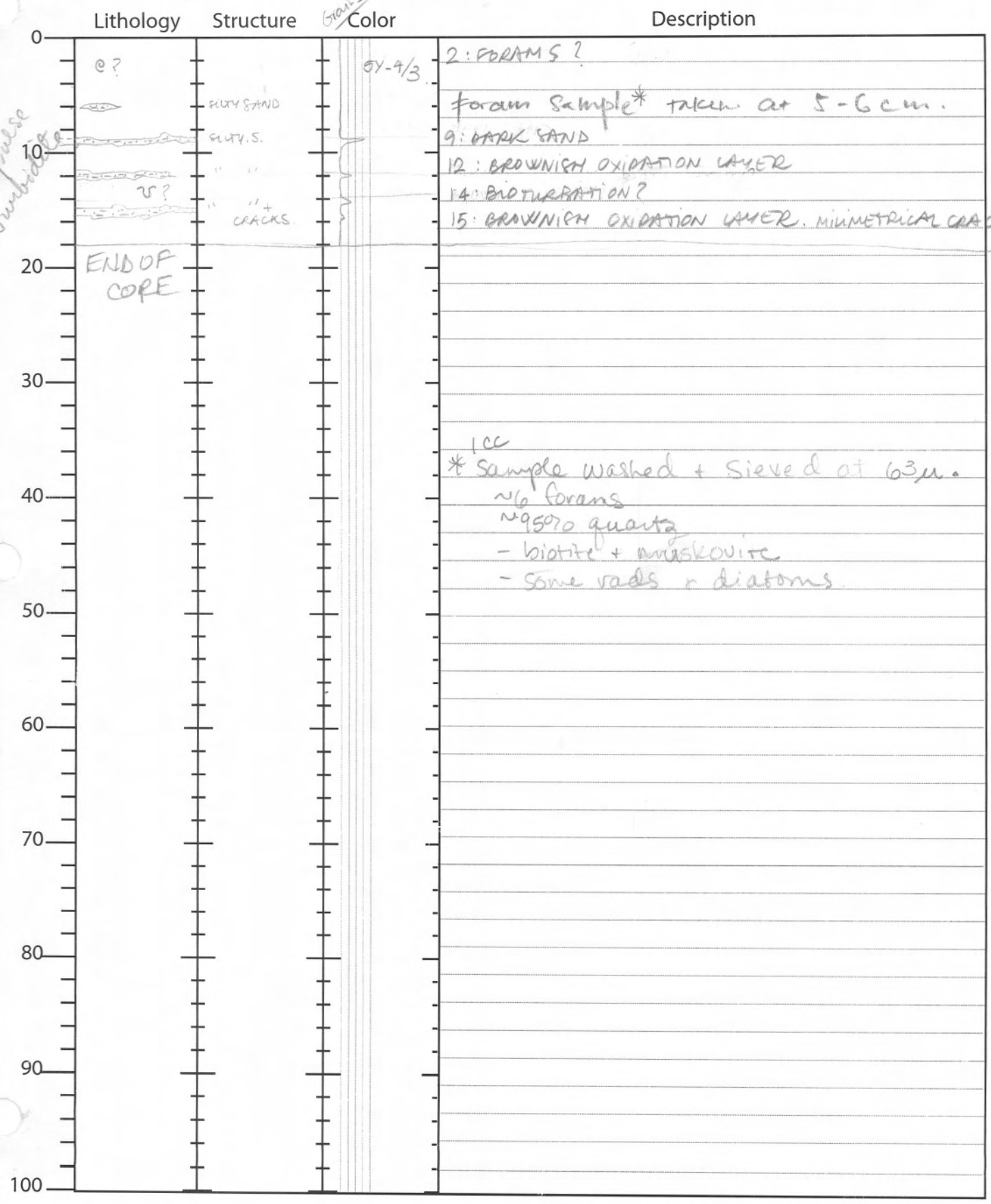
CORE LOG Hole 1 Core No. RR0705-015C Section No. 1 Sheet 1 of 1 of the section

Depth at top 0 cm, at bottom 18 cm, Total length of the section 18 cm

Date 09/05/07 Described by ZORAIDA Archive / Working Half

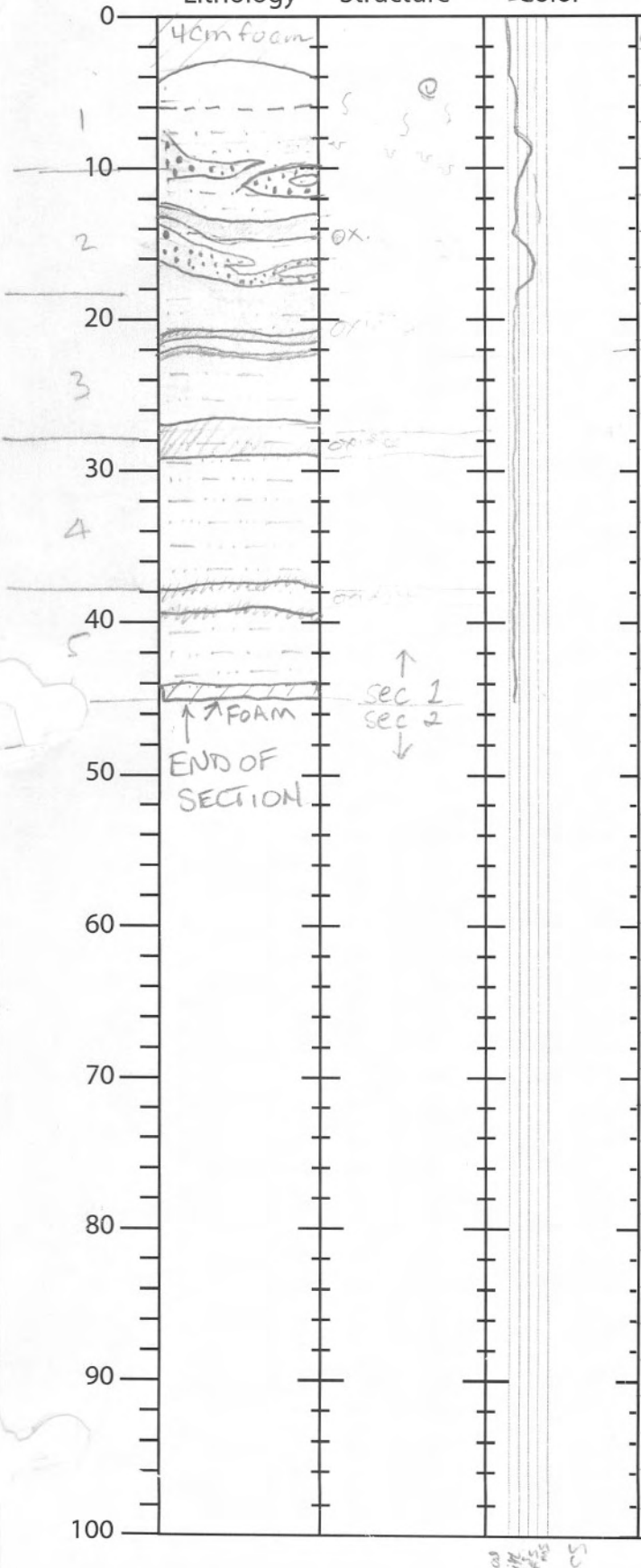


RR0705-03TC

CORE LOG Hole 3 Core No. ____ Section No. 1 Sheet 1 of 3 of the section

Depth at top 0 cm, at bottom 45.5 cm, Total length of the section 45.5 cm

Date 10/05/07 Described by Sapta / Ann Archive / Working Half



Description

0-4: foam foram? at ~5cm.
4-6cm = olive-gray mud
6-9.5cm - " " silty mud > gradual transition.
9.5-11.5cm - turbidite sand (fine to very fine)
11.5-12.5cm - silty mud
12.5-14.5cm - oxidation layer
14.5-16cm - silty mud
16-17.5cm - fine sand turbidite
17.5-21cm — oxidation layers and at 22cm
22-27cm - silty mud
27-29cm - oxidation/brown (2?)

29-45.5cm - silty mud with 2 brown oxidation layers, one at 37.5cm the other at ~39cm.

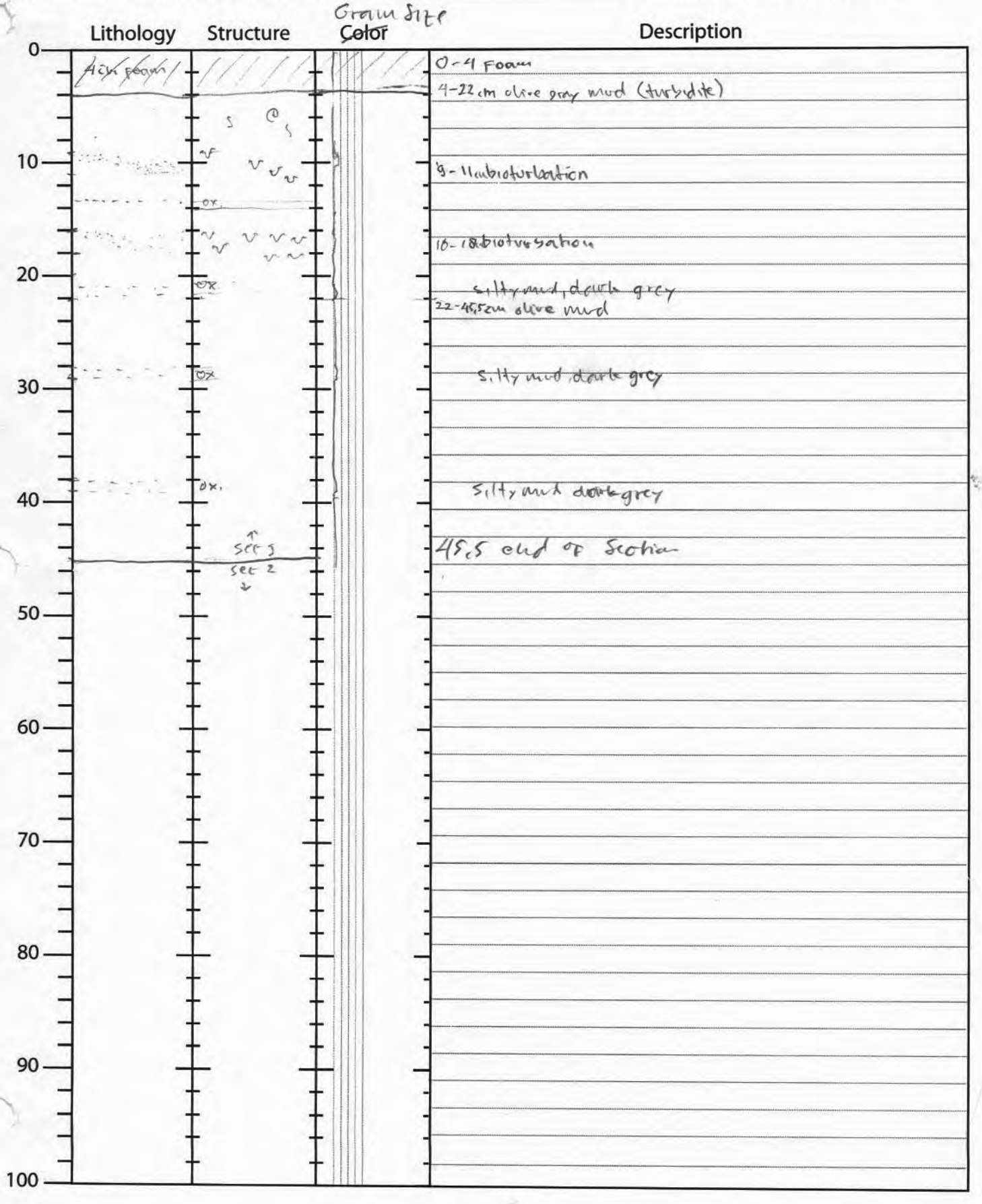
45.5cm end of sec. 1

RR0705_03TC

CORE LOG Hole 3 Core No. ____ Section No. 1 Sheet 1 of 1 of the section

Depth at top 0 cm, at bottom 45.5 cm, Total length of the section 45.5 cm

Date 0 / 05 / 07 Described by Yuda Archive / Working Half

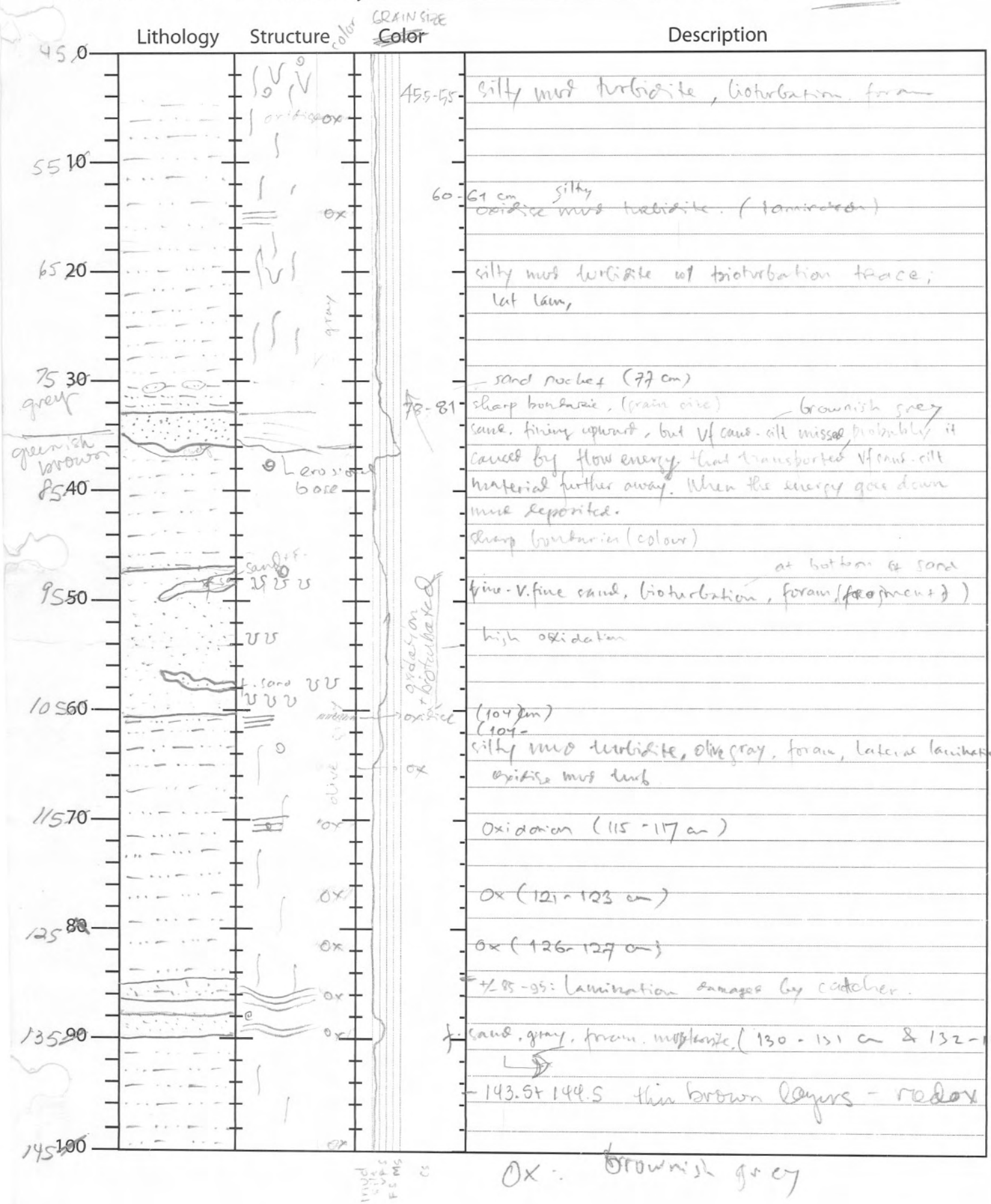


RR0705-03TC

CORE LOG Hole 3 Core No. _____ Section No. 2 Sheet 1 of 3 of the section

Depth at top 45.5 cm, at bottom 145.5 cm, Total length of the section 100 cm

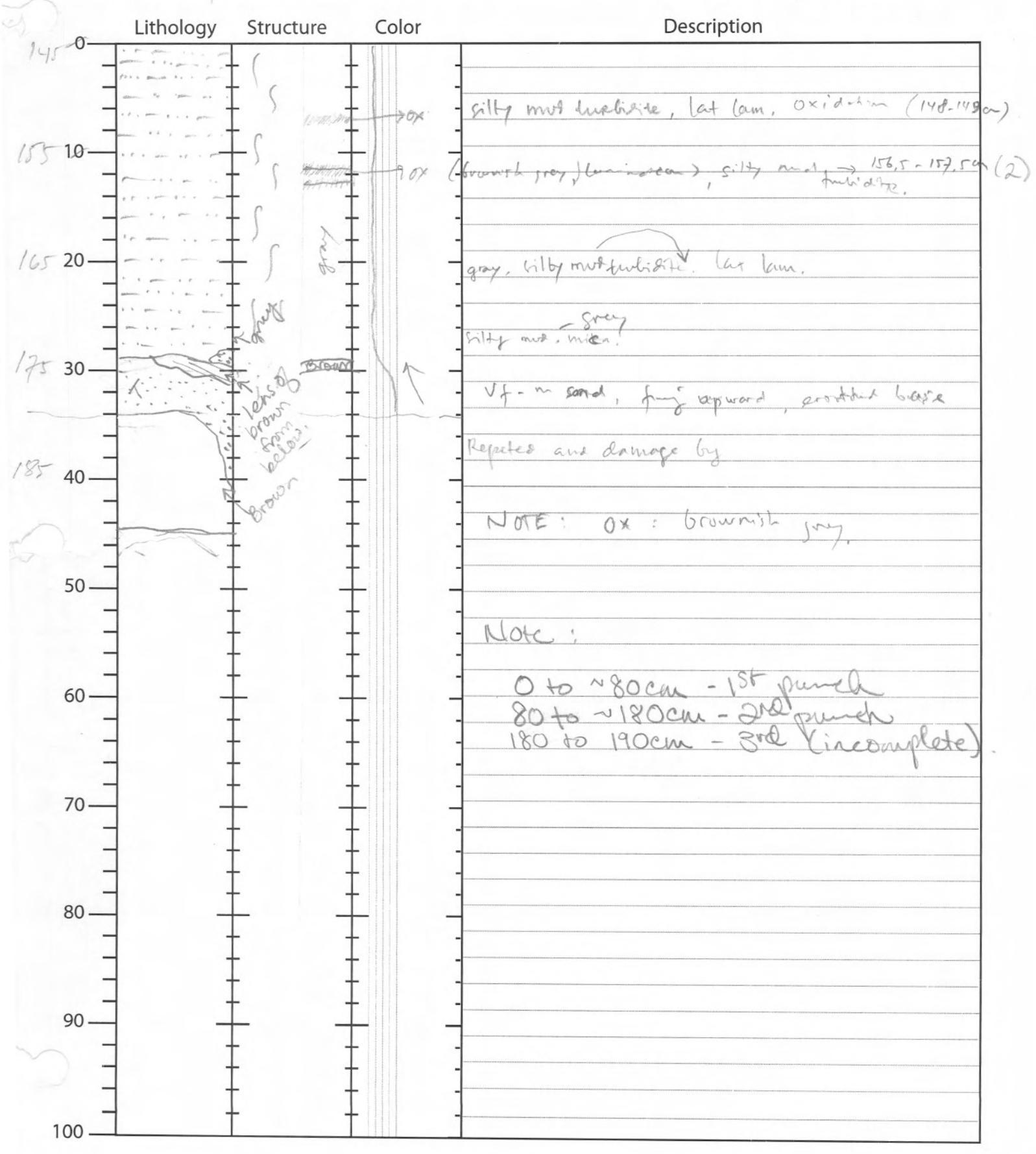
Date 10 /05/07 Described by SAPTA Archive / Working Half



CORE LOG Hole 3 Core No. RR0705-03TC Section No. 2 Sheet 1 of 3 of the section

Depth at top 145.5 cm, at bottom 195.5 cm, Total length of the section 50 cm

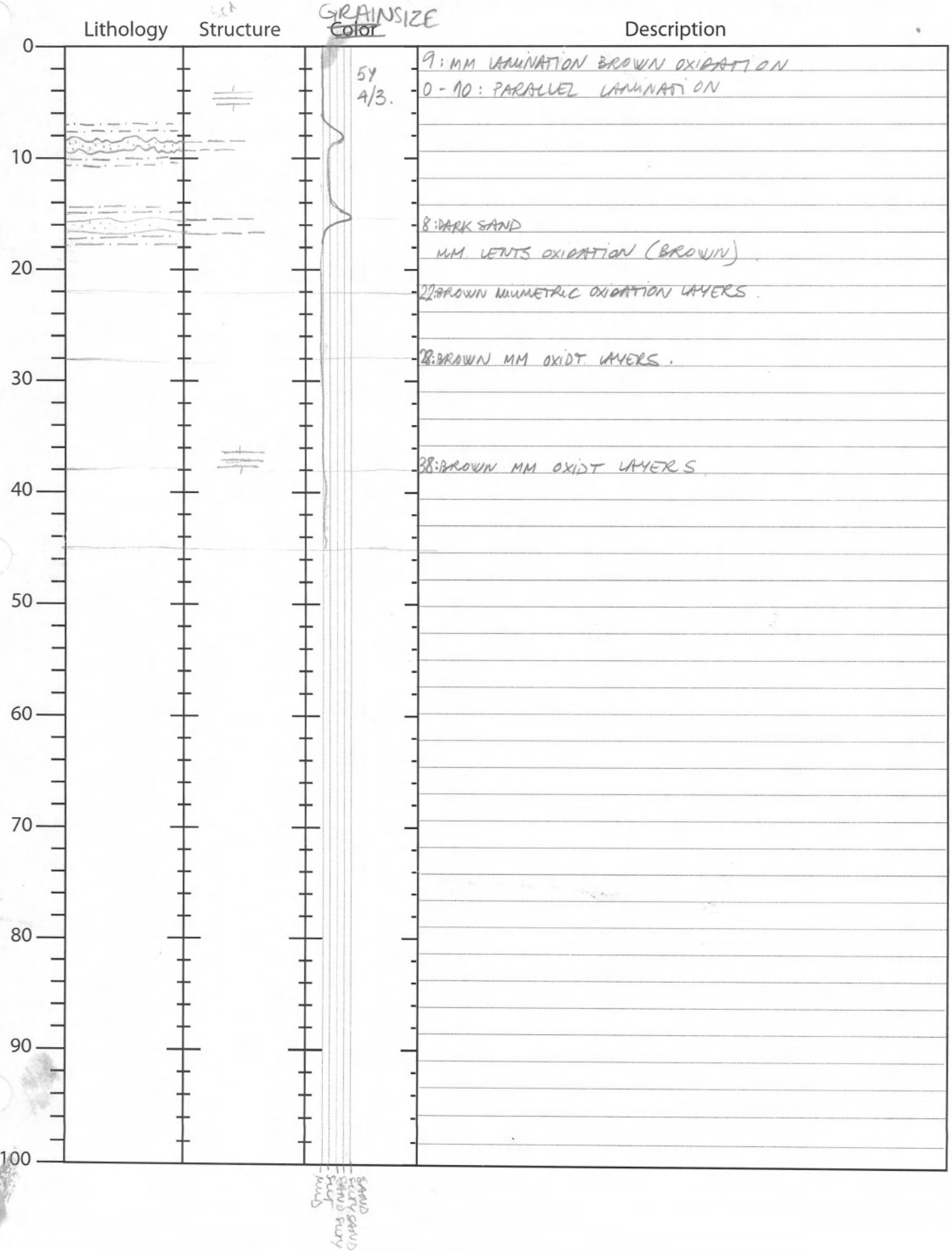
Date 10 / 05 / 07 Described by SAPTA Archive / Working Half



CORE LOG Hole 2 Core No. RR0705-03 TG Section No. 1 Sheet 1 of 1 of the section

Depth at top 0 cm, at bottom 45'5 cm, Total length of the section 45'5 CM cm

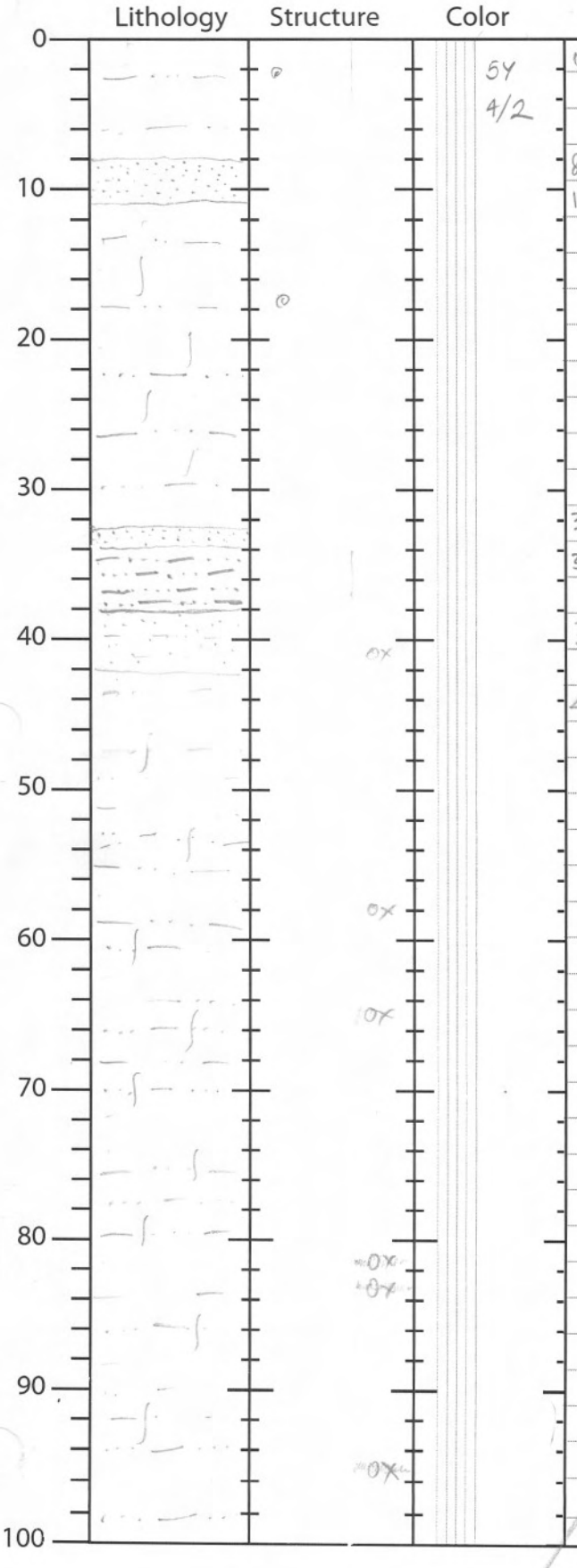
Date 09/05/07 Described by ZORAIDA/SAPKA Archive / Working Half



CORE LOG Hole 3 Core No. RR0705-03PC Section No. 1 Sheet 1 of 4 of the section

Depth at top 0 cm, at bottom 150 cm, Total length of the section _____ cm

Date 10 / 05 / 07 Described by SAPTA Archive / Working Half



Description

0 - 8 cm ; silty mud . olive brown,

8 - 11 cm ; med sand - fine sand, muddy, brown,

11 - 33 cm ; silty mud , olive brown, muscovite present? foram

33 - 34 ; f - vf sand, muddy, muscovite present? foram

34 - 38 cm ; muddy silt,

38 - 42 cm · f - vf sand, muddy, oxidize

42 - 100 cm ; silty mud turbidite, dk brownish gray, muscovite? present Gt.

note : most of the edge of core sample consist of sand. It is probably caused by water pressure through the core.

RR0705-03 PG

CORE LOG Hole 3 Core No. ____ Section No. 1 Sheet 2 of 4 of the section

Depth at top 0 cm, at bottom 130 cm, Total length of the section 130 cm

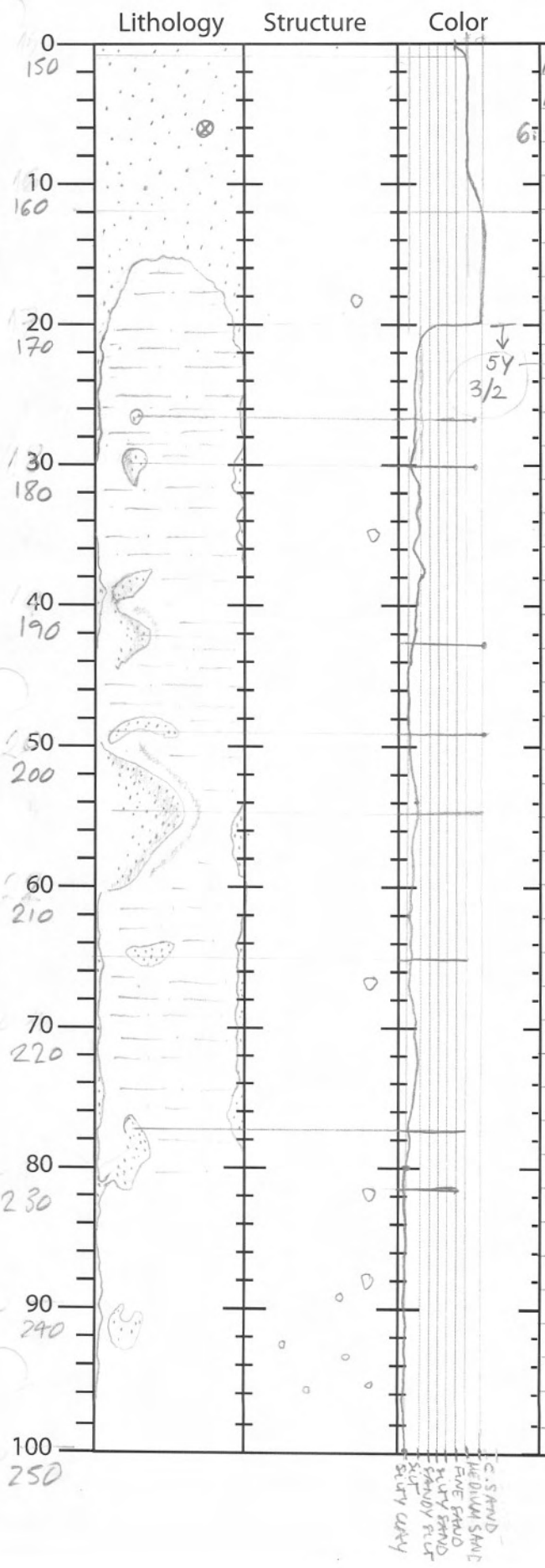
Date 10/05/07 Described by ZORAIDA Archive / Working Half

RR0705-03 PC

CORE LOG Hole 3 Core No. ____ Section No. 2 Sheet 3 of 4 of the section

Depth at top 150 cm, at bottom 273'5 cm, Total length of the section 123'5 cm

Date 10 / 05/07 Described by ZORAIDA Archive / Working Half



Description

AND THE SAND BALLS MAYBE?

ANNOTATION; MAYBE THE BOUNDARIES BETWEEN THE SANDS AND THE MUD ARE CAUSED BY THE PISTON FRICTION.

⊗ FORAMS. (RR0705-03 PC).

SOFT WHITISH SHAPE *

→ CLAY / SILTY-CLAY

26 → END · SANDY BALLS MAYBE RESULT OF THE PISTON CORE SAND LAYERING DESTRUCTION

BROWNISH OXIDATION ON THE SAND BALL (30 CM)

SOFT WHITISH SHAPE — CRACK — (35 CM)

BROWNISH OXIDATION ON THE SAND BALL (40 CM)

BROWNISH OXIDATION ON THE SAND BALL (50 - 60 CM) AND BROWN LAYERING AROUND OF THE BALL SAND

SOFT WHITISH SHAPE * (77 CM)

SOFT WHITISH SHAPE * (82 CM)

SOFT WHITISH SHAPE * (98 - 100 CM)

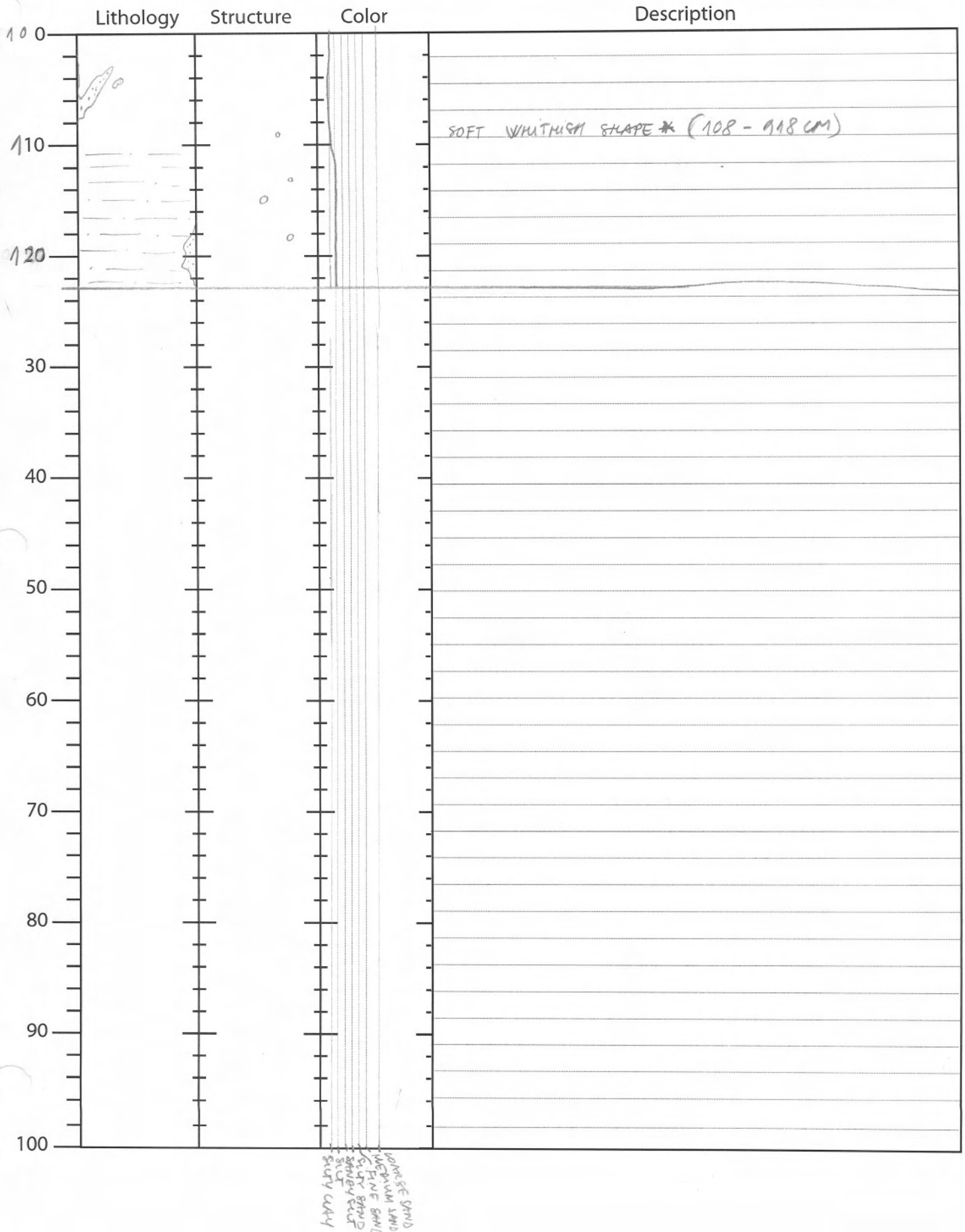
* INTO A SILTY MUD / MUD MATRIX.

RR0705-03 PG'

CORE LOG Hole_____ Core No._____ Section No. 2 Sheet 4 of 4 of the section

Depth at top 150 cm, at bottom 273'5 cm, Total length of the section 123'5 cm

Date 10 /05/07 Described by ZORAIDA Archive / Working Half

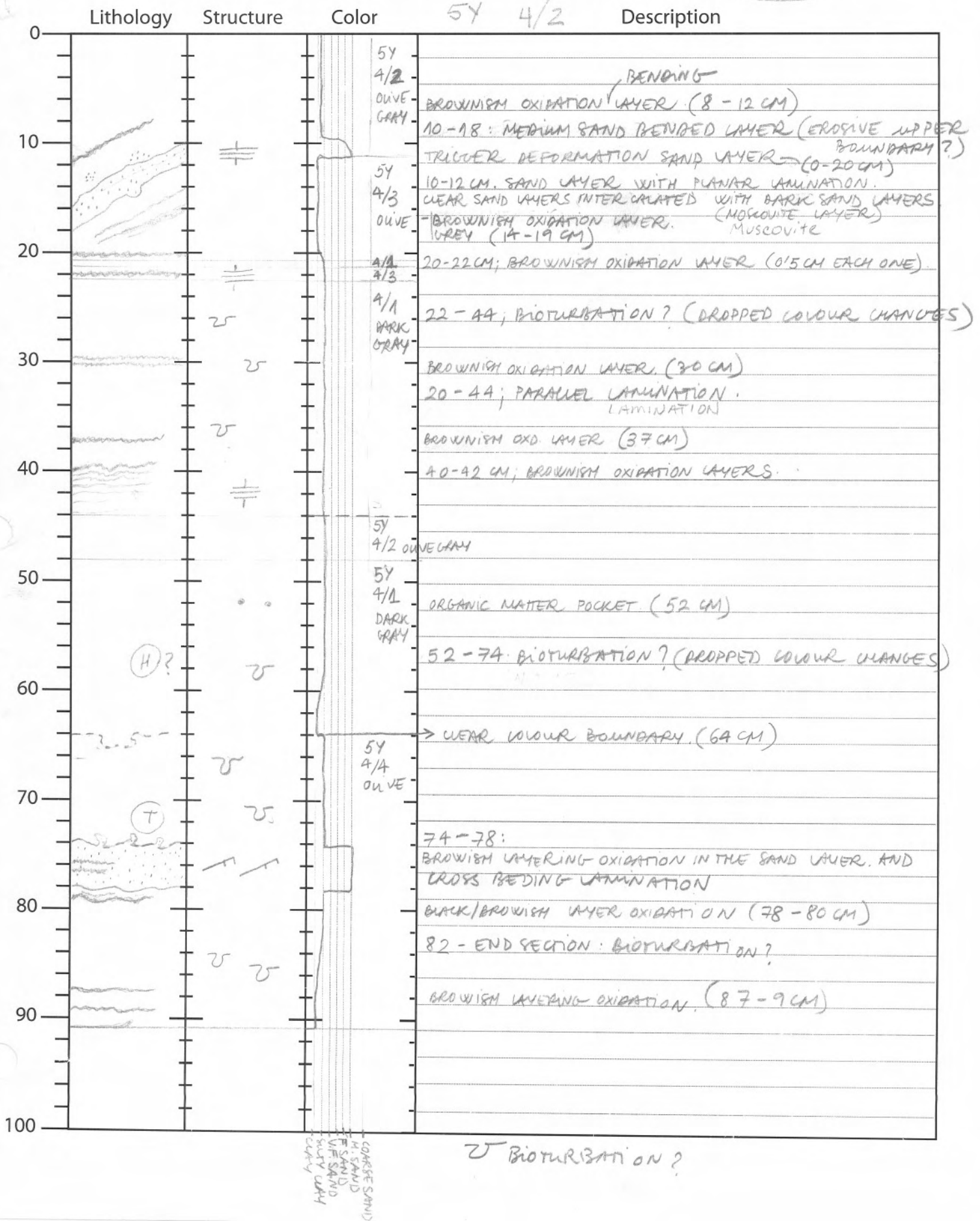


RR0705-05TG

CORE LOG Hole 5 Core No. ____ Section No. 1 Sheet 1 of ____ of the section

Depth at top 0 cm, at bottom 91 cm, Total length of the section 91 cm

Date 10/05/07 Described by ZORAIDA Archive / Working Half

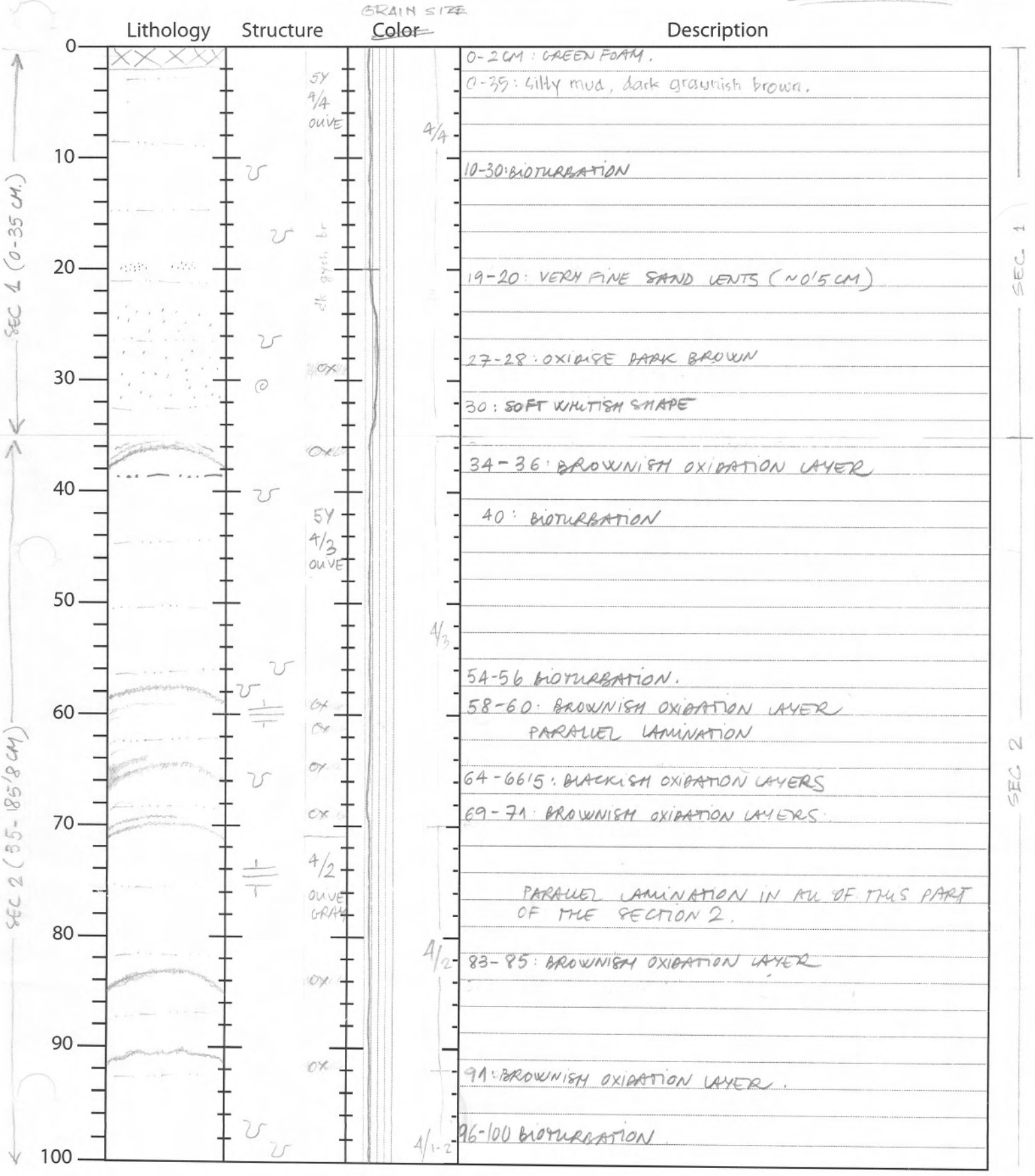


RR0705-05PC

CORE LOG Hole 5 Core No. ____ Section No. 1/2 Sheet 1 of 4 of the section

Depth at top 0 cm, at bottom 100 cm, Total length of the section SEC 1 (35) SEC 2 (150'5) cm

Date 11 / 05 / 07 Described by SAPTA / ZORAIDA Archive / Working Half

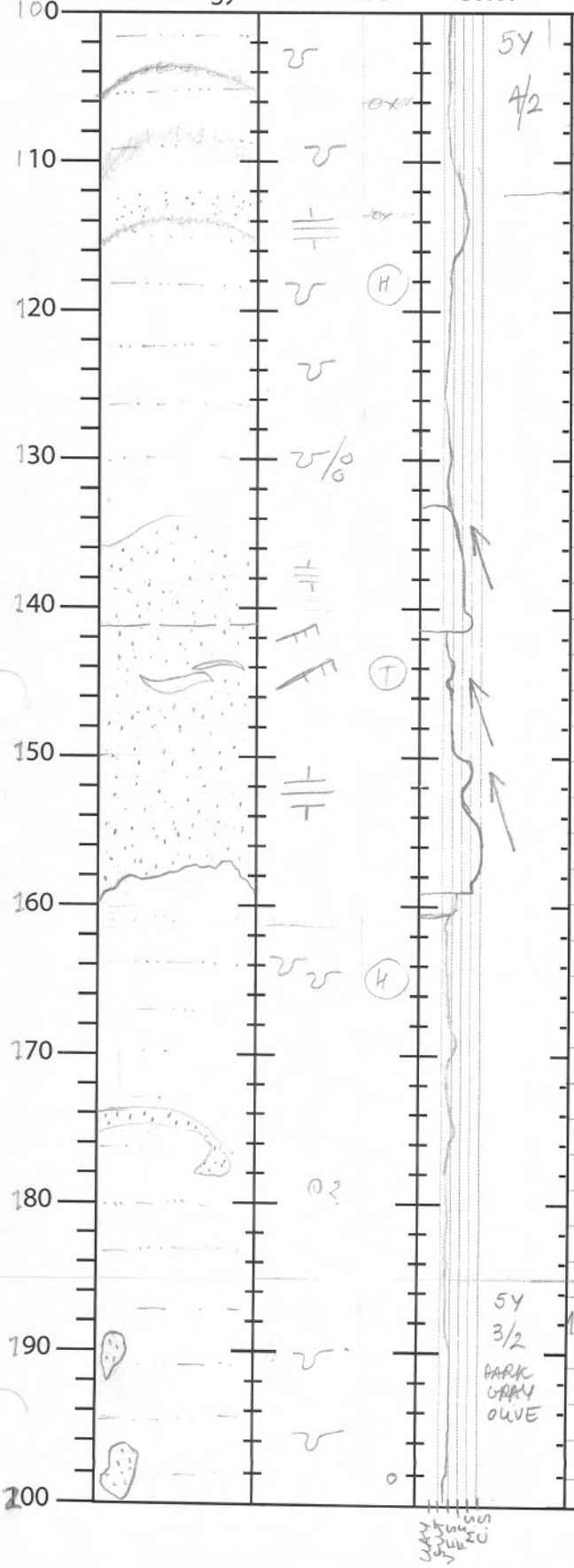


RRD705-05PC

CORE LOG Hole 5 Core No. _____ Section No. 2/3 Sheet 2 of 4 of the section

Depth at top 100 cm, at bottom 200 cm, Total length of the section SEC 2(150'5) SEC 3(122'5) cm

Date 11 / 05 / 07 Described by SAPTA / ZORAIDA Archive / Working Half



Description

100-118: LAMINATED ESTRATIFICATION

104-106: BROWNISH OXIDATION LAYERS

108-112: LIGHT BROWNISH OXIDATION LAYER

100-126: BIOTURBATION.

112-115: fine sand silt mix

114-116: BROWNISH OXIDATION LAYERS

130: BIOTURBATION OR MUD PEBBLES WITH A DIFFERENT GREEN OLIVE COLOUR THAT THE MATRIX.

134-141: GRADED / CONVOLUTE LAMINATION.

144-146: CONVOLUTE LAMINATION OR RIPPLES?

150-160: GRADED LAMINATION / PARALLEL LAMINATION
→ COLOUR GRADATION BY WHITE MICAS IN THE UPPER PART AND BLACK MICAS IN THE LOWER PART.

159-160: SHARP BOUNDARY

174: DEFORMATED VERY FINE / FINE SAND LAYER.

IT SEEMS VERY FINE SAND LAYERS DEFORMATED BY THE PISTON FRICTION (?) IN ALL THE SECTION!!

177: BROWNISH OXIDATION BALL (Ø ~ 2 CM)

198: SOFT WHITISH SHAPE,

196-200: VERY FINE SAND LENTS (~ 4 x 2 CM)

BIOTURBATION (IN ALL OF THIS SECTION PART)

SEC 2 (35-185'8 CM)

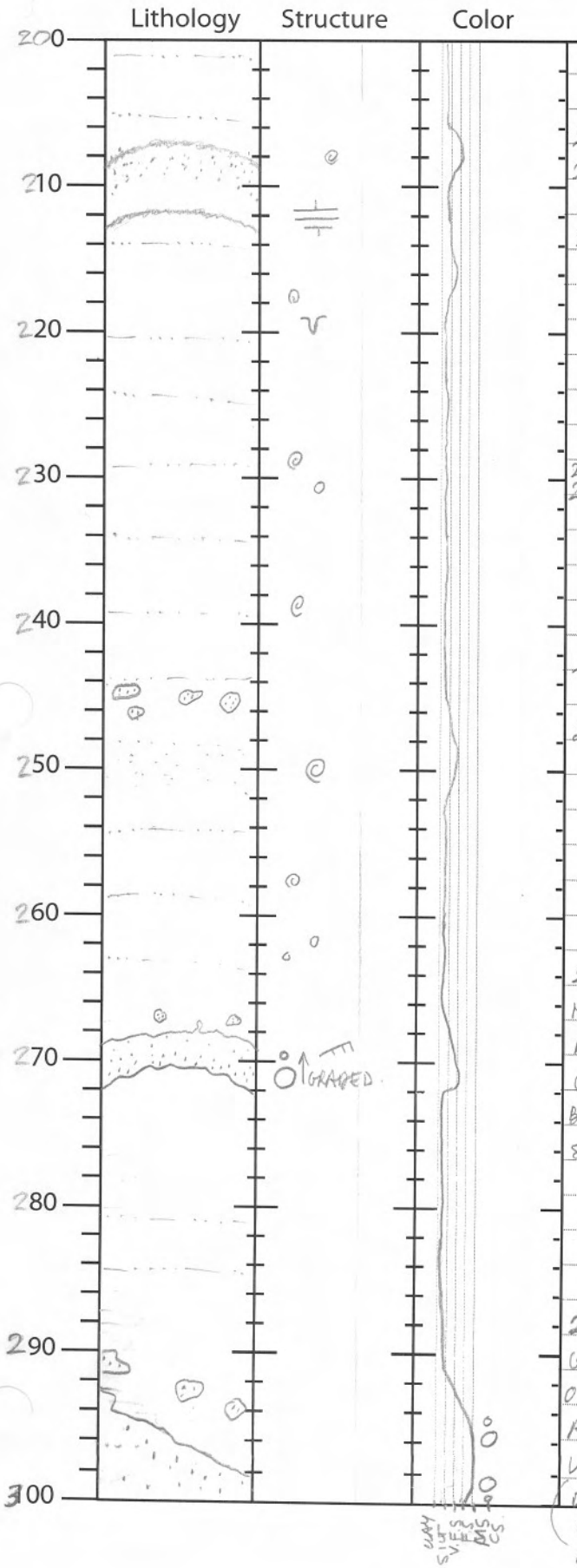
SEC 3 (185'8 - 308 CM)

RR0705-05PC

CORE LOG Hole 5 Core No. _____ Section No. 3 Sheet 3 of 4 of the section

Depth at top 200 cm, at bottom 300 cm, Total length of the section 122'5 cm

Date 11 / 05/07 Described by SAPTA / ZORAIDA. Archive / Working Half



Description

207 - 209: BROWNISH OXIDATION LAYER (~1 CM).

206 - 218: PARALLEL LAMINATION.

208: SOFT WHITISH OXIDATED SHAPE

208 - 211: CURVE LAYER OF FINE SAND. (0'5 CM) BY PISTON CORE

213: BROWNISH OXIDATION LAYER (~2 MM.)

212 - 268: FORAMS. (SOFT WHITISH SHAPES).

231 - 269: BLACK OXIDATED POCKETS (MILIMETRICAL)

244 - 247: ISOLATED POCKETS OF FINE SAND (~1CM.)

248 - 250: LAYER OF SANDY - SILT

YOU CAN SEE BY THE DIFERENCE IN THE LAYER'S COLOUR (BLACK / WHITE SANDS).

270 - 274: CURVE FINE SAND LAYER WITH 3'5 CM HEIGHT. LOWER WEAR EROSIVE BOUNDARY. CROPS BENDING IN THE LOWER SANDS OF THE LAYER. GRANULOMETRAL GRADED LAYER. THE UPPER BOUNDARY (V.F SAND → SILTY CLAY) IS NOT PLANAR, ALSO SEEMS ERODED.

290 - 304: DISCONTINUOS SAND LAYER WITH GRADED GRANULOMETRIC VARIATIONS FROM BOTTOM TO MIDDLE OF LAYER (FROM FINE SANDS TO MEDIUM SANDS) AND FROM MIDDLE TO BOTTOM (MS TO FINE SANDS) LOWER BOUNDARY EROSIVE AND UPPER BOUNDARY DISCONTINUOS WITHOUT A GRAIN GRADATION CLEAR, WITH THE UPPER LAYER MORE OR LESS HORIZONTAL !!

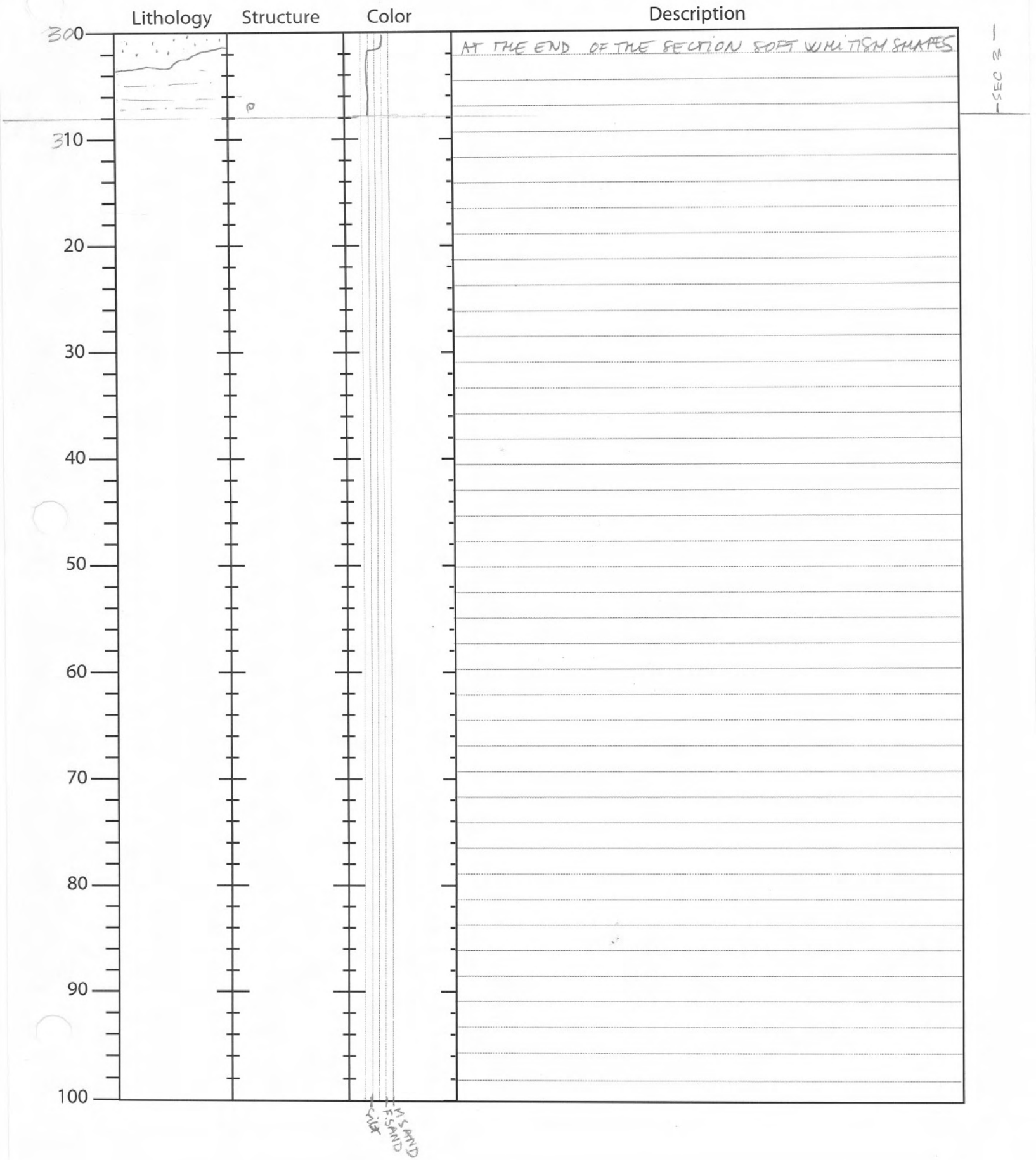
SEC 3 (185'8 - 308 CM)

RR0705-05PC

CORE LOG Hole_____ Core No._____ Section No. 4 Sheet 4 of_____of the section

Depth at top 300 cm, at bottom 308 cm, Total length of the section 308 cm

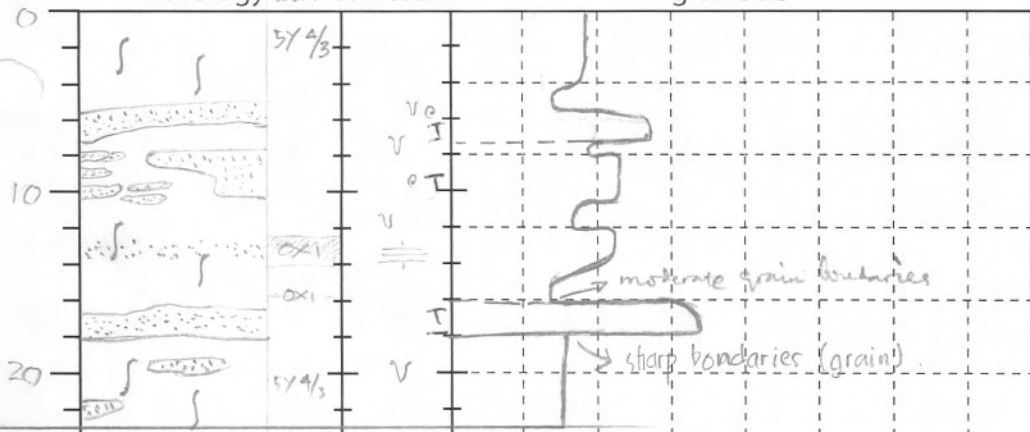
Date 11 / 05/07 Described by SAPTA / ZORAIDA Archive / Working Half



CORE LOG Core No. RR0705-106C Section No. 1 sheet 1 of 1

Date 13 · 05 · 07 Described by CAPTA Archive/Working

lithology color structure grainsize



1-4': muddy silt mixture, olive

4-5.5: silty mud

5.5-6.5: FV sand, bioturbation, mod boundaries (grain)

6.5-16.5 mud-VFS mixture w/ VFS packets

oxidise, VFS, olive brown (2.5Y 4/3)

lat lam, gradation grain boundaries

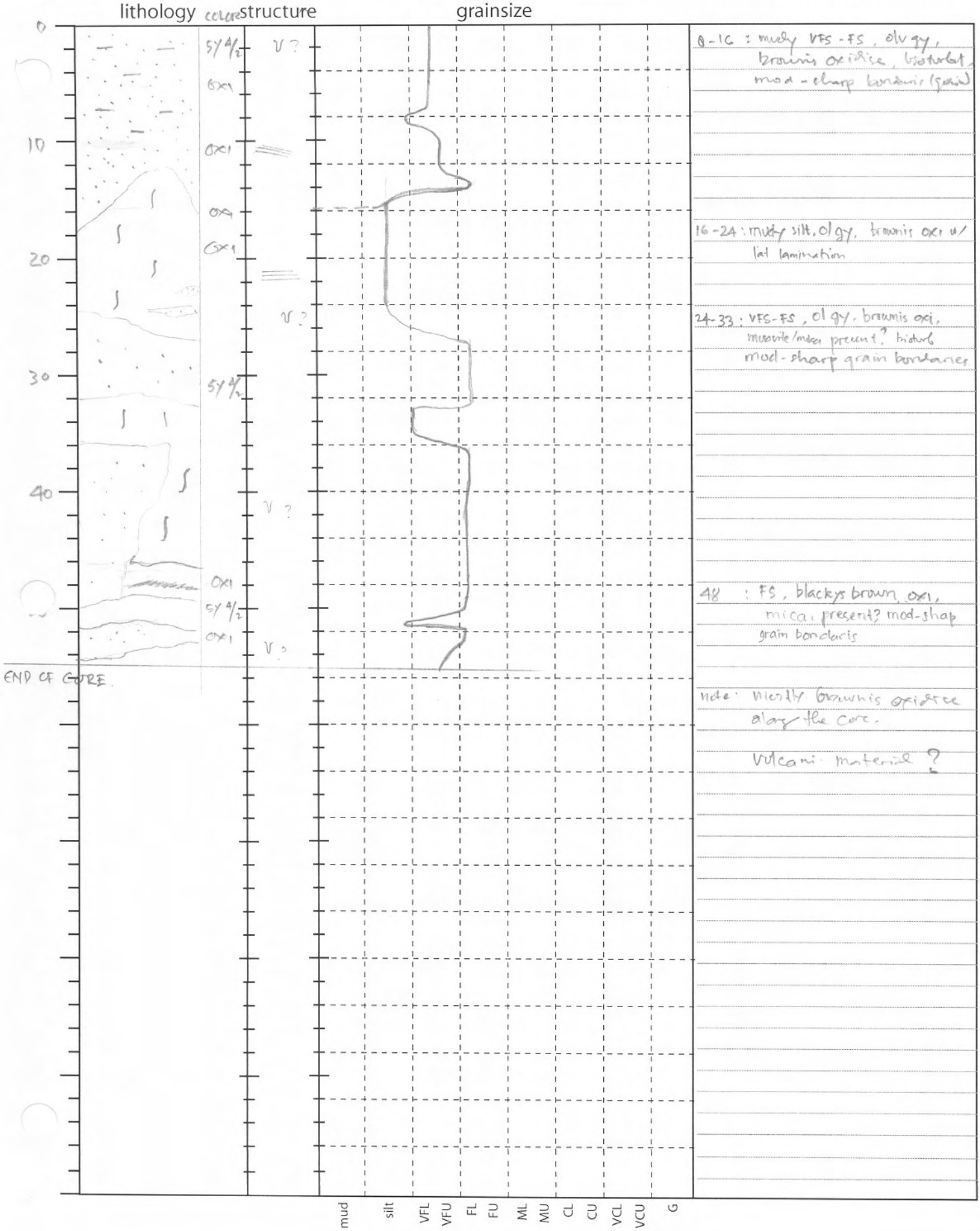
16.5-18: F-VFS,

18-23: mud silt mix, w/ VFS packets

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705 - 12GC Section No. 1 sheet 1 of 1

Date 13 / 05 / 07 Described by SAPTA Archive/Working



0-16 : muddy VFS-FS, olv gy, brownis oxidise, bioturbat, mod-sharp boundaris (grain)

16-24 : muddy silt, olgy, brownis oxi w/ lat lamination

24-33 : VFS-FS, olgy, brownis oxi, muscovite/mica present? bioturb mod-sharp grain boundaries

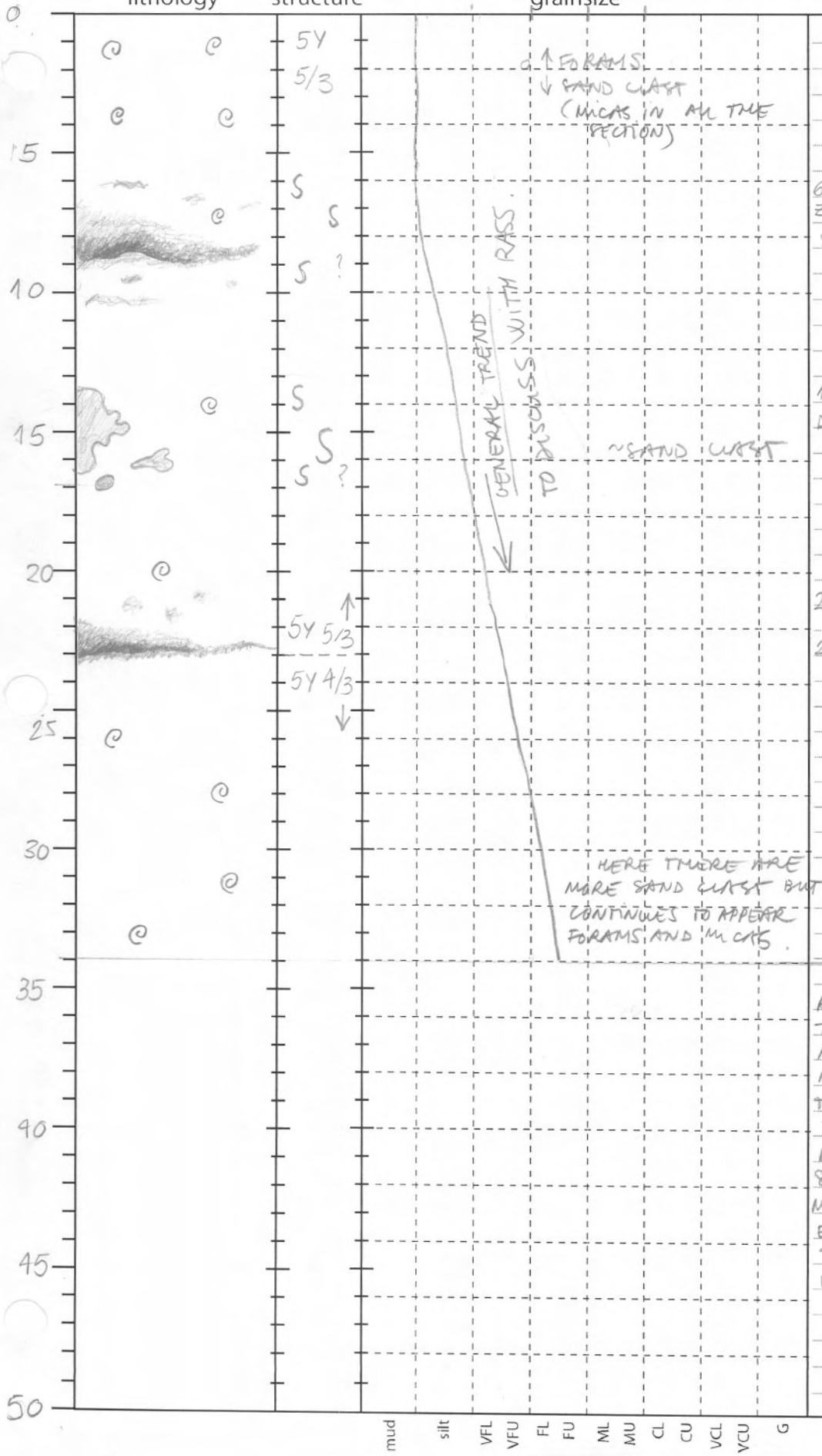
48 : FS, blackys brown, oxi, mica present? mod-shap grain boundaris

note: mostly brownis oxidise along the core.

Vulcani material ?

CORE LOG Core No. RRO705 - 15 GC Section No. 1 sheet 1 of 1

Date 14 MAY 2007 Described by ZORAIDA Archive/Working



6-10 CM: BROWNISH OXIDATION ZONE WITH BIOTURBATION?

8-9 CM: BROWNISH OXIDATION LAYER.

13-17 CM: COLOUR CHANGE DROPPED ZONE (BIOTURBATION?)

23 CM. BROWNISH OXIDATION LAYER.

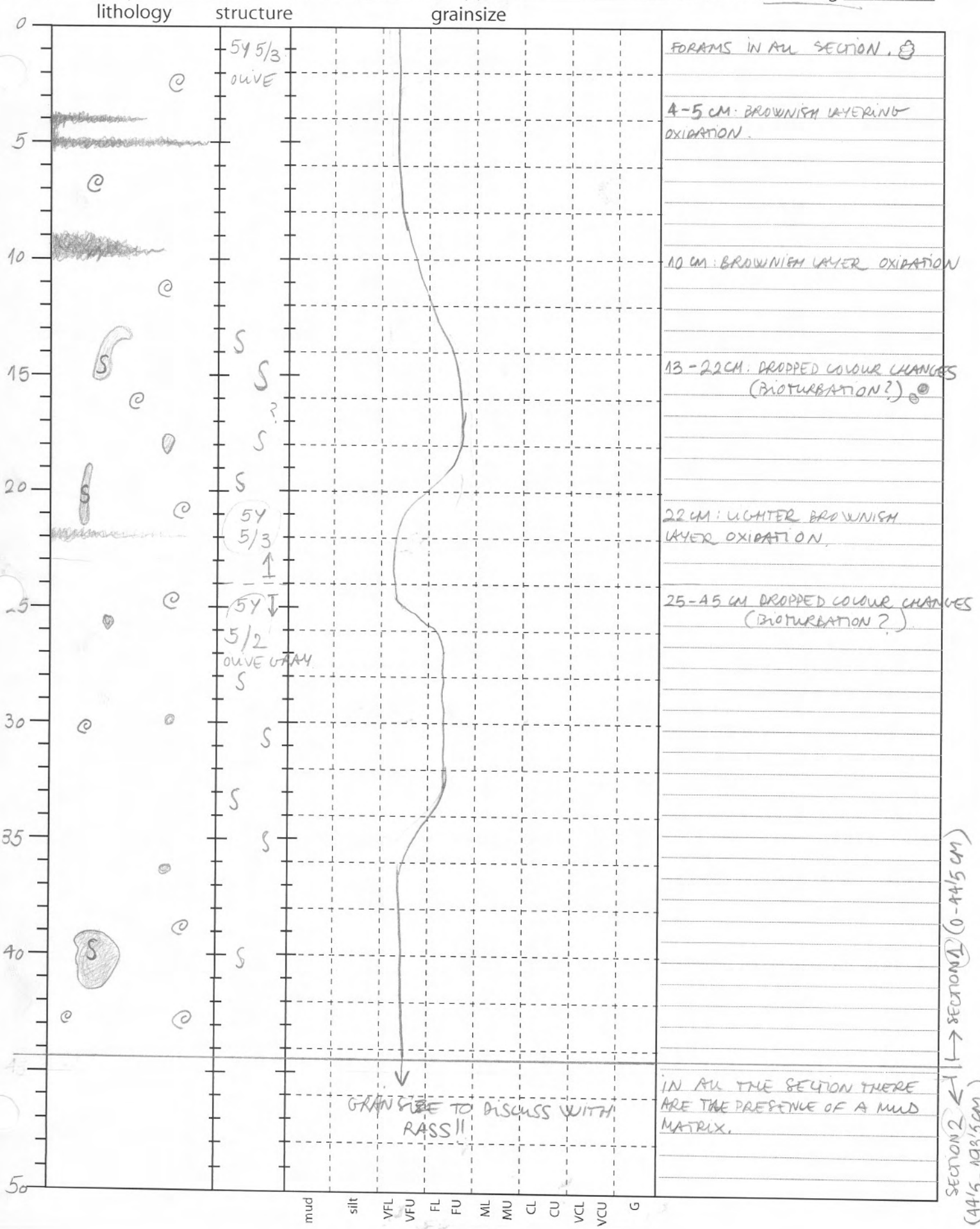
23-24 CM: GRADUAL COLOUR CHANGE

END OF THE SECTION

ALL THE SECTION IS CHARACTERIZETED TO THE PRESENCE OF A LOT OF FORAMS AND A MUD MATRIX. IN THE BOTTOM THERE ALSO ARE A CLASTIC FRAGMENTS. WHITHOUT A DETAILED GRANULOMETRICAL STUDY WE CANNOT DETERMINATE WELL THE Ø OF EACH PART FOR CAUSE THAT WE CAN CONFUSE FORAMS WITH SAND FRAGMENTS.

