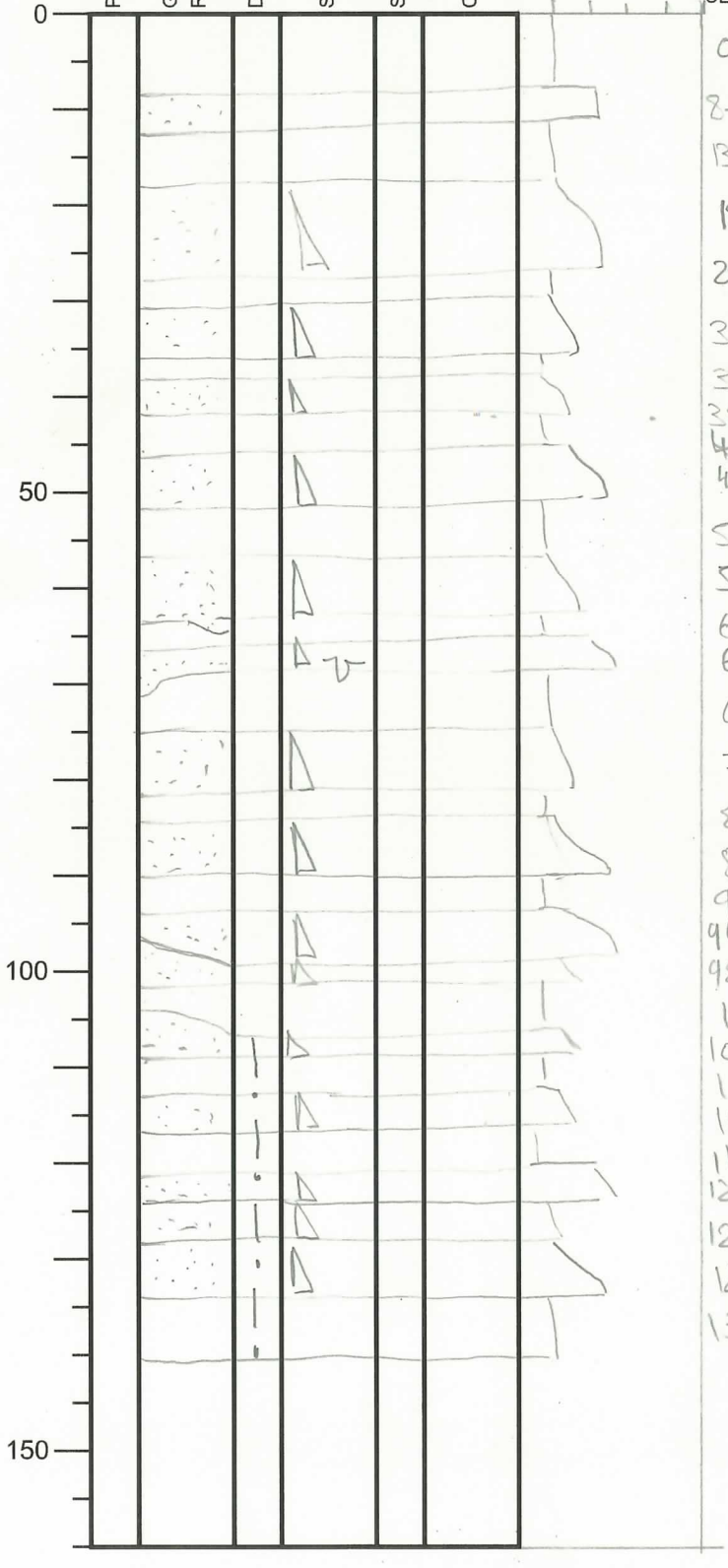
0-7cm: Structureless clayey silt.
7-11cm: Structureless silty clay.
11-21cm: Graded clayey silt.
21-26cm: Structureless silty clay.
26-32cm: Graded clayey silt.
32-38cm: Structureless silty clay. with 2 cm void in the middle.
38-54: Graded clayey silt with some laminae of dark silty clay. void between 44-45cm.
54-65: Structureless silty clay.
65-73: Graded clayey silt with some laminae of clay.
73-80: Graded VFS to silt with some laminae of silty clay
80-84: Graded VFS.
84-89: Graded VFS with erosive base.
89-94: Graded silt with OM at the top
94-98: Graded FS.
98-102: Structureless clayey silt.
102-104: Graded FS.
104-109: Graded FS.
109-119: Structureless silty clay.
119-135: Structureless clayey silt

International Ocean Discovery Program

Visual Core Description

Stacked of graded dark grey thin bedded silt, vfs and fs. with some intercals of thin bedded light to dark grey silty clay.

NO. 3
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: U0246
CORE: 20X
SECTION: 3
TOP DEPTH (m CSF):
OBSERBER: PC



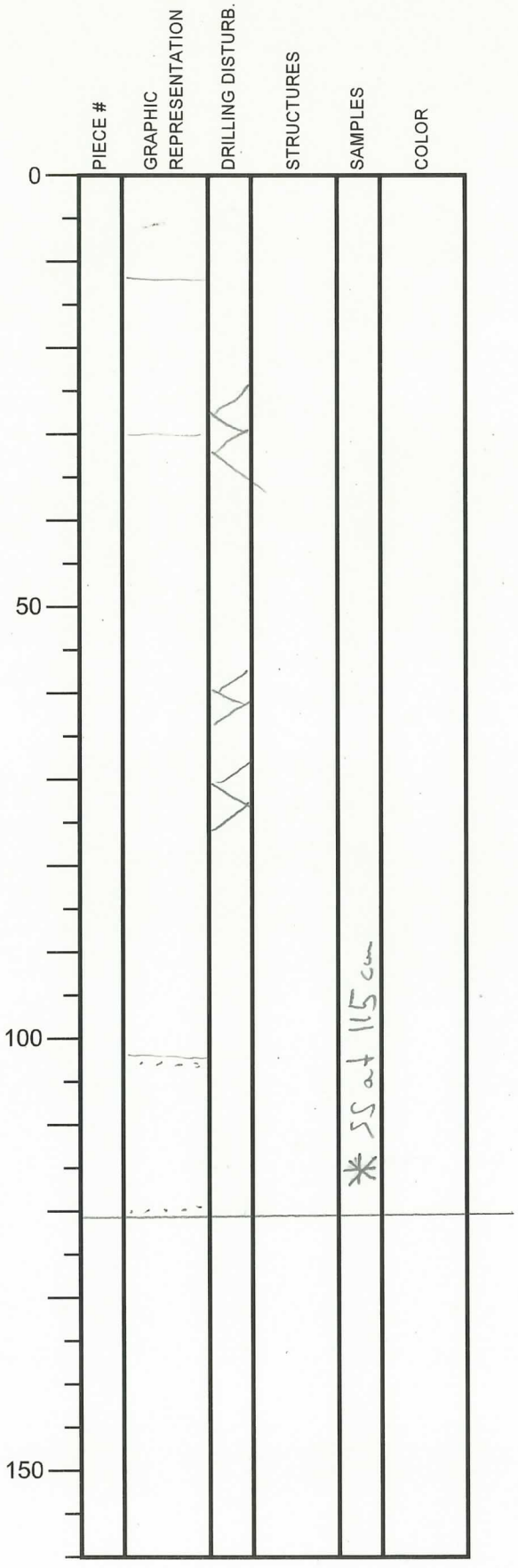
SECTION 3: 0-140 cm

0-8 cm: Structureless silty clay
8-13 cm: Structureless clayey silt.
13-18 cm: Structureless silty clay.
18-28 cm: Graded clayey silt.
28-31 cm: Structureless silty clay.
31-36 cm: Graded silt
36-38 cm: Structureless silty clay
38-42 cm: Graded silt
42-46 cm: Structureless silt
46-52 cm: Graded vfs.
52-57 cm: Structureless silty clay
57-64 cm: Graded silt.
64-67 cm: Structureless silty clay
67-69: Graded vfs with erosive base
69-75: Structureless silty clay
75-82: Graded vfs.
82-84: Structureless silty clay.
84-90: Graded vfs
90-94: Structureless silty clay
94-98: Graded vfs
98-102: Graded silt
102-106: Structureless silty clay
106-106: Graded silt
106-113: Structureless silty clay
113-117: Graded silt
117-121: Structureless silty clay to clayey silt
121-124: Graded vfs
124-127: Graded silt
127-134: Graded vfs
134-140: Structureless silty clay

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-26
EXP.: 358
SITE/HOLE: C0024 G
CORE: 20X
SECTION: 4
TOP DEPTH (m CSF):
OBSERBER: DJ



SECTION DESCRIPTION

0-13: dark olive gray silty clay to clayey silt

13-30: brownish gray silt

30-103: dark olive gray silty clay to clayey silt

103-120.5: dark brownish gray sandy silt

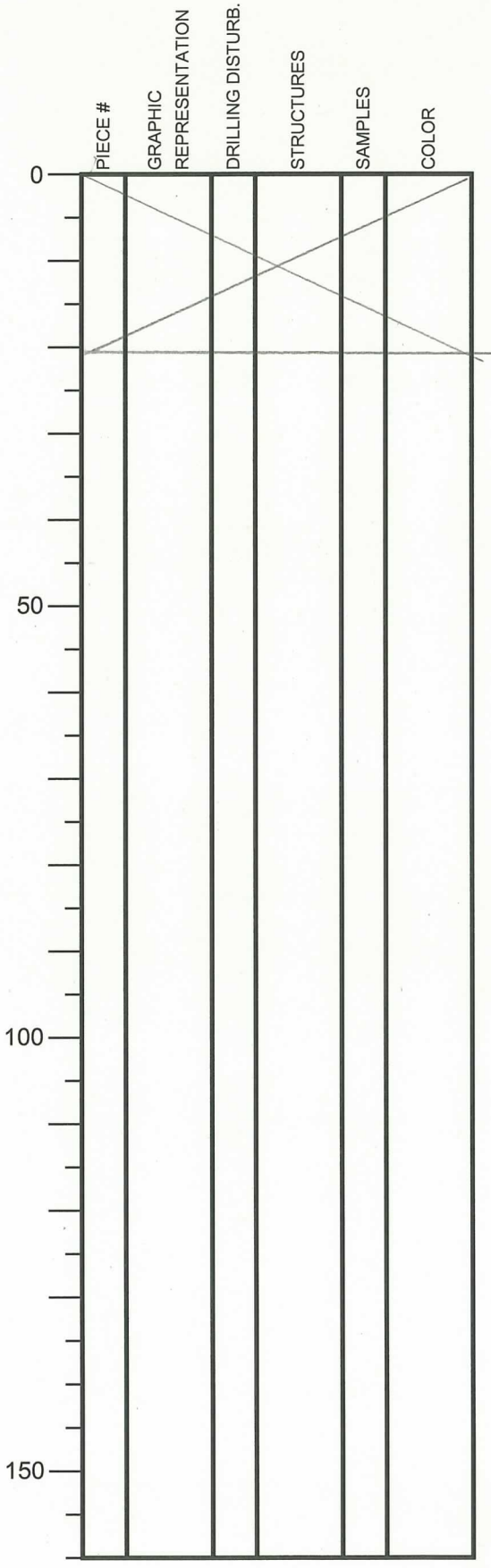
local drilling deformation/fracturing

CHIKYU Operation

Last Update 06/Nov/2009

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 20X
SECTION: 5
OBSERBER: D



SECTION DESCRIPTION

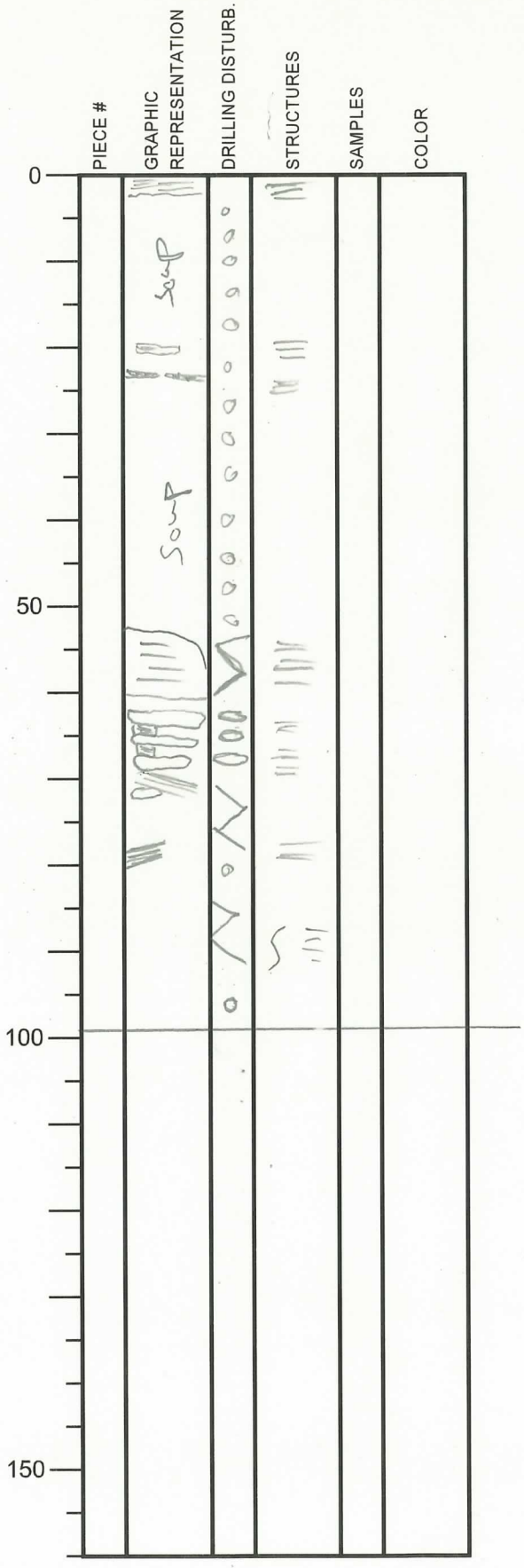
0-20.5 : all to IW

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 2 CX
SECTION: 6
TOP DEPTH (m CSF):

OBSERBER:



dark gray siltstone to clayey siltstone, laminated

0-52 cm: fragments floating in silty sand slurry matrix (drilling induced)

52-99.5 cm: (laminated)
heavily fractured pieces, but some more or less coherent
some biscuits (62-72 cm)
dark, organic rich laminae 78-80 cm

