

Integrated Ocean Drilling Program

Visual Core Description

NO. 654
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C00120
 CORE: 1H
 SECTION: 01
 TOP DEPTH (m CSF):

OBSERVER: S Gao

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0					5/6 10YR
					3/2 2.5Y
50			○		4/2 2.5Y
					3/6 2.5Y
100					
150					

SECTION DESCRIPTION

Silty clay
(light brown)

Silty clay
(Yellowish grey)

Silty clay, with
a nodule (~2.5cm
in diameter) at 65-67cm

Yellow colored
Silty clay, with
ash clasts in the
108-121 section.

- SS
(100cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 655
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 14
 SECTION: 02
 TOP DEPTH (m CSF):

OBSERVER: S. Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						4/2 2.5Y
						5/3 2.5Y
				↑		5/3 2.5Y
50				○		6/1 2.5Y
100						
150					*	

SECTION DESCRIPTION

Brownish grey silty clay, with ash.

Yellowish grey silty clay

SS (32 cm) sand, fining upward (Ash)
 Illite particles at the bottom

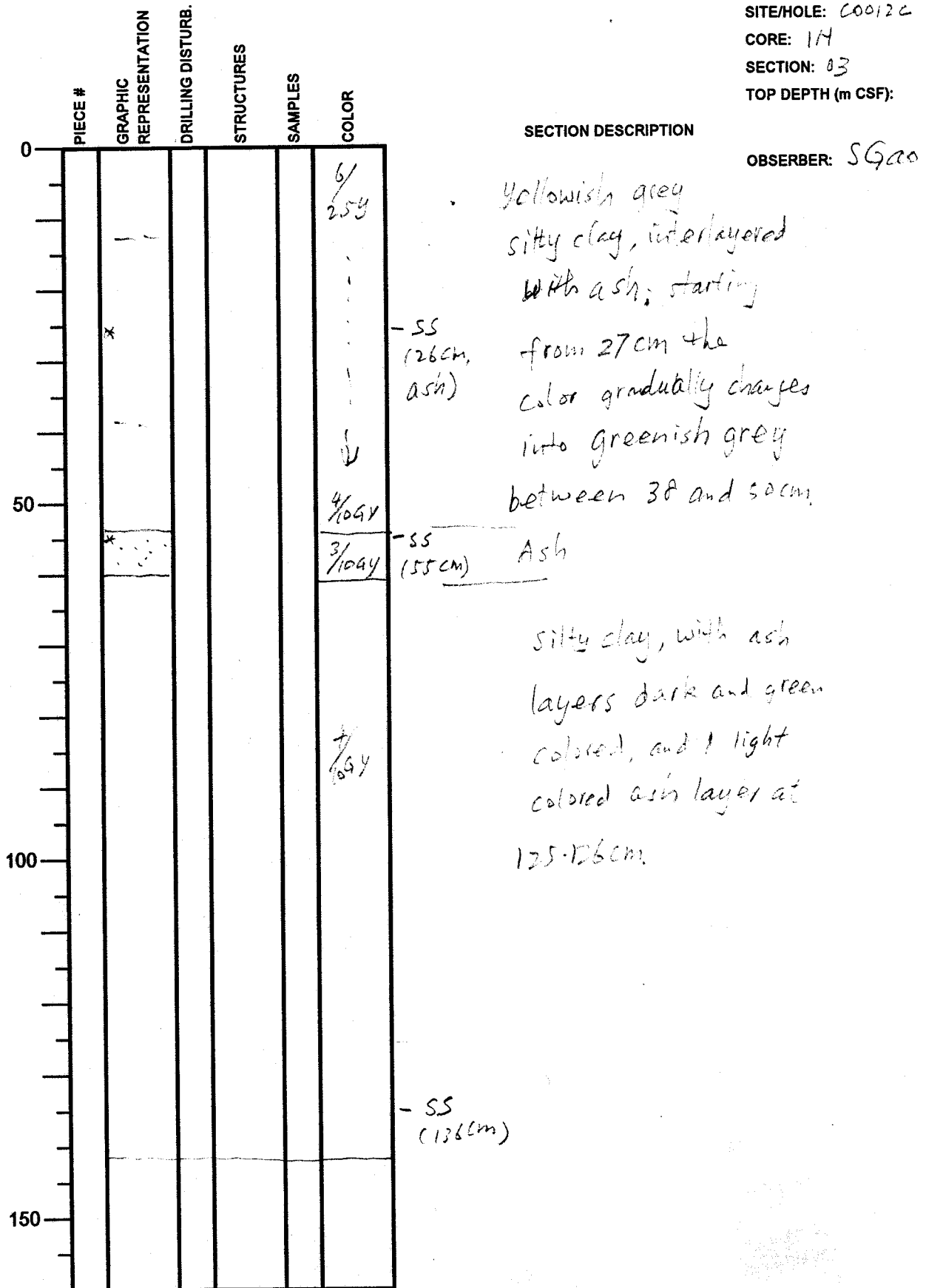
Yellowish grey silty clay, with a nodule at 53 cm and ash clasts at 66-67 cm.

SS = 131 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 556
 DATE: 29/12/2010
 EXP.: 338
 SITE/HOLE: C0012C
 CORE: 1H
 SECTION: 03
 TOP DEPTH (m CSF):



OBSERVER: SGao

Integrated Ocean Drilling Program

Visual Core Description

NO. 657
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 1H
 SECTION: 04
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/ 10Gy
100						
150						


SECTION DESCRIPTION

silty clay, with
 nodules (up to
 1cm in diameter)
 at 6.5cm, and
 ash layers and
 clasts.

OBSERVER: S Geo

Integrated Ocean Drilling Program Visual Core Description

NO. 658
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 114
 SECTION: CC-AA
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						4/gray
50						
100						
150						

SECTION DESCRIPTION

silty clay.

OBSERVER: S Gas

Integrated Ocean Drilling Program

Visual Core Description

NO. 659
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: Coole
 CORE: 24
 SECTION: 1
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50				oo		1067 5/L
83		●●●●		↑	*	567 7/L
86		●●●●				
100						1067 5/L
110		●●●●		↑ F	*	57 3/L
132		●●●●				1067 4/L
141		●●●●				1067 5/L
150						

SECTION DESCRIPTION

OBSERVER: JA

ash patches

Clay. Greenish grey. Mottled. Some possible Iron (Fe) - reduction banding.
 Two volcanic-ash layers.

ash SS = 85.5 cm (ash)

ash SS = 131 cm (brown ash)

Integrated Ocean Drilling Program

Visual Core Description

NO. 660
 DATE: 23/12/2010
 EXP.: 333
 SITE/HOLE: COO12C
 CORE: 2H
 SECTION: 2
 TOP DEPTH (m CSF):

OBSERVER: *Trago A.*

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						106y 4/1
50		(hand-drawn symbols)			106y 5/1	
100		(hand-drawn symbols)				
150		(hand-drawn symbols)				

SECTION DESCRIPTION

Mottled greenish grey clay -

ash patch ss = 6/5 cm (ash patch)

Integrated Ocean Drilling Program

Visual Core Description

NO. 661
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: COOL2C
 CORE: 2H
 SECTION: 3
 TOP DEPTH (m CSF):

OBSERVER: T. AWES

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0					
	-				10G7 5/1
30	-				
50	.				10R 6/1
74	-			*	
100	-			R	10G7 5/1
116	-			↓	
150					

SECTION DESCRIPTION

clay. mottled

volcanic ash

SS = 72 um (ash)

(Flowed-in)

clay. mottled

Integrated Ocean Drilling Program

Visual Core Description

NO. 662
 DATE: 25/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 24
 SECTION: 4
 TOP DEPTH (m CSF):

OBSERVER: J. MORGAN

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0					LST	
		(Flowed-in)				ash
		clay mottled			106y 5/L	
50					106y 7/11	
		clay mottled.			* 106y 5/L	
100						
						SS = 88 am (hemipelagic) sed.
150						

Integrated Ocean Drilling Program

Visual Core Description

NO. 663
 DATE: 2/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 2H
 SECTION: 5
 TOP DEPTH (m CSF):

OBSERVER: T. ALVES

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
		(Hand-drawn wavy lines)				1064 5/1
					N8	ash
50		(Hand-drawn irregular shapes)				N3
		(Hand-drawn irregular shapes)				1064 5/1
100						
	121					
150						

SECTION DESCRIPTION

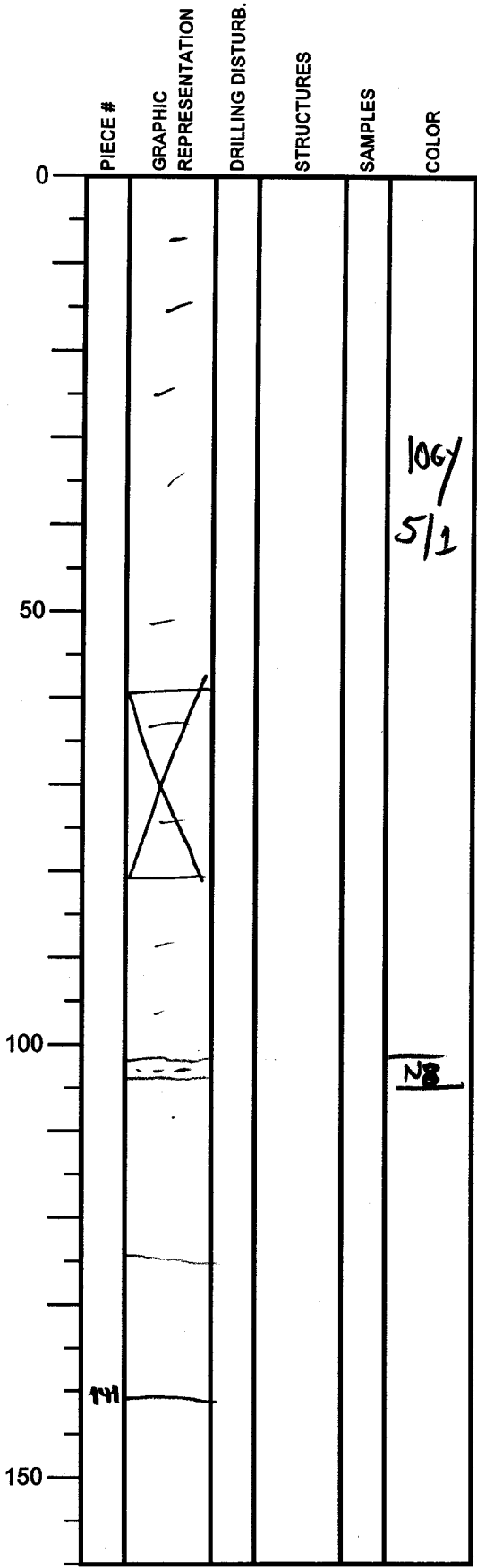
clay mottled by ash

Integrated Ocean Drilling Program

Visual Core Description

NO. 664
 DATE: 23/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 24
 SECTION: 6
 TOP DEPTH (m CSF):

OBSERVER: T. ALVES



SECTION DESCRIPTION

Clay. Mottled by osh and Fe bands

Integrated Ocean Drilling Program Visual Core Description

NO. 665
 DATE: 7/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 2H
 SECTION: 7
 TOP DEPTH (m CSF):

OBSERVER: J. M. V. 66

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		~				
50		~				106y 5/1
100		~				50y 4/1
150	B3	~				106y 5/1

SECTION DESCRIPTION

long. mottled by Fe + ash

Integrated Ocean Drilling Program

Visual Core Description

NO. 667
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 3H
 SECTION: 01
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50				/	4 /1064	
100				/		
150						

SECTION DESCRIPTION

OBSERVER:

Silty clay, with green layers that are highly tilted and folded. (>60°)

Integrated Ocean Drilling Program Visual Core Description

NO. 668
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: 002/2C
 CORE: 3H
 SECTION: 2
 TOP DEPTH (m CSF):

OBSERVER: S Gas

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

SECTION DESCRIPTION

The same as
 3H-01, with light-
 colored ash being
 at the bottom.

4/
1054

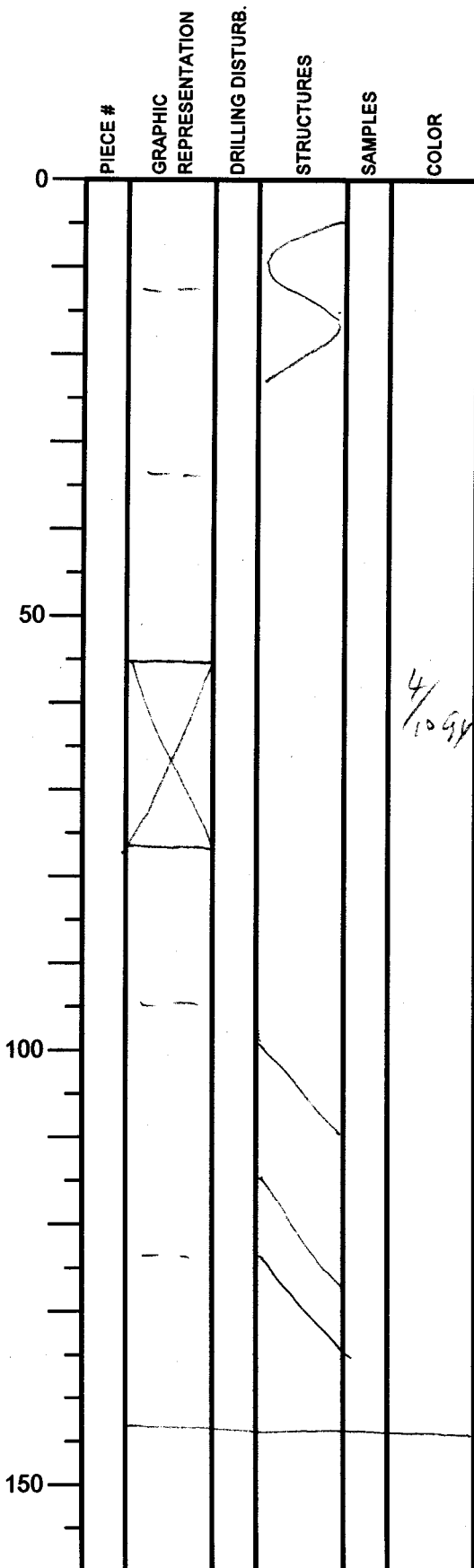
- SS (110 cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 669
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 3H
 SECTION: 3
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

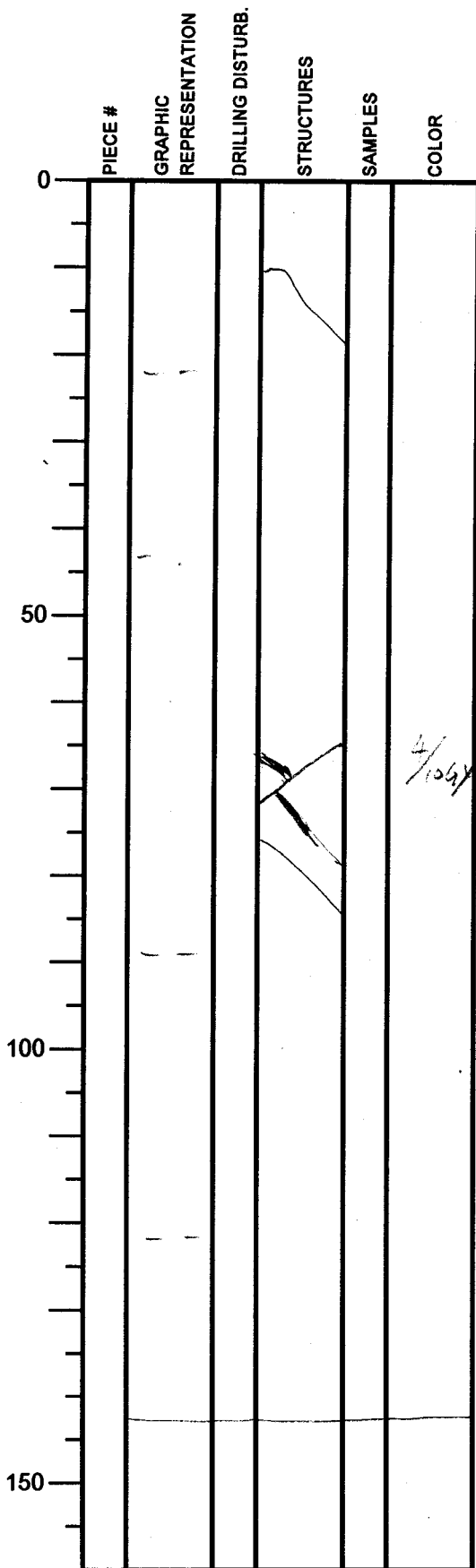
The same as
3H-01.