CORE LOG Core No. RR0705-16G-C Section No. 1 sheet 1 of 5

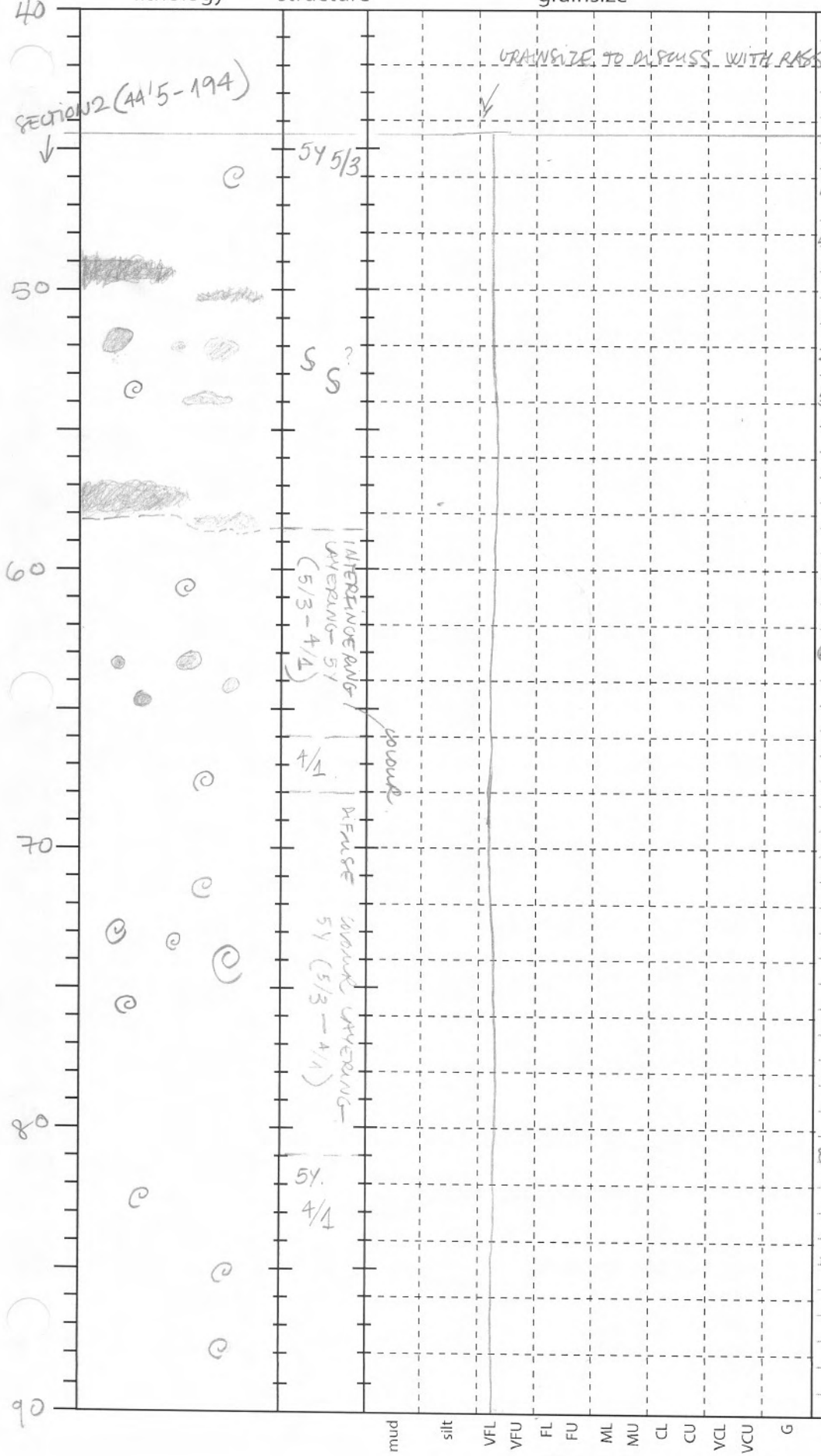
Date 14/05/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-16GC Section No. 2 sheet 2 of 5

Date 14/05/07 Described by ZORAIDA Archive/Working

lithology | structure | grainsize



GRAINSIZE TO DISCUSS WITH RAFS AFTER GRANULOMETRICAL STUDY

PRESENCE OF FORAMS IN ALL SECTION AND A MUD MATRIX.

49-51 DARK BROWNISH SPOTS/LAYERING? OXIDATION

52-56: COLOUR CHANGE SPOTS BIOTURBATION? INTO THESE SPOTS THERE AREN'T GRAINSIZES CHANGES

58-59 CM: BROWNISH SPOT/LAYER? OXIDATION

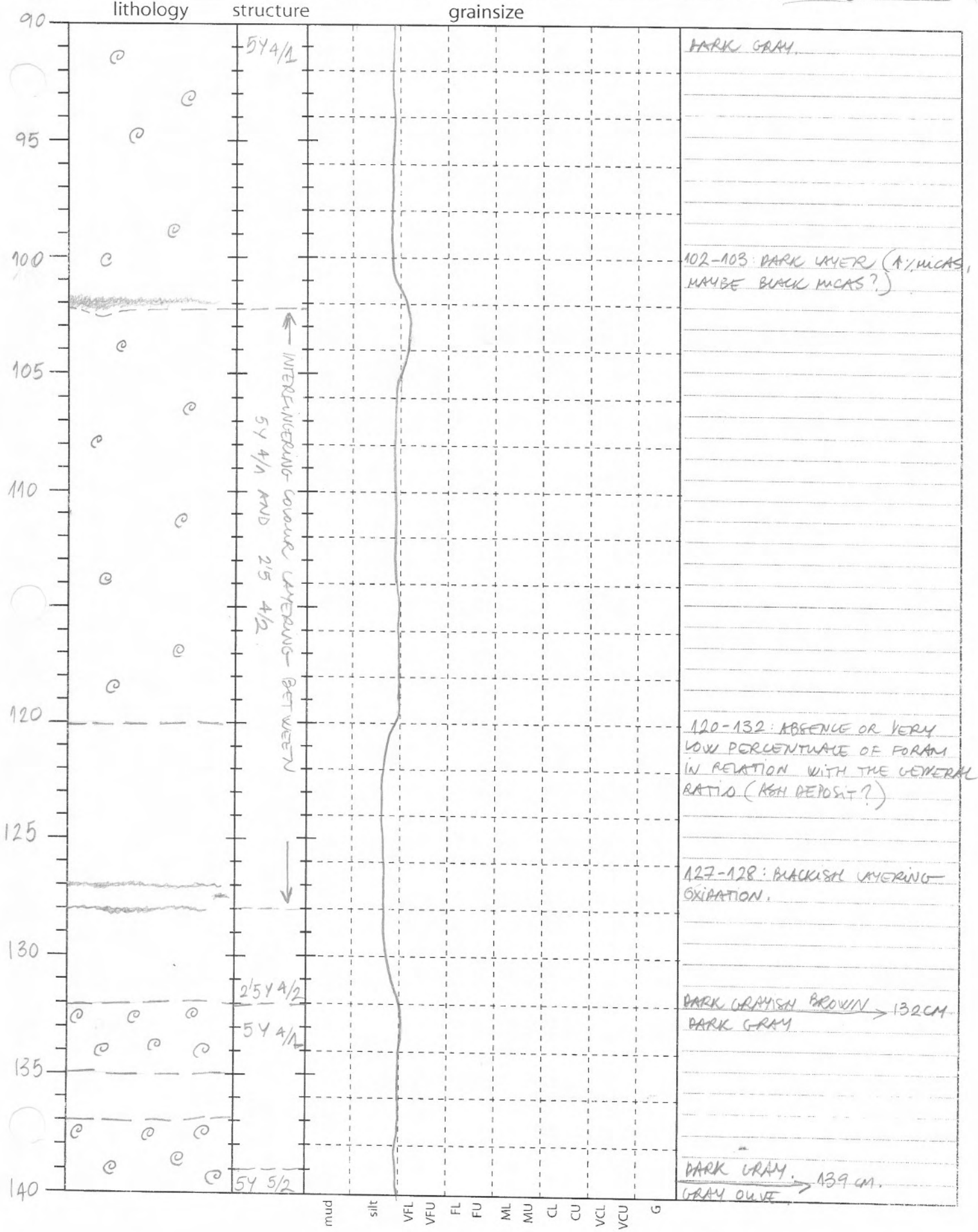
62-66: COLOUR CHANGE SPOTS BIOTURBATION?

72-76: HIGH PERCENT OF FORAMS

81-90: DECREASE THE PERCENT OF FORAMS RESPECT WHAT CAN SEE IN THE OTHER PART OF SECTION, ?? IN NAKED EYE PERHAPS YOU CAN'T SAY THIS?!

CORE LOG Core No. RR0705-16GC Section No. 2 sheet 3 of 5

Date 14/05/07 Described by ZORAIDA Archive/Working



DARK GRAY.

102-103: DARK LAYER (↑ MICAS, MAYBE BLACK MICAS?)

120-132: ABSENCE OR VERY LOW PERCENTAGE OF FORAM IN RELATION WITH THE GENERAL RATIO (ASH DEPOSIT?)

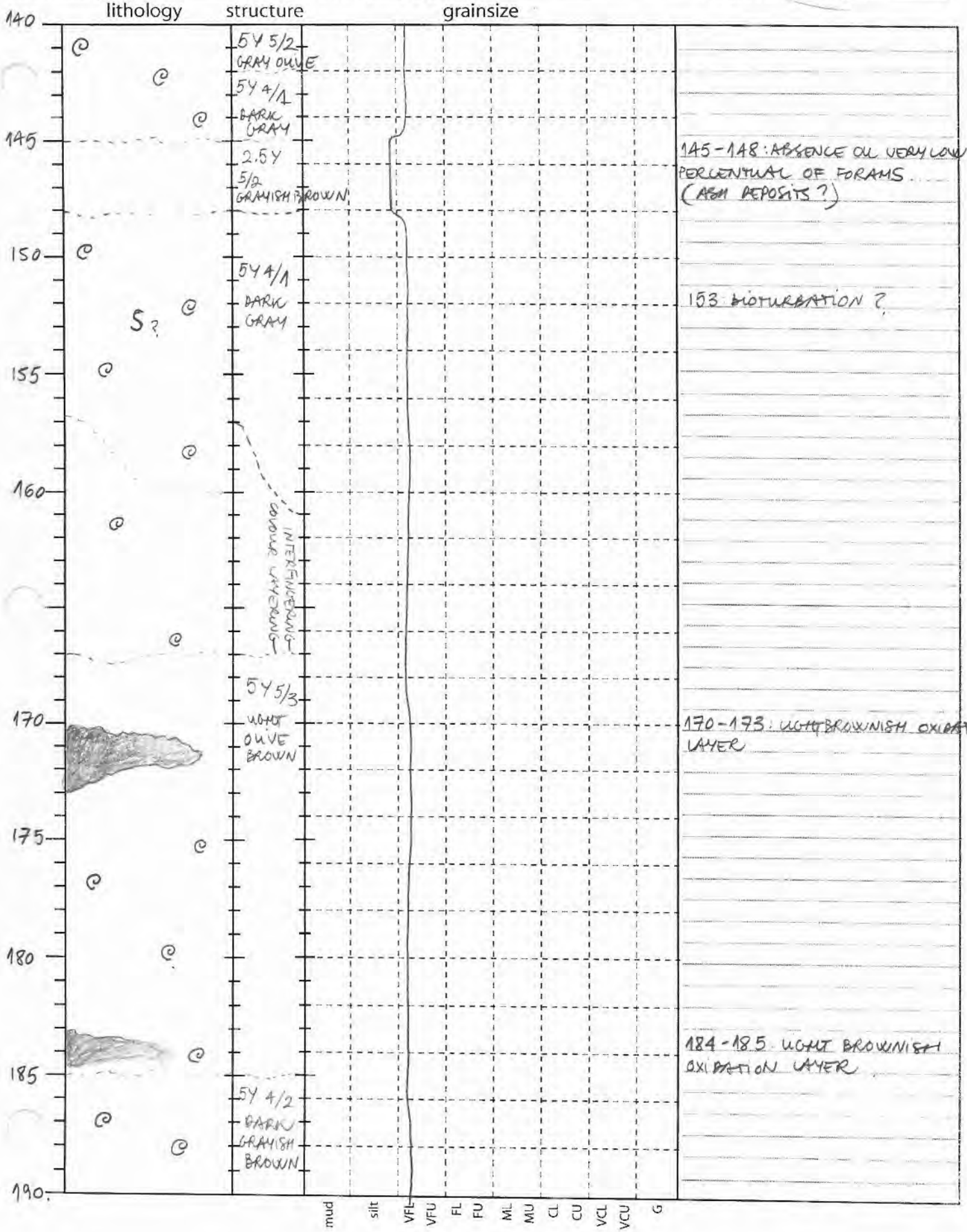
127-128: BLACKISH LAYERING OXIDATION.

DARK GRAYISH BROWN → 132CM.
DARK GRAY

DARK GRAY. → 139 CM.
GRAY OLIVE.

CORE LOG Core No. RR0705-16GC Section No. 2 sheet 4 of 5

Date 14/05/07 Described by ZORAIDA Archive/Working



145-148: ABSENCE OU VERY LOW PERCENTUAL OF FORAMS. (ASH DEPOSITS?)

153 BIOTURBATION?

170-173: LIGHT BROWNISH OXIDATION LAYER

184-185 LIGHT BROWNISH OXIDATION LAYER

CORE LOG Core No. RR0705-16GC Section No. 2 sheet 5 of 5

Date 14/05/07 Described by ~~ZORAIDA~~ Archive/Working

lithology | structure | grainsize

190

195

200

5Y 4/2 DARK GRAYISH BROWN

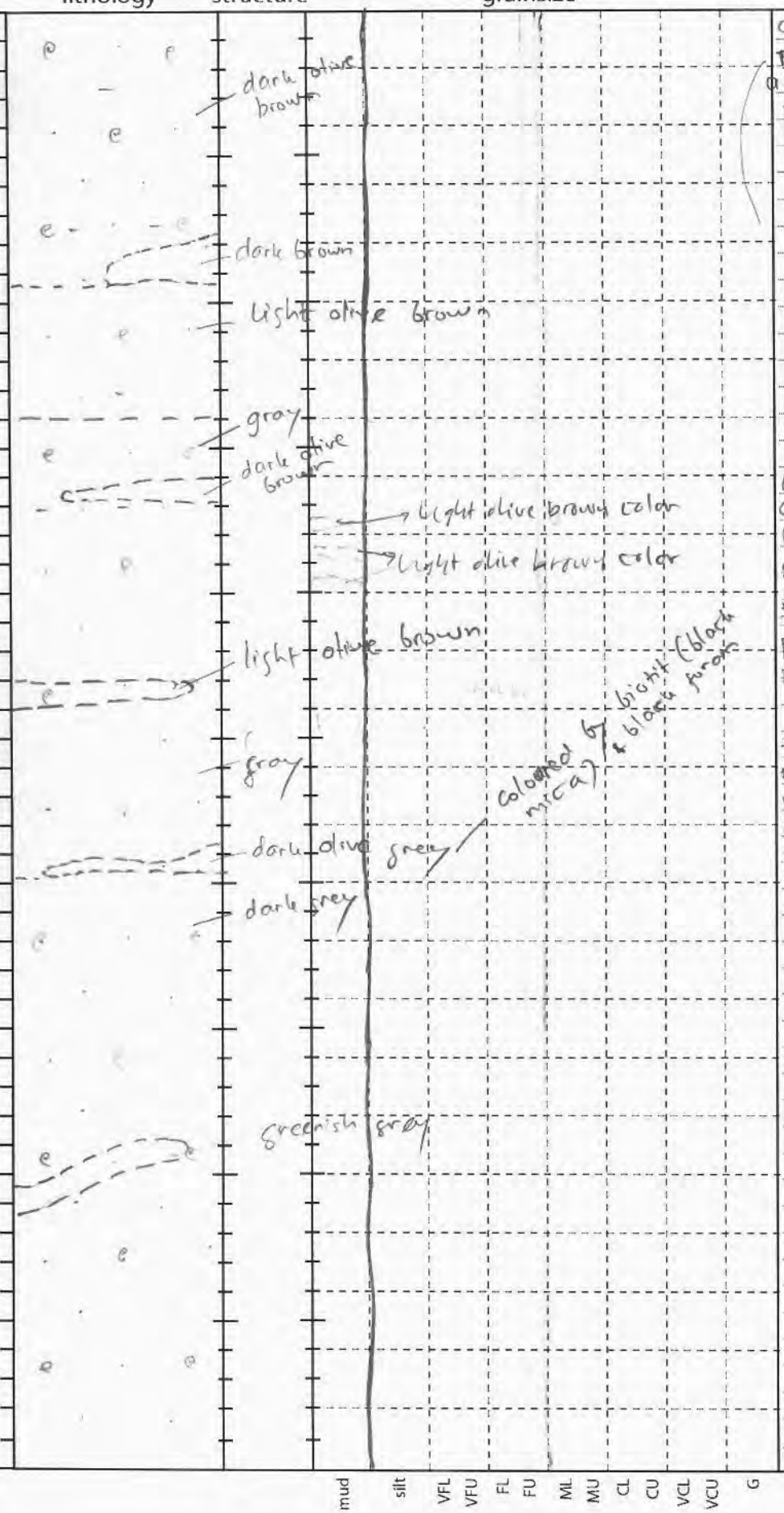
END OF THE SECTION (193/5)

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705-184C Section No. 1 (0-85.2cm) sheet 1 of 7

Date 14/05/07 Described by Yudo + Riza Archive/Working

lithology structure grainsize



0-9 light olive brown color Fg. sandy (Foram) mud a few mica, biogenic dominated foraminiferal ooze → hemipelagic sediment → ?

Vf grain sand → mica & glass

15-25
Gradually color change light olive brown mix with gray color, sandy (Foram) mud, a lot of Foram biogenic component dominated Foraminiferal ooze & hemipelagic sediment → ?

25-50 gray color Fine-medium grain sandy mud. well sorted, biogenic dominated a lot of Foram poss. hemipelagic sediment foraminiferal ooze ?

NOTE

CORE LOG Core No. RR07 05-18GC Section No. (1) (0-85,2) sheet 2 of 7

Date 14/05/07 Described by YURO + Reza Archive/Working

lithology structure grainsize

50

60

70

80

85,2

dark grey

dark olive grey

greyish grey (mud composition increase >80%)

very dark grey

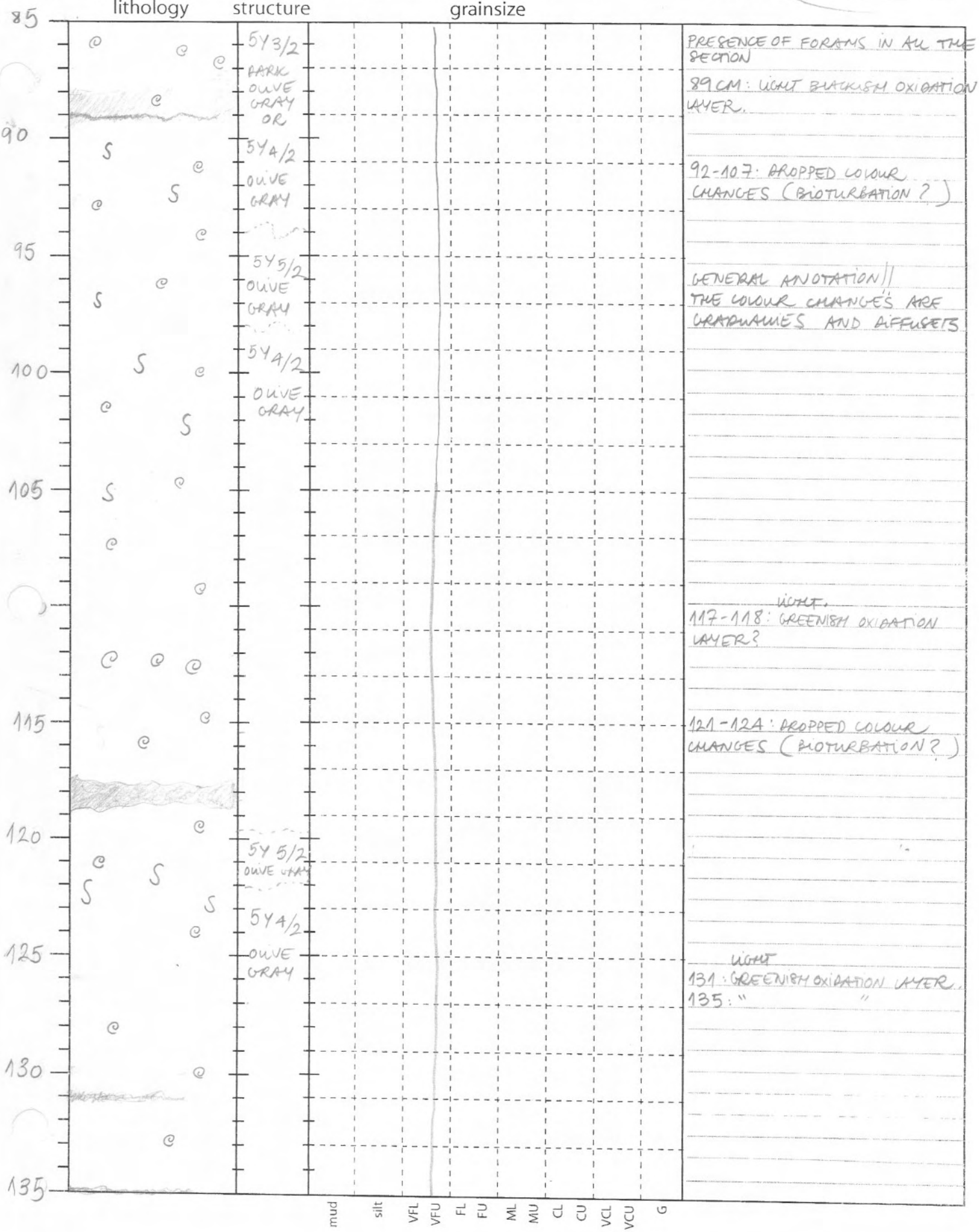
end of Sec I

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

50-85 gray color
Fine-medium grain sandy mud
Well sorted, biogenic component
dominated, a few of mica.
a lot of foram
Foraminiferal ooze
poss hemipelagic sediment

CORE LOG Core No. RR0705-18GC Section No. 2 (85'2-165) sheet 3 of 7

Date 14/05/07 Described by ZORAIDA Archive/Working



PRESENCE OF FORAMS IN ALL THE SECTION

89 CM: LIGHT BLACKISH OXIDATION LAYER.

92-107: DROPPED COLOUR CHANGES (BIOTURBATION?)

GENERAL ANOTATION: THE COLOUR CHANGES ARE GRADUALIES AND DIFFUSETS

117-118: LIGHT GREENISH OXIDATION LAYER?

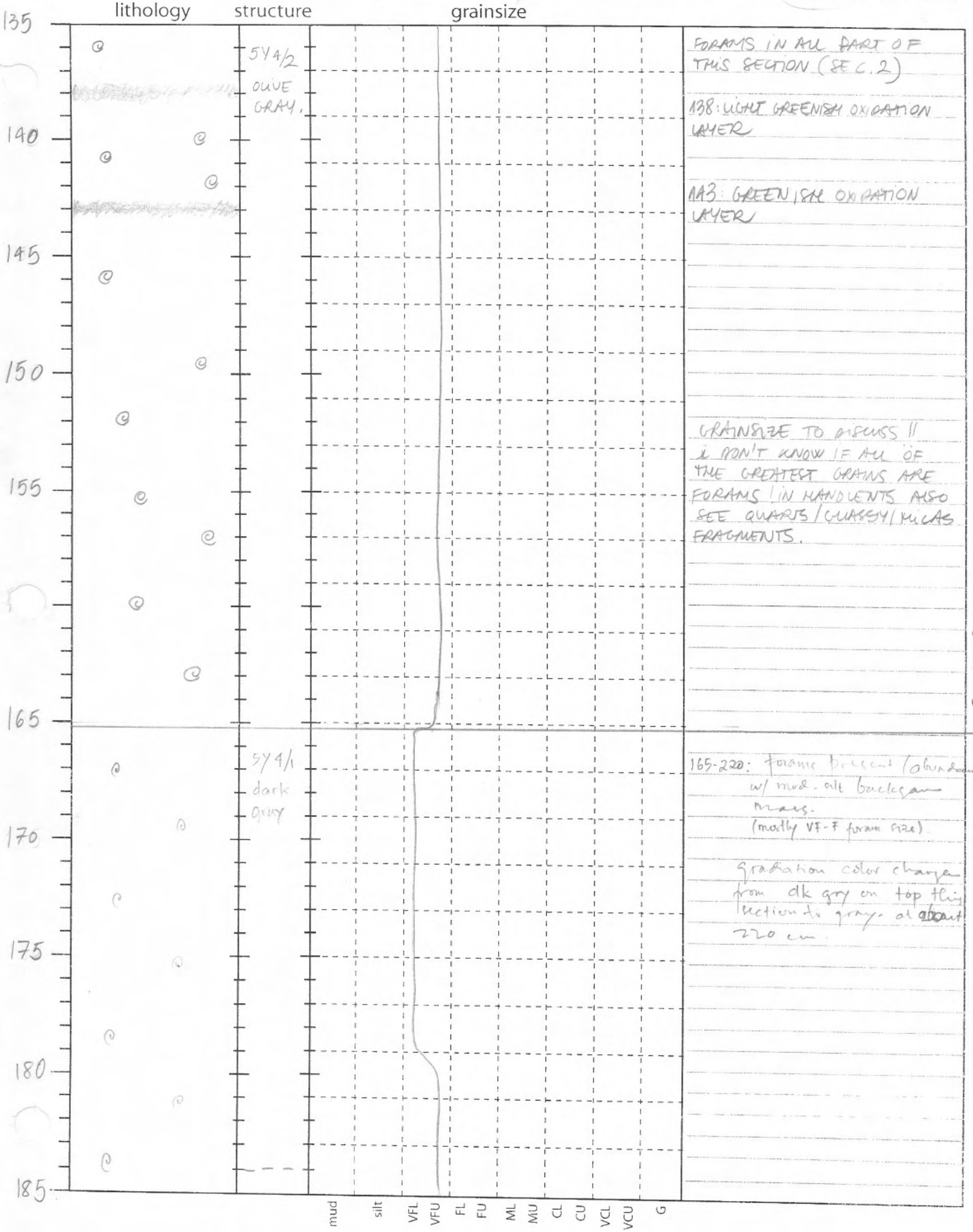
121-124: DROPPED COLOUR CHANGES (BIOTURBATION?)

131: LIGHT GREENISH OXIDATION LAYER.

135: " "

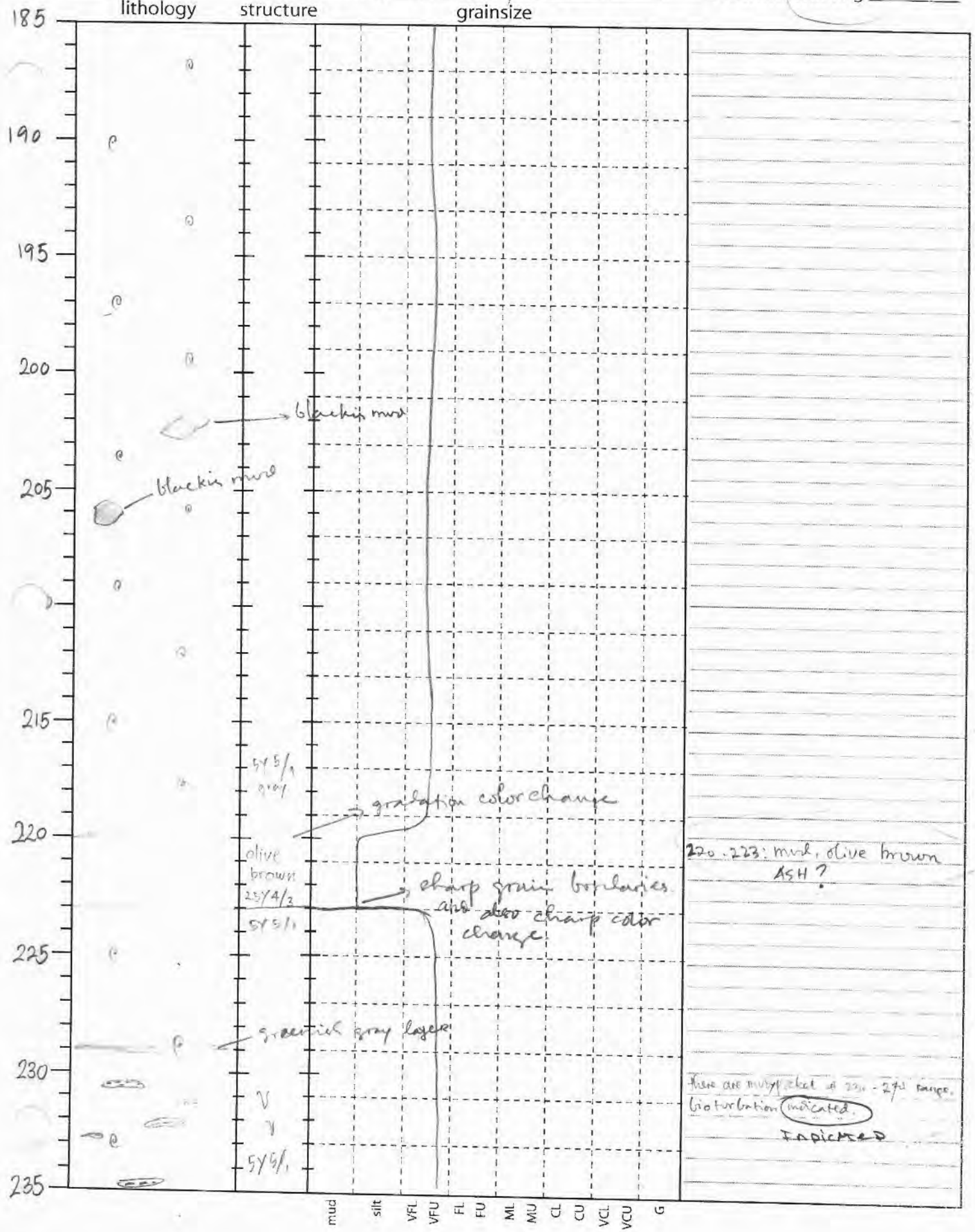
CORE LOG Core No. RR0705-18GC Section No. 2/3 sheet 4 of 7

Date 11/05/07 Described by ZORAIDA / SADIA. Archive/Working



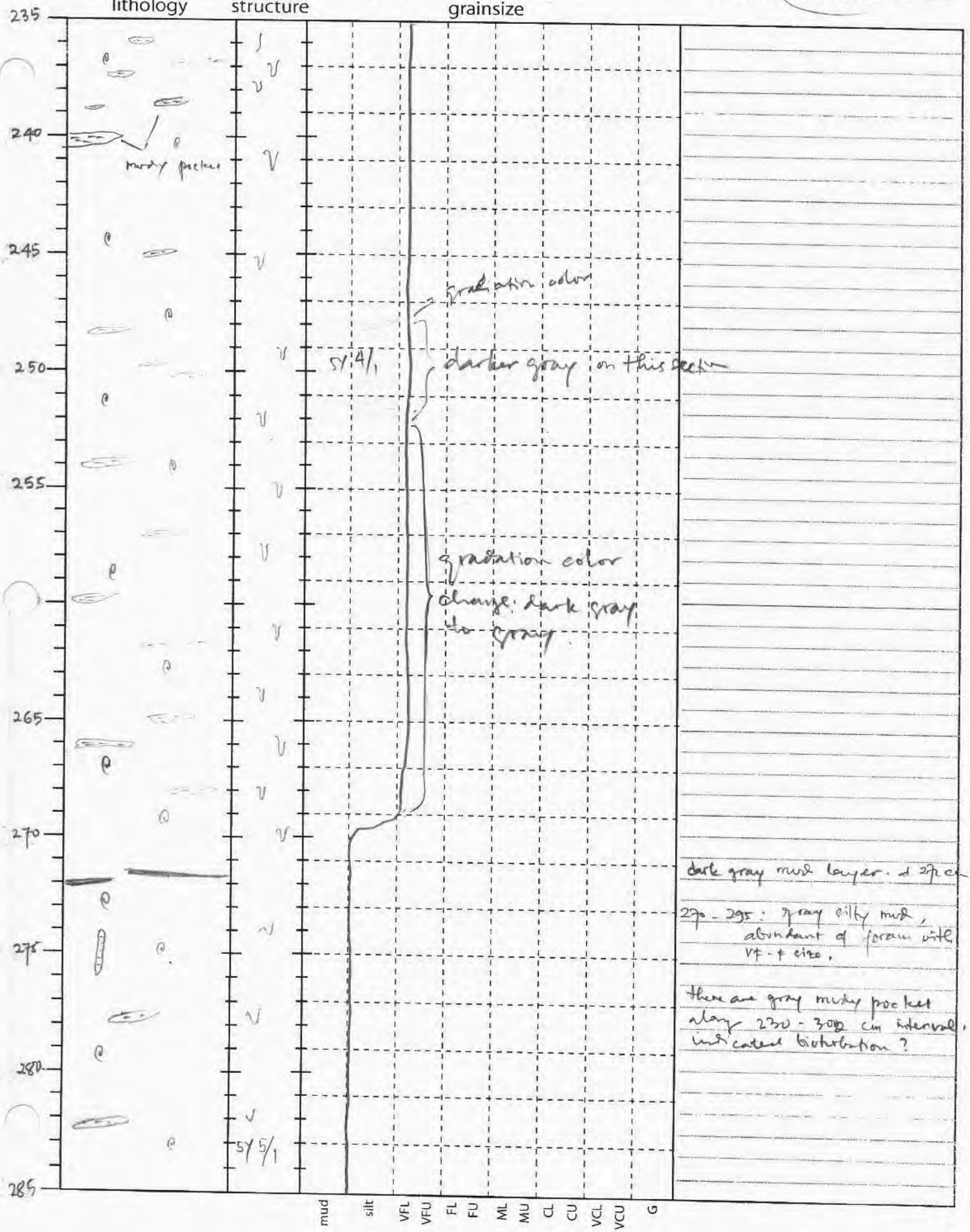
CORE LOG Core No. RR0705-18GC Section No. 3 (16215-31512 cm) sheet 5 of 7

Date 14/05/07 Described by ZORAIDA / MARTA. Archive/Working



CORE LOG Core No. RR0705-18GC Section No. 3 (162'5 - 315'2 CM) sheet 6 of 7

Date 14/05/07 Described by ZORAIDA / GUPTA, Archive/Working



dark gray mud layer. ~ 2 cm.

270 - 295 : gray silty mud, abundant of foram with VF - F size.

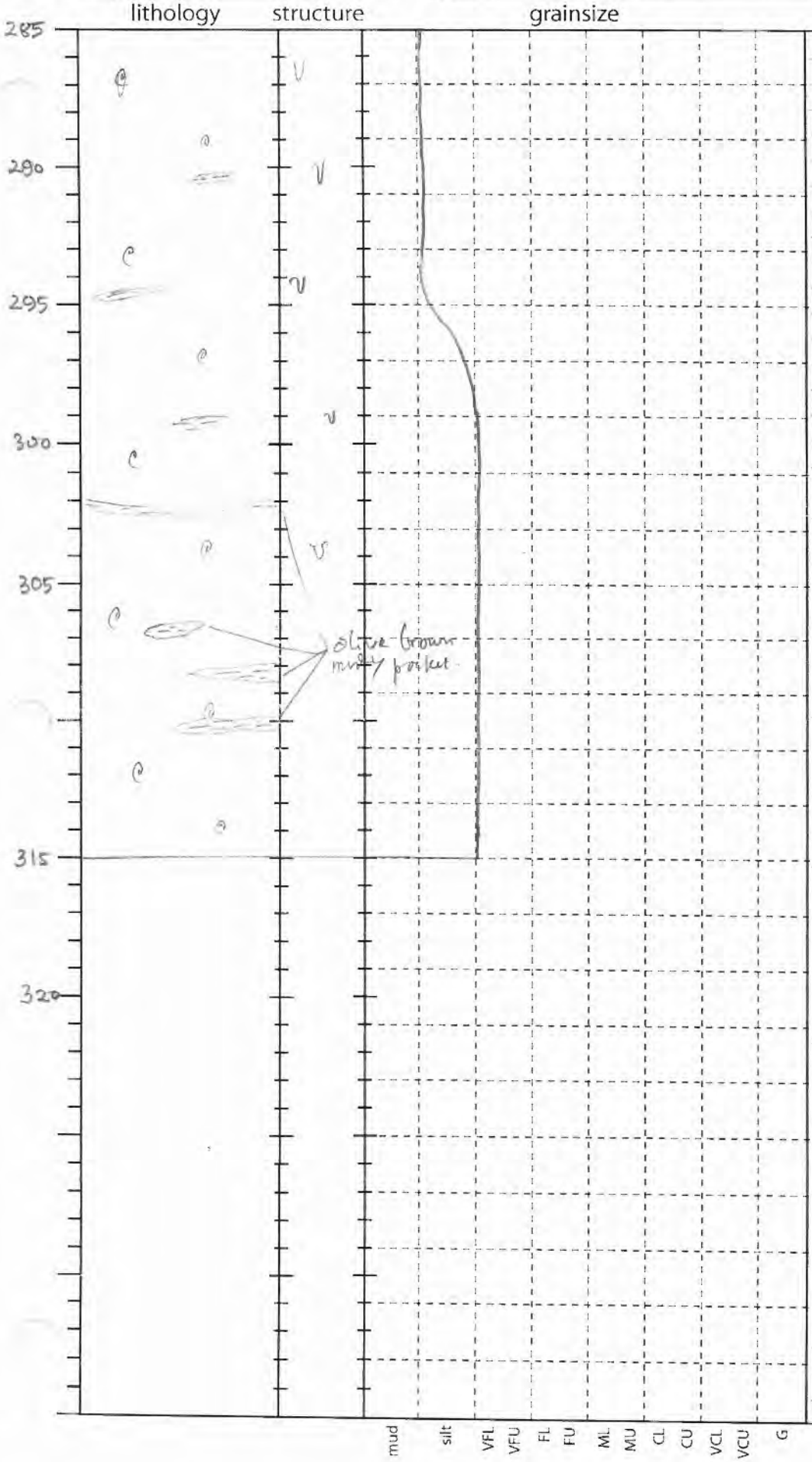
there are gray muddy pocket along 230 - 300 cm interval, bioturbation ?

ai, Jani

CORE LOG Core No. RR0705-18GC Section No. 3 sheet 7 of 7

Date 14/05/07 Described by ZORAIDA / SAPTA Archive/Working

lithology structure grainsize



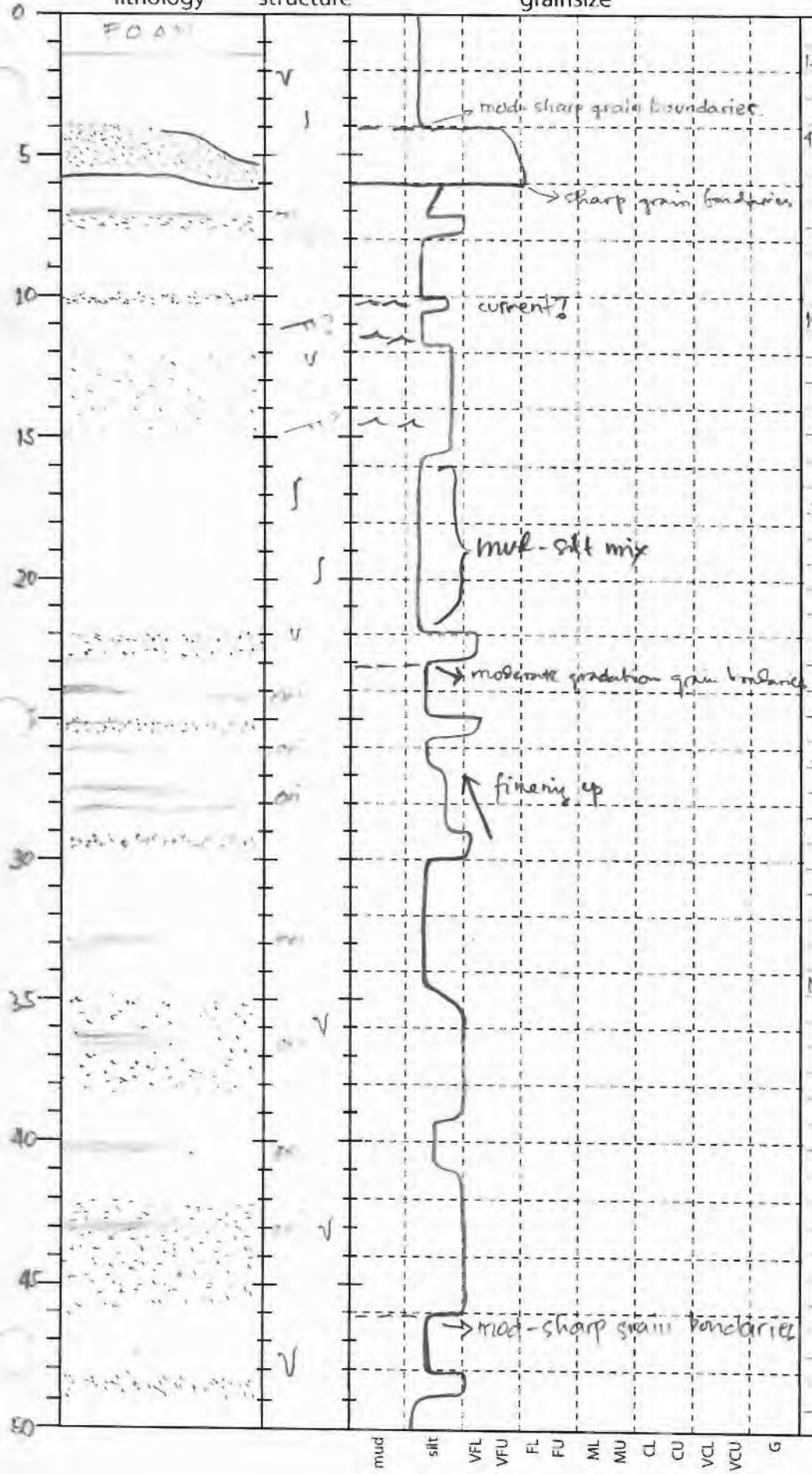
28

295 - 315: gray mud - silt back ground w/ abundant of foram

Note:
Mostly:
- ~~gray~~ mud - silt as background mass
- abundant of foram (w/ VF - F size)
- muddy pocket spot indicate bioturbation?

CORE LOG Core No. RR0705-19GC Section No. 1 sheet 1 of 2

Date 15/05/07 Described by SAPTA. Archive/Working



15-4: silty mud, dk gysh brn.

4-6: VF sand, loose, [illegible] mica present?

10-15: current? — 11

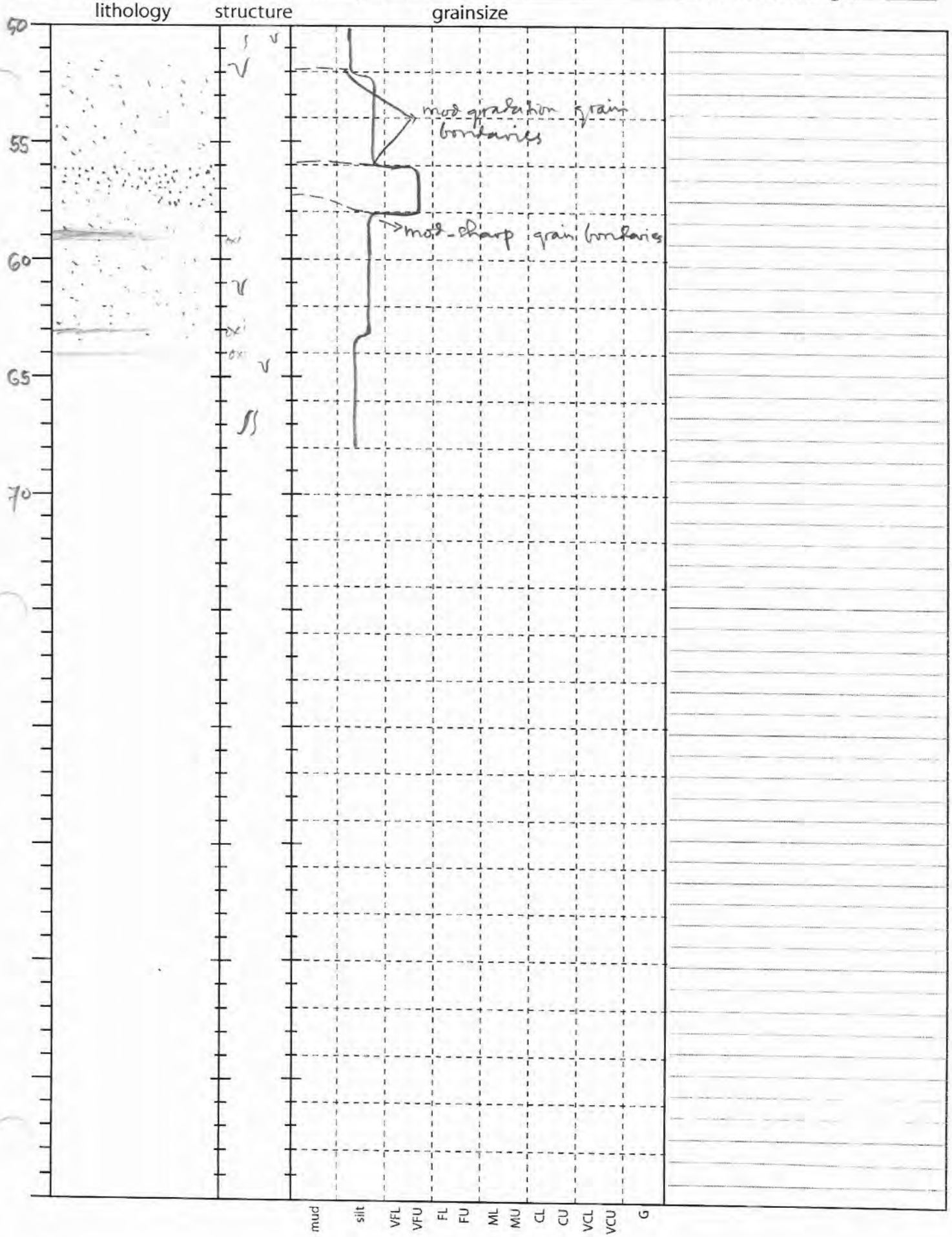
- upper of 28cm, backgrain mass is mud-silt, dark grayish brown, silt - VF sand present (look at graph) and also oxidation — 17, 18

- lower of 28cm, backgrain mass is mud-silt dark gray, (color changed gradationaly) silt - VF sand present (look at graph) and also oxidation. — 25

NOTE: Oxidation layer 24, 26, 27.5, 28, 33, 36-37.5, 40, 43, 59, 63 & 64 — 34

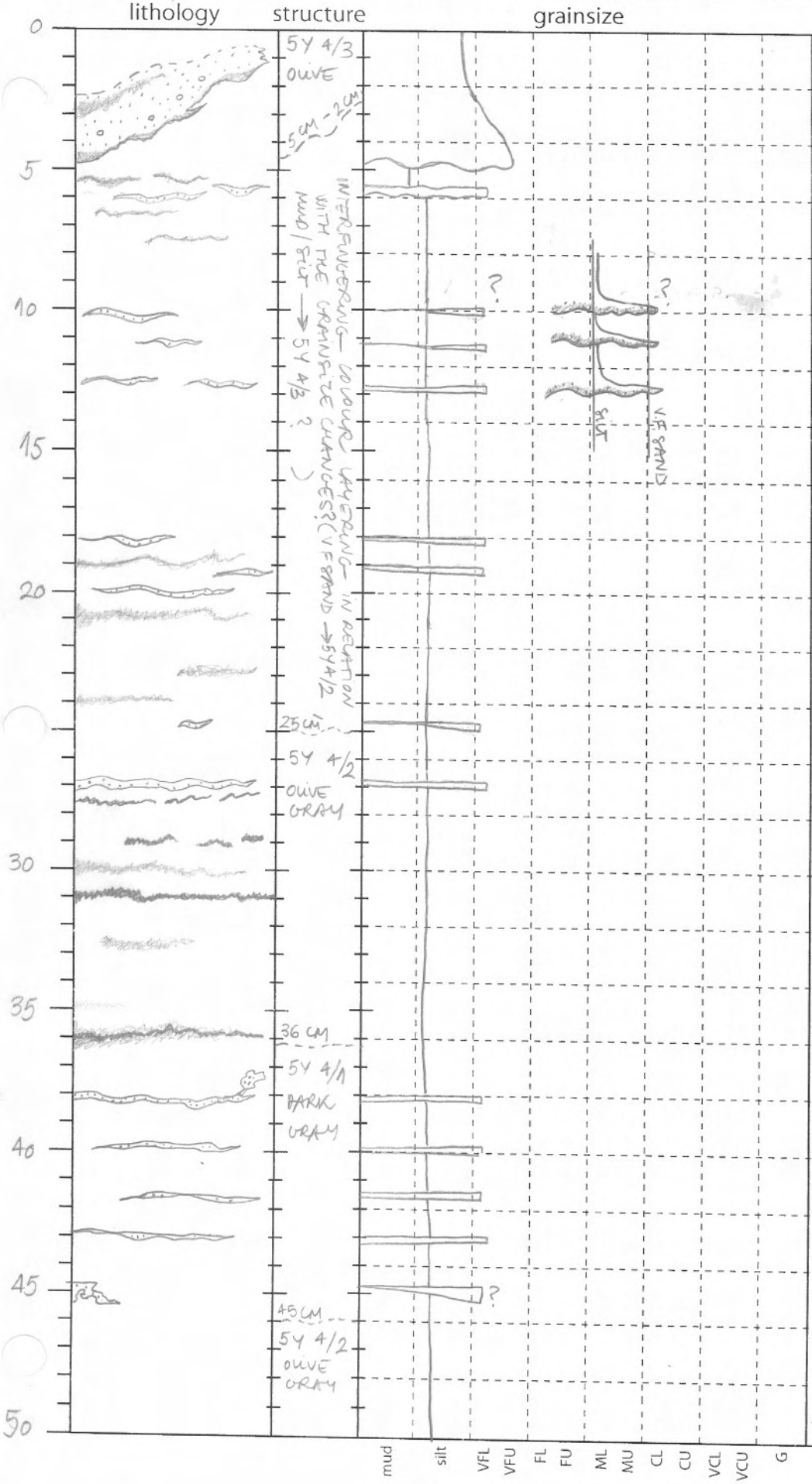
CORE LOG Core No. RR0705 - 19 GC Section No. 1 sheet 2 of 2

Date 15/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-20GC Section No. 1 sheet 1 of 5

Date 15/05/07 Described by ZORAIDA Archive/Working



1-4 CM: SAND LAYER; THE UPPER BOUNDARY CHARACTERIZETED TO A GRADUAL GRAINSIZE TRANSITION AND A ONDULATED LOWER BOUNDARY VERY IRREGULAR. THERE ARE A GREAT ACUMULATION OF BLACK MICAS IN THE BOTTOM OF THE LAYER, MUD BALLS INCLUDED? IN THE TOP BROWNISH LAYER OXIDATION.

5-6 CM.: BROWNISH LAYERS OXIDATION AND LAYERS OR LENTS OF VF SAND.

10-13 CM: LAYER OR LENTS OF V.F SAND? WITH DARKNESS COLOURATION IN THE BOTTOM OF THE LAYERS?

19-24 CM: BROWNISH OXIDATION LAYERS.

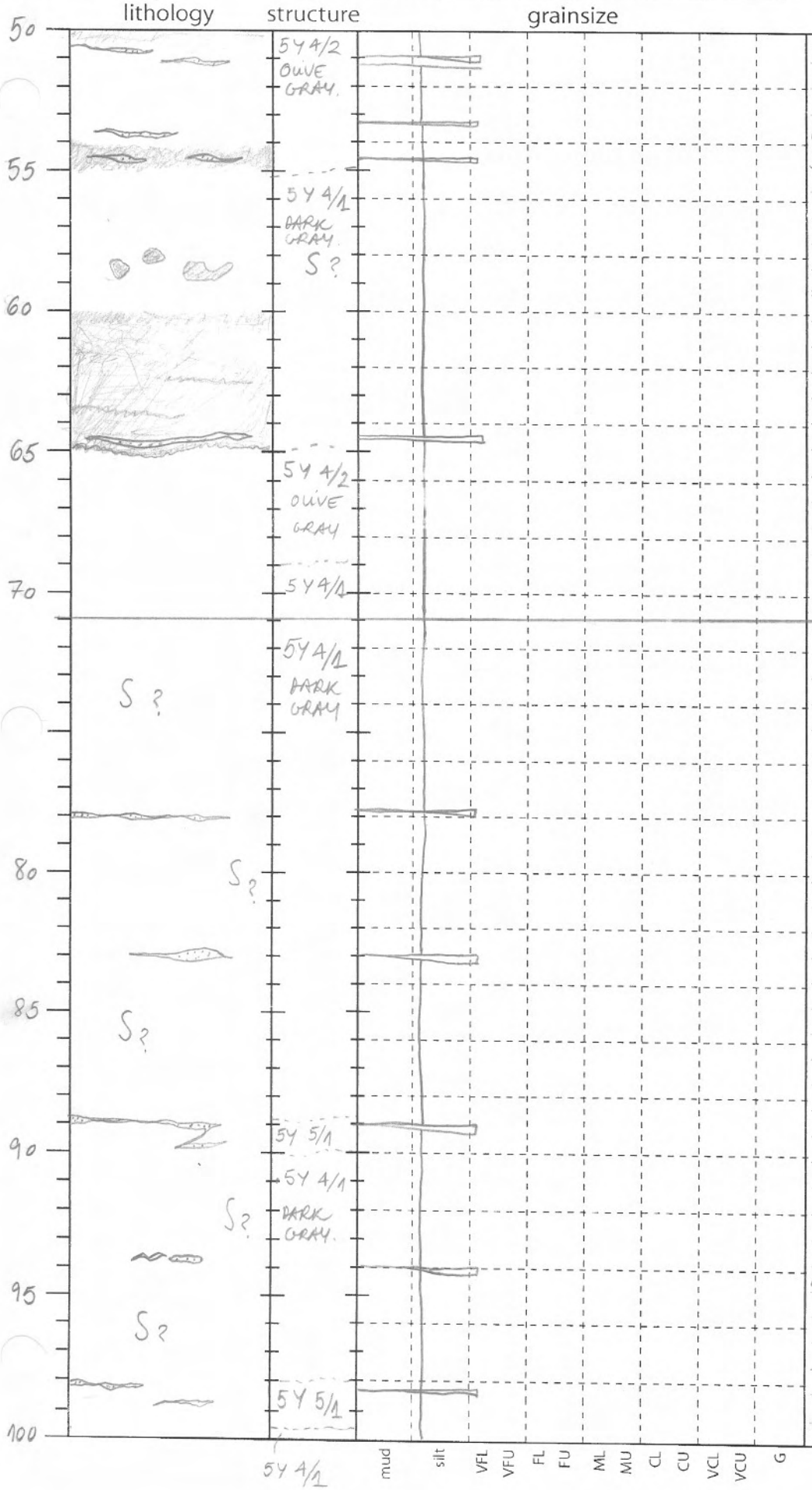
28-31 CM. BLACKISH LAYERS AND BROWNISH OXIDATION LAYERS UNTIL (36 CM.)

36 CM: BLACKISH LAYERS WITH BROWNISH OXIDATION.

38-45 CM VERY FINE SAND LAYERS / LENTS ?

CORE LOG Core No. RR0705-20GC Section No. 1/2 sheet 2 of 5

Date 15/05/07 Described by ZORAIDA Archive/Working



51: LIGHT BROWNISH OXIDATION LAYER

50-55: THIN V.F SAND LAYERS

GENERAL ANNOTATION: ALL THE COLOUR CHANGES ARE GRADUAL.

54-55 CM BROWNISH OXIDATION LAYER

58-59: DROPPED COLOUR CHANGES BIOTURBATION?

60-65: BROWNISH LAYERS OXIDATION ZONE

64'5: V.F SAND LAYER

SECTION 1 (0-71 CM.)

SECTION 2 (71-221 CM).

78-100 CM: THIN V.F SAND LAYERS.

IN ALL OF THIS PART OF THE SEQUENCE THERE ARE DROPPED COLOUR CHANGES → MAYBE BIOTURBATION

94 CM: CRACKS (LENGHT NO'S CM.)

CORE LOG Core No. RR0705-20GC Section No. 2 sheet 3 of 5

Date 15/05/07 Described by ZORAIDA Archive/Working

100-126: DROPPED COLOUR CHANGES (BIOTURBATION?).

115-116; FINE SAND LAYER WITH IRREGULAR BOUNDARY. DARK LAYERS OXIDATION OR DARK MICAS ACCUMULATION LAYERS IN THE TOP AND THE BOTTOM. PLANAR LAMINATION

116 CM: BLACK LAYERS (PEAT?)

125-127; BLACK LAYERS (PEAT?)

127/5-128 CM; FINE SAND LAYER (IRREGULAR BOUNDARIES AND DARK LAYERS OXIDATION/DARK MICAS ACCUMULATION LAYERS/ SULFUR DEPOSITION...? IN THE BOTTOM OF THE LAYER).

130-150: LIGHT BROWNISH OXIDATION LAYERS?

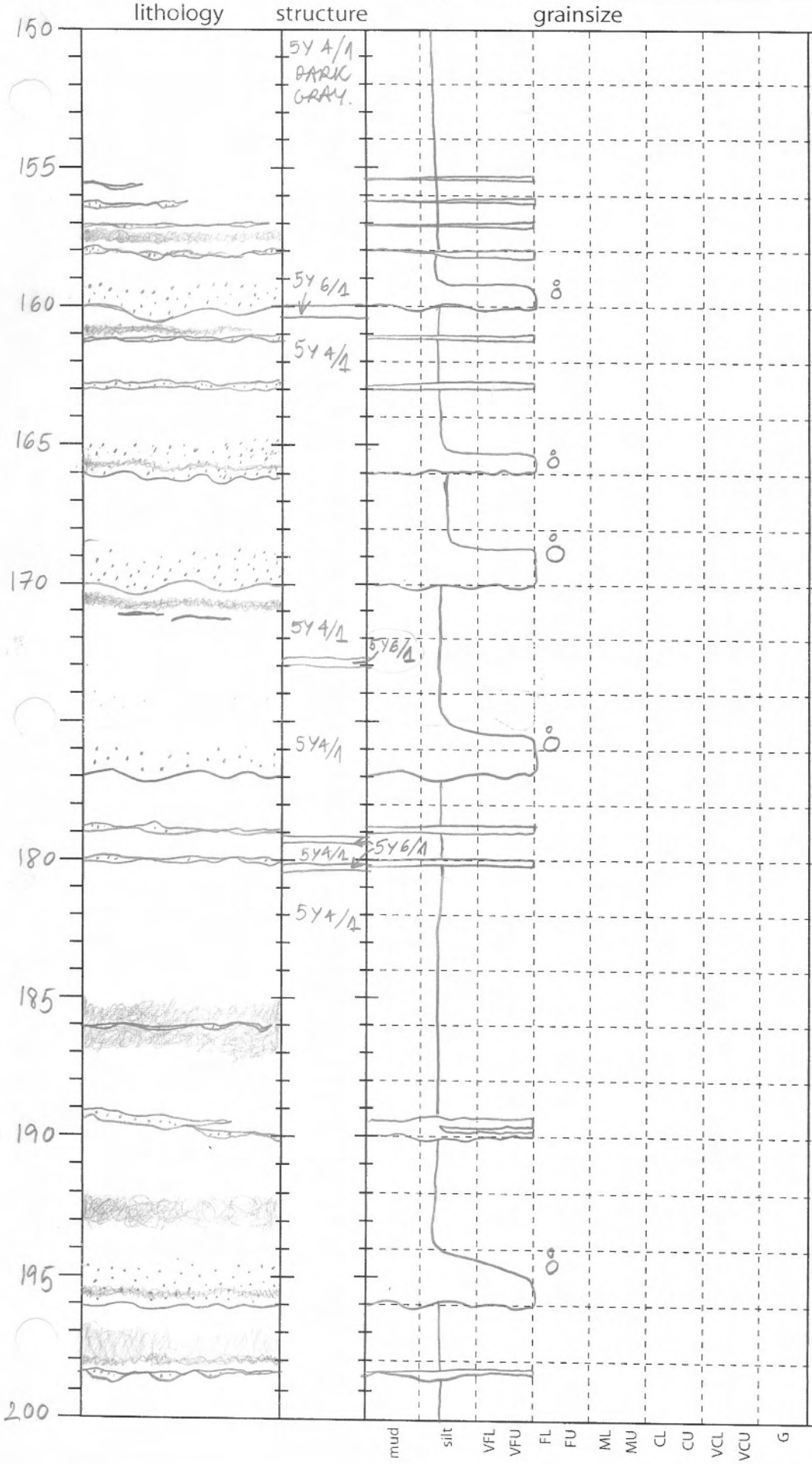
133 CM; BROWNISH OXIDATION LAYERING

136 CM; DROPPED COLOUR CHANGES (BIOTURBATION?)

148/5-149/5 CM: FINE SAND LAYER WITH DARK COLOURED LAYERS UPPER AND LOWER BOUNDARIES IRREGULARS AND PLANAR LAMINATION

CORE LOG Core No. RR0705-20GC Section No. 2 sheet 4 of 5

Date 15/05/07 Described by ZORAIDA Archive/Working



IN ALL THIS PART THERE ARE A LIGHT DROPPED COLOUR CHANGES IN THE SILT LAYERS (BIOTURBATION ??)

155 - 161 CM ; BROWNISH OXIDATION LAYERS

159'5 - 160 CM, VERY FINE SAND LAYER WITH A IRREGULARS BOUNDARIES. GRADUAL GRAINSIZE CHANGE IN THE UPPER BOUNDARY

165'5 - 166 CM ; VERY FINE SAND LAYER WITH IRREGULAR LOWER BOUNDARY AND GRADUAL GRAINSIZE CHANGE IN THE UPPER BOUNDARY. BROWNISH OXIDATION LAYER IN THE BOTTOM OF THE V.F SAND LAYER.
→ THE SAME TO (175-177CM) !!

168'5 - 170 CM: VF SAND LAYER IRREGULAR LOWER BOUNDARY AND GRADUAL GRAINSIZE CHANGE IN THE UPPER BOUNDARY.

170'5 CM ; BROWNISH OXIDATION LAYER

171 CM ; PEAT SPOTS ?

185 - 187 CM: BROWNISH OXIDATION LAYERING

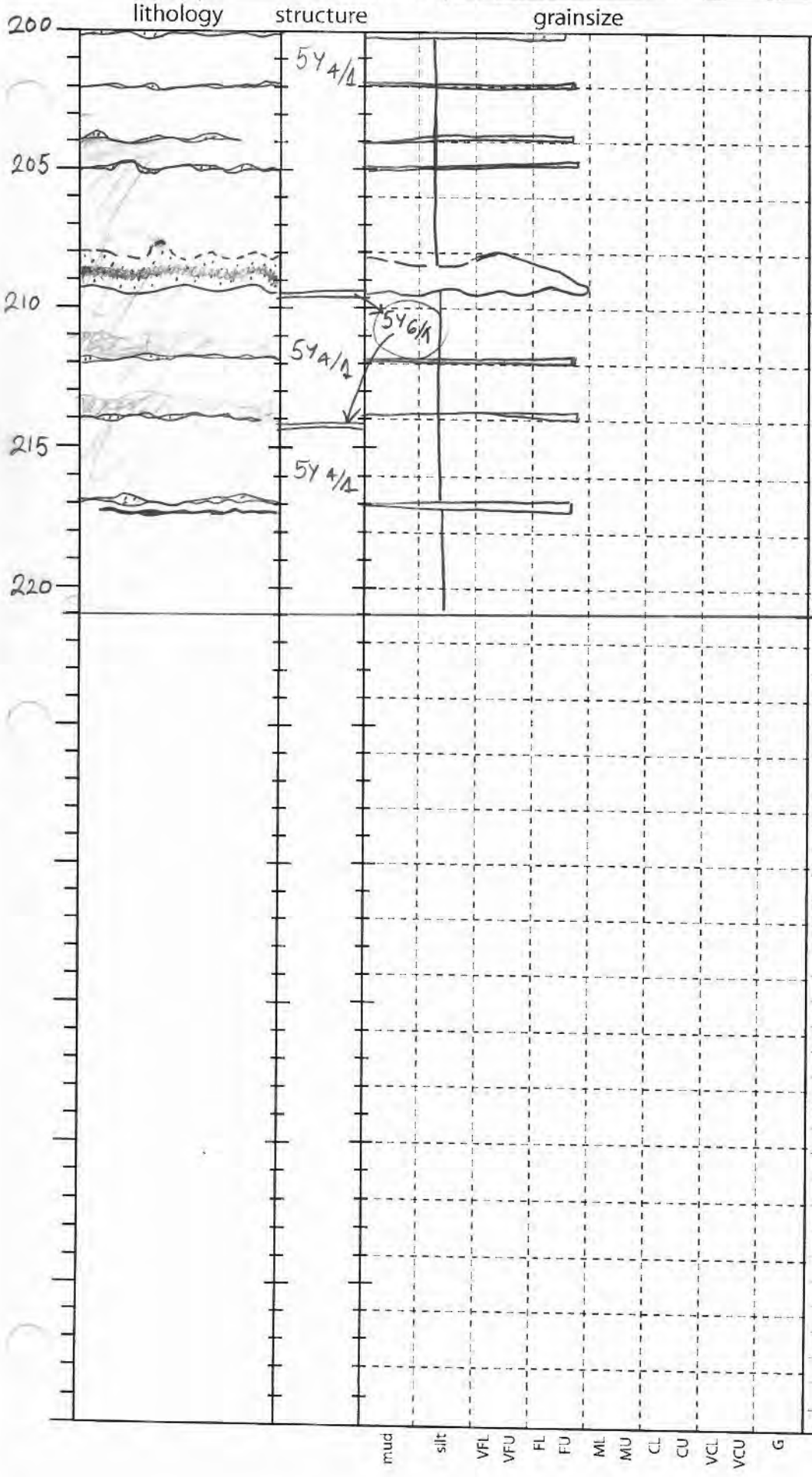
192 - 193 CM: BROWNISH OXIDATION LAYERING

194 - 196 CM: THE SAME THAT (165'5 - 166 CM !!)

198 CM BROWNISH OXIDATION LAYERING

CORE LOG Core No. RR0705-20GC Section No. 2 sheet 5 of 5

Date 15/05/07 Described by ZORAIDA Archive/Working



204 AT THE END OF THE SECTION THERE ARE A GENERAL BROWNISH OXIDATION AND PATCHED COLOUR CHANGES, (BIOTURBATION?)

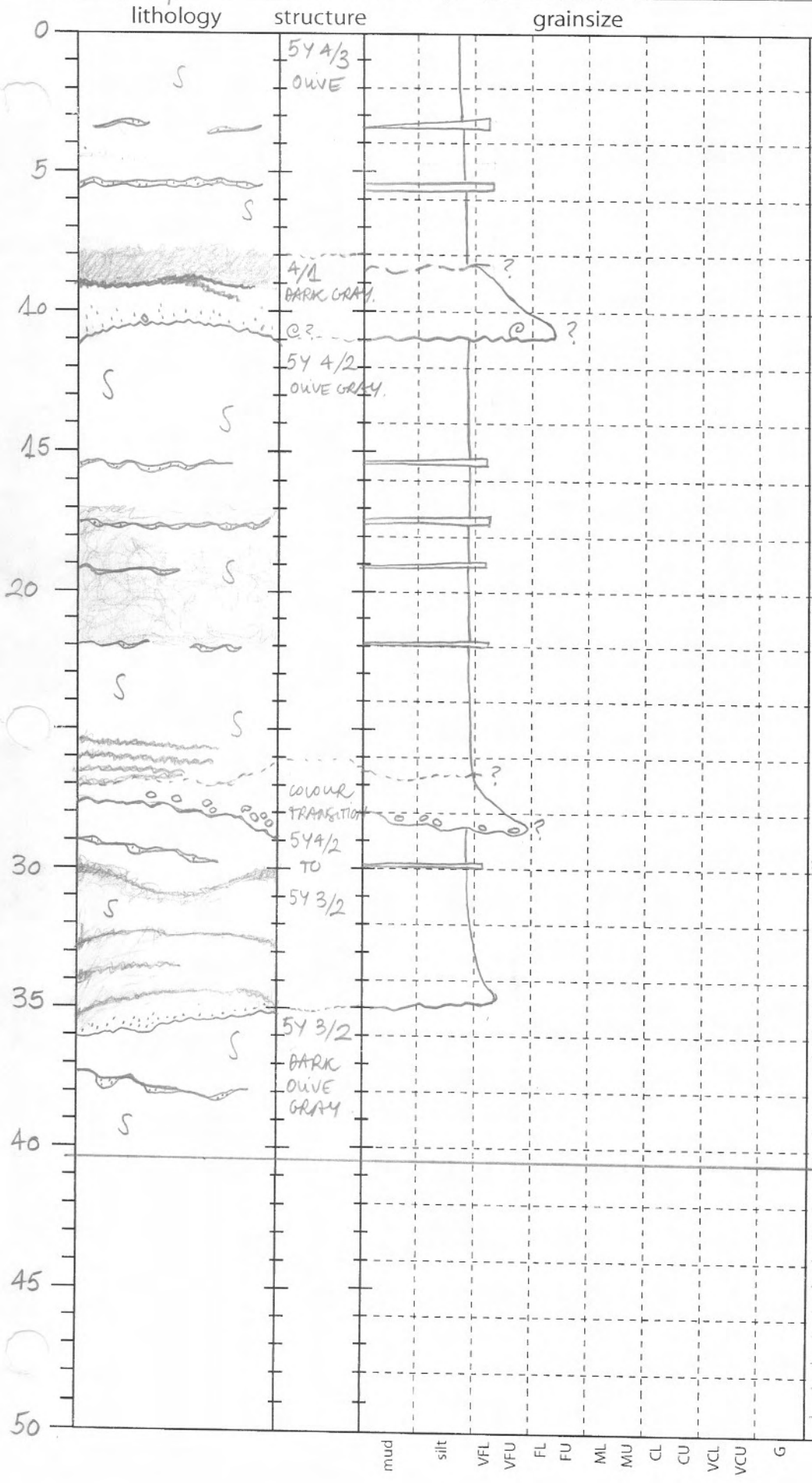
208-209.5 CM: FINE SAND LAYER WITH IRREGULARS BOUNDARIES AND WITH A BROWNISH OXIDATION LAYER IN THE MIDDLE.

214: PEAT LAYER?

END OF THE SECTION 221 CM.

CORE LOG Core No. RR0705-21GC Section No. 1 (1 OF 1) sheet 1 of 1

Date 15/05/07 Described by ZORAIDA Archive/Working



IN ALL SEC → PROPPED COLOUR CHANGES (BIOTURBATION ?)

3-5/5 CM: VERY FINE SAND LAYERS / VENTS ?

8-9: BROWNISH LAYER OXIDATION.
9 CM: BLACK LAYER OX?

9-11 CM: SAND LAYER (IRREGULAR LOWER AND UPPER BOUNDARY, MILIMETRICAL CLAST IN THE LOWER BOUNDARY, MICAS LAYERING, FORAMS CLASTS ?