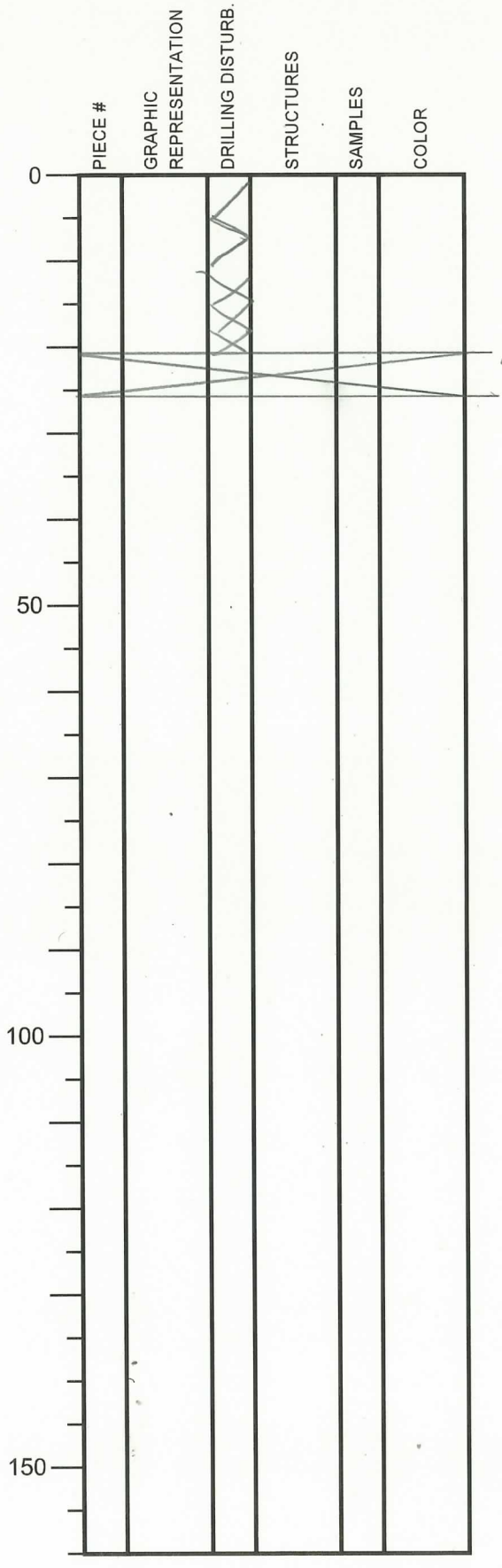
slight bioturbation around 90 cm

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 20X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: DJ



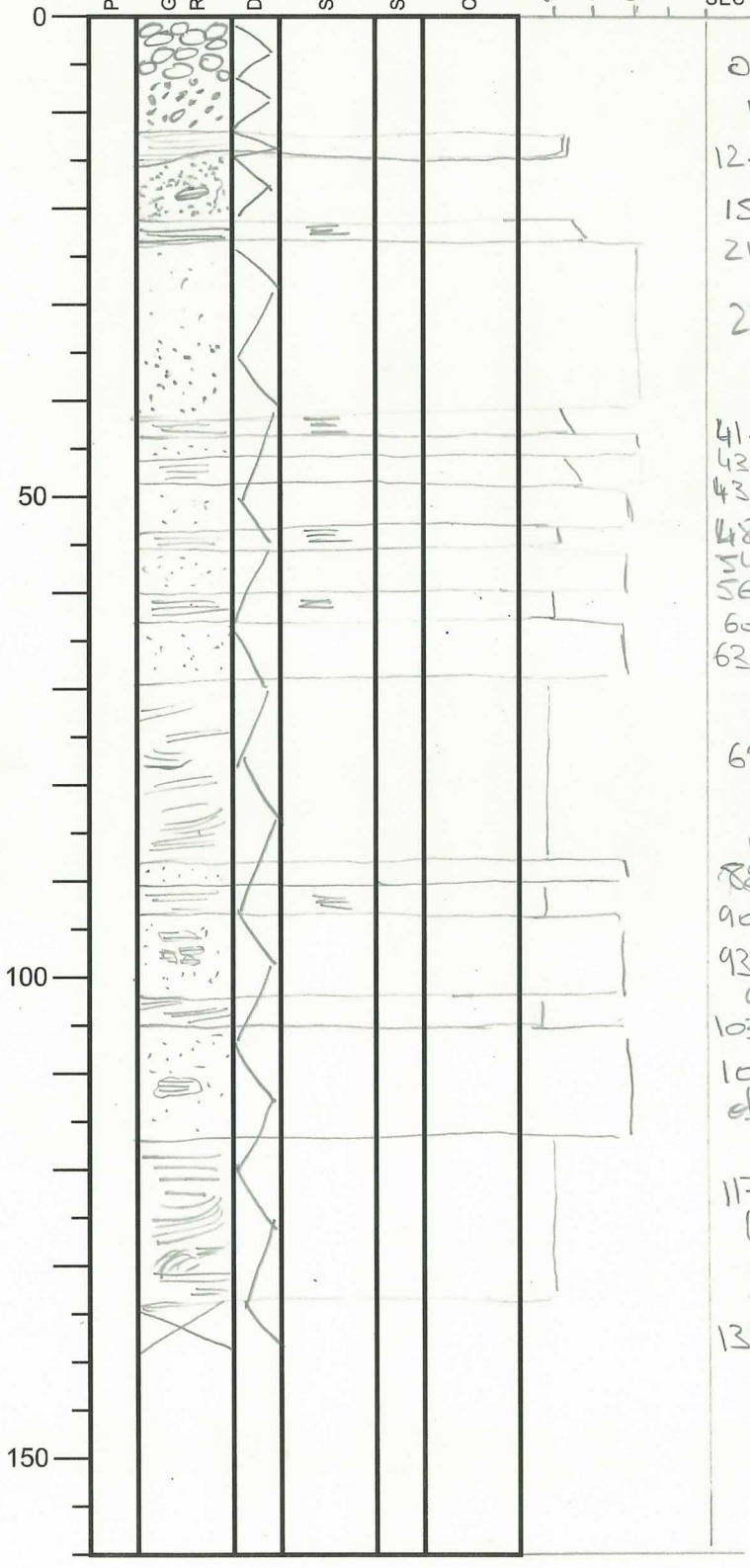
International Ocean Discovery Program

Visual Core Description

Alternating slurry FS with more consolidated silty clay that display lamination from // lam to high angle X lam

NO. 1
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: U0246
CORE: 21 X
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: PC.



SECTION 1 = 0-139 cm

0-12 cm: Cuttings of silty clay produced by drilling.
12-15cm: Silty clay.
15-21: Cutting (1-4 m) induced by drilling.
21-22: Clayey silt with laminations
22-41: Slurry VFS
Graded with 1-4 mm cutting at the base
41-43: Silty clay with lamination
43-43: Slurry FS
43-48: Silty clay with lamination.
48-54: Slurry sand
54-56: Silty clay with lam.
56-60: Slurry FS
60-63: Silty clay with // lam.
63-68: Slurry sand with dark grey to light gray sand.

68-88 = Silty clay with lamination showing lam from // to high angle X lam.
88-90 = Slurry FS
90-93 = Silty clay with // lam.
93-103 = Slurry FS with clast of silty clay showing lam.
103-106 = Silty clay with lam.
106-117 = Slurry FS with clast of silty clay with // lam.

117-134 = Silty clay with lamination from // to high angle X lam.
134-139 = WR sample

Heavily drilling disturb

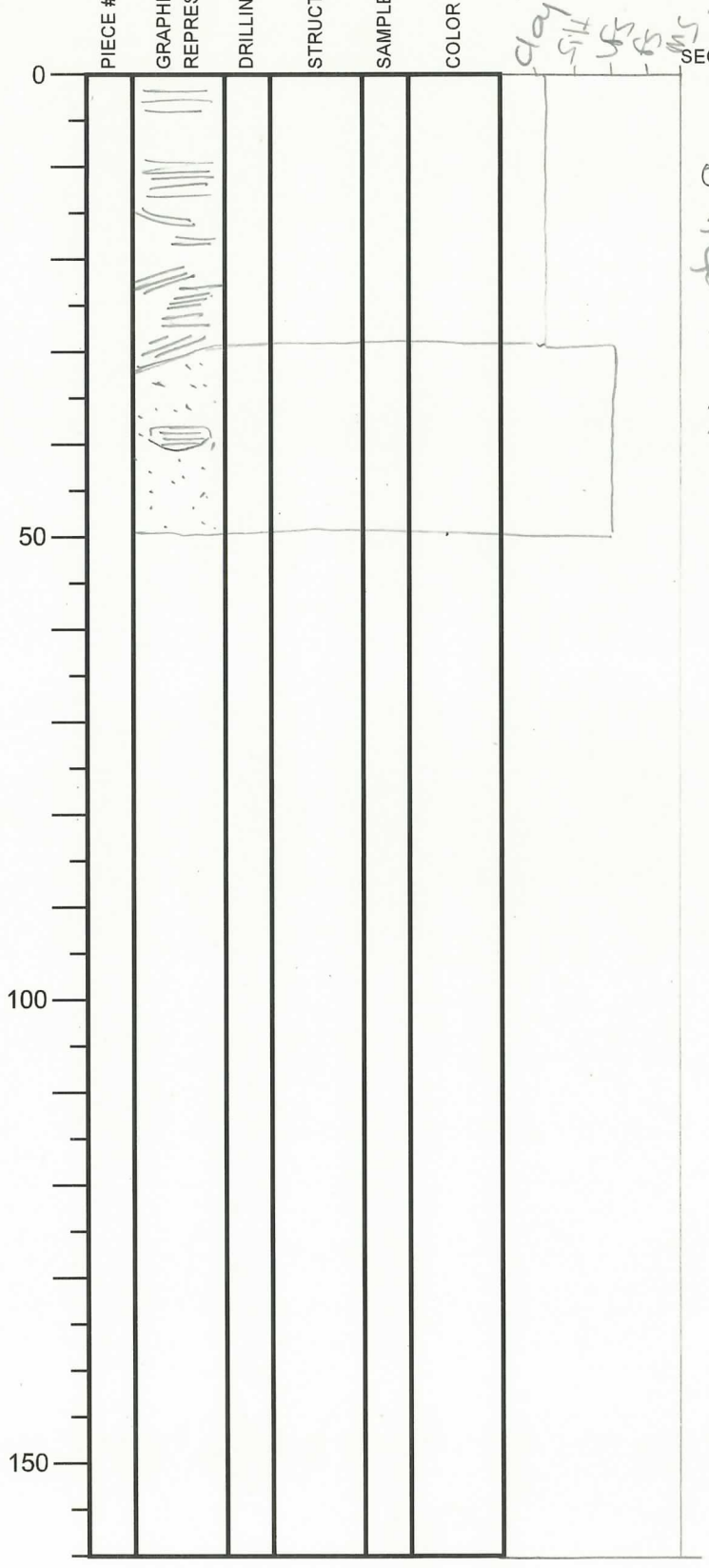
VCD_sheet_160629

International Ocean Discovery Program

Visual Core Description

NO. 2
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: U0246.
CORE: U0246
SECTION: 2
TOP DEPTH (m CSF):

OBSERBER:



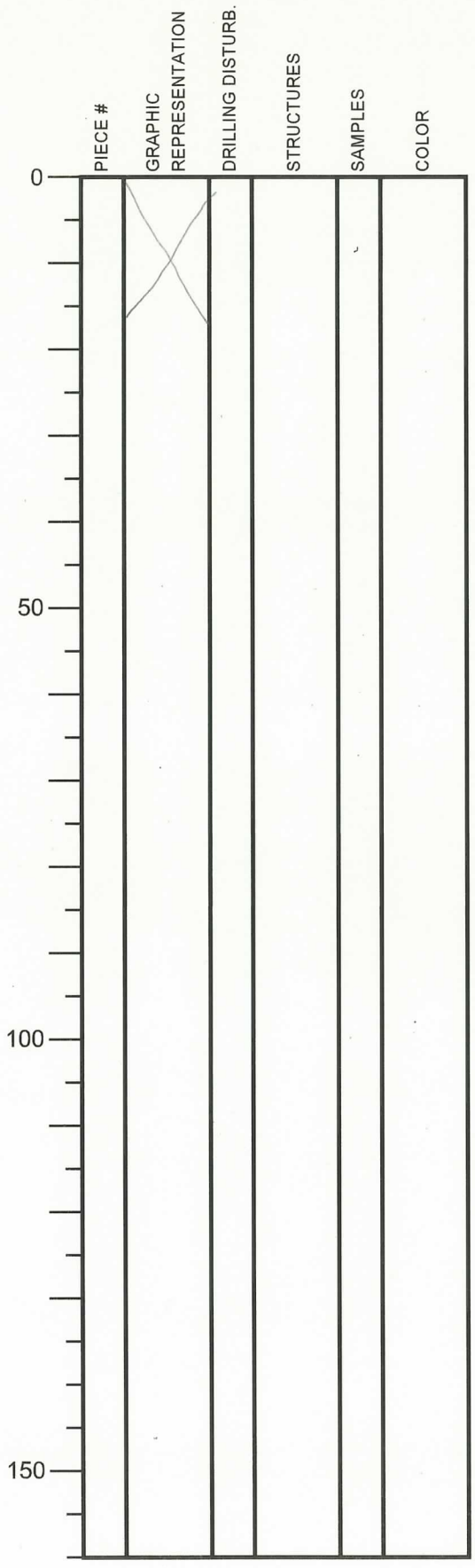
0-30 = Silty claystone showing bm with ≠ angle from // bm to high angle X bm.

30-49,5 = Sleezy UFS (cuttings 1-4m) with 1 clast of silty clay with bm.

International Ocean Discovery Program

Visual Core Description

NO. 3
DATE: 26/08/2019
EXP.: 358
SITE/HOLE: U0026G.
CORE: 21X
SECTION: 3
TOP DEPTH (m CSF):
OBSERBER: PC.