4/10/98

Integrated Ocean Drilling Program Visual Core Description

NO. 670
 DATE: 29/12/2000
 EXP.: 333
 SITE/HOLE: COS12C
 CORE: 3H
 SECTION: 4
 TOP DEPTH (m CSF):

OBSERVER: SGao



SECTION DESCRIPTION

The same as
 3H-01. A light
 colored ash layer
 in 73-89 cm, and
 a fault (?) can be
 seen at 69-72 cm

Integrated Ocean Drilling Program Visual Core Description

NO. 671
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: L0012C
 CORE: 3H
 SECTION: 5
 TOP DEPTH (m CSF):

OBSERVER: 56.20

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		(Hand-drawn sketch of a layer)				
100						
150						

SECTION DESCRIPTION

The same as
3H-01.

Asn layer

4/
1048

Integrated Ocean Drilling Program Visual Core Description

NO. 672
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: 00012C
 CORE: 3H
 SECTION: 6
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

The same as
 3H-01.

OBSERVER: S Gas

4/1097

Integrated Ocean Drilling Program

Visual Core Description

NO. 673
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 3H
 SECTION: 7
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

OBSERVER: S. Gao

The same as
 3H-0. Light-colored
 ash at 29-93 cm,
 and a green layer
 underneath.

4/10/94

- SS (110 cm)

Integrated Ocean Drilling Program Visual Core Description

NO. 674
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: 00012C
 CORE: 3H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0			▲			
50		X				4/1064
100						
150						

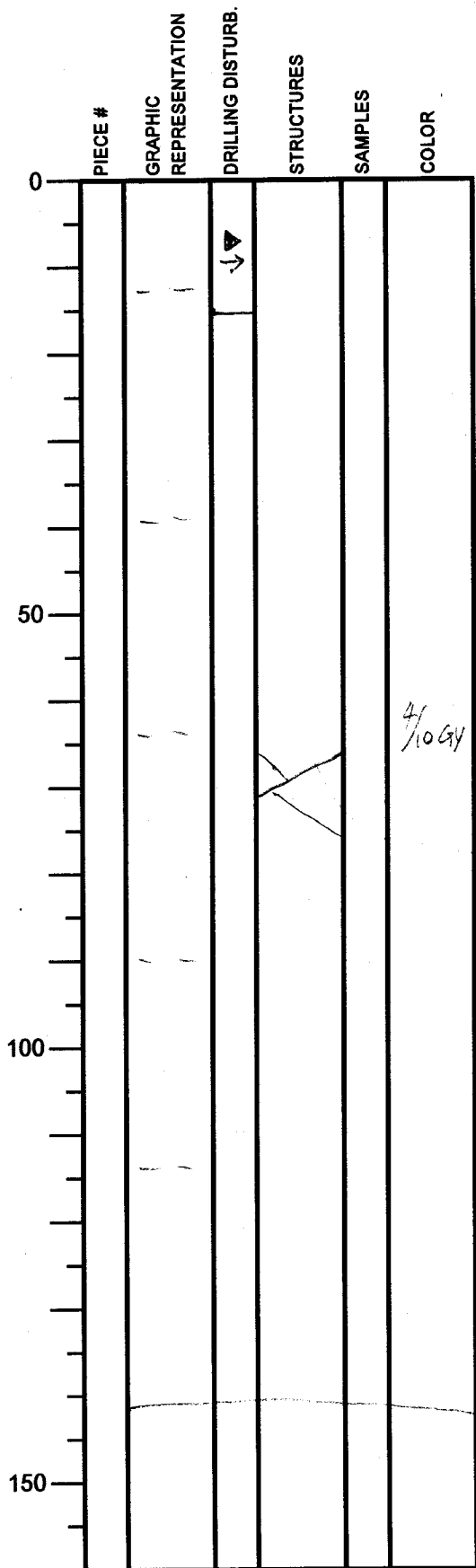
SECTION DESCRIPTION

silty clay.

OBSERVER: S Gao

Integrated Ocean Drilling Program Visual Core Description

NO. 675
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 4H
 SECTION: 01
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

Silty clay, with
 brown/green layers.
 The layers are highly
 tilted (> 60°)

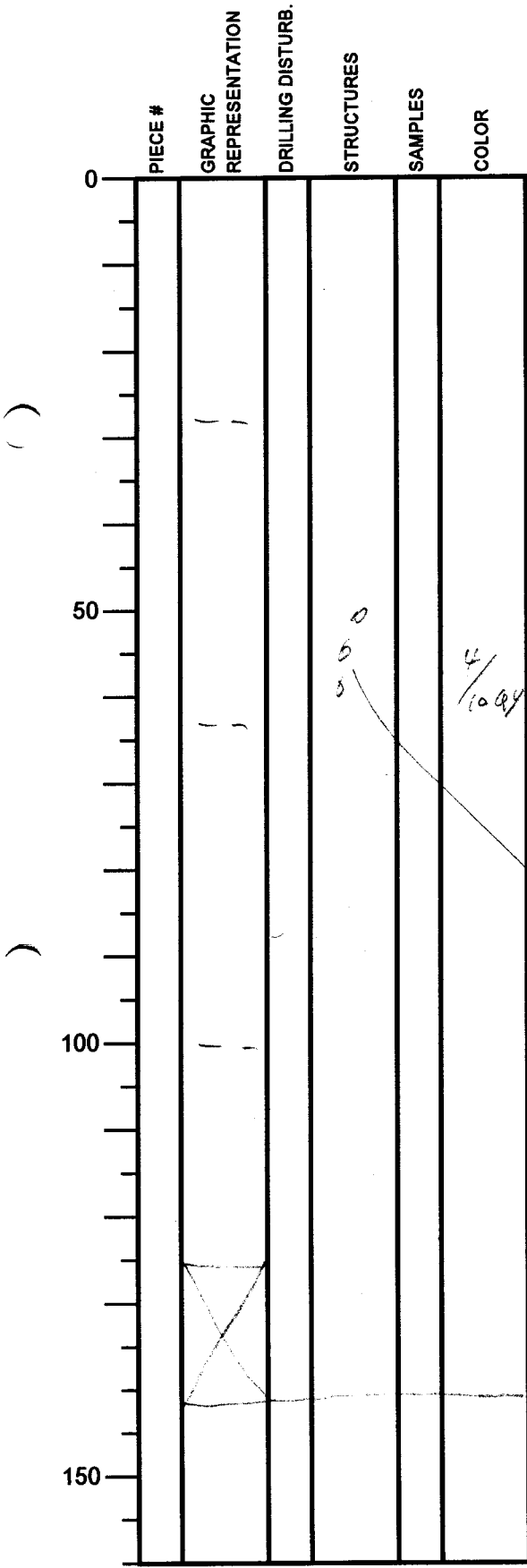
OBSERVER: S Gao

fac?

Integrated Ocean Drilling Program Visual Core Description

NO. 576
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 4H
 SECTION: 2
 TOP DEPTH (m CSF):

OBSERVER: S. Gao



SECTION DESCRIPTION

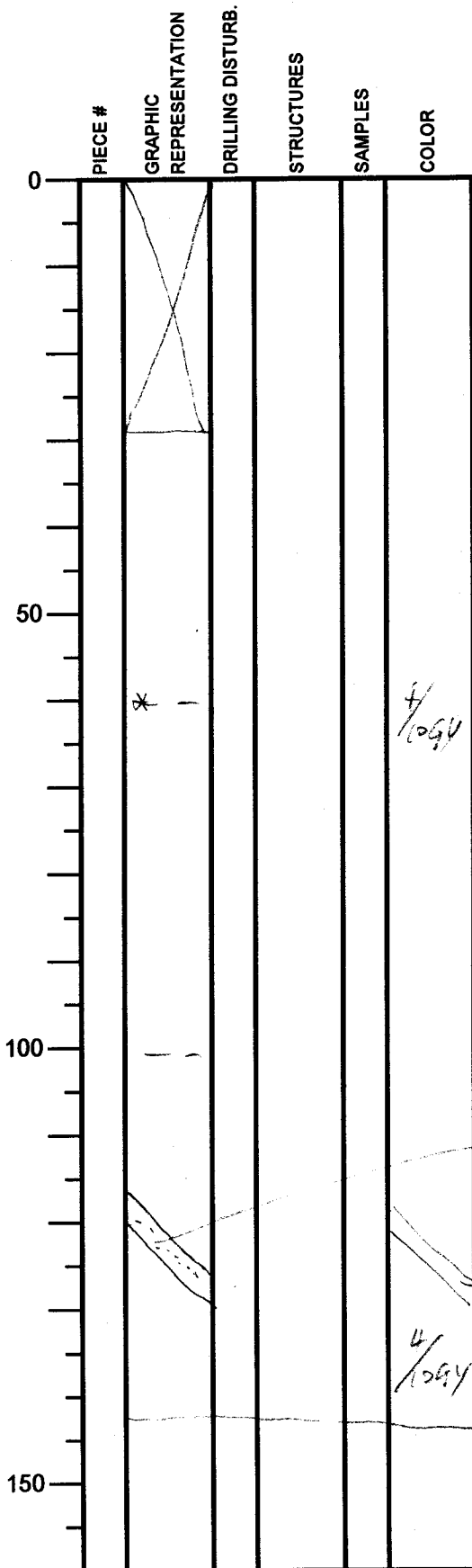
The same as
 4H-01. Dark
 brown fragments
 (wood) occur at
 40~50 cm. At
 20~35, a lighter
 colored layer is
 superimposed on a
 green layer.

Wood fragments.

Integrated Ocean Drilling Program

Visual Core Description

NO. 677
 DATE: 29/12/2010
 EXP.: 332
 SITE/HOLE: CO 012C
 CORE: 4H
 SECTION: 3
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

The same as
 4H-01. An ash
 layer occurs
 in the lower part
 (dark color; with
 green color at the
 bottom).

OBSERVER: S Gao

Integrated Ocean Drilling Program Visual Core Description

NO.: 678
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 4H
 SECTION: E
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

The same as
 4H-01.

OBSERVER: S Gao

4/1064

Integrated Ocean Drilling Program

Visual Core Description

NO. 679
 DATE: 29/2/2000
 EXP.: 333
 SITE/HOLE: COCOPC
 CORE: 4H
 SECTION: 6
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		/ /				4/ 1054
100		/ /				
150		*				

SECTION DESCRIPTION

The same as
4H-01.

- SS (120cm)

Integrated Ocean Drilling Program Visual Core Description

NO. 680
 DATE: 2/21/2010
 EXP.: 322
 SITE/HOLE: COO12C
 CORE: 4H
 SECTION: 7
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

The same as
4H-01.

OBSERVER: SGAO

4/
1094

Integrated Ocean Drilling Program Visual Core Description

NO. 681
 DATE: 29/12/2010
 EXP.: 323
 SITE/HOLE: C0012C
 CORE: 4H
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/ 10 Gy
100						
150						

SECTION DESCRIPTION

The same as
 CH-01.

Integrated Ocean Drilling Program Visual Core Description

NO. 682
 DATE: 29/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 4H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0			▲ ↓			4/10G4
50		X				
100						
150						

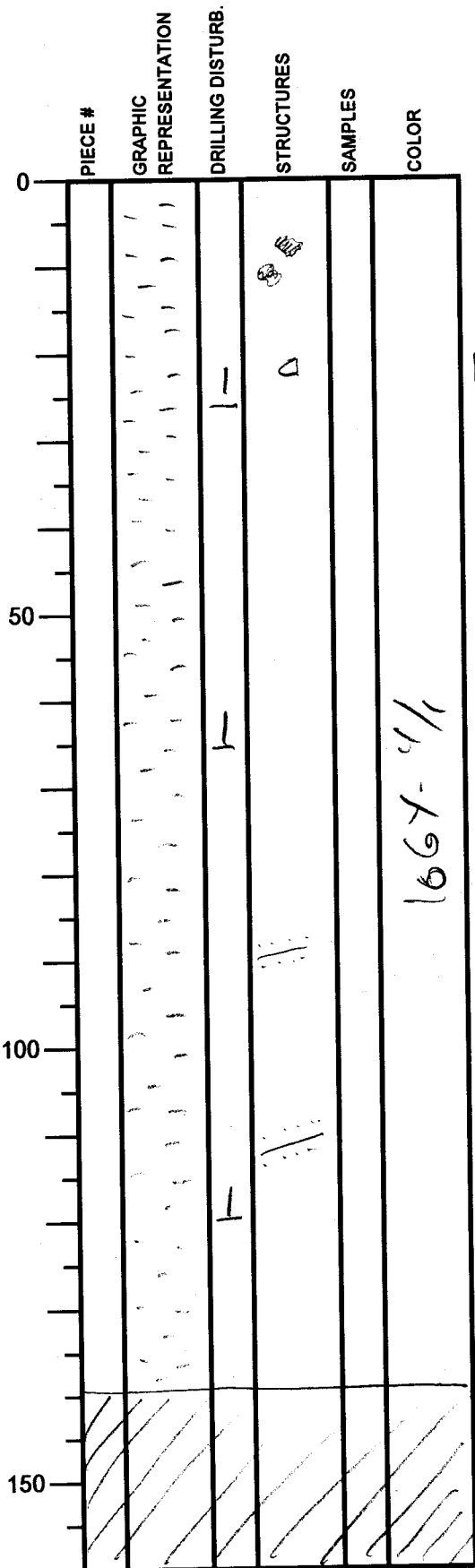
SECTION DESCRIPTION

Silty clay.
 Heavily disturbed
 by drilling.

OBSERVER: S Gan

Integrated Ocean Drilling Program Visual Core Description

NO. 683
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 517
 SECTION: 1
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *Y L*

patch of black ash

1/1-1991

Green laminae layers, tilted

Dark greenish gray clay with some color mottling, patches of ash and green laminae which are tilted.

EOC = 139.5 m

Integrated Ocean Drilling Program

Visual Core Description

NO. 684
 DATE 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: SM
 SECTION: 2
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50				/ / / / /		1061-1/1
100				HKWR AHWR		
150						

SECTION DESCRIPTION

OBSERVER:

J.L.