18-22 CM: LIGHT BROWNISH LAYERED ZONE OXIDATION

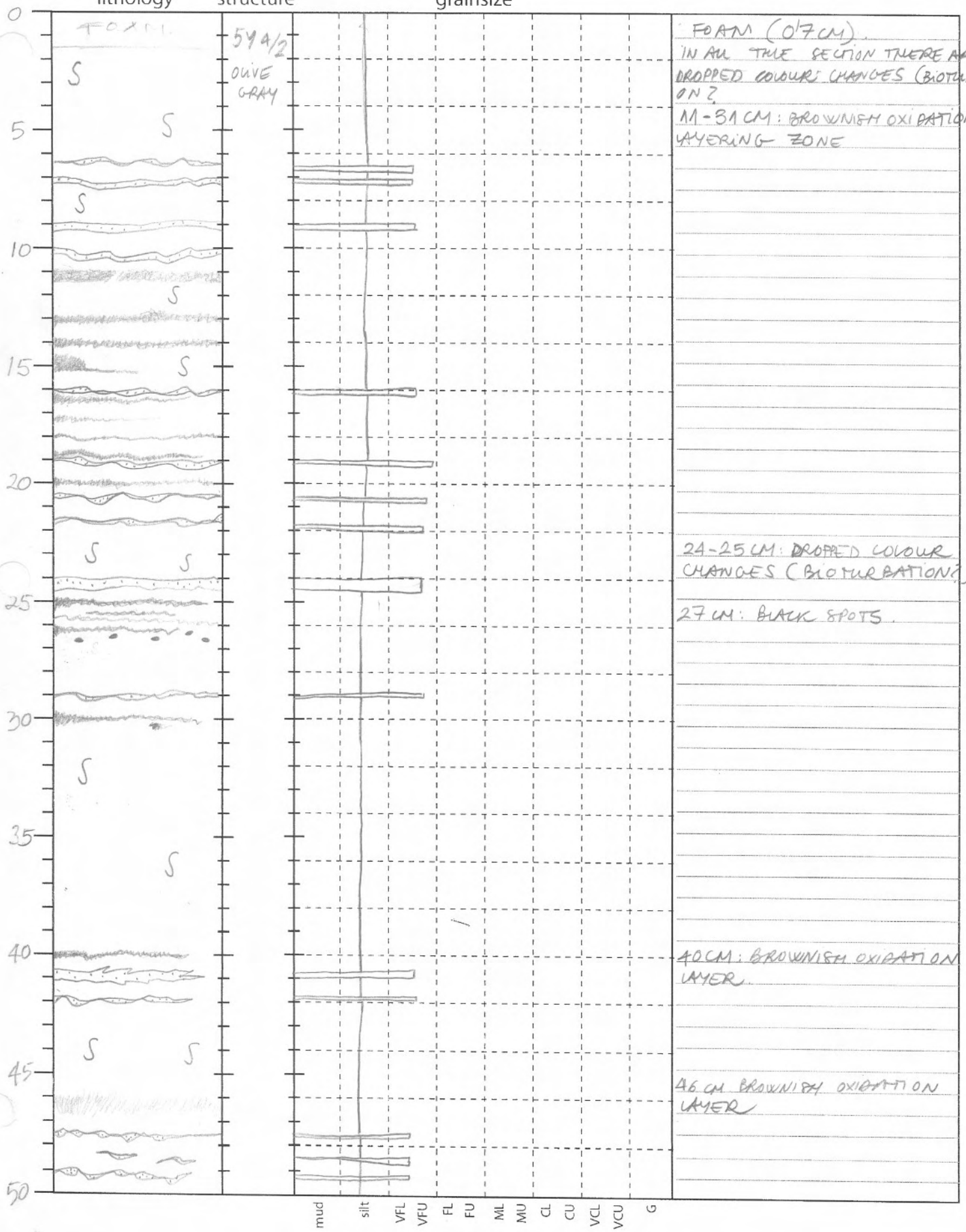
25/5-27 CM: BROWNISH OXIDATION LAYERING AND BLACK LAYERS OX?

26-29 CM SAND LAYER (IRREGULAR LOWER AND UPPER BOUNDARY, MUD CLAST ?)

32/5-36: DARK BROWNISH OXIDATION LAYERING ZONE

CORE LOG Core No. RR0705-22 GC Section No. 1 sheet 1 of 2

Date 16/05/07 Described by SAPTA/ZORATZA Archive/Working



FOAM (0-7 CM).

IN ALL THE SECTION THERE ARE DROPPED COLOUR CHANGES (BIOTURBATION?

11-31 CM: BROWNISH OXIDATION LAYERING ZONE

24-25 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

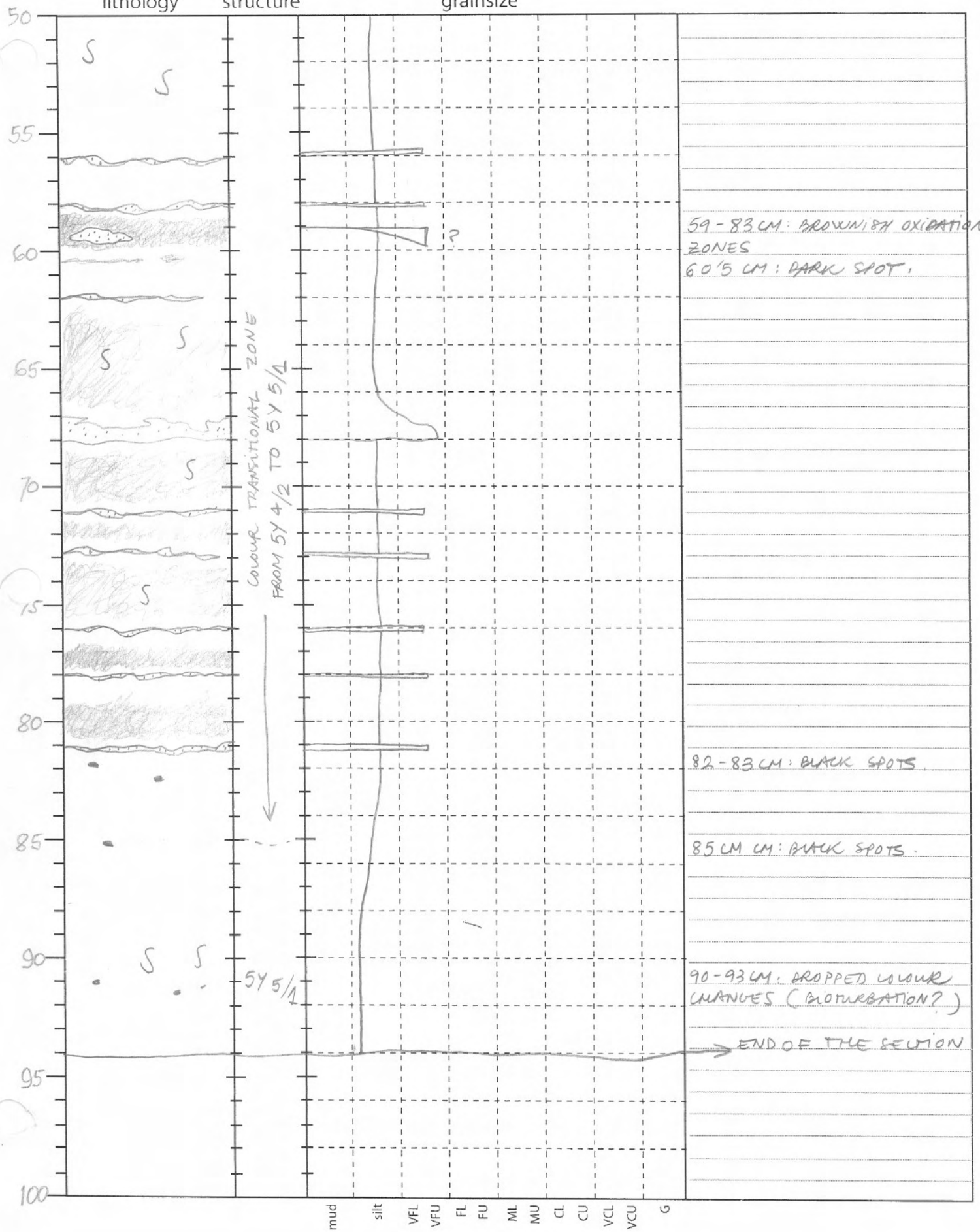
27 CM: BLACK SPOTS.

40 CM: BROWNISH OXIDATION LAYER.

46 CM BROWNISH OXIDATION LAYER

CORE LOG Core No. RR0705-22GC Section No. 1 sheet 2 of 2

Date 16/05/07 Described by SAMPTA / ZORAIDA Archive/Working



59 - 83 CM: BROWNISH OXIDATION ZONES

60'5 CM: DARK SPOT.

82 - 83 CM: BLACK SPOTS.

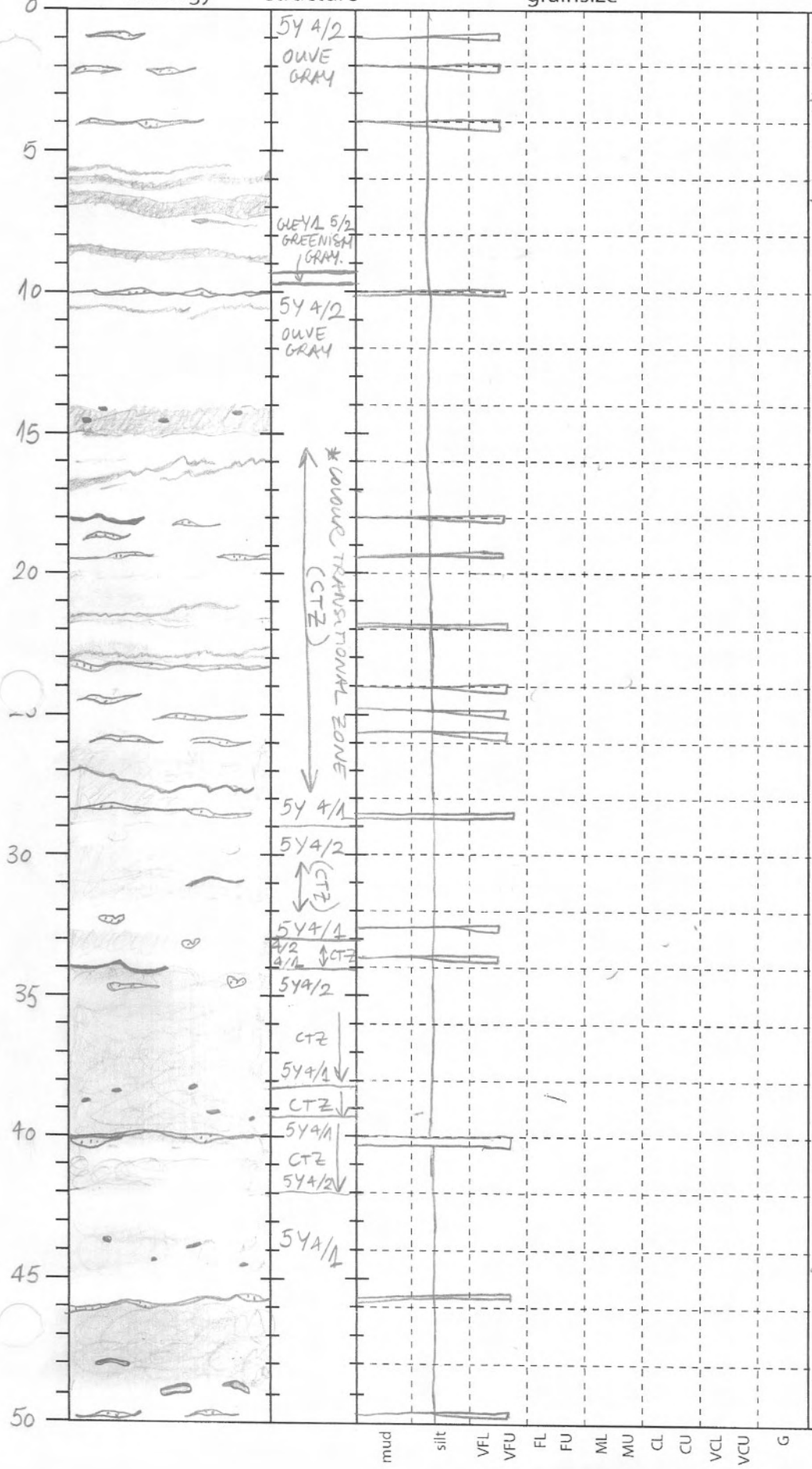
85 CM CM: BLACK SPOTS.

90 - 93 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

END OF THE SECTION

CORE LOG Core No. RR0705-23GC Section No. 1 sheet 1 of 5

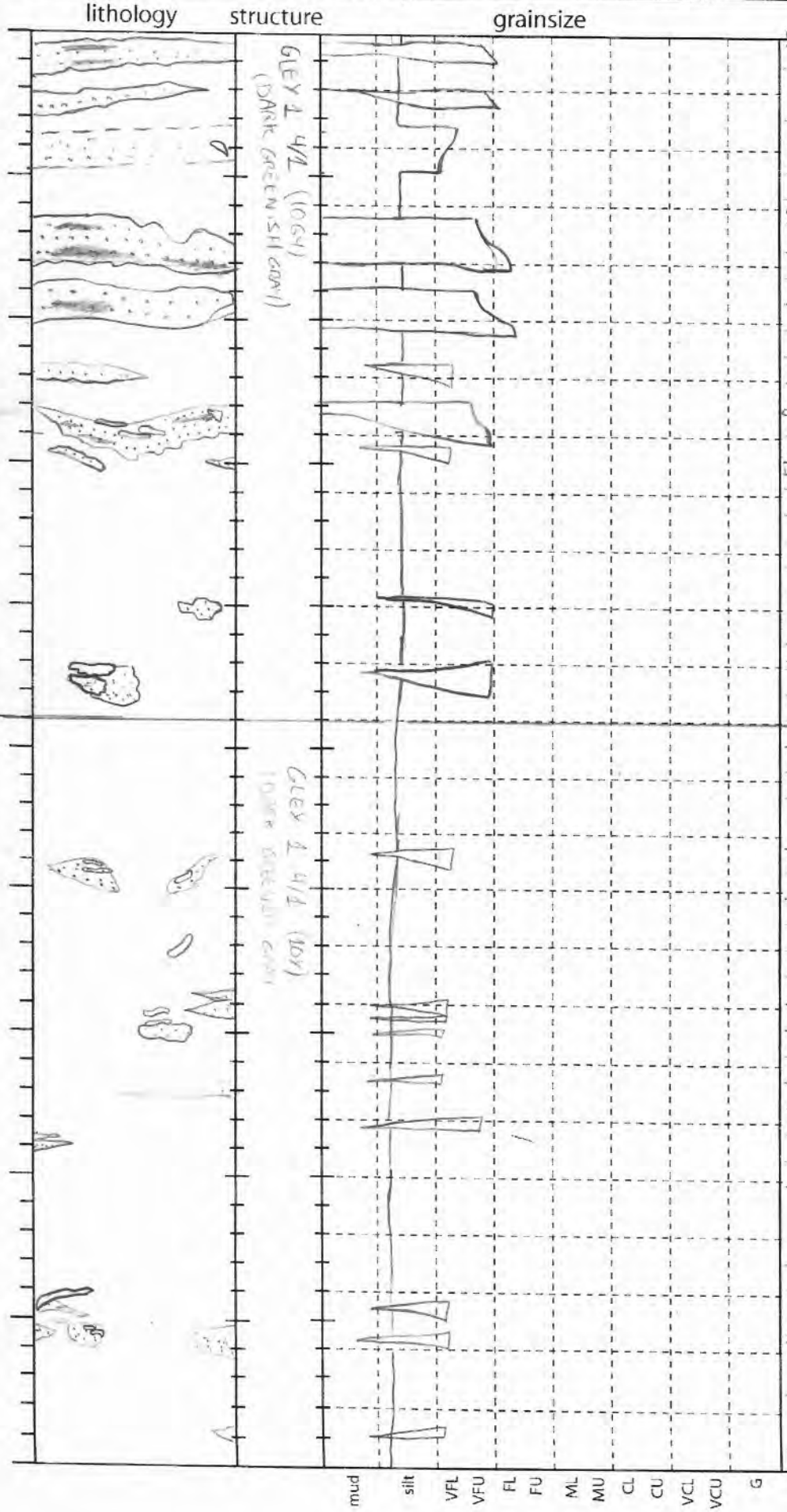
Date 16/05/07 Described by ZORAIDA Archive/Working



BOZ (BROWNISH OXIDATION ZONE)
BOL (BROWNISH OXIDATION LAYER)
BOLZ (BROWNISH OXIDATION LAYERING ZONE)
* COLOUR TRANSITIONAL ZONE: MAYBE IT COULD BE PRODUCED BY THE OXIDATION AND IN FACT IS THE SAME COLOUR (BOZ?)
5-9 CM: BOLZ
10'5 CM: BOL
1/2/4 CM: V.F SAND BALLS/LAYERS RELICTS?
14-15 CM: BLACK SPOTS (PEAT?)
15-16 CM: BOZ
16-18 CM: BOLZ
17-19 CM: VERY FINE SAND BALLS/LAYERS RELICTS?
18 CM: SHORT DARK LAYER (PEAT?)
20-23 CM: BOZ
21'5 CM: BOL
24 CM: BOL
24-26 CM: LENTS OF VFSANDS OR LAYERS RELICTS
27 CM: DARK LAYER
26-27 CM: BOZ
28'5-31'5 CM: BOZ
33-35 CM. VF SAND BALLS/LAYERS RELICTS?
33'5-34'5 CM: BOZ
31 CM: SHORT BLACK LAYER
34 CM: " "
34-42 CM: BOZ
39-41 CM: BLACK SPOTS (PEAT?)
40 CM: VFSL SAND LAYER WITH IRREGULARS BOUNDARIES
43-45 CM. BLACK SPOTS (PEAT?)
46-49 CM: BOZ

CORE LOG Core No. RR0705-32GC Section No. 1-2 sheet 2 of 4

Date 18-V-07 Described by ORIOL Archive/Working A



50-53cm: FLSL WITH IRREGULAR DEFINITED BOUNDARIES & SOME BLACK MICAS ACUM LAYERS

54cm: VFLSL → DIFUSED BOUNDARIES CRACK

56-60cm: FLSL → DEFINITED BOUNDARIES; BLACK MICAS ACUMULATIONS; LIQUEFACTION?

63-64cm: VFUSL → IRREGULAR DEFINITED BOUNDARIES; CRACKS; BLACK MICAS ACUM

70cm: VFUS → WHITE MICAS

72-73cm: VFUS → CRACKS

79cm: VFLS → CRACKS INSIDE

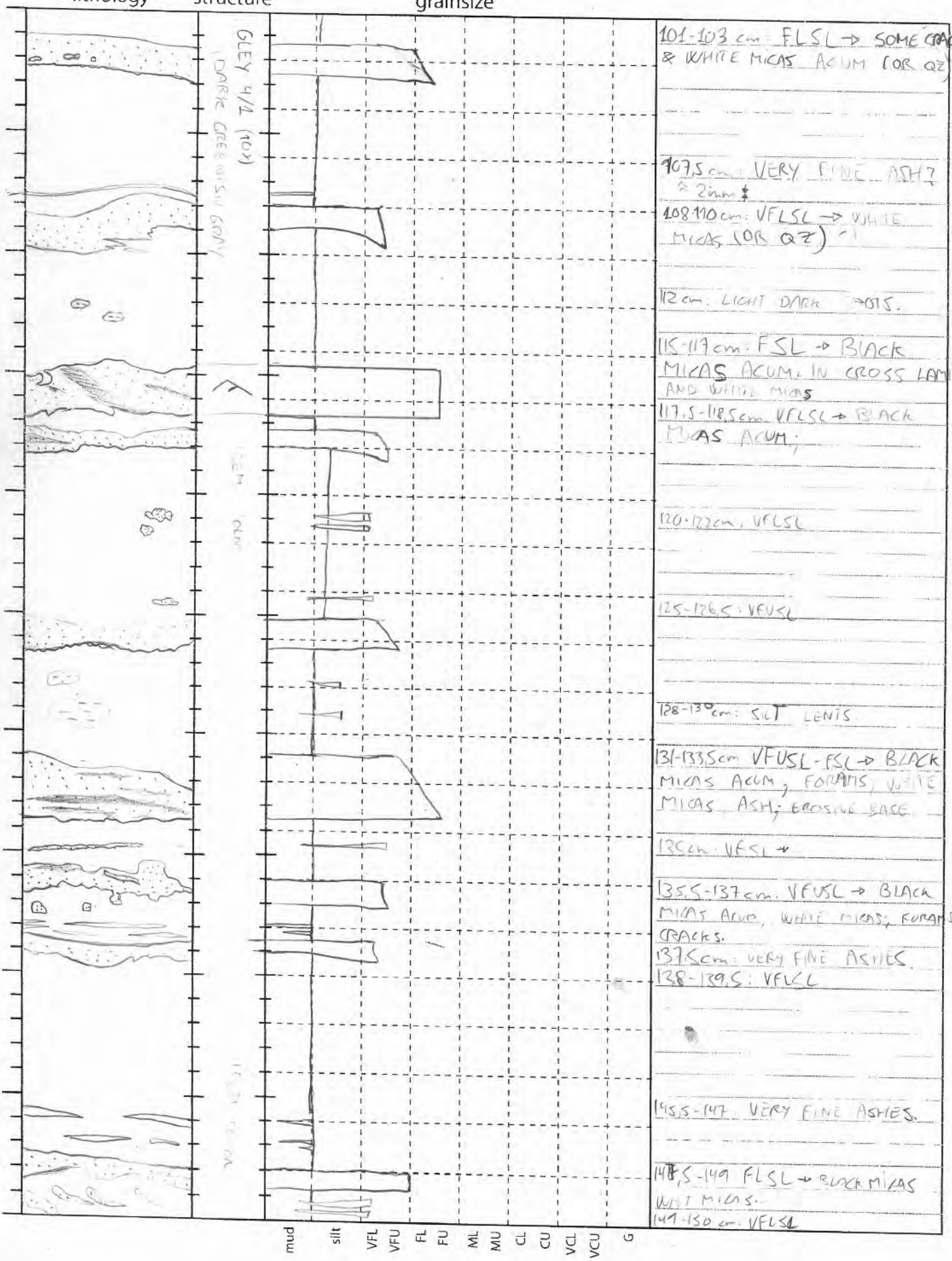
89cm: VFUS → WHITE MICAS

96cm VFLS → WHITE MICAS

SECTION 1 (0-74cm) ↑ ↓ SECTION 2 (74-181.6 cm)

CORE LOG Core No. RR0705-32GC Section No. 2 sheet 3 of 4

Date 18-IV-07 Described by ORIOL KARGOL Archive/Working A



101-103 cm: FLSL → SOME CRACKS; & WHITE MICAS ACUM (OR QZ ?)

107.5 cm: VERY FINE ASH? ≈ 2mm ↕

108-110 cm: VFLSL → WHITE MICAS (OR QZ) ?

112 cm: LIGHT DARK → OTS.

115-119 cm: FSL → BLACK MICAS ACUM. IN CROSS LAMINATION AND WHITE MICAS

117.5-118.5 cm: VFLSL → BLACK MICAS ACUM;

120-122 cm: VFLSL

125-126.5 cm: VFLSL

128-130 cm: SILT LENTS

131-133.5 cm VFLSL-FSL → BLACK MICAS ACUM, FORAMS, WHITE MICAS, ASH; EROSIVE BASE

135 cm: VFSL →

135.5-137 cm: VFLSL → BLACK MICAS ACUM, WHITE MICAS, FORAMS, CRACKS.

137 cm: VERY FINE ASHES

138-139.5: VFLSL

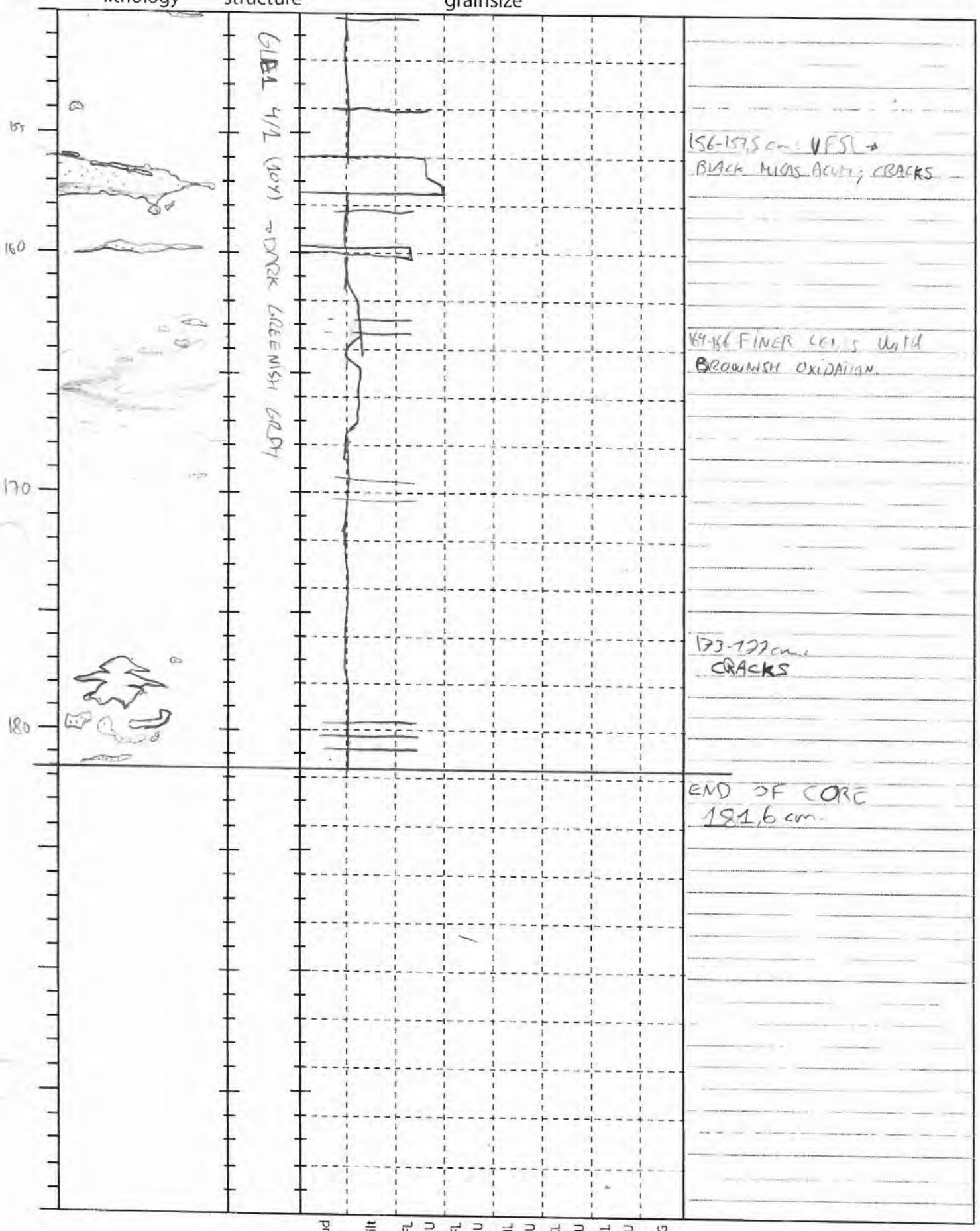
145.5-147: VERY FINE ASHES.

148.5-149 FLSL → BLACK MICAS WHITE MICAS.

147-150 cm: VFLSL

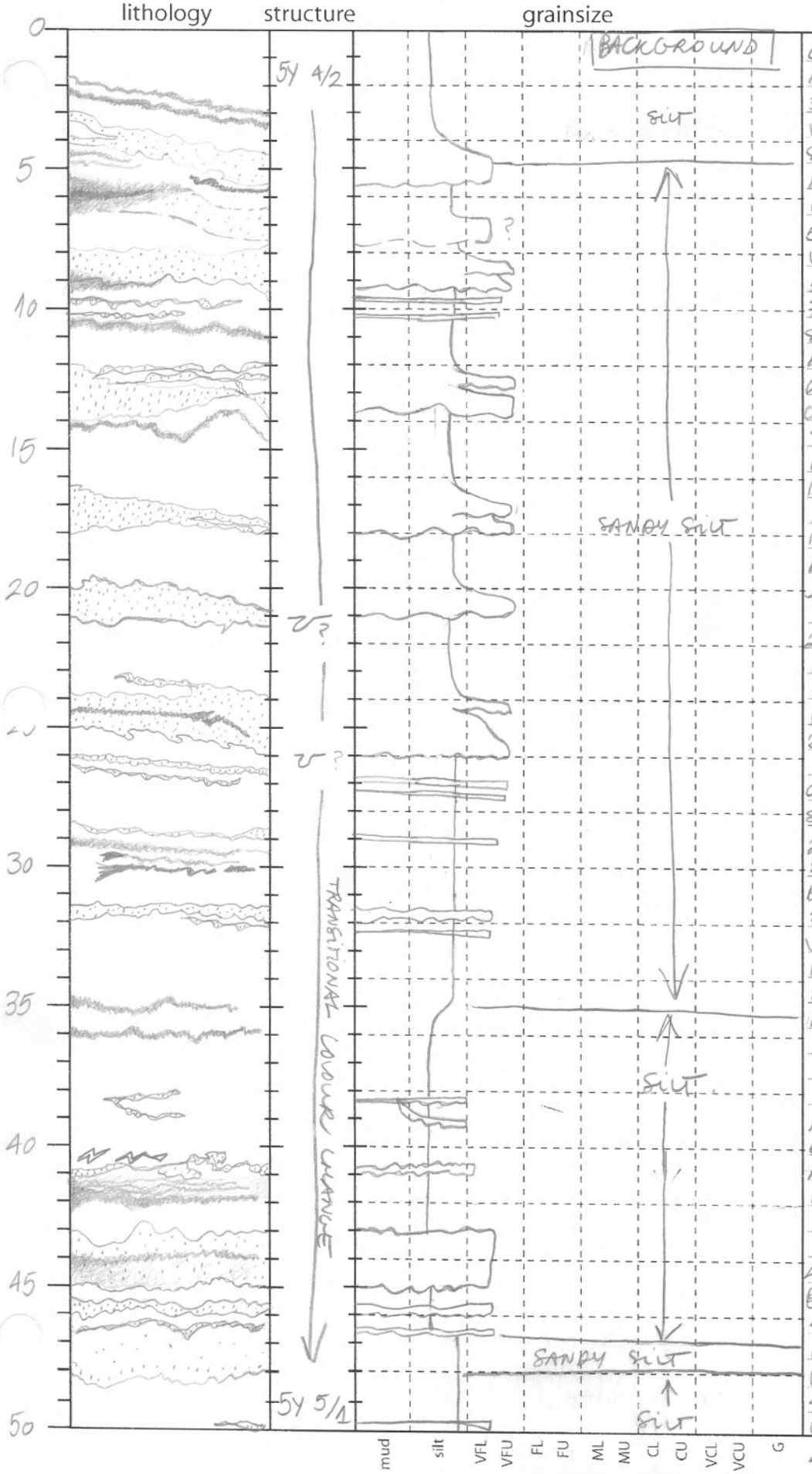
CORE LOG Core No. RR0705-32GC Section No. 2 sheet 4 of 4

Date 18-V-2007 Described by ORIOL Archive/Working A



CORE LOG Core No. RR070534 GC1 Section No. SEC1 (0-81 CM.) sheet 1 of 2

Date 19/05/07 Described by ZORAIDA Archive/Working



0-4'5 CM: BLACKGROUND COMPOSED BY FINE SILT.

3-4 CM: VERY FINE SAND LAYER WITH IRREGULAR LIMITS AND A SILT VENT INTO IT (PERHAPS INCLUDED DURING CORE EXTRATION).

1'5 - 2'5 CM: BROWNISH OXIDATION LAYERS

5-6'5 CM: DIFFUSE SAND LAYER WITH BROWNISH OXIDATION.

5'5 CM: BROWNISH OXIDATION LAYER

7'7 - 9'5 CM: VERY FINE (UPPER) SAND LAYER WITH GRAINSIZE DECRESING IN THE CENTRAL PART OF THE BODY AND A LITLE BROWNISH OXIDATION ZONE IN THE BOTTOM OF THE LAYER, WITH A IRREGULAR BOUNDARIES

10'5 - 11 CM: BROWNISH OXIDATION LAYER

12-14 CM: V.F SAND LAYER WITH VERY IRREGULARS LIMITS AND GRAINSIZE DECRESING ZONES IN THE UPPER PART OF THE BODY.

14 CM: BROWNISH OXIDATION LAYER

20 - 21 CM: V.F SAND LAYER WITH IRREGULAR BOUNDARIES AND MAYBE FLUTE LOAD STRUCTURES IN THE LOWER LIMIT

23 - 26 CM: V.F SAND LAYER WITH IRREGULAR BOUNDARIES AND A BROWNISH OXIDATION LAYER, FLUTE LOAD STRUCTURES.

26-28'5 CM: V.F SAND LAYERS

29-30'5 CM: BROWNISH AND DARK OXIDATION LAYERS.

31'5-32 CM: V.F SAND LAYER WITH A BOUNDINAGED SHAPE, IRREGULAR BOUNDARIES

35 CM: CLEAR BLACKGROUND GRAINSIZE CHANGE FROM SANDY SILT TO SILT IN A IRREGULAR LIMIT.

43-45 CM: V.F SAND LAYER WITH A IRREGULARS BOUNDARIES, EROSIONAL BOTTOM BOUNDARY? AND WITH A BROWNISH OXIDATION LAYER IN THE LOW HALF OF THE BOBY (COLOUR DECRESING FROM MIDDLE TO BOTTOM)

46'5 CM: V.F SAND LAYER WITH BROWNISH OXIDATION

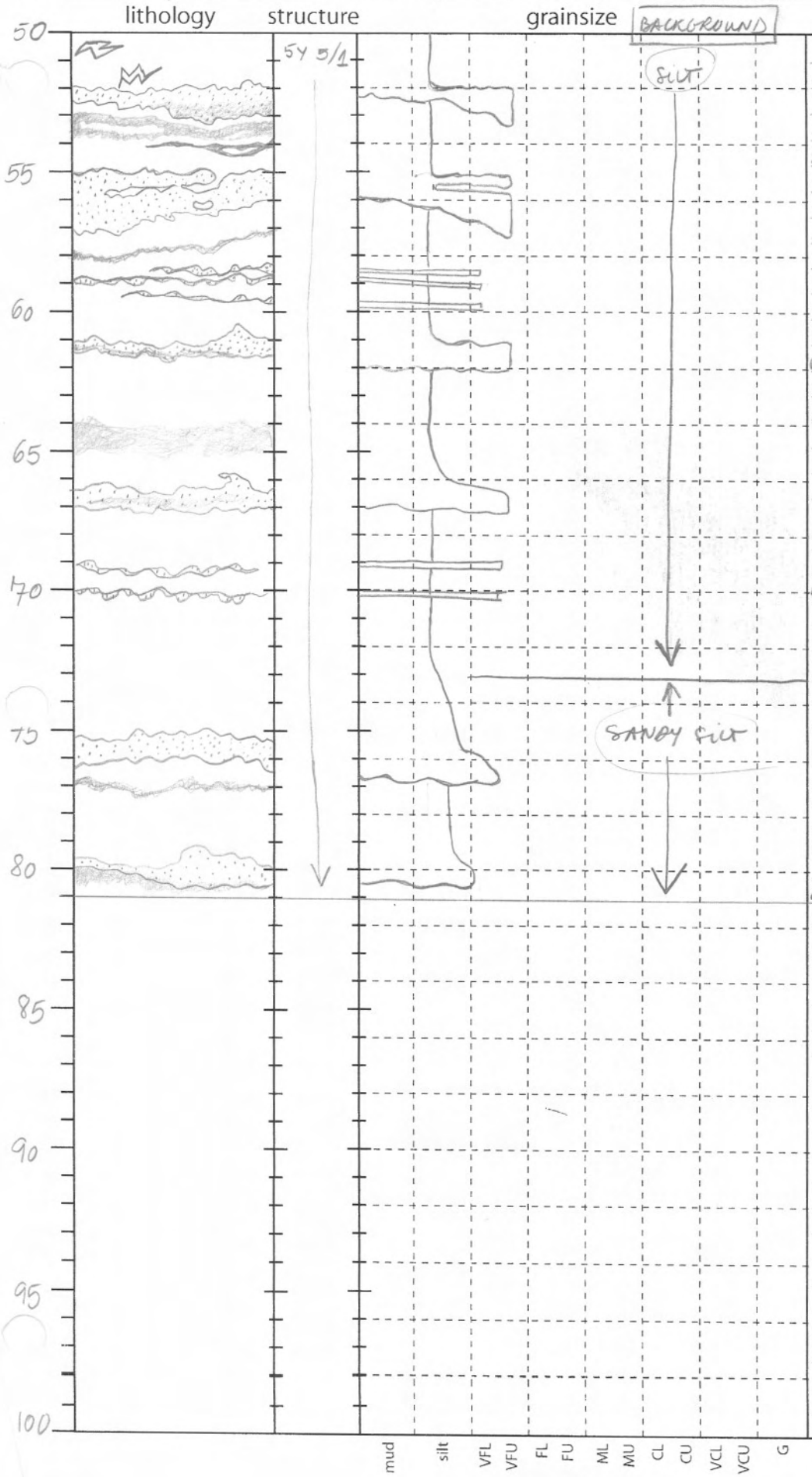
46 CM: BACKGROUND GRAINSIZE CHANGE WITH A IRREGULAR LIMIT.

48 CM: BACKGROUND GRAINSIZE CHANGE

40'5 CM: CRACKS.

CORE LOG Core No. RR0705-34GC Section No. SEC 1 sheet 2 of 2

Date 19/05/07. Described by ZORAIDA. Archive/Working



52 - 53 CM: V.F SAND LAYER WITH IRREGULARS BOUNDARIES AND BROWNISH OXIDATION IN THE LOWER PART OF THE SAND BODY.

53 - 54 CM.: BROWNISH OXIDATION LAYERS.

54 CM: BLACK LAYER.

55 - 57 CM: V.F. SAND LAYER WITH IRREGULAR BOUNDARIES AND SILT LAYER INTERFINGERING

58 CM: BROWNISH OXIDATION LAYER

61 - 61'5 CM: V.F. SAND LAYER WITH IRREGULARS BOUNDARIES AND BROWNISH OXIDATION ON THE BOTTOM.

64 - 65 CM: LIGHT BROWNISH OXIDATION LAYER

66'5 - 67 CM: V.F SAND LAYER WITH IRREGULARS BOUNDARIES AND LIGHT BROWNISH OXIDATION LAYER

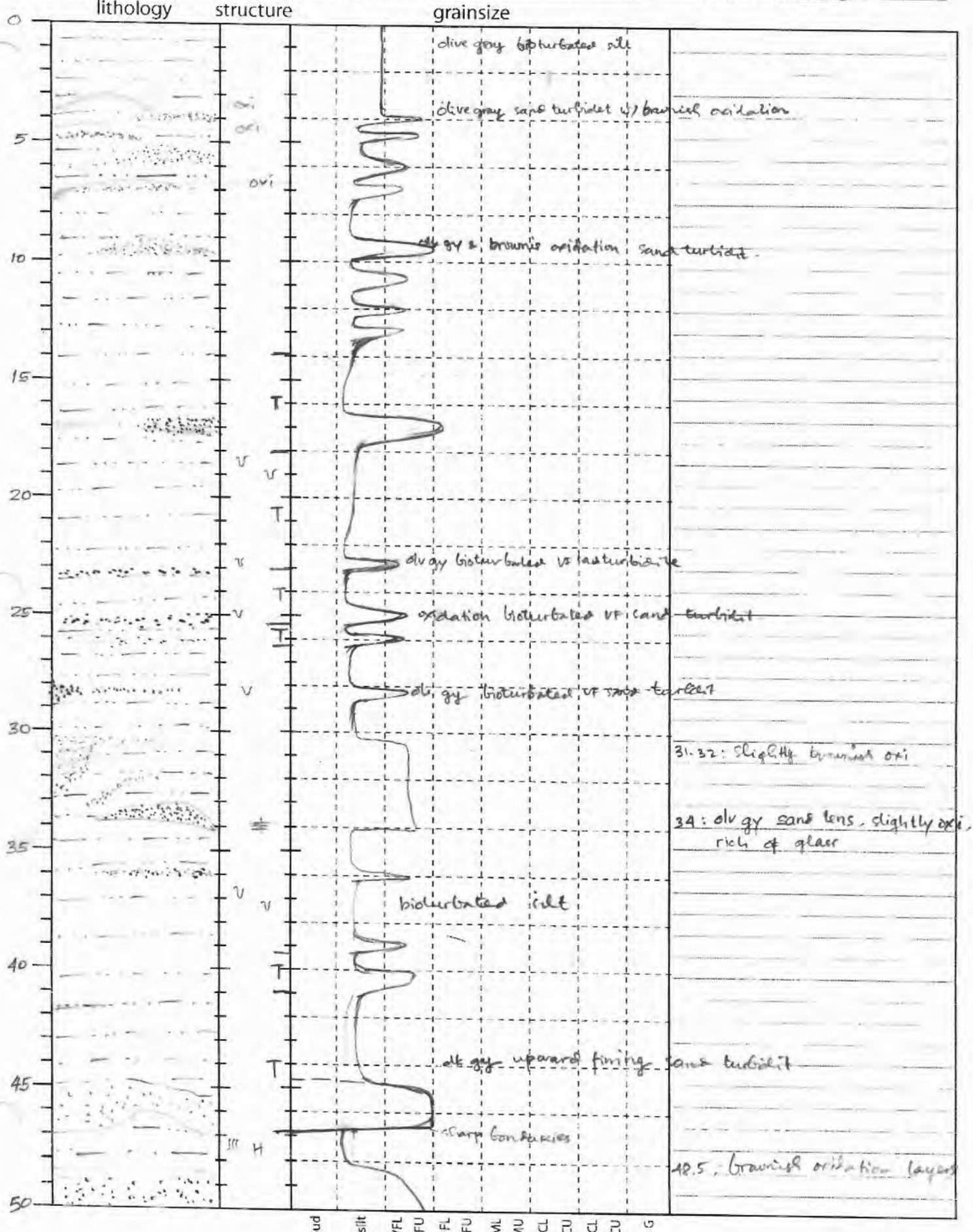
51 CM: CRACKS

79 - 80'5 CM: VERY FINE SAND LAYER WITH IRREGULARS BOUNDARIES AND BROWNISH OXIDATION LAYER IN THE BOTTOM

END OF THE CORE (81 CM).

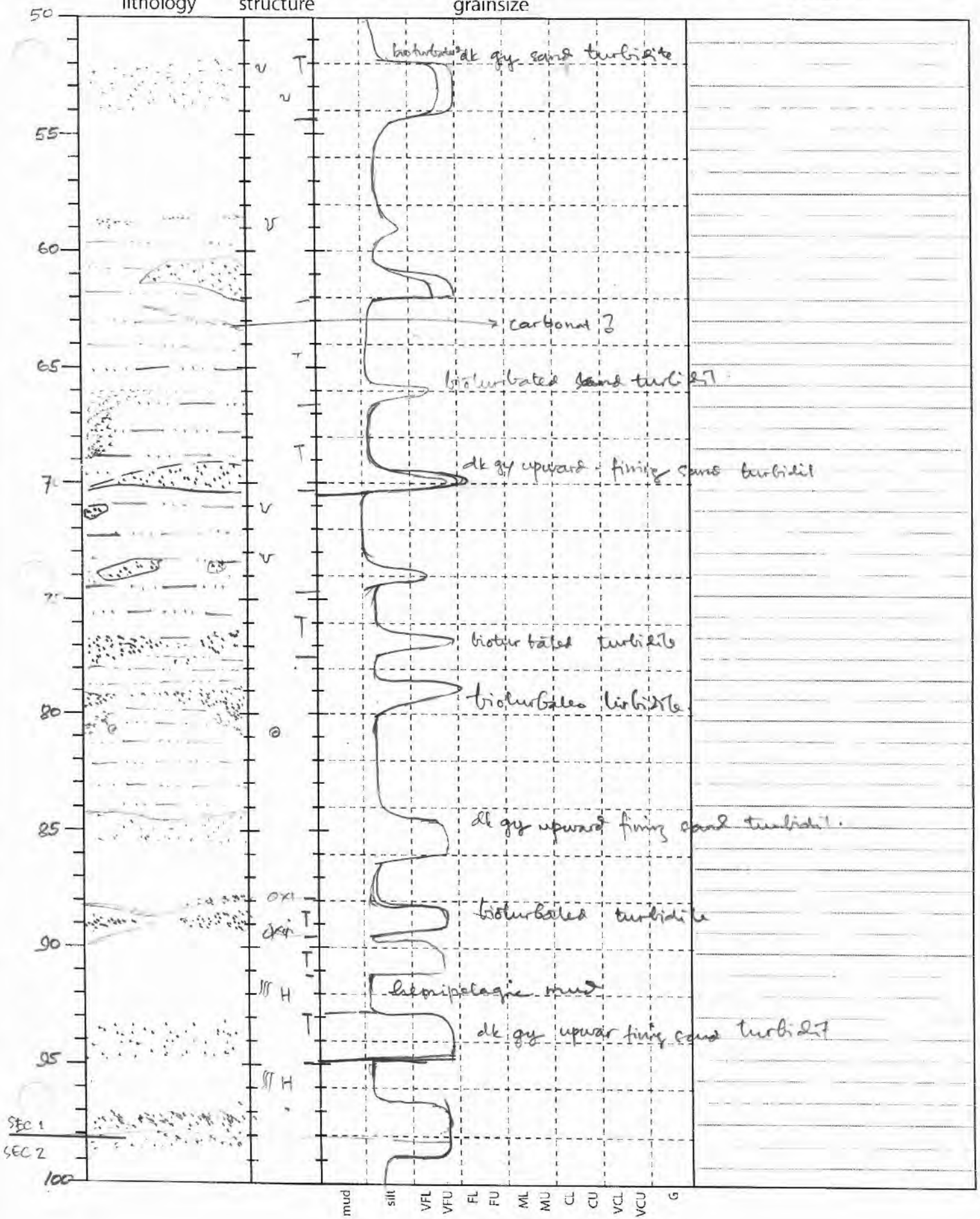
CORE LOG Core No. RR0705 - 35GC Section No. 1 of 2 sheet 1 of 4

Date 19/05/07 Described by SAPTA Archive/Working



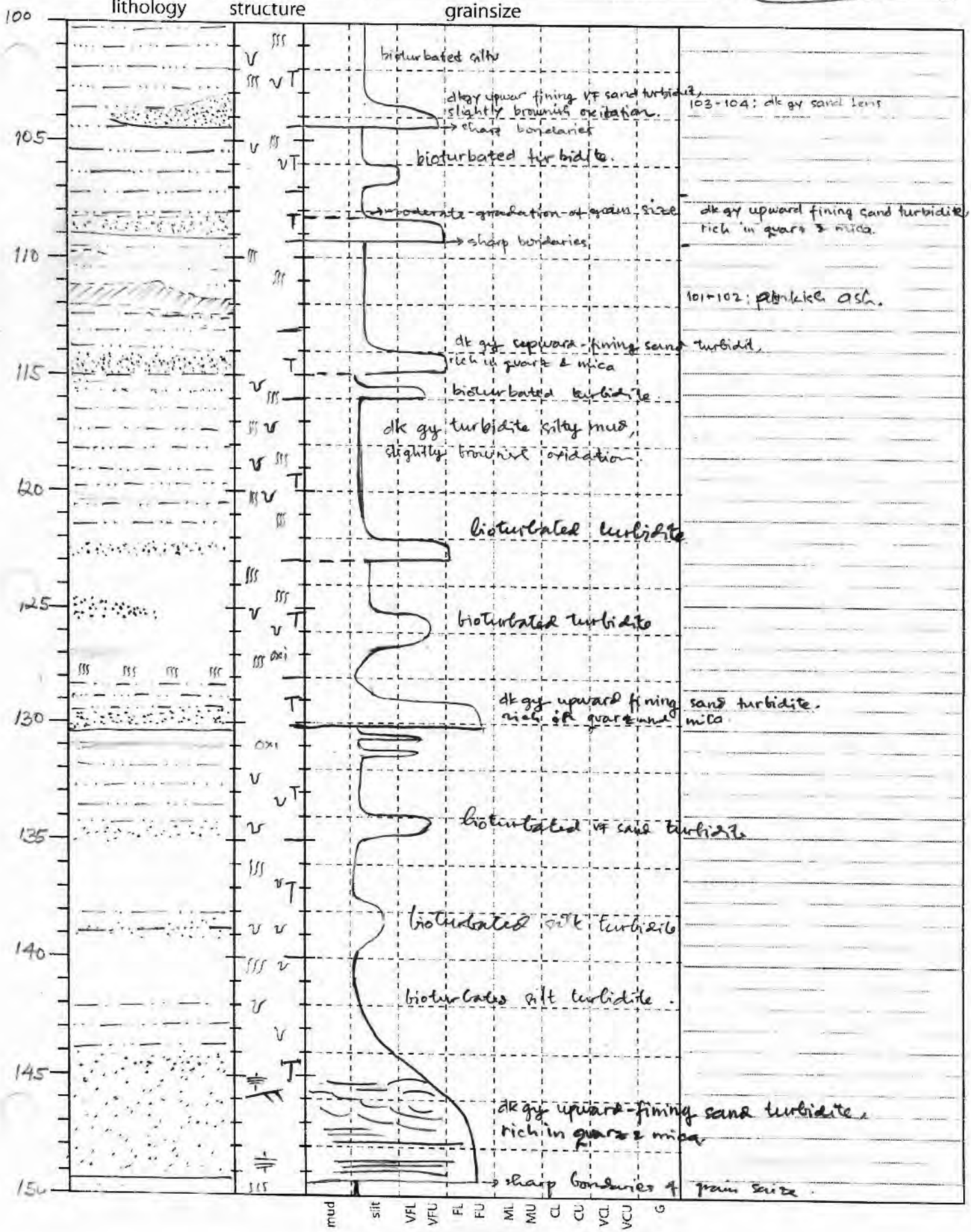
CORE LOG Core No. RR0705-35GC Section No. 1 of 2 sheet 2 of 4

Date 18 / 05 / 07 Described by SAPTA Archive/Working



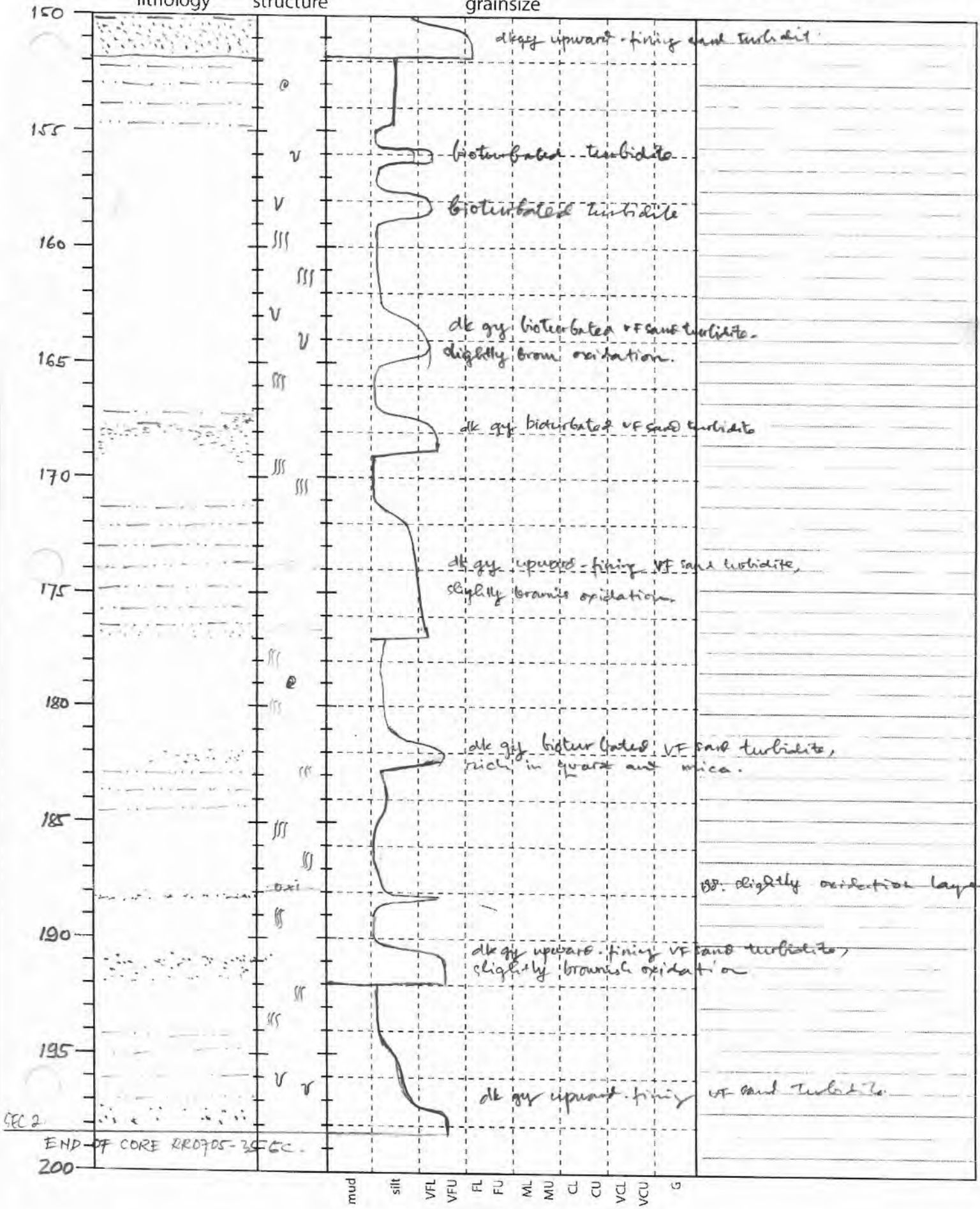
CORE LOG Core No. RR0705-35 GC Section No. 2 of 2 sheet 3 of 4

Date 19/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 35 GC Section No. 2 of 2 sheet 4 of 4

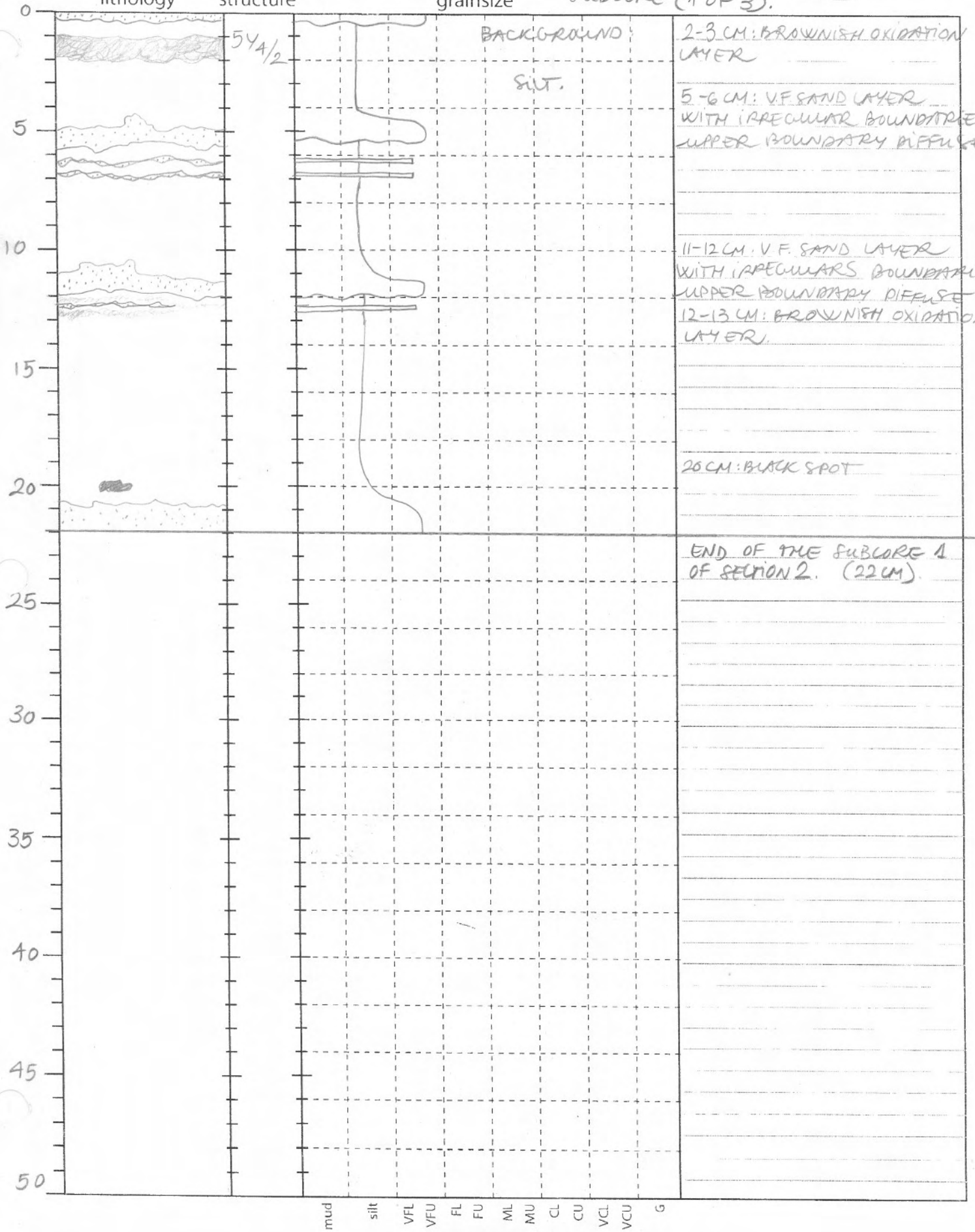
Date 19/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-36KG Section No. 2 (SUBCORE 1) sheet 1 of 3

Date 19/05/07 Described by ZORAIDA Archive/Working

SUBCORE (1 OF 3).



2-3 CM: BROWNISH OXIDATION LAYER

5-6 CM: V.F SAND LAYER WITH IRREGULAR BOUNDARIES UPPER BOUNDARY DIFFUSE

11-12 CM: V.F. SAND LAYER WITH IRREGULARS BOUNDARIES. UPPER BOUNDARY DIFFUSE

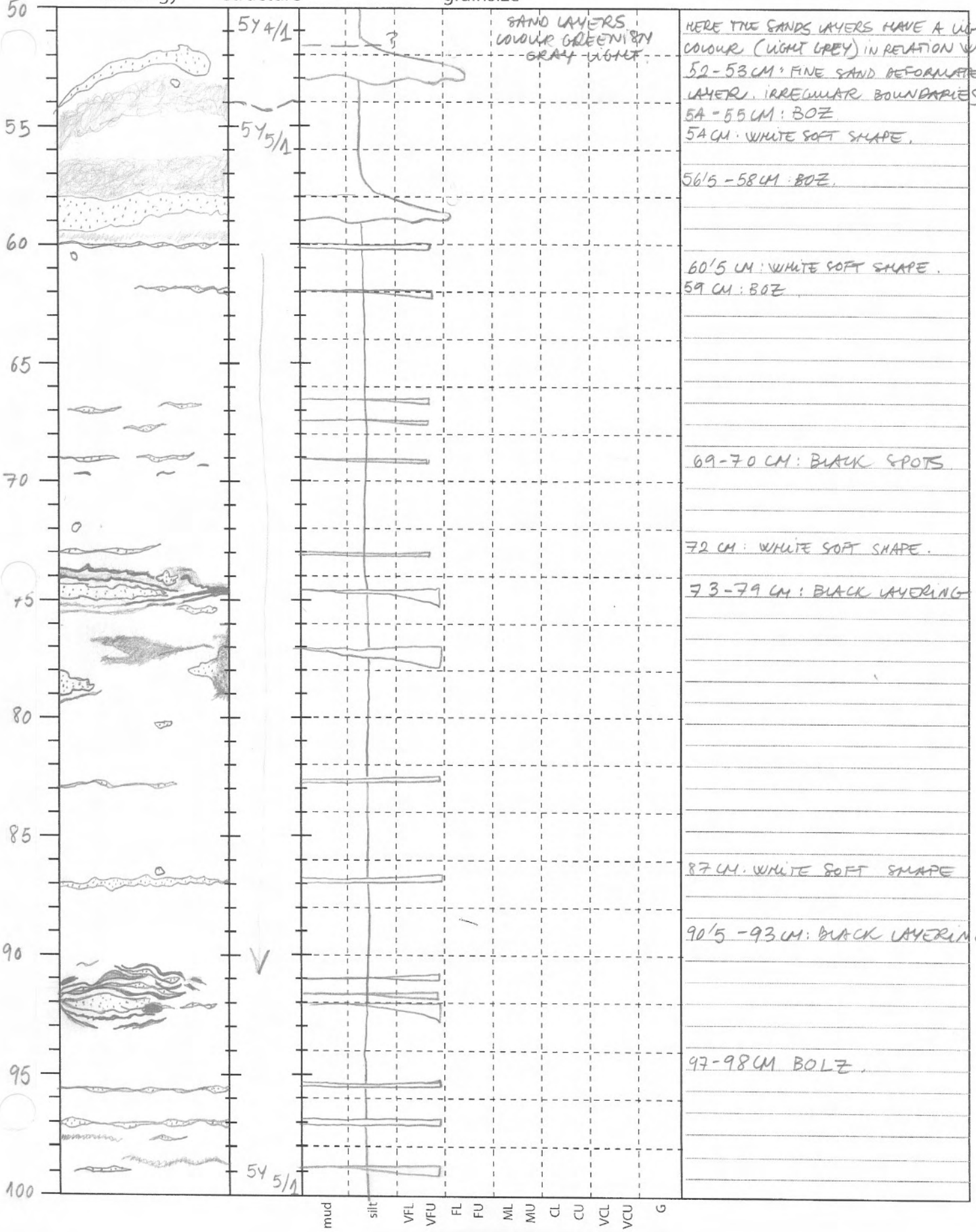
12-13 CM: BROWNISH OXIDATION LAYER.

20 CM: BLACK SPOT

END OF THE SUBCORE 1 OF SECTION 2. (22 CM).

CORE LOG Core No. RR0705-23 G-C Section No. 1 sheet 2 of 5

Date 16/05/07 Described by ZORAIDA Archive/Working



HERE THE SANDS LAYERS HAVE A LIGHT COLOUR (LIGHT GREY) IN RELATION WITH THE MATRIX.

52-53 CM: FINE SAND DEFORMATED LAYER. IRREGULAR BOUNDARIES

54-55 CM: BOZ

54 CM: WHITE SOFT SHAPE.

56'5 - 58 CM: BOZ.

60'5 CM: WHITE SOFT SHAPE.

59 CM: BOZ

69-70 CM: BLACK SPOTS

72 CM: WHITE SOFT SHAPE.

73-79 CM: BLACK LAYERING

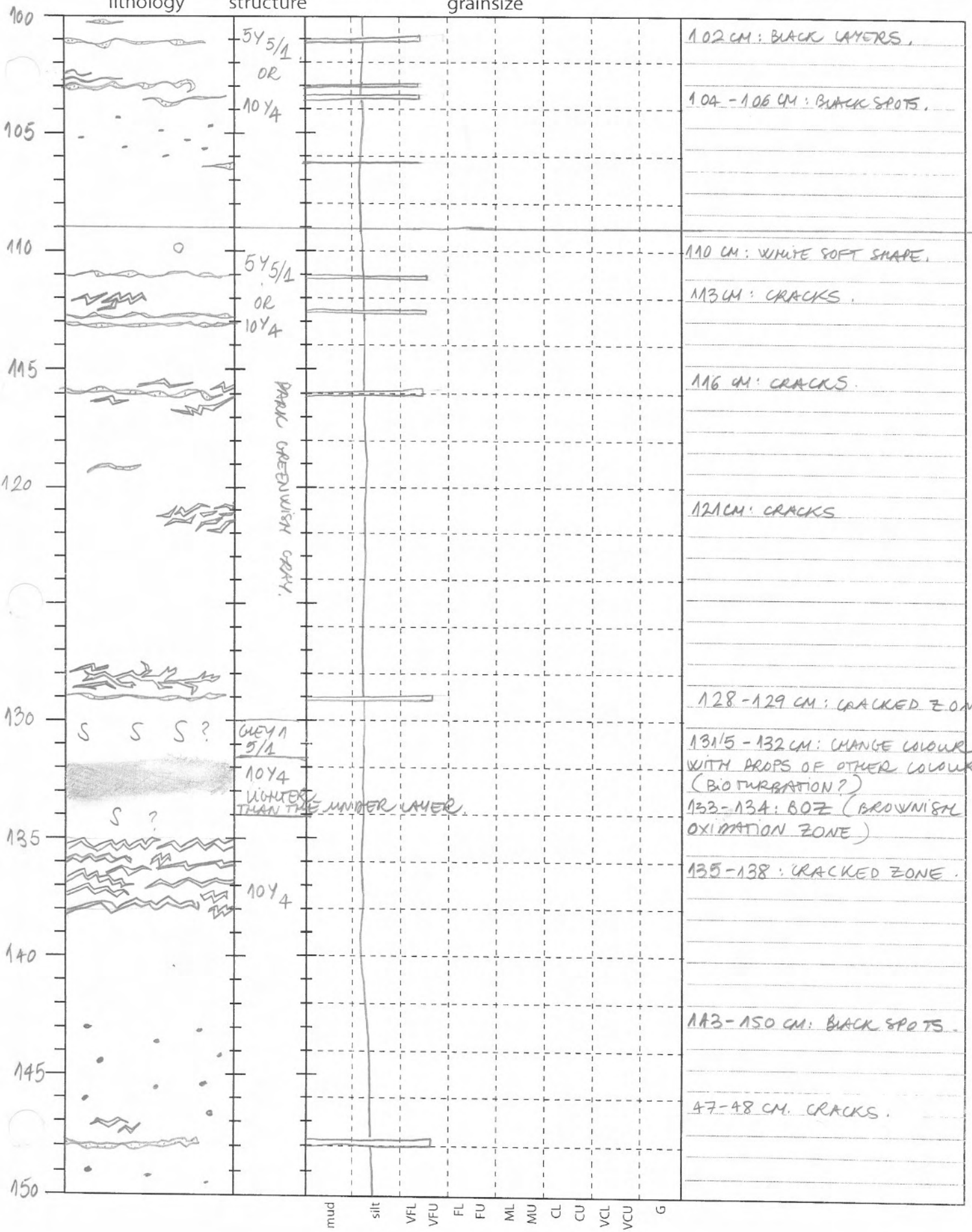
87 CM. WHITE SOFT SHAPE

90'5 - 93 CM: BLACK LAYERING

97-98 CM BOLZ.

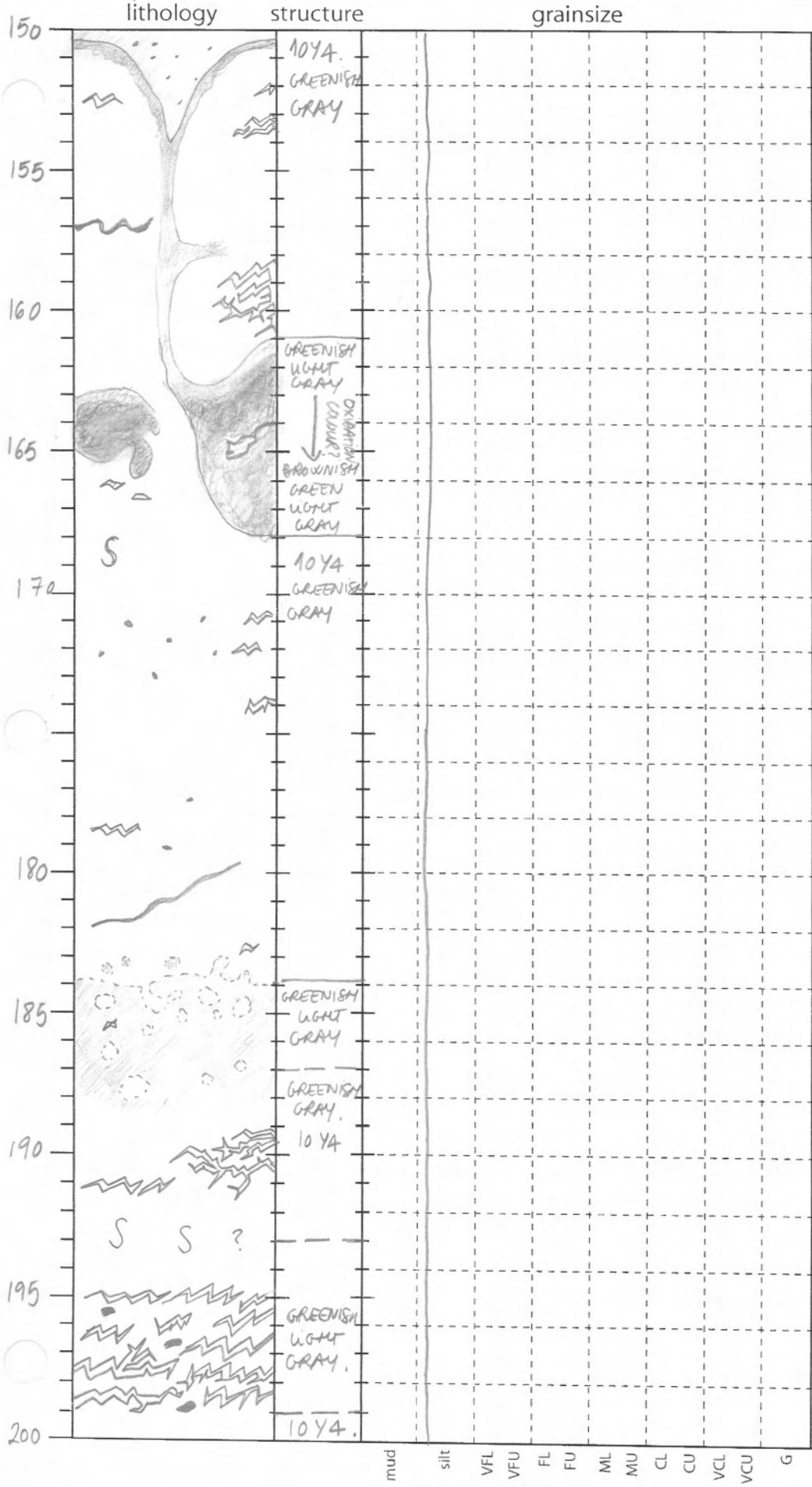
CORE LOG Core No. RR0705-23GC Section No. 1/2 sheet 3 of 5

Date 16/05/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-23GC Section No. 2 sheet 4 of 5

Date 16/05/07 Described by ZORAIDA Archive/Working



150-154 CM: DARKER WEDGE WITH DARK SPOTS.

152 CM: CRACK

153-154 CM: CRACKS.

157 CM: BROWNISH OXIDATION LAYER

158-161 CM: CRACKS.

164 CM: CRACKS.

166 CM: CRACKS.

ANNOTATION: THE FIG. FROM 150 CM TO 167 CM. REPRESENTS A COLOUR CHANGES

169 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

171-174 CM: CRACKS AND BLACK SPOTS.

178-179 CM: CRACKS

177-179 CM: BLACK SPOTS

180-182 CM: LIGHT BLACK LAYER.

183-187 CM: COLOUR CHANGE LAYER WITH DROPS. AND CRACKS.

189-191 CM: CRACKS.

192-195 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

195-198 CM: CRACKED ZONE WITH BLACK SPOTS.

CORE LOG Core No. RR05-23GC Section No. 2 sheet 5 of 5

Date 16/05/07 Described by ZORAIDA Archive/Working

lithology structure grainsize

200

205

210

S?