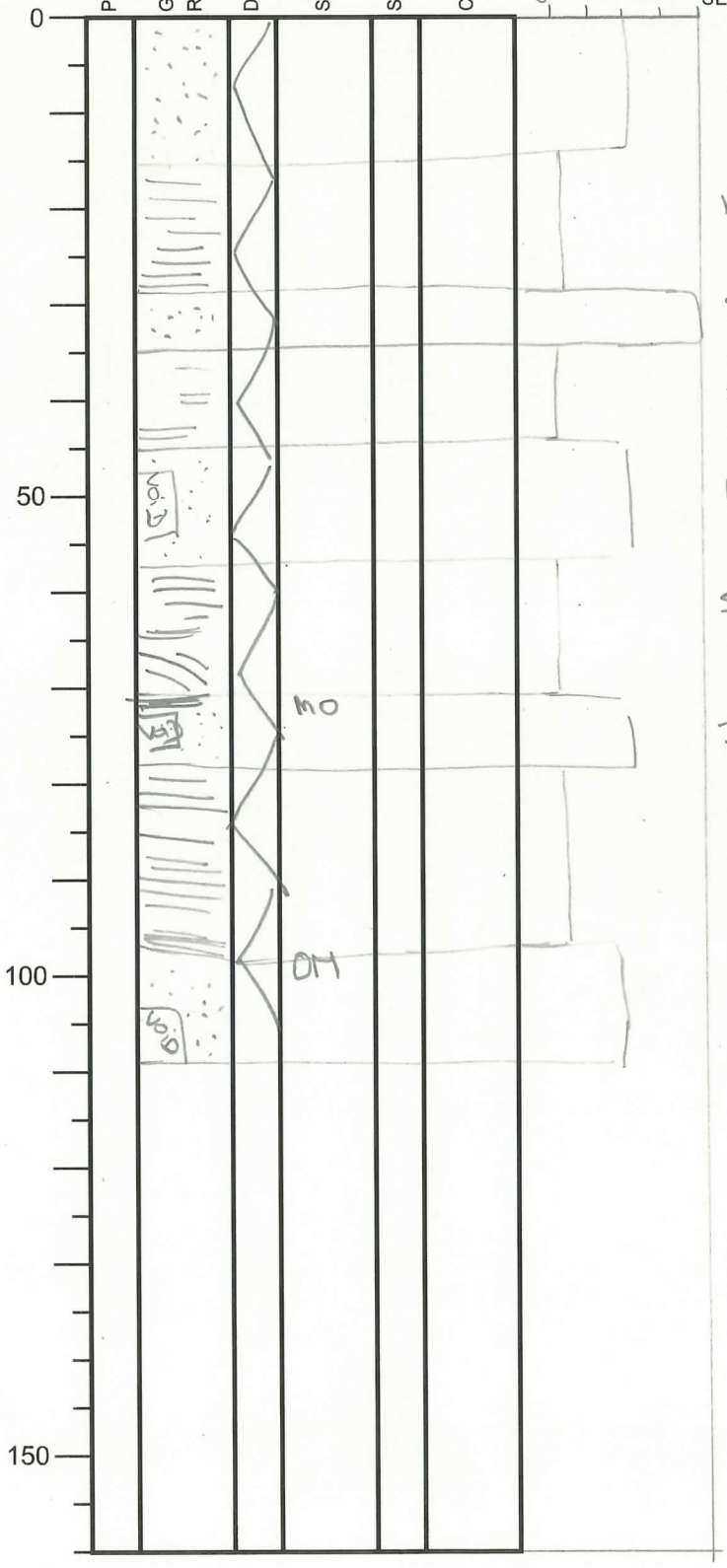
0-16 = IW sample.

International Ocean Discovery Program

Visual Core Description

Alternating sleezy FS to VFS with consolidated silty clay showing lamination and layer rich in organic matter

NO. 4
DATE: 26 / 03 / 2019
EXP. 358
SITE/HOLE: U0246
CORE: 21X
SECTION: 4
TOP DEPTH (m CSF):
OBSERBER: PC.



Section 4 = 0-109 cm

0-15 cm = Sleezy FS

15-28 cm = Silty clay with lamination fs = m // to X lam

28-35 = Structureless FS (consolidated)

35-45 = Silty clay with some lamination (diffuse)

45-57 = Sleezy VFS.

57-70 = Silty clay with laminae from // lam to X lam.

70-78 = Sleezy FS with band of organic matter at the top

78-98 = Silty clay with // lam and organic matter at the base

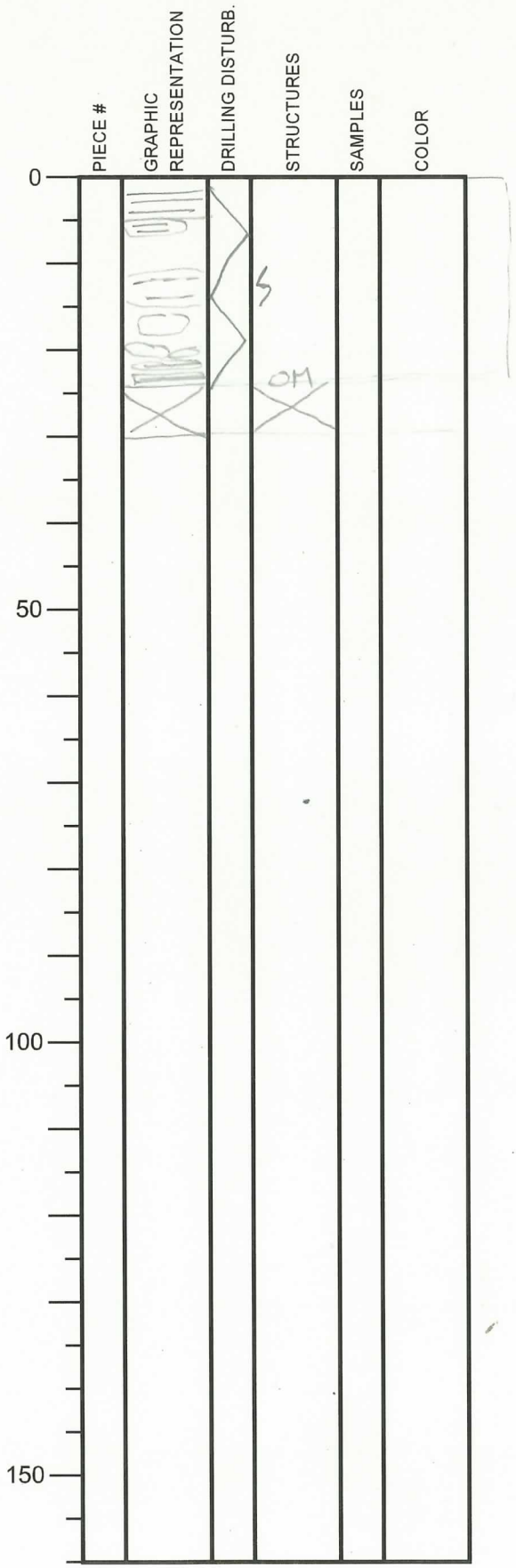
98-109 = Sleezy FS.

Heavily disturbed by drilling.

International Ocean Discovery Program

Visual Core Description

NO. 5
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 21X
SECTION: CC
TOP DEPTH (m CSF):
OBSERBER: PC



0-25 = Intact clasts of silty claystone showing lam and bioturbation.

25-30 => PAL sample

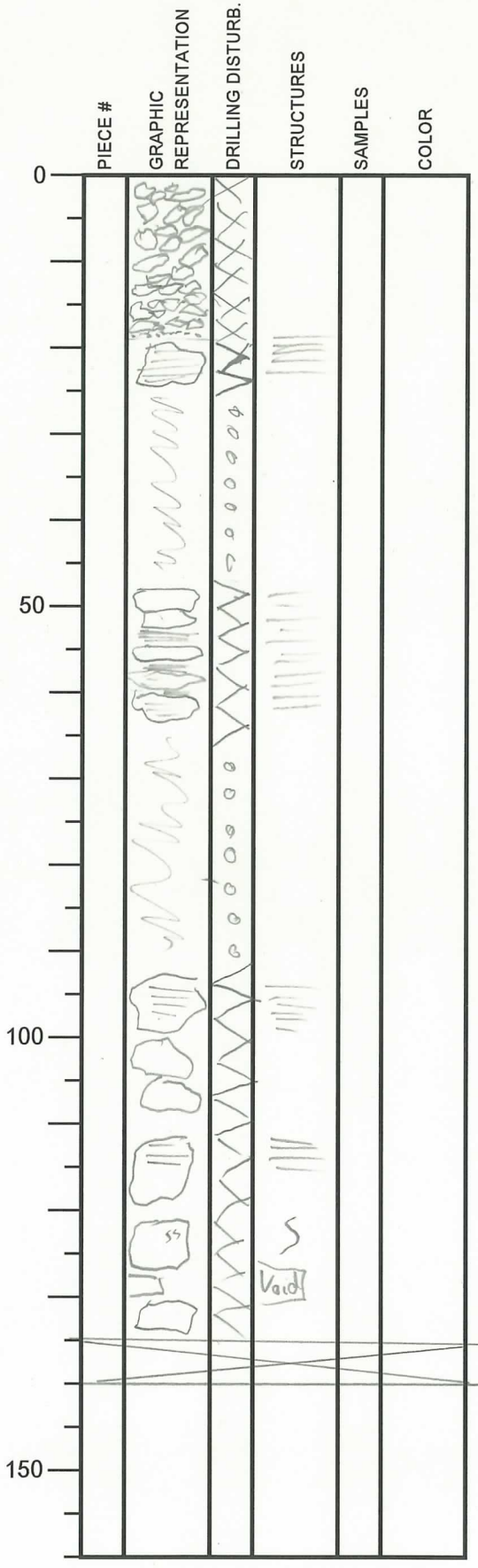
Heavily disturbed by drilling.

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 22X
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

0-18: cuttings of dark gray silty claystone (5-30 mm) to clayey siltstone

18-135: heavily fractured pieces to biscuits of silty claystone to clayey siltstone in slurry muddy sand

some fragments laminated

slight bioturbation in fragment at 122 cm

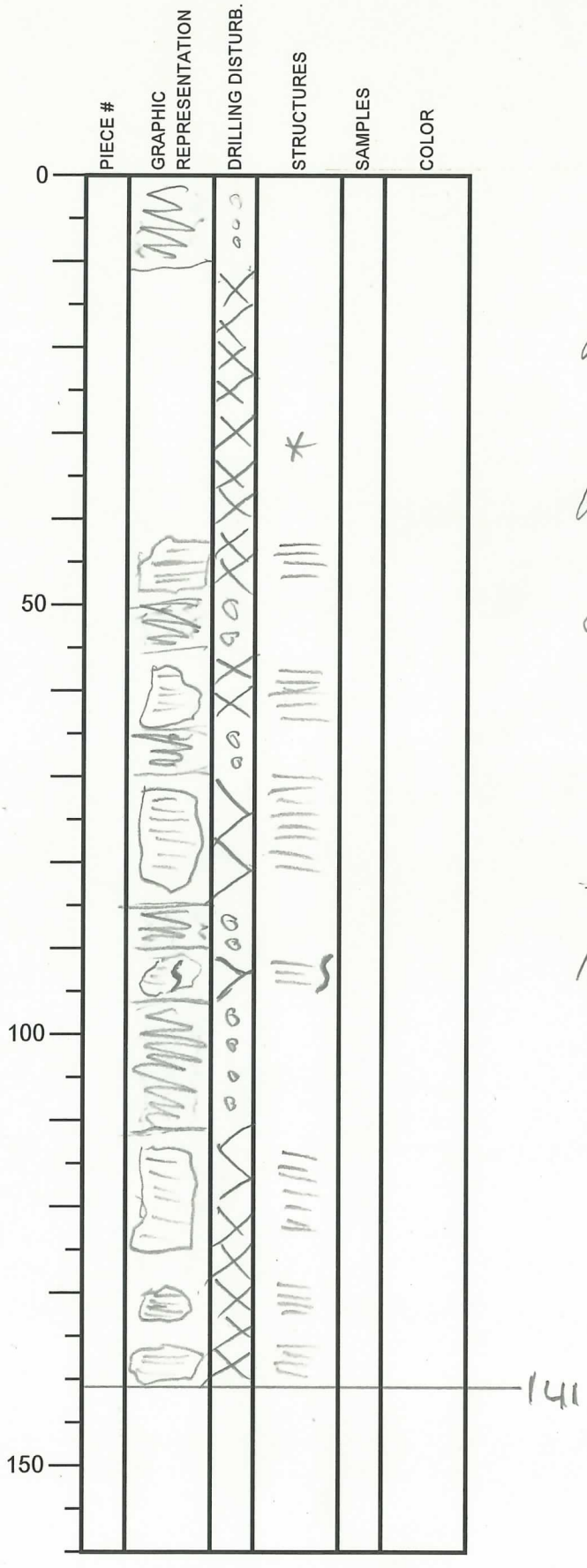
135 - 148 358 AIWR (WR sample)

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 22X
SECTION: 2
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

dark gray silty claystone to clayey siltstone

heavily fractured to brecciated & biscuits from drilling

dark gray, slurry muddy sand (drilling induced) dispersed throughout section

light bioturbation in fragment 94-97 cm

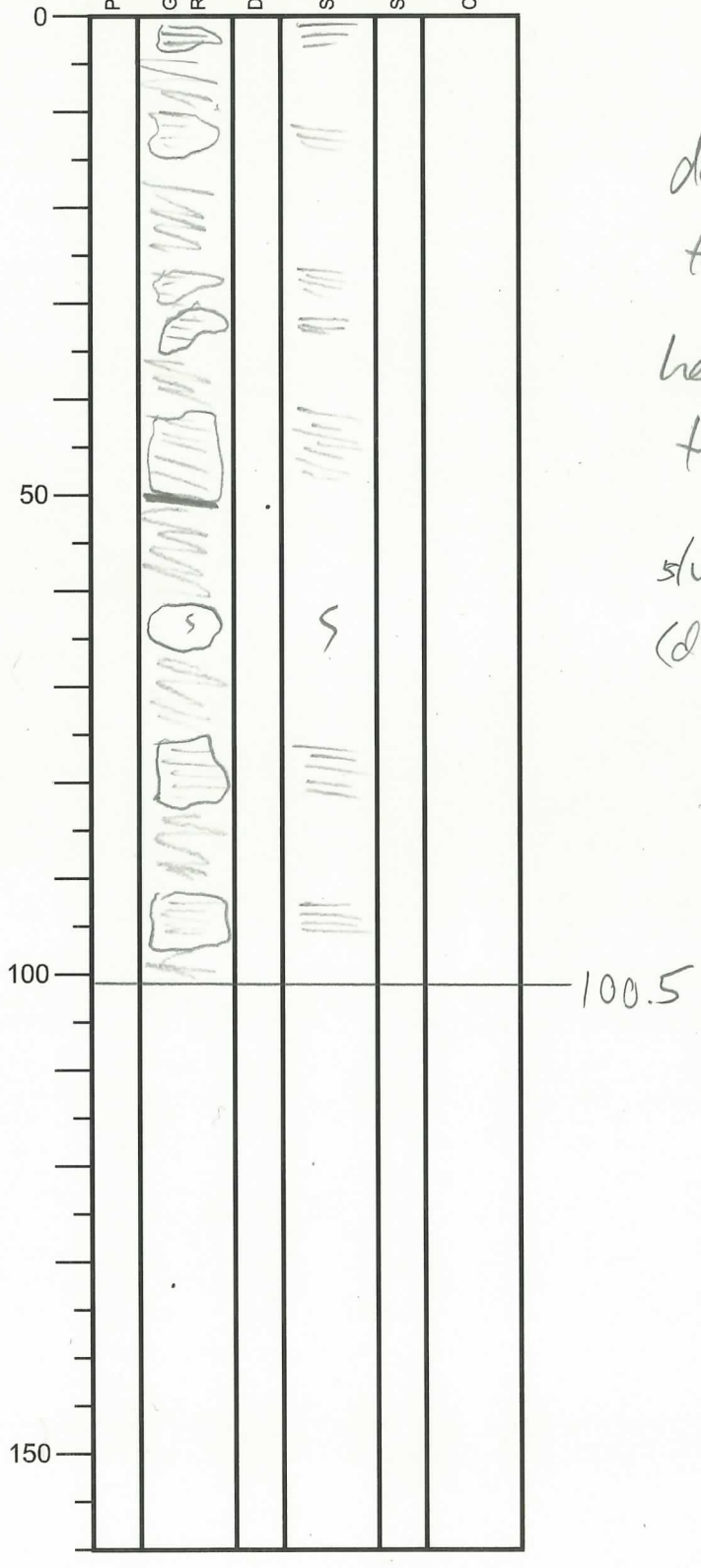
* SS = 33 cm

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20
EXP.: 358
SITE/HOLE: U0024 G
CORE: 22X
SECTION: 3
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