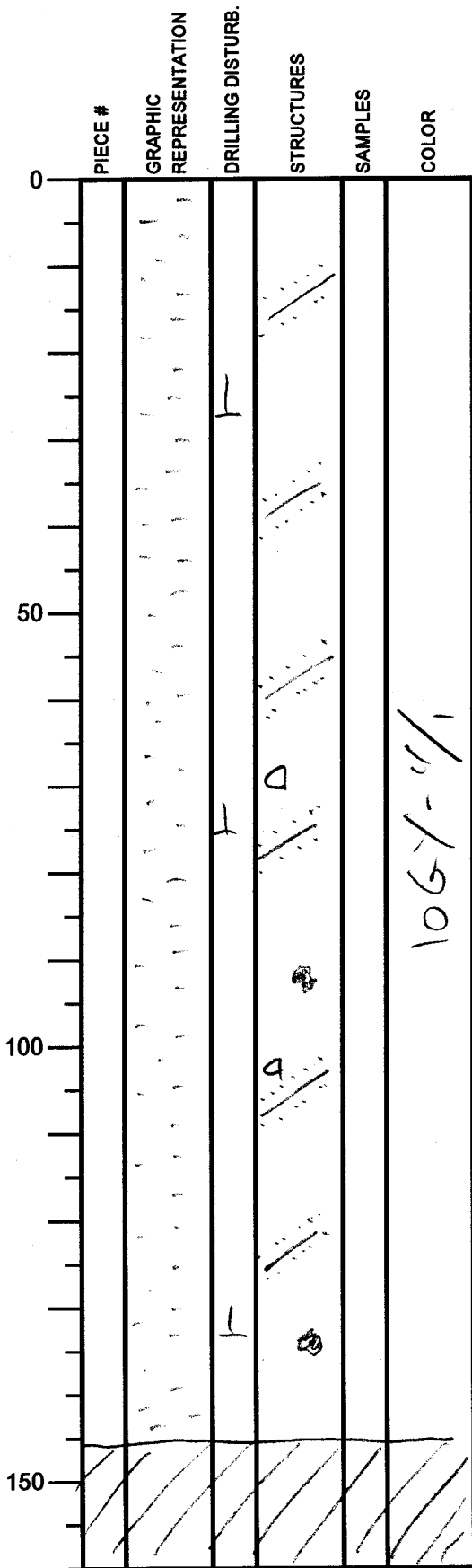
Dark greenish gray clay
 with some faint color mottling
 and tilted green laminae layers

EOC = 112 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 685
 DATE: 3/12/20 10
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 5H
 SECTION: 4
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *fa L*

Same as above

Patch of brown ash

1067-11

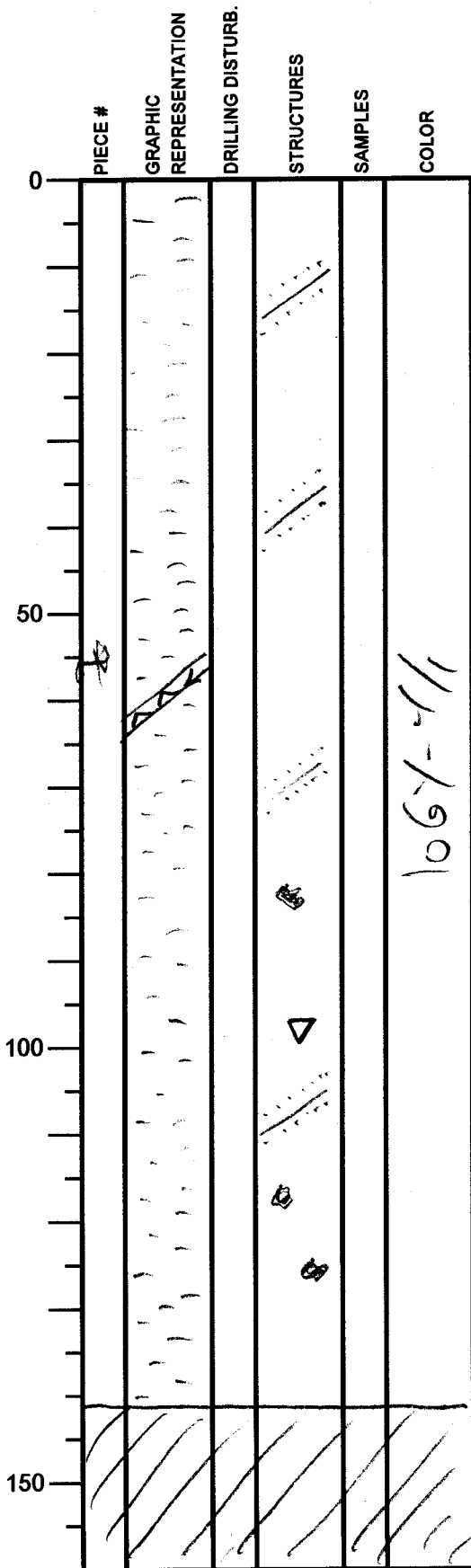
Patch of black ash

EOC = 146 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 686
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 5H
 SECTION: 3
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *JAL*

Same as above

Brown ash layer

1067-1/1

Outsized clast

* Smeared slide at 55cm

ZOC = 141.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 687
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 54
 SECTION: 6
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

Layer/patches of black ash

Patches of light gray ash

Same as above

Patch of black ash

Patches of light gray ash

OBSERVER: *YCL*

1067-411

EOC = 141 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 688
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 5H
 SECTION: 7
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

OBSERVER: *J. L.*

*Patch of ash
Faulted*

Same as above

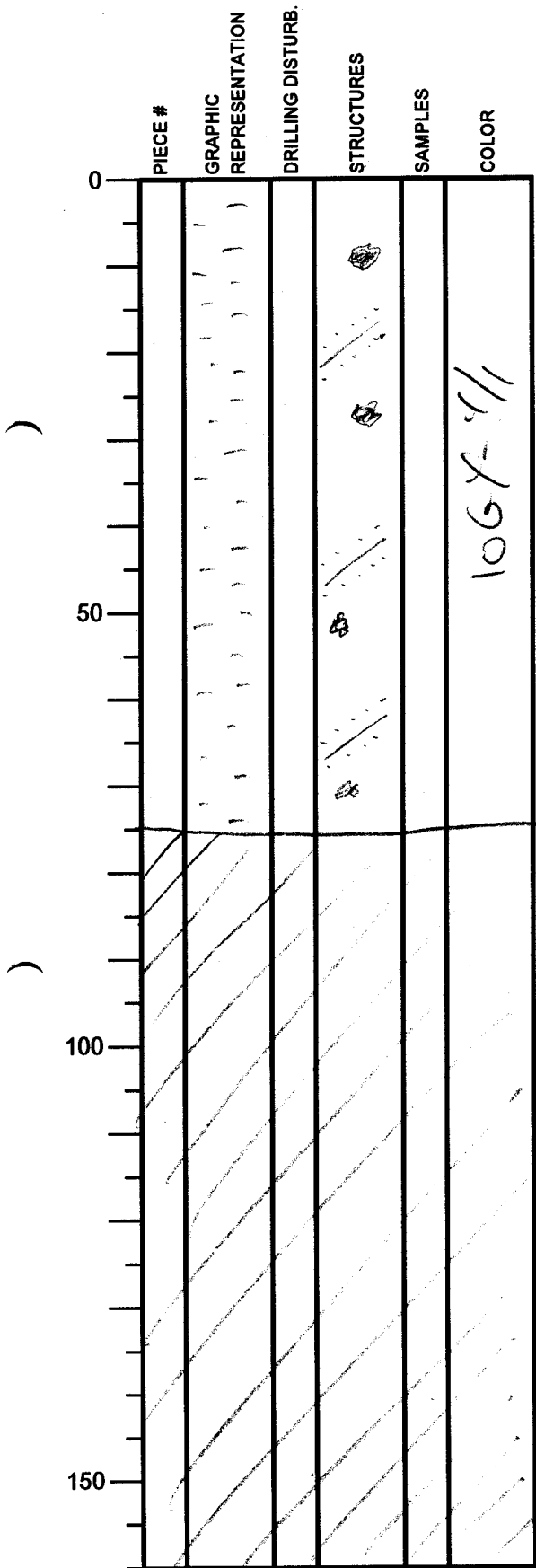
106Y-4/11

COM COM

EOC = 141C -

Integrated Ocean Drilling Program Visual Core Description

NO. 689
 DATE: 20/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 5H
 SECTION: 8
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

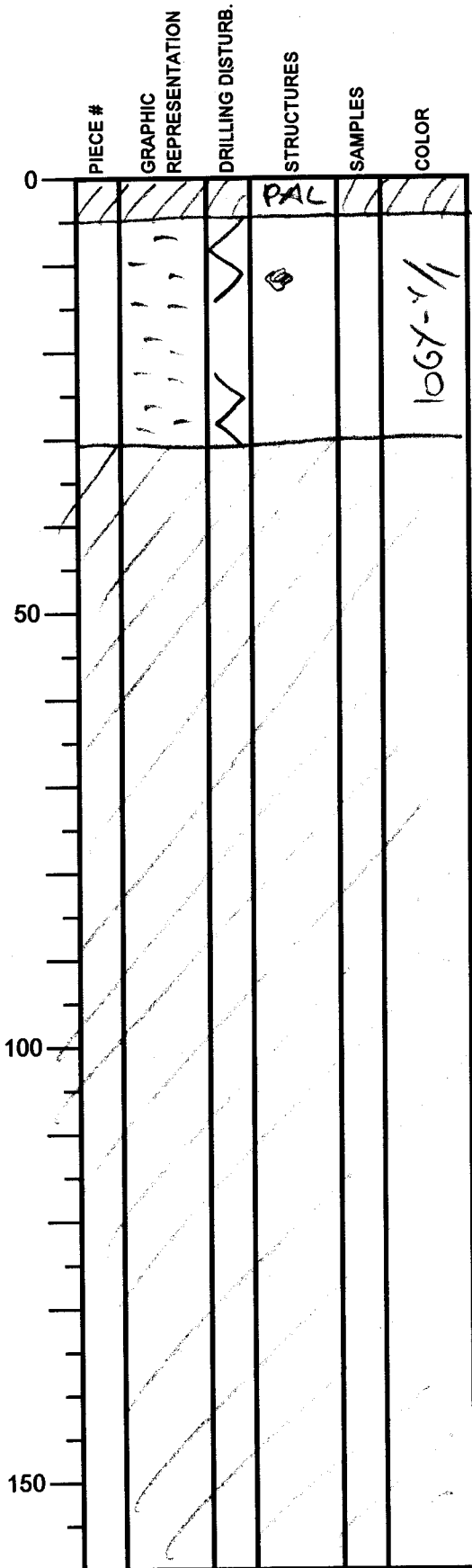
OBSERVER: *YzL*

EOC = 75m

Integrated Ocean Drilling Program

Visual Core Description

NO. 690
 DATE: 30/12/2000
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: SAH
 SECTION: CC
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER:

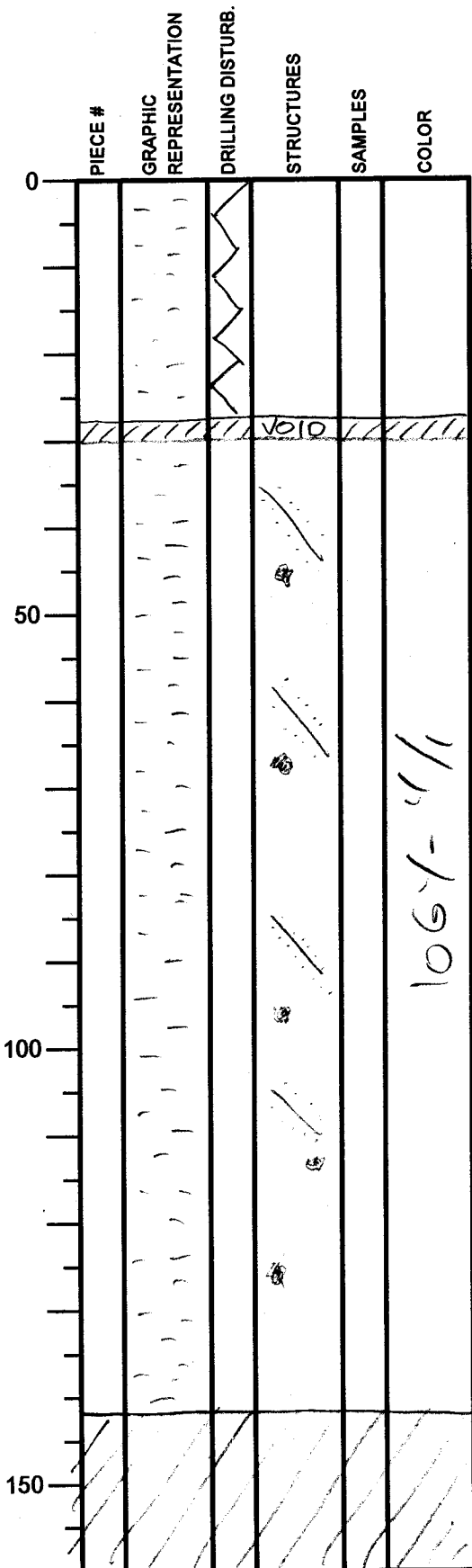
JCL

EOC = 31cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 691
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 64
 SECTION: 1
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

Severely disturbed during drilling.

OBSERVER: *YCL*

Dark greenish gray mud with some color mottling and grey laminae throughout, the laminae are tilted.

1/1-1.901

EOC = 14/2 cm

Integrated Ocean Drilling Program Visual Core Description

NO. 692
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 6H
 SECTION: 2
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0				/		/
50				/		/
75		/ / / / /		HGR		/ / / / /
100				/ / / / /		/ / / / /
125				/ / / / /		/ / / / /
150		/ / / / /		/ / / / /		/ / / / /

SECTION DESCRIPTION

OBSERVER: J.L.

Dark greenish gray mud
 with some color mottling
 and fine lamination throughout
 - in the upper part they
 are tilted, in the lower
 part they seem to have
 been folded

Folding

Patches of light gray ash
 - shear zone?

EOC = 142.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 643
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 64
 SECTION: 3
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50				VST		11, - 1901
100						
150				RMS		

SECTION DESCRIPTION

OBSERVER: *JCL*

Dark brown ash layer

Green laminae layers folded in some intervals

EOC ≈ 141.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 694
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 6H
 SECTION: 5
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50	*					
100						1067-11
150						

SECTION DESCRIPTION

OBSERVER: *Ja L.*

Dark greenish grey mud with some color mottling and green laminae. The laminae is tilted and partly folded and faulted.

** Smear slide of Soch.*

EOC = 142 cm

Integrated Ocean Drilling Program Visual Core Description

NO. 695
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 6H
 SECTION: 6
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		444				
100				1064-111		
150				COM COM		

SECTION DESCRIPTION

OBSERVER: J. L.

Ash layer, brown-dark brown with patches of black and light gray ash immediately above.

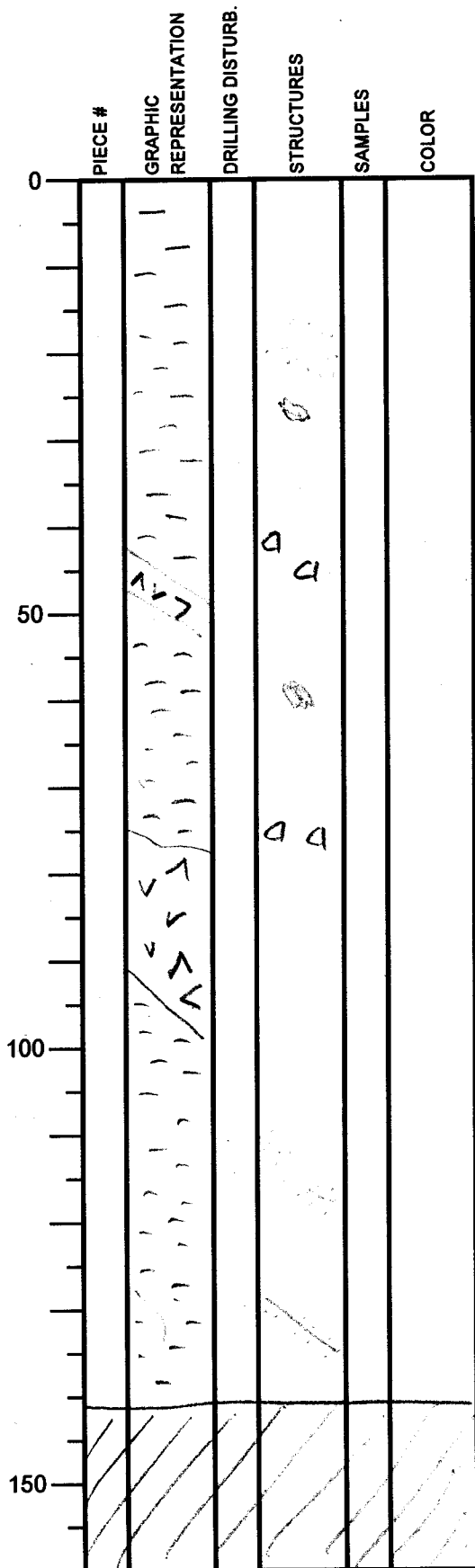
Same as above

EOC = 142.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 696
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 6H
 SECTION: 7
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: J. L.