203-205 DROPPED COLOUR CHANGES (BIOTURBATION)

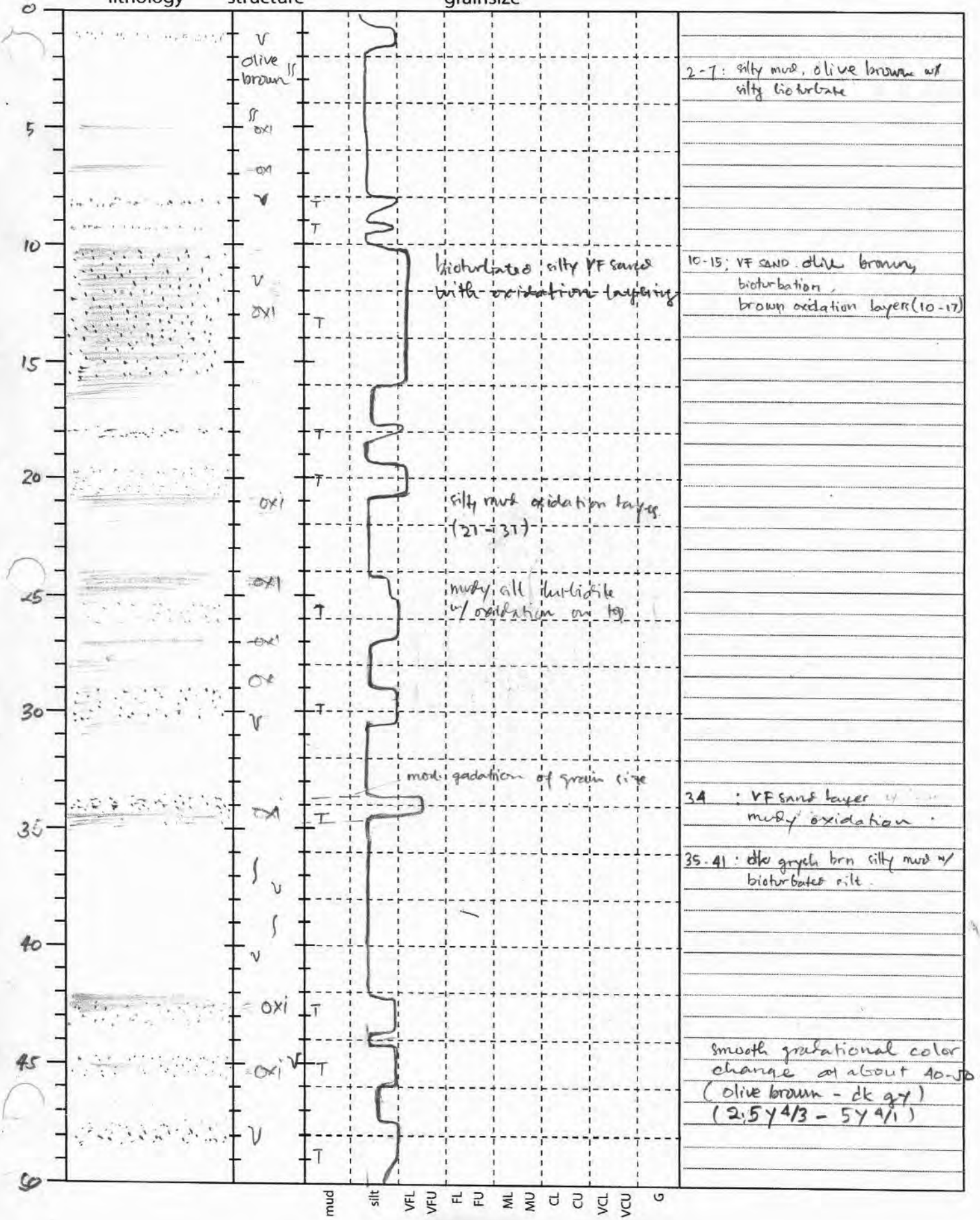
205-210 CM: CRACKED ZONE.

END OF THE SECTION 2.

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705 - 24GC Section No. 1 sheet 1 of 2

Date 16/05/07 Described by SAPTA Archive/Working



2-7: silty mud, olive brown w/ silty bioturbate

10-15: VF SAND olive brown, bioturbation, brown oxidation layer (10-17)

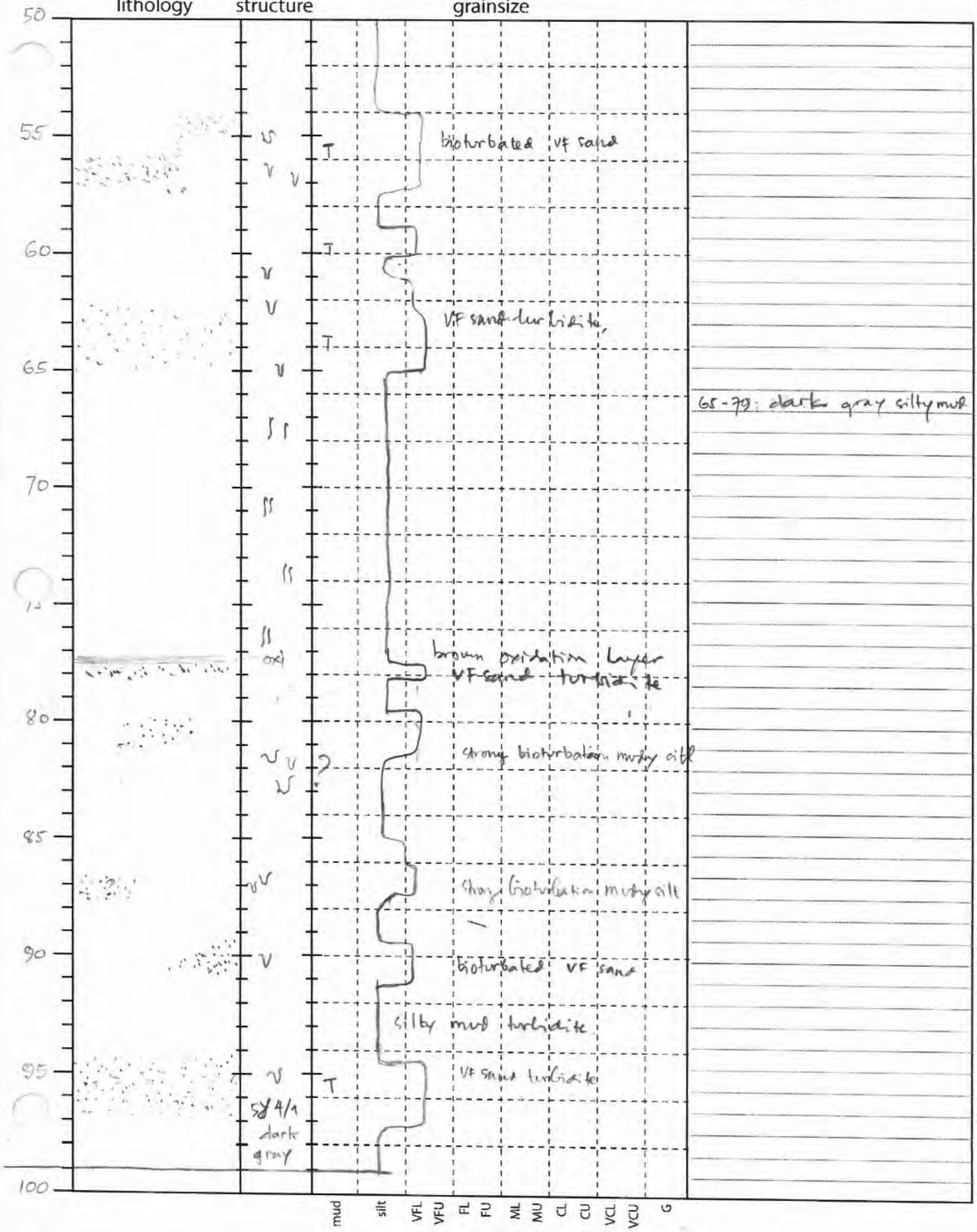
34: VF sand layer w/ muddy oxidation.

35-41: dk grych brn silty mud w/ bioturbated silt.

smooth gradational color change at about 40-50 cm (olive brown - dk gy) (2.5Y 4/3 - 5Y 4/1)

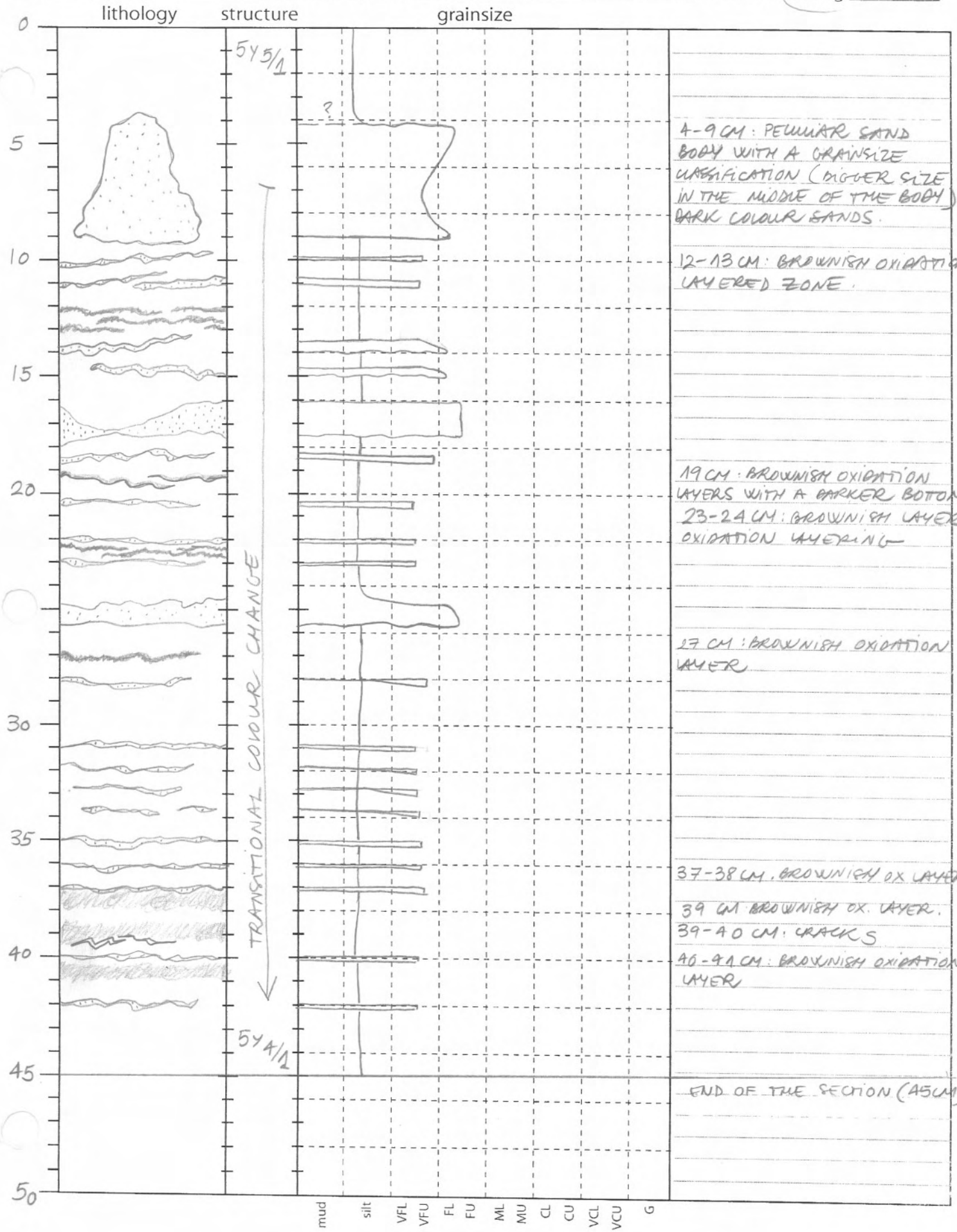
CORE LOG Core No. RR0705 - 24GC Section No. 1 sheet 2 of 2

Date 16 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-26GC Section No. 1 sheet 1 of 1

Date 16/05/07 Described by ZORMIDA Archive/Working



4-9 CM: PECULIAR SAND BODY WITH A GRAINSIZE CLASSIFICATION (BIGGER SIZE IN THE MIDDLE OF THE BODY) DARK COLOUR SANDS.

12-13 CM: BROWNISH OXIDATION LAYERED ZONE.

19 CM: BROWNISH OXIDATION LAYERS WITH A DARKER BOTTOM.

23-24 CM: BROWNISH LAYER OXIDATION LAYERING

27 CM: BROWNISH OXIDATION LAYER

37-38 CM. BROWNISH OX LAYER

39 CM BROWNISH OX. LAYER.

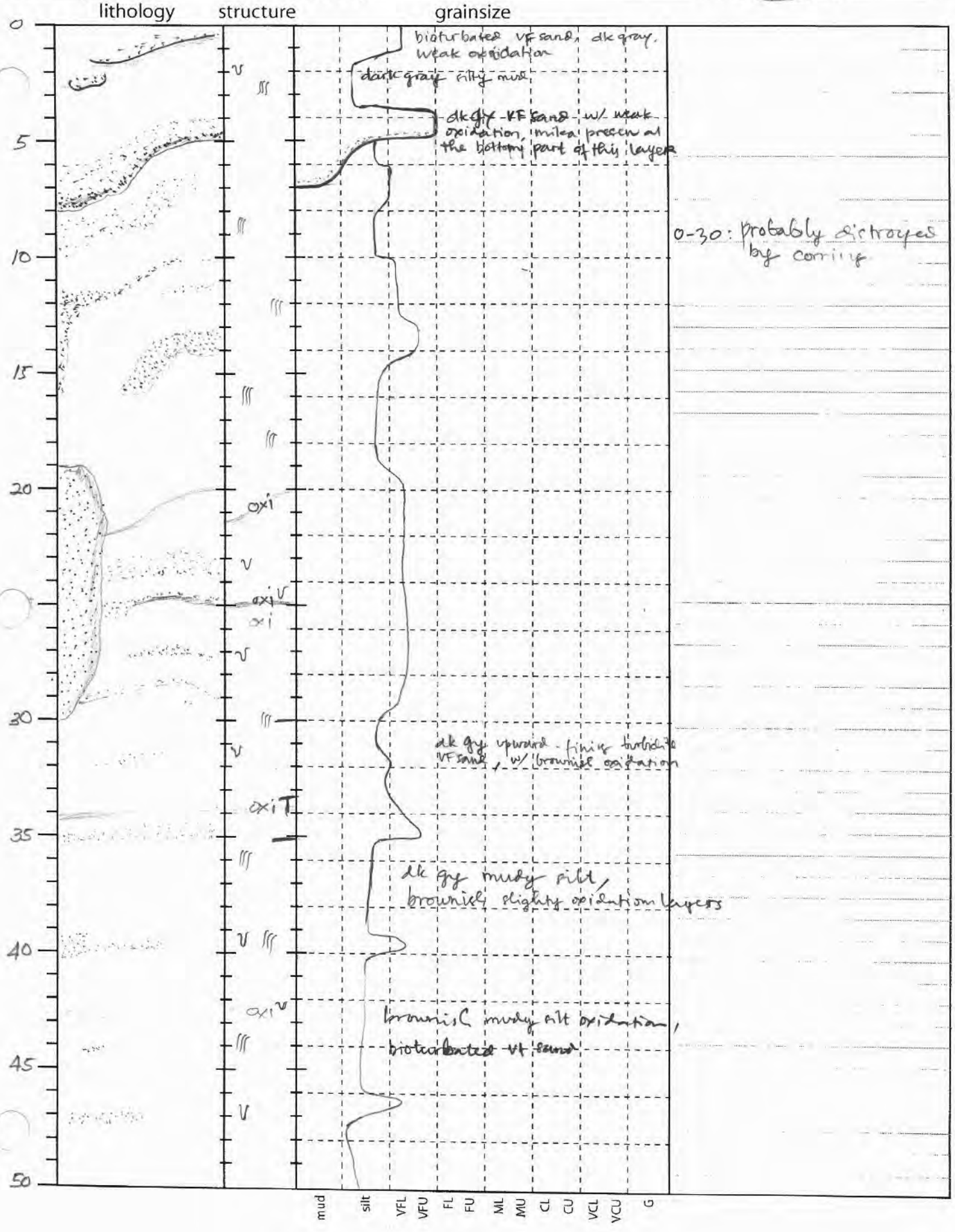
39-40 CM: CRACKS

46-44 CM: BROWNISH OXIDATION LAYER

END OF THE SECTION (45CM)

CORE LOG Core No. RR0705 - 27GC Section No. 1 of 2 sheet 1 of 5

Date 17/05/07 Described by SAPTA Archive/Working



bioturbated VF sand, dk gray, weak oxidation

dark gray silty mud

dk gy-lt KF sand w/ weak oxidation, mica present at the bottom part of this layer

0-30: probably destroyed by coring

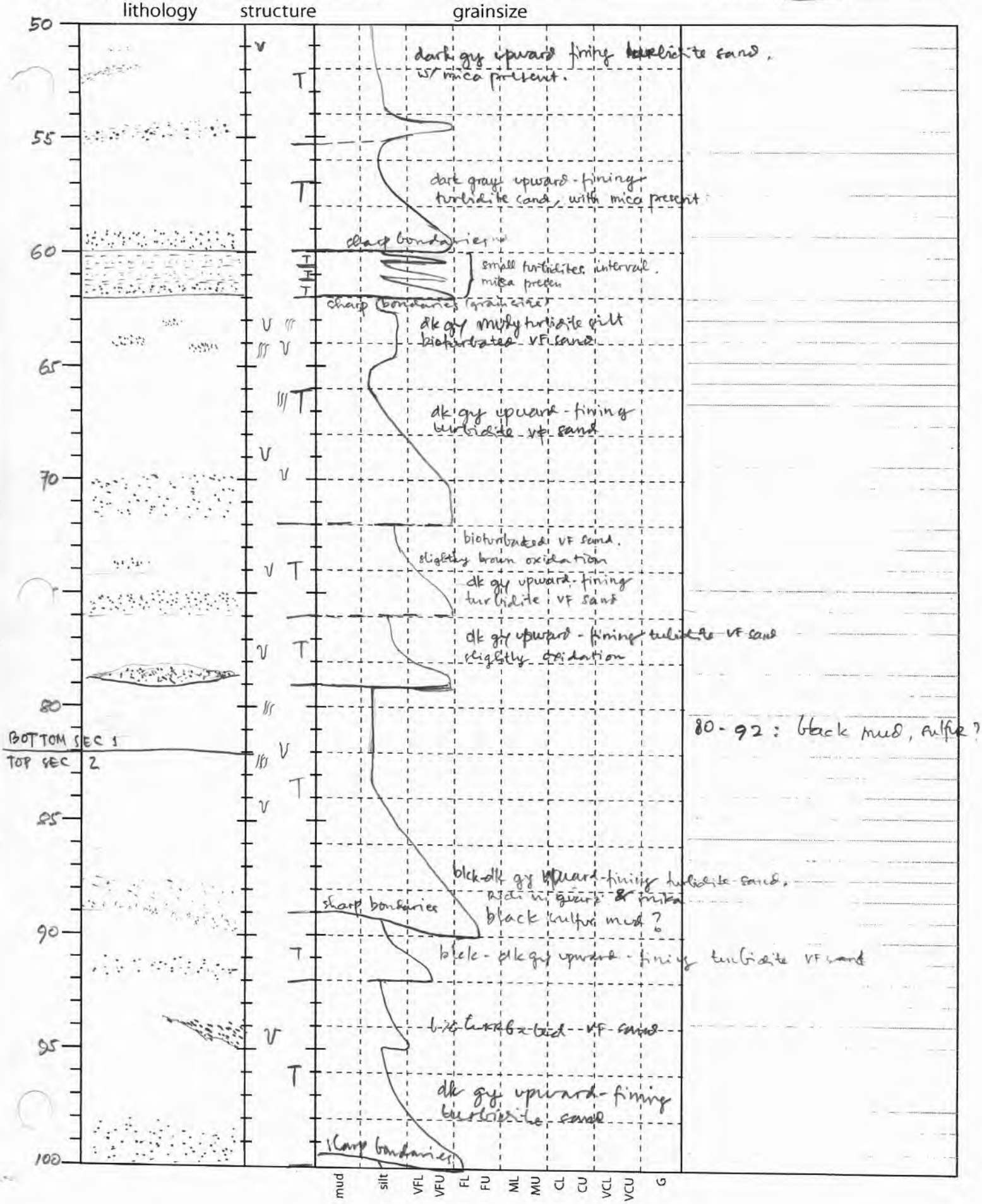
dk gy upward-fining turbidite VF sand, w/ brownish oxidation

dk gy muddy silt, brownish slightly oxidation layers

brownish muddy silt oxidation, bioturbated vf sand

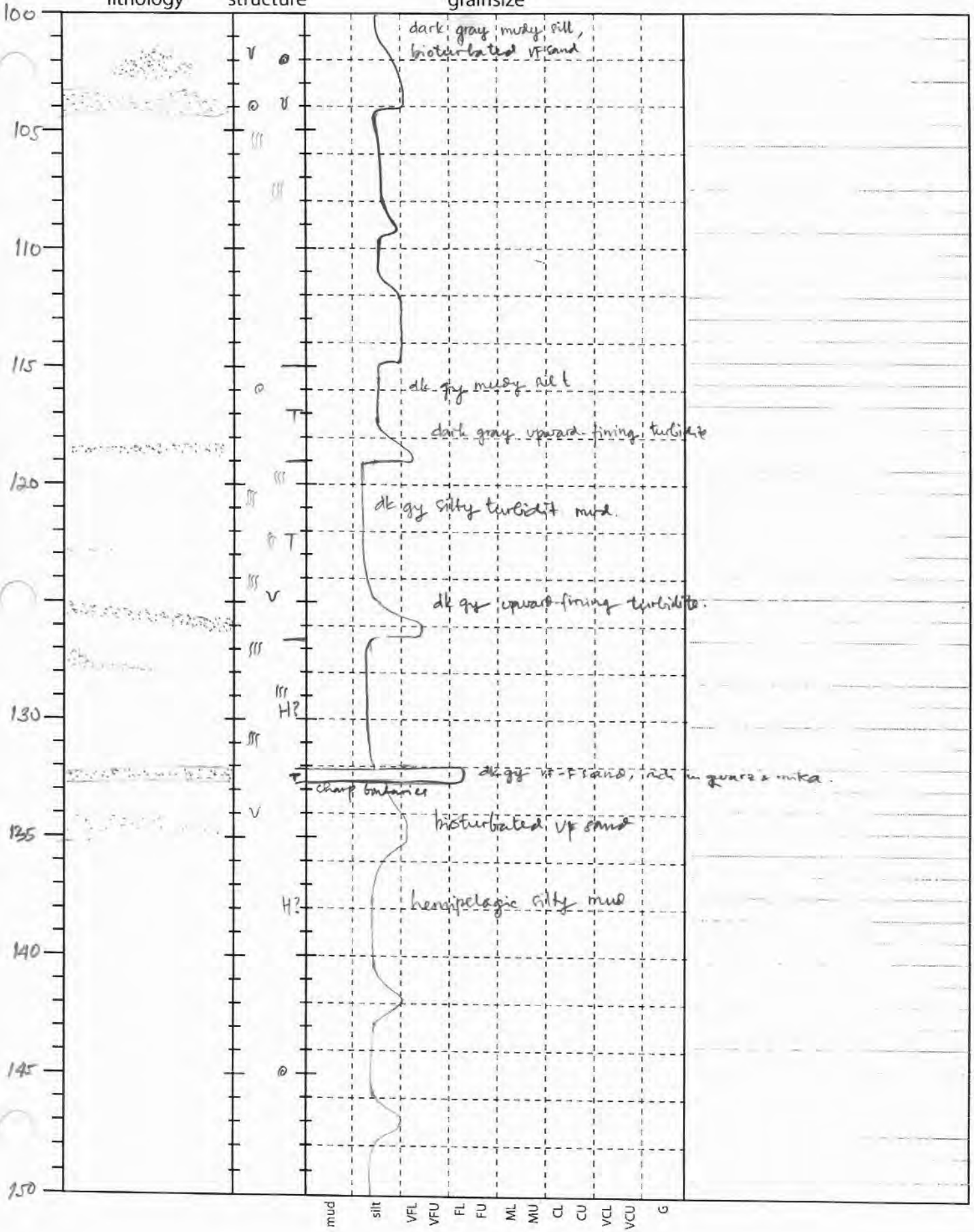
CORE LOG Core No. RR0705-27 GC Section No. 1 of 2 sheet 2 of 5

Date 17/05/07 Described by SAPTA Archive/Working



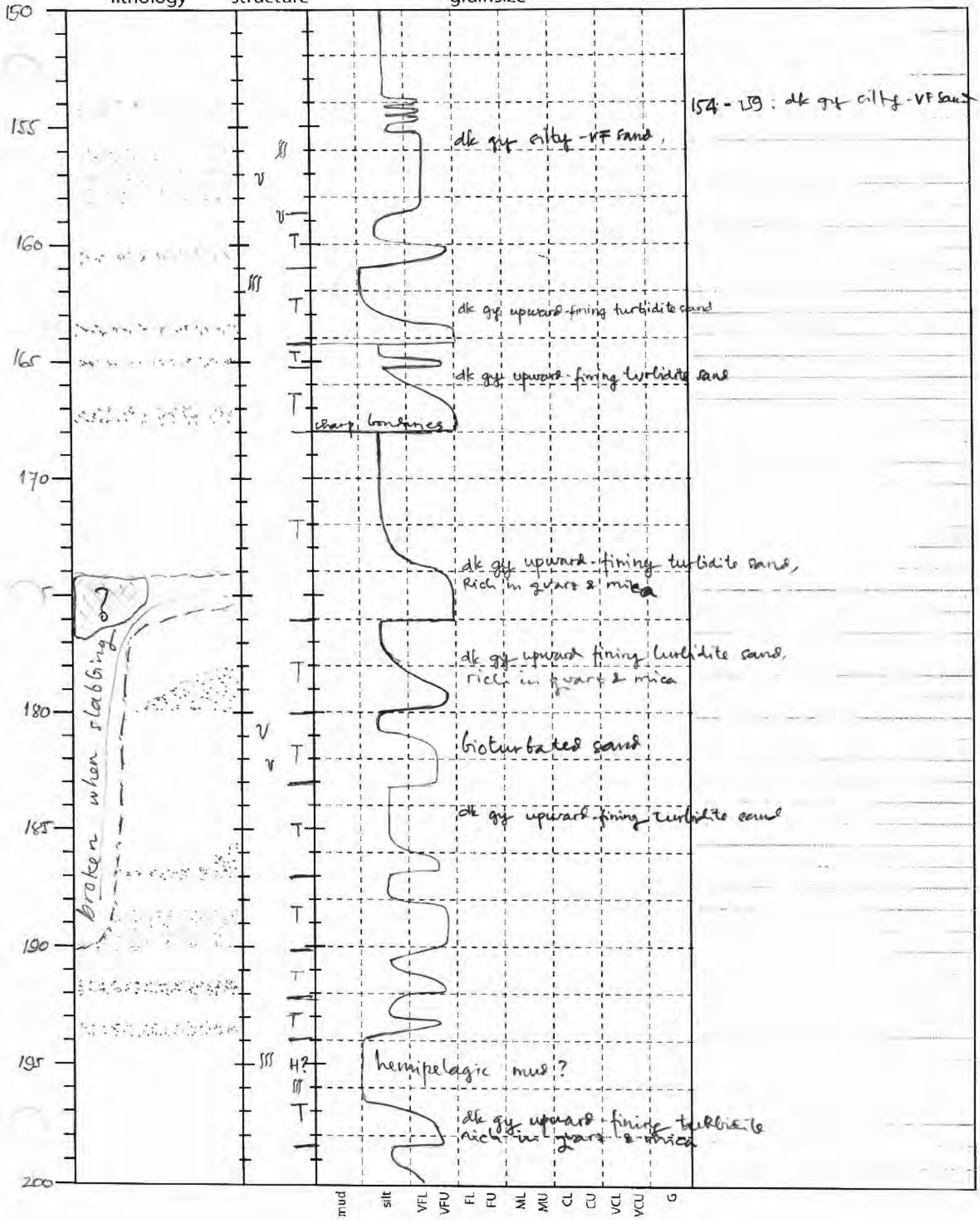
CORE LOG Core No. KR0705-27 6C Section No. _____ sheet 3 of 5

Date 17/05/07 Described by SAPTA Archive/Working



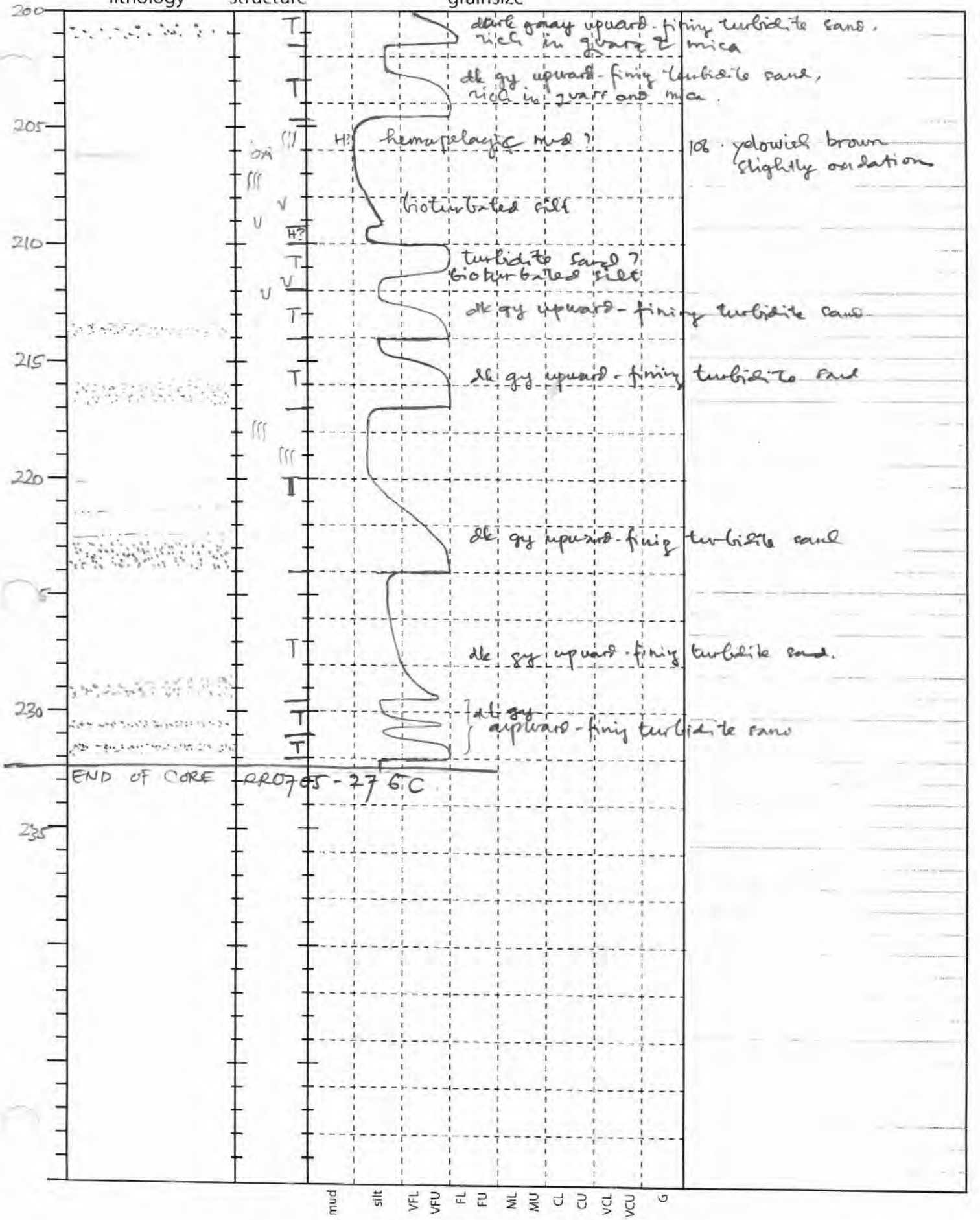
CORE LOG Core No. RRC 05 - 27 GC Section No. 2 sheet 4 of 5

Date 17 / 05 / 07 Described by SAPTA Archive/Working



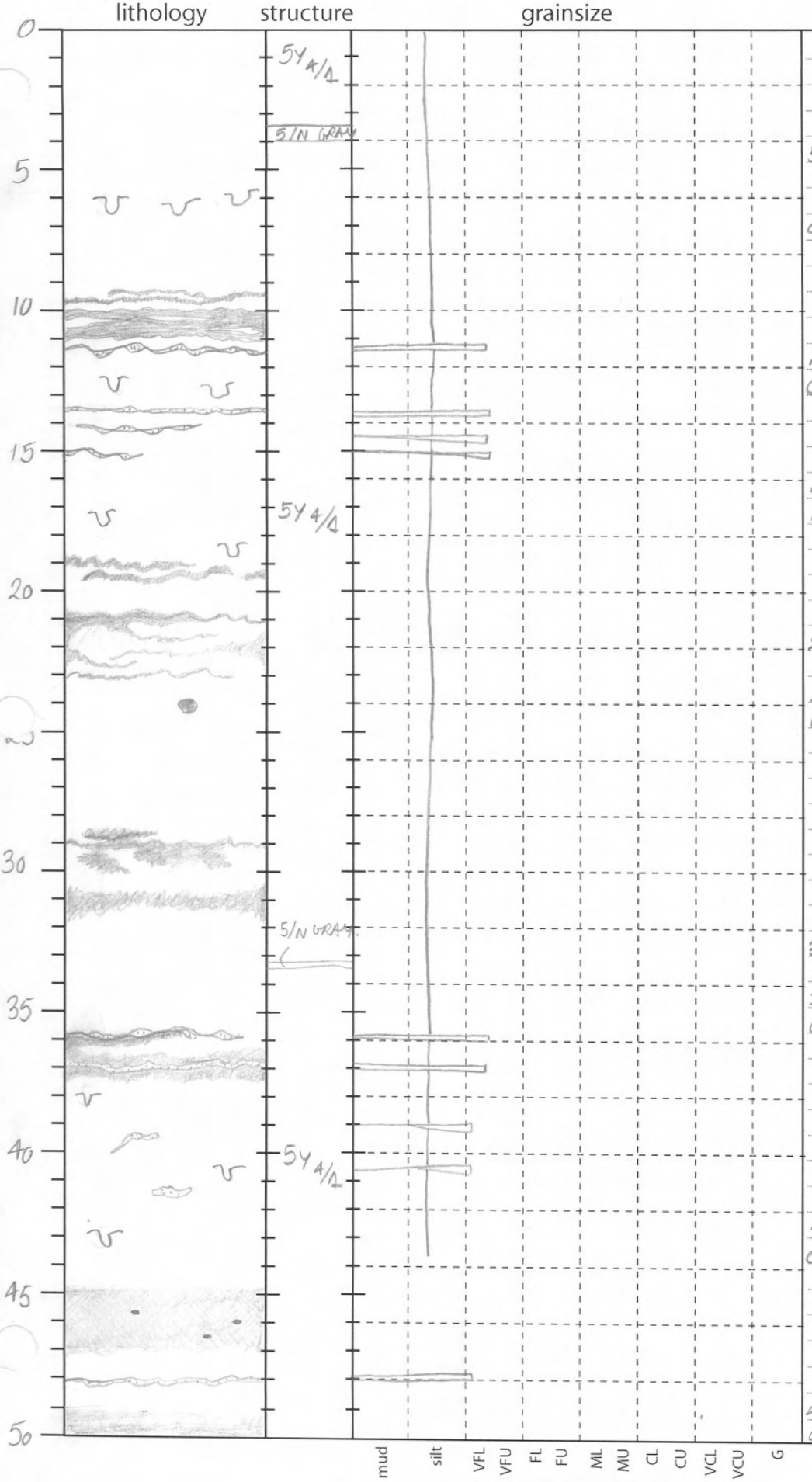
CORE LOG Core No. RR0705 - 27 GC Section No. 2 sheet 5 of 5

Date 17/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-29GC Section No. 1 OF 1 sheet 1 of 3

Date 17/05/07 Described by ZORAIDA Archive/Working



5-7 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

9/5 CM; LIGHT BLACK LAYER.

10 - 11 CM: BROWNISH OXIDATION LAYER.

11 - 19 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

19 - 23 CM: BROWNISH OXIDATION LAYERED ZONE.

24 CM: BLACK SPOT.

29 - 31/5 CM: BROWNISH OXIDATION LAYERED ZONE

35/5 - 37/5: BROWNISH OXIDATION LAYERS.

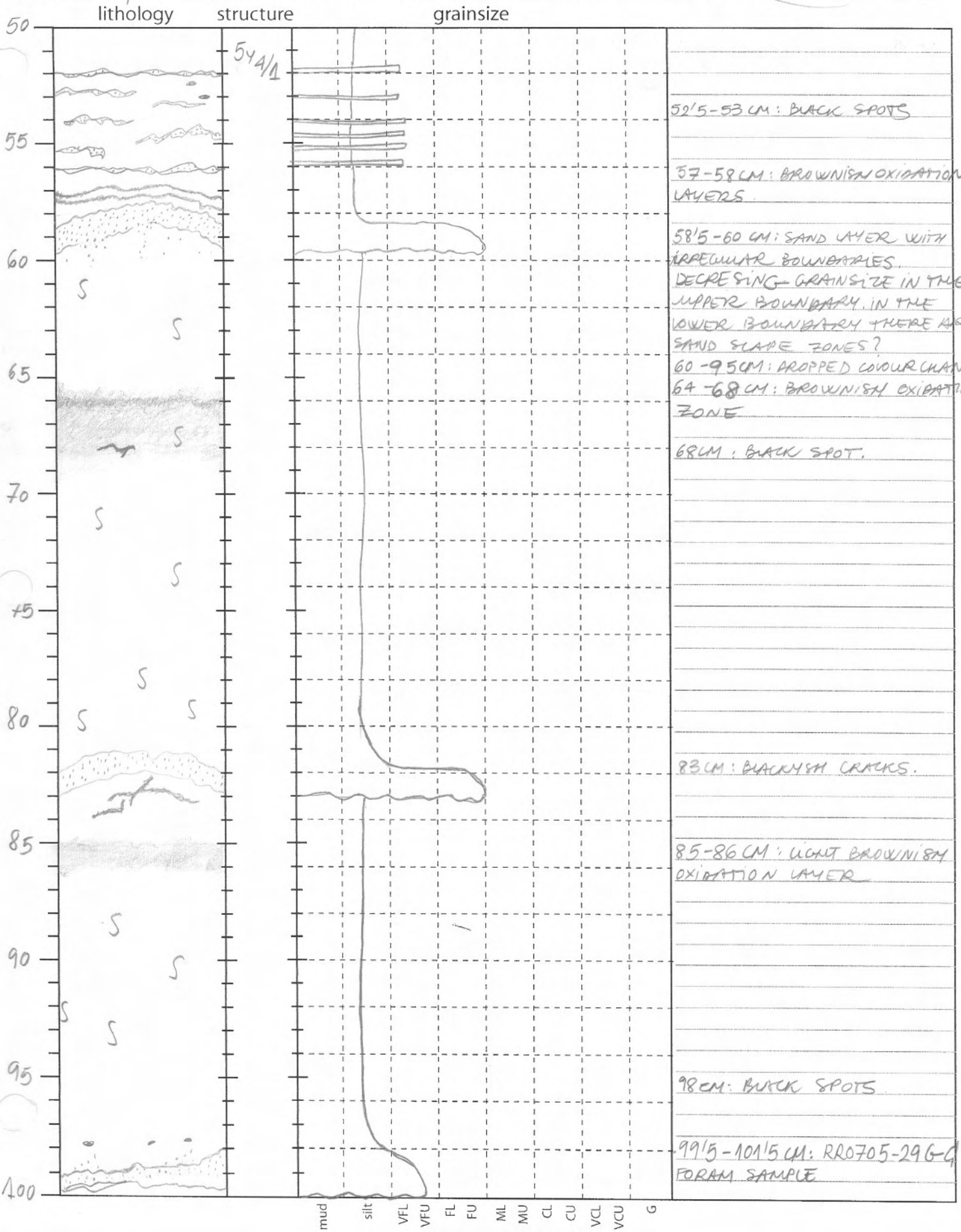
37-44 CM: DROPPED COLOUR CHANGE (BIOTURBATION?)

45 - 47 CM: LIGHT BROWNISH OXIDATION ZONE. WITH BLACK SPOTS?

49 - 50 CM: VERY LIGHT BROWNISH OXIDATION ZONE

CORE LOG Core No. RR0705-29G-G Section No. 1 sheet 2 of 3

Date 17/05/07 Described by ZORAIDA Archive/Working



52'5-53 CM: BLACK SPOTS

57-58 CM: BROWNISH OXIDATION LAYERS

58'5-60 CM: SAND LAYER WITH IRREGULAR BOUNDARIES. DECRESING GRAINSIZE IN THE UPPER BOUNDARY. IN THE LOWER BOUNDARY THERE ARE SAND SLAPE ZONES?

60-95 CM: ARROPPED COLOUR CHANGES

64-68 CM: BROWNISH OXIDATION ZONE

68 CM: BLACK SPOT.

83 CM: BLACKISH CRACKS.

85-86 CM: LIGHT BROWNISH OXIDATION LAYER

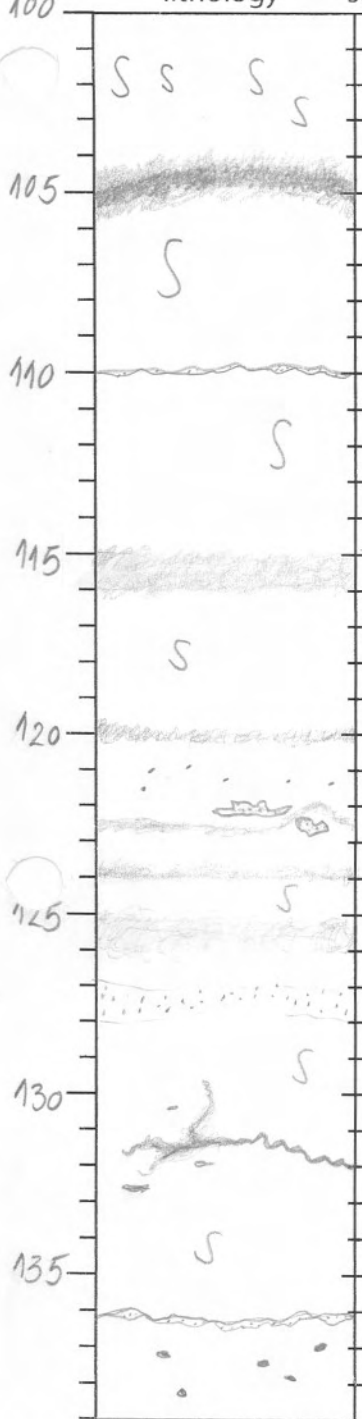
98 CM: BLACK SPOTS

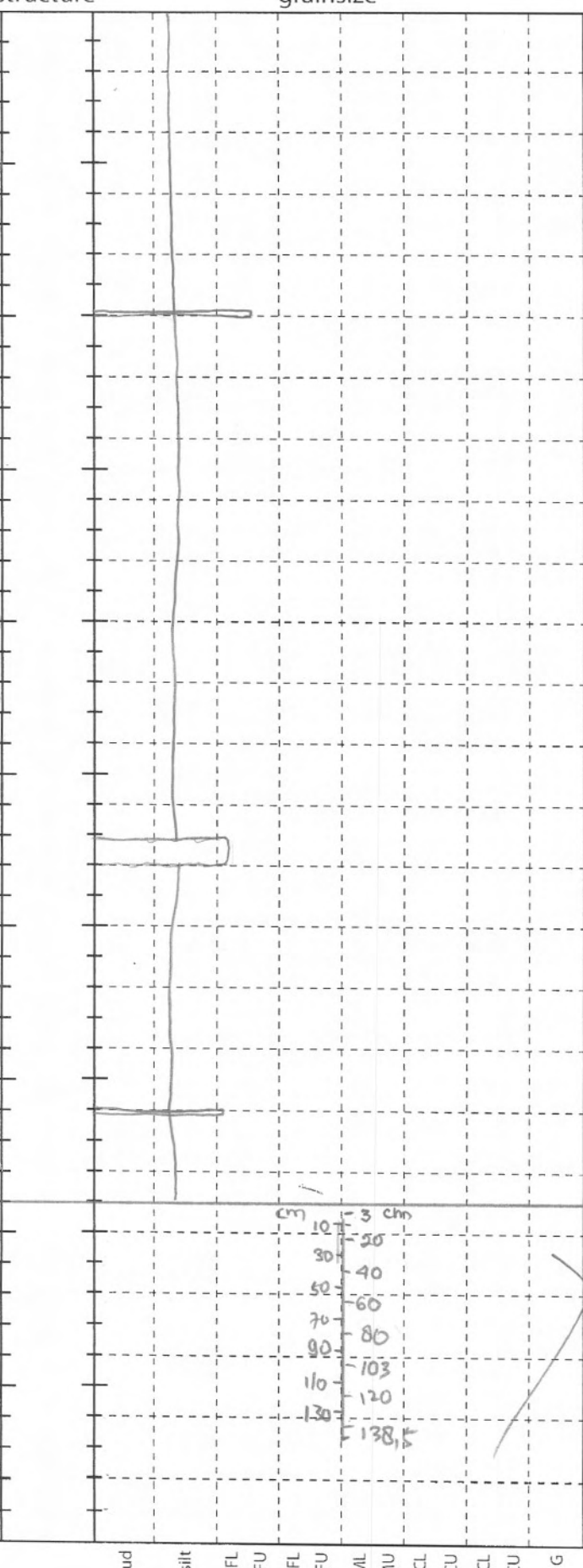
99'5-101'5 CM: RR0705-29G-G FORAM SAMPLE

CORE LOG Core No. RR0705-29GC Section No. 1 sheet 3 of 3

Date 17/05/07 Described by ZORAIDA Archive/Working

lithology structure grainsize





IN ALL OF THIS PART THERE ARE DROPPED COLOUR CHANGES (BIOTURBATION?) AND PARTS WHERE IS MORE PRONUNCIATED.

105 CM: BROWNISH OXIDATION LAYER.

101-107: VERY DROPPED COLOUR CHANGES ZONE

115-116: LIGHT BROWNISH OXIDATION LAYER

120 CM: LIGHT BROWNISH OXIDATION LAYER

122-123 CM: SAND LAYER AND BLACK SPOTS WITH A RED-BROWNISH COLOURATION?

124-125: LIGHT BROWNISH OXIDATION LAYERS.

127-128 CM: VF SAND LAYER WITH A LIGHT BROWNISH COLOURATION

130-132 CM: BLACK CRACK.

137-138: BLACK SPOTS.

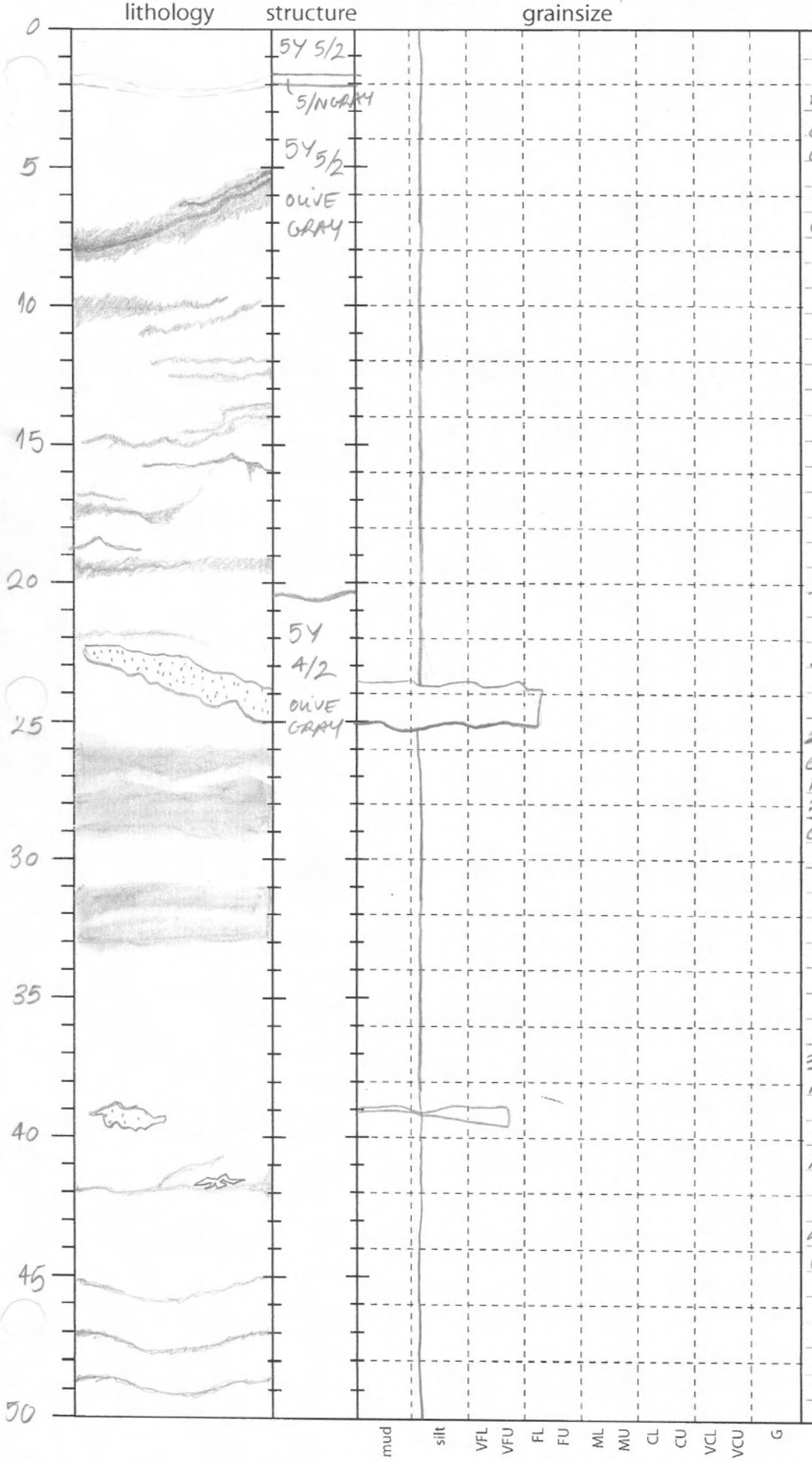
END OF THE CORE 139 CM.

Take sample every 10 cm for nannofosil (1S slide)

(Sr1)

CORE LOG Core No. RR0705306-G1 Section No. 1 (0-61'7 CM) sheet 1 of 4

Date 17/05/07 Described by ZORAIDA Archive/Working



5'5-8 CM : BLEND (GRAVITY CORE ACTION?) BROWNISH OXIDATION LAYER

9'5-19'5 CM : BROWNISH OXIDATION LAYERED ZONE

22 CM : LIGHT BROWNISH OXIDATION LAYER

22-25 CM : F.SAND LAYER WITH IRREGULARS BOUNDARIES

26-29 CM : LIGHT BROWNISH OXIDATION LAYER (INTO THERE ARE A CLEAR ONDULATED LAYER)

31-33 CM : LIGHT BROWNISH OXIDATION LAYERED ZONE

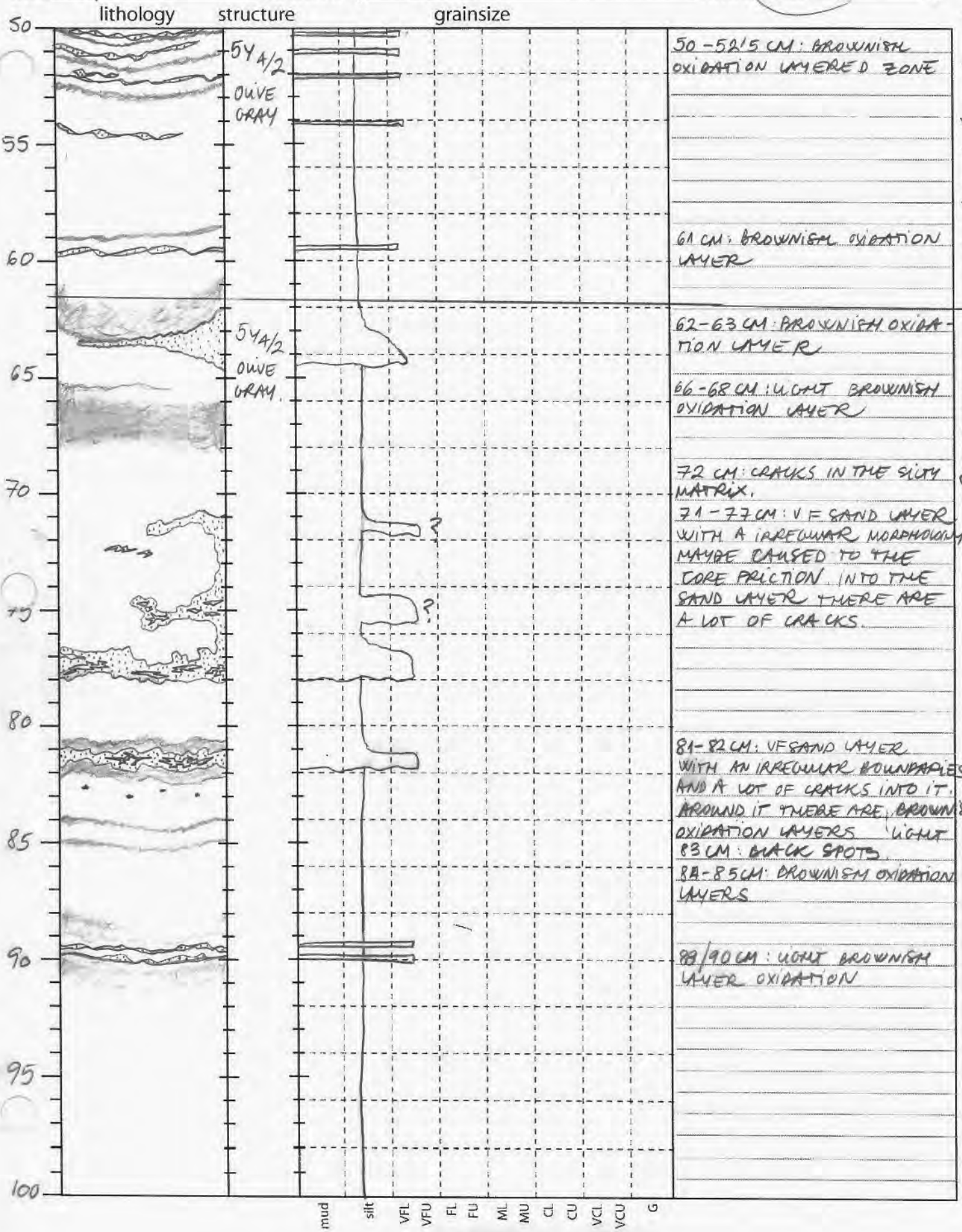
39 CM : V.F SAND LENT (LAYER RELICT OR LENT?)

42 CM : BROWNISH OXIDATION LAYER AND CRACKS.

45-50 CM : BROWNISH OXIDATION LAYERED ZONE

CORE LOG Core No. RR0705-30GC Section No. 1/2 sheet 2 of 4

Date 17/07/05 Described by ZORAIDA Archive/Working



50-52.5 CM: BROWNISH OXIDATION LAYERED ZONE

61 CM: BROWNISH OXIDATION LAYER

62-63 CM: BROWNISH OXIDATION LAYER

66-68 CM: LIGHT BROWNISH OXIDATION LAYER

72 CM: CRACKS IN THE SILTY MATRIX.

71-77 CM: VF SAND LAYER WITH A IRREGULAR MORPHOLOGY MAYBE CAUSED TO THE CORE FRICTION. INTO THE SAND LAYER THERE ARE A LOT OF CRACKS.

81-82 CM: VF SAND LAYER WITH AN IRREGULAR BOUNDARIES AND A LOT OF CRACKS INTO IT. AROUND IT THERE ARE BROWNISH OXIDATION LAYERS LIGHT

83 CM: BLACK SPOTS.

84-85 CM: BROWNISH OXIDATION LAYERS

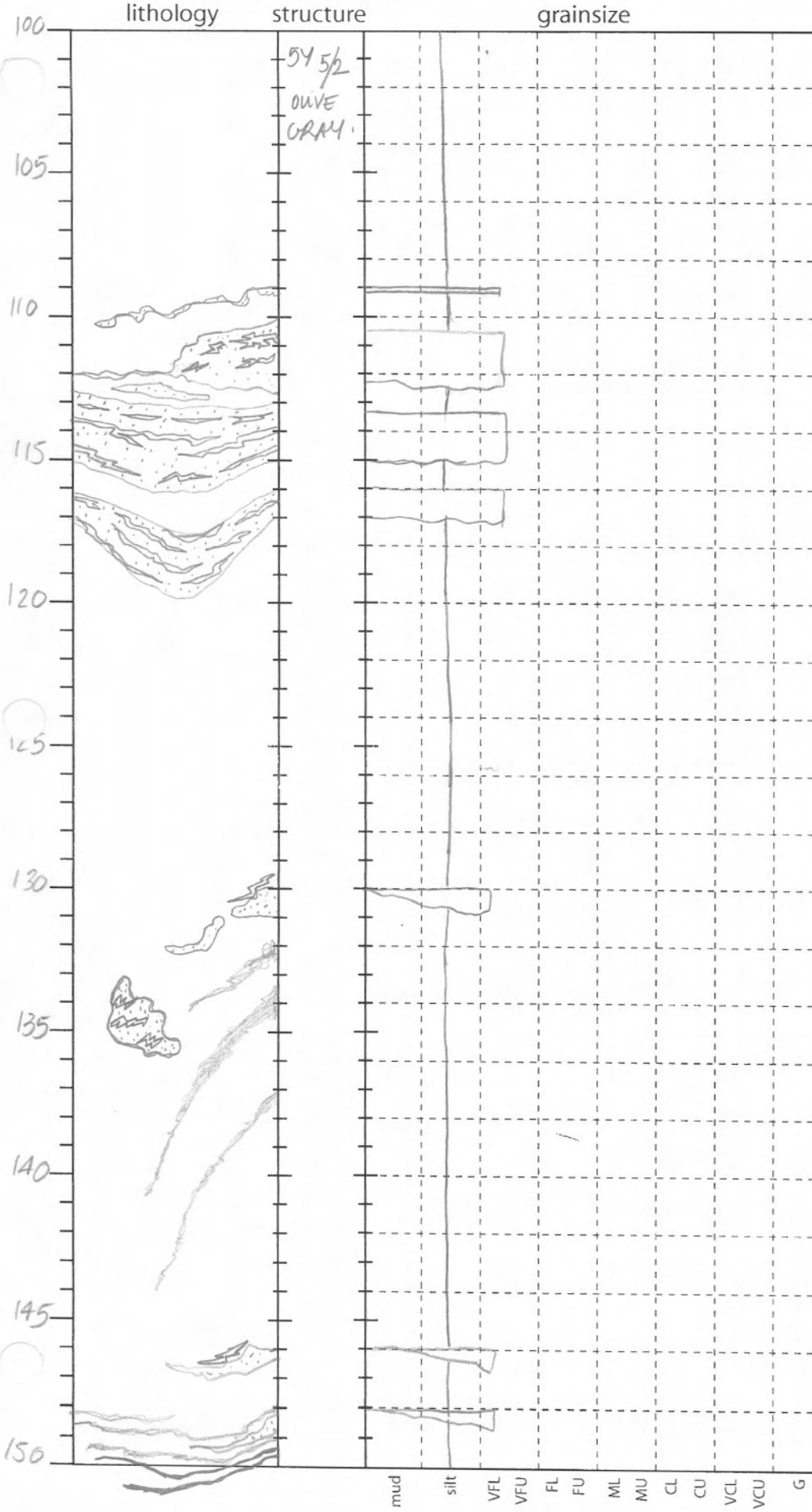
88/90 CM: LIGHT BROWNISH LAYER OXIDATION

SECTION 1 (0-61.7 CM.)

SECTION 2 (61.7-169.84 CM.)

CORE LOG Core No. RR0705-30GC Section No. 2 sheet 3 of 4

Date 17/05/07 Described by ZORAIDA Archive/Working



110 - 113 CM : V.F SAND LAYER WITH A ASYMETRICAL MORPHOLOGY MAYBE CAUSED FOR THE CORE FRICTION/ WITH A LOT OF CRACKS AND IRREGULARS BOUNDARIES

↓

THE SAME FOR THE NEXT TO SAND BODIES WITHOUT STRANGE MORPHOLOGIES, THESE 2 OTHERS BODIES HAVE DEFORMATION IN THE LATERAL PERIMETERS FOR CORE FRICTION.

130: V.F SAND BALL OR RELICT OF A LAYER WITH CRACKS

134-137 : BLEND BROWNISH OXIDATION LAYERS

133 - 136 CM: V.F SAND BALL ? WITH A LOT OF CRACKS

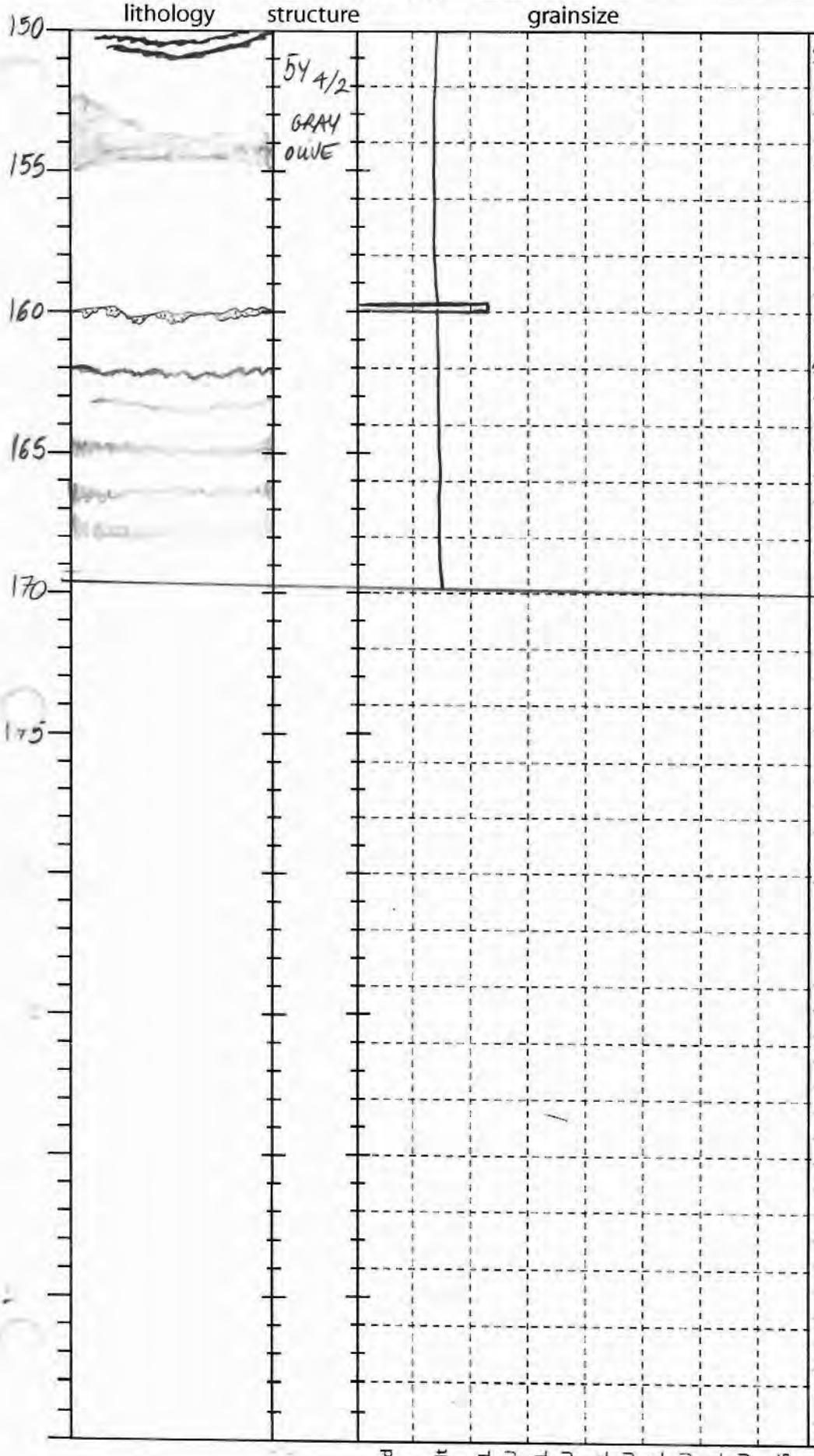
146 CM : CRACKS

148-150 : BROWNISH OXIDATION LAYERS

149-150 : BLACK LAYERS

CORE LOG Core No. RR0705-30GC Section No. 2 sheet 4 of 4

Date 17/05/07 Described by ZORAIDA Archive/Working



150-154 CM: BLACK LAYERS.

152-155 CM. LIGHT BROWNISH OXIDATION LAYER

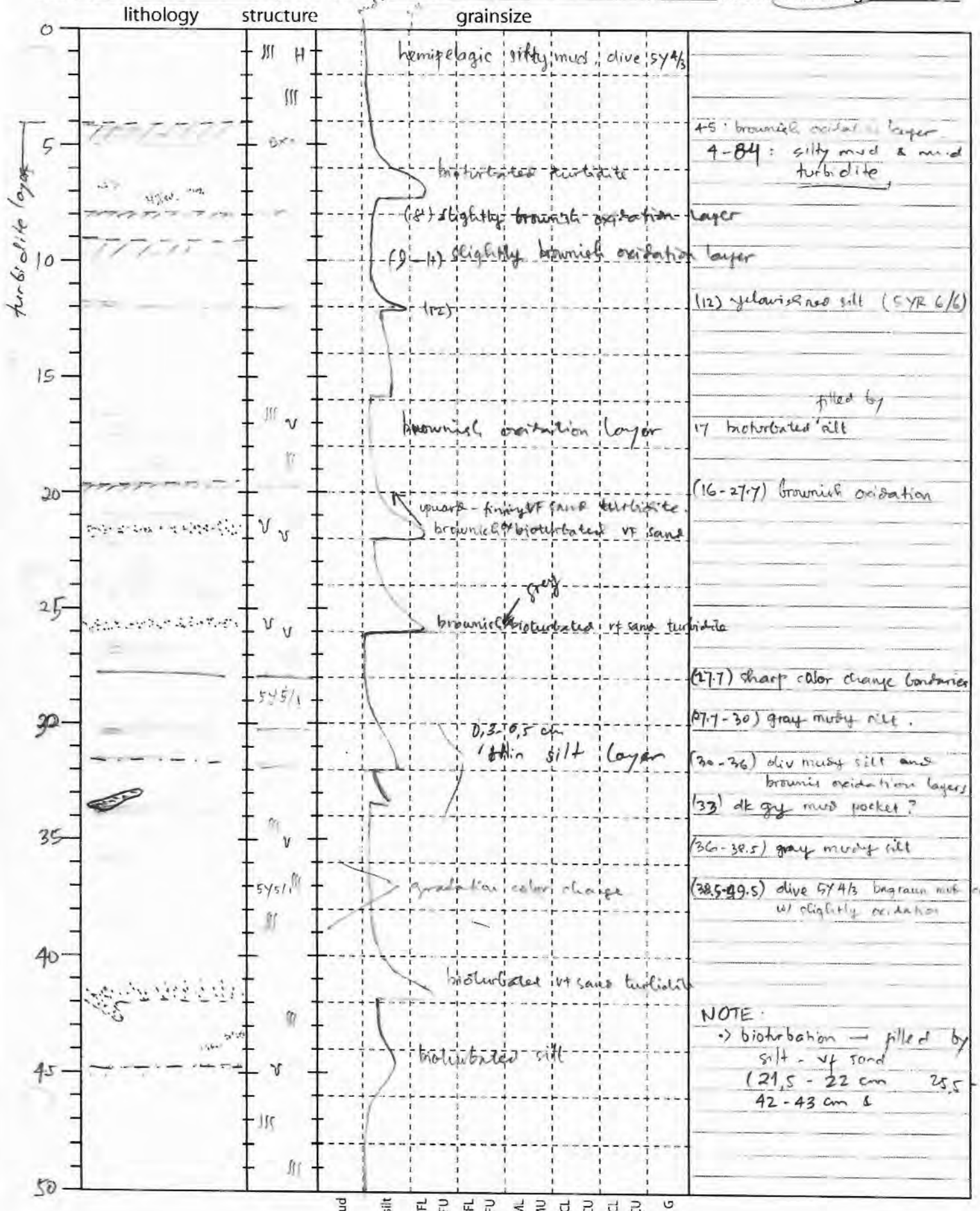
162 CM: BROWNISH OXIDATION LAYER.

163 UNTIL THE END LIGHT BROWNISH OXIDATION LAYERED ZONE

END OF THE CORE 169/184 CM.

CORE LOG Core No. RR0705-31GC Section No. 1 sheet 1 of 2

Date 18/05/07 Described by SAPTA / Riza Archive/Working



0-4.5: brownish oxidation layer

4-84: silty mud & mud turbidite

(12) yellowish red silt (5YR 6/6)

filled by

17 bioturbated silt

(16-27.7) brownish oxidation

(27.7) sharp color change boundaries

(27.7-30) gray muddy silt.

(30-36) oliv muddy silt and brownish oxidation layers

(33) dk gy mud pocket?

(36-38.5) gray muddy silt

(38.5-99.5) olive 5Y4/3 to gray mud color w/ slightly oxidation

NOTE:

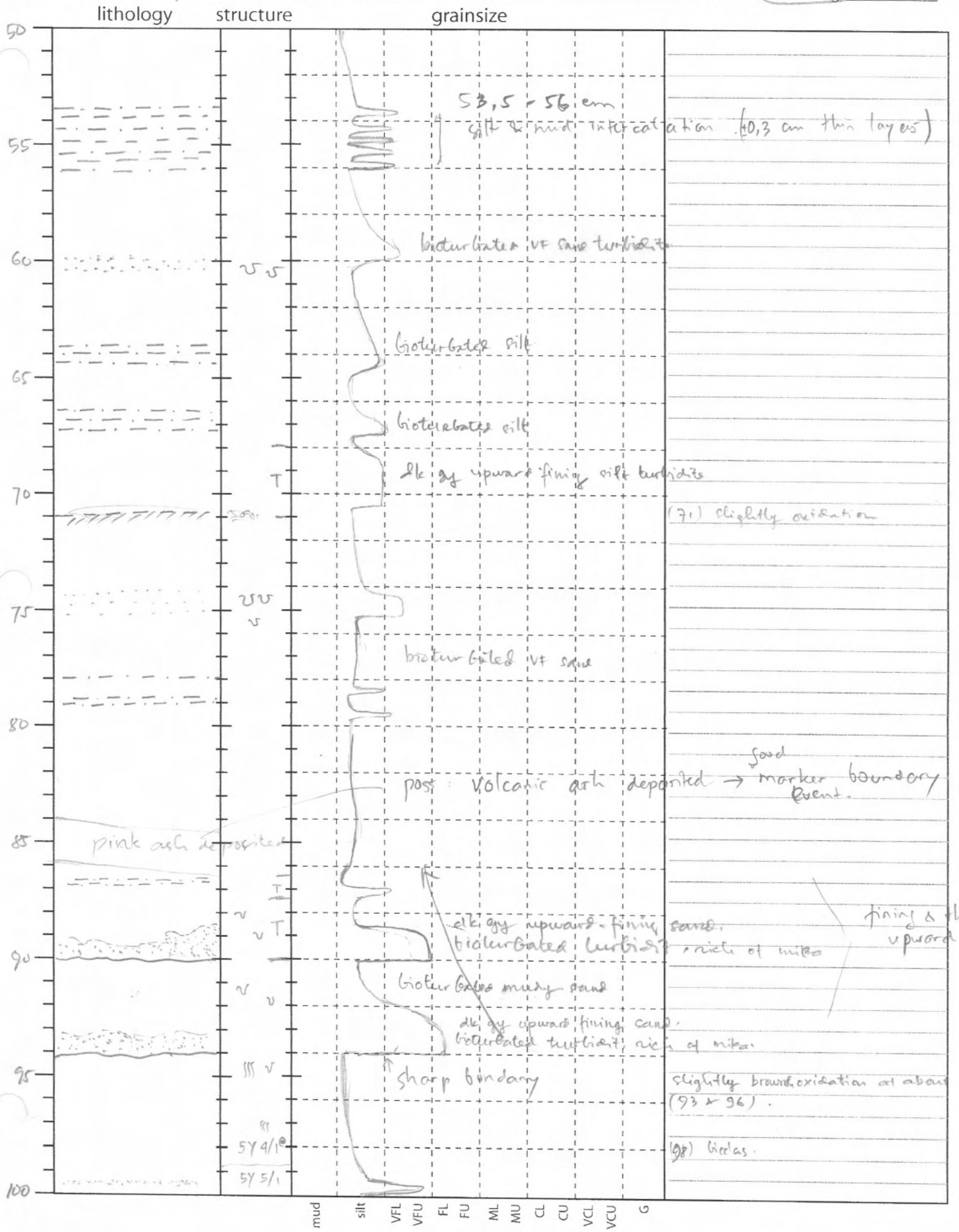
-> bioturbation — filled by silt - vf sand

(21.5 - 22 cm 25.5 - 26 cm

42 - 43 cm &

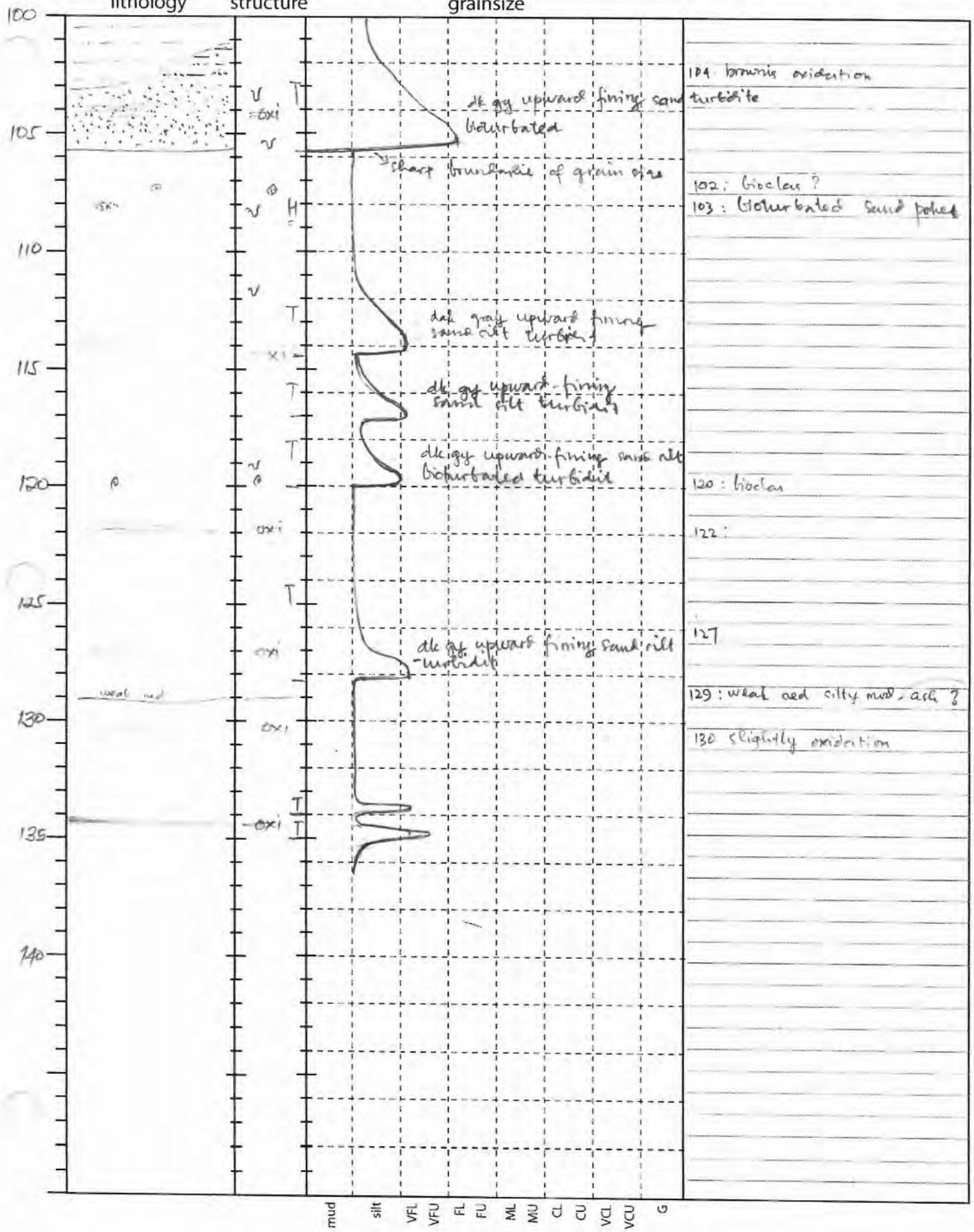
CORE LOG Core No. RR0705-31GC Section No. 1 of 1 sheet 2 of 3

Date 18/05/07 Described by SAPTA / MLS Archive/Working



CORE LOG Core No. RR0705-31GC Section No. 1 of 1 sheet 3 of 3

Date 18/05/07 Described by SAPTA Archive/Working



104 brownis oxidation

turbidite

102: bioclas ?