dark gray silty claystone to clayey siltstone

heavily fractured & biscuited to brecciated from drilling,

slurry clay - silt - sand mix (drilling induced) between fragments

light bioturbation in biscuit 62 cm - 67 cm

lamination in coherent fragments pieces

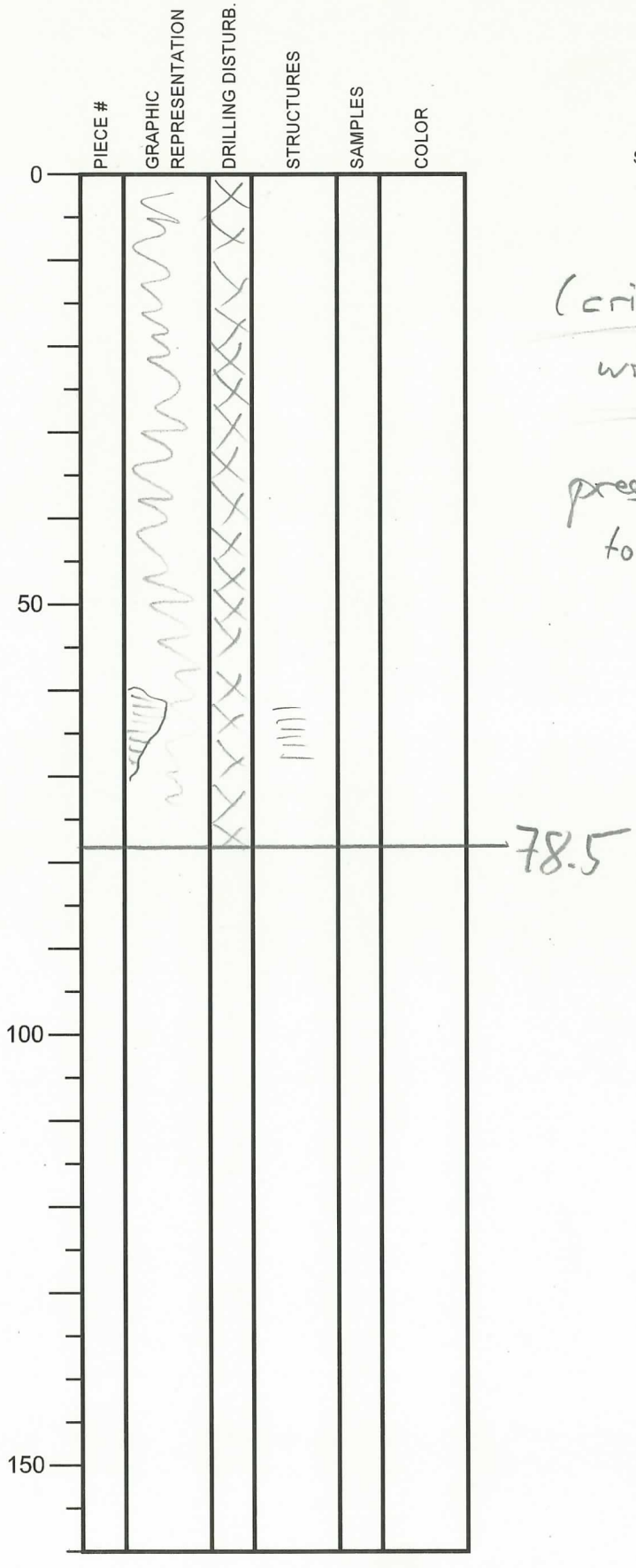
organic rich layer at 50 cm

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 22X
SECTION: 4
TOP DEPTH (m CSF):

OBSERBER: DJ



(critical section for structure, wrapped in plastic)

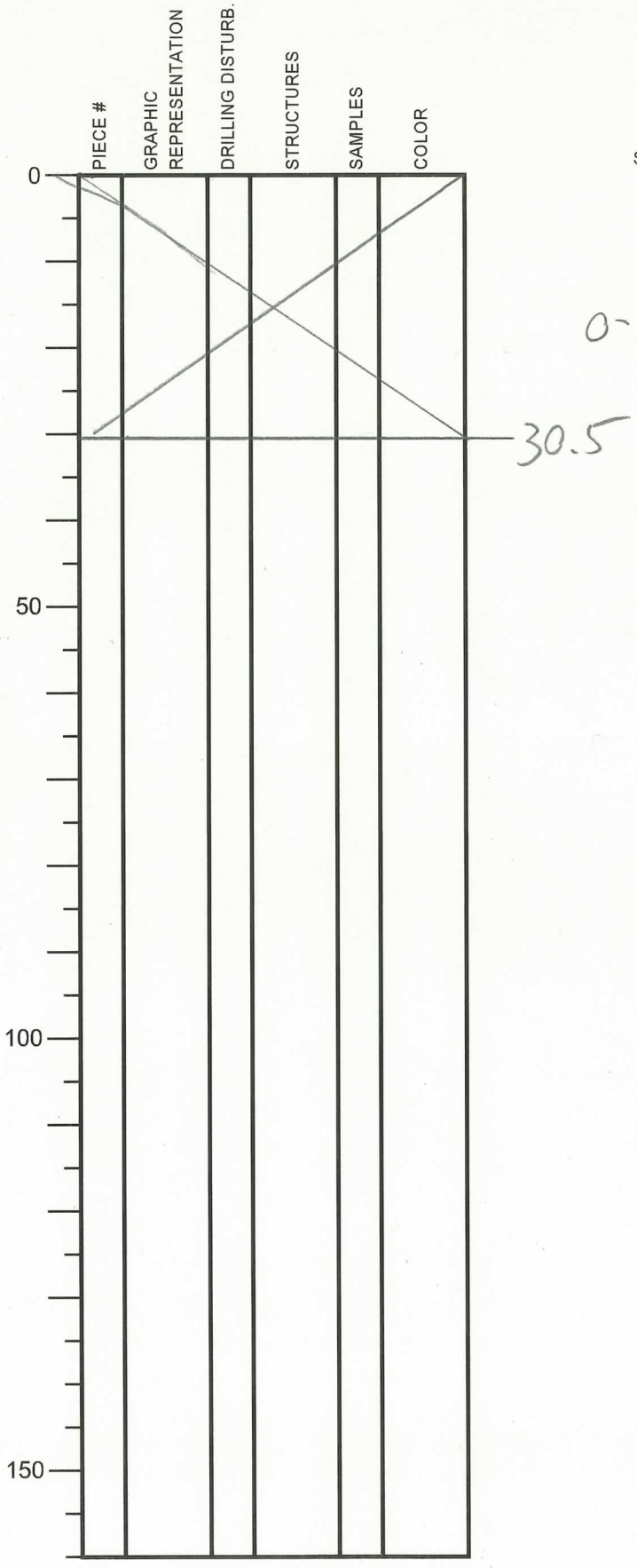
presumably all silty clay to clayey silt (-stone)

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024 G
CORE: 22 X
SECTION: 5
TOP DEPTH (m CSF):

OBSERBER: DJ



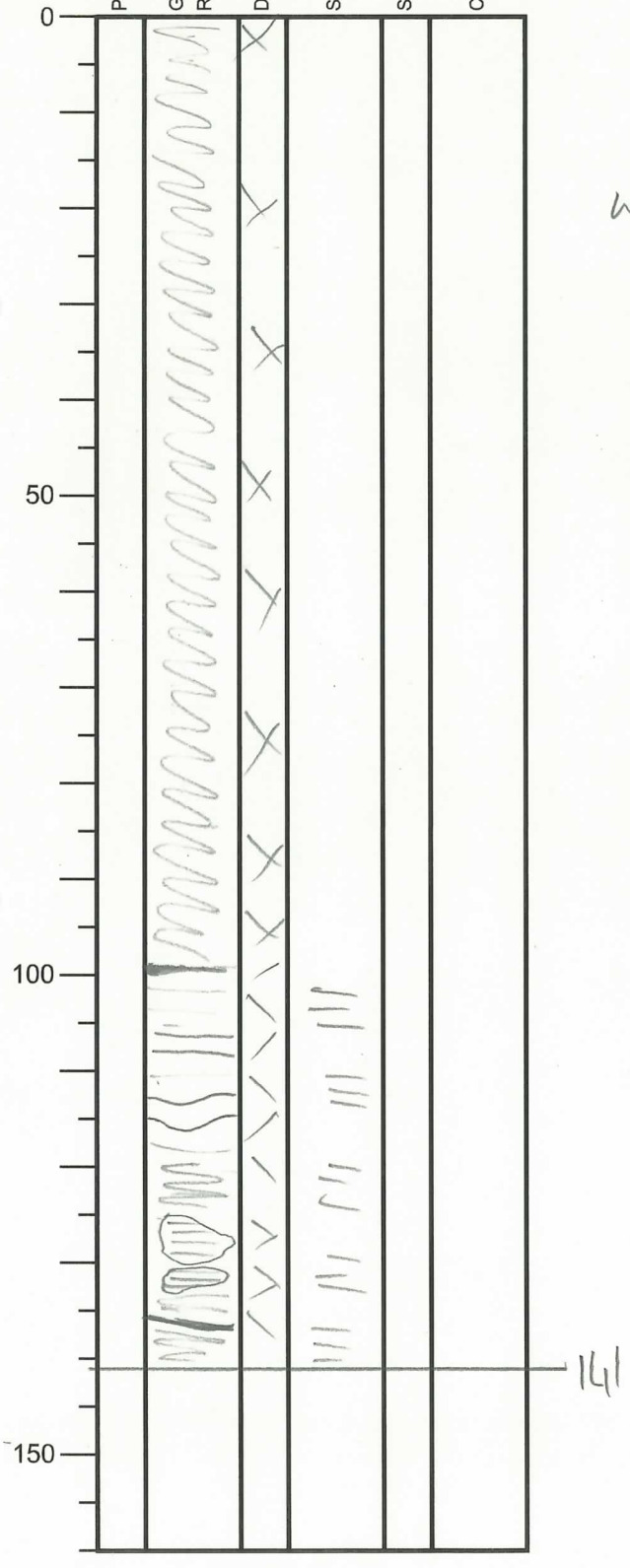
0-30.5 all to IW

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-26
EXP.: 358
SITE/HOLE: C0024G
CORE: 22X
SECTION: 6
TOP DEPTH (m CSF):

OBSERBER: DJ



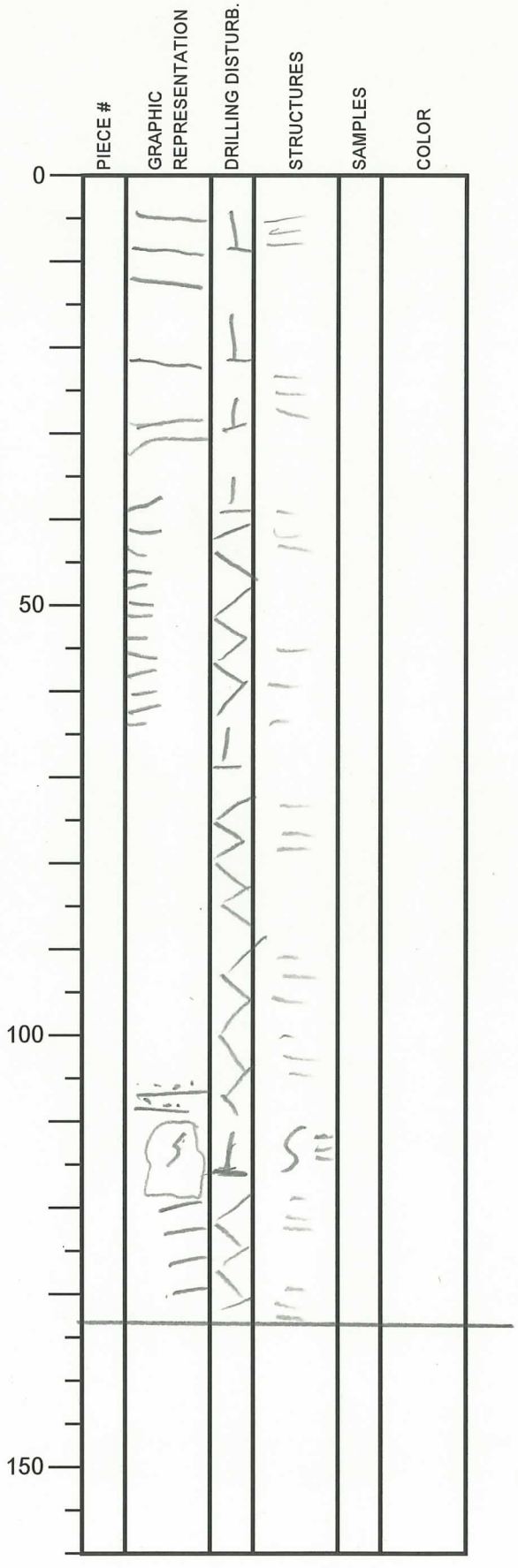
SECTION DESCRIPTION

mostly homogenized mix
of clay/silt/sand (drilling induced)
dark grey
few cm sized clasts &
portion with apparently ± intact
stratigraphy (97-121)
some lamination in "coherent" parts
organic-rich layer at 137 cm

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /2019-03-26
EXP.: 358
SITE/HOLE: C0024 G
CORE: 22X
SECTION: 7
TOP DEPTH (m CSF):
OBSERBER: DJ