Brown ash layer with patches of ash above

Light gray ash layer with patches of ash above

Same as above

EOC = 141 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 697
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 6H
 SECTION: 8
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		()		/		/
50		()		BSWR		/
100		()		HDWR		/ 1067-1901
150		()				

SECTION DESCRIPTION

OBSERVER: *Ja L.*

Same as above

EOC = 113 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 698
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 6H
 SECTION: CC
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						1067-1/1
				44		
				PAL		
50		/ / / / /				
100		/ / / / /				
150		/ / / / /				

SECTION DESCRIPTION

OBSERVER:

JAL

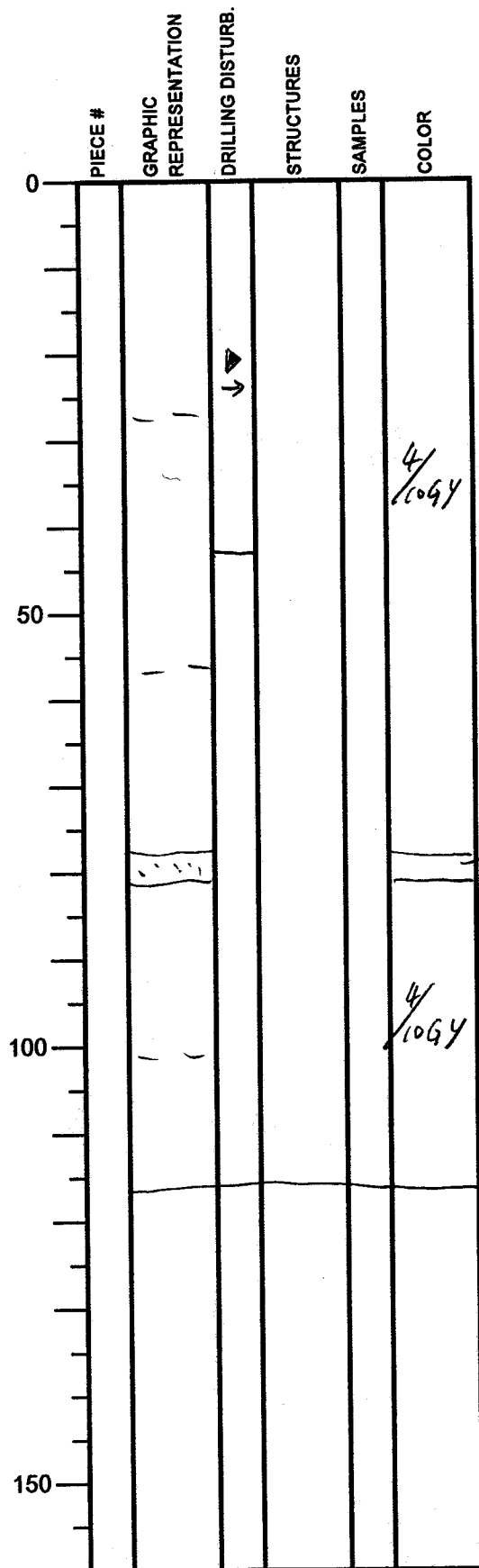
Patches of light gray ash

EOC = 35.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 699
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 1
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: S Gas

silty clay, with
 green and brown
 ash layers/clasts.
 A dark brown ash
 layer at 77-81cm.

Integrated Ocean Drilling Program Visual Core Description

NO. 700
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 2
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50					4/1064	
100						
150						

SECTION DESCRIPTION

Silty clay.

OBSERVER: *S Gas-*

Integrated Ocean Drilling Program Visual Core Description

NO. 701
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 3
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		(
50		(
100						4/ 1064
150						

SECTION DESCRIPTION

silty clay

OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 702
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 4
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		*			4 1064	
100			▲ →			
150						

SECTION DESCRIPTION

Silty clay.

— 55
(55 cm)

OBSERVER:

Integrated Ocean Drilling Program Visual Core Description

NO. 703
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 5
 TOP DEPTH (m CSF):

OBSERVER: S Gao

SECTION DESCRIPTION

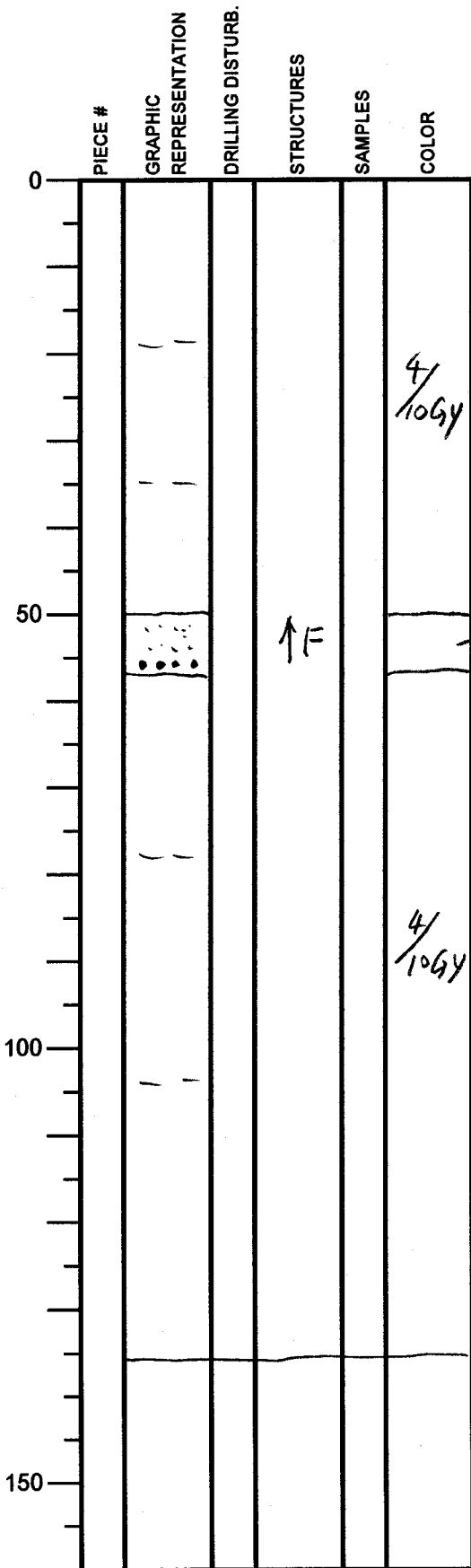
Silty clay.

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0			▼ ↓			
50						4/ 1064
100						
150						

Integrated Ocean Drilling Program

Visual Core Description

NO. 704
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 6
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: SGao

The same as
 7H-01. An ash
 layer, with gravel-
 sized clasts, at
 the bottom, occurs
 at 50-57 cm.

Integrated Ocean Drilling Program

Visual Core Description

NO. 705
 DATE: 30/1/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: 7
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		-	▲ ↓			4/ 1094
100		-	▲ ↓			4/ 1094
150						

SECTION DESCRIPTION

OBSERVER: S Gao

silty clay

Brown ash layer, mixing with the overlying silty clay (intruding up to 42 cm).

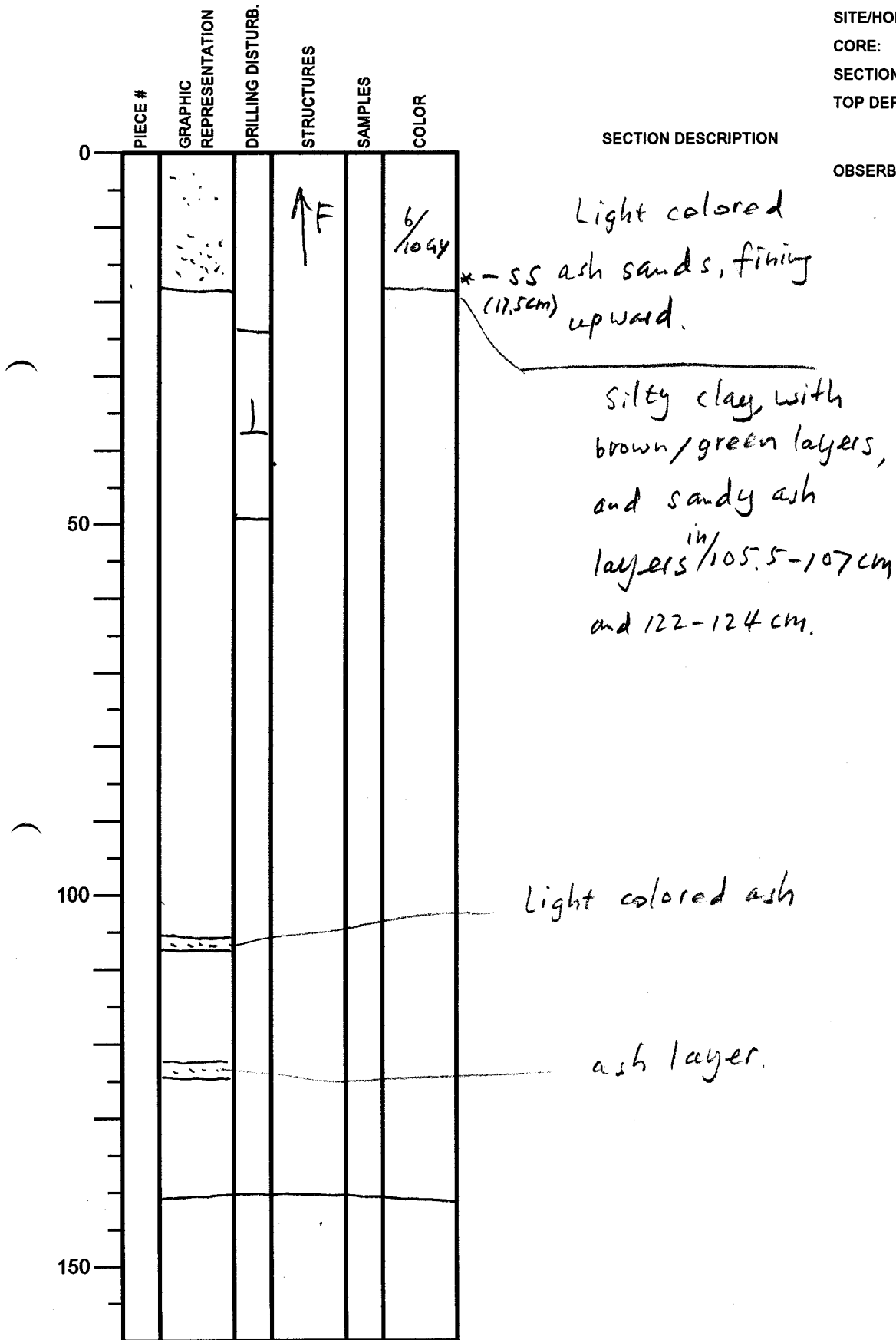
Silty clay. Towards the bottom, the sediment becomes lighter in color (ash?).

Integrated Ocean Drilling Program

Visual Core Description

NO. 706
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: 000/2C
 CORE: 7H
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: SGao



Integrated Ocean Drilling Program Visual Core Description

NO. 707
 DATE: 3/2/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 7H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/ 104y
100						
150						

SECTION DESCRIPTION

Silty clay, with ash clasts and green layers.

Integrated Ocean Drilling Program

Visual Core Description

NO. 708
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: 1
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50			▲ →		4/ 104y	
100						
150						

SECTION DESCRIPTION

OBSERVER: S Gas

Stiff mud, broken into gravelly-sized materials (due to drilling?)

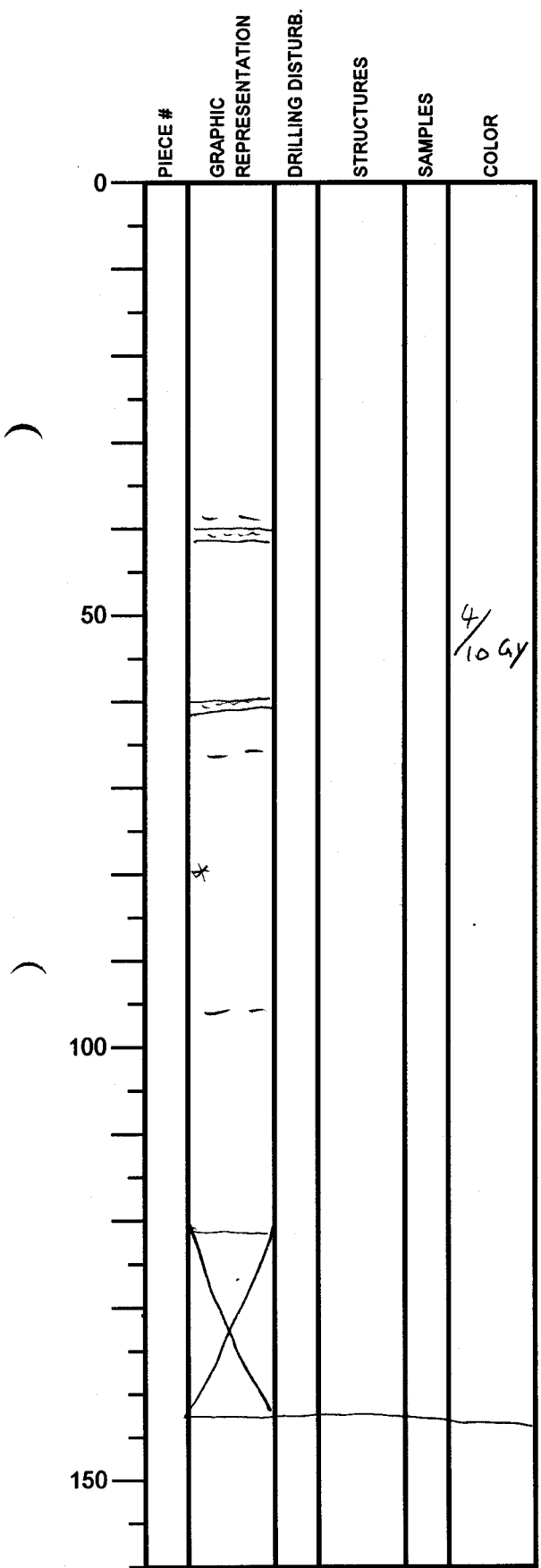
silty clay, with brown/green layers and clasts.

Integrated Ocean Drilling Program

Visual Core Description

NO. 709
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: 2
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

Silty clay, with
 brown/green/light color
 ash layers (e.g. in
 40-42cm, 60-62cm,
 and 100cm.

4/10 gy

- SS
 (80cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 710
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: 3
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						4/1044
50		 ● ● ● ●				3/1044
100						4/1044
150						

SECTION DESCRIPTION

OBSERVER: S Gao

Silty clay with ash layers and clasts. A pumice layer occurs at 22-33 cm, largest particles being > 2cm in diameter.

Integrated Ocean Drilling Program

Visual Core Description

NO. 711
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 814
 SECTION: 5
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/10GY
100						5/10GY
150						4/10GY

SECTION DESCRIPTION

OBSERVER: S Gao

Silty clay with
 ash layers and
 clasts, e.g. 32-44
 cm (light colored)
 and 101-107 cm
 (various colors).

Integrated Ocean Drilling Program

Visual Core Description

NO. 712
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: 6
 TOP DEPTH (m CSF):

OBSERVER: S. G. 20

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/1097
100						
150						

SECTION DESCRIPTION

The same as
 8H-05. Ash
 layers at 46-48
 and 119-120cm.

Ash, light colored.

Integrated Ocean Drilling Program Visual Core Description

NO. 713
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: 7
 TOP DEPTH (m CSF):

OBSERVER: S. Ga.

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		*				
100					4/1064	
150						

SECTION DESCRIPTION

The same as
 8H-6, but
 without thick
 ash layers

- SS
 (65cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 714
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: 8
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						4/106V
						3/106V
50						4/106V
100						
150						

SECTION DESCRIPTION

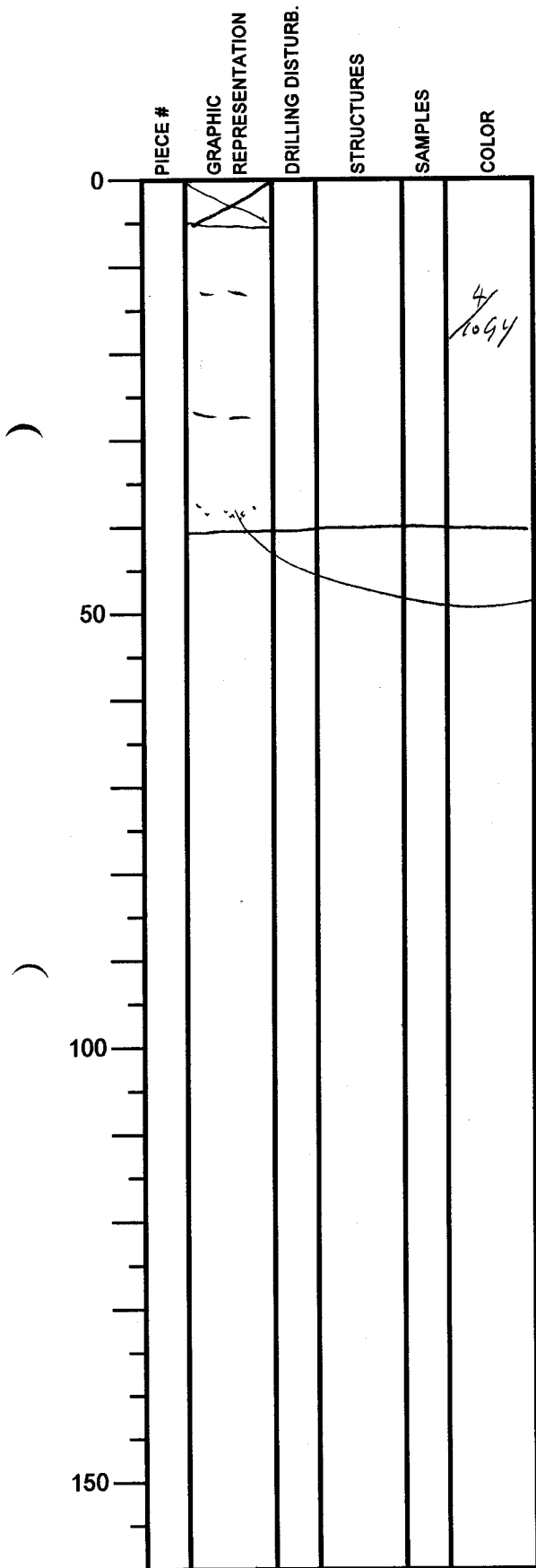
OBSERVER: S Gao

The same as
 8H-06, ash layer
 with color bands
 in 1A-24cm.