103: bioturbated sand pocket

120: bioclas

122:

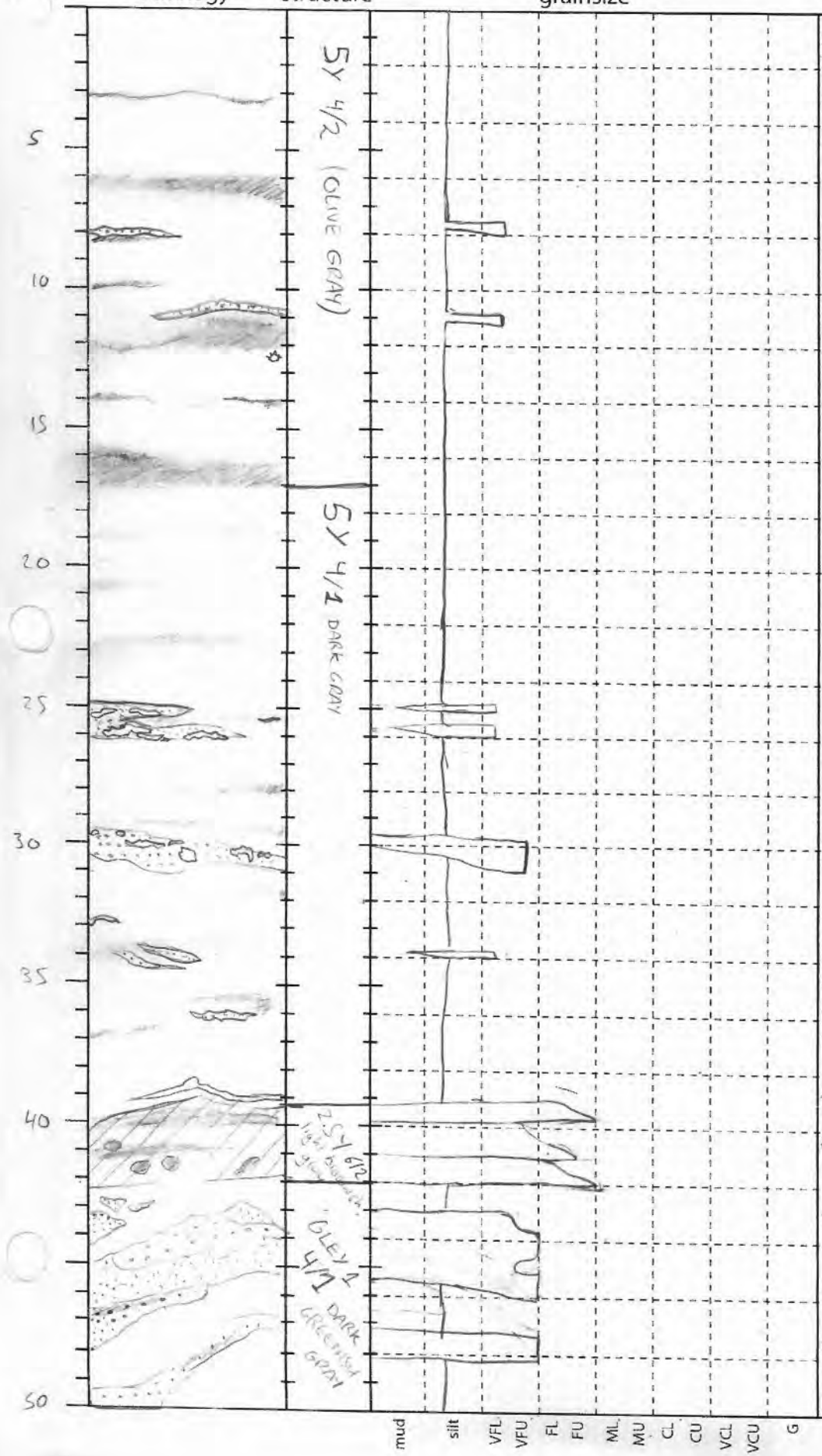
127

129: weak red silty mud, ash ?

130 slightly oxidation

CORE LOG Core No. RR0705-326C Section No. 1 sheet 1 of 4

Date 18-V-07 Described by ORIOLO KABEZABOLO Archive/Working A



4-17 CM: BROWNISH OXIDATION LAYERED ZONE.

ANOTATION: ALL THE BLACKGROUND HAS A SILT GRAIN SIZE.

VFLSL→ DIFUSSED BOUNDARIES

VFLSL→ DIFUSSED BOUNDAGE

12-13cm CRACKS (2mm)

19-37 CM. LIGHT BROWNISH OXIDATION LAYERED ZONE

25-26cm CRACKS (5mm) IN THE VFLSL

30-31cm CRACKS (4.5 mm) IN THE VFLSL VFL WITH DEFINITED IRREGULAR BOUNDARIES.

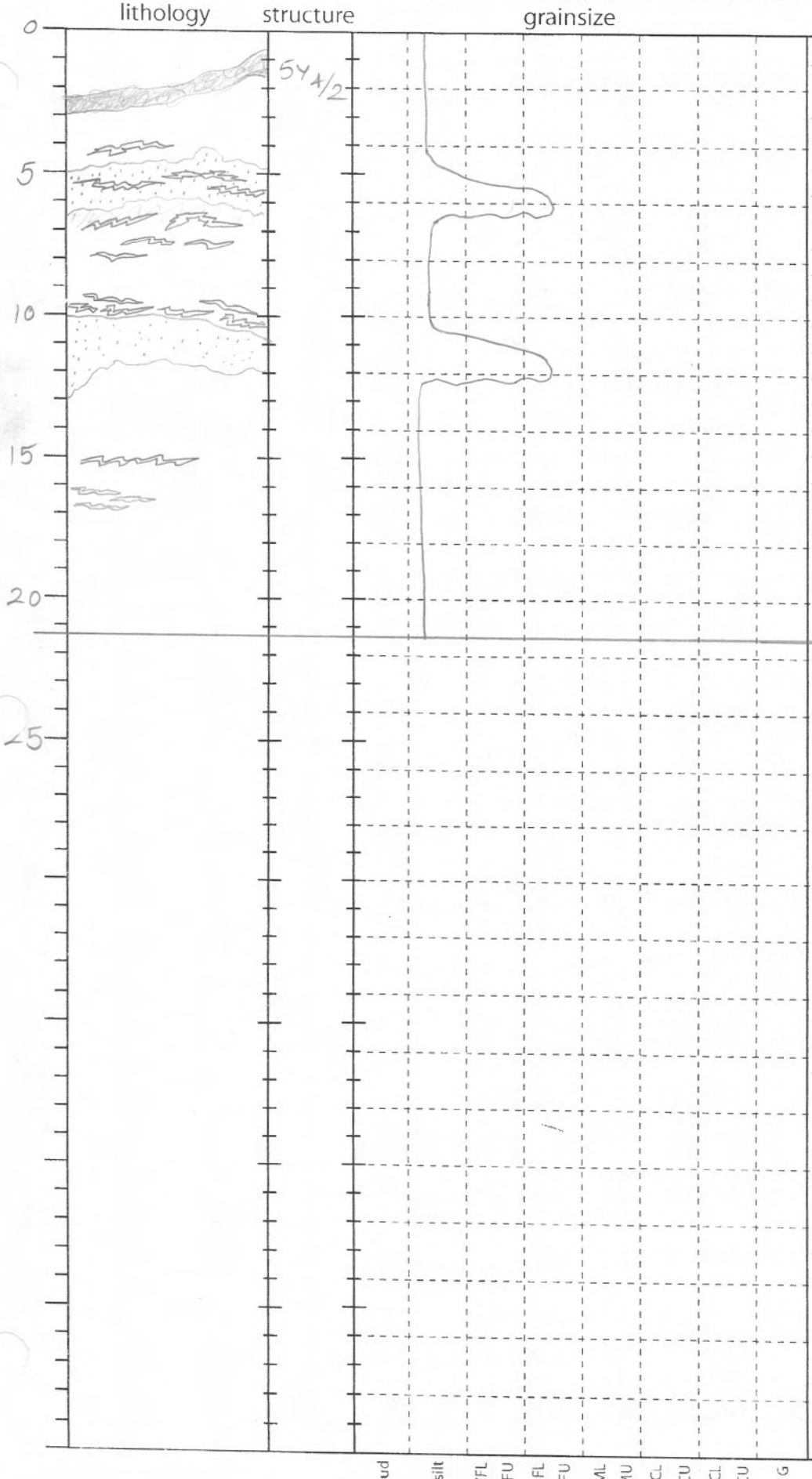
38.5-39cm LAYERED CRACKUP

39-42cm VOLCANIC ASH LAYER WITH YELLOWISH "OXIDATION" "LAYERS" AND [illegible] (40cm & 41cm)

45-47cm BLACK MICAS ACUMULATION LAYERS

CORE LOG Core No. RR0705-KC36 Section No. 2 (SUBCORE 2 OF 3) sheet 2 of 3

Date 19/05/07 Described by ZORAIDA Archive/Working



1-3 CM: BROWNISH OXIDATION LAYER.

3 CM: CRACK

5-6'5 CM: V.F. SAND LAYER WITH IRREGULAR AND DIFFUSED BOUNDARIES AND A LOT OF CRACKS INTO IT

6'5-8 CM: CRACKED ZONE WITH A LIGHT BROWNISH OX LAYER

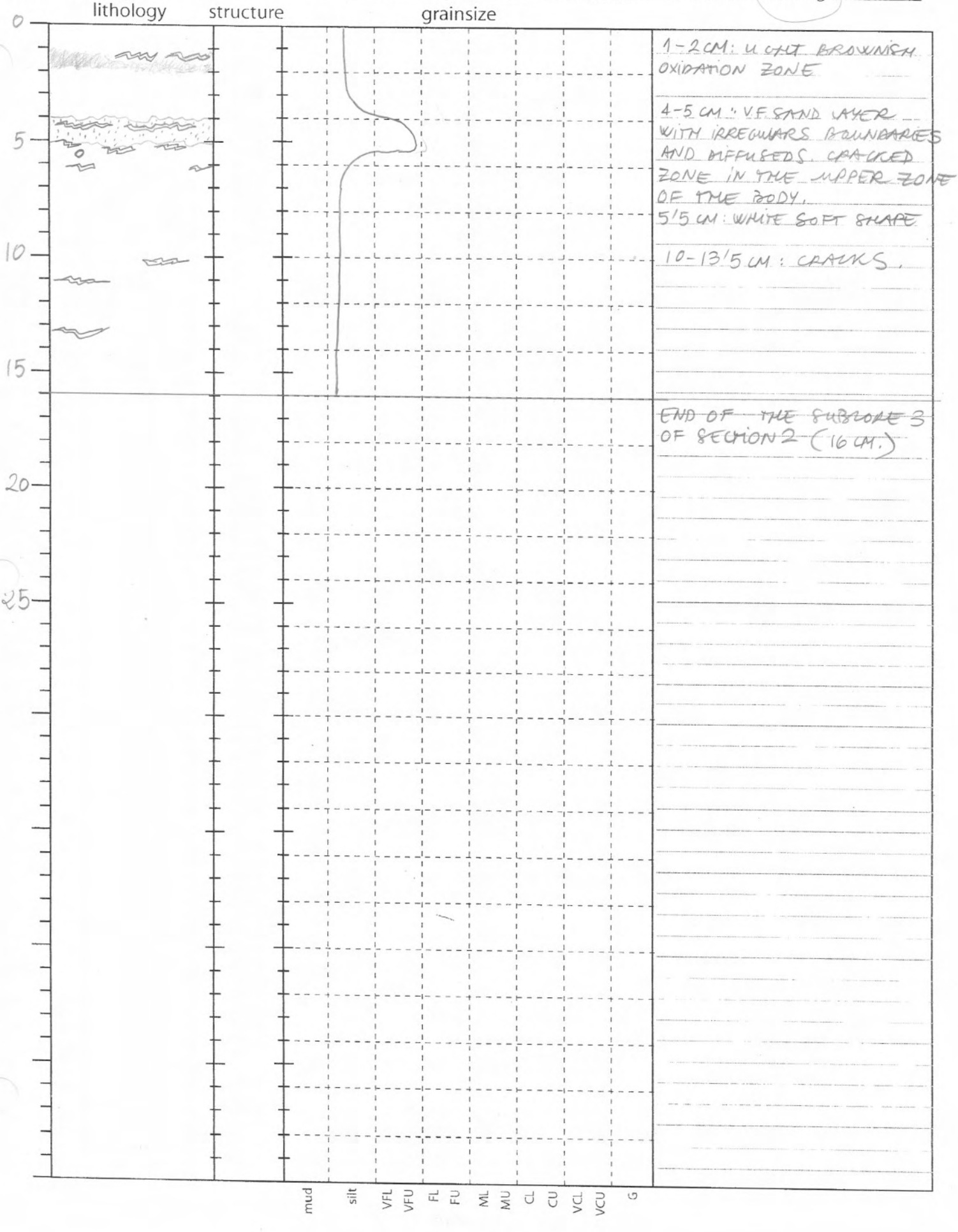
10-13 CM: V.F. SAND LAYER WITH IRREGULAR AND DIFFUSED BOUNDARIES

15-17 CM: CRACKS

END OF THE SUBCORE 2 OF SECTION 2 (215 CM).

CORE LOG Core No. RR0705-36KC Section No. ~~SEC 2 (SUBCORE 3)~~ sheet 3 of 3

Date 19/05/07 Described by ZORAIDA Archive/Working



1-2 CM: LIGHT BROWNISH OXIDATION ZONE

4-5 CM: V.F SAND LAYER WITH IRREGULARS BOUNDARIES AND DIFFUSED. CRACKED ZONE IN THE UPPER ZONE OF THE BODY.

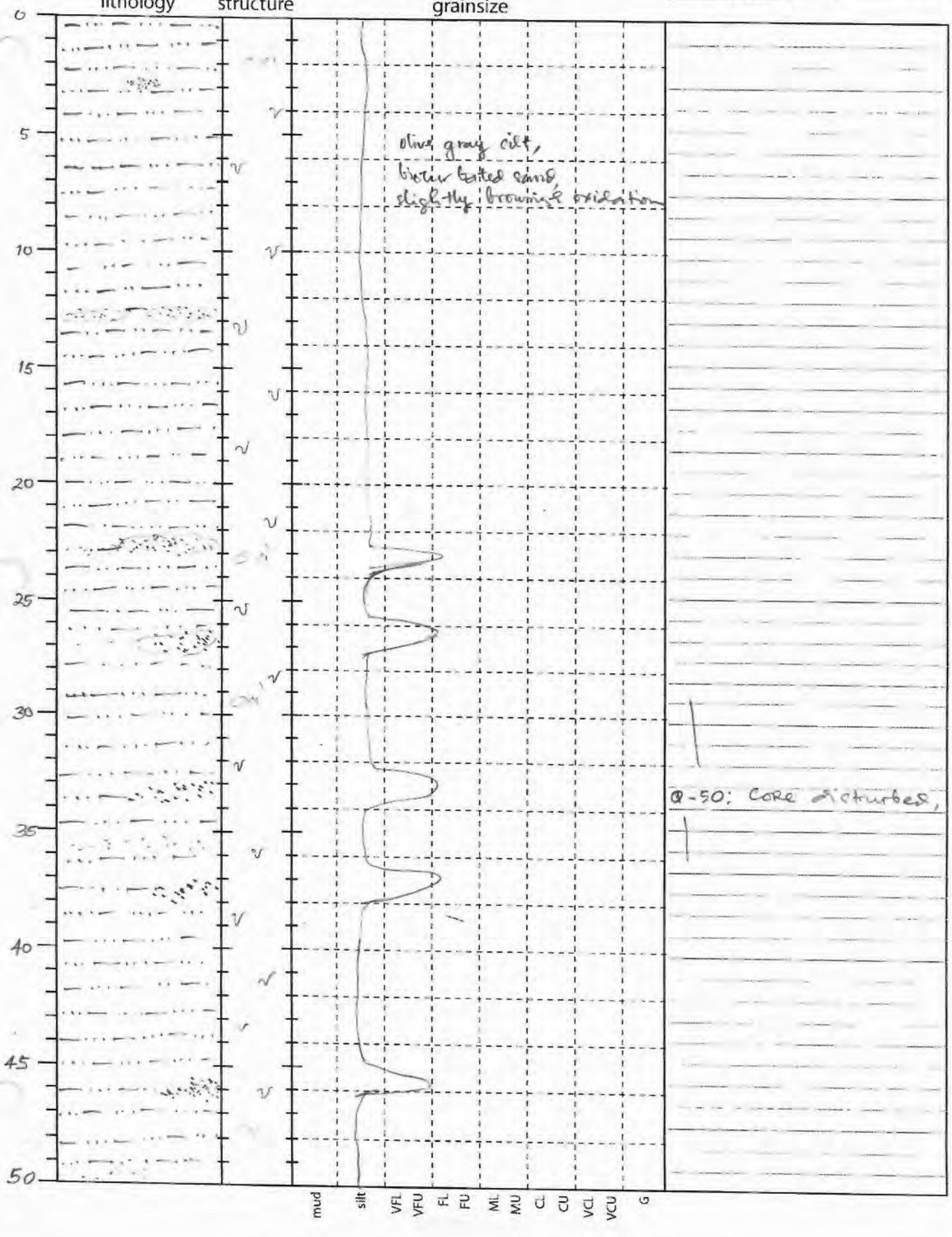
5'5 CM: WHITE SOFT SHAPE

10-13'5 CM: CRACKS.

~~END OF THE SUBCORE 3~~ OF SECTION 2 (16 CM.)

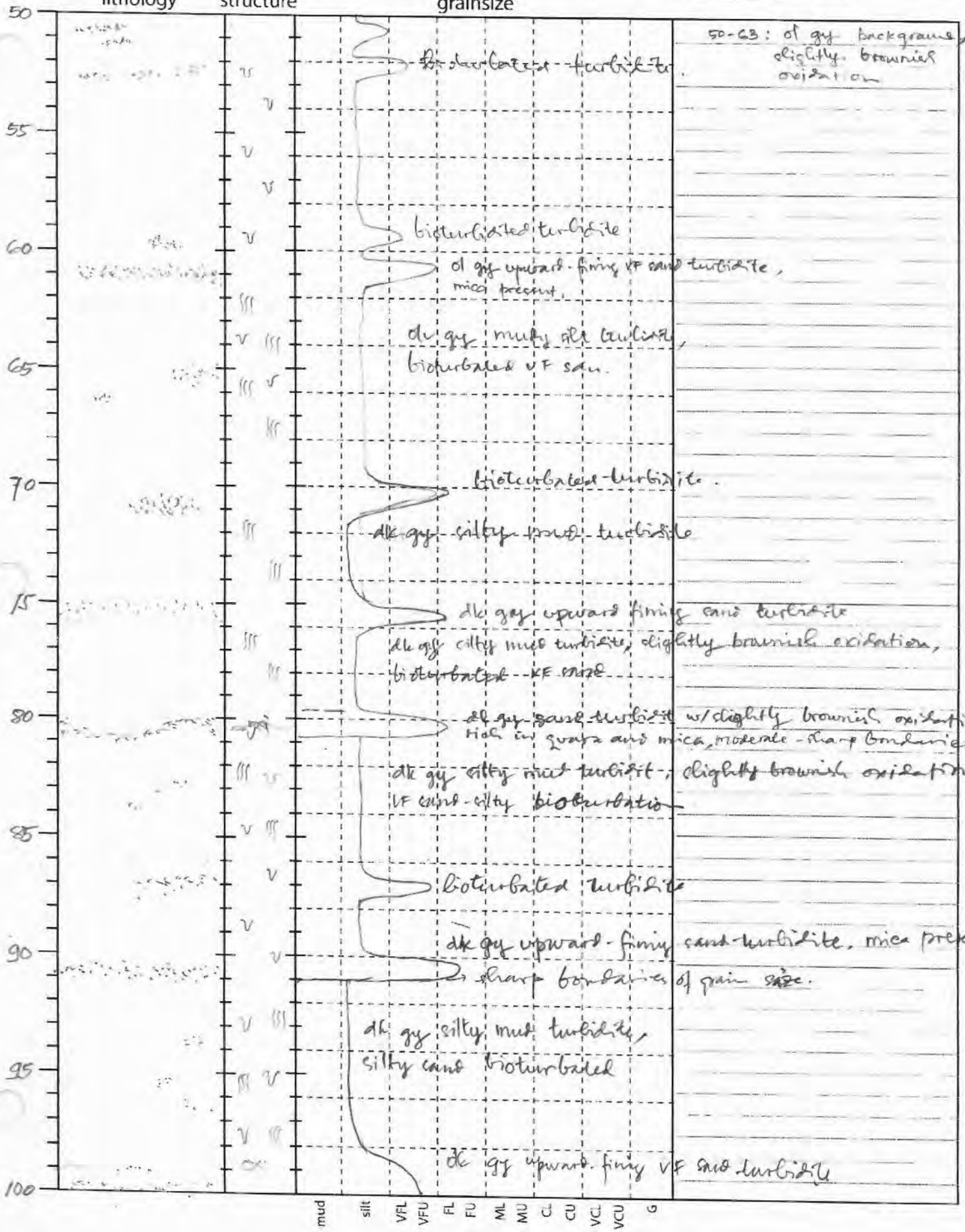
CORE LOG Core No. RR0705-36KC Section No. 1 sheet 1 of 4

Date 20 / 05 / 07 Described by SAPTA Archive/Working



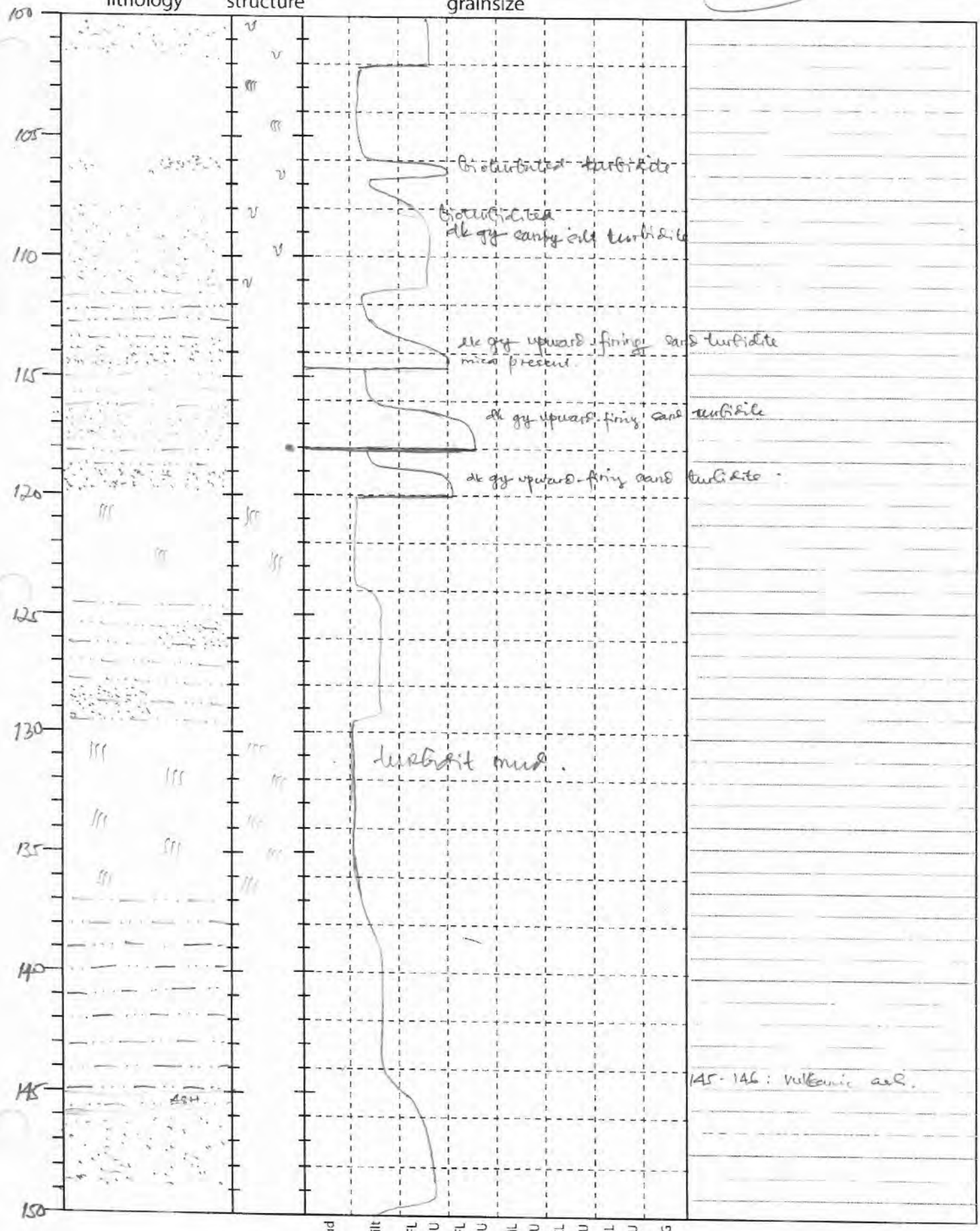
CORE LOG Core No. RR0705-26 KC Section No. 1 sheet 2 of 4

Date 20 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-36KC Section No. 1 sheet 3 of 4

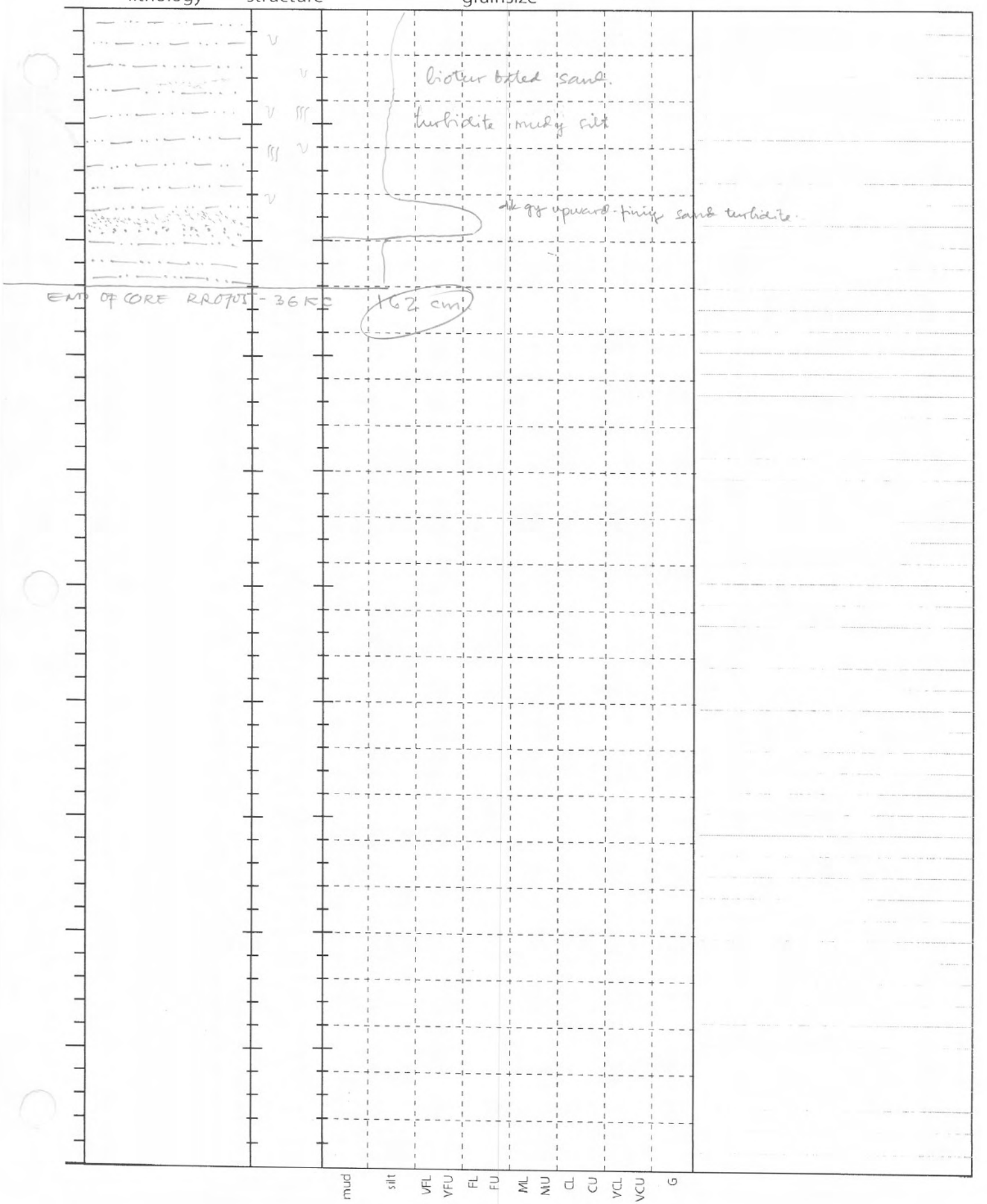
Date 20/05/07 Described by SAPTA Archive/Working



145-146: volcanic ash.

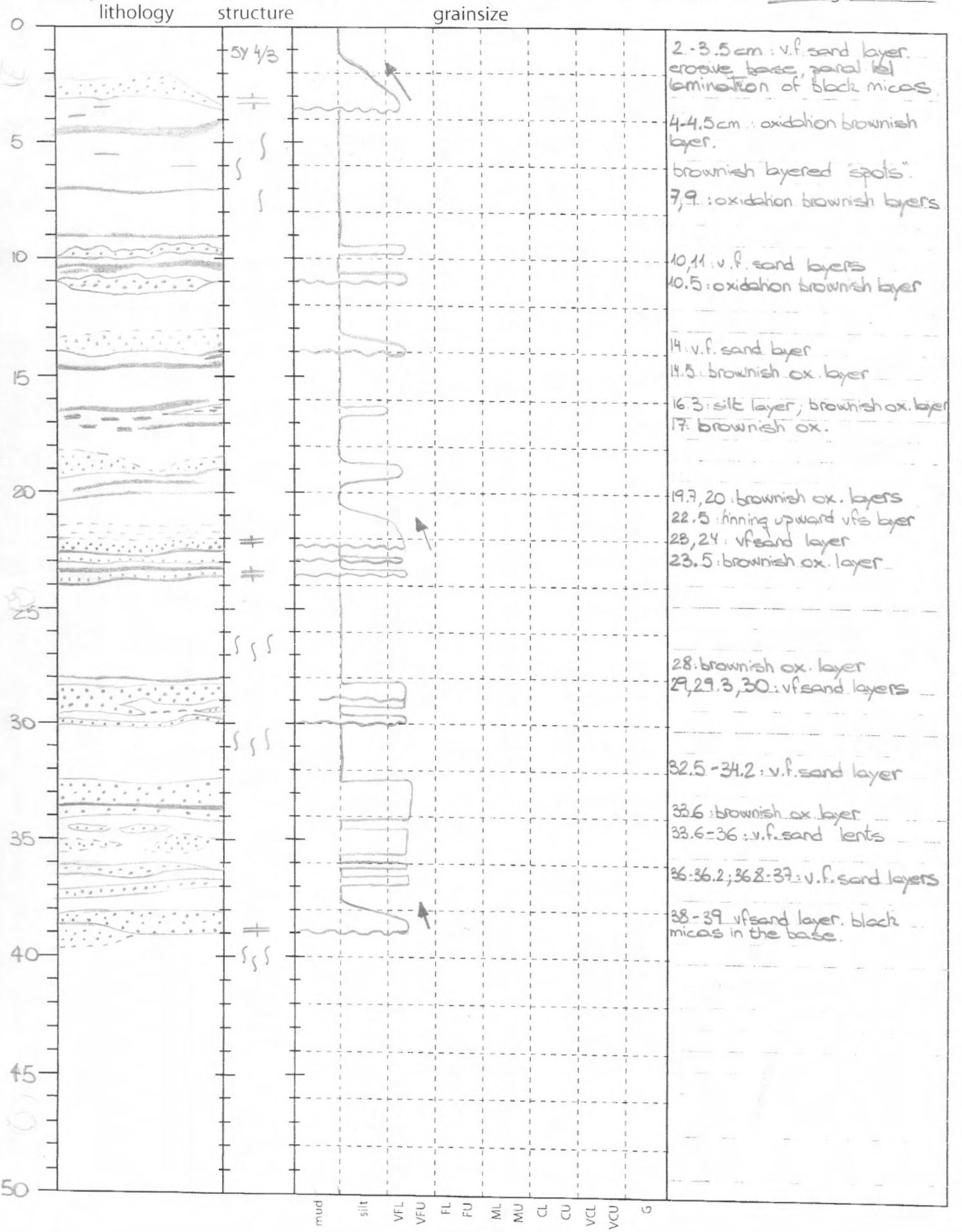
CORE LOG Core No. RRO/05-36KC Section No. 1 sheet 4 of 4

Date 20/05/07 Described by SAPTA. Archive/Working



CORE LOG Core No. RR0705-37GC Section No. 1 sheet 1 of 2

Date 30/5 Described by Elenica Archive/Working



2-3.5 cm : v.f. sand layer. erosive base, paral lel lamination of black micas

4-4.5 cm : oxidation brownish layer.

brownish layered "spots".

7,9 : oxidation brownish layers

10,11 : v.f. sand layers

10.5 : oxidation brownish layer

14 : v.f. sand layer

14.5 : brownish ox. layer

16.3 : silt layer; brownish ox. layer

17: brownish ox.

19.7, 20 : brownish ox. layers

22.5 : finning upward vfs layer

23, 24 : vf sand layer

23.5 : brownish ox. layer

28 : brownish ox. layer

29, 29.3, 30 : vf sand layers

32.5 - 34.2 : v.f. sand layer

33.6 : brownish ox layer

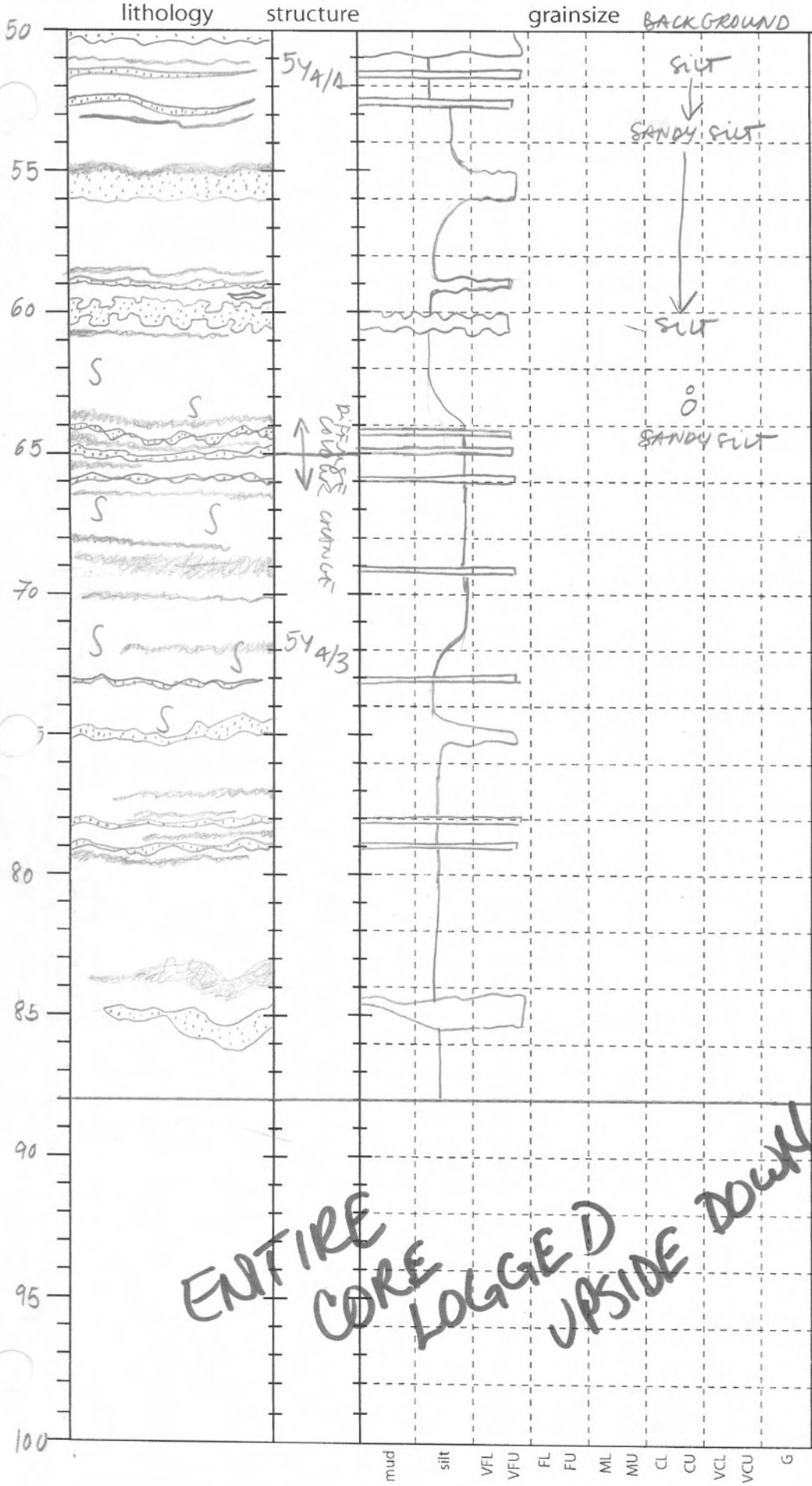
33.6 - 36 : v.f. sand lents

36 : 36.2 ; 36.8 - 37 : v.f. sand layers

38 - 39 vf sand layer. black micas in the base.

CORE LOG Core No. RR0705-37GC Section No. 1 sheet 2 of 2

Date 19/05/07 Described by ZORMOA Archive/Working



51 CM: BROWNISH OX LAYER.

51'5 CM AND 52'5 CM: TWO V.F SAND LAYERS WITH NO IRREGULARS BOUNDARIES

53 CM: BLACK LAYER.

58'5 CM: FINE BROWNISH OXIDATION LAYER

59 CM: V.F SAND LAYER WITH DIFFUSED BOUNDARIES

59'5 - 60'5 CM: V.F SAND LAYER WITH VERY IRREGULAR BOUNDARIES (BIOTURBATION/ LOAD FLUTE STRUCTURES?)

60'5 CM: BROWNISH OXIDATION LAYER

60-80 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

66 CM: CRACK

71

75 CM: SAND LAYER WITH DIFFUSED BOUNDARIES

78'5 - 80 CM: BROWNISH OXIDATION LAYERED ZONE

83-84 CM: BROWNISH OX LAYER

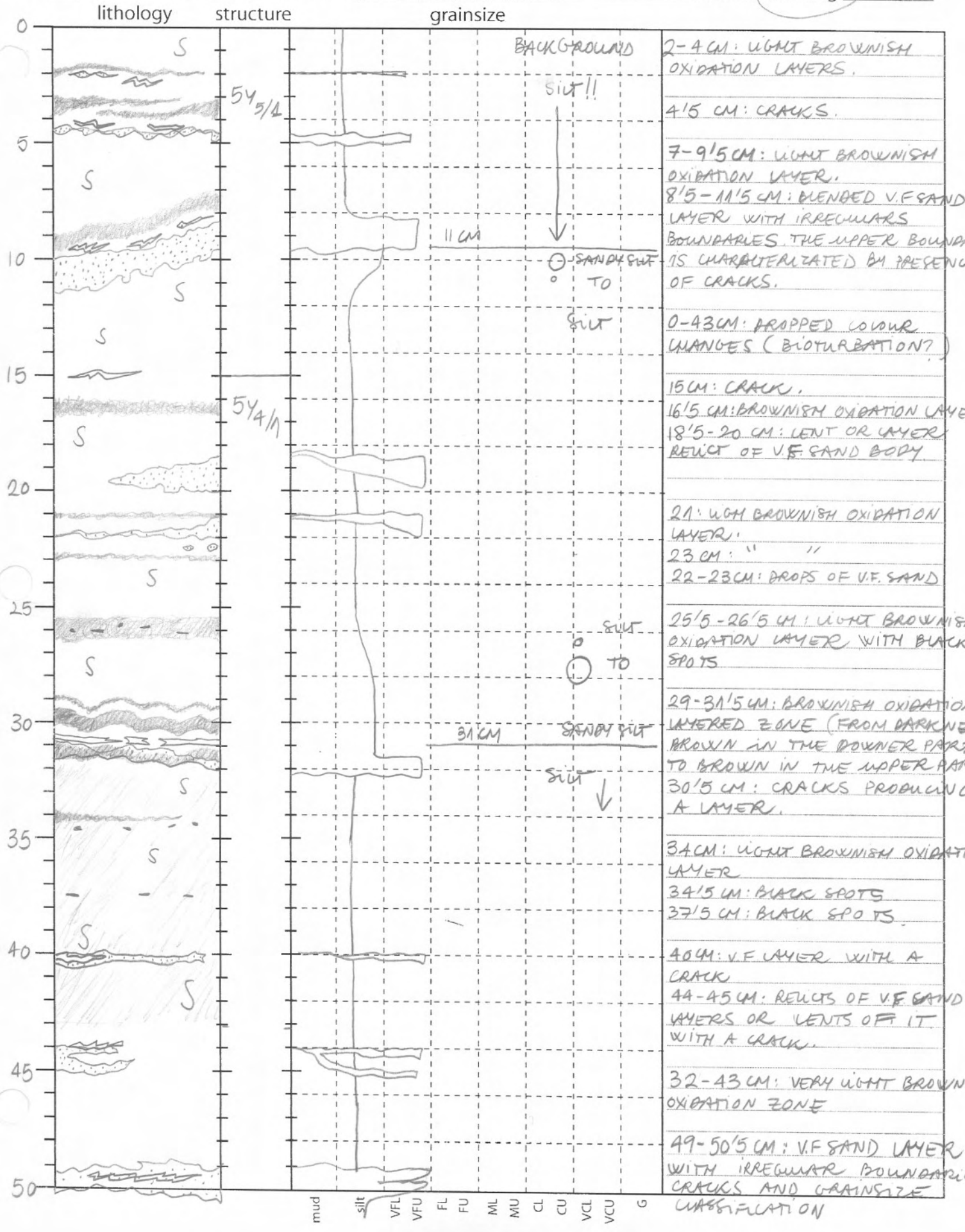
END OF THE CORE (88 CM.)

ENTIRE CORE LOGGED UPSIDE DOWN!

CORE LOGGED UPSIDE DOWN!

CORE LOG Core No. RR0705-37GC Section No. 1 (88 CM.) sheet 1 of 2

Date 19/05/07 Described by ZORAIDA Archive/Working



2-4 CM: LIGHT BROWNISH OXIDATION LAYERS.

4'5 CM: CRACKS.

7-9'5 CM: LIGHT BROWNISH OXIDATION LAYER.

8'5-11'5 CM: BLENDED V.F SAND LAYER WITH IRREGULARS BOUNDARIES. THE UPPER BOUNDARY IS CHARACTERIZATED BY PRESENCE OF CRACKS.

0-43 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

15 CM: CRACK.

16'5 CM: BROWNISH OXIDATION LAYER

18'5-20 CM: LENT OR LAYER RELICT OF V.F. SAND BODY.

21: LIGHT BROWNISH OXIDATION LAYER.

23 CM: " "

22-23 CM: DROPS OF V.F. SAND

25'5-26'5 CM: LIGHT BROWNISH OXIDATION LAYER WITH BLACK SPOTS

29-31'5 CM: BROWNISH OXIDATION LAYERED ZONE (FROM DARKNER BROWN IN THE DOWNER PART TO BROWN IN THE UPPER PART)

30'5 CM: CRACKS PRODUCING A LAYER.

34 CM: LIGHT BROWNISH OXIDATION LAYER

34'5 CM: BLACK SPOTS

37'5 CM: BLACK SPOTS

40 CM: V.F LAYER WITH A CRACK

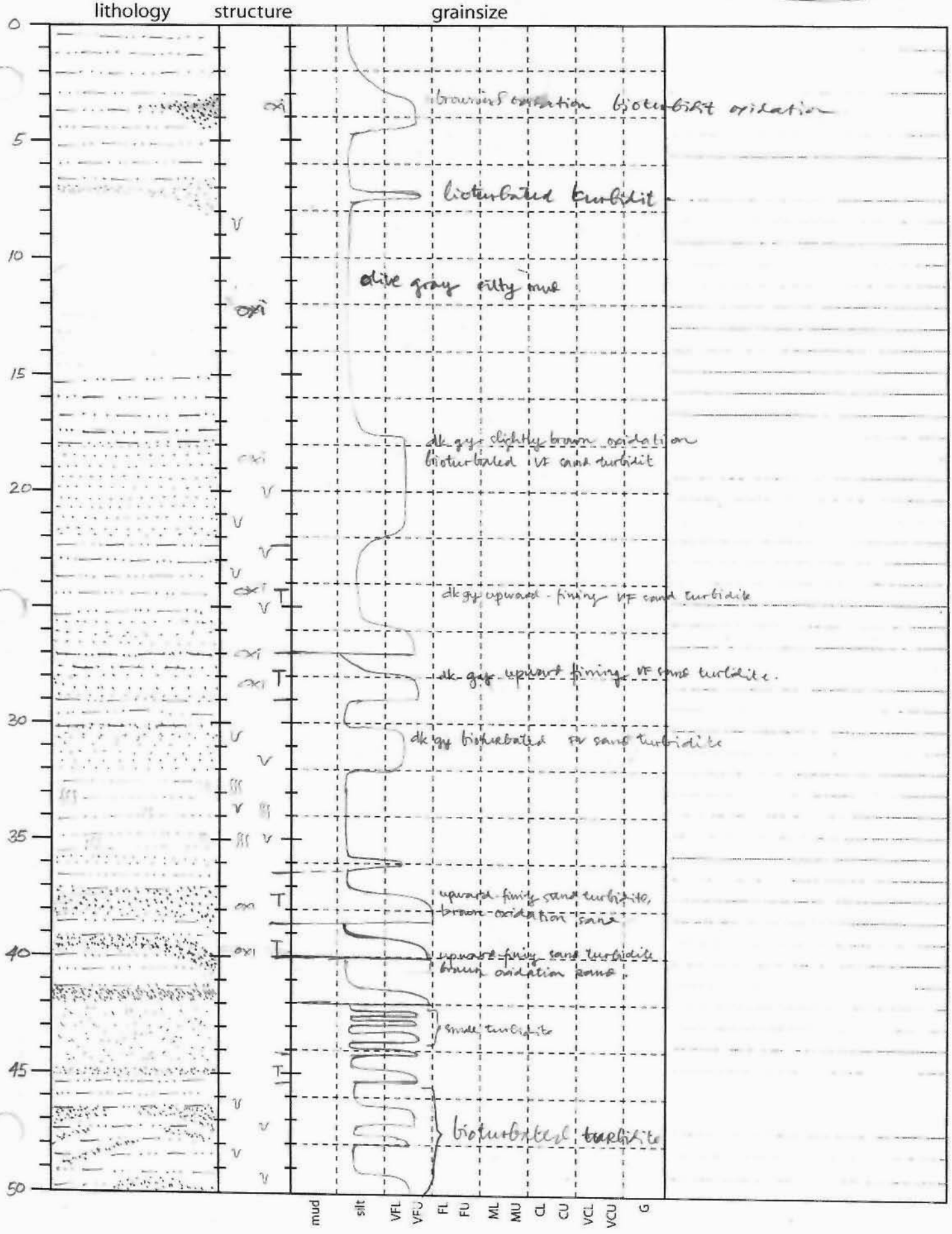
44-45 CM: RELICTS OF V.F SAND LAYERS OR LENTS OFF IT WITH A CRACK.

32-43 CM: VERY LIGHT BROWNISH OXIDATION ZONE

49-50'5 CM: V.F SAND LAYER WITH IRREGULAR BOUNDARIES CRACKS AND GRAINSIZE CLASSIFICATION

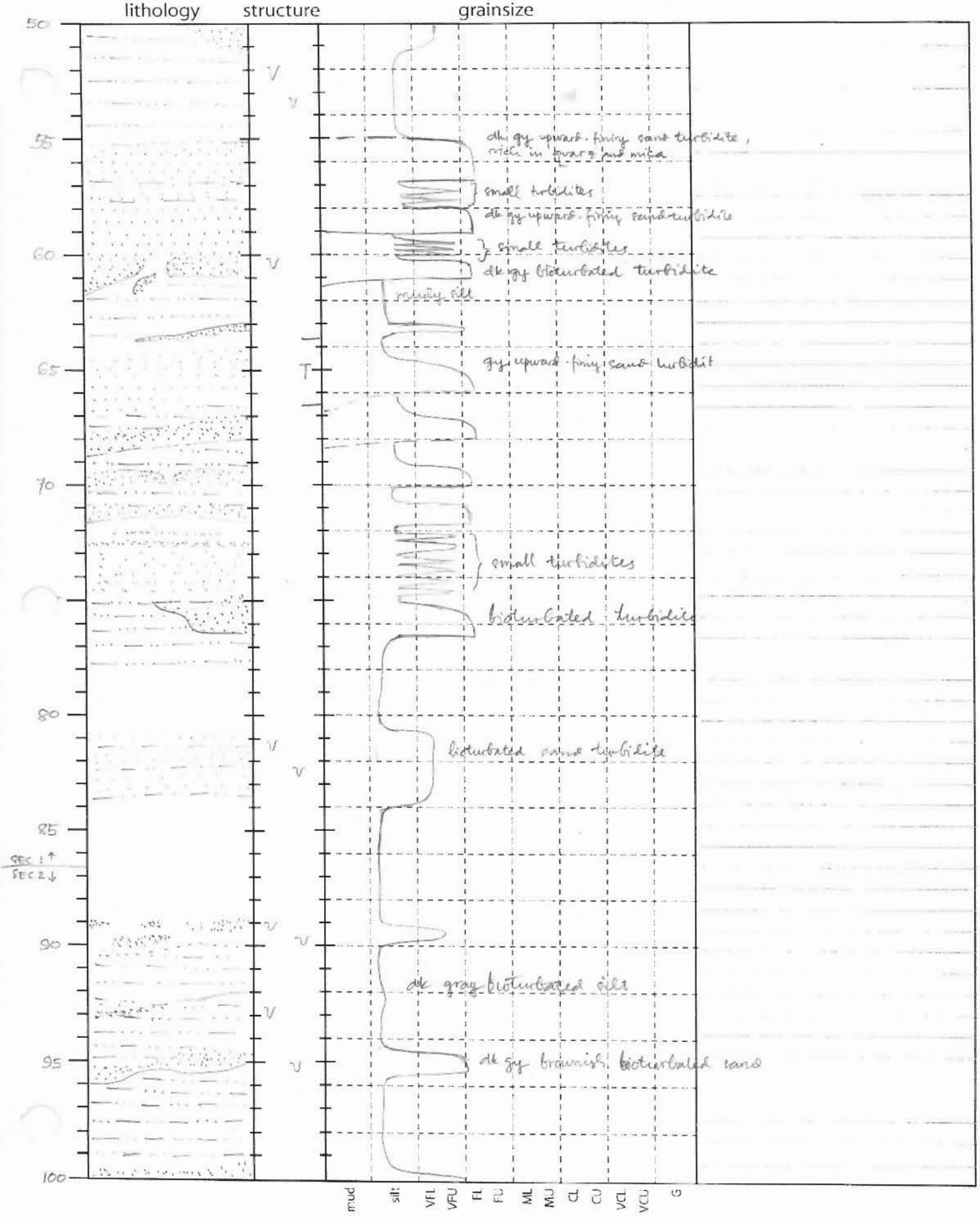
CORE LOG Core No. RR0705-38GC Section No. 1 of 2 sheet 1 of 4

Date 20/05/07 Described by SAPTA Archive/Working



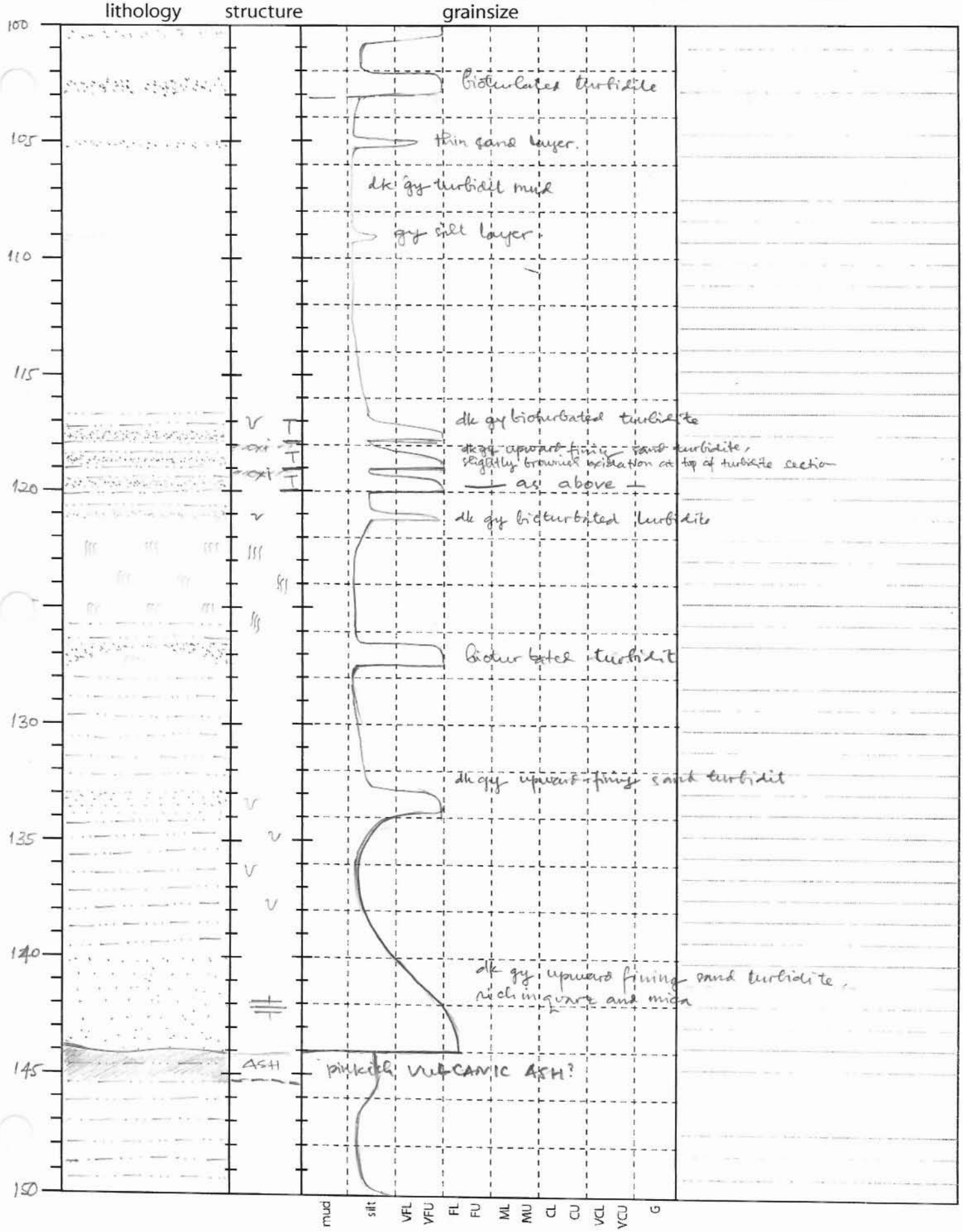
CORE LOG Core No. RR0705 - 28 GC Section No. 1 of 2 sheet 2 of 4

Date 20/05/07 Described by SAPTA Archive/Working



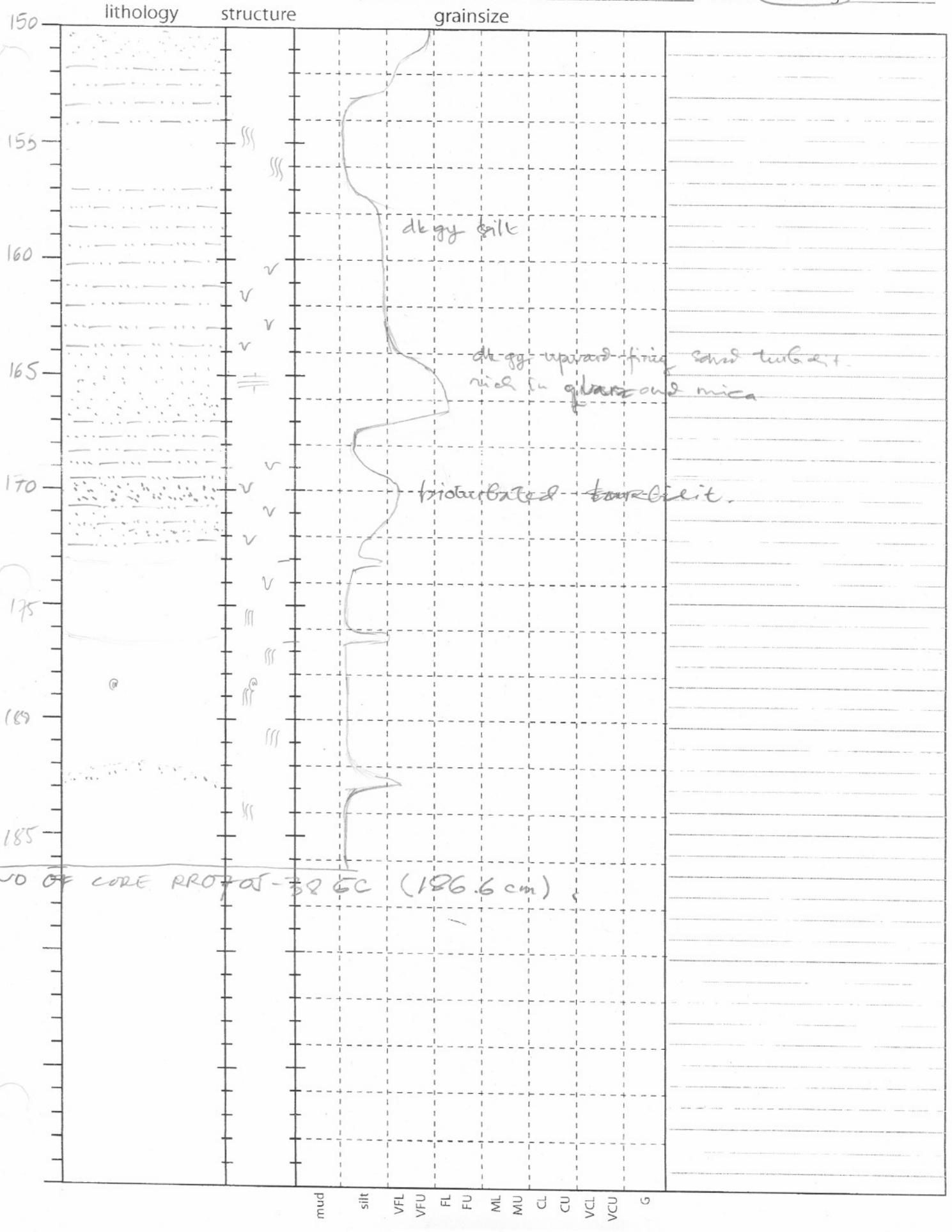
CORE LOG Core No. RR0705 - 28 GC Section No. 2 of 2. sheet 3 of 4

Date 20 / 05 / 07 Described by SAPTA Archive/Working



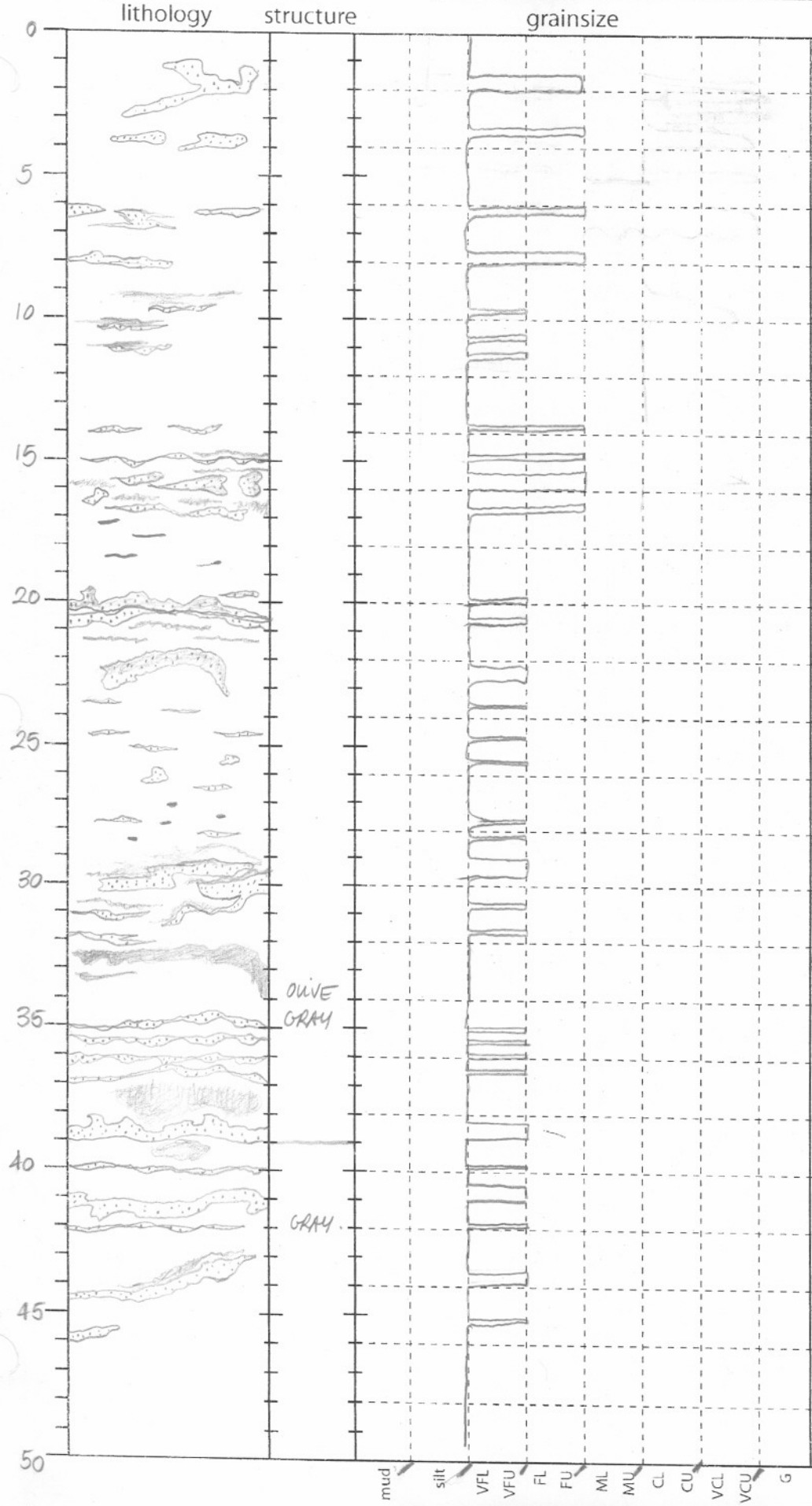
CORE LOG Core No. RR0705-38GC Section No. R of 2 sheet 4 of 4

Date 20/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-39KG Section No. SEC 1 (209'7 CM.) sheet 1 of 5

Date 20/05/07 Described by ZORAIDA Archive/Working



1'5 - 8 CM: FINE SAND VENTS INTO DE SILTY BACKGROUND WITH IRREGULARS BOUNDARIES. (THE VENTS HAVE ROUNDED SHAPE APPERENCE)

6-8 CM: FINE SAND LAYERS. IRREGULAR BOUNDARIES AND NOT CONTINUOS LAYERS.

9-11 CM: BROWNISH OXIDATION LAYERS ABOVE VERY FINE SAND LAYERS / VENTS

14'5-17 CM: BROWNISH OXIDATION SPOTS

14-15 CM: FINE SAND THIN LAYERS WITH IRREGULAR BOUNDARIES

15'5 - 17 CM: FINE SAND VENTS OR LAYERS RELICTS WITH SUBROUNDED SHAPES. IN EACH SAND BODY THERE ARE BROWNISH OXIDATION

17-19 CM: BLACK SPOTS / LITTLE LAYERS (~1CM).

20 CM: V.F. SAND LAYER WITH IRREGULAR BOUNDARIES AND BROWNISH OXIDATION

20'5 CM: V.F. SAND LAYER WITH IRREGULAR AND DIFFUSED BOUNDARIES.

21-22 CM: THIN BROWNISH OX. LAYERS

21'5-23'5 CM: V.F SAND LAYER (VENTS) BLENDED? WITH BROWNISH OXIDATION

23 -28 CM: THIN LAYERS OF V.F SAND RELICTS OR VENTS. THERE ARE SOMEONES WITH ROUNDED SHAPES AND OTHERS WITH EVONGATED SHAPE

27-29 CM: BLACK SPOTS

29'5-30 -30'5 CM: FOLDED V.F SAND LAYER WITH AND IRREGULAR UPPER BOUNDARY AND A SHAPE LOWER BOUNDARY. THE UPPER BOUNDARY MAINTAIN A BROWNISH OXIDATION LIKE THE SILTY PART THAT HAVE ABOVE. IRREGULAR BOUNDARIES

30'5 - 32 CM: THIN V.F SAND LAYER INTERFINGERING A SILTY BACKGROUND WITH BROWNISH OX. LAYERING

32 - 33'5 CM: DARK BROWNISH OX. LAYER

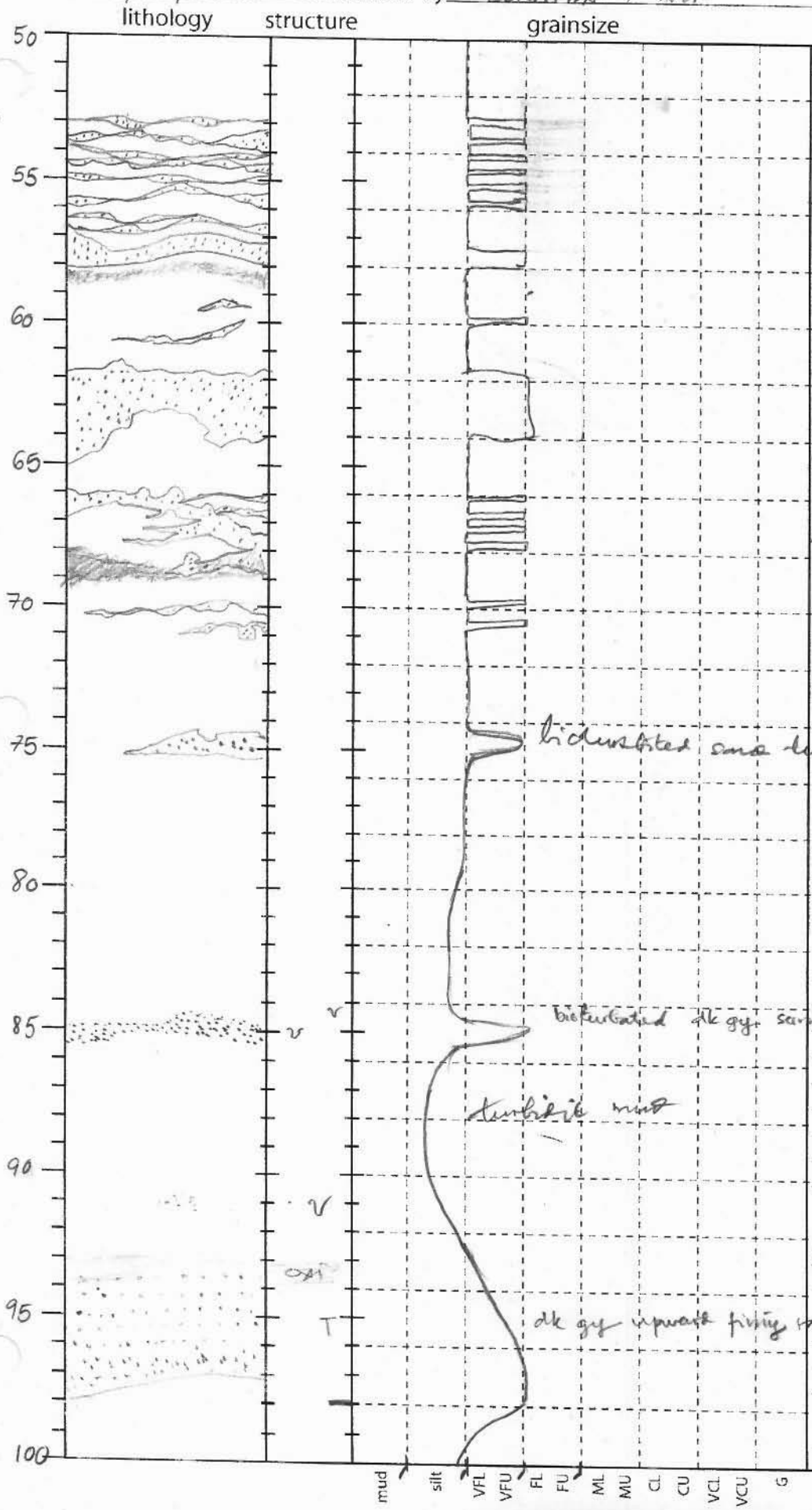
35 - 37 CM: INTERFINGERING OF THIN V.F SAND LAYERS WITH IRREGULARS BOUNDARIES AND NOT VERY WELL DEFINEDS.