0-20: gray silt, laminated

20-38: gray silty clay-to clayey siltstone, laminated

38-65: clay/silt/f. sand mix, disturbed by coring/splitting distinct laminae protrude due to washing out of material. some laminae sand- & organic-rich

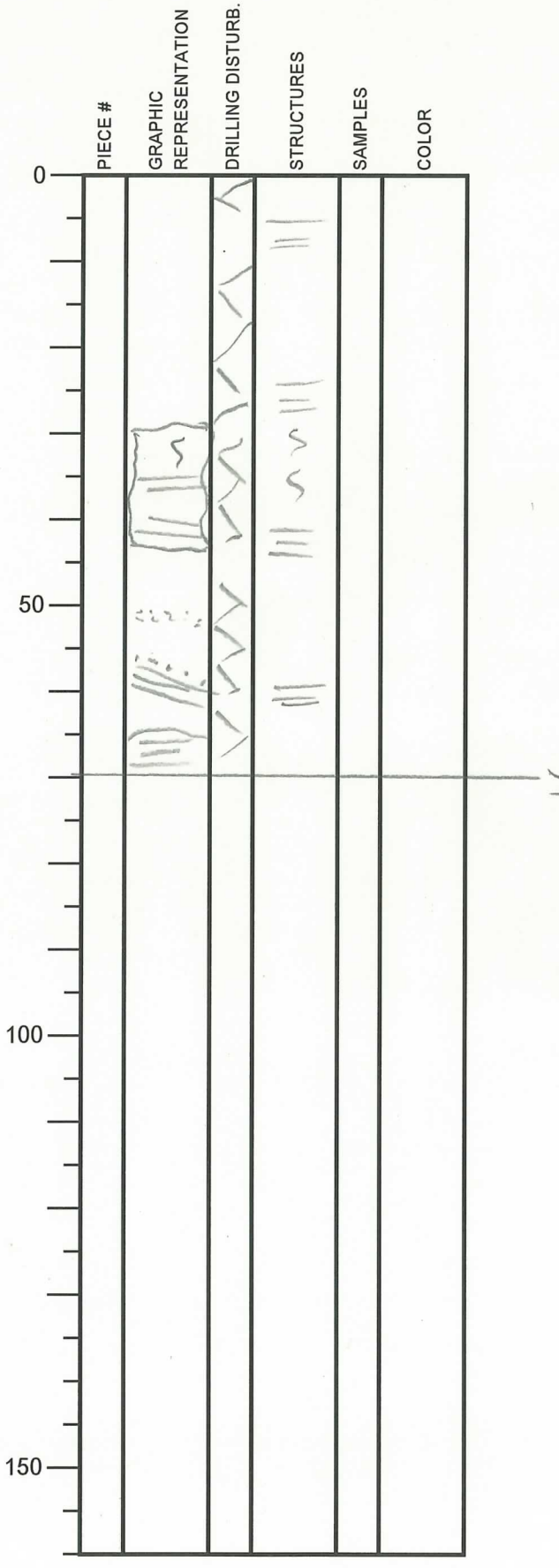
65-135: silty clay-/clayey siltstone-fragments, separated by soft, homogenized sediment of same composition.
light bioturbation in fragment at 110-116 cm
heavy drilling disturbance

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / /20 19-03-26
EXP.: 358
SITE/HOLE: C0024 G
CORE: 22X
SECTION: 8
TOP DEPTH (m CSF):

OBSERBER: DJ



SECTION DESCRIPTION

silty clay to clayey silt, few laminae containing sand.

gray to olive gray, slightly but noticeably lighter than previous section

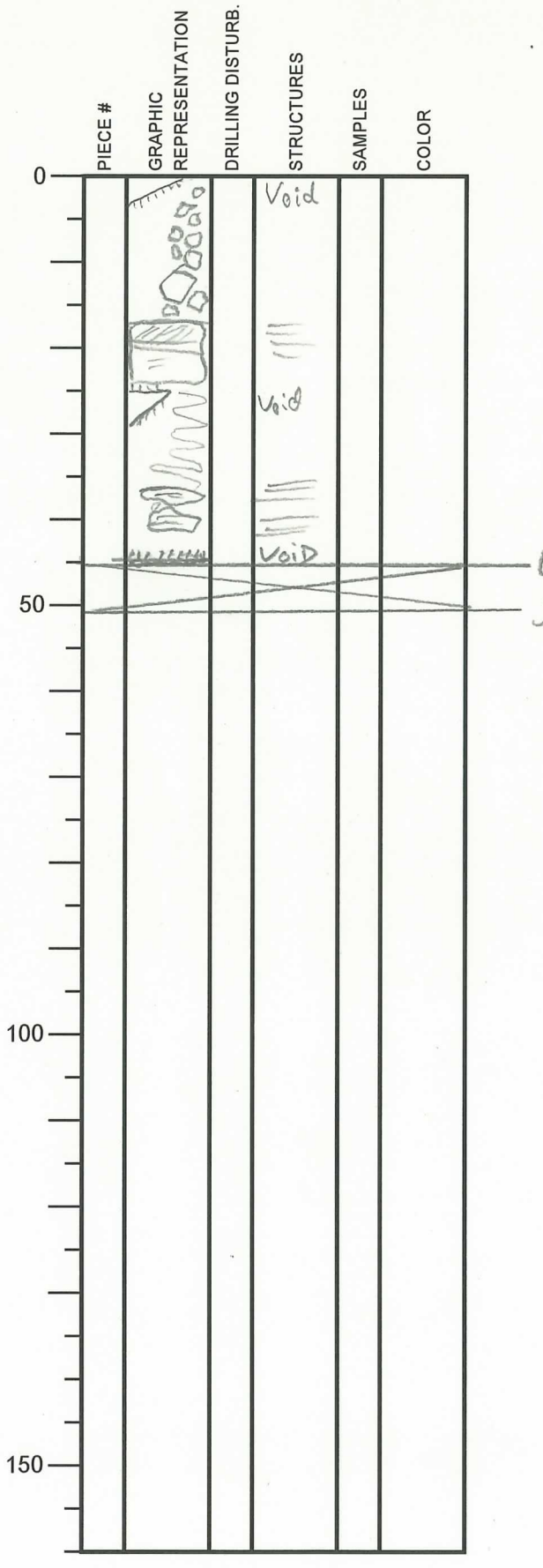
locally slightly disturbed laminated, more resilient laminae locally protruding due to washing out of material in between during splitting

overall heavy drilling deformation

International Ocean Discovery Program

Visual Core Description

NO.
DATE: / / 20 19-03-26
EXP.: 358
SITE/HOLE: C0024 G
CORE: 22X
SECTION: CC
TOP DEPTH (m CSF):
OBSERBER: DJ



dark gray
claystone cuttings, drilling
breccia, ~~slf~~ slurry clay-silt mix
& some ± intact fragments w/
lamination
PAL (WR sample) (+ cross-lamination?)

International Ocean Discovery Program

Visual Core Description

Alternating sleezy sand and consolidated siltstone with candidate ripple X lam?

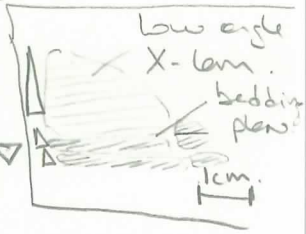
NO. 1
DATE: 26/08/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 23X
SECTION: 1
TOP DEPTH (m CSF):

OBSERBER: PL.

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

0-10 cm = cuttings of silty clay with laminations
10-18 = sleezy FS with some cuttings (1-4 m) of FS
18-22 = Siltstone with laminations.
22-38 = Sleezy FS.
38-42 = Siltstone with // lamino.
42-65 = Sleezy FS.
65-78 = clasts of clayey silt with inclined lamination (see sketch)
78-115 = Sleezy FS with clasts of clayey silt showing laminations.
115-118 = Siltstone with laminas
118-127 = Sleezy FS.
127-130 = Siltstone with lamination
ripple X lam? ↵
130-135 = Sleezy FS.
135-140 = WR sample.

Heavily disturbed by drilling.



Section 1 = 0-140 cm

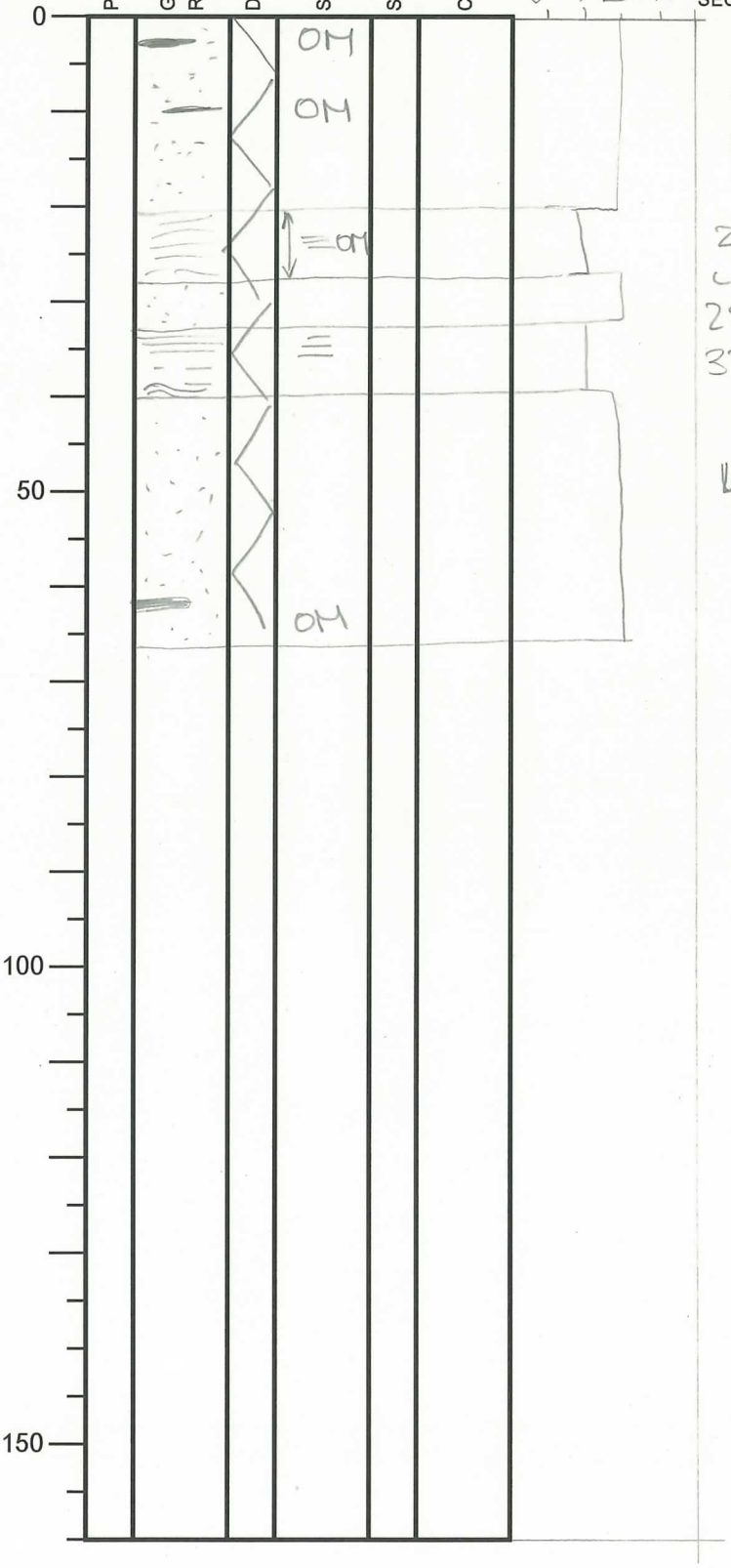
International Ocean Discovery Program

Visual Core Description

Alternating slurry VFS with consolidated siltstone showing some laminations and organic-matter rich

NO. 2
DATE: 26/08/2019
EXP.: 358
SITE/HOLE: U0024G
CORE: 23X
SECTION: 2
TOP DEPTH (m CSF):

OBSERBER: PC



Section 2 0-66 cm

0-21 = Slurry VFS with some patches of OM.

21-28 = Siltstone rich in OM underlying // bedding (ripple ?)

28-33 = Slurry VFS

33-40 = Siltstone with laminae <> Ripple ?

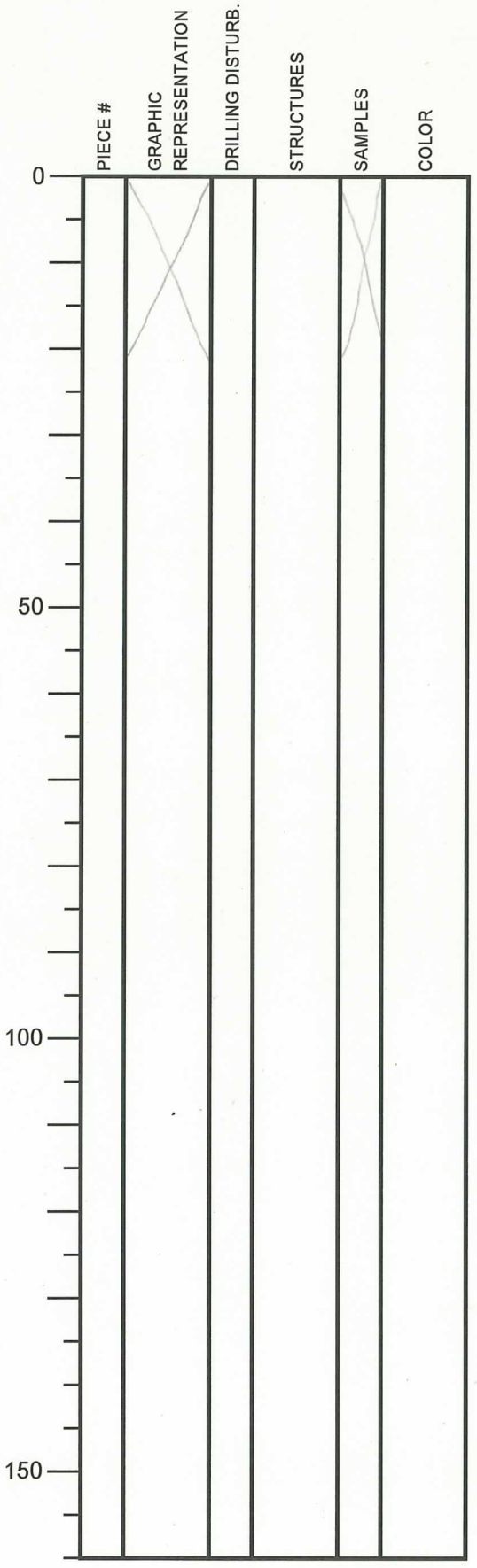
40-66 = Slurry VFS with patches of organic matter

Heavily drilling disturbed.