Integrated Ocean Drilling Program

Visual Core Description

NO. 715
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 8H
 SECTION: CC-AA
 TOP DEPTH (m CSF):



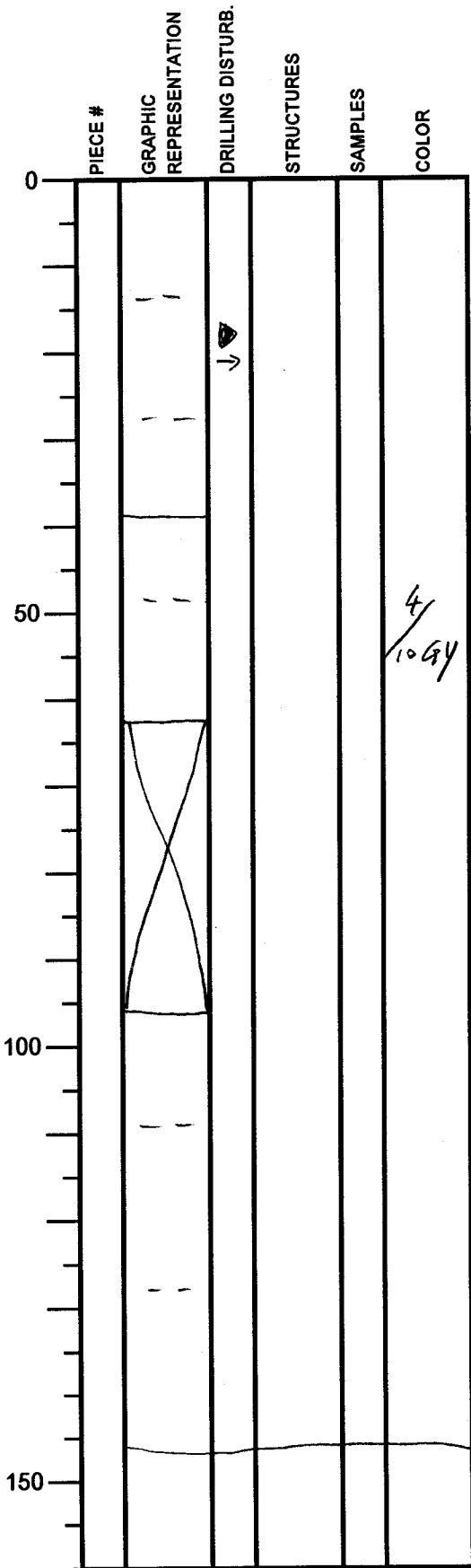
SECTION DESCRIPTION

Silty clay, with
 light colored ash
 occurring in the
 bottom part.

OBSERVER: S Gas

Integrated Ocean Drilling Program Visual Core Description

NO. 716
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: 01
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

Silty clay,
 stiff, broken to
 angular "gravels".

Silty clay, with
 ash bands and clasts.

OBSERVER: S Gas

Integrated Ocean Drilling Program

Visual Core Description

NO. 717
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: 00012C
 CORE: 9H
 SECTION: 02
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		(Hand-drawn sketch of layered ash)				4/ 10GY
100						
150						

SECTION DESCRIPTION

Silty clay, with ash layers and clasts.

Layered ash, light colored.

Integrated Ocean Drilling Program

Visual Core Description

NO. 718
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: 03
 TOP DEPTH (m CSF):

OBSERVER: S Gao

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

SECTION DESCRIPTION

Silty clay, with
 relatively light
 color. Good core

-ss quality.
 (36cm)

5/10/9H

Integrated Ocean Drilling Program

Visual Core Description

NO. 719
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: 05
 TOP DEPTH (m CSF):

OBSERVER: S Gas

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

SECTION DESCRIPTION

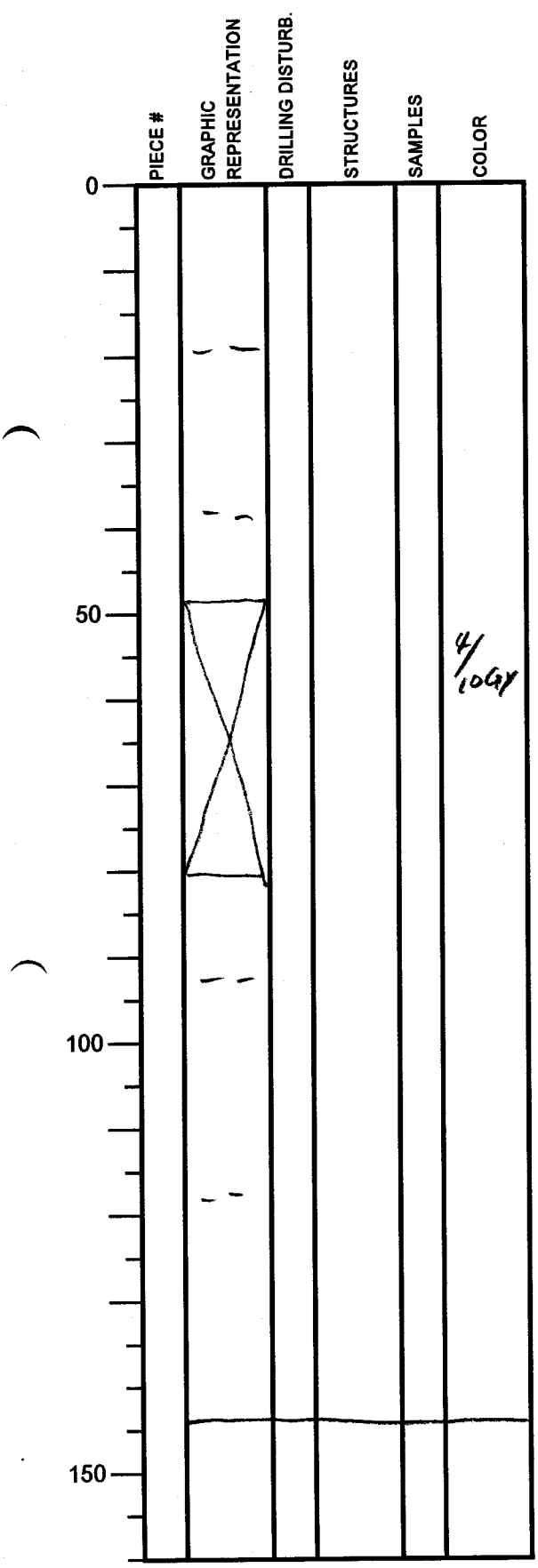
*Silty clay,
 Extremely good
 quality (smooth
 + continuous).*

9/10ay

Integrated Ocean Drilling Program

Visual Core Description

NO. 720
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: 06
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

Silty clay, the same as 9H-06. High angle tilting is present (~60°)

OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 721
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: 07
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

The same
as 9H-07.

OBSERVER: S Gao

4
1094

Integrated Ocean Drilling Program Visual Core Description

NO. 722
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR	
0							SECTION DESCRIPTION
50		*					silty clay
100					4/10 gy		SS (31cm)
150							

Integrated Ocean Drilling Program

Visual Core Description

NO. 723
 DATE: 30/12/2000
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 9H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						1064
50		X				
100						
150						

SECTION DESCRIPTION

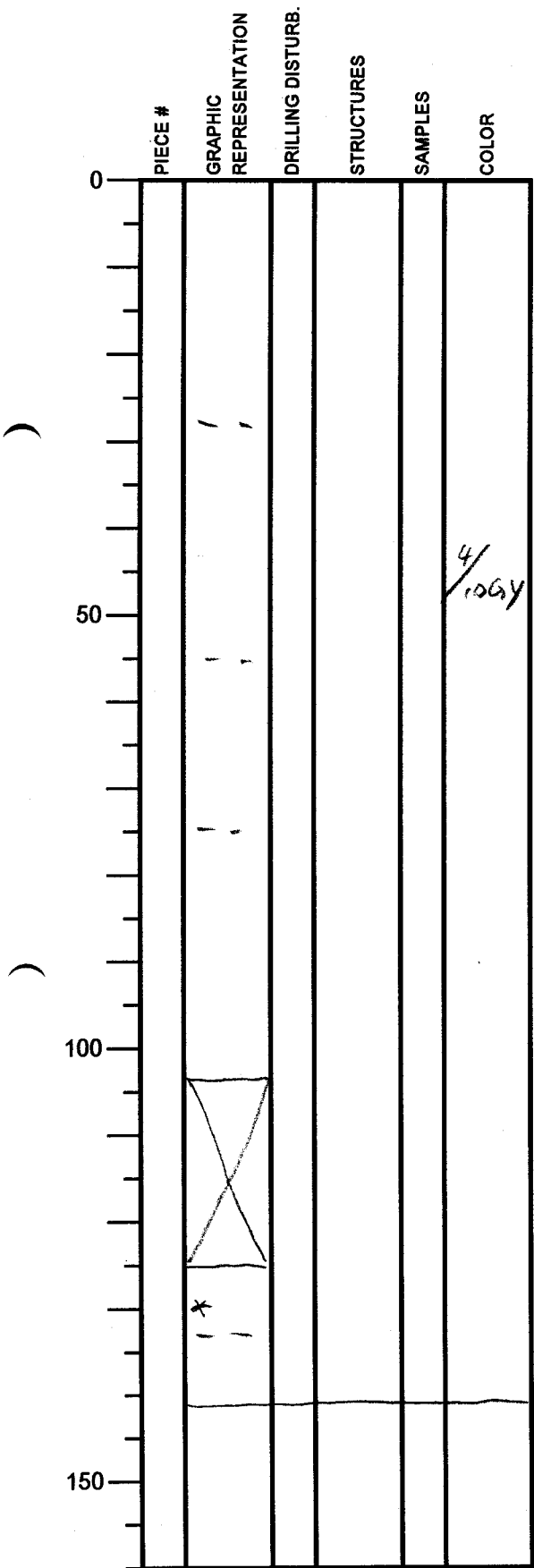
silty clay.

Integrated Ocean Drilling Program

Visual Core Description

NO. 724
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 01
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

Silty clay, with
 ash layers and
 clasts. 43-68
 cm is "hard mud".

- SS (130cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 725
 DATE: 30/12/2010
 EXP.: 335
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 02
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

Silty clay, with
 ash layer occurring
 at 47-50cm
 Very good core quality.

Brown ash.

4/1044

OBSERVER: S Gao

Integrated Ocean Drilling Program Visual Core Description

NO. 726
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 3
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		() () () ()				4/1094
50						
100						
150						

SECTION DESCRIPTION

The same as
10H-2.

Integrated Ocean Drilling Program

Visual Core Description

NO. 727
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 4
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		(Hand-drawn symbols)				3/10GY
50						4/10GY
100						
150						

SECTION DESCRIPTION

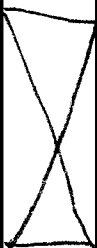
Ash layer at the top; silty clay in the lower part.

OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 728
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 5
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						#/094
100						
150						

SECTION DESCRIPTION

OBSERVER: S Gao

Silty clay, with brown/green layers. There ^{are} deformations/bioturbations of the bedding.

Integrated Ocean Drilling Program

Visual Core Description

NO. 729
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 104
 SECTION: 6
 TOP DEPTH (m CSF):

OBSERVER: S Gao

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

SECTION DESCRIPTION

Silty clay with
 deformations/faults.
 The bed is deformed
 significantly.

4/1064

Integrated Ocean Drilling Program Visual Core Description

NO. 730
 DATE: 2012/20/10
 EXP.: 333
 SITE/HOLE: C0012 C
 CORE: 10H
 SECTION: 7
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						4/ 1049
50						
100						
150						

SECTION DESCRIPTION

The same as
10H-6.

Integrated Ocean Drilling Program

Visual Core Description

NO. 731
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/10GY
100						
150						

SECTION DESCRIPTION

The same as
 10H-6.

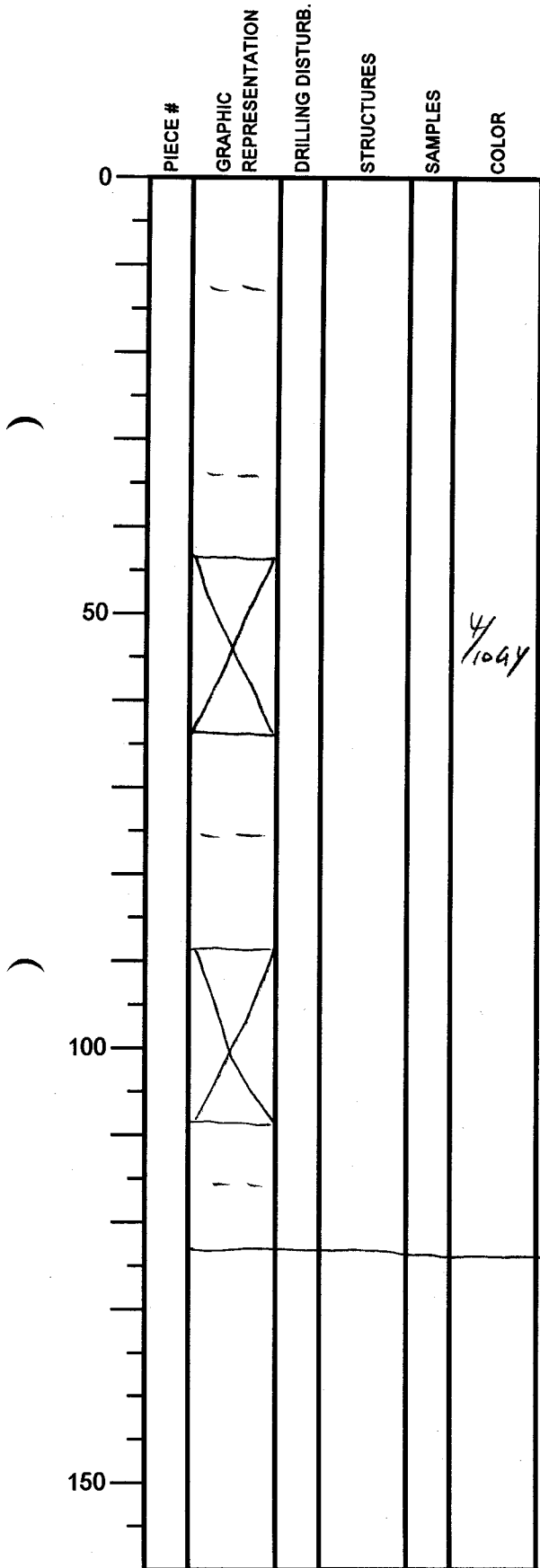
- SS (65cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 732
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: 9
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

The same as
 10H-06, but the
 bedding is mainly
 horizontal.