41 CM: FOLDED V.F SAND LAYER WITH PLANE BOUNDARIES

43 - 44'5 CM: BROWNISH OXIDATION LAYERING

CORE LOG Core No. RR0705-39KG1 Section No. SEC 1 sheet 2 of 5

Date 20/05/07 Described by ZORAIDA / SAFIA Archive/Working



53 - 58 CM : INTERFINGERING OF V.F. SAND LAYERS WITH THE SILTY LAYERS WITH IRREGULAR BOUNDARIES. THE UPPERS LAYER ARE THINNERS THAN THE DOWNERS LAYERS

58 CM. LIGHT BROWNISH OXIDATION LAYER

62 - 65 CM : V.F. SAND LAYER WITH VERY IRREGULAR BOUNDARIES

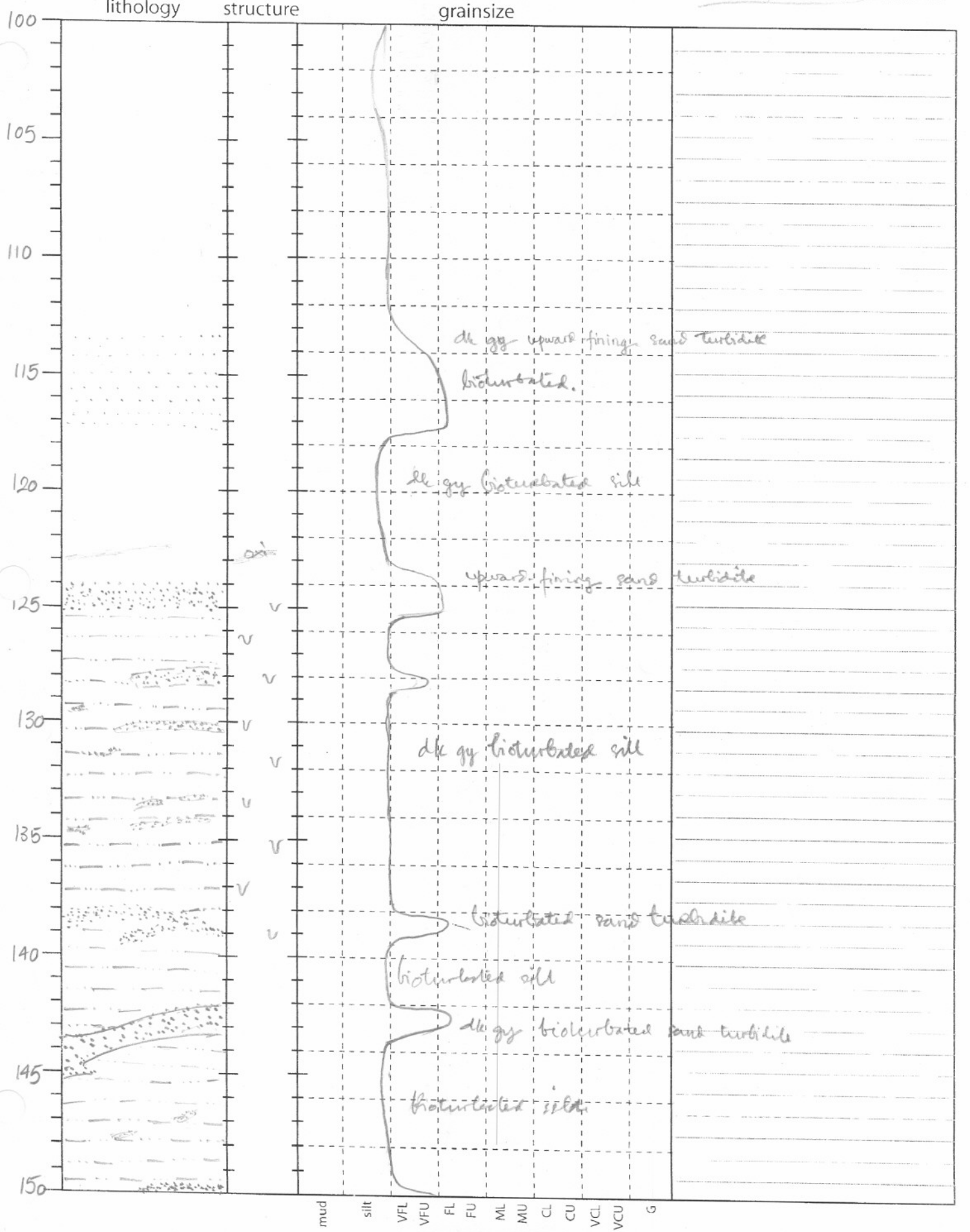
61 CM ; LIGHT BROWNISH OX. LAYER

66 - 69 CM, INTERFINGERING OF V.F. IRREGULAR LAYERS WITH SILT LAYERS. IN THE DOWNER PART ALSO THERE ARE A BROWNISH OXIDATION LAYER

88-89, slightly brownish oxidation

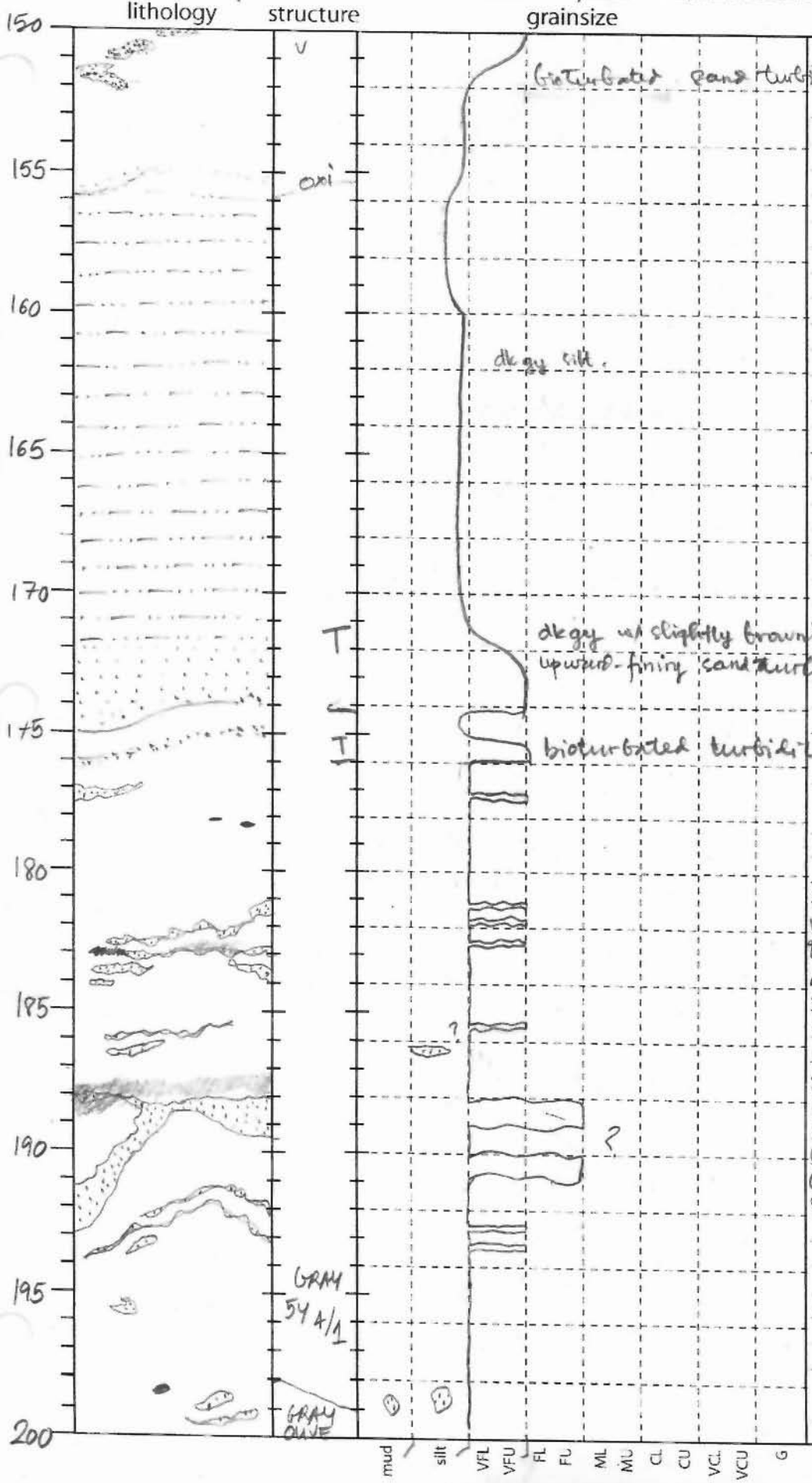
CORE LOG Core No. KR0705-39 KC Section No. 1 sheet 3 of 5

Date 21/05/07 Described by SAPTA. Archive/Working



CORE LOG Core No. RR0705 - 39 KC Section No. 1 of 1 sheet 4 of 5

Date 21/05/07 Described by SAPTA / ZORAIDA Archive/Working



150 graded sand turbidite

155 - slightly brownish oxidation layers.

160 dk gy silt.

165

170 dk gy w/ slightly brownish oxidation upward-fining sand turbidite.

175 bioturbated turbidite

178 CM: BLACK SPOTS

180 181-184 CM: V.F SAND LAYERS WITH IRREGULARS BOUNDARIES THE DOWNER SEEMS EROSIVE AND NITIZOUS. AND THE UPPER BOUNDARY, VERY DIFFUSE. ALSO THERE ARE BROWNISH AND BLACKISH OXIDATION LAYERS.

185 188 CM: LIGHT BROWNISH OXIDATION LAYER.

190 188-193 CM: IRREGULAR V.F/F SAND LAYER WITH IRREGULARS AND CLEARS BOUNDARY (EROSIVE) AND FLUTE STRUCTURES?

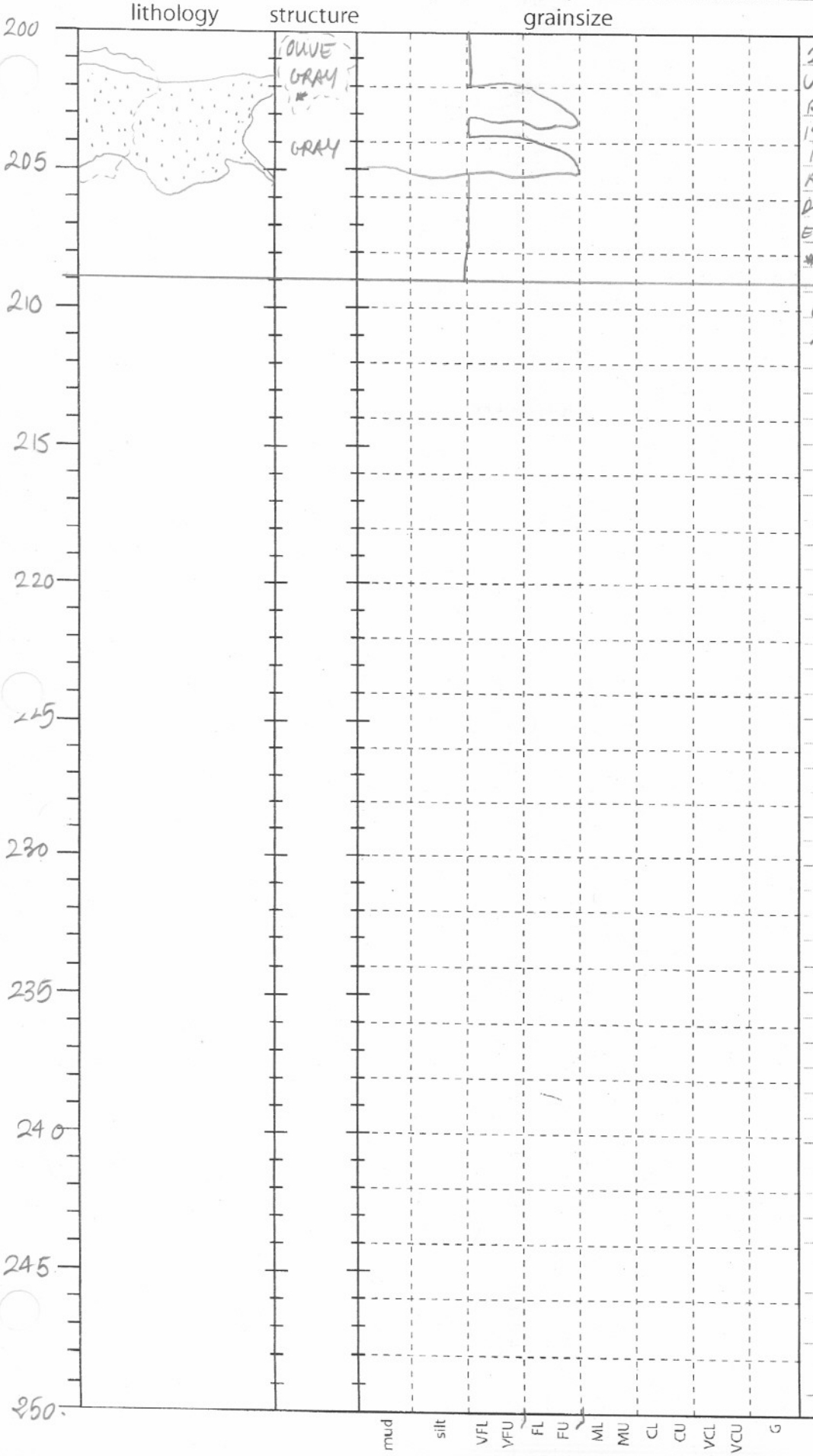
195 198-200: SAND BALLS (BIOTURBATION?)

198: BLACK SPOT.

200

CORE LOG Core No. RR070539KC Section No. 1 sheet 5 of 5

Date 21/05/07 Described by ZORAIDA Archive/Working

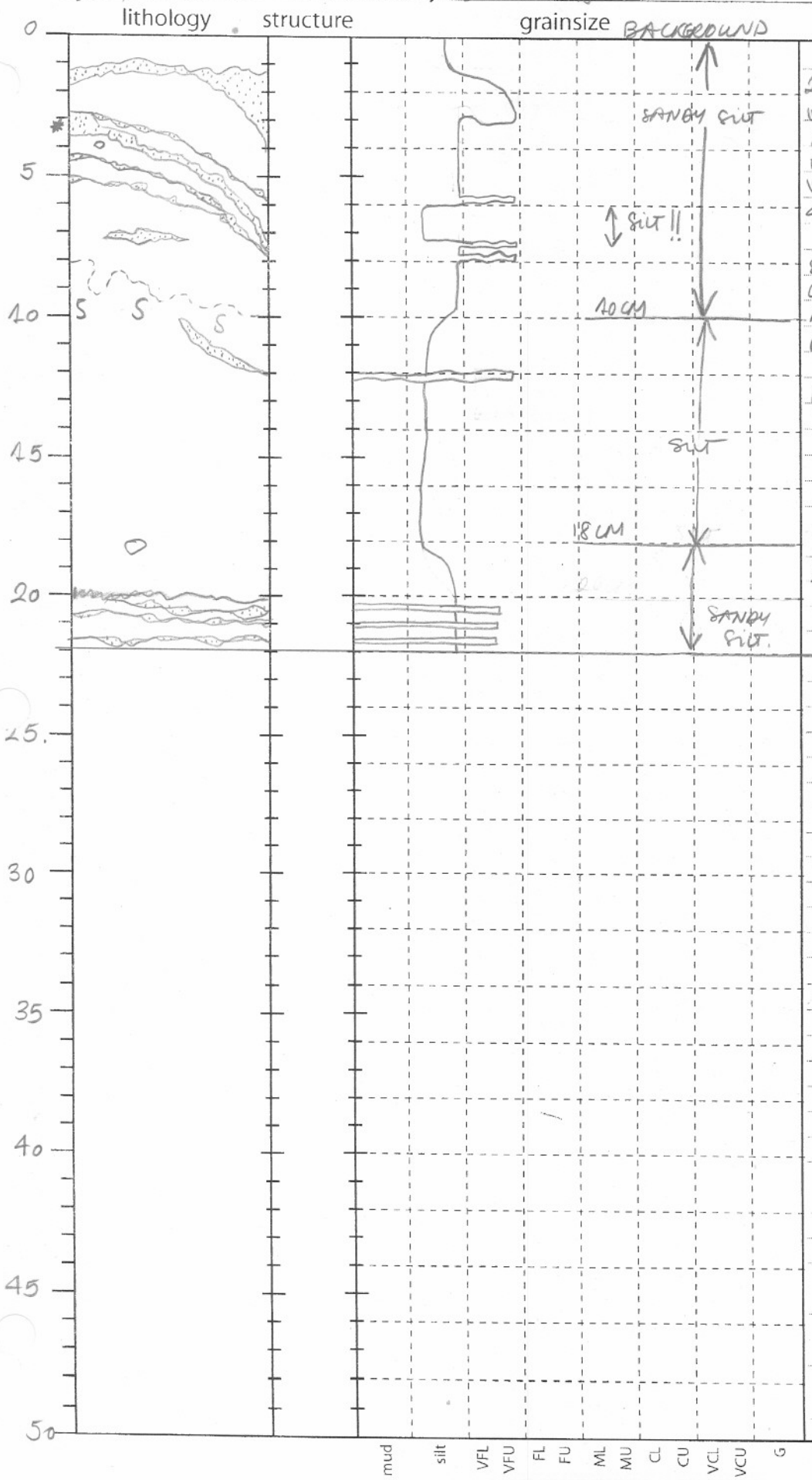


201.5 – 205 CM: FINE TO VF SAND LAYER WITH GRAINSIZE DECREASING GRADATION INTO IT. THE UPPER BOUNDARY IS NOT VERY CLEAR. BUT ALTHOUGH ARE IRREGULARS. THE LOWER BOUNDARY SEEMS EROSIVE
* COLOUR CHANGE (BIOTURBATION?)

END OF THE SECTION 1
209 CM.

CORE LOG Core No. RR0705-39KG1 Section No. 2 (0-22 CM) sheet 1 of 1

Date 20/05/07 Described by ZORAIDA Archive/Working



2-7 CM: V.F SAND LAYERS WITH IRREGULARS BOUNDARIES AND NON CLEARS WITH A EXCEPTION OF THE LAYER * WITH VERY CLEARS BOUNDARIES

4 CM: WHITE SOFT SHAPE

8-10 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

10 CM: IRREGULAR BACKGROUND GRAINSIZE CHANGE LAYER

12 CM: BLEND V.F SAND LAYER.

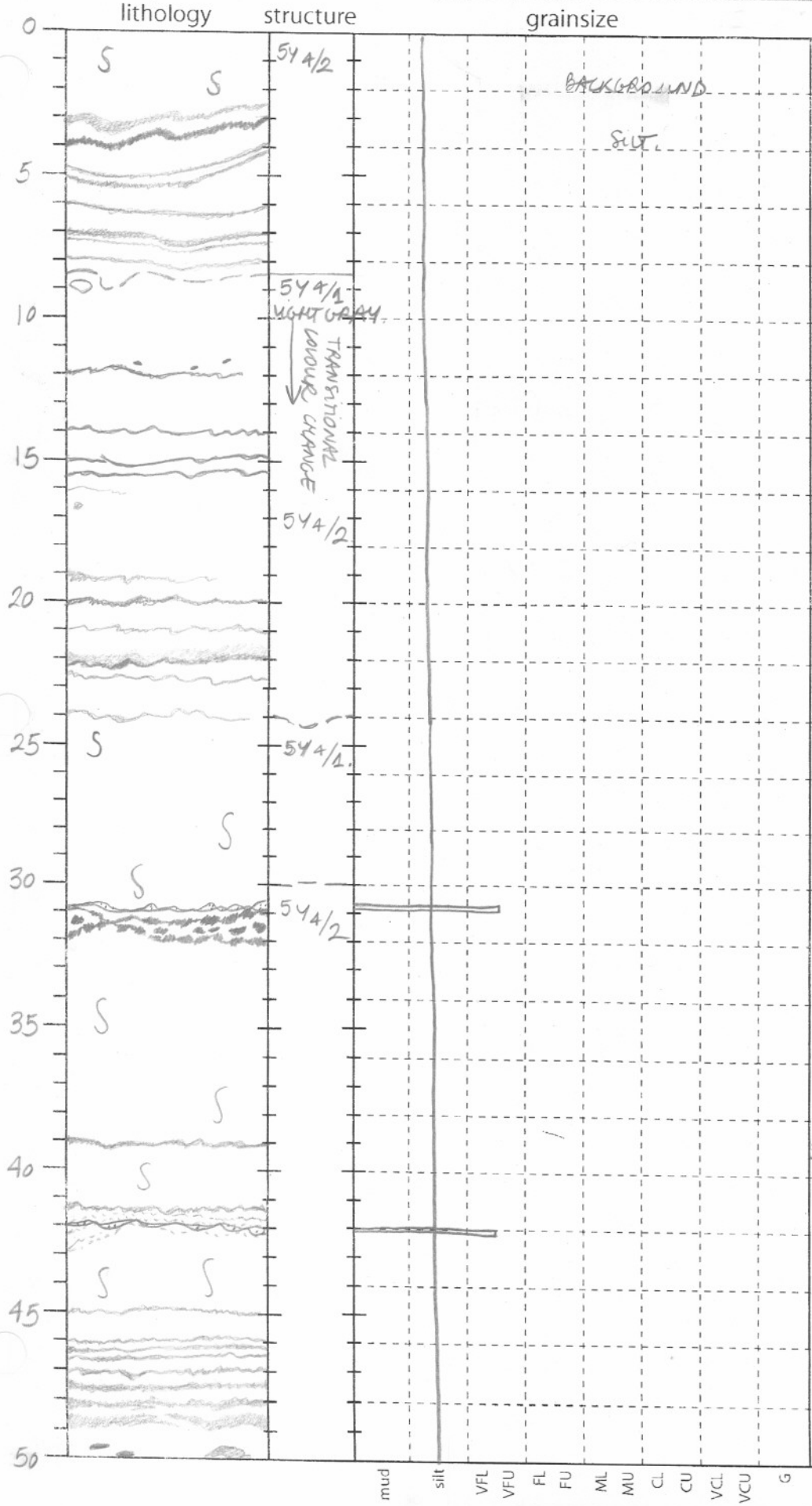
18 CM: WHITE SOFT SHAPE

20 CM: BROWNISH OXIDATION LAYER.

END OF THE CORE 22 CM.

CORE LOG Core No. RR0705-406GC Section No. 1 (0-122 CM.) sheet 1 of 3

Date 20/05/07 Described by ZORAIDA Archive/Working



0-3 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

2'5 - 8 CM: BROWNISH OXIDATION LAYERED ZONE.

8'5 CM: VERY CLEAR (IRREGULAR BOUNDARY) COLOUR CHANGE.

13 CM: BLACK SPOTS (2MM).

12 - 16 CM: BROWNISH OXIDATION LAYERED ZONE.

19 - 24 CM: BROWNISH OXIDATION LAYERED ZONE

23'5 - 50 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

31 - 32 CM: BROWNISH OXIDATION ~~BASIN~~ LAYER

39 CM: BROWNISH OXIDATION LAYER

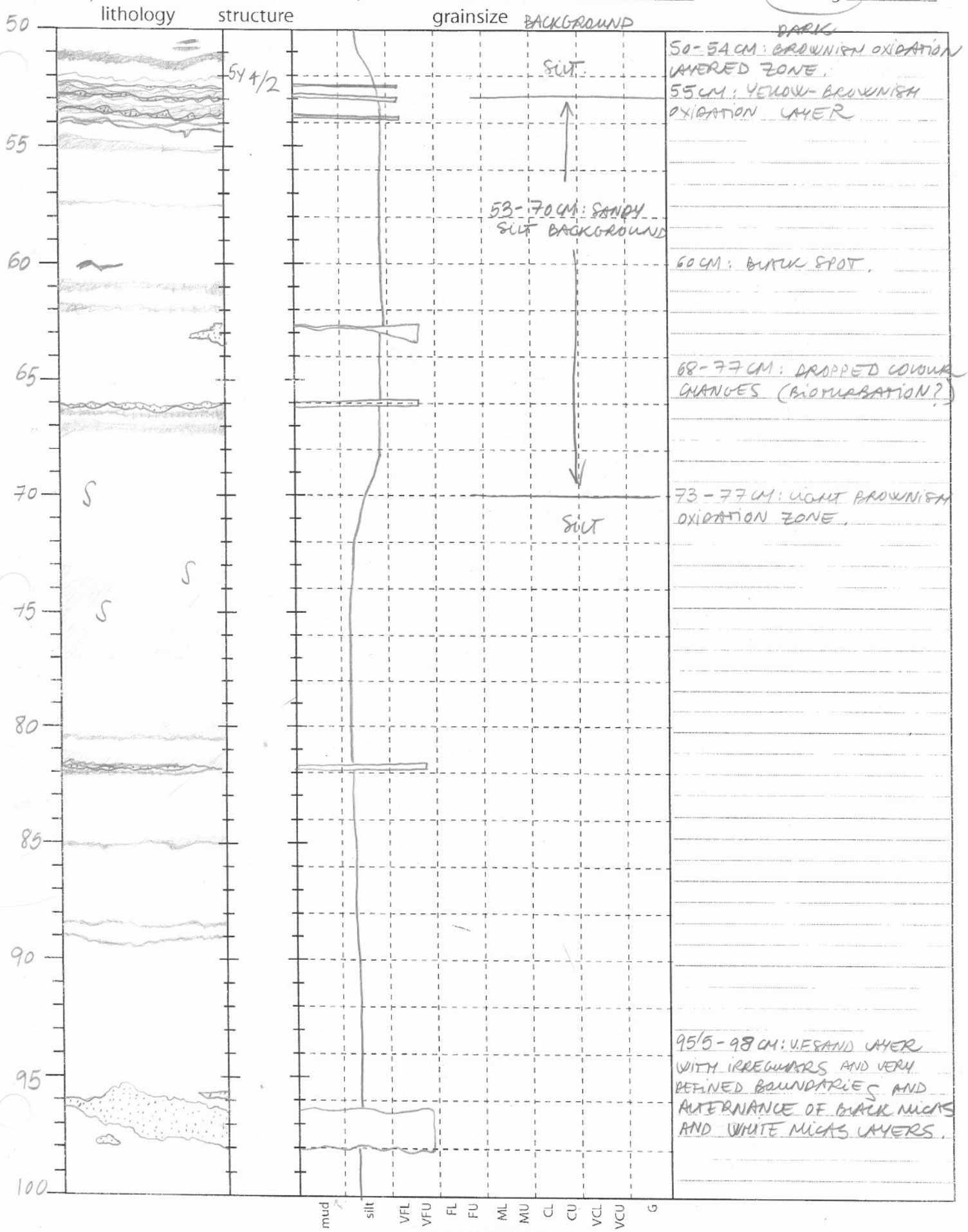
41'5 - 42 CM: BROWNISH OXIDATION FINE LAYERS.

45 - 49 CM: BROWNISH OXIDATION LAYERED ZONE

49'5 CM: BLACK SPOTS.

CORE LOG Core No. KR0705-40GC Section No. 1 sheet 2 of 3

Date 20/05/07 Described by ZORAIDA Archive/Working



DARK

50-54 CM: BROWNISH OXIDATION LAYERED ZONE.

55 CM: YELLOW-BROWNISH OXIDATION LAYER

60 CM: BURROW SPOT.

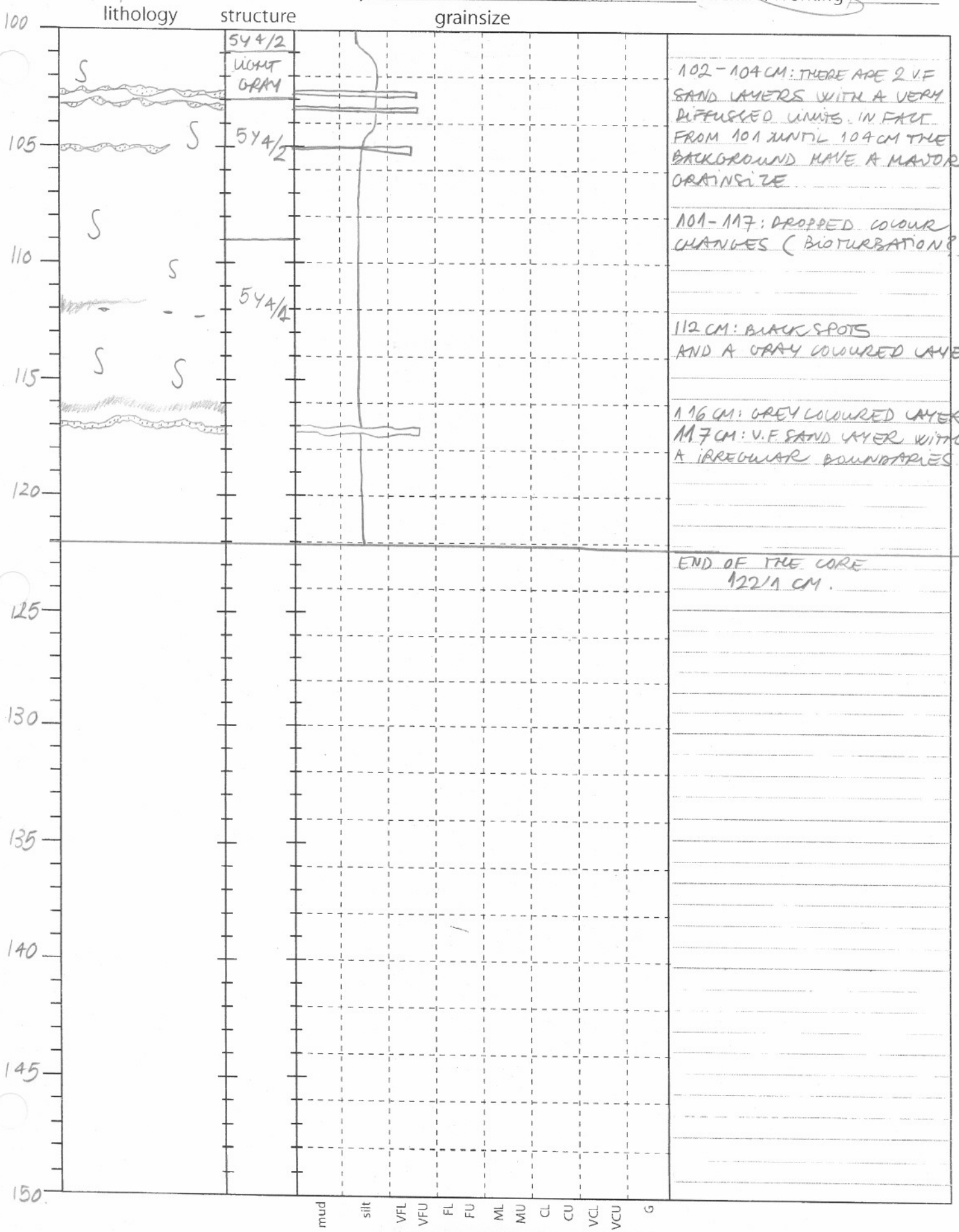
68-77 CM: DROPPED COLOUR CHANGES (BIOTURBATION?)

73-77 CM: LIGHT BROWNISH OXIDATION ZONE.

95/5-98 CM: V.F SAND LAYER WITH IRREGULARS AND VERY REFINED BOUNDARIES AND ALTERNANCE OF BLACK MICAS AND WHITE MICAS LAYERS.

CORE LOG Core No. RR0705-40GC Section No. 1 sheet 3 of 3

Date 20/05/07 Described by ZORAIDA Archive/Working



102 - 104 CM: THERE ARE 2 V.F SAND LAYERS WITH A VERY DIFFUSED LIMITS. IN FACT FROM 101 UNTIL 104 CM THE BACKGROUND HAVE A MAYOR GRAINSIZE

101 - 117: DROPPED COLOUR CHANGES (BIOTURBATION?)

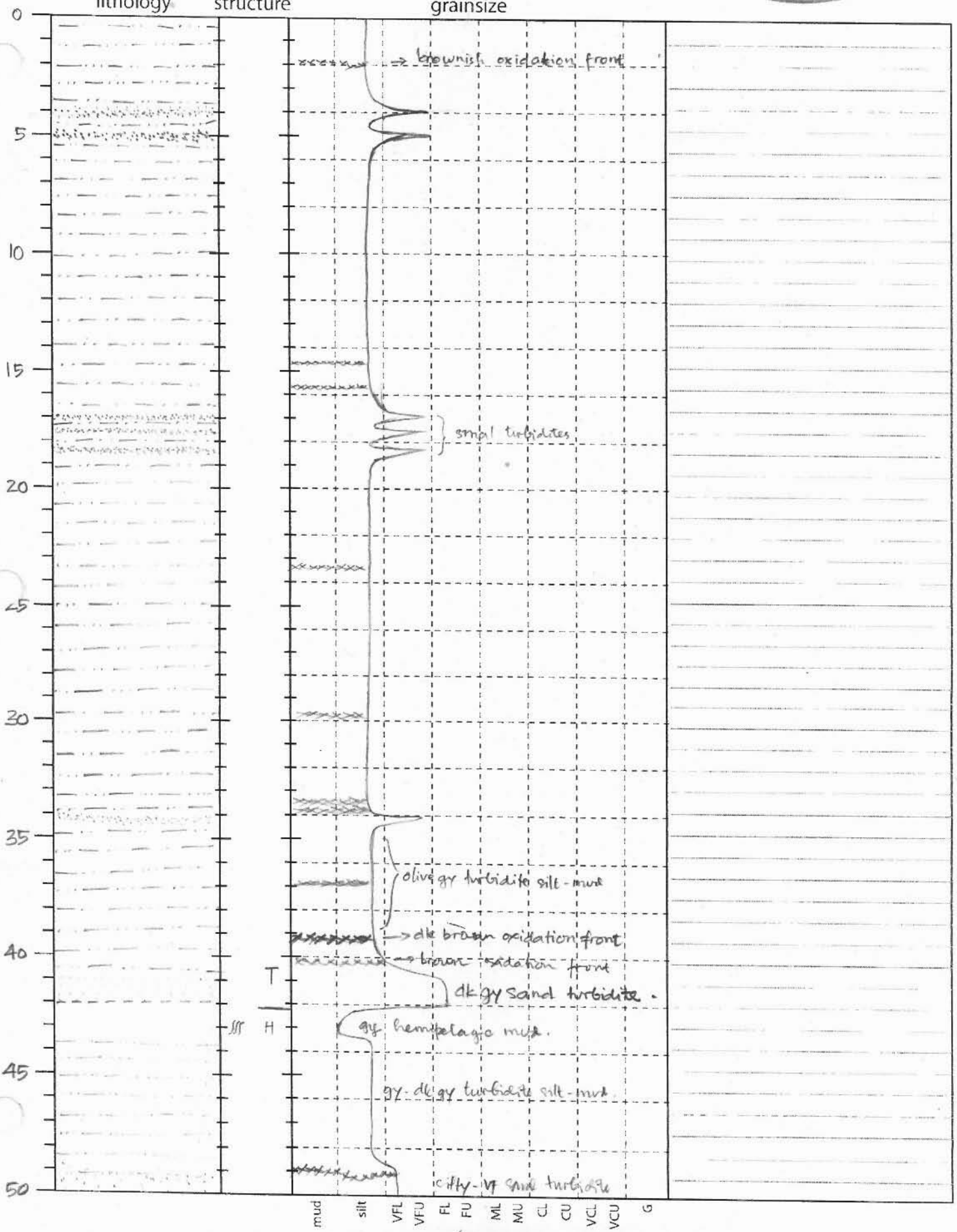
112 CM: BLACK SPOTS AND A GRAY COLOURED LAYER

116 CM: GREY COLOURED LAYER
117 CM: V.F SAND LAYER WITH A IRREGULAR BOUNDARIES

END OF THE CORE
122.1 CM.

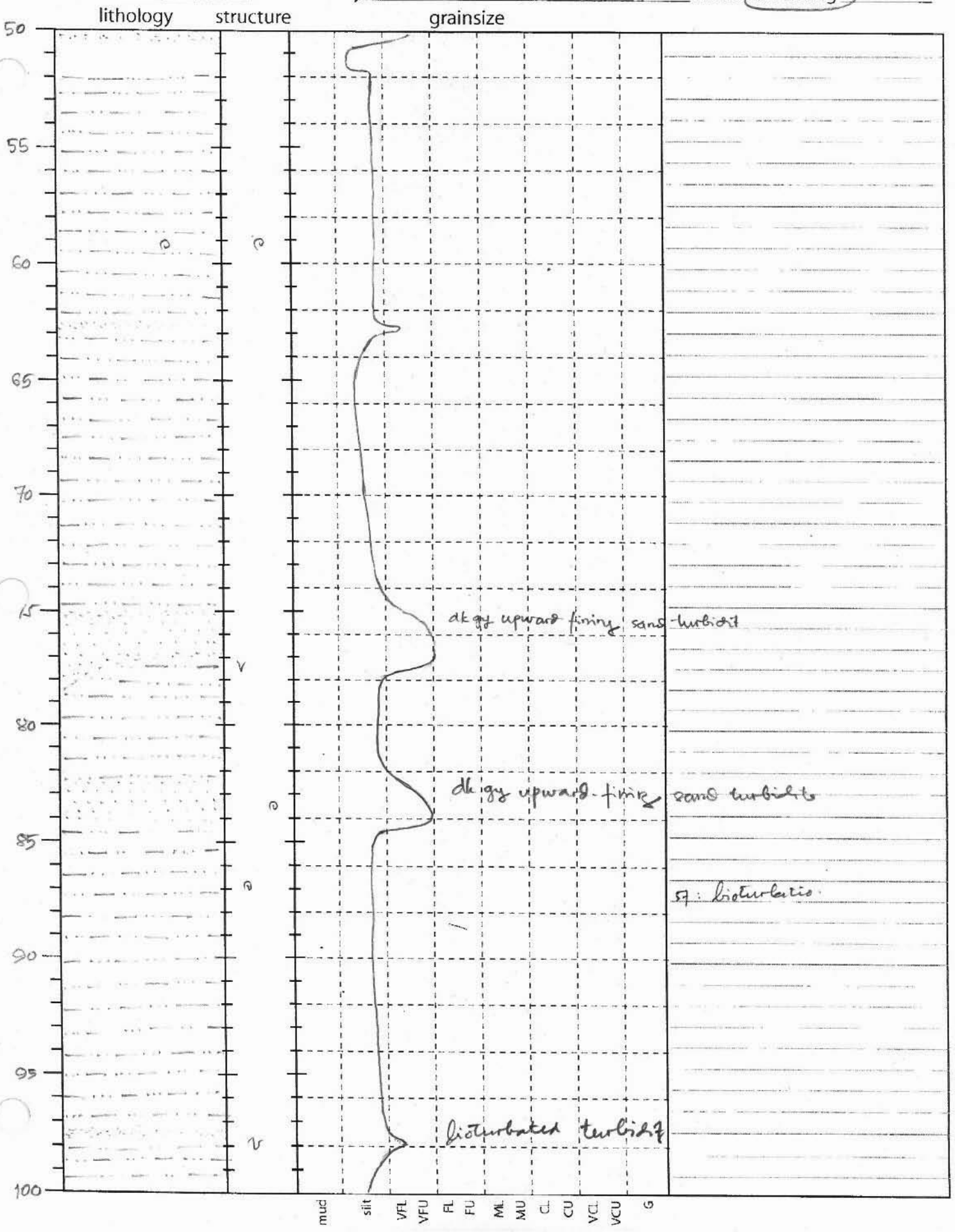
CORE LOG Core No. RR0705 - 41GC Section No. 1 of 2 sheet 1 of 4

Date 21/05/07 Described by SAPTA Archive/Working



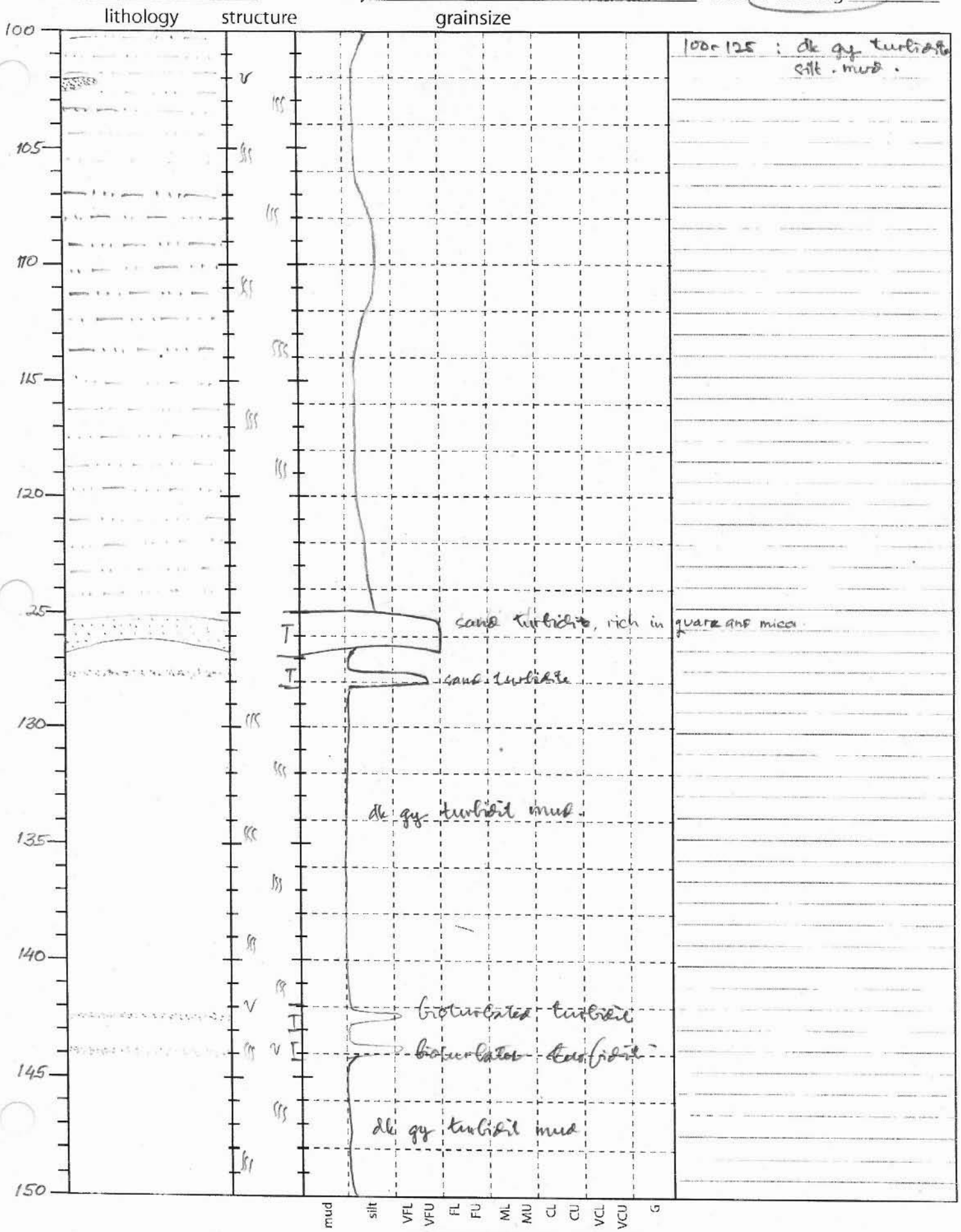
CORE LOG Core No. RR0705-41GC Section No. 1 of 2 sheet 2 of 4

Date 21/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 41 GC Section No. 2 sheet 3 of 4

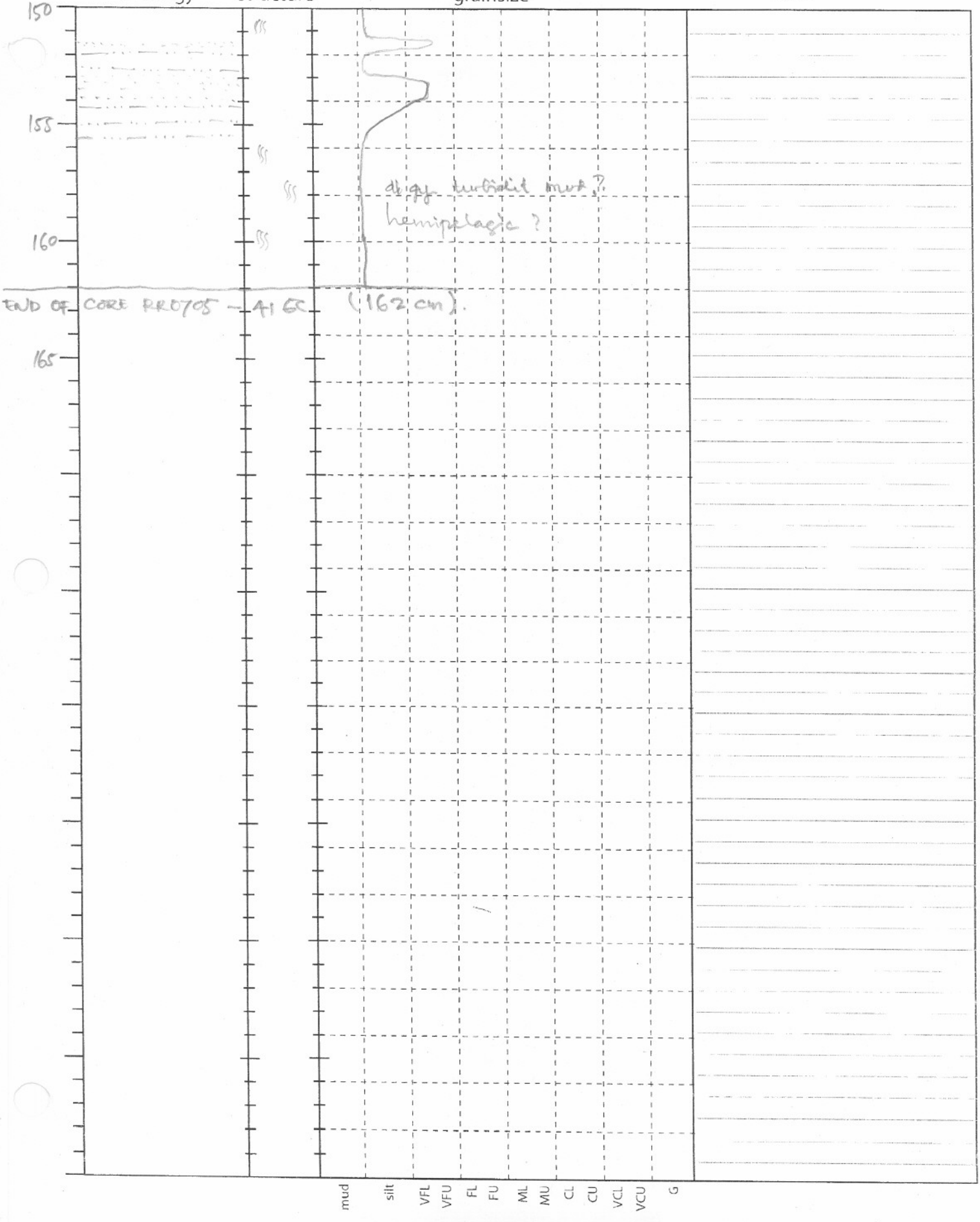
Date 21 / 05 / 07 Described by SAPTA Archive/Working



100-125 : dk gy turbidite silt. mud.

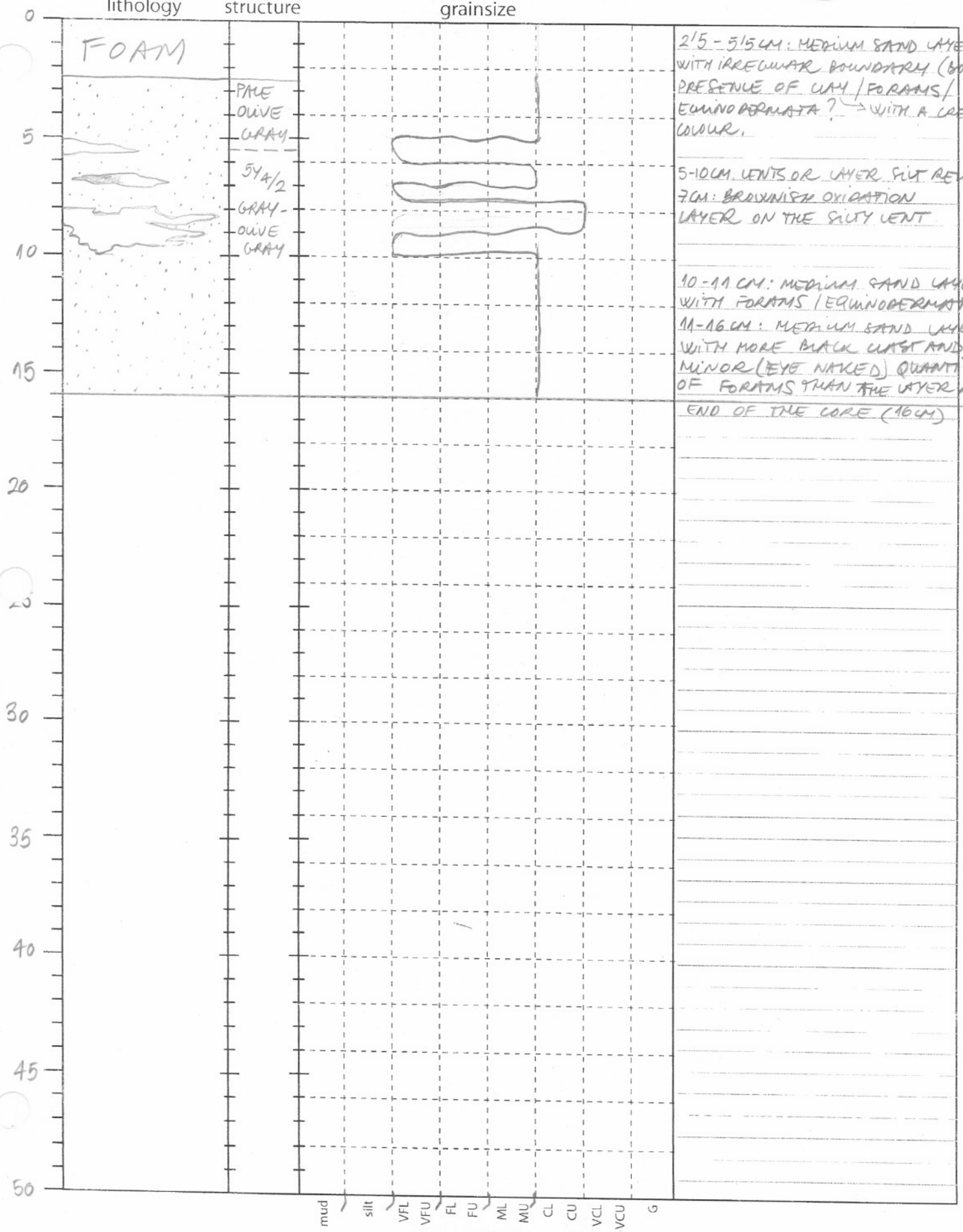
CORE LOG Core No. RR0705 - 41GC Section No. 2 sheet 4 of 4

Date 21/05/07. Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-42GC Section No. 1 sheet 1 of 1

Date 22/05/07 Described by ZORAIDA Archive/Working



2/5 - 5/5 CM: MEDIUM SAND LAYER WITH IRREGULAR BOUNDARY (BOTTOM) PRESENCE OF CLAY / FORAMS / EQUINODERMATA ? → WITH A CREAM COLOUR.

5-10 CM. VENTS OR LAYER SILT RELICT

7 CM: BROWNISH OXIDATION LAYER ON THE SILTY VENT

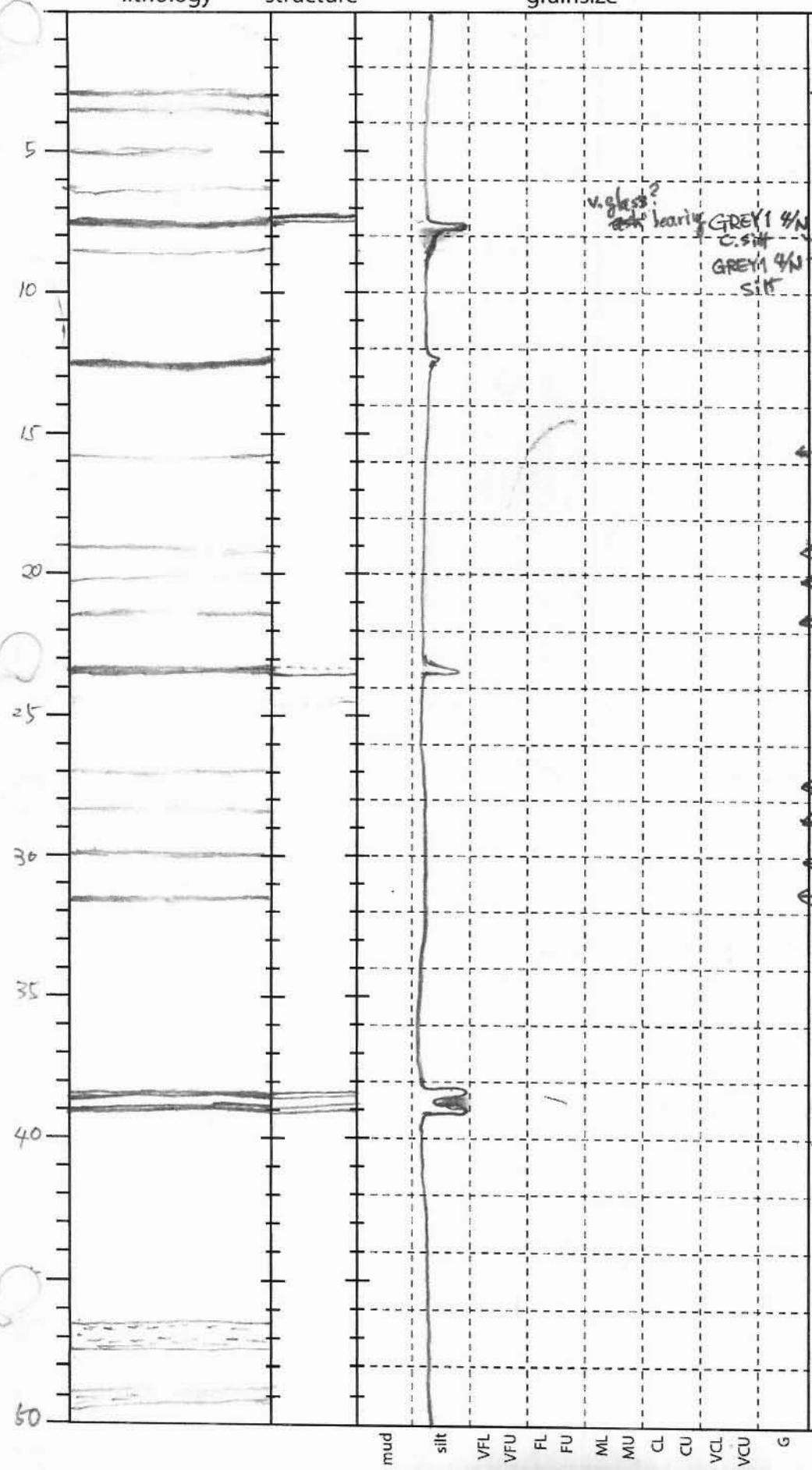
10-11 CM: MEDIUM SAND LAYER WITH FORAMS / EQUINODERMATA

11-16 CM: MEDIUM SAND LAYER WITH MORE BLACK CLASTS AND MINOR (EYE NAKED) QUANTITY OF FORAMS THAN THE LAYER ABOVE

END OF THE CORE (16 CM)

CORE LOG Core No. RR0705-K3GC Section No. 1 sheet 1 of 2

Date 22/05/2007 Described by Kan Archive/~~Working~~



5Y4/2 silt

2.8-3.0 10YR4/1 brown oxidized? layer

3.2-3.3 "

6.4-6.5 10YR4/1 brown oxidized layer

7.5-7.7 sharp gray sand

8.5 gray mud gradual

12.3-12.4 Gray1 4/N m.silt

12.4-14 GREY1 4/N silt

14 color gradually changed

← brownish (2.5Y4/3) layer

5Y4/1 silt with thin brownish layers.

← brownish

← brownish

← brownish

23.2-23.5 GREY1 4/10Y c.silt

← brownish

5Y4/1 silt with thin brownish layers

← brownish

38.3-38.5 Grey1 4/10Y v.glass ash bearing

38.8-39 c.silt

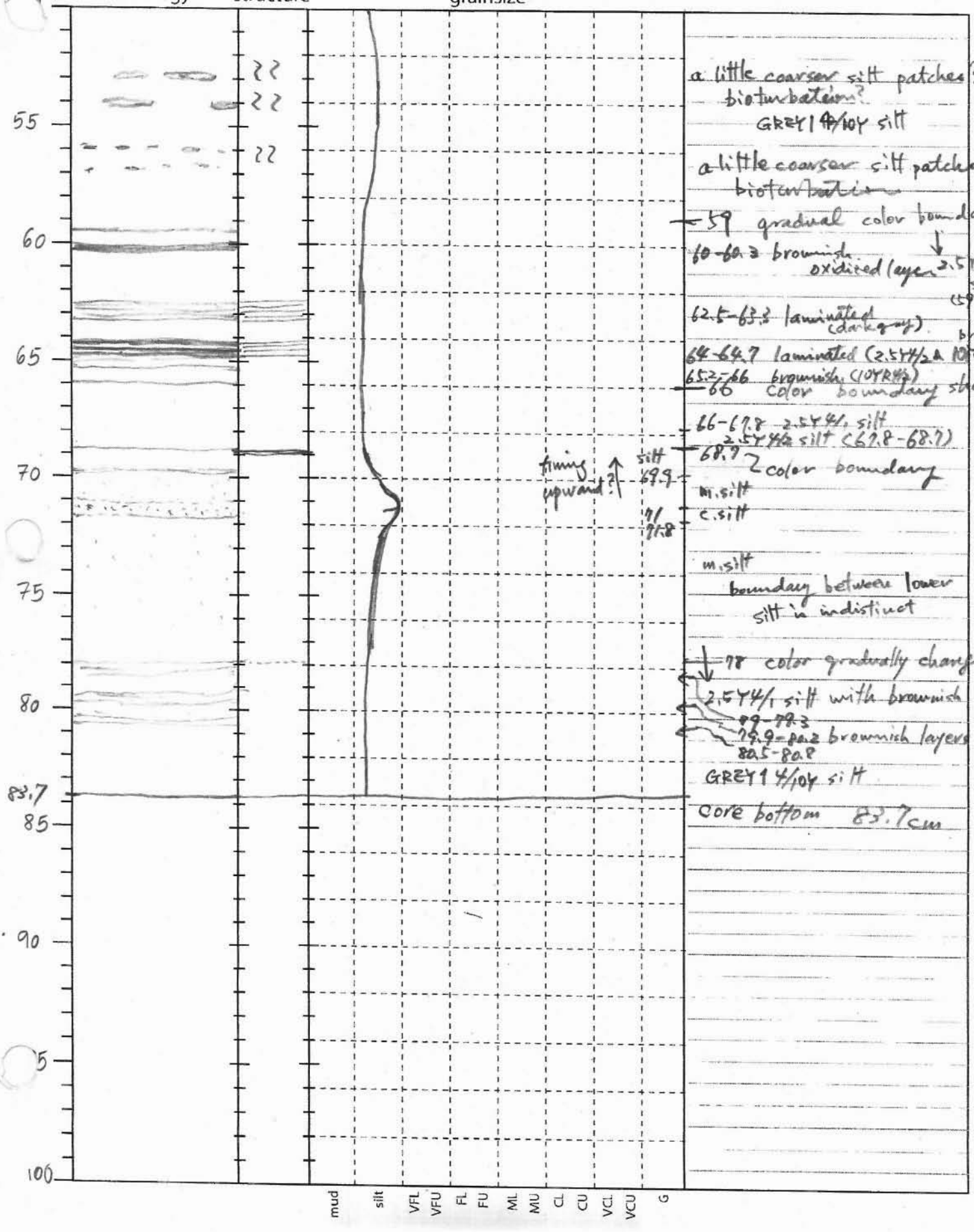
GREY1 4/10Y silt

46.5-47.3 10YR4/1 oxidized silt

48.8-49.3 10YR4/2 oxidized silt

CORE LOG Core No. RR0705-~~30KG~~ K3GC Section No. # 1 sheet 2 of ~~4~~ 2

Date 22/05/2007 Described by Ken Archive/~~Working~~



a little coarser silt patches? bioturbation?
GREY1 4/10Y silt

a little coarser silt patches? bioturbation

59 gradual color boundary

60-60.3 brownish oxidized layer 2.5Y4/2 silt (59-66)

62.5-63.3 laminated (dark gray)

64-64.7 laminated (2.5Y4/2 & 10YR4/3) brown

65.2-66 brownish (10YR4/3)

66 color boundary sharp.

66-67.8 2.5Y4/1 silt

2.5Y4/2 silt (67.8-68.7)

68.7 color boundary

m.silt

c.silt

m.silt

boundary between lower silt is indistinct

78 color gradually change

2.5Y4/1 silt with brownish

79-79.3

79.9-80.2 brownish layers

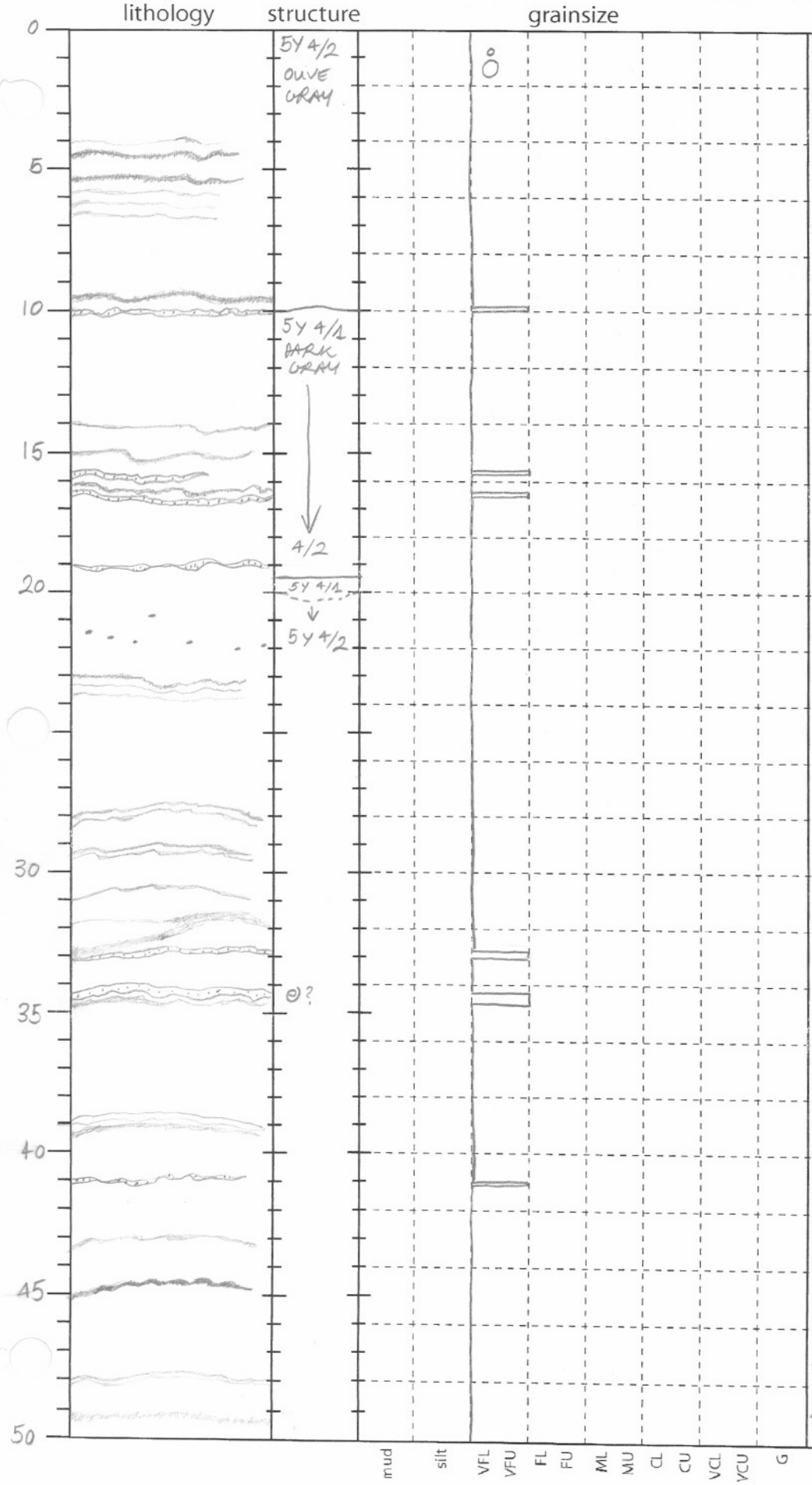
80.5-80.8

GREY1 4/10Y silt

core bottom 83.7cm

CORE LOG Core No. RR0705-45TC Section No. 1 sheet 1 of 3

Date 23/05/07 Described by ZORAIDA Archive/Working



4/5-6/5 CM: BROWNISH OXIDATION LAYERED ZONE.

0-2 CM: GRAINSIZE CHANGE FROM SILT (BOTTOM) TO LAYED SILT (TOP)

9/5 CM: BROWNISH LAYER

10 CM: SHARP BOUNDARY (CLEAR COLOUR CHANGE / V. FINE SAND LAYER)

10-18 CM: GRADUAL COLOUR CHANGE, BROWNISH LAYERS (14-16), V. FINE SAND LAYERS (15/5/16).

19CM: THIN V. FINE SAND LAYER LIGHT CHANGE COLOUR (20 CM:). WITH A SHARP UPPER BOUNDARY AND A GRADED COLOUR CHANGE IN THE DOWNER BOUNDARY

BLACK MILIMETRICAL SPOTS (20-22CM.)

BROWNISH LAYERS (23 - 23/5 CM.)

28 - 33 CM: BROWNISH LAYERED ZONE. AT THE END THIN V.F. SAND LAYER

34/5 CM: V.F. SAND LAYER (SHARP AND RIPPLED BOUNDARIES, FORAMS?)

39 CM: VERY PALE ROSY BROWN LAYER BELOW HER BROWNISH LAYER

41 CM: V. FINE SAND LAYER VERY THIN

43/5 CM: BROWNISH THIN LAYER

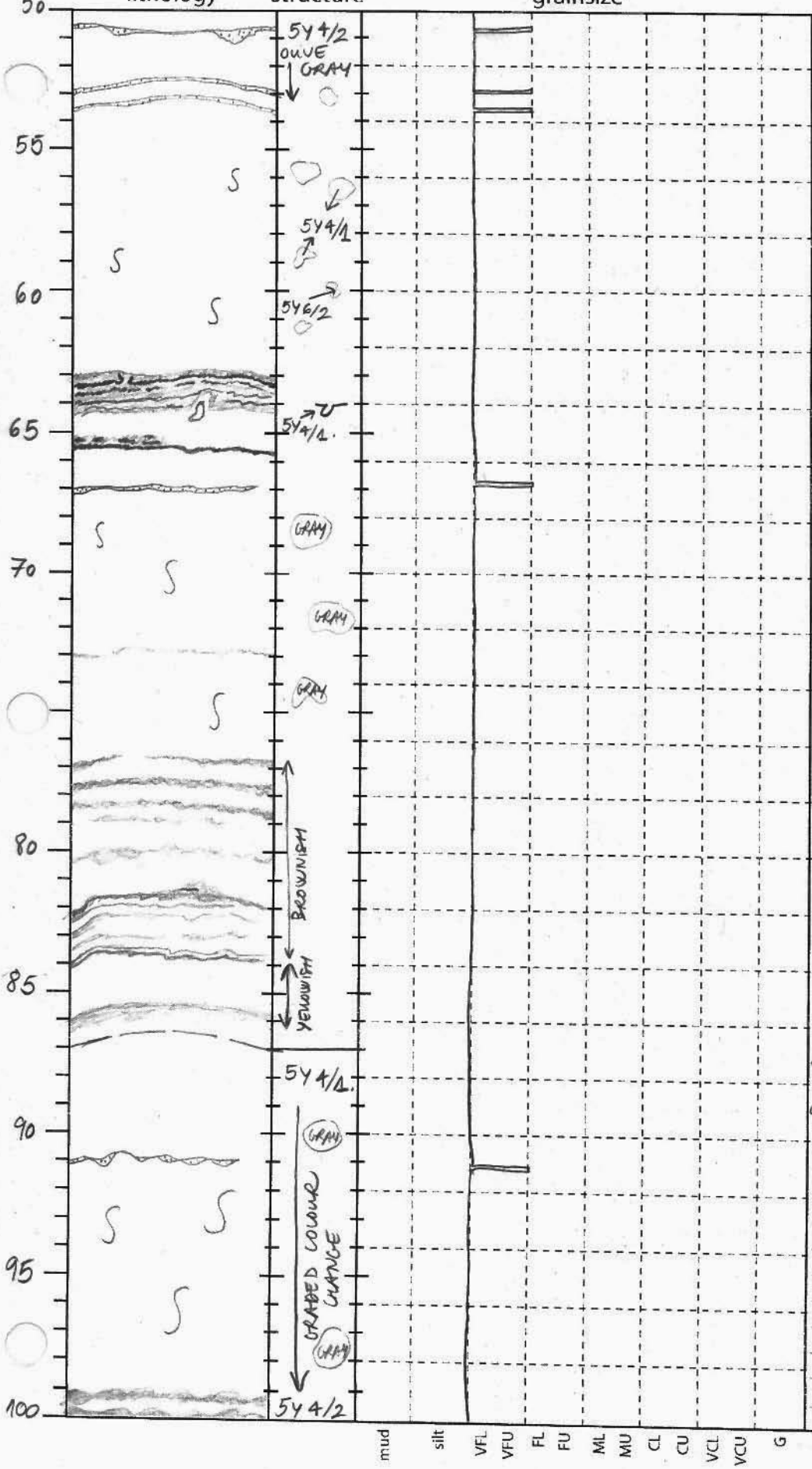
45 CM: DARK BROWNISH RIPPLED LAYER

48 CM: 2 THINS BROWNISH LAYERS

49/5 CM: DIFFUSED BROWNISH LAYER.

CORE LOG Core No. RR0705-45TC Section No. 1 sheet 2 of 3

Date 23/05/07 Described by ZORAIDA. Archive/Working



50/5 CM: V.F SAND LAYER (DIFFUSED AND RIPPLED BOUNDARIES, NO CONSTANT HEIGHT IN ALL LAYER).

53-53/5 CM: 2 PARALLEL THIN V.F SAND LAYERS (DIFFUSED BOUNDARIES

54-63 CM: GRADED COLOUR CHANGES GRAY AND OLIVE PALE GRAY DROPS IN A OLIVE GRAY SILT WITHOUT GRAINSIZE CHANGES. (BIOTURBATION?).

63-64/5 CM: BROWNISH OXIDATION ZONE (LAYERED). SHARPS BOUNDARIES CURVE SHAPE IN A DOWNER BOUNDARY (BURROW/BIOTURBATION)

VERY THIN V.F SAND LAYER (67 CM.)