International Ocean Discovery Program

Visual Core Description

NO. 3
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: U0246
CORE: 23X
SECTION: 3
TOP DEPTH (m CSF):
OBSERBER: AC



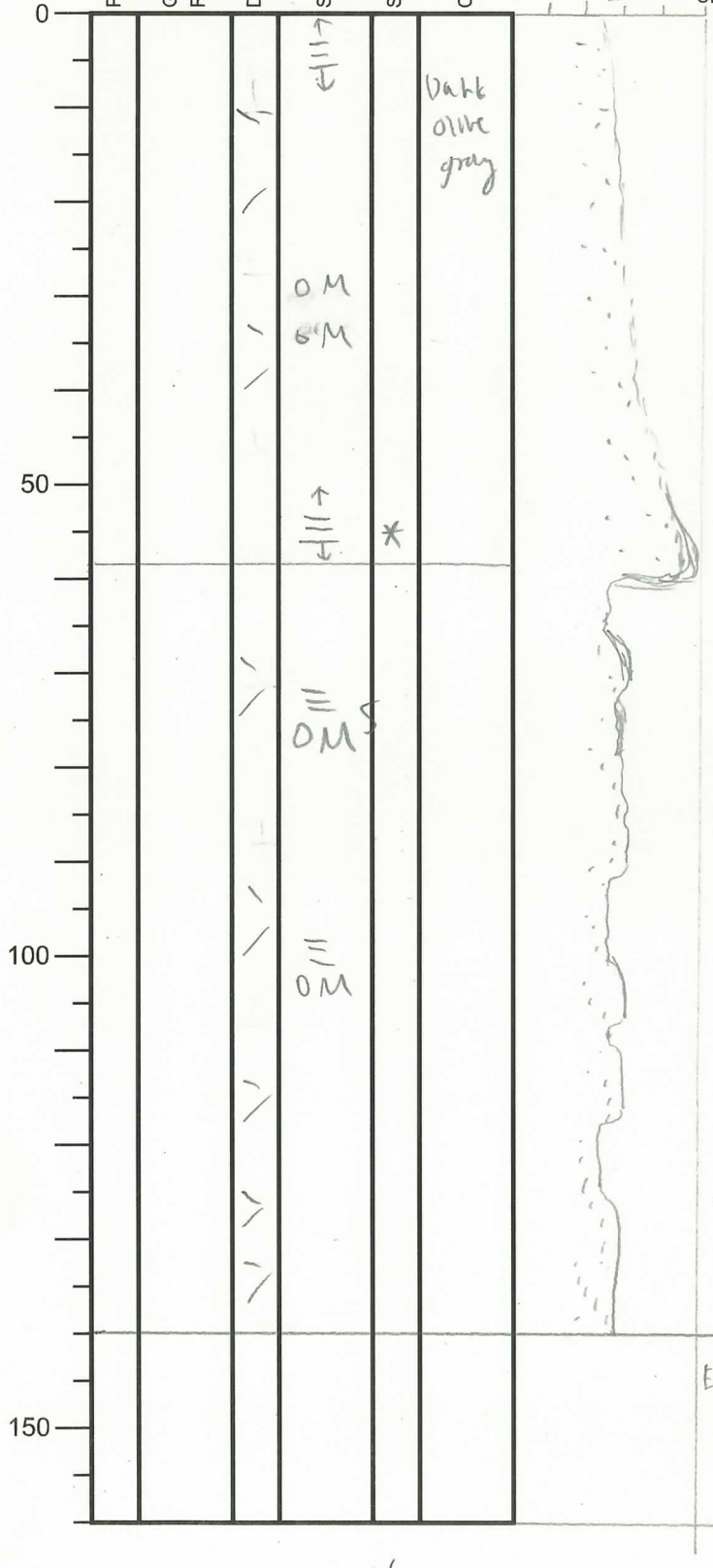
0-2,5 => IW sample

International Ocean Discovery Program

Visual Core Description

0-140: Dark olive gray
Silt to very fine sand to medium sand with thin laminations and organic materials

NO. 4
DATE: 26/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 23X
SECTION: 4
TOP DEPTH (m CSF):
OBSERBER: PC



0-59: Silty very fine sand, grading ↓ to fine to medium sand @ 47-59 cm

Lamination (2-3 mm) is visible especially at 52-59 cm, Faintly at 0-9 cm, OM @ 32m, 35-36m,

59-65: silt

65-70: silty vfs

slight bioturbation (burrow) @ 74m

70-78: Silt to vfs. Laminated (2-5 mm) OM layer @ 77-78 cm

78-90: Silty vfs

90-101: Silt
Lamina @ 99-101
(also @ 95-96)

101-106: v.f.s
(OM @ 101-102)

106-108: Silt

108-116: vfs

116-126: Silt

126-140: vfs

Fissile lamina @ 105-109, 118-120, 124-126

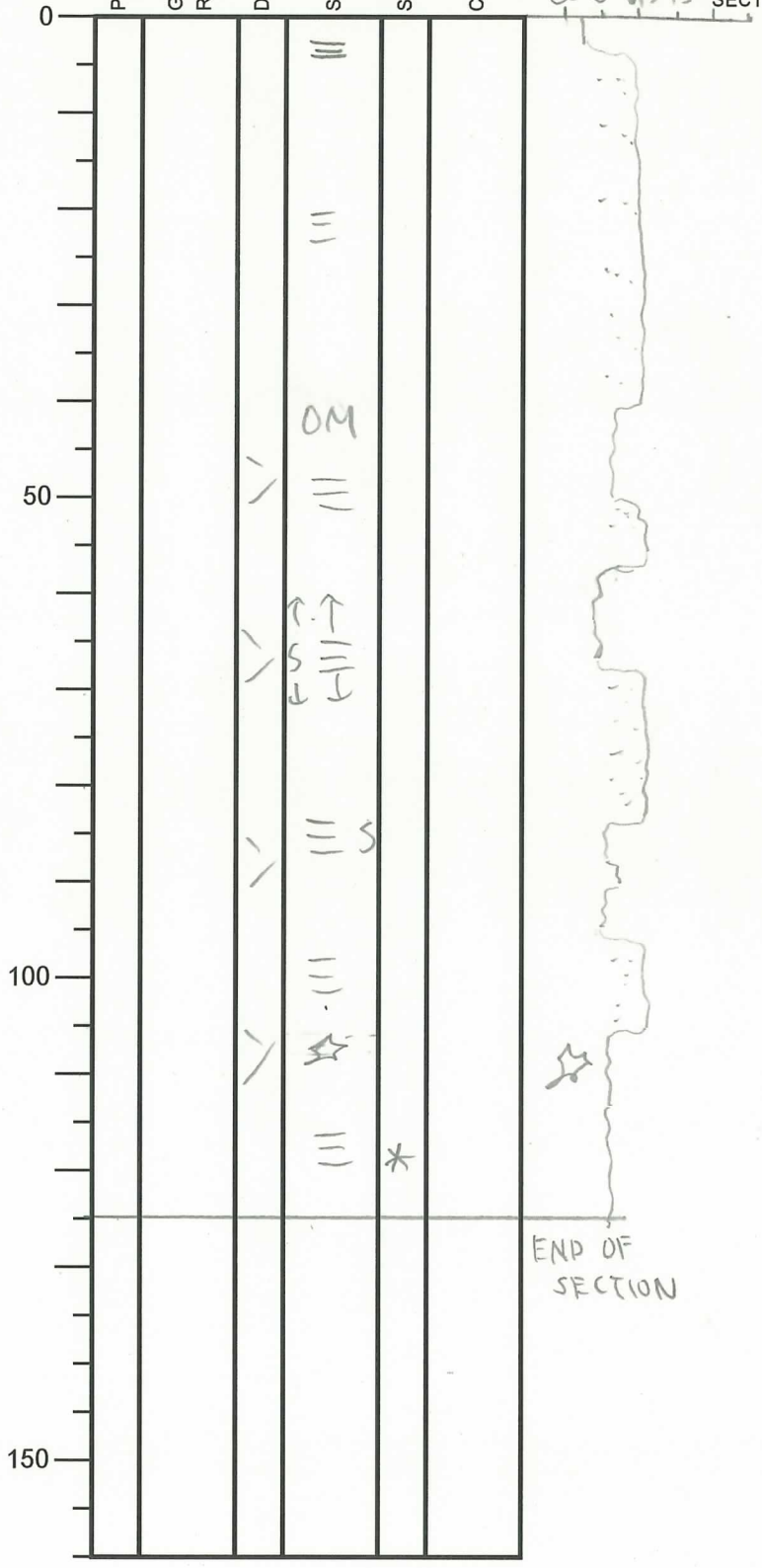
* 55: 56 cm

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 27/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 23X
SECTION: 5A
TOP DEPTH (m CSF):
OBSERBER: MH

0-125: olive gray silty clay to very fine sand, thinly laminated, slight bioturbation WITH THIN ASH



0-3: silty clay

3-42: Very fine sand.
OM at base. (41-42) layer
OM at 21 (clast)
Parallel lamination @ 3cm

42-51: Silt.
Thin lamina @ 49-50

51-57: very fine sand

57-67: Silty clay.
Lamination; Slight bioturbation

67-84: very fine sand
Lamina +
OM layer @ 72.5-73

84-89: Clayey silt
(84-88 laminat bioturb)

89-91: Silty very fine sand

91-95: Clayey silt

95-107: very fine sand

107-114: clayey silt laminated

114-115: Grey yellowish brown ash layer

115-125: clayey silt laminated.

* 55: 120 cm

(silty clay is olive gray
Silt-Vfs is Dark olive gray)

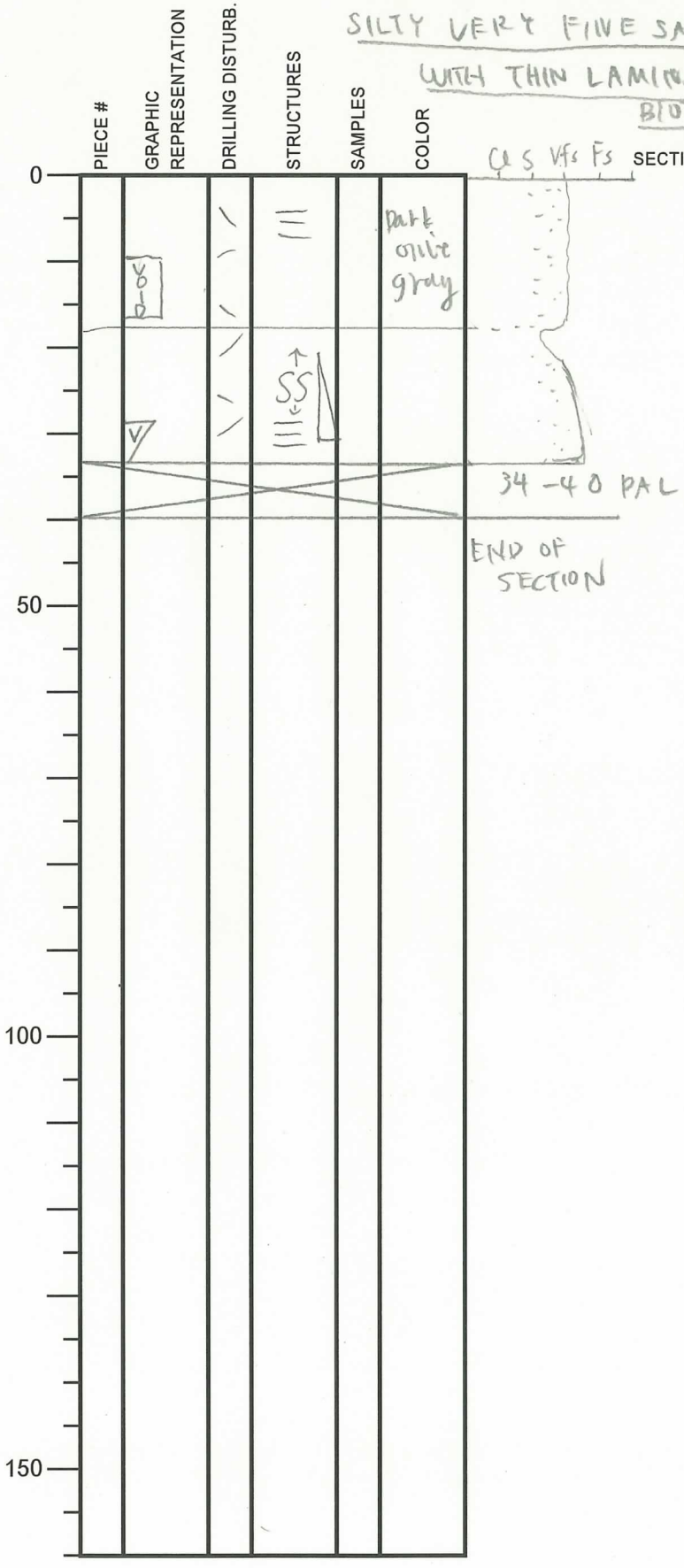
International Ocean Discovery Program

Visual Core Description

NO. 27 03
DATE: / /2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 23 X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: MH

0-34 : Dark olive gray
SILTY VERY FINE SAND
WITH THIN LAMINA + SLIGHT
BIOTURBATION



0- 17.5 : Very fine sand
Thinly Laminated
17.5 - 35: Silt to
very fine sand,
gradually normal
graded ↓

Cluster of tiny burrows
@ 25-26 cm.

Thin lamina @
27-28 cm.