Integrated Ocean Drilling Program

Visual Core Description

NO. 733
 DATE: 30/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 10H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		 X				4/ 1064
100						
150						

SECTION DESCRIPTION

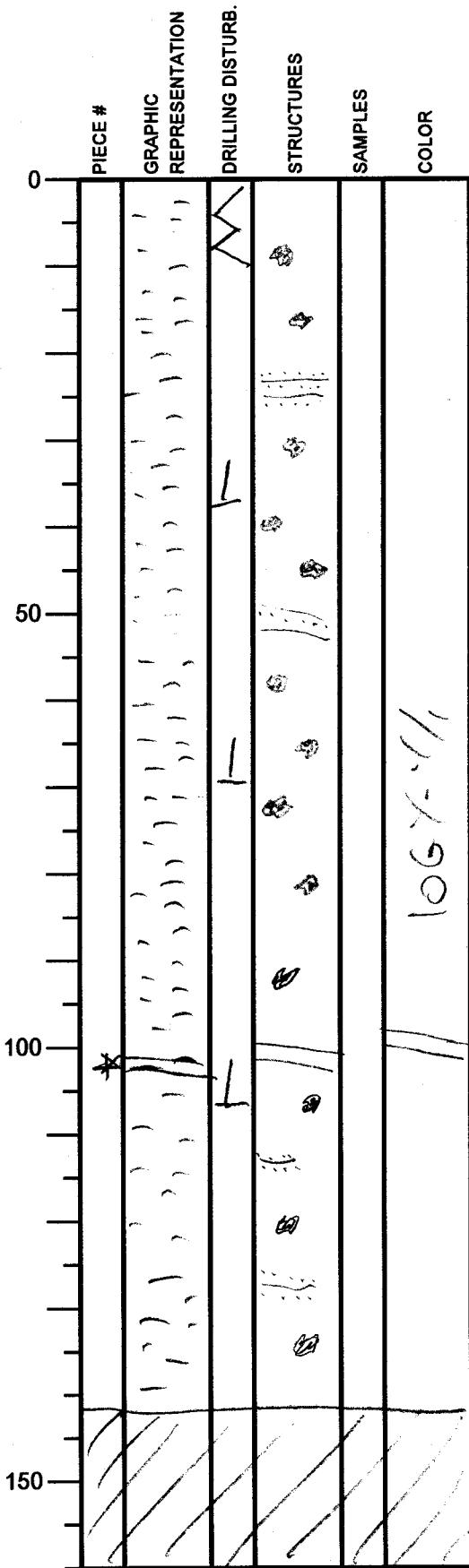
Silty clay.

OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 734
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11 H
 SECTION: 1
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *fal*

Dark greenish gray clay
 with some color banding
 (green laminae/layers)
 and profound color mottling
 => heavily mottled
 SSS

Thin, dark brown layer with sharp upper and lower boundaries

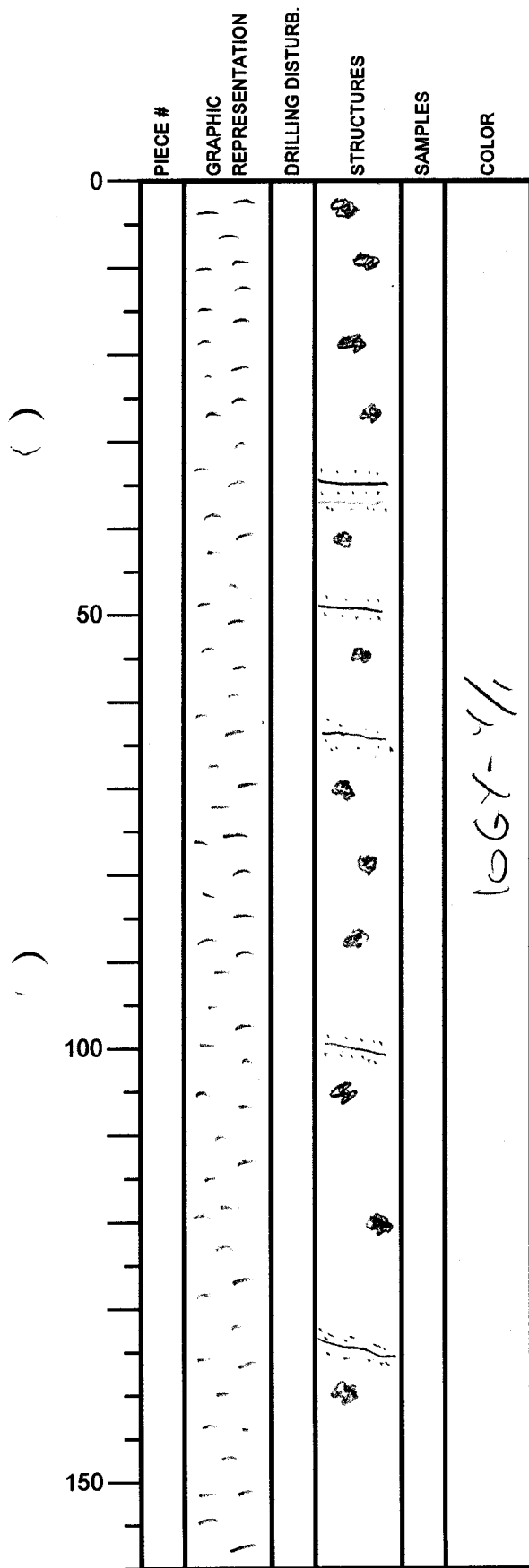
* Smear slide at 103.5cm

EOC = 142cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 735
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11 H
 SECTION: 2
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *JCL*

Green laminae layers

log 11

*Dark greenish gray clay
 with some color banding
 (green laminae layers) and
 profound color mottling
 throughout & heavily
 waterbaked*

Integrated Ocean Drilling Program

Visual Core Description

NO. 836
 DATE: 3/12/20 10
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11 H
 SECTION: 3
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0				(((((
50			H	(((((11-2990
100	((
150	((

SECTION DESCRIPTION

OBSERVER: *Y= C*

Same as above

EOC = 63.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 737
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11 + f
 SECTION: 4
 TOP DEPTH (m CSF):

OBSERVER: *Y L*

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0				• • • • •		
50				• • • • •		106 Y-111
100				W L W R O V M A O 2 M M 7 M		
150		/ / / / /				

SECTION DESCRIPTION

Same as above

EOC = 121.5 cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 738
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11 TT
 SECTION: 5
 TOP DEPTH (m CSF):

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0					1/1 - 5/1 - 6/1
50					1/1 - 1/1 - 1/1
100					
150					

SECTION DESCRIPTION

OBSERVER:

JCL

Greenish gray

Lower part

The upper part is a greenish gray clay with profound color mottling in the upper part - heavily water-battered. (Comprises altered volcanic ash)

The lower part is dark greenish gray clay with some green layers and profound color mottling - heavily water-battered.

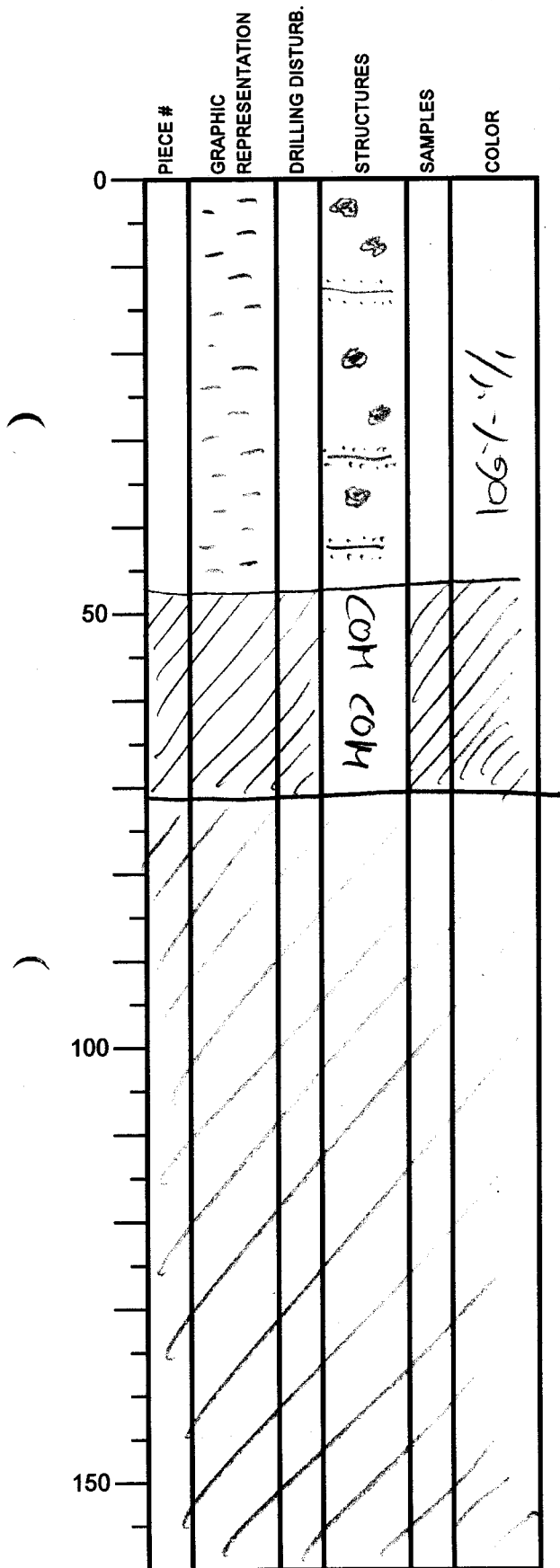
* Smear slide at 30cm

EOC = 610

Integrated Ocean Drilling Program

Visual Core Description

NO. 739
 DATE: 3/12/200
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11#
 SECTION: 7
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER:

Same as above

JEL

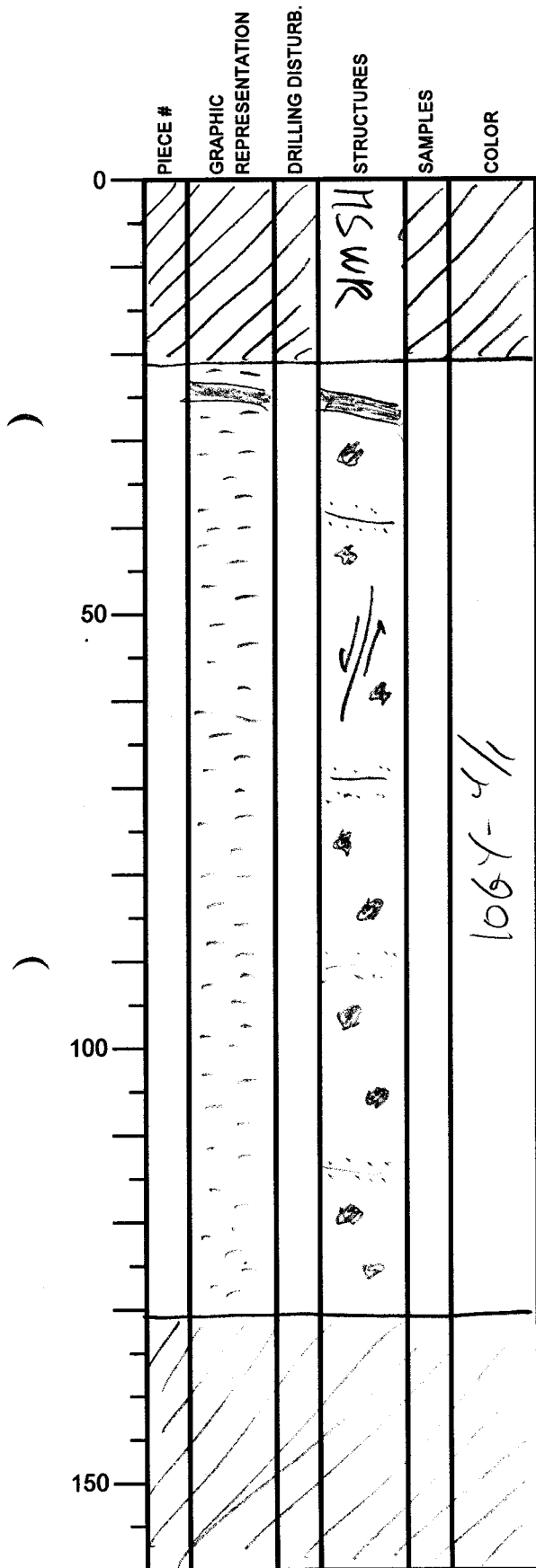
EOC = 71cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 710
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11 #
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: *JAL*

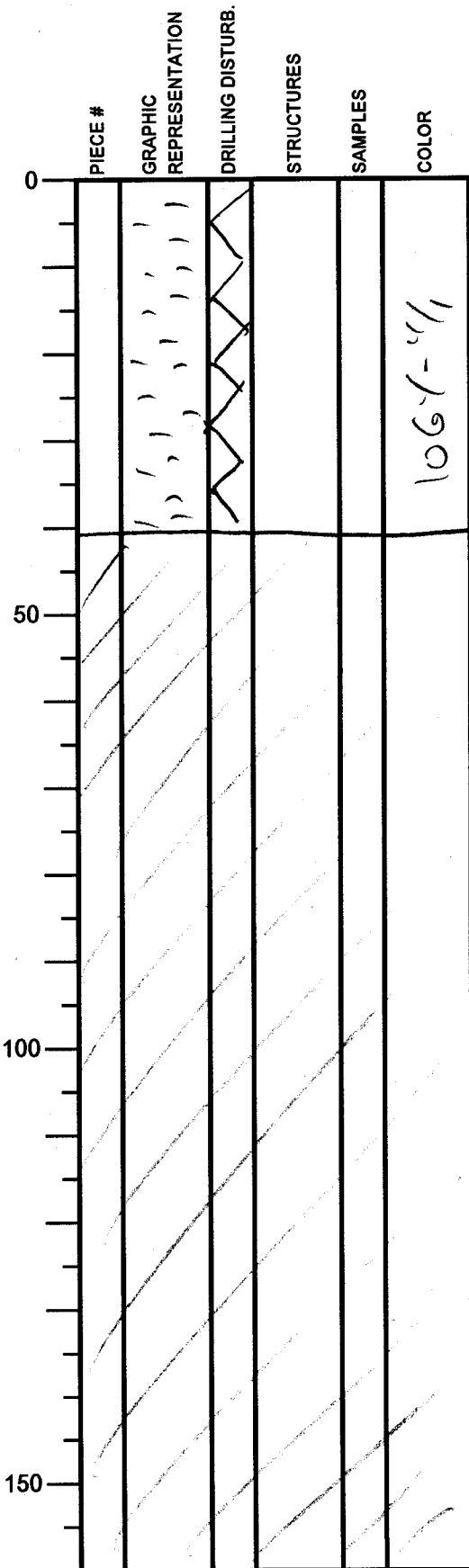


SECTION DESCRIPTION

Same as above

Integrated Ocean Drilling Program Visual Core Description

NO. 741
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 11H
 SECTION: CC
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *JCL*

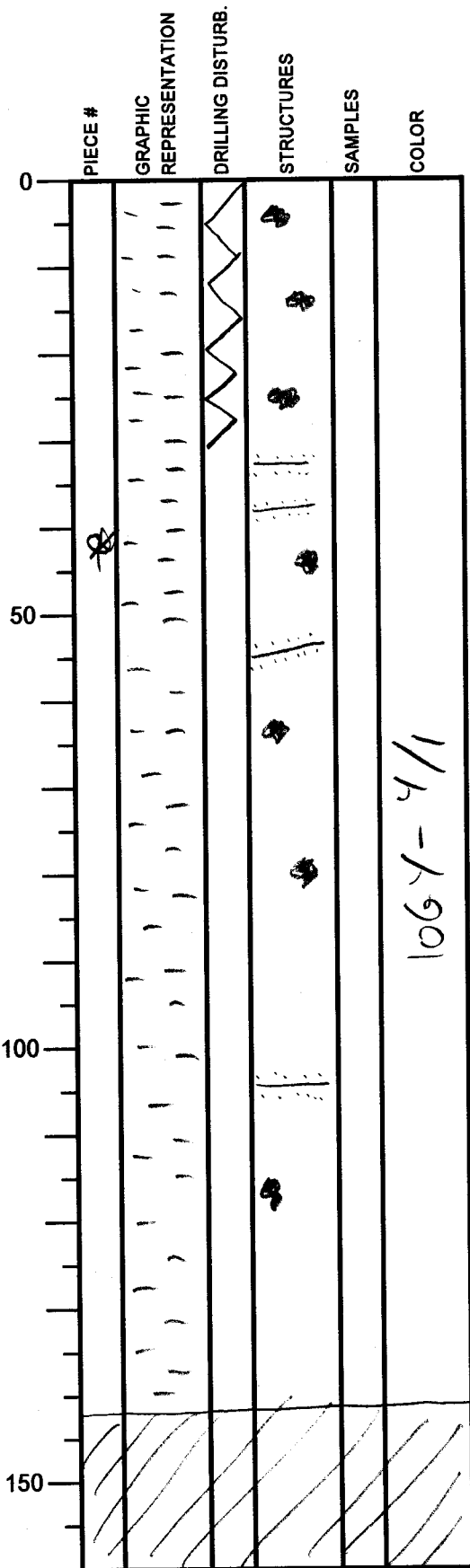
Severely disturbed
 by flow

EOC = 10.5c-

Integrated Ocean Drilling Program

Visual Core Description

NO. 742
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 12H
 SECTION: 1
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: JEL

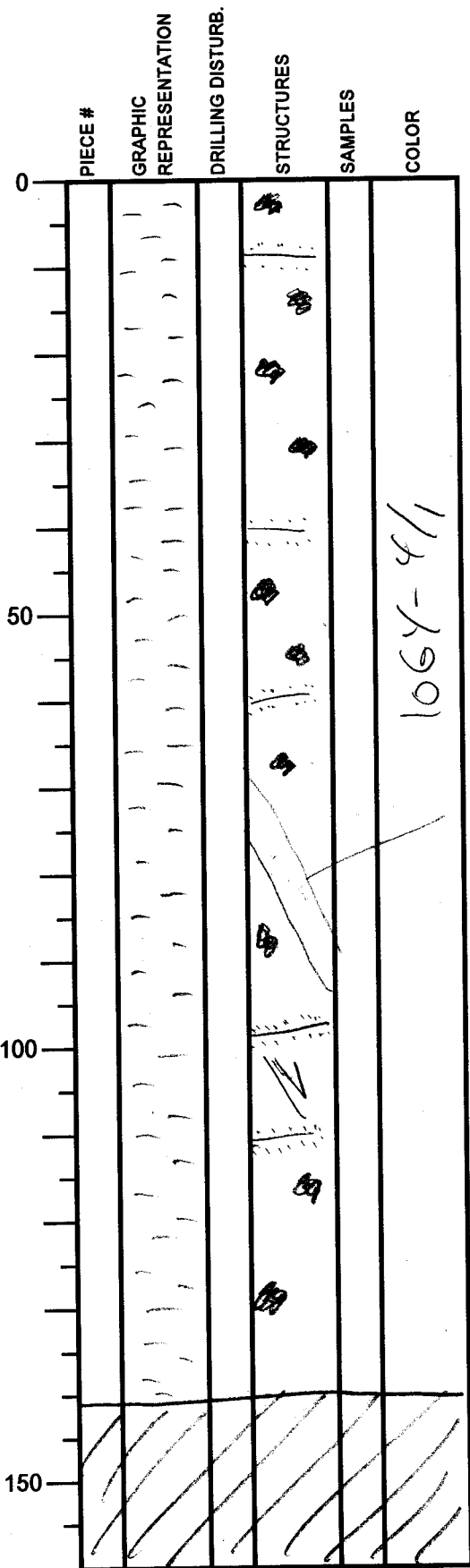
Dark greenish gray clay
 with some green laminae /
 layers and profuse color
 mottling of heavily
 disturbed

Smear slide ab c/a.