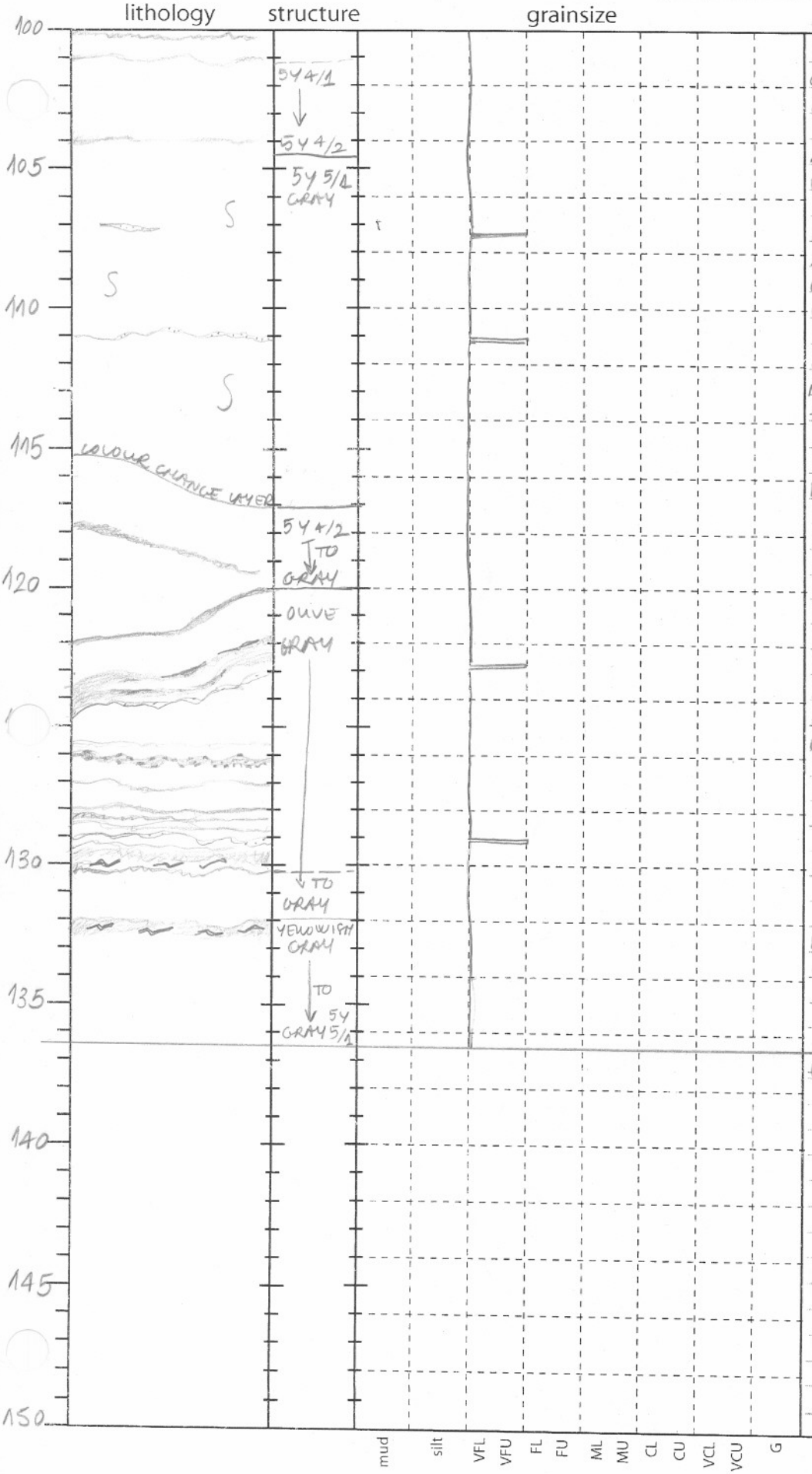
66-77 CM: DARK GRAY DROPS IN A OLIVE GRAY SILT (BIOTURBATION?). INTO THIS INTERVAL THERE ARE AN ABSENCE OF THESE DROPS (73 CM) WHERE APPEARS AN BROWNISH OXIDATION LAYER

77-84 CM: BROWNISH OXIDATION DIFFUSED LAYERS.
82-84 CM: BROWNISH OXIDATION FINE/SHARP LAYERS.
86 CM: YELLOW BROWNISH OXIDATION LAYER

87/90: COLOUR CHANGE FROM OLIVE GRAY (UP) TO DARK GRAY (DOWN).
92-100 CM: DROPS WITH GRAY COLOURATION AND V.F SAND GRAINSIZE INTO A OLIVE GRAY TO GRAY SILT LAYER (BIOTURBATION)??

CORE LOG Core No. RR0705-45TG Section No. 1 sheet 3 of 3

Date 23/05/07 Described by ZORAIDA Archive/Working



101-104 CM: GRADED COLOUR CHANGE FROM GRAY (UP) TO OLIVE YELOWISH GRAY (DOWN 101 (BROWNISH OXIDATION LAYER) 104 (YELOWISH BROWN OXIDATION? LAYER)

104-115: SILTY GRAY LAYER WITH A PALE GRAY DROPS WITHOUT GRAINSIZE CHANGES. VF SAND (BIOTURBATION?) LAYERS (107/111 CM.)

113/115 CM: RIPPLED LINE THAT MARKS A CLEAR COLOUR CHANGE FROM GRAY 5Y 5/1 (UP) TO OLIVE GRAY (5Y 4/2) (DOWN).

116 - 120/122: GRADED COLOUR CHANGE FROM OLIVE GRAY (UP) TO GRAY (DOWN) IN A RIPPLED SILT LAYER

120/122-130: BROWNISH OXIDATION LAYERED ZONE.

130 - 132 CM: COLOUR CHANGE FROM BROWNISH OXIDATED OLIVE GRAY (UP) TO GRAY (DOWN) CRACKS (130 CM.)

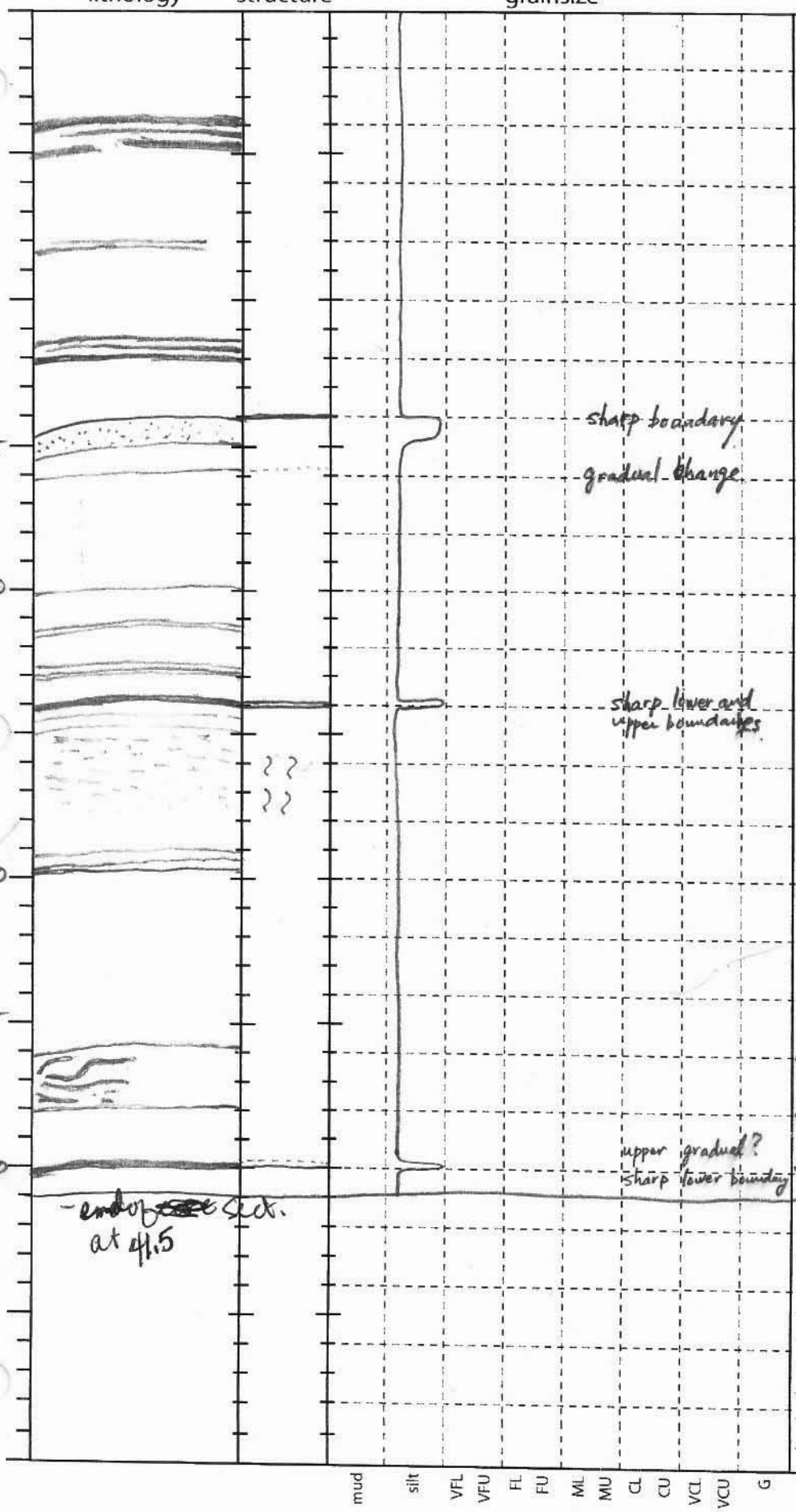
132-136'5 CM: GRADED COLOUR CHANGE FROM YELOWISH (OXIDATION?) GRAY (UP) TO GRAY (DOWN) IN A SILTY LAYER CRACKS (132 CM).

SECTION 1 (0-136'5 CM.)

END OF THE CORE, 136'5 CM.

RE LOG Core No. RR0705 - 45PC Section No. 1 sheet 1 of 1

ate 23/05/2007 Described by Ken Archive/Working



Top 5Y4/2 silt

3.8-5 5YR3/2 layers (partly brownish)

0-14: 5Y4/2 silt with brownish or darker layers

11.5-12.2 10YR3/2 brown oxidized? layers

14-15 GREY1 4/10Y c. silt vol. glass bearing

15-15.7 GREY1 4/10Y silt.

5Y4/1 silt grayish

15.7-23.9cm: 5Y4/1-4/2 silt with brown oxidized? layers.

20cm, 21.1cm, 21.3cm, 22.6, 22.8, 23cm ← brownish oxidized? layers

5Y4/2 silt

23.9-24 cm: GREY1 4/10Y c. silt vol. glass bearing

24-24.5 cm: 5Y4/2 silt

24.5-25 cm: GREY1 4/10Y silt

25-28cm: 5Y4/1 silt with tiny lighter spots (small burrows?)

←29, 29.5, 29.8 brownish oxidized? layers

28-39.8cm: 5Y4/1 silt with brownish oxidized? layers.

←35.5 brownish oxidized? layer

burrow? filled by 5Y3/1 silt

←37.8 brownish oxidized layer

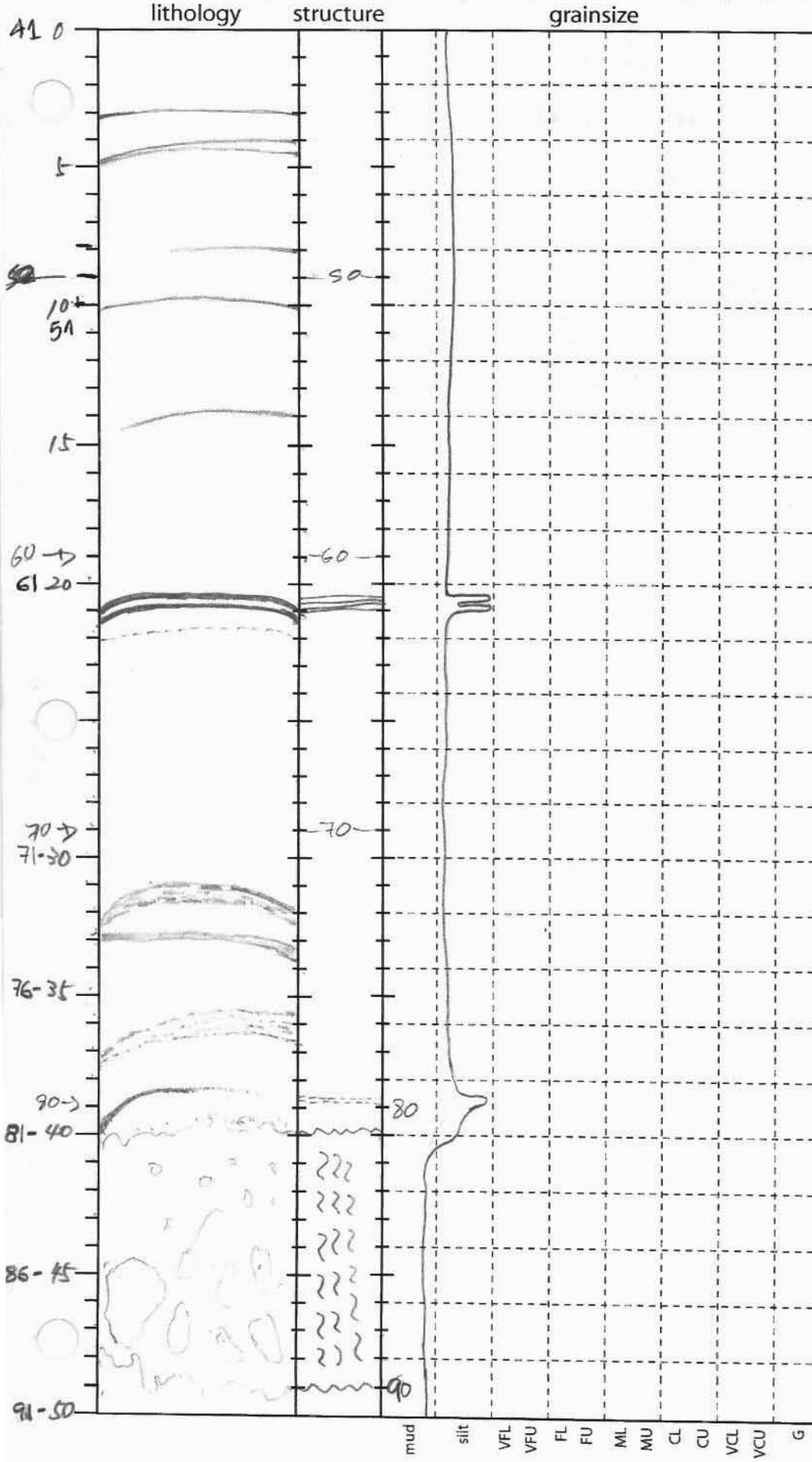
39.8-40cm: 5Y4/1 c. silt

4/cm 40-41cm: 5Y4/1 silt

-end of sect. at 41.5

CORE LOG Core No. RR0705 - 45PC Section No. 2 sheet 1 of 3

Date 23/05/2007 Described by Ken Archive/Working



← 3cm
← 4, 4.5cm
← 8cm
← 9.8cm
} brownish layers.

0 - 20.3cm: 5Y4/1 silt with brownish oxidized? layers.

← 14cm. brownish layer.

20.3 - 22cm: c. silt layers

20.3 - 20.5 5Y3/1 c. silt
20.8 - 21 5Y3/1 c. silt
upper & lower boundaries of both c. silt layers are sharp
} 20.5 - 20.8, 21 - 22 } 5Y4/1 silt

22 - 40cm:
5Y4/2 silt with brownish oxidized layers. lower part coarser.

31 - 32: brown oxidized? layer
32.8 - 33.1: brown oxidized?

35.6 - 36.5: brown oxidized?

38.3 - 38.5: c. silt layer upper & lower boundaries indistinct.

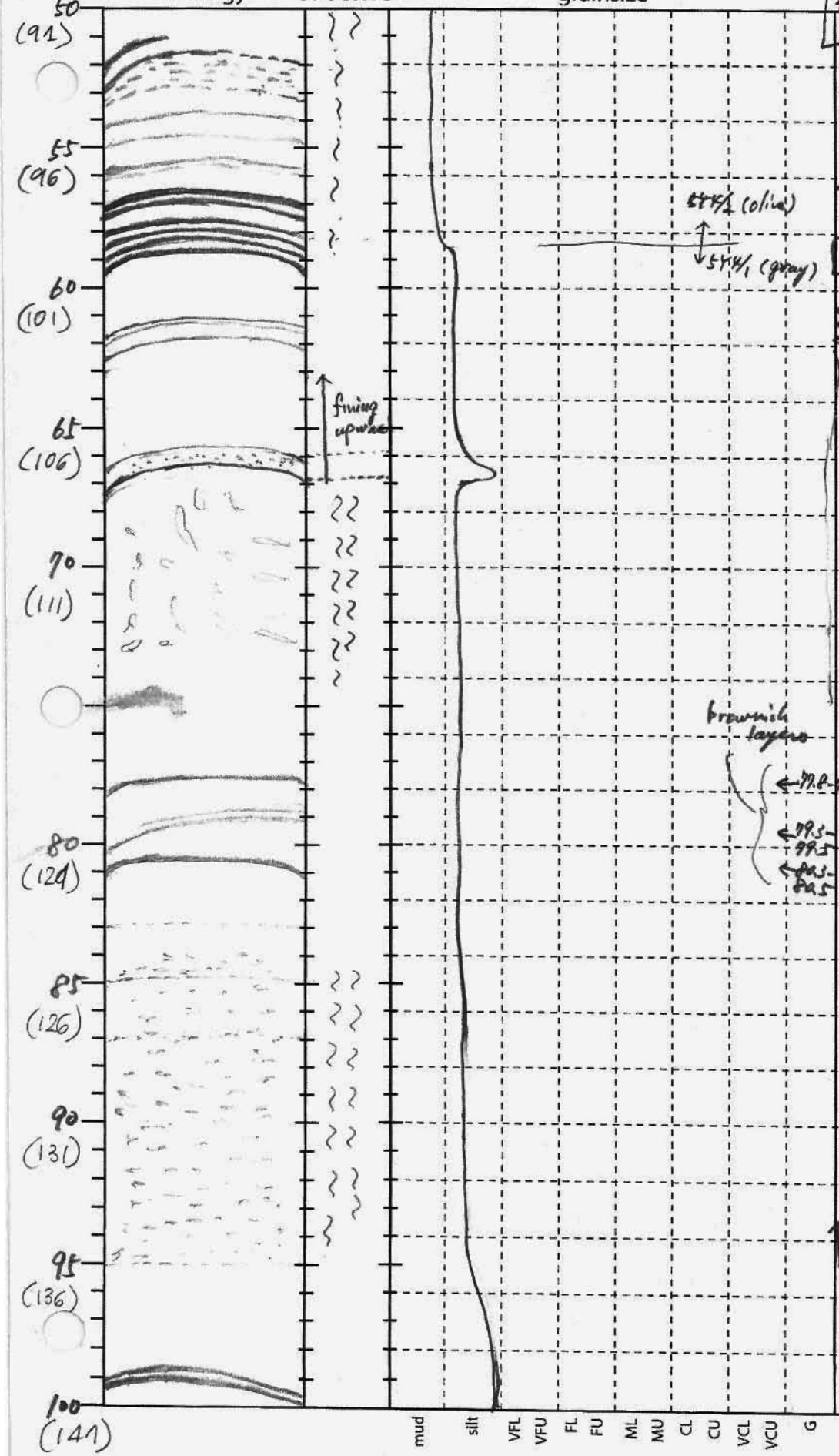
40 - 49cm:
5Y4/2 (clayey) silt highly bioturbated with upper grayish coarser silt upper & lower boundaries bioturbated & irregular

49 - 50: 5Y4/2 (clayey) silt

CORE LOG Core No. RR07 05-45PC Section No. 2 sheet 2 of 3

Date 23/05/2007 Described by Ken Archive/Working

lithology | structure | grainsize



49-59cm:
5Y4/2 (clayey) silt

50.5-53 brownish oxidized layers bioturbated

2.5Y4/2 darker (clayey) silt layers

56.2-59: 10YR3/2 brownish oxidized silt layers.

59-62cm: 5Y4/1 silt

61.3 / 61.5 / 62 2.5Y4/2 brownish oxidized layers

62-63.6cm:
GREY1 4/10Y silt

63.6-65.8cm:
GREY1 4/10Y m-c. silt

65.8-66.5: GREY1 4/N c. silt
lower boundary indistinct

66.5-73cm:
bioturbated silt
darker (GREY1 4/10Y) and
lighter (GREY1 3/10Y) silt

73cm-76.5cm:
GREY1 4/10Y silt upper boundary gradual and bioturbated
lower boundary gradual

76.5-80.5cm:
5Y4/2 silt with brownish oxidized layers

79.8-79

80.5-82cm: 5Y4/2 silt (more grayish than upper)

79.5-79.5

84.3-84.5

82-84.7cm: 5Y4/2 silt (more olive color than upper)

84.7cm-87cm: GREY1 4/10N silt with tiny burrows

87-95cm: GREY1 4/10N (lighter than upper) silt with tiny burrows

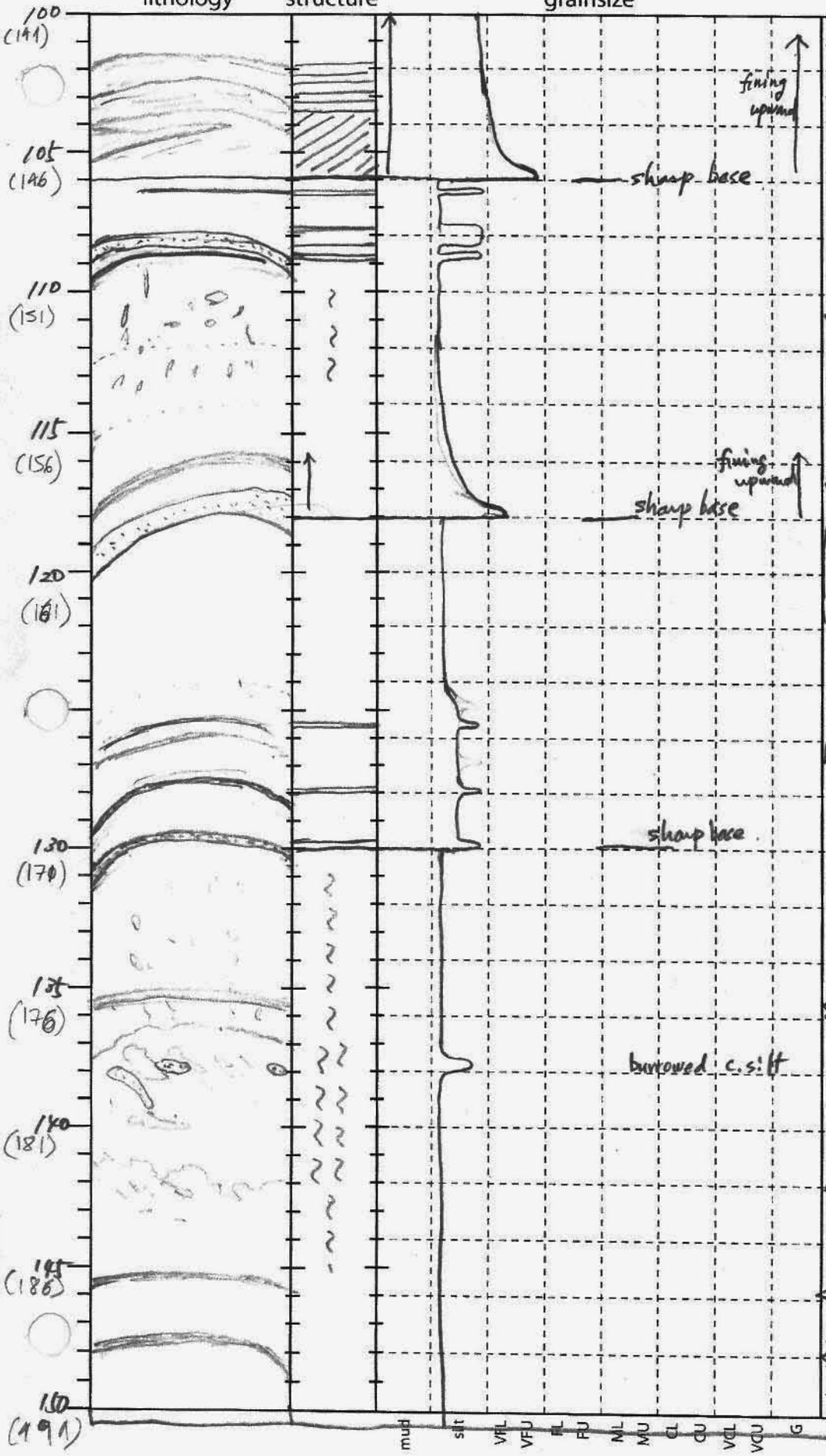
gradual change

95-98.5cm: GREY1 4/10N m-c. silt

98.5-100cm: GREY1 4/10N c. silt with GREY1 5/10N (lighter) thin layers

CORE LOG Core No. RR0705-45PC Section No. 2 sheet 3 of 3

Date 23/05/2007 Described by Ken Archive/Working



GREY1 4/10Y c.silt well-sorted

parallel laminated

cross-laminated

98.5-106cm: upward fining c.silt-u.f.s.

105-106cm: v.f.s. with sharp base (vol.glass? rich biotite.

106.4-106.6cm: c.silt layer.

107.5-108.4cm: c.silt layer

108.6-108.8cm: c.silt layer.

106-112cm: GREY1 4/10Y silt with c.silt layers lower boundary gradual.

112-118cm: fining upward c-m.silt

115.5-116cm: brownish oxidized

117-118: GREY1 4/N c.silt vol.glass? bearing

119-124cm: GREY1 4/10Y silt

↑ gradual

124-130cm: thinly bedded c.silt and silt (GREY1 4/N)

125.5-125.7
127.8-128
129.5-130
} c.silt layers

lower boundary sharp

130-136.5cm: GREY1 4/10Y silt bioturbated with brownish oxidized layers

←135.5
←136
} brownish layer

137.5-138cm: burrows filled by c.silt

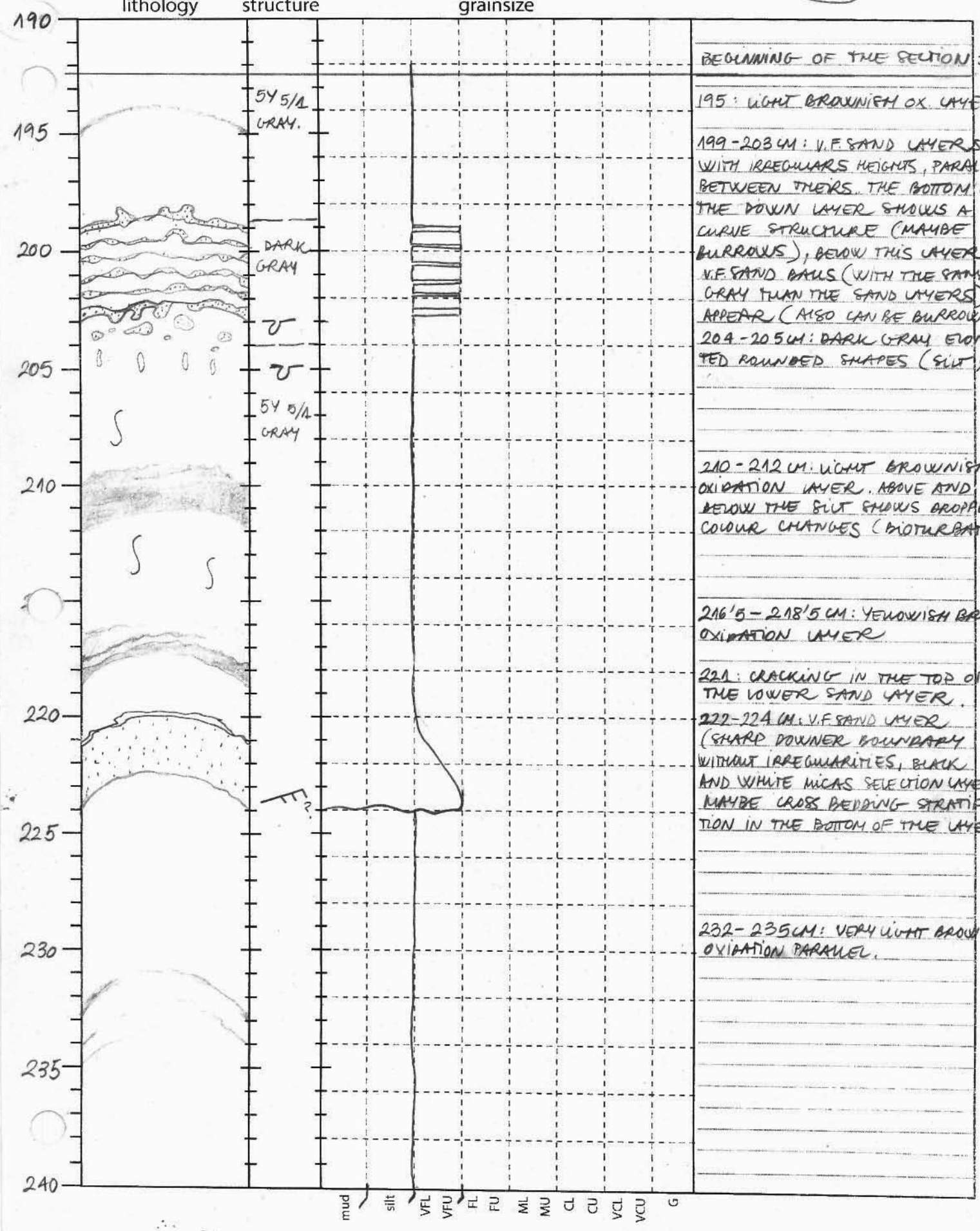
136.5-141cm: GREY1 4/N bioturbated silt with c.silt filled burrows.

141-151cm: GREY1 4/10Y silt with bioturbated brownish oxidized layers

145.8-146
←149.5-148
} oxidized layer

CORE LOG Core No. RR0705-45PC Section No. 3 (192'5-342'5 CM.) sheet 1 of 4

Date 23/05/07 Described by ZORAIDA Archive/Working



BEGINNING OF THE SECTION 3.

195: LIGHT BROWNISH OX. LAYER

199-203 CM: V.F SAND LAYERS WITH IRREGULARS HEIGHTS, PARALLELS BETWEEN THEIRS. THE BOTTOM OF THE DOWN LAYER SHOWS A CURVE STRUCTURE (MAYBE BURROWS), BELOW THIS LAYER V.F SAND BALLS (WITH THE SAME GRAY THAN THE SAND LAYERS) APPEAR (ALSO CAN BE BURROWS)

204-205 CM: DARK GRAY ELONGATED ROUNDED SHAPES (SILT Ø)

210-212 CM: LIGHT BROWNISH OXIDATION LAYER. ABOVE AND BELOW THE SILT SHOWS DROPPED COLOUR CHANGES (BIOTURBATION?)

216'5-218'5 CM: YELLOWISH BROWN OXIDATION LAYER

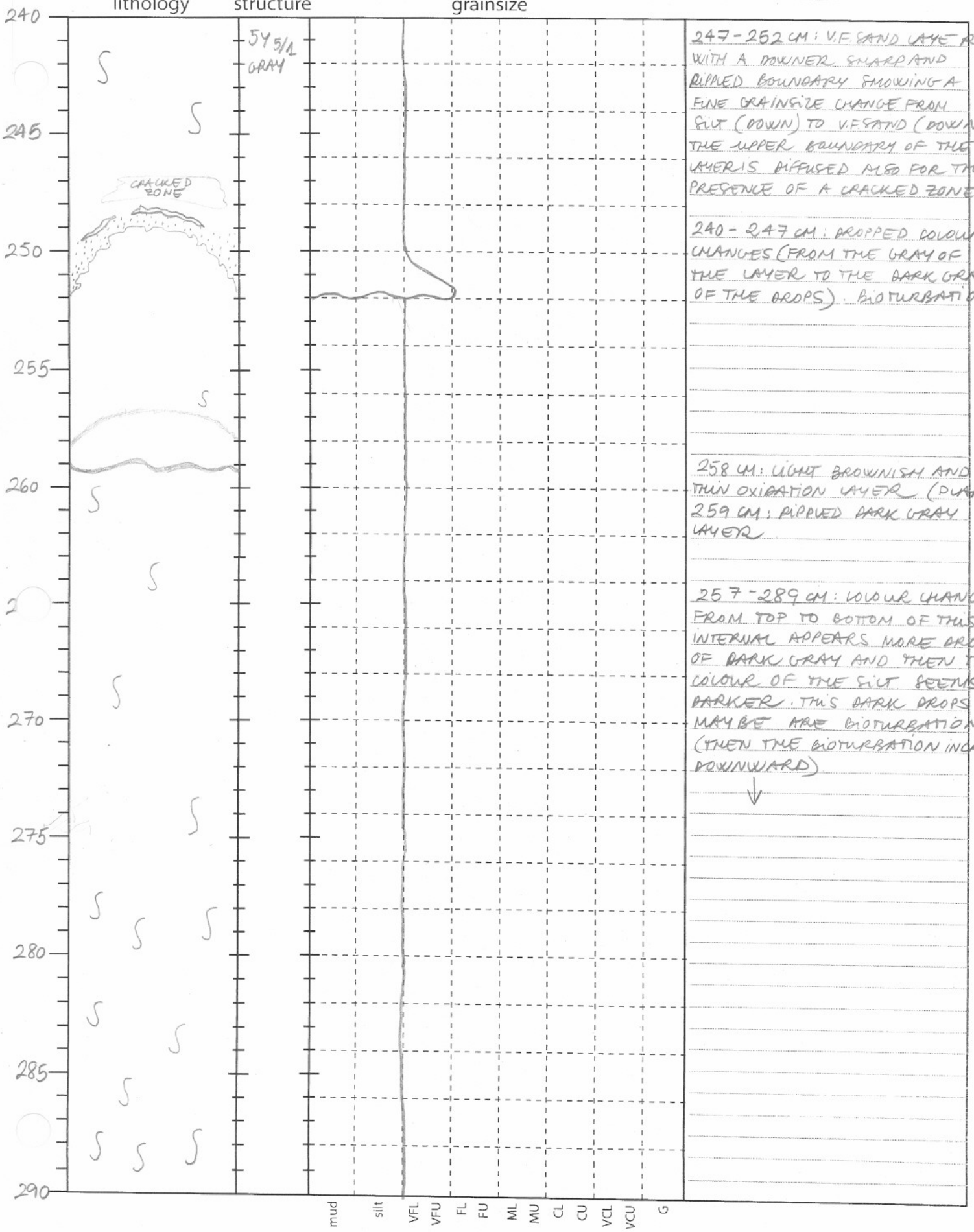
221: CRACKING IN THE TOP OF THE LOWER SAND LAYER.

222-224 CM: V.F SAND LAYER (SHARP DOWNER BOUNDARY WITHOUT IRREGULARITIES, BLACK AND WHITE MICAS SELECTION LAYERING, MAYBE CROSS BEDDING STRATIFICATION IN THE BOTTOM OF THE LAYER)

232-235 CM: VERY LIGHT BROWNISH OXIDATION PARALLEL.

CORE LOG Core No. RR0705 - 45PC Section No. 3 sheet 2 of 4

Date 23/05/07 Described by ~~ZORAIDA~~ Archive/Working



247 - 252 CM: V.F SAND LAYER WITH A DOWNER SHARP AND RIPPLED BOUNDARY SHOWING A FINE GRAINSIZE CHANGE FROM SILT (DOWN) TO V.F SAND (DOWN). THE UPPER BOUNDARY OF THE LAYER IS DIFFUSED ALSO FOR THE PRESENCE OF A CRACKED ZONE.

240 - 247 CM: DROPPED COLOUR CHANGES (FROM THE GRAY OF THE LAYER TO THE DARK GRAY OF THE DROPS). BIOTURBATION?

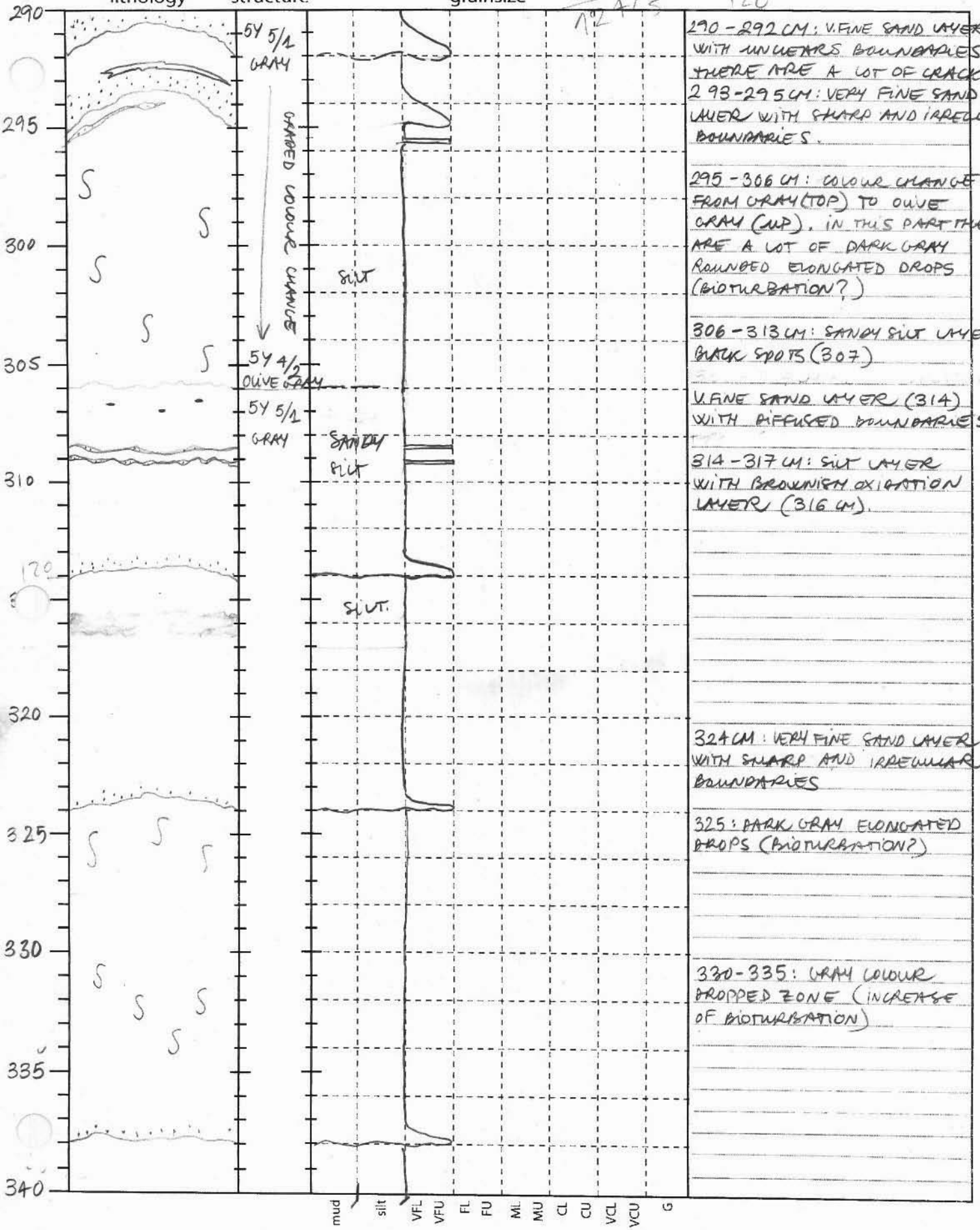
258 CM: LIGHT BROWNISH AND THIN OXIDATION LAYER (DUNE)
259 CM: RIPPLED DARK GRAY LAYER

257 - 289 CM: COLOUR CHANGES. FROM TOP TO BOTTOM OF THIS INTERNAL APPEARS MORE DROPS OF DARK GRAY AND THEN THE COLOUR OF THE SILT SEEMS DARKER. THIS DARK DROPS MAYBE ARE BIOTURBATION (THEN THE BIOTURBATION INCREASE DOWNWARD)

↓

CORE LOG Core No. RR0705-45PC Section No. 3 sheet 3 of 4

Date 23/05/07 Described by ZORAIDA Archive/Working



290 - 292 CM: V. FINE SAND LAYER WITH UNCLEARS BOUNDARIES THERE ARE A LOT OF CRACKS.

293 - 295 CM: VERY FINE SAND LAYER WITH SHARP AND IRREGULARS BOUNDARIES.

295 - 306 CM: COLOUR CHANGE FROM GRAY (TOP) TO OLIVE GRAY (DOWN). IN THIS PART THERE ARE A LOT OF DARK GRAY ROUNDED ELONGATED DROPS (BIOTURBATION?)

306 - 313 CM: SANDY SILT LAYER. BLACK SPOTS (307)

V. FINE SAND LAYER (314) WITH DIFFUSED BOUNDARIES.

314 - 317 CM: SILT LAYER WITH BROWNISH OXIDATION LAYER (316 CM).

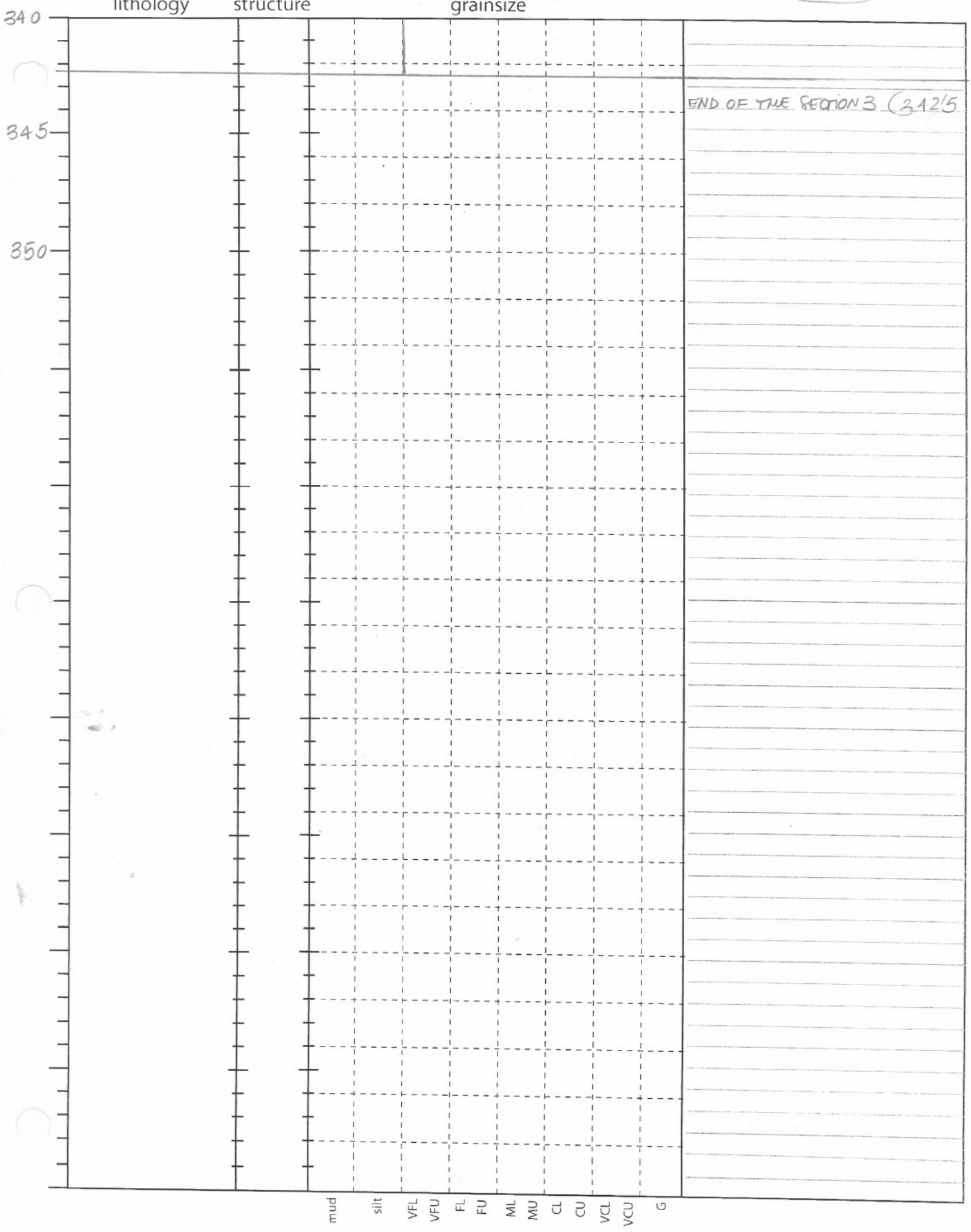
324 CM: VERY FINE SAND LAYER WITH SHARP AND IRREGULAR BOUNDARIES

325: DARK GRAY ELONGATED DROPS (BIOTURBATION?)

330 - 335: GRAY COLOUR DROPPED ZONE (INCREASE OF BIOTURBATION)

CORE LOG Core No. RR0705-45PC Section No. 3 sheet 4 of 4

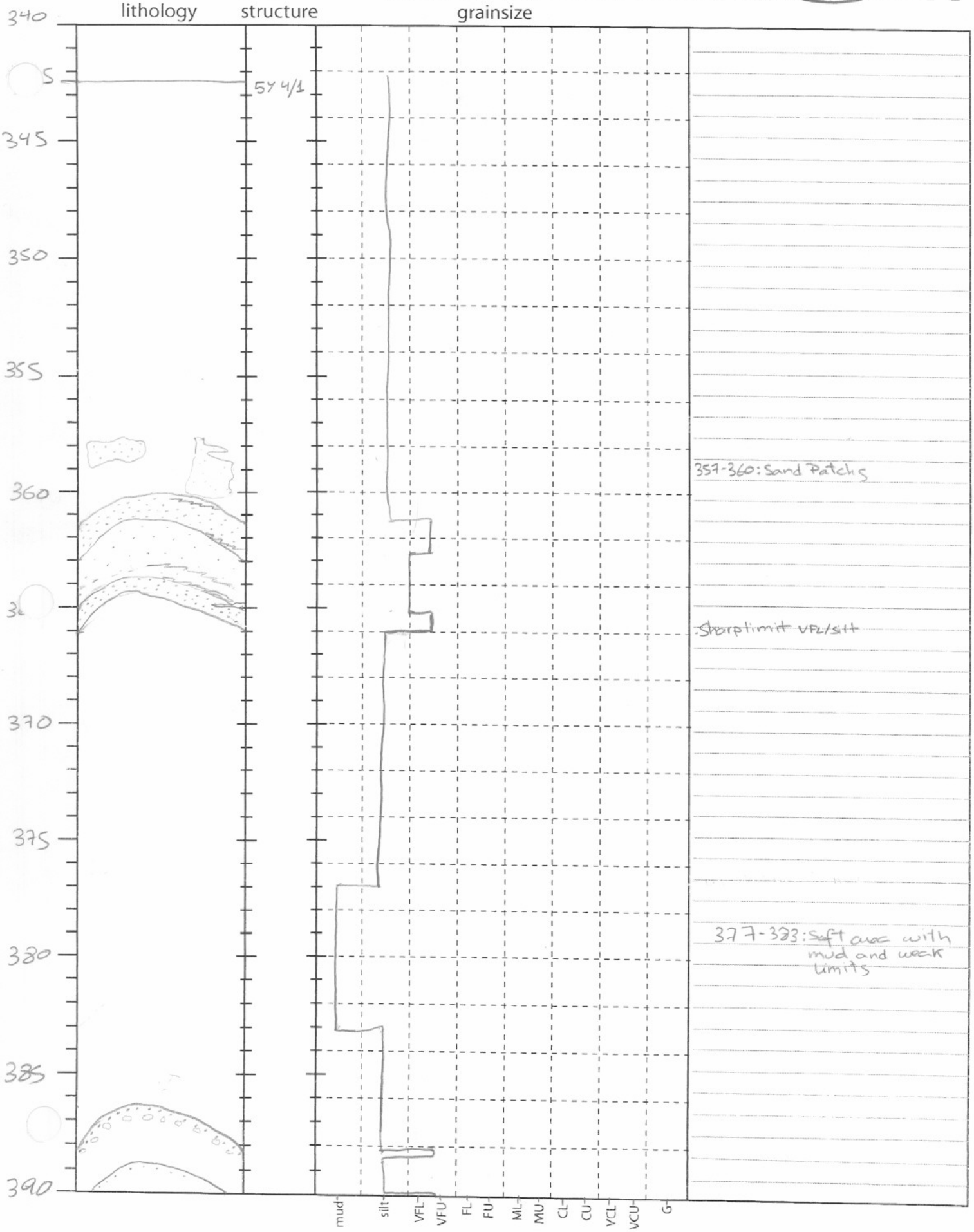
Date 23/05/07 Described by ~~ZORAIDA~~ Archive/Working



3425 – 4725

CORE LOG Core No. RR0705-45PC Section No. 4 sheet 1 of 3

Date 05/23/07 Described by XIDENA Archive/Working



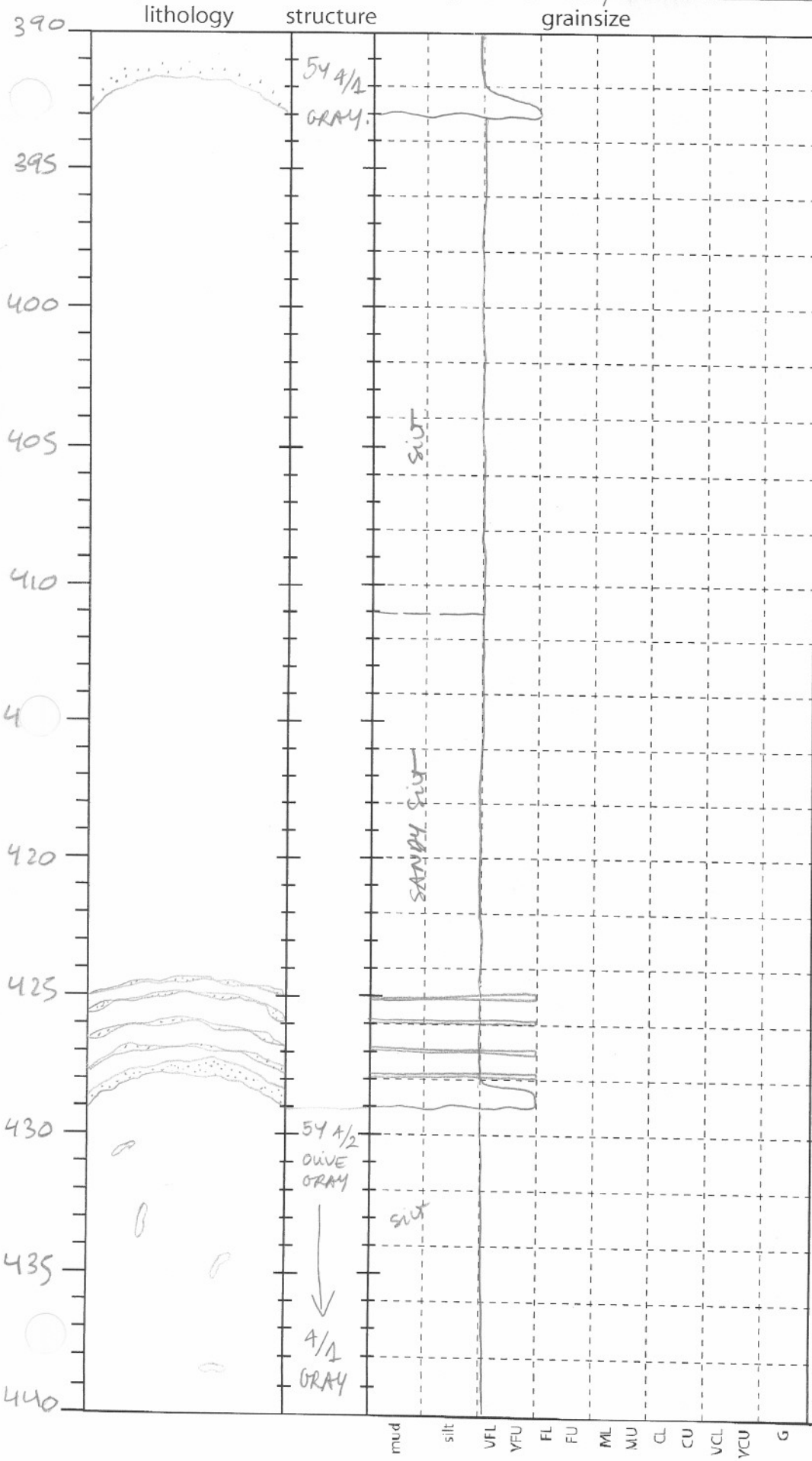
357-360: Sand Patches

Sharp limit VFL/silt

377-383: Soft mud with mud and weak limits

CORE LOG Core No. RR0705-45PC Section No. 4 sheet 2 of 3

Date 05/23/07 Described by XINEVA / ZORNIDA Archive/Working



392-393 CM : VERY FINE SAND LAYER. UNCLEAR BOUNDARIES MAYBE ISN'T A LAYER, ONLY AN ACCUMULATION OF SANDY DROPS PRODUCT OF BIOTURBATION THERE IS ALSO AN A WHITISH SOFT SHAPE.

PARALLEL BETWEEN THEIRS

425-429 CM : VERY FINE SAND LAYERS WITH UPWARD DECREASING HEIGHTS. SHARP AND IRREGULARS BOUNDARIES.
THE HIGHEST LAYER (BELOW THE OTHERS) HAVE CROSS BEDDING-STRATIFICATION VISIBLE BY AN ALTERNANCE OF BLACK AND WHITE MICAS LAYERS.

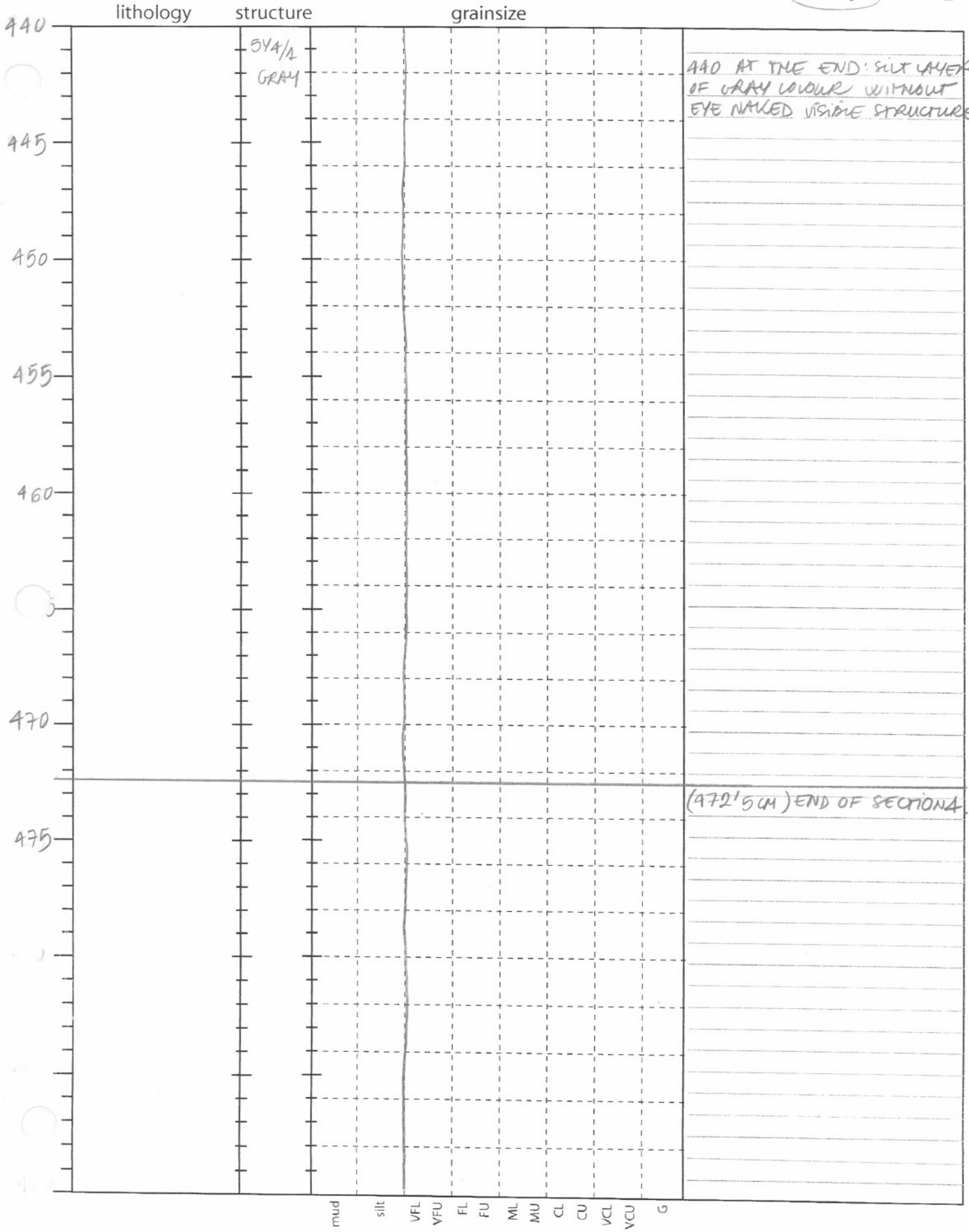
AT THE END OF THE SECTION

430-440: SILT LAYER WITH COLOUR CHANGE FROM OLIVE GRAY (TOP) TO GRAY (BOTTOM)

430-440 : ELONGATED AND ROUNDED, DARK GRAY DROPS

CORE LOG Core No. RR0705-45PC Section No. 4 sheet 3 of 3

Date 23/05/07 Described by ZORAIDA Archive/Working



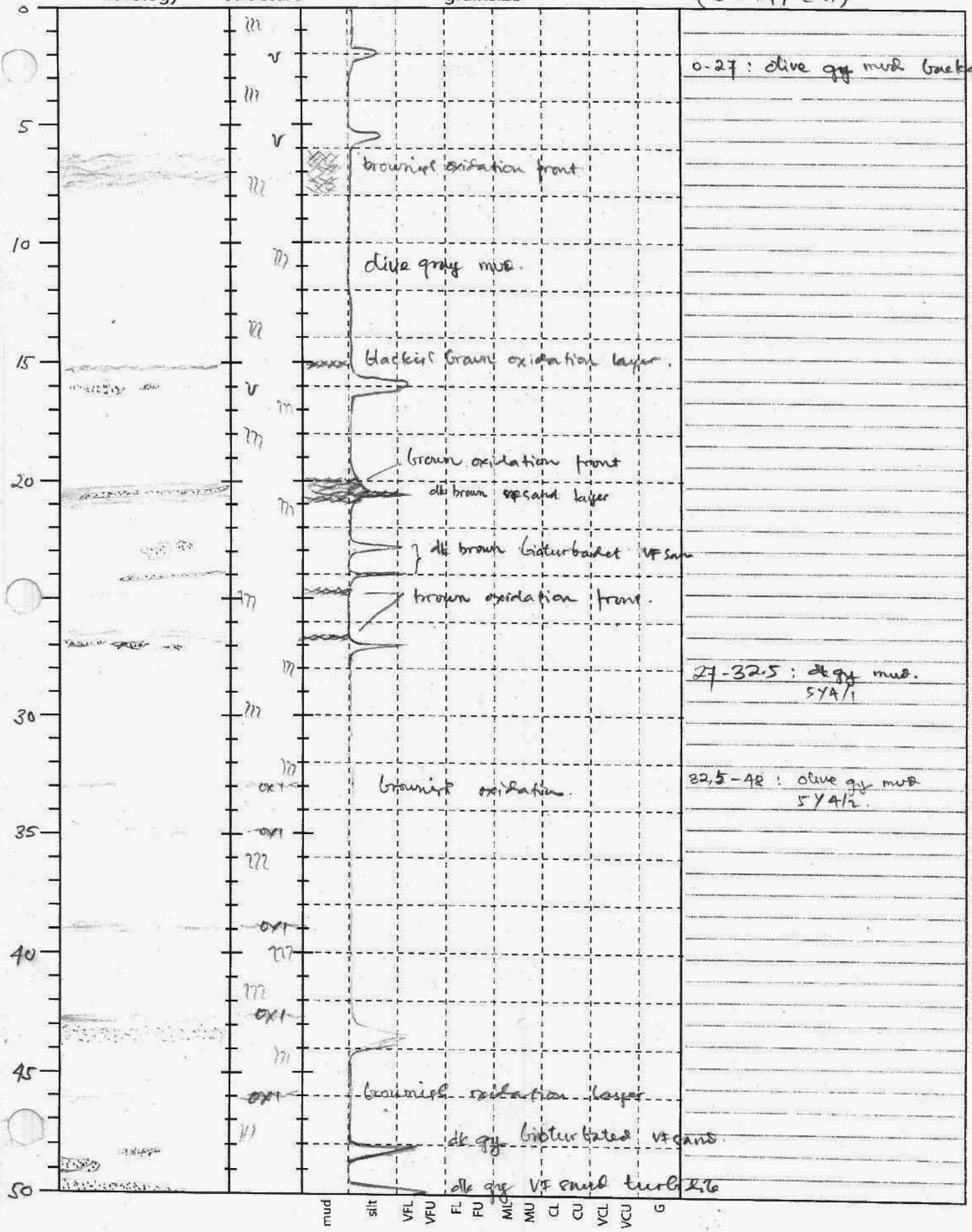
440 AT THE END: SILT LAYER OF GRAY COLOUR WITHOUT EYE NAKED VISIBLE STRUCTURES.

(472'5 CM) END OF SECTION 4.

CORE LOG Core No. RR0705-46 GC Section No. 1 of 1 sheet 1 of 3

Date 24/05/07 Described by SAPTA · Archive/Working

(0 - 147 cm)



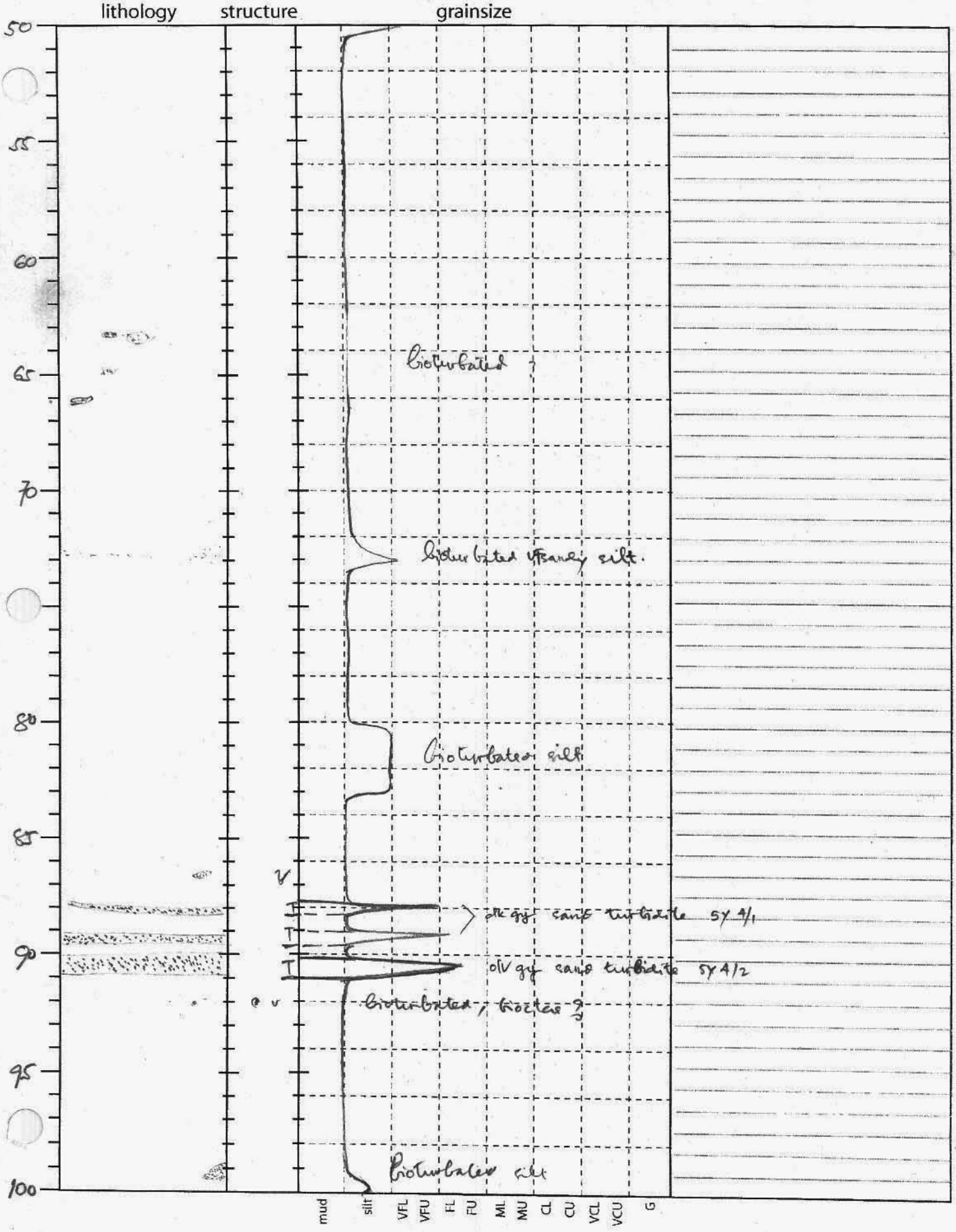
0-27 : olive gy mud background.

27-32.5 : dk gy mud.
5Y4/1

32.5-48 : olive gy mud
5Y4/2.