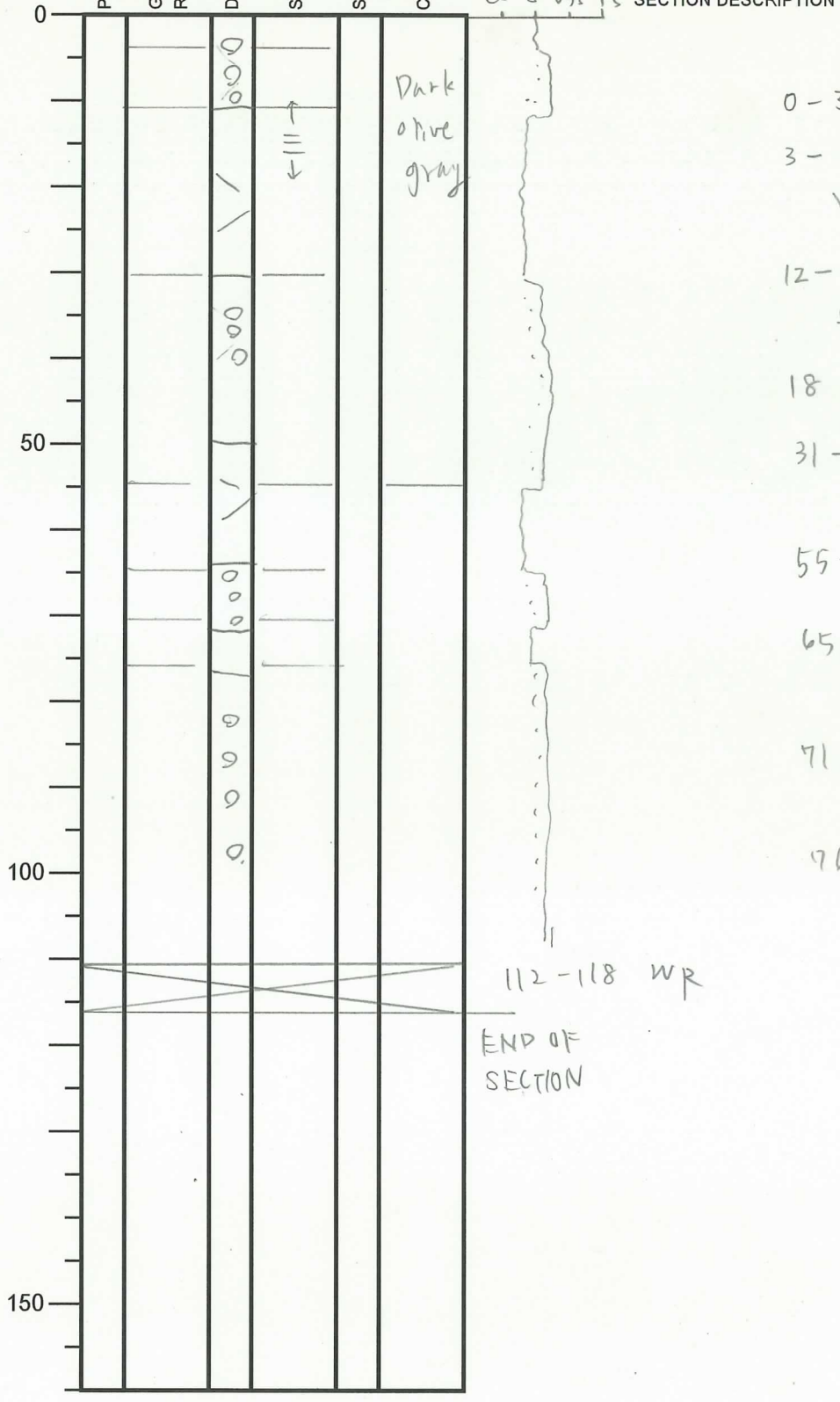
International Ocean Discovery Program

Visual Core Description

0-112: Dark olive gray clayey silt to silty very fine sand. (Drilling disturbed)

NO.
DATE: 27/03/2019
EXP.: 398
SITE/HOLE: U1524G
CORE: 24X
SECTION: 1A
TOP DEPTH (m CSF):

OBSERBER: MH



0-3: Silt, fissile

3-12: Slurry silty very fine sand.

12-18: Clayey silt, fissile, thin (slight) laminae

18-31: Clayey silt

31-55: Slurry silty v.f.s.

55-65: Clayey silt

65-71: Slurry silty vfs

71-76: Clayey silt

76-112: Slurry silty v.f.s.

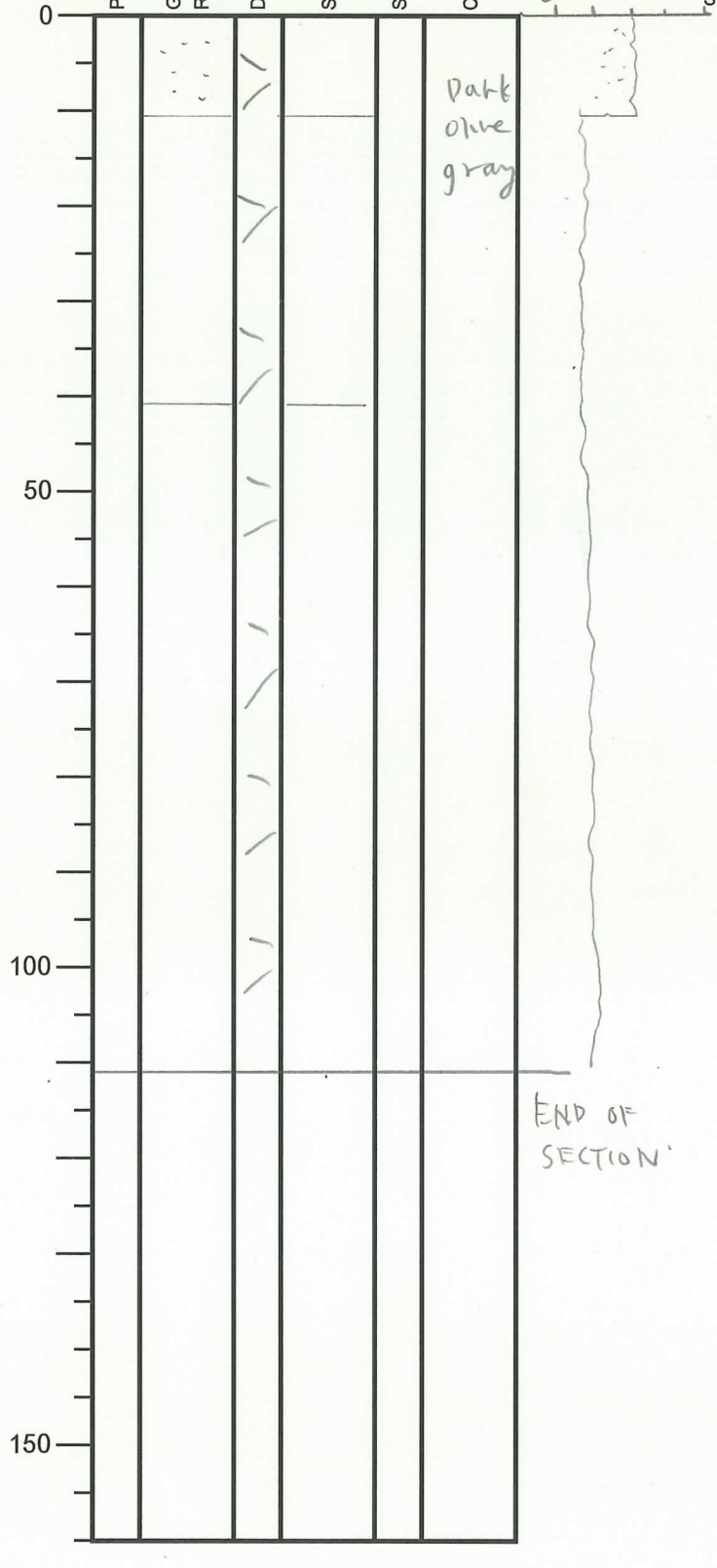
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 27 / 03 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 24X
SECTION: 2A
TOP DEPTH (m CSF):

OBSERBER: MH

0-113 : Dark olive gray
clayey silt ~ very fine sand
(heavily drilling-disturbed)



0-113 :
Heavily disturbed by drilling.

0-12 : Very fine sand

12-42 : clayey silt,
heavily drilling disturbed,
contain cuttings (5mm-1cm)

42-113 : silty clay or
clayey silt.
heavily drilling disturbed.
some intact pieces.
contain thin black smeared
lineations likely OM

Black layer at 87-88m
(3mm) → Organic material

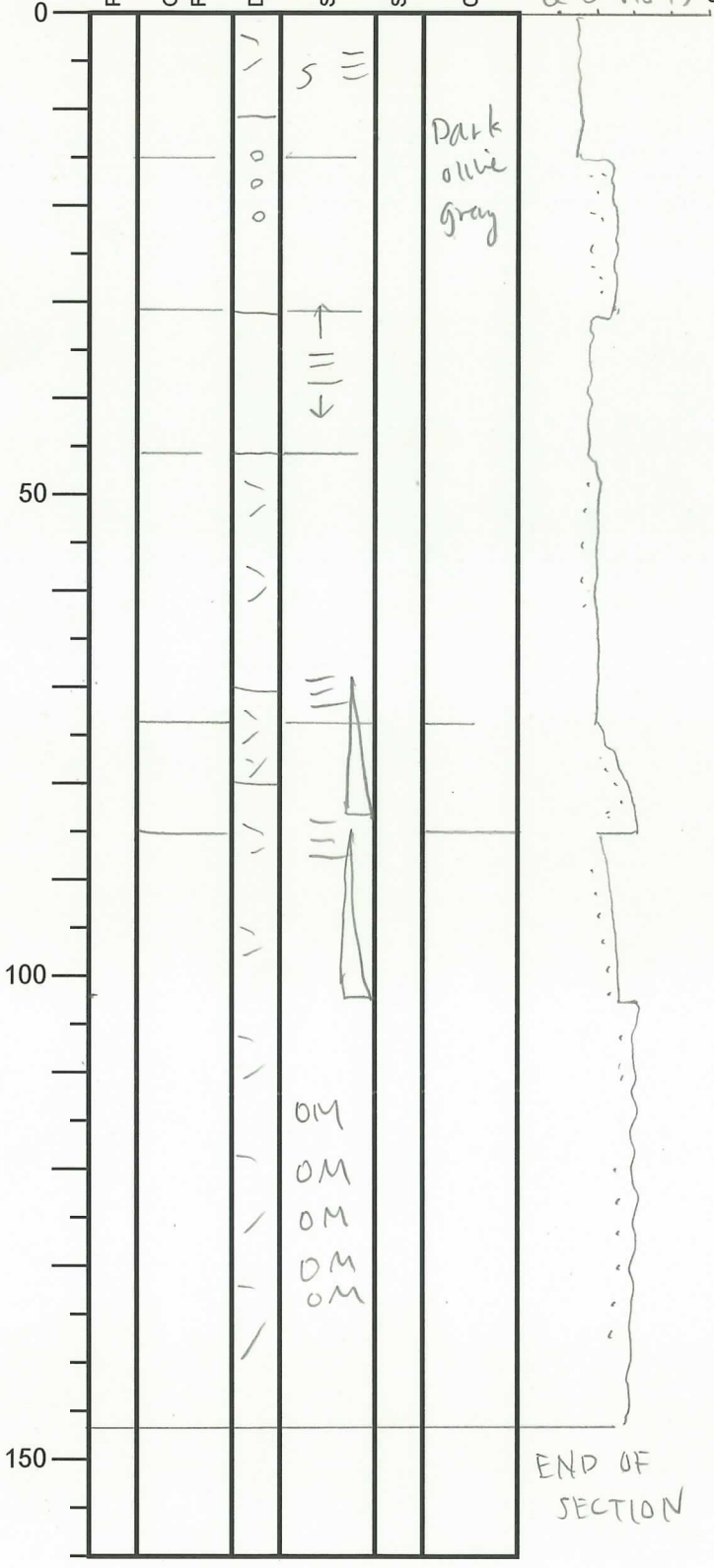
International Ocean Discovery Program

Visual Core Description

NO.
DATE: 27/03/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 24X
SECTION: 3A
TOP DEPTH (m CSF):

OBSERBER: MH

0-147: Dark olive gray silty clay to silt to silty very fine sand (Interbedded)



0-15: Clayey silt slight
Intact piece show thin lamina + biot.

15-32: Silty very fine sand.

32-46: Clayey silt
Relatively intact pieces.
Thin laminas

46-74: Silt
Heavily disturbed by drilling.

74-85:
Normal graded?
Clayey silt (laminated) to very fine sand

85-103:
Normal graded?
Silty clay to silt

103-147: Silty very fine sand.
Slurry.
OM layers @ 115-117, 120, 125, 128, 133

(Heavily disturbed by drilling)

VCD_sheet_160629

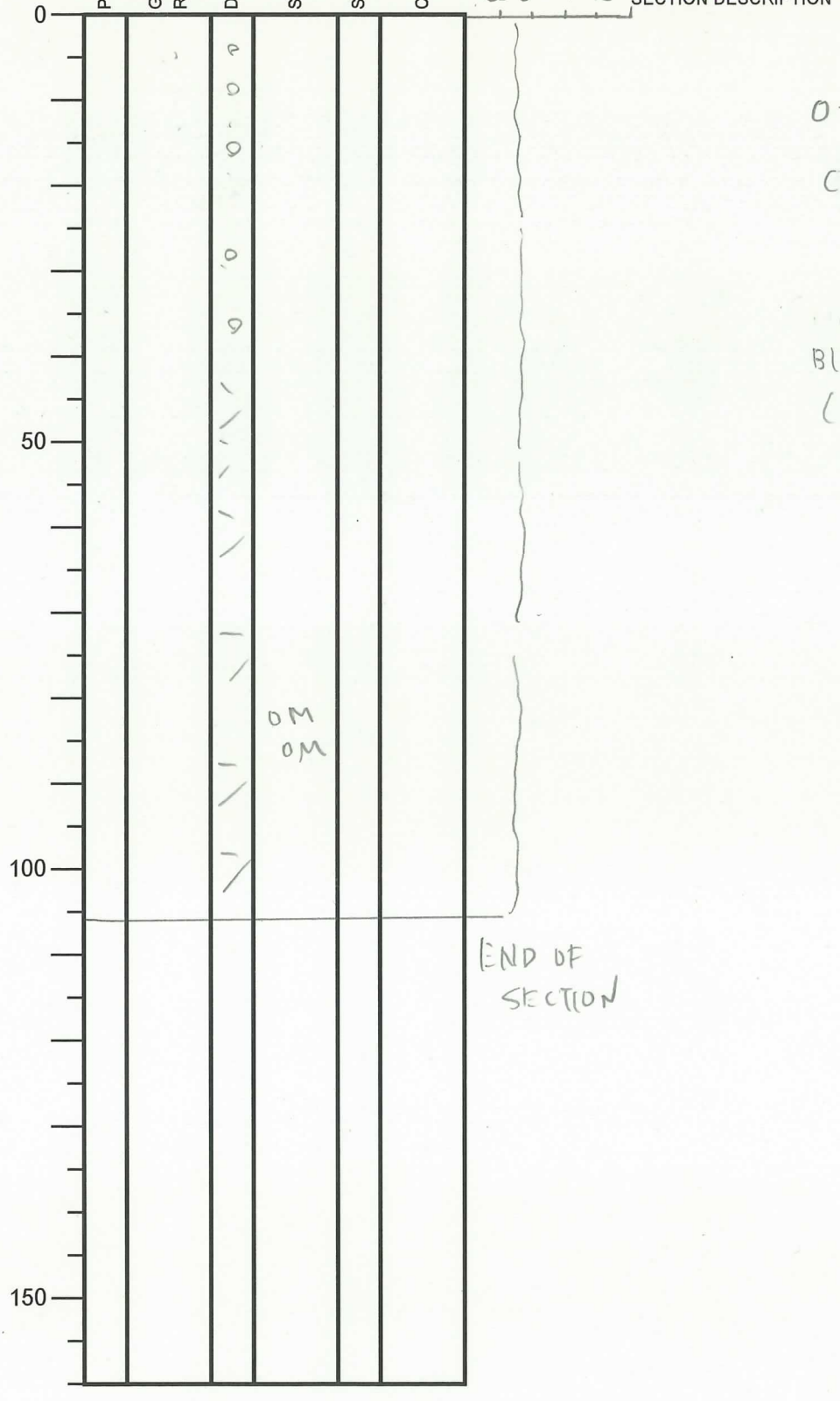
International Ocean Discovery Program

Visual Core Description

0-107 = Dark olive gray
Clayey silt to silty clay

NO.
DATE: 29 03 / / 2019
EXP.: 358
SITE/HOLE: C0054G
CORE: 24 X
SECTION: 4A
TOP DEPTH (m CSF):

OBSERBER: MH



0-107 =

Clayey silt to silty clay

Black organic material (OM) layers @ 80-83, 85-88.