EOC = 142.5 m

Integrated Ocean Drilling Program Visual Core Description

NO. 743
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 12 H
 SECTION: 2
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *YAL*

*Same as above -
affected by
faulting*

Fault zone

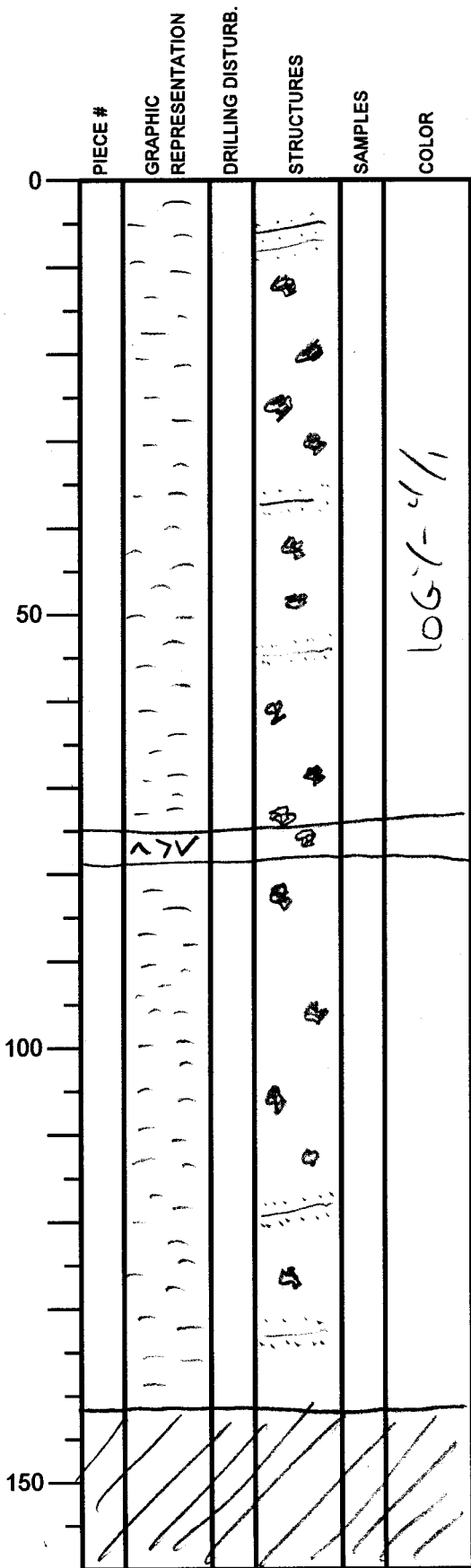
Fault

EOC = 1411a

Integrated Ocean Drilling Program

Visual Core Description

NO. 744
 DATE 11/2/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 12#
 SECTION: 3
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

OBSERVER: *JCL*

Same as above

Black ash layer - biostratigraphically

LOG-1/1

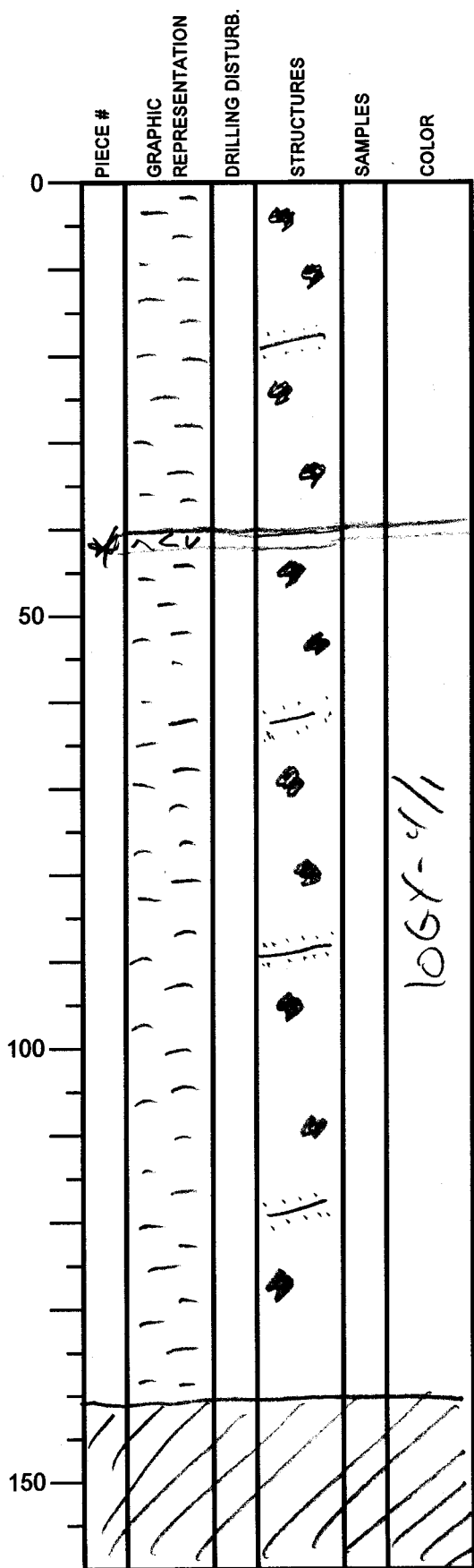
EOC = 141.5 C

Integrated Ocean Drilling Program

Visual Core Description

NO. 745
 DATE: 11/20/00
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 12H
 SECTION: 4
 TOP DEPTH (m CSF):

OBSERVER: JCL



SECTION DESCRIPTION

light gray ash layer

Dark greenish gray clay
 with some green layers
 and profound color
 mottling => heavily
 bioturbated.

* Smear slide at 43cm

EOC=141cm

Integrated Ocean Drilling Program

Visual Core Description

NO. 746
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 12H
 SECTION: 5
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

interlayered
 Silty clay, with
 green and brown
 colored layers.
 Bedding deformed.

OBSERVER: S Gao

SS=25

4/10/94

Integrated Ocean Drilling Program Visual Core Description

NO. 747
DATE: 31/12/2010
EXP.: 333
SITE/HOLE: C0012C
CORE: 12H
SECTION: 6
TOP DEPTH (m CSF):

OBSERVER: S Gao

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

SECTION DESCRIPTION

The same as
12H-06.

Integrated Ocean Drilling Program

Visual Core Description

NO. 748
 DATE: 3/12/2010
 EXP: 333
 SITE/HOLE: C0012C
 CORE: 12H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		 X				4/ 10GY
100						
150						

SECTION DESCRIPTION

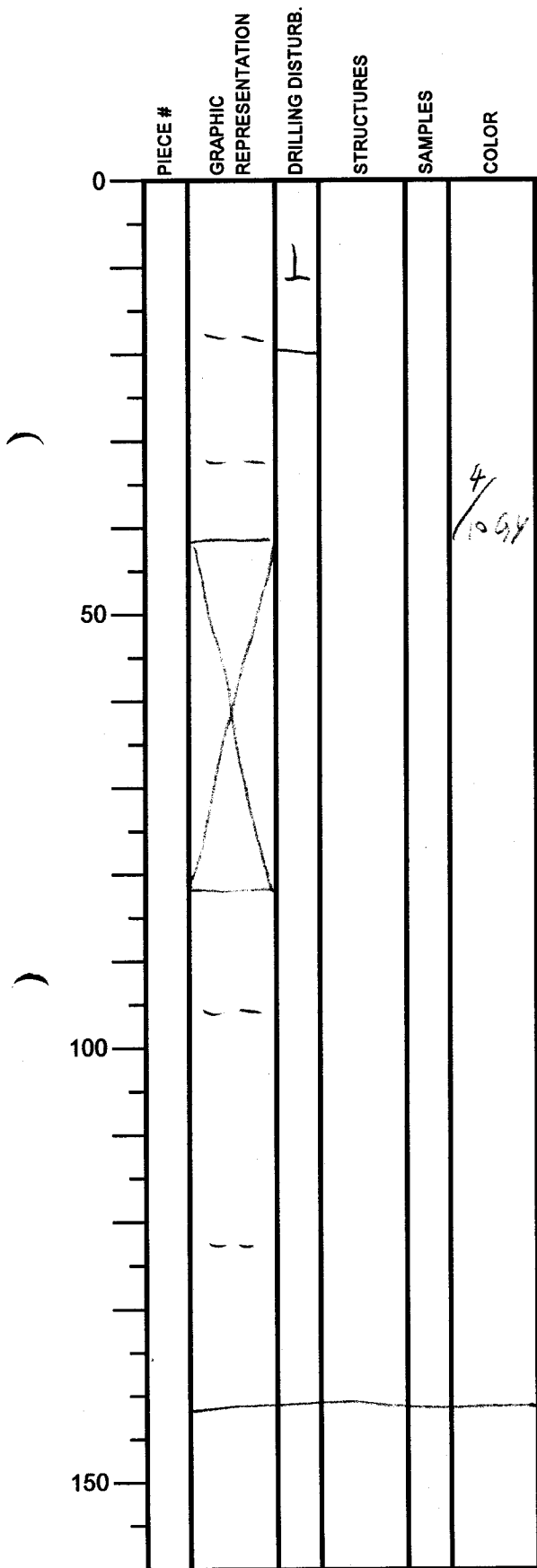
OBSERVER: S Gas

The same as
 12H-06. Below
 34cm the core
 is influenced by
 "Flow in" (?) due
 to drilling.

Integrated Ocean Drilling Program

Visual Core Description

NO. 749
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 13H
 SECTION: 1
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

Silty clay, with deformed layers. Brown and green layers + clasts. Numerous minor faults.

OBSERVER: S Gao

Integrated Ocean Drilling Program Visual Core Description

NO. 750
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 13H
 SECTION: 2
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/1064
100		*		 		
150						

SECTION DESCRIPTION

The same as
13H-01.

- SS (89 cm)

OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 751
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: 0002C
 CORE: 13H
 SECTION: 3
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/ 1064
100						
150						

SECTION DESCRIPTION

The same as
 13H-01

OBSERVER: SGao

Integrated Ocean Drilling Program Visual Core Description

NO. 752
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: 0002C
 CORE: 13H
 SECTION: 5
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4/1094
100		/ \		/ \		
150						

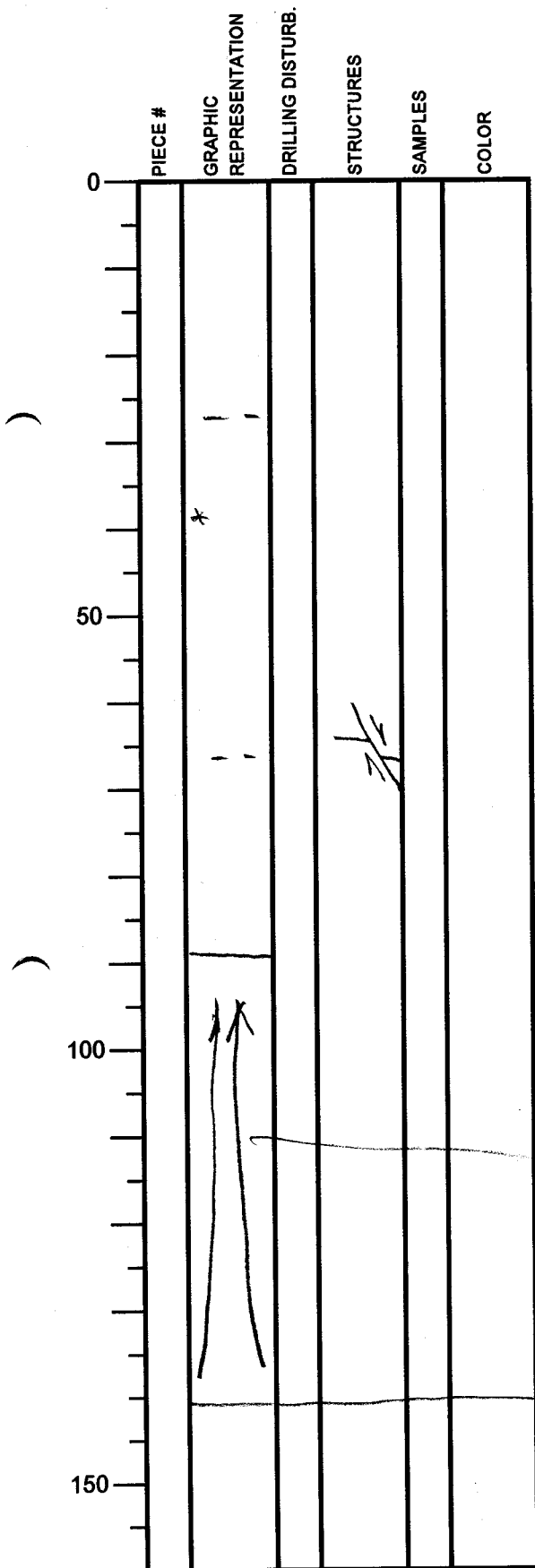
SECTION DESCRIPTION

The same as
13H-01.

Integrated Ocean Drilling Program Visual Core Description

NO. 753
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 13H
 SECTION: 6
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

The same as
 13H-01.

Below 88 cm,
 -SS (39cm) there is "flow in"
 structure due to
 drilling.

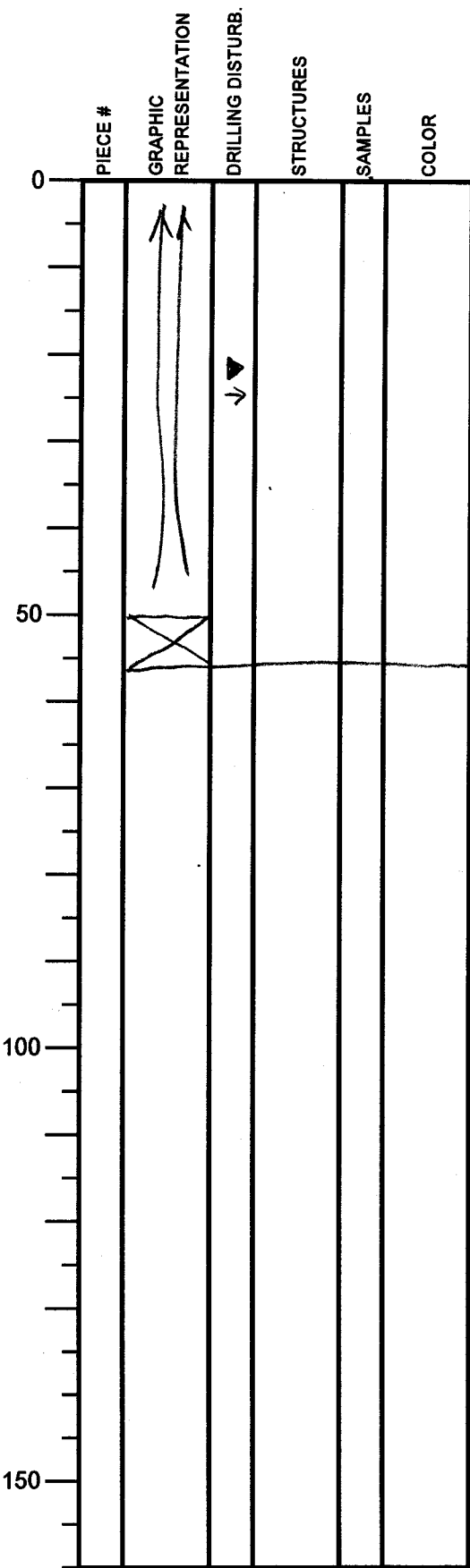
Layer displaced by
 2.5 cm due to faulting
 at 65-67 cm.