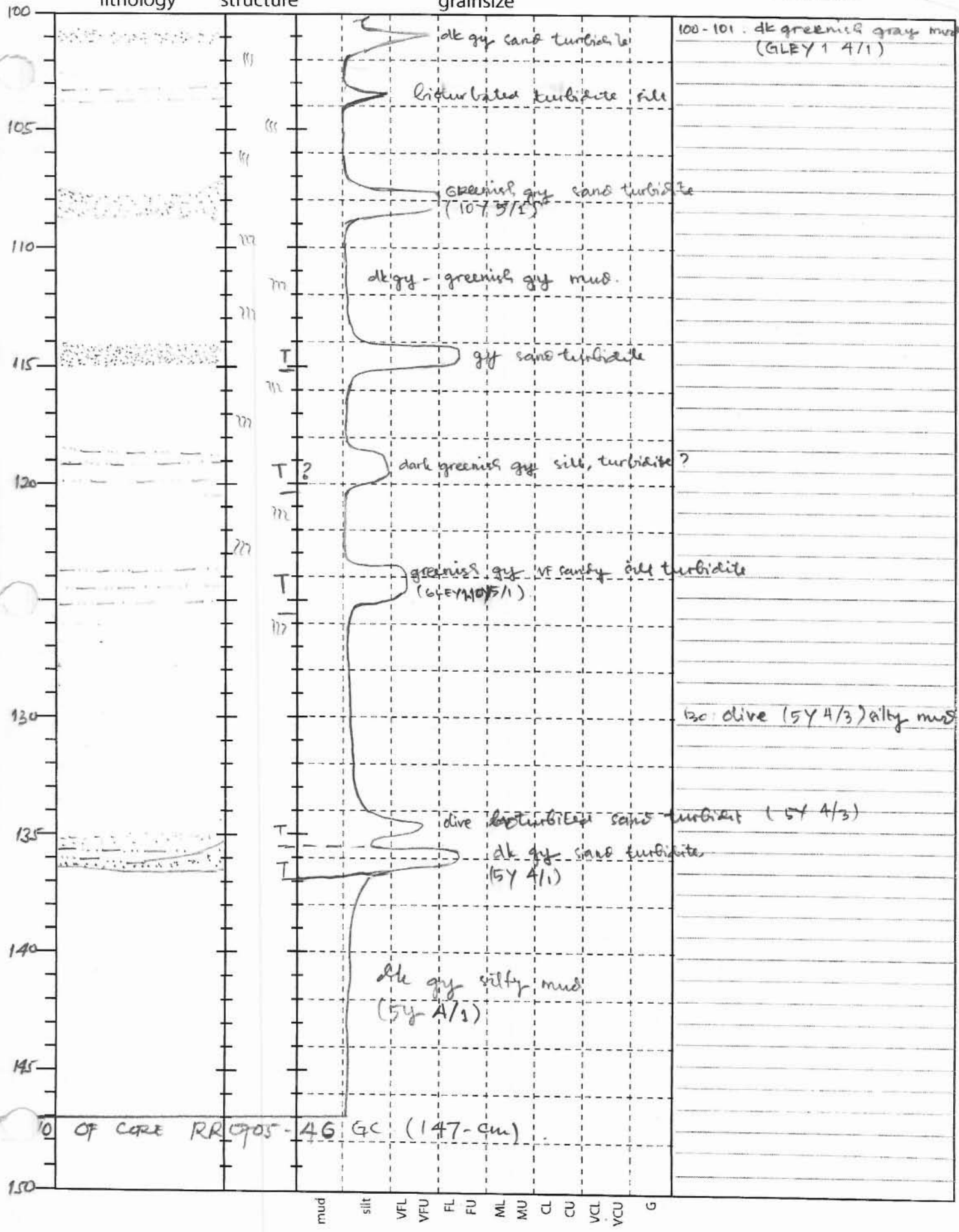
CORE LOG Core No. RR0705-46GC Section No. 1 of 1 sheet 2 of 3

Date 24/05/07 Described by SAPTA Archive/Working



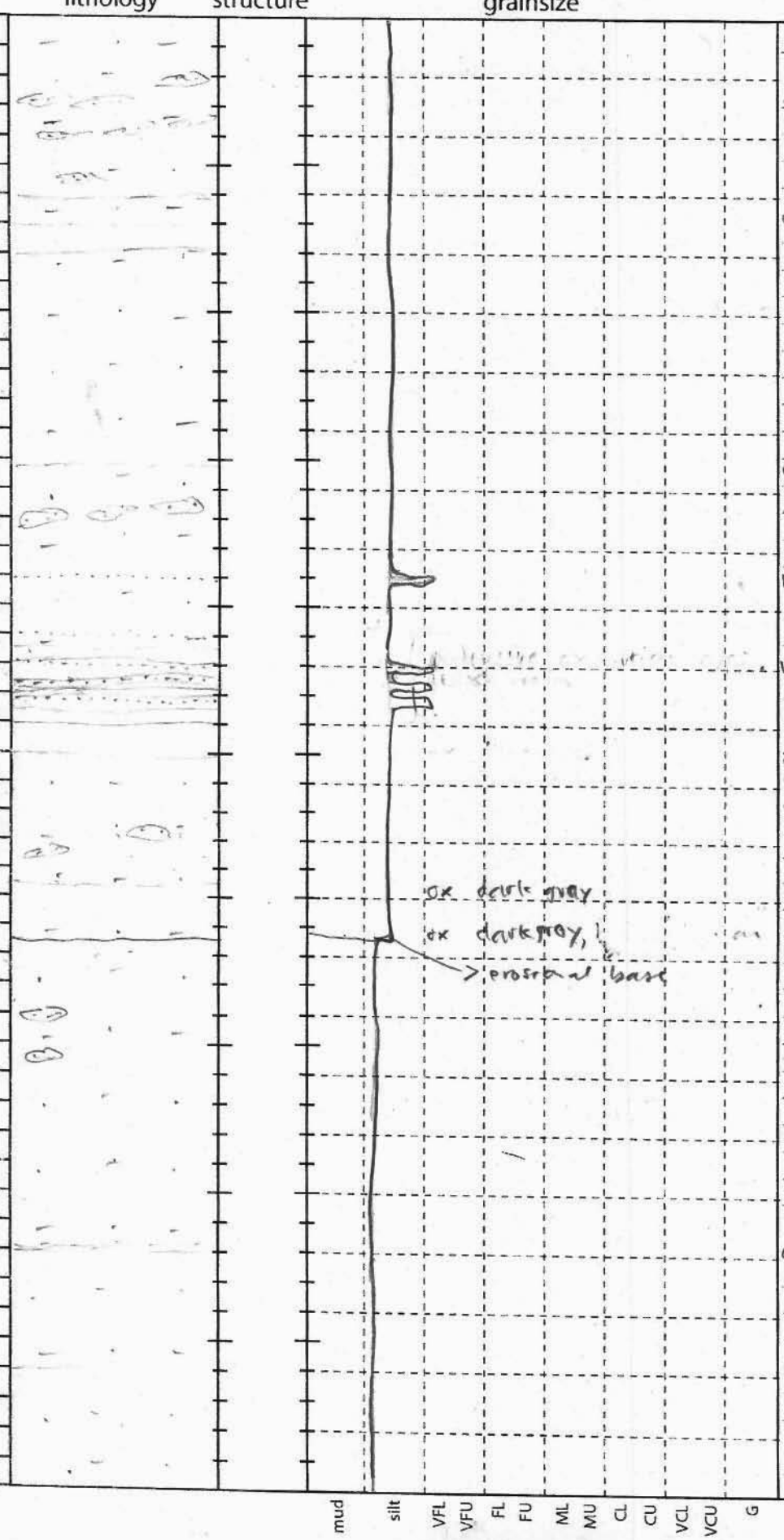
CORE LOG Core No. RR 0705 - 46 GC Section No. 1 of 1 sheet 3 of 3

Date 24/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. 47TC Section No. 1 sheet 1 of ____

Date ____ Described by YWO Archive/Working



Silty mud, dark grey brown

sand nodule, flaser, bioturbation

ox. layer, greyish brown

ox. dark grey

sand nodule, bioturbation

Fine gr.s layer, mica, gray

intense ox layer, grayish brown

oxidation, dark gray

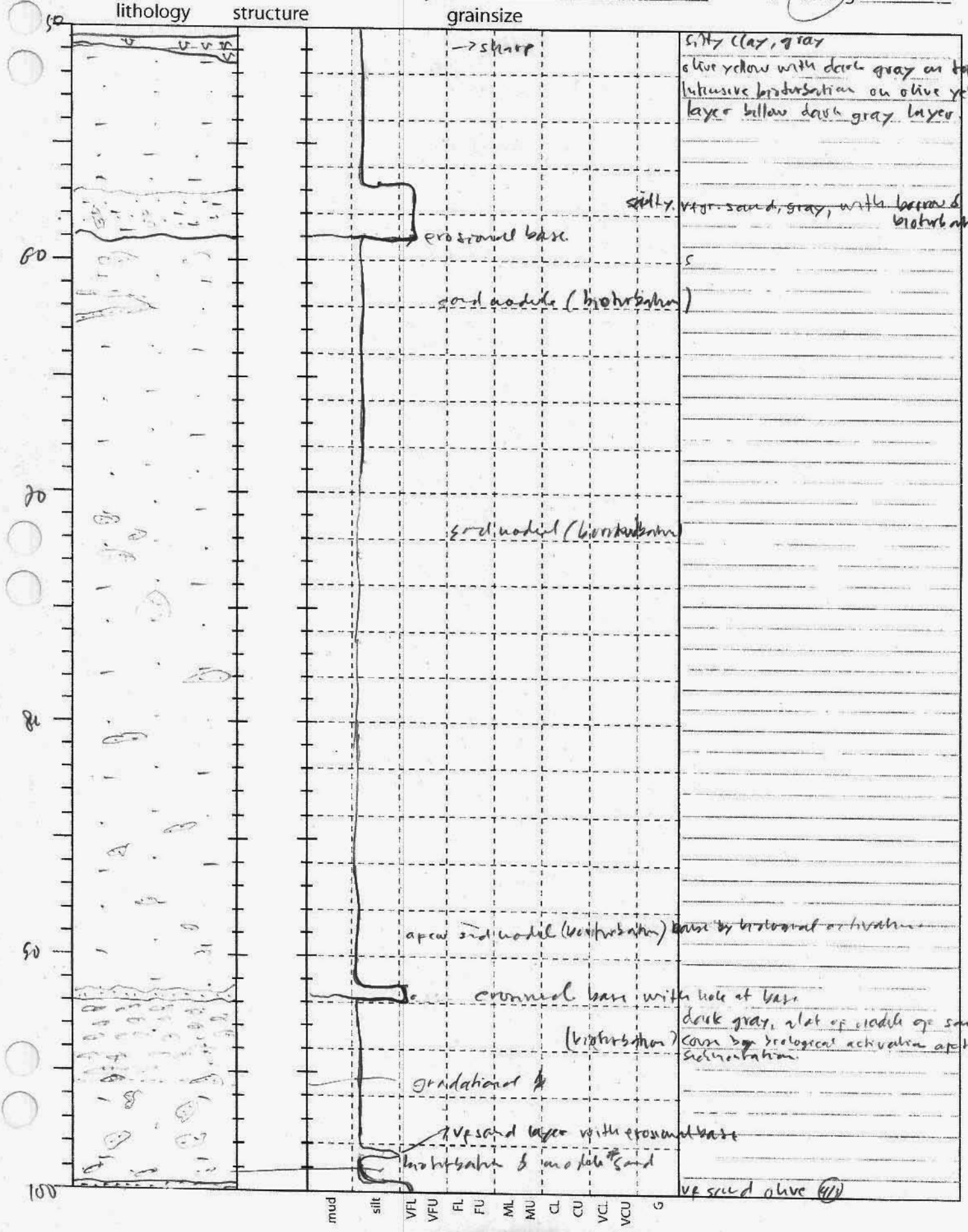
Silty clay, gray (5/1)

a few ox. light olive brown

a few ox. light olive brown

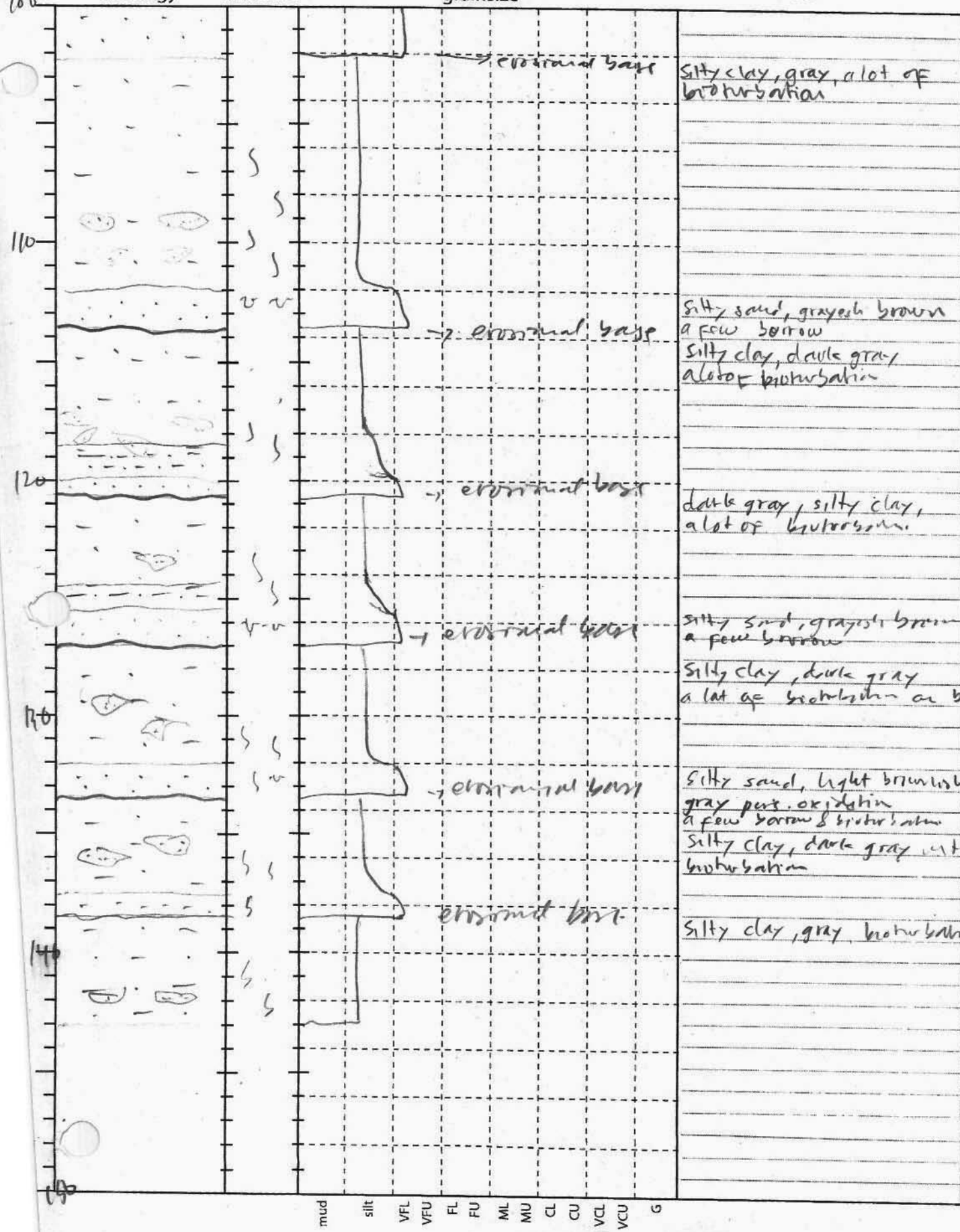
CORE LOG Core No. 47 C Section No. 1 sheet 2 of

Date Described by Yudo Archive/Working



CORE LOG Core No. 147 + C Section No. 1 sheet 3 of ____

Date ____ Described by ____ Archive/Working ____



silty clay, gray, a lot of bioturbation

silty sand, grayish brown a few burrow

silty clay, dark gray a lot of bioturbation

dark gray, silty clay, a lot of bioturbation

silty sand, grayish brown a few burrow

silty clay, dark gray a lot of bioturbation at base

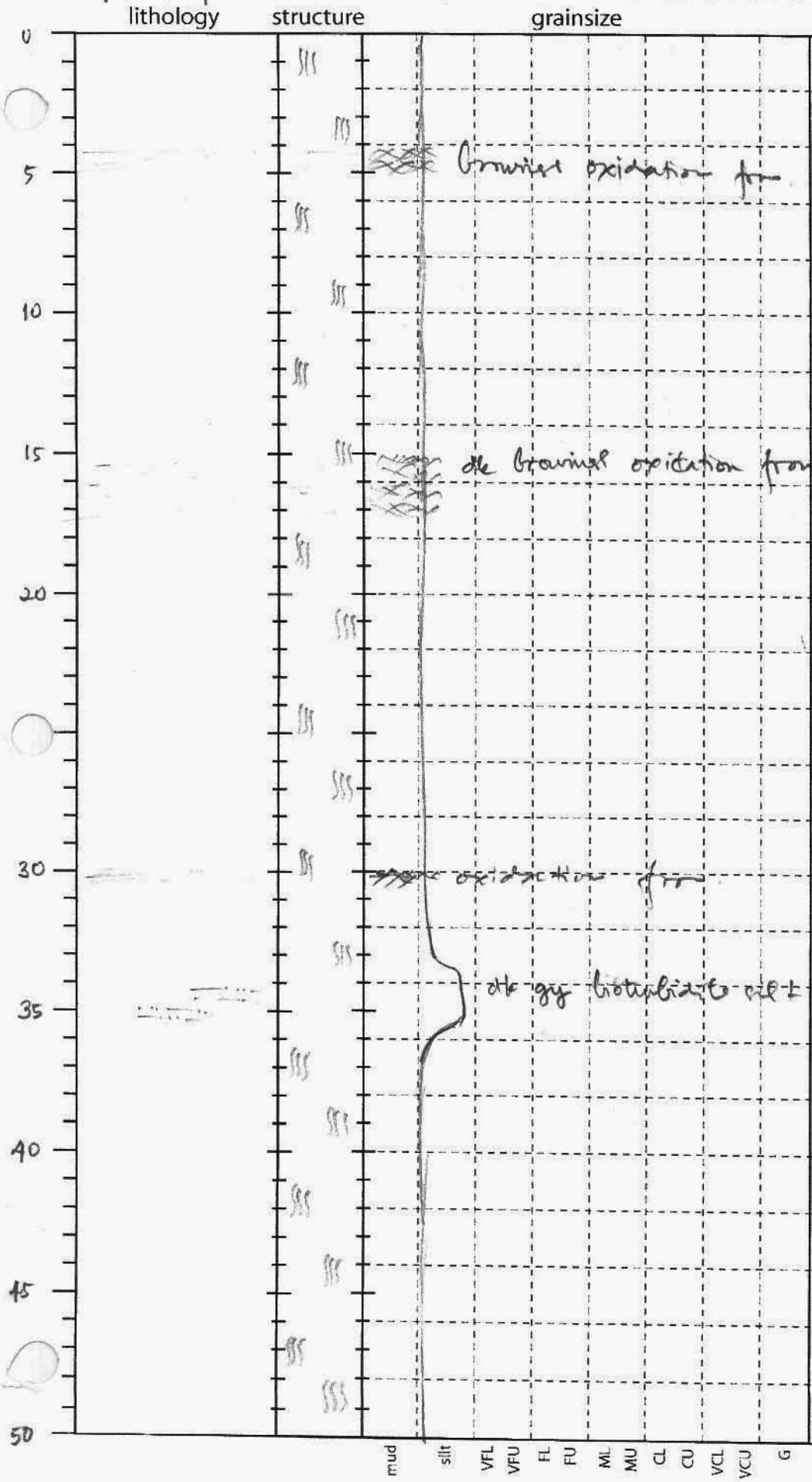
silty sand, light brownish gray pers. oxidation a few burrow & bioturbation

silty clay, dark gray, with bioturbation

silty clay, gray, bioturbation

CORE LOG Core No. RR 0705 - 47 PC Section No. 1 of 2 sheet 1 of 6

Date 24/5/07 Described by SAPTA Archive/Working

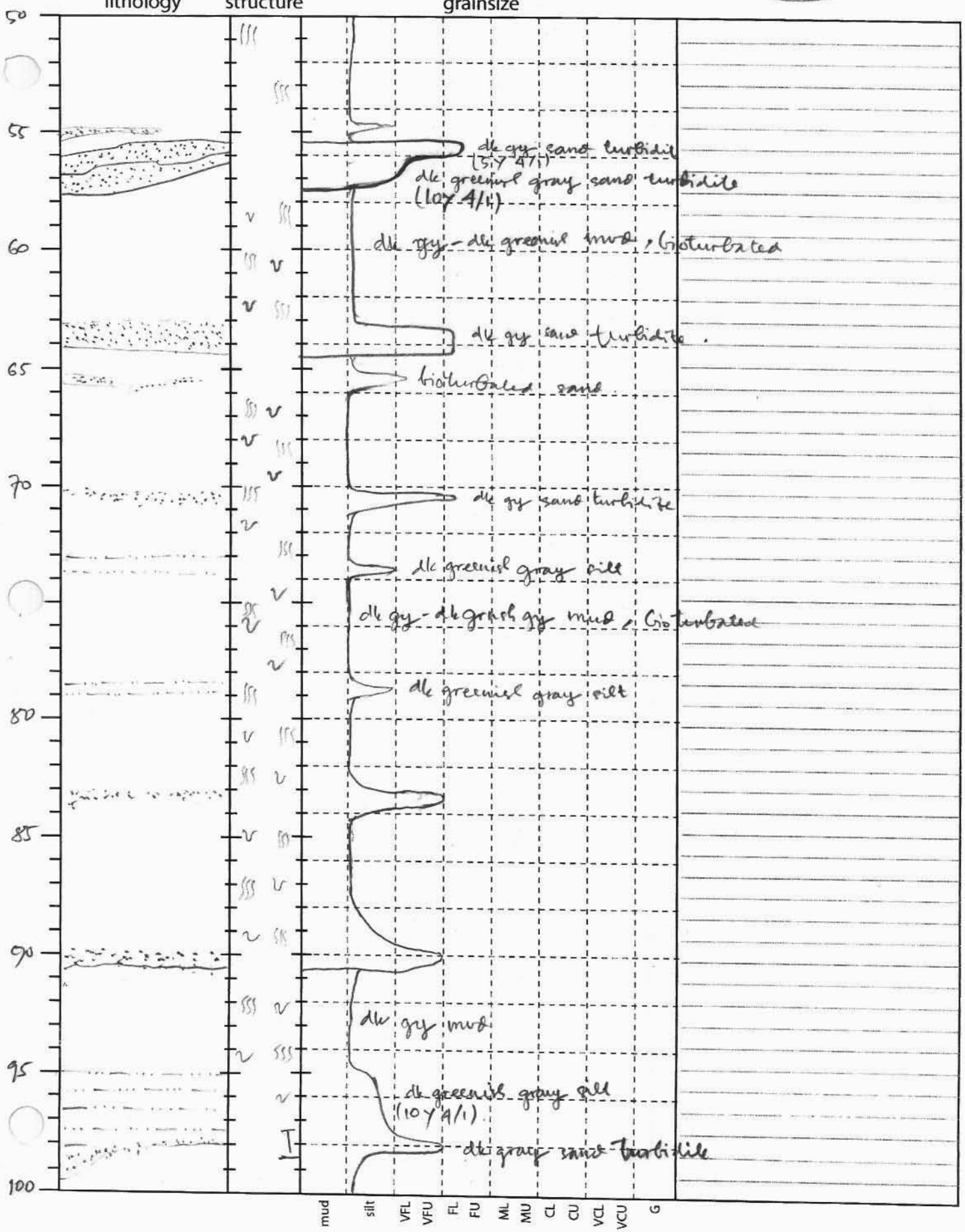


0-20 : olive background 5Y 4/3

20-52 : (5Y 4/1 - 10Y 4/1) dk gy - dark greenish gray mud

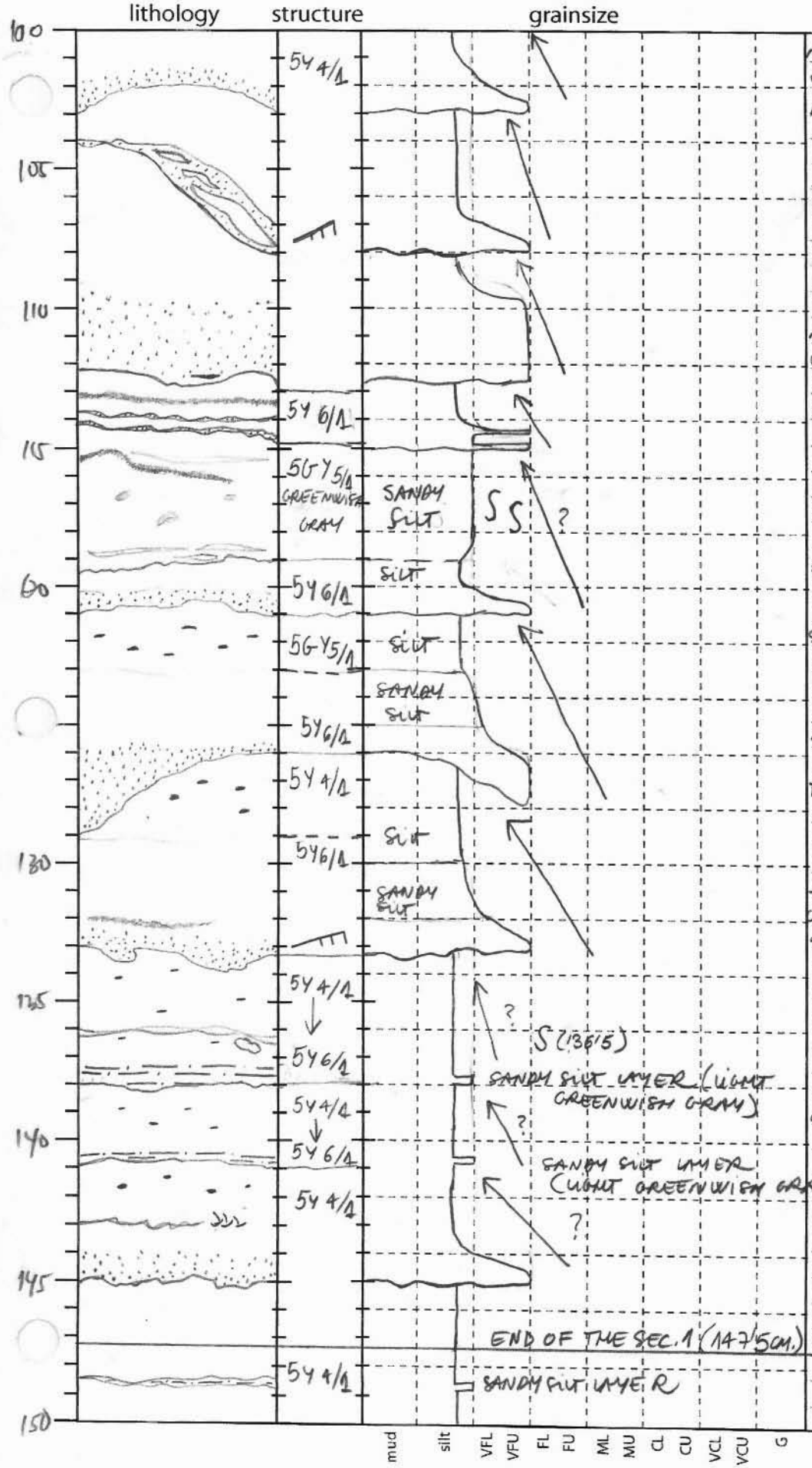
CORE LOG Core No. RR0705-47PC Section No. 1 of 2 sheet 2 of 6

Date 24/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 47 PC Section No. 1/2 sheet 3 of 6

Date 24 / 05 / 07 Described by ~~ZORAIDA~~ Archive/Working



101 - 103 CM: V. FINE SAND LAYER WITH A DIFFUSE UPPER BOUNDARY AND A LITTLE BIT IRREGULAR AND SHARP DOWNER BOUNDARY.

104 - 108 CM: V FINE SAND LAYER WITH SILT LAYERS INTERAYERING (INTO OF SAND BODY THERE ARE DECRESING GRAINSIZE LAYERS FROM V.F SAND TO SILT) CROSS BEDDING LAMINATION

109 - 112'5 CM: VERY FINE SAND LAYER, BOTTOM BOUNDARY CLEAR SHARP, IRREGULAR, THE UPPER BOUNDARY IS DIFFUSE.

112 - 114'5 CM: LIGHT GREENISH GRAY LAYER. UPWARD DECREASE OF GRAINSIZE FROM V.F SAND (BOTTOM) TO SILT (TOP). THE DOWNER SAND LAYER HAS A SHARP AND IRREGULAR BOTTOM BOUNDARY. GRAYISH LAYER IN THE MIDDLE OF THE SILT LAYER.

114'5 - 119'5 CM: GREENWISH GRAY SANDY SILT LAYER, PALE CREAM COLOUR LAYERS (115/119), DARK GRAY LAYER (115'5) AND DARK GRAY ROUNDED AND ELONGATED SHAPES (116 - 118), 121 - 129/126): GRAINSIZE DECRESING SEQ. (FROM V.F SAND AT BOTTOM TO SILT AT TOP) REFLECTED ALSO BY COLOUR CHANGES BETWEEN EACH DIF. Ø LAYER, THE DOWNER BOUNDARY IS SHARP AND RIPPLED, THE UPPER BOUNDARY OF THE SEQ. IT'S CLEAR BY A COLOUR CHANGE / BLACK SPOTS (122 CM.)

133 CM: BEGINNING OF A SEQ? THE V.F SAND LAYER (WITH SHARP AND IRREGULAR DOWNER BOUNDARY) PRESENTS CROSS BEDDING LAMINATION (SANDS → DARK GRAY / SANDY SILT → GREENISH LIGHT GRAY). BROWNISH OXIDATION LAYER (132 CM)

BLACK SPOTS (133 - 142 CM)

136 CM: PALE ROSE GRAY COLOURED LAYER

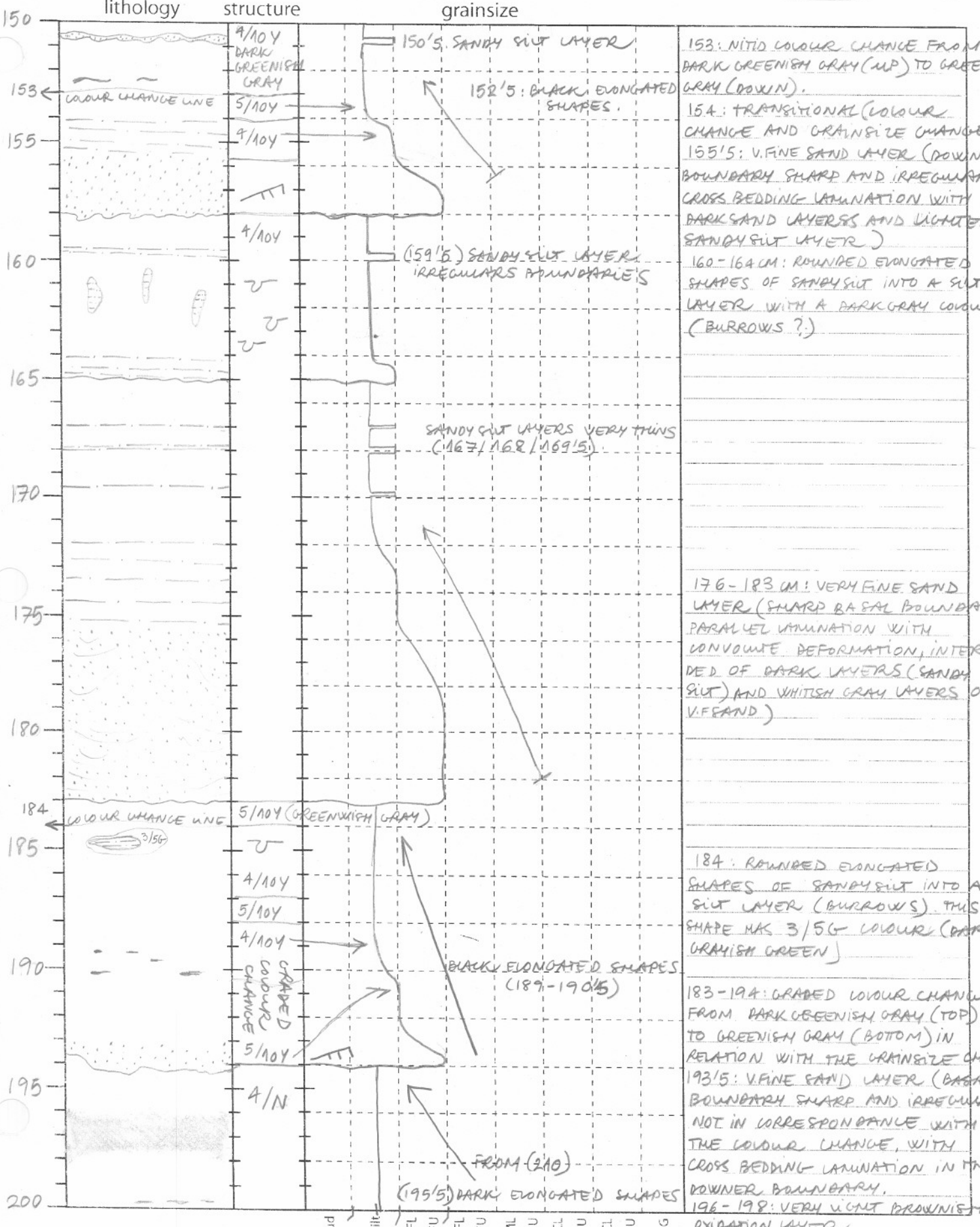
136'5 CM: (SANDY SILT ROUNDED DROP - WITH A DARKISH GRAY COLOUR) BIOTURBATION? BROWN

143 (DARK COLOURED LAYER)

↓ SEC 2

CORE LOG Core No. RR0705-47PC Section No. 2 sheet 4 of 6

Date 24/05/07 Described by ZORAIDA Archive/Working



153: NITID COLOUR CHANGE FROM DARK GREENISH GRAY (UP) TO GREENISH GRAY (DOWN).

154: TRANSITIONAL (COLOUR CHANGE AND GRAINSIZE CHANGE)

155'5: V.FINE SAND LAYER (DOWNER BOUNDARY SHARP AND IRREGULAR, CROSS BEDDING LAMINATION WITH DARK SAND LAYERS AND LIGHTER SANDY SILT LAYER)

160-164 CM: ROUNDED ELONGATED SHAPES OF SANDY SILT INTO A SILT LAYER WITH A DARK GRAY COLOUR (BURROWS ?)

176-183 CM: VERY FINE SAND LAYER (SHARP BASAL BOUNDARY, PARALLEL LAMINATION WITH CONVOLUTE DEFORMATION, INTERBEDDED OF DARK LAYERS (SANDY SILT) AND WHITISH GRAY LAYERS OF V.F SAND)

184: ROUNDED ELONGATED SHAPES OF SANDY SILT INTO A SILT LAYER (BURROWS). THIS SHAPE HAS 3/5G COLOUR (DARK GRAYISH GREEN)

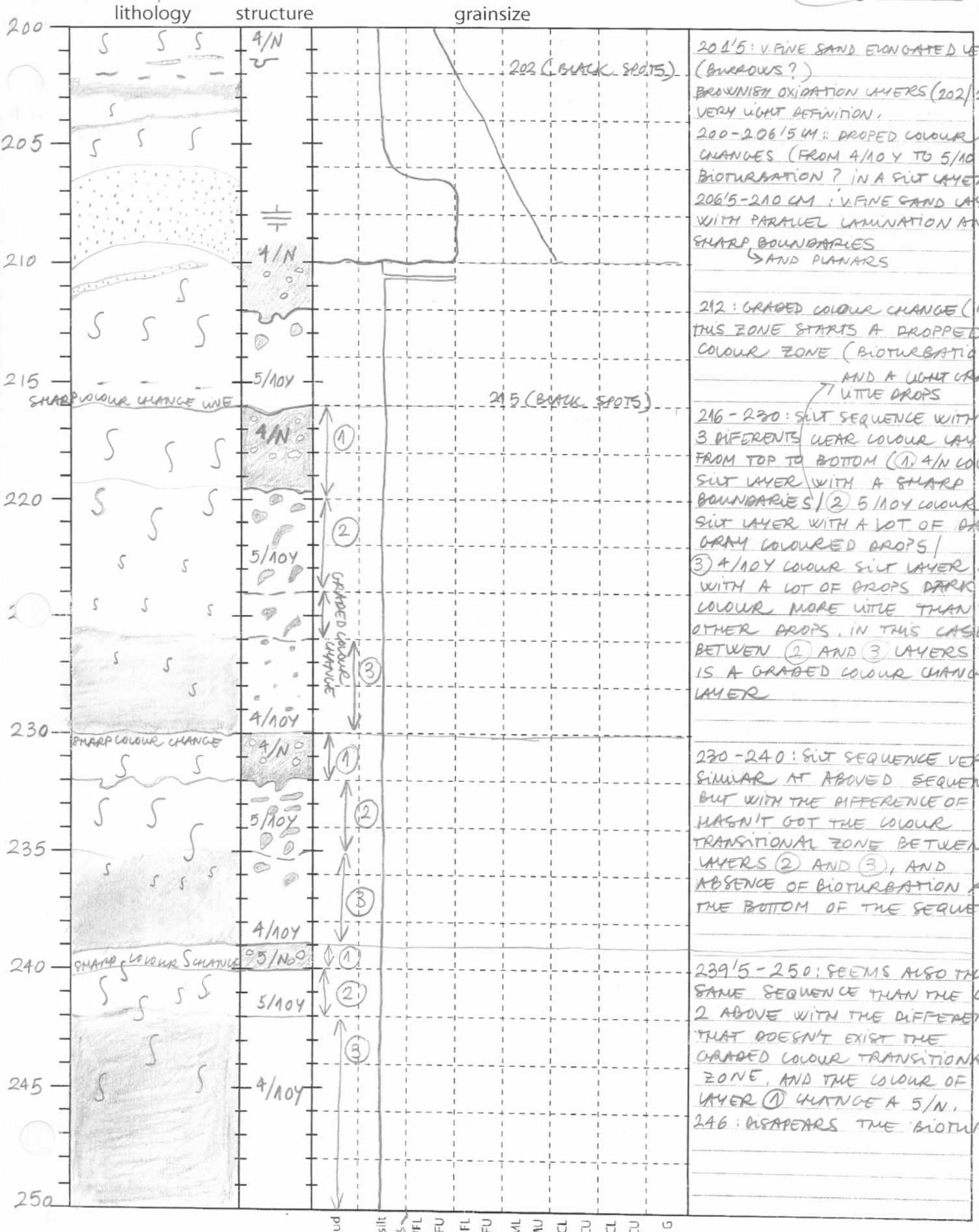
183-194: GRADED COLOUR CHANGE FROM DARK GREENISH GRAY (TOP) TO GREENISH GRAY (BOTTOM) IN RELATION WITH THE GRAINSIZE CHANGE

193'5: V.FINE SAND) LAYER (BASAL BOUNDARY SHARP AND IRREGULAR NOT IN CORRESPONDANCE WITH THE COLOUR CHANGE, WITH CROSS BEDDING LAMINATION IN THE DOWNER BOUNDARY.

196-198: VERY LIGHT BROWNISH OXIDATION LAYER

CORE LOG Core No. RR0705-47PG Section No. 2 sheet 5 of 6

Date 24/05/07 Described by ZORAIDA Archive/Working



201'5: V. FINE SAND ELONGATED LENTS (BURROWS?) BROWNISH OXIDATION LAYERS (202/204) VERY LIGHT DEFINITION.

200-206'5 CM: DROPED COLOUR CHANGES (FROM 4/10Y TO 5/10Y) BIOTURBATION? IN A SILT LAYER

206'5-210 CM: V. FINE SAND LAYER WITH PARALLEL LAMINATION AND SHARP BOUNDARIES → AND PLANARS

212: GRADED COLOUR CHANGE (BELOW THIS ZONE STARTS A DROPPED COLOUR ZONE (BIOTURBATION?) AND A LIGHT GRAY LITTLE DROPS

216-230: SILT SEQUENCE WITH A 3 DIFERENTS CLEAR COLOUR LAYERS FROM TOP TO BOTTOM (① 4/N COLOUR SILT LAYER WITH A SHARP BOUNDARIES / ② 5/10Y COLOUR SILT LAYER WITH A LOT OF DARK GRAY COLOURED DROPS / ③ 4/10Y COLOUR SILT LAYER ALSO WITH A LOT OF DROPS DARK GRAY COLOUR MORE LITLE THAN THE OTHER DROPS. IN THIS CASE, BETWEN ② AND ③ LAYERS THERE IS A GRADED COLOUR CHANGE LAYER

230-240: SILT SEQUENCE VERY SIMILAR AT ABOVED SEQUENCE, BUT WITH THE DIFFERENCE OF HASN'T GOT THE COLOUR TRANSITIONAL ZONE BETWEN LAYERS ② AND ③, AND ABSENCE OF BIOTURBATION AT THE BOTTOM OF THE SEQUENCE.

239'5-250: SEEMS ALSO THE SAME SEQUENCE THAN THE OTHERS 2 ABOVE WITH THE DIFFERENCE THAT DOESN'T EXIST THE GRADED COLOUR TRANSITIONAL ZONE, AND THE COLOUR OF LAYER ① CHANGE A 5/N.

246: DISAPEARS THE BIOTURBATION

CORE LOG Core No. RR0705-47PG Section No. 2 sheet 6 of 6

Date 24/05/07 Described by ZORAIDA Archive/Working

lithology structure grainsize

250 255 260 265 270 280 285 290 295 300

4/10Y

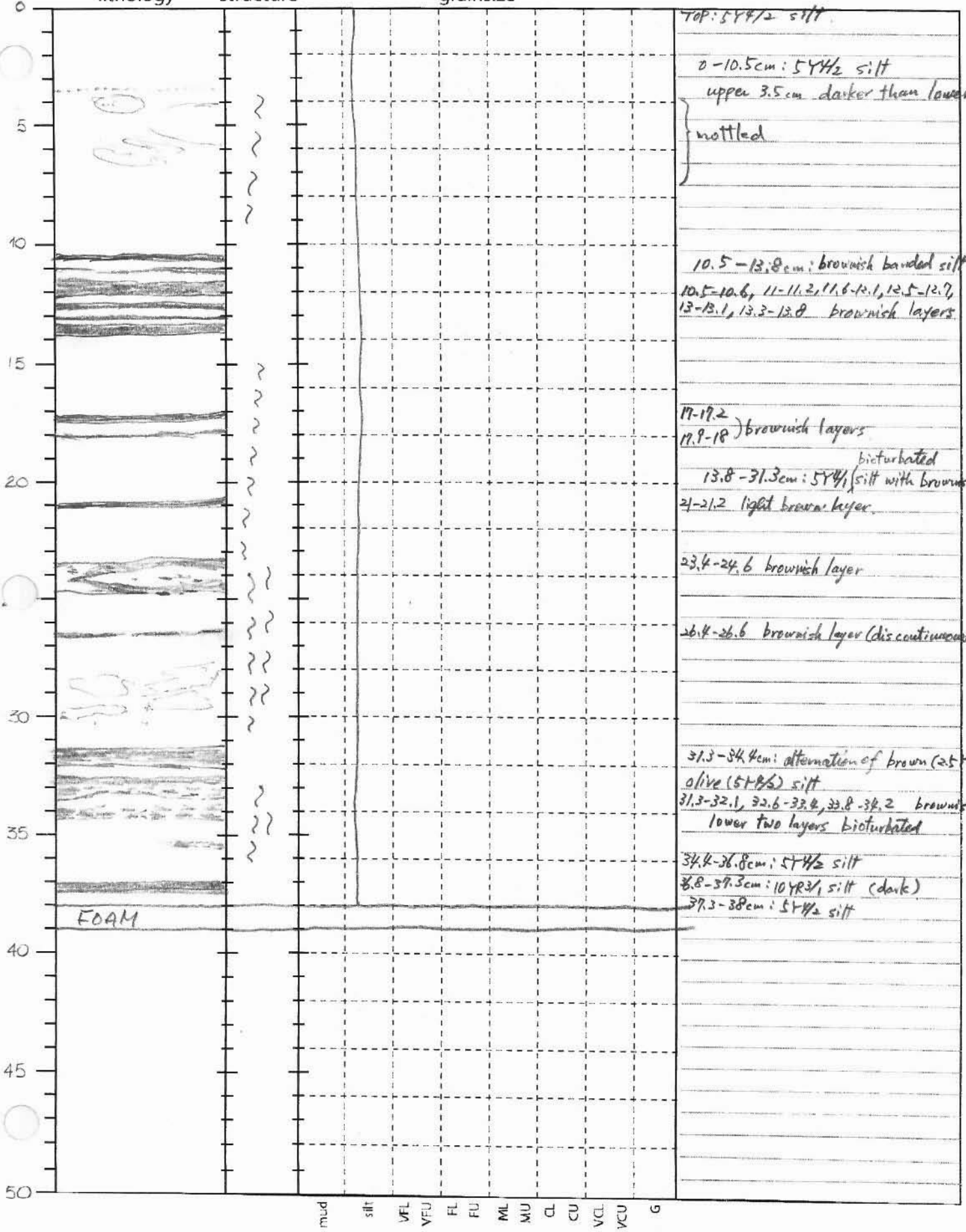
250- AT THE END: SILT LAYER WITHOUT STRUCTURES

END OF THE SECTION 2 (272 CM.)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-K8GC Section No. 1 sheet 1 of 1

Date 24/05/2007 Described by Ken Archive/Working



TOP: 5Y4/2 silt

0 – 10.5cm: 5Y4/2 silt
upper 3.5cm darker than lower
mottled

10.5 – 13.8cm: brownish banded silt
10.5-10.6, 11-11.2, 11.6-12.1, 12.5-12.7, 13-13.1, 13.3-13.8 brownish layers

17-17.2
17.9-18 } brownish layers

13.8 – 31.3cm: 5Y4/1 bioturbated silt with brownish oxidized layers

21-21.2 light brown layer

23.4-24.6 brownish layer

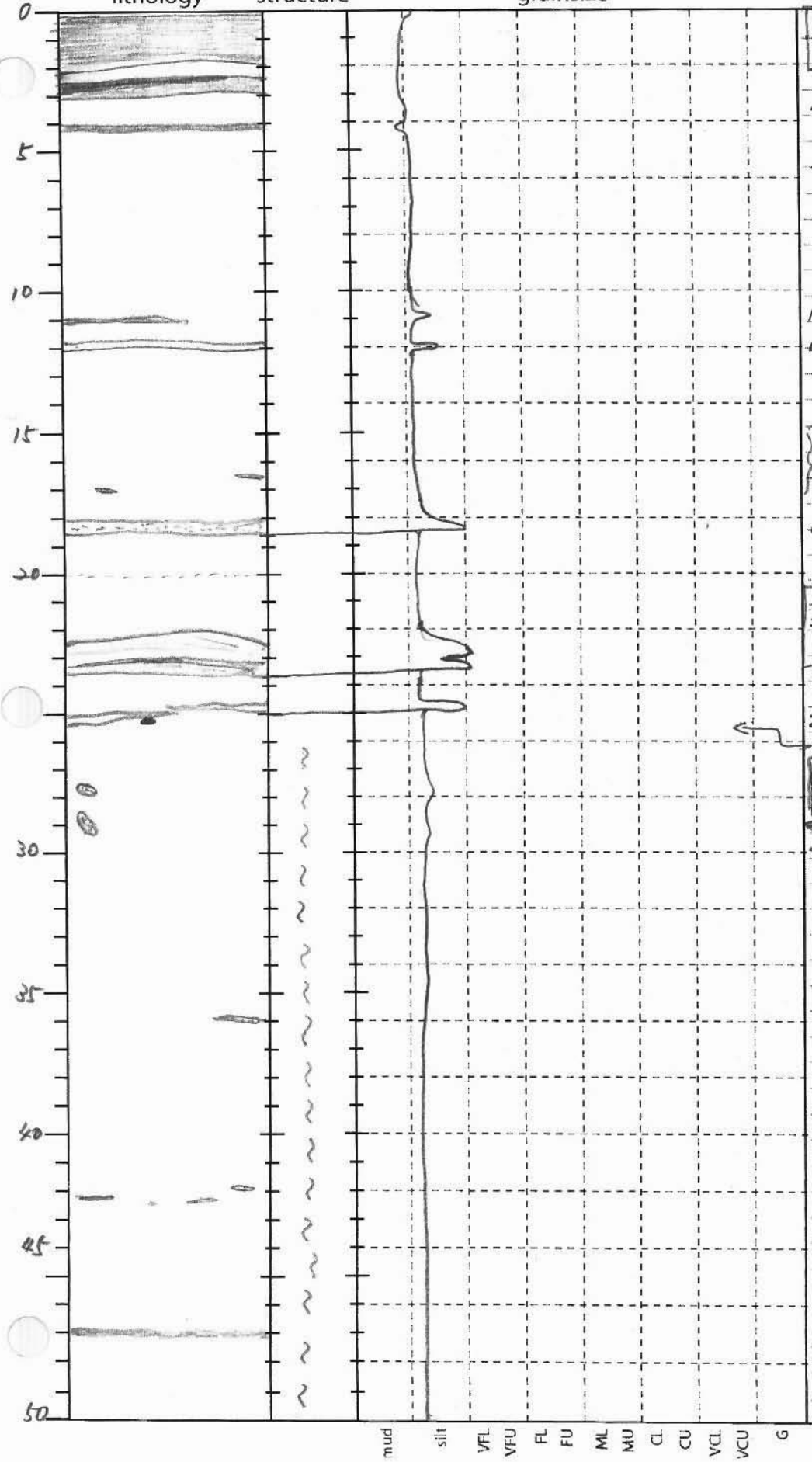
26.4-26.6 brownish layer (discontinuous)

31.3 – 34.4cm: alternation of brown (2.5Y 5/6) and olive (5Y 5/6) silt
31.3-32.1, 32.6-33.4, 33.8-34.2 brownish lower two layers bioturbated

34.4-36.8cm: 5Y4/2 silt
36.8-37.3cm: 10YR3/1 silt (dark)
37.3-38cm: 5Y4/2 silt

CORE LOG Core No. RR0705-48GC Section No. 2 sheet 1 of 3

Date 24/05/2007 Described by Ken Archive/Working



0-0.2cm : 5Y4/2 silt
0.2-2cm : 2.5Y3/2 clayey silt

smear
*1cm

2.5-3.1cm
4-4.2cm
5Y3/2 clayey silt

2-20cm: GREY1 4/10Y silt with two brownish clayey layers and two lighter layers, and a c.silt layer.
at least lower layer thought to be ash.

11-11.1cm ash? lighter layer
11.8-12cm GREY1 5/10Y silty ash

smear
*11.5cm

c.silt patches

18-18.5cm: GREY1 4/10Y c.silt well-sorted
vol. glass bearing? sharp base
upper boundary gradual?

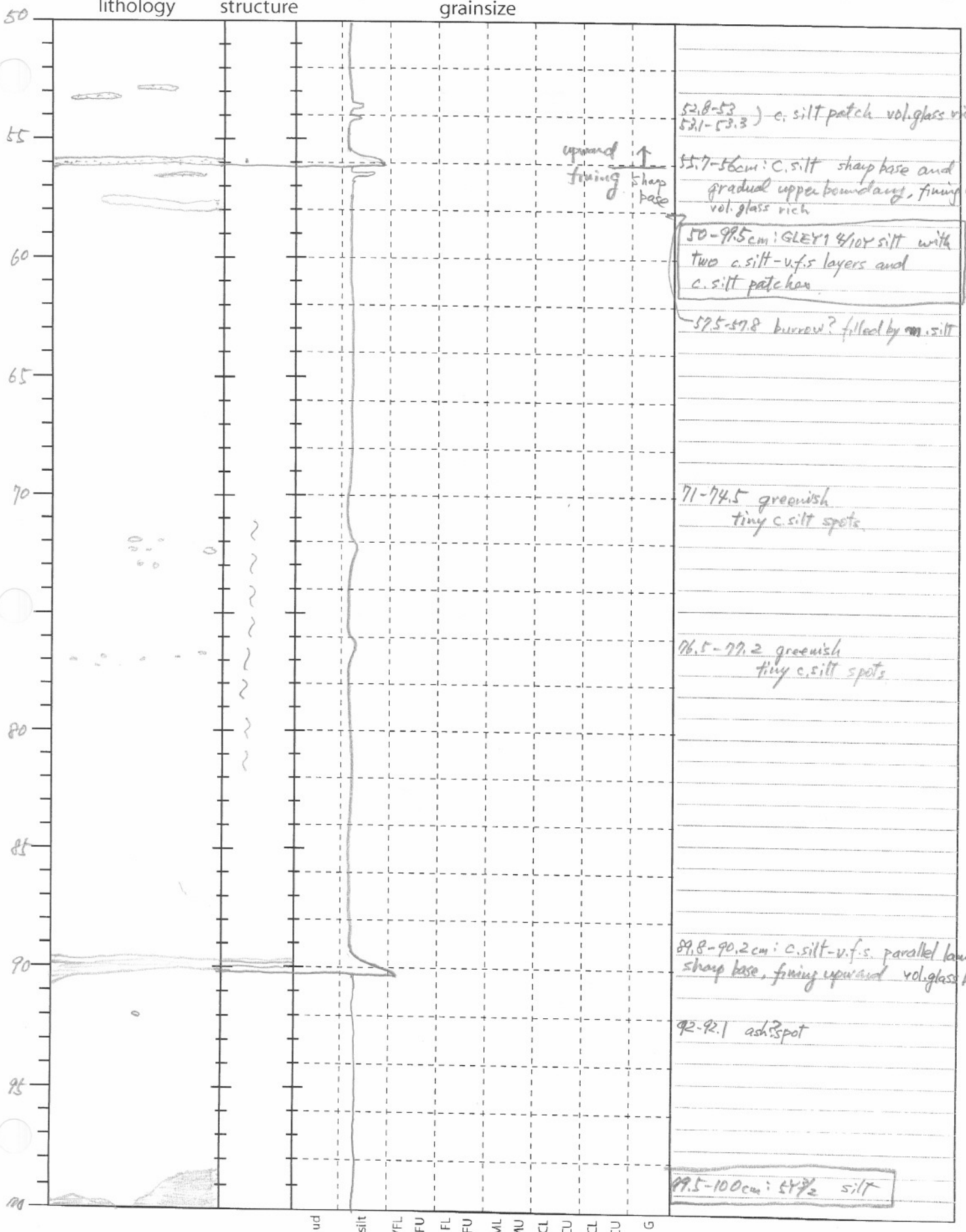
20-22.3cm: 5Y4/1 silt ripple?
22.3-23.6cm: GREY1 4/N c.silt cross-laminated
mud drape?

24.7-25cm c.silt layer
25-25.2cm white ash? patch
bioturbated
23.6-50cm: GREY1 4/10Y silt with a c.silt layer and c.silt tiny patches
c.silt filled in burrows?

a little
46.9-47.1cm: darker band

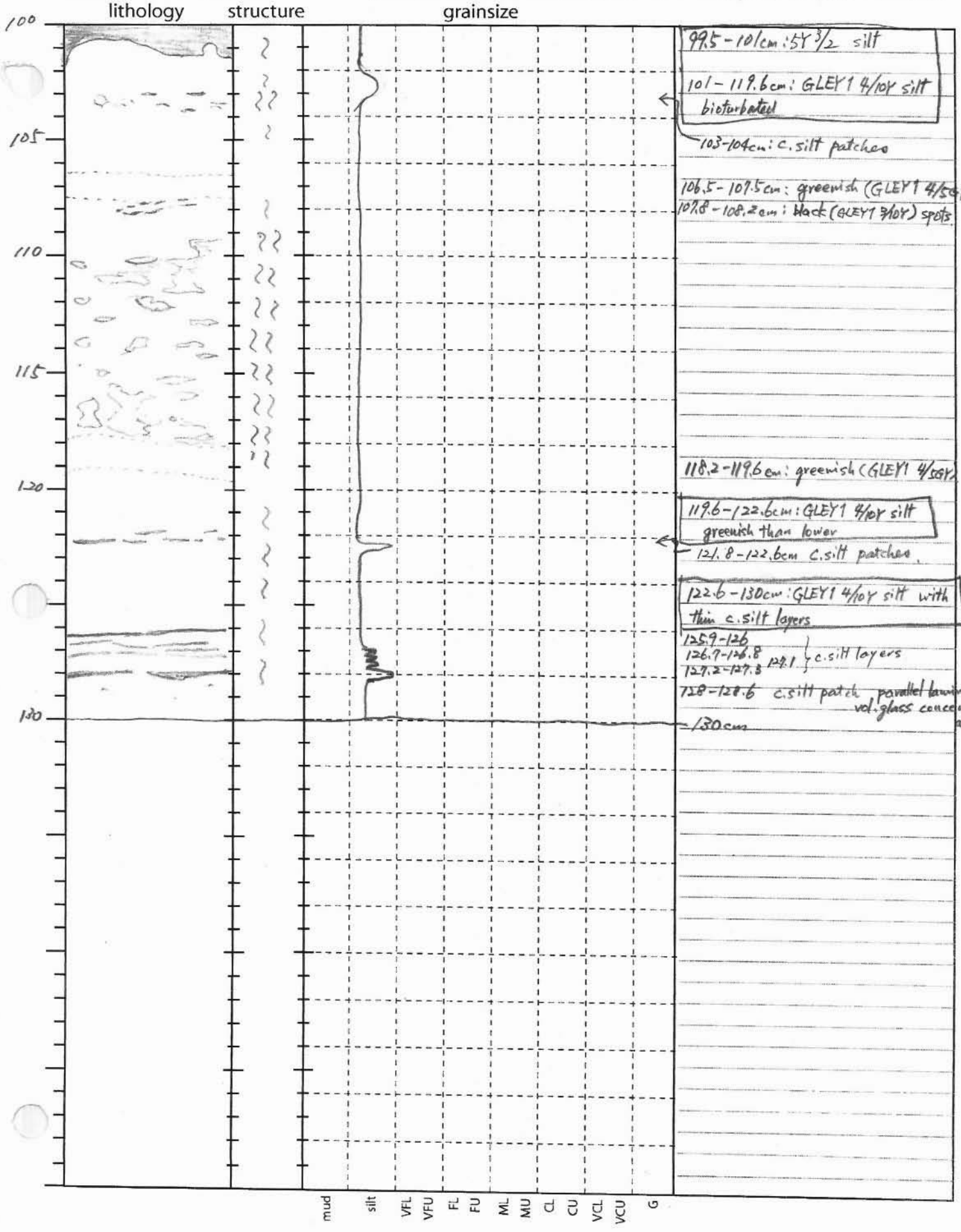
CORE LOG Core No. RR0705-48GC Section No. 2 sheet 2 of 3

Date 24/05/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-48GC Section No. 2 sheet 3 of 3

Date 24/05/2007 Described by Ken Archive/Working



99.5-101cm: 5Y 3/2 silt

101-119.6cm: GLEY1 4/10Y silt bioturbated

103-104cm: c.silt patches

106.5-107.5cm: greenish (GLEY1 4/5GY)

107.8-108.2cm: black (GLEY1 3/10Y) spots

118.2-119.6cm: greenish (GLEY1 4/5GY)

119.6-122.6cm: GLEY1 4/10Y silt greenish than lower

121.8-122.6cm c.silt patches

122.6-130cm: GLEY1 4/10Y silt with thin c.silt layers

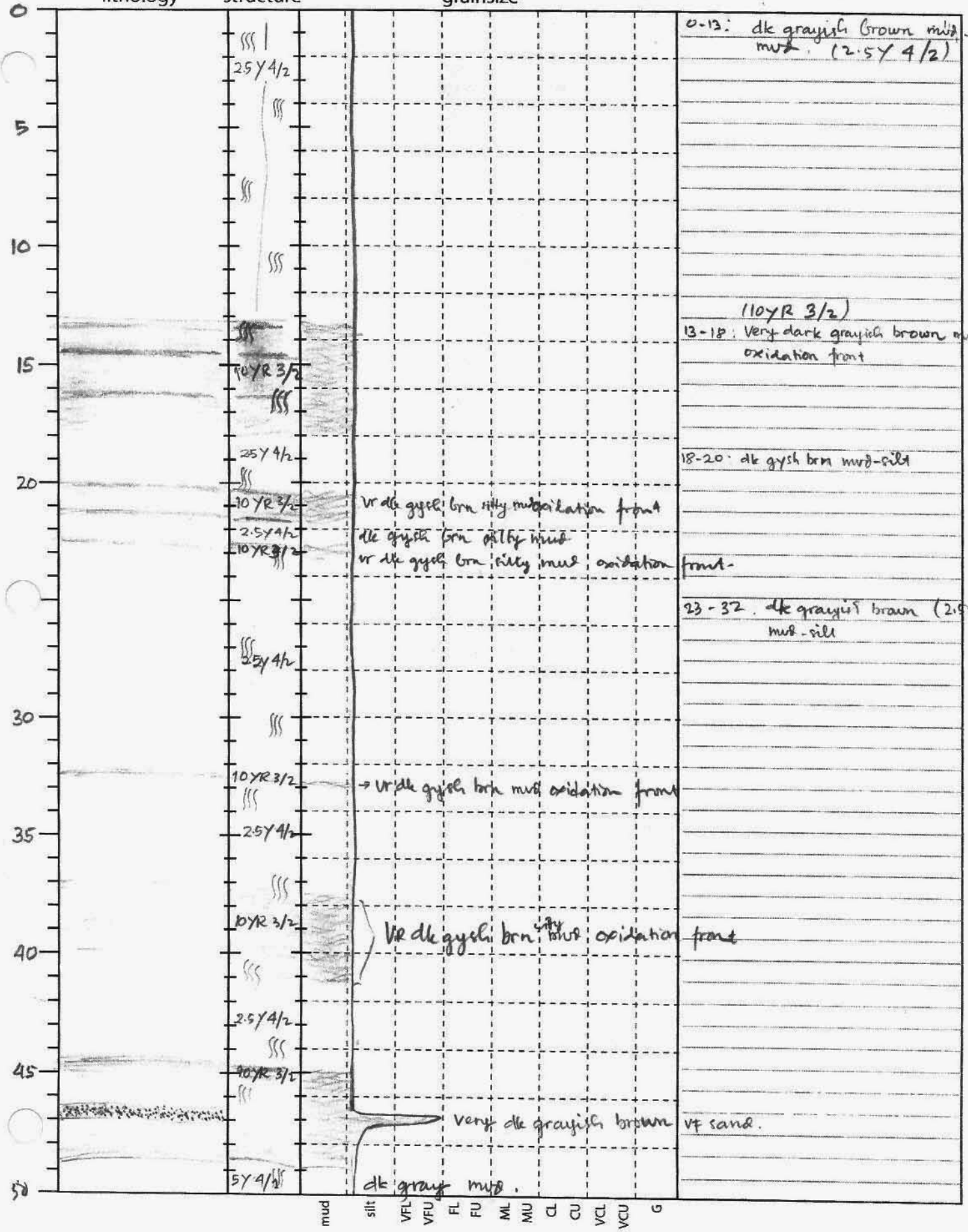
125.9-126
126.7-126.8
127.2-127.3
128.1 } c.silt layers

128-128.6 c.silt patch parallel laminated vol.glass concentrated at upper part

130cm

CORE LOG Core No. RR0705 - 49 TC Section No. 1 & 2 sheet 1 of 4

Date 25/05/07 Described by SAPTA Archive/Working



0-13: dk grayish brown mud - silt mud. (2.5Y 4/2)

(10YR 3/2)

13-18: very dark grayish brown mud. oxidation front

18-20: dk gysh brn mud-silt

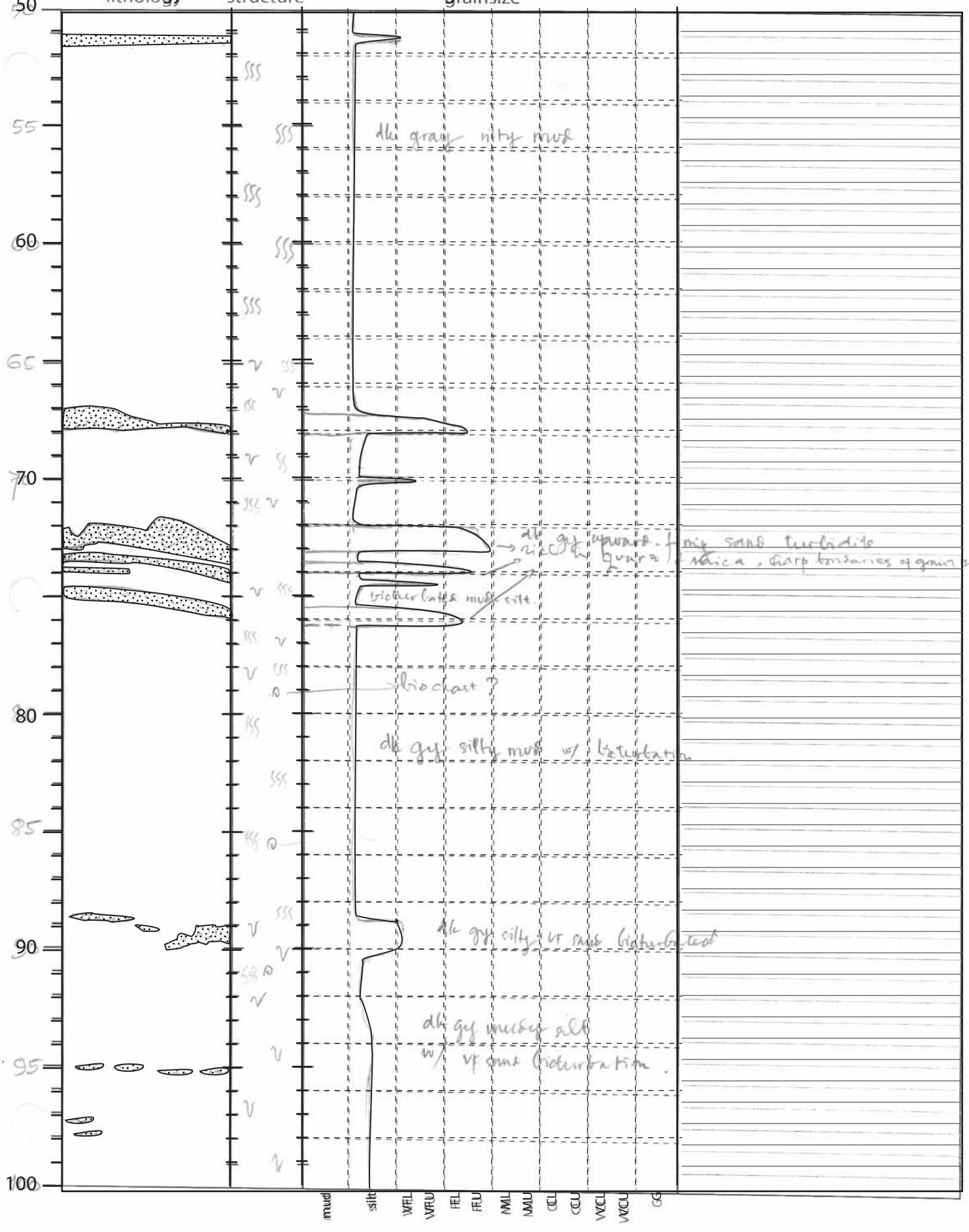
23-32. dk grayish brown (2.5Y 4/2) mud-silt

vf sand.

CORE LOG Core No. RR0705-49TC Section No. 1 of 2 sheet 2 of 4

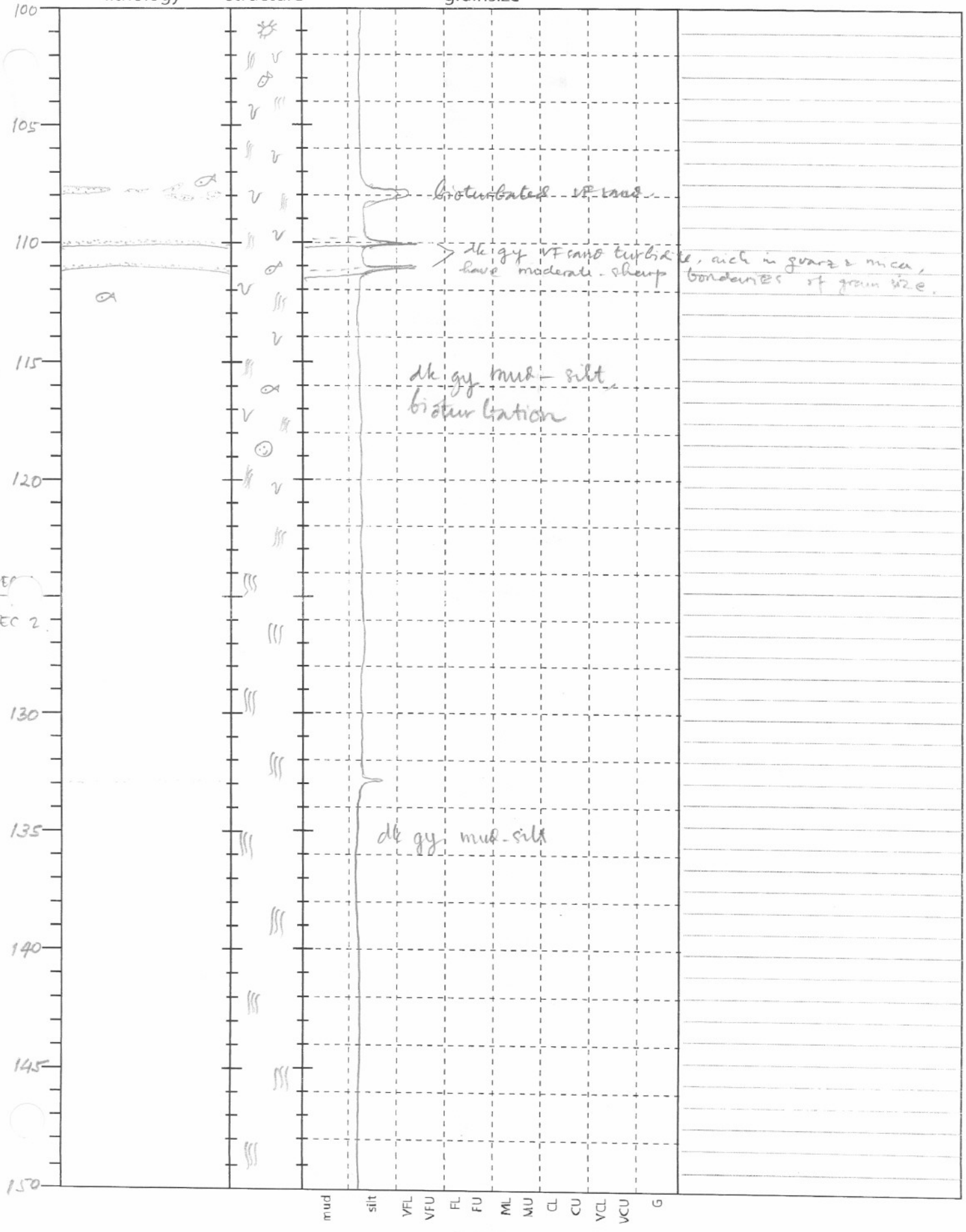
Date 25/05/07 Described by SAPTA Archive/Working Working

lithology structure grainsize



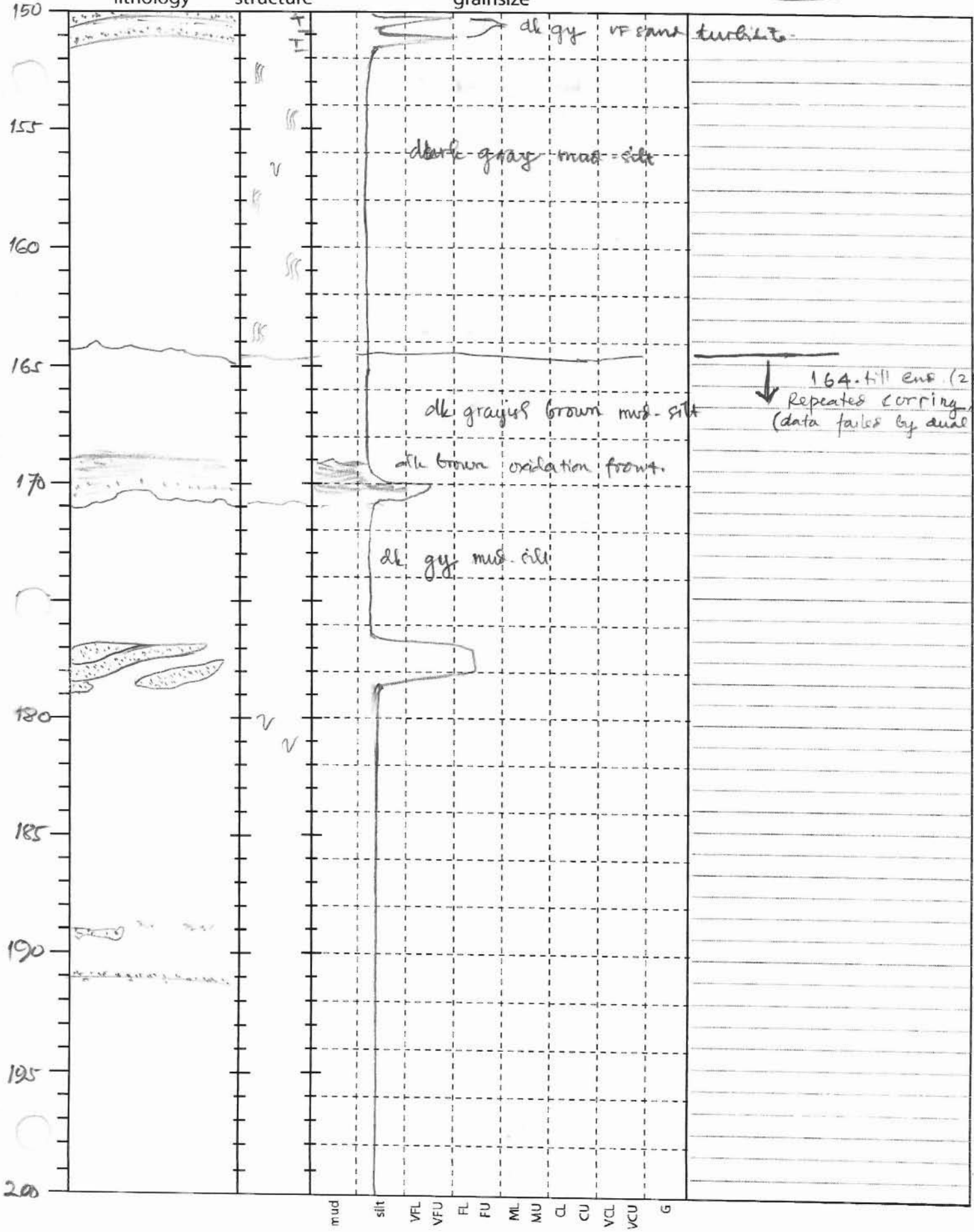
CORE LOG Core No. RR 0705 - 49 TC Section No. 1 & 2 of 2 sheet 3 of 4

Date 25 / 05 / 07 Described by SAPTA Archive/Working



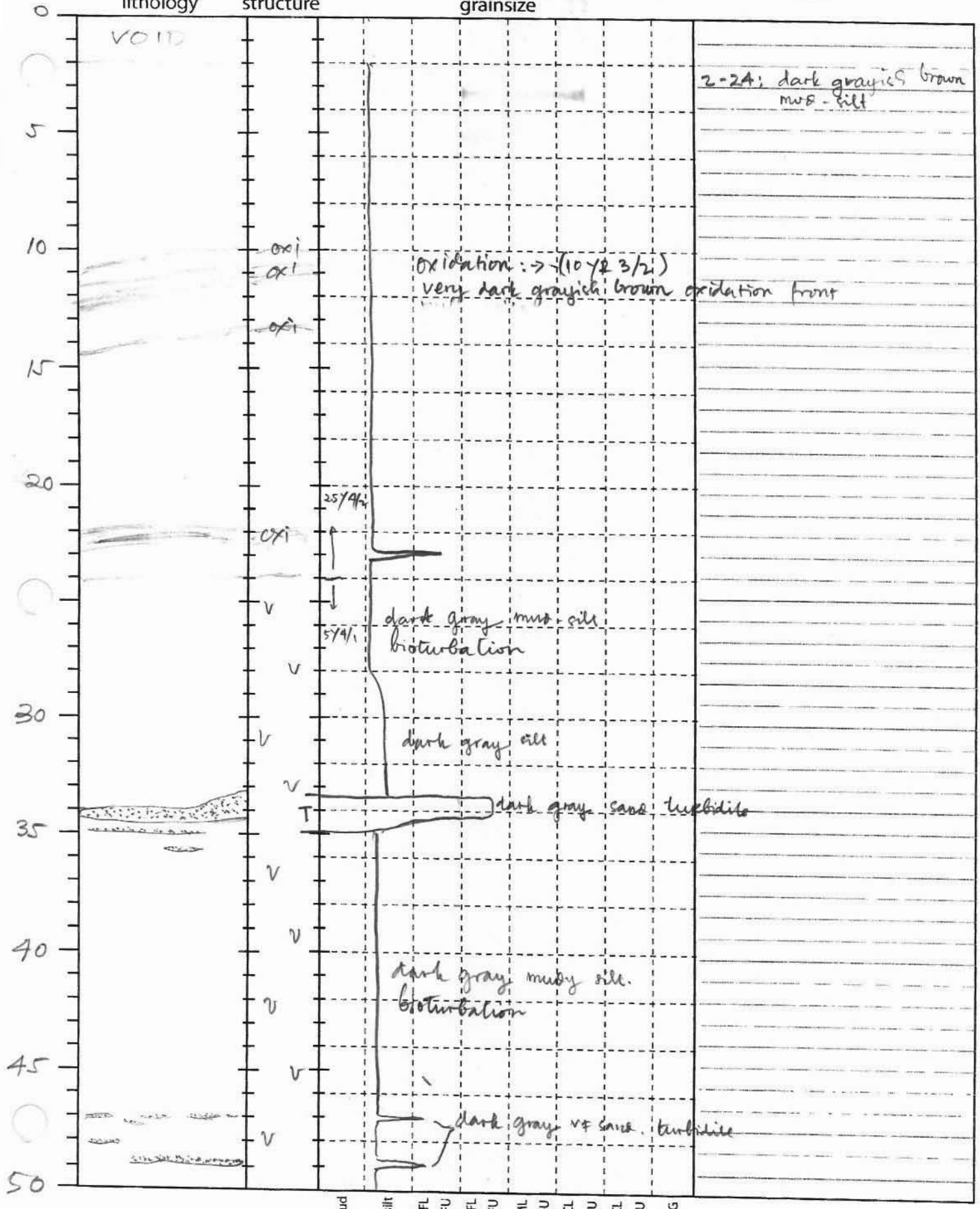
CORE LOG Core No. RR0705-49TC Section No. 2 of 2 sheet 4 of 4

Date 25/05/07 Described by SAPTA Archive/Working