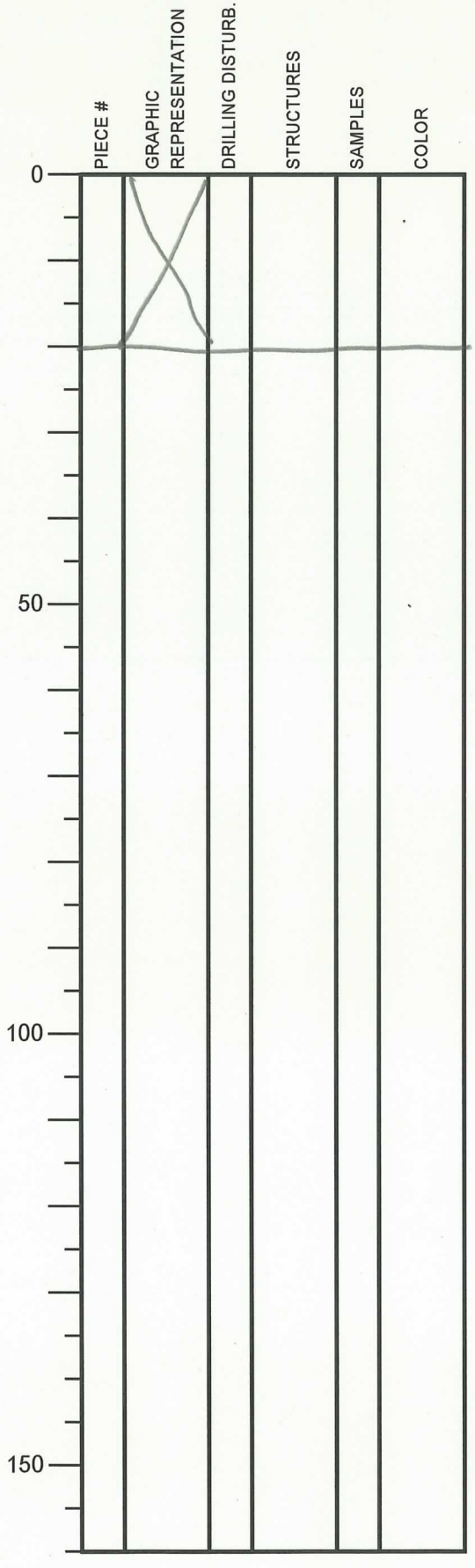
VCD_sheet_160629

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 3 / 27 / 20 19
EXP.: 358
SITE/HOLE: C0024
CORE: 24X
SECTION: 5
TOP DEPTH (m CSF):

OBSERBER: MBH



SECTION DESCRIPTION

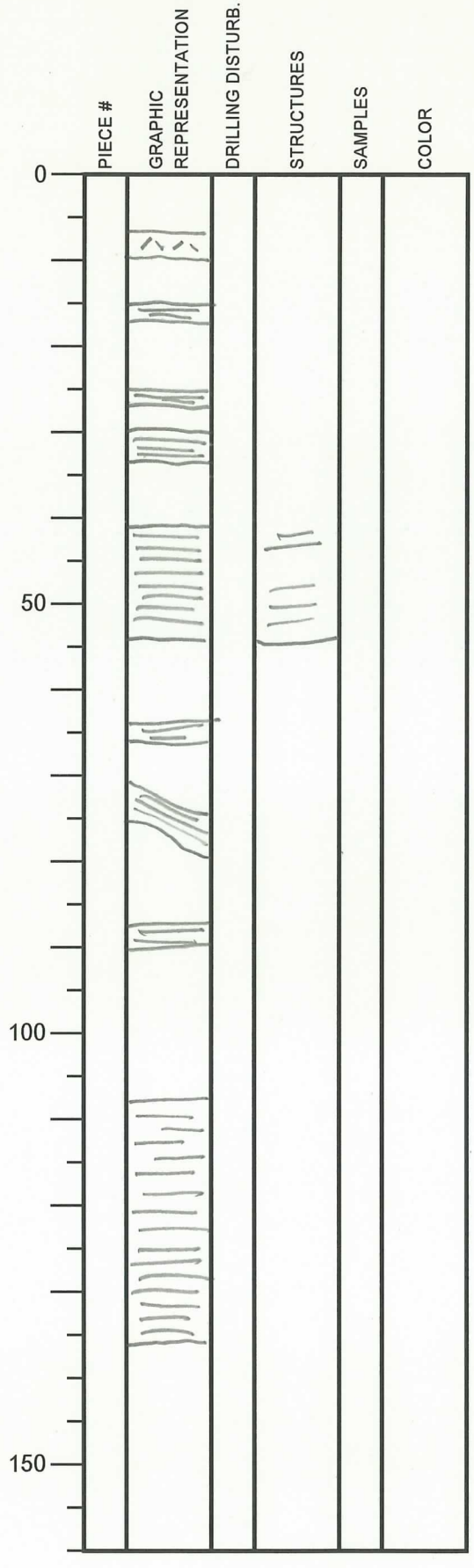
IW - WR

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 3/27/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 24X
SECTION: 6
TOP DEPTH (m CSF):

OBSERBER: MBU



SECTION DESCRIPTION

dark gray silty clay to clayey silt

light gray volcanic ash at 7-10 cm

silt to sandy silt beds with parallel laminae at

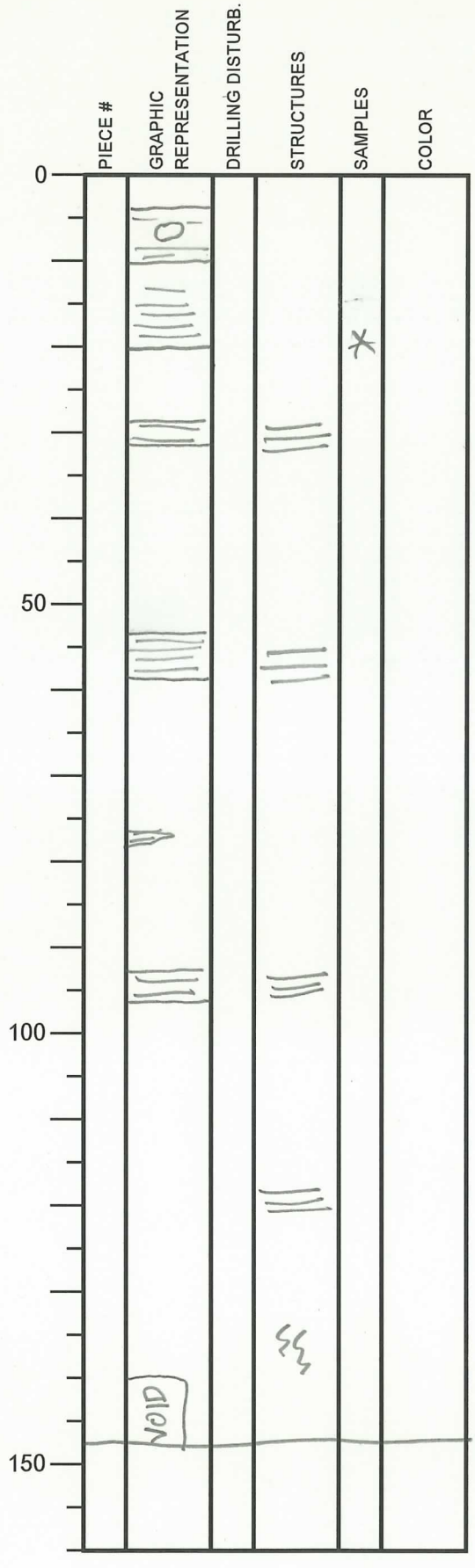
15-17 cm.
25-27 cm.
30-33 cm.
41-54 cm. – sharp base
65-66 cm.
70-77 cm.
108-136 cm. –

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 3/27/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 24X
SECTION: 7
TOP DEPTH (m CSF):

OBSERBER: MBU



SECTION DESCRIPTION

mostly fragmented silty clay to clayey silt

pod of gray ash at 7 cm.

silt with parallel laminae, darker gray at 6-11 cm.
14-20 cm. graded
29-31 cm.
53-57 cm.
93-96 cm.

Scattered preservation of bioturbation in intact fragments

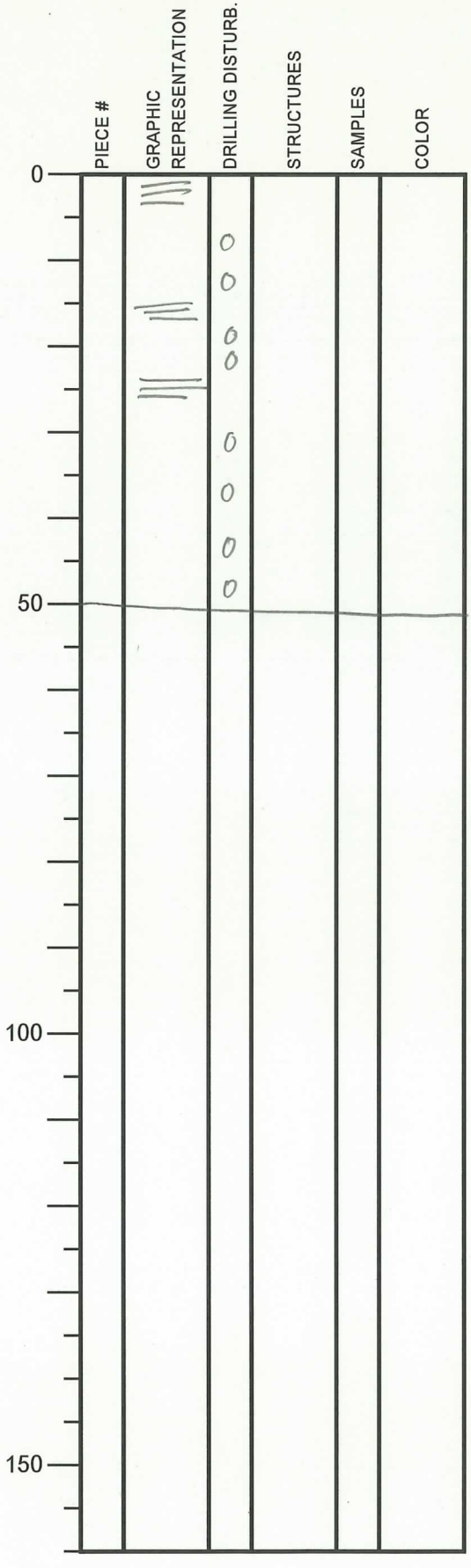
* SS (20 cm)
Bottom of graded silt (very fine sand)

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 3 / 27 / 2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 24X
SECTION: 8
TOP DEPTH (m CSF):

OBSERBER: MBU



SECTION DESCRIPTION

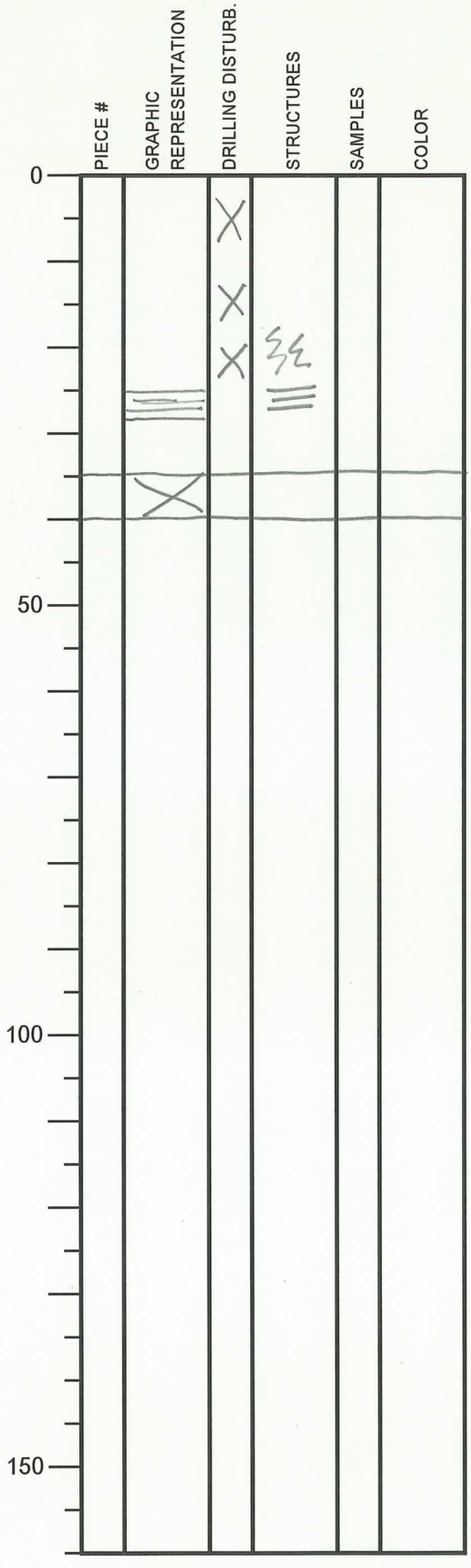
silty clay to clayey silt
mostly drill slurry
intact with laminae at
0-3
16-20
24-28

International Ocean Discovery Program

Visual Core Description

NO.
DATE: 3/27/2019
EXP.: 358
SITE/HOLE: C0024G
CORE: 24X
SECTION: CC
TOP DEPTH (m CSF):

OBSERBER: MBU



SECTION DESCRIPTION

fragmented silty clay to clayey silt
intact with bioturbation at 18-25

25-28 silt, parallel laminae

PAL-WR