Flow in

Integrated Ocean Drilling Program

Visual Core Description

NO. 754
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 13H
 SECTION: CC-AA
 TOP DEPTH (m CSF):



SECTION DESCRIPTION

Silty clay,
 disturbed by
 "flow in".

OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 755
 DATE: 3/17/2010
 EXP.: 333
 SITE/HOLE: 0002 C
 CORE: 14H
 SECTION: 1
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4 / 10 g
100						
150						

SECTION DESCRIPTION

Silty clay.

OBSERVER: *S Gao*

Integrated Ocean Drilling Program

Visual Core Description

NO. 756
 DATE: 31/12/2010
 EXP.: 223
 SITE/HOLE: C0012C
 CORE: 14H
 SECTION: 3
 TOP DEPTH (m CSF):

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		- -				4/ 1294
100						
150						

SECTION DESCRIPTION

OBSERVER: SGA

Silty clay, with green/brown bands, and small linear structures (faults). The deformation is no as severe as seen in 13H core.

Integrated Ocean Drilling Program Visual Core Description

NO. 757
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 14H
 SECTION: 4
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4 / 10 Gp
100						
150						

SECTION DESCRIPTION

The same as
 14H-03.

Integrated Ocean Drilling Program Visual Core Description

NO. 758
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 14H
 SECTION: 5
 TOP DEPTH (m CSF):

OBSERVER: S Gao

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

SECTION DESCRIPTION

The same as
14H-03.

4/10AY

- SS (76cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 759
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 14H
 SECTION: 6
 TOP DEPTH (m CSF):

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

SECTION DESCRIPTION

The same as
 14H-03.

OBSERVER: S Gao

4/
 1064

Integrated Ocean Drilling Program

Visual Core Description

NO. 760
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: 00212C
 CORE: 14H
 SECTION: 7
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						
100						4/1064
150						

SECTION DESCRIPTION

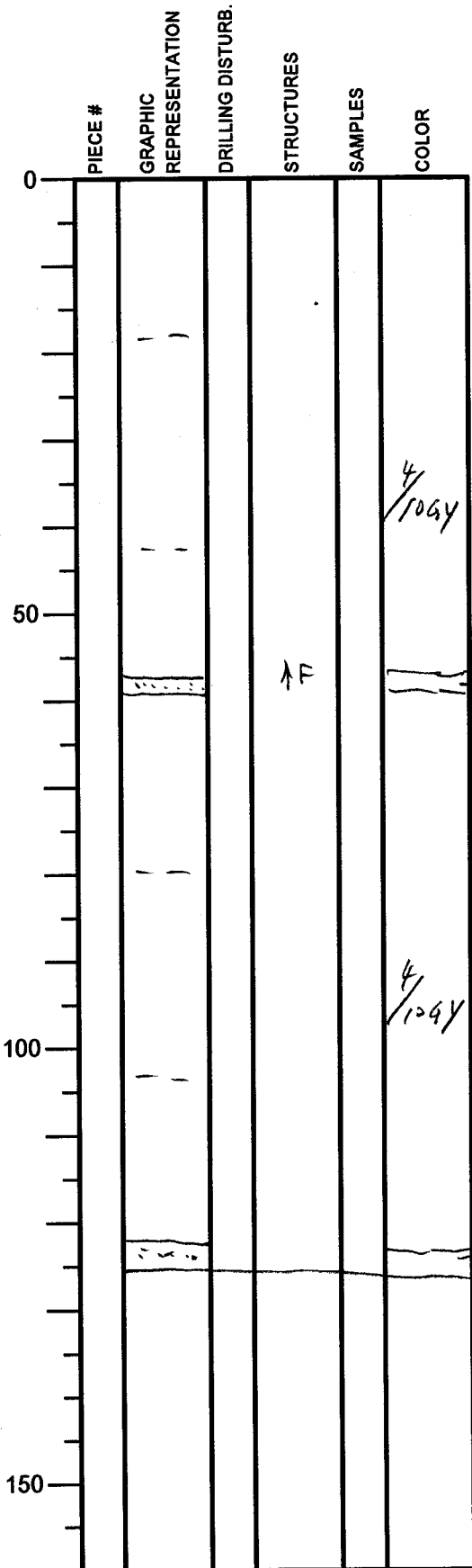
The same as
 14H-03.

Integrated Ocean Drilling Program

Visual Core Description

NO. 761
 DATE: 3/12/200
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 14H
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: SGao



SECTION DESCRIPTION

Silty clay, as
 seen in previous
 sections, but
 two sandy ash
 layers occur at
 57-58.5 cm and
 122-125 cm.

— SS (57.5 cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 762
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 14H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0	*				5/ 10GY
					4/ 10GY
50		▲			5/ 10GY
100					
150					

SECTION DESCRIPTION

Silty ash, without
 apparent fining upward
 trend

-SS
 (17cm)

Silty clay

Sandy ash,
 heavily disturbed
 during drilling.

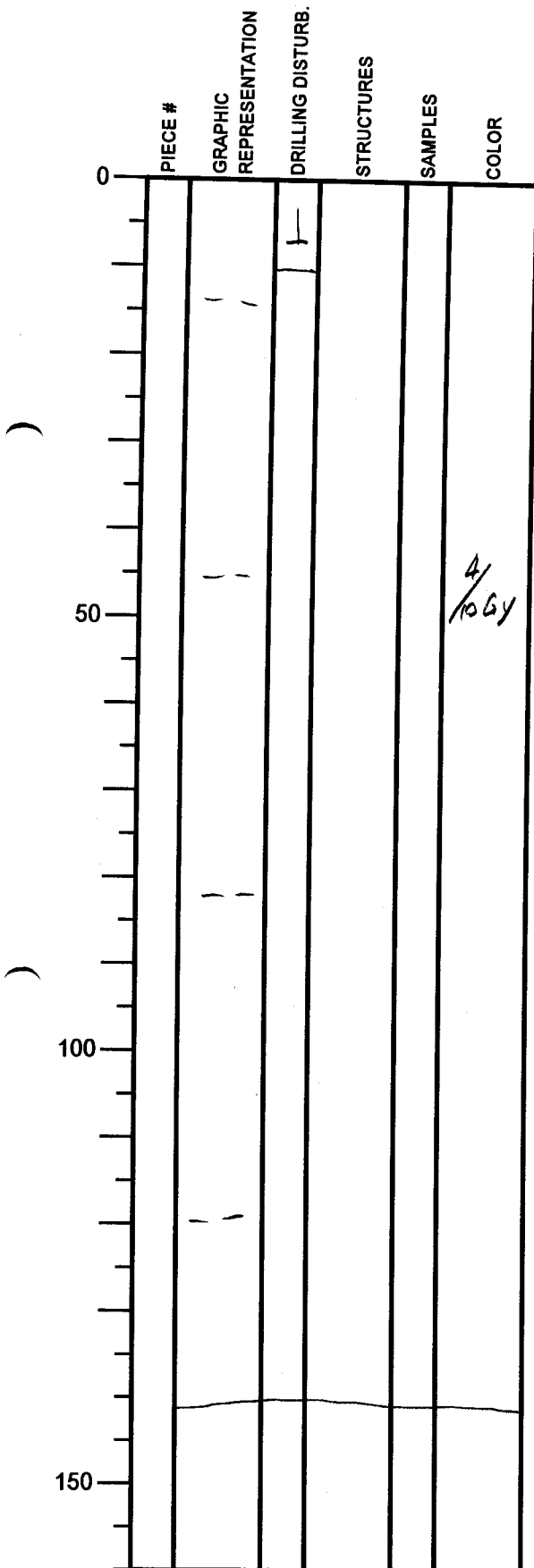
OBSERVER: S Gao

Integrated Ocean Drilling Program

Visual Core Description

NO. 763
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: 1
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

Silty clay with
 green and brown
 layers/patches.
 Deformations/faults
 are present.

Integrated Ocean Drilling Program Visual Core Description

NO. 764
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: 2
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						4 /10gy
100						
150		X				

SECTION DESCRIPTION

The same as
 15H-01.

Integrated Ocean Drilling Program Visual Core Description

NO. 765
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: 3
 TOP DEPTH (m CSF):

OBSERVER: S Gao

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

SECTION DESCRIPTION

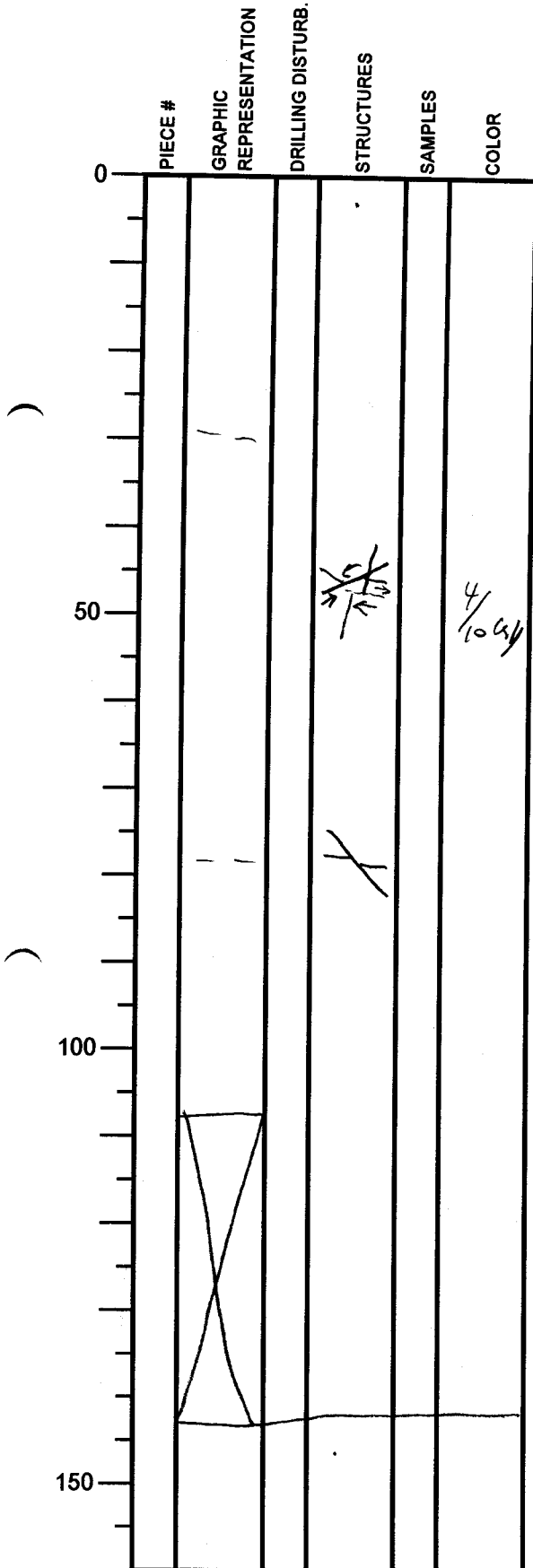
The same as
15H-01.

4/1064

Integrated Ocean Drilling Program Visual Core Description

NO. 766
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: 5
 TOP DEPTH (m CSF):

OBSERVER: S Gao



SECTION DESCRIPTION

The same as
15H-01.

Integrated Ocean Drilling Program Visual Core Description

NO. 767
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: 6
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50		 				
100		* 			3/106Y 5/106Y	
150						

SECTION DESCRIPTION

The same as 15H-01, until 84cm, where there are two layers of silty clay, 10cm each, with darker and lighter colors than the background, respectively.

- SS (97cm)

Integrated Ocean Drilling Program

Visual Core Description

NO. 768
 DATE: 31/12/2010
 EXP.: 333
 SITE/HOLE: C0012 C
 CORE: 15H
 SECTION: 7
 TOP DEPTH (m CSF):

OBSERVER: S Gao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0						
50						
100					4 / 1064	
150						

SECTION DESCRIPTION

The same as
 15H-D1.

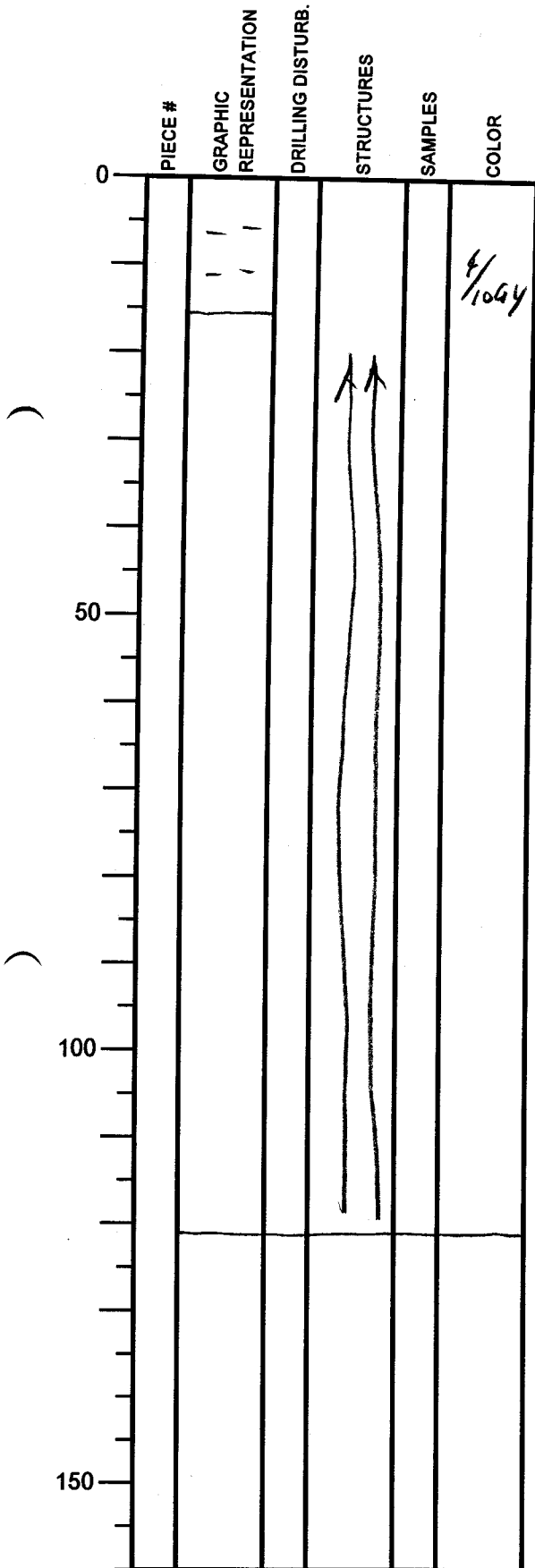
 Deformation
 features at
 30-50 cm and
 80-96 cm.

Integrated Ocean Drilling Program

Visual Core Description

NO. 769
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: 8
 TOP DEPTH (m CSF):

OBSERVER: S GAO



SECTION DESCRIPTION

Silty clay.

Below 16cm,
 the core is occupied
 by "flowin" structure
 due to drilling.

Integrated Ocean Drilling Program Visual Core Description

NO. 770
 DATE: 3/12/2010
 EXP.: 333
 SITE/HOLE: C0012C
 CORE: 15H
 SECTION: CC-AA
 TOP DEPTH (m CSF):

OBSERVER: SGao

	PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		 		↑ ↑		4 10 Gy
50		X				
100						
150						

SECTION DESCRIPTION

silty clay.
 Disturbed by
 "flow in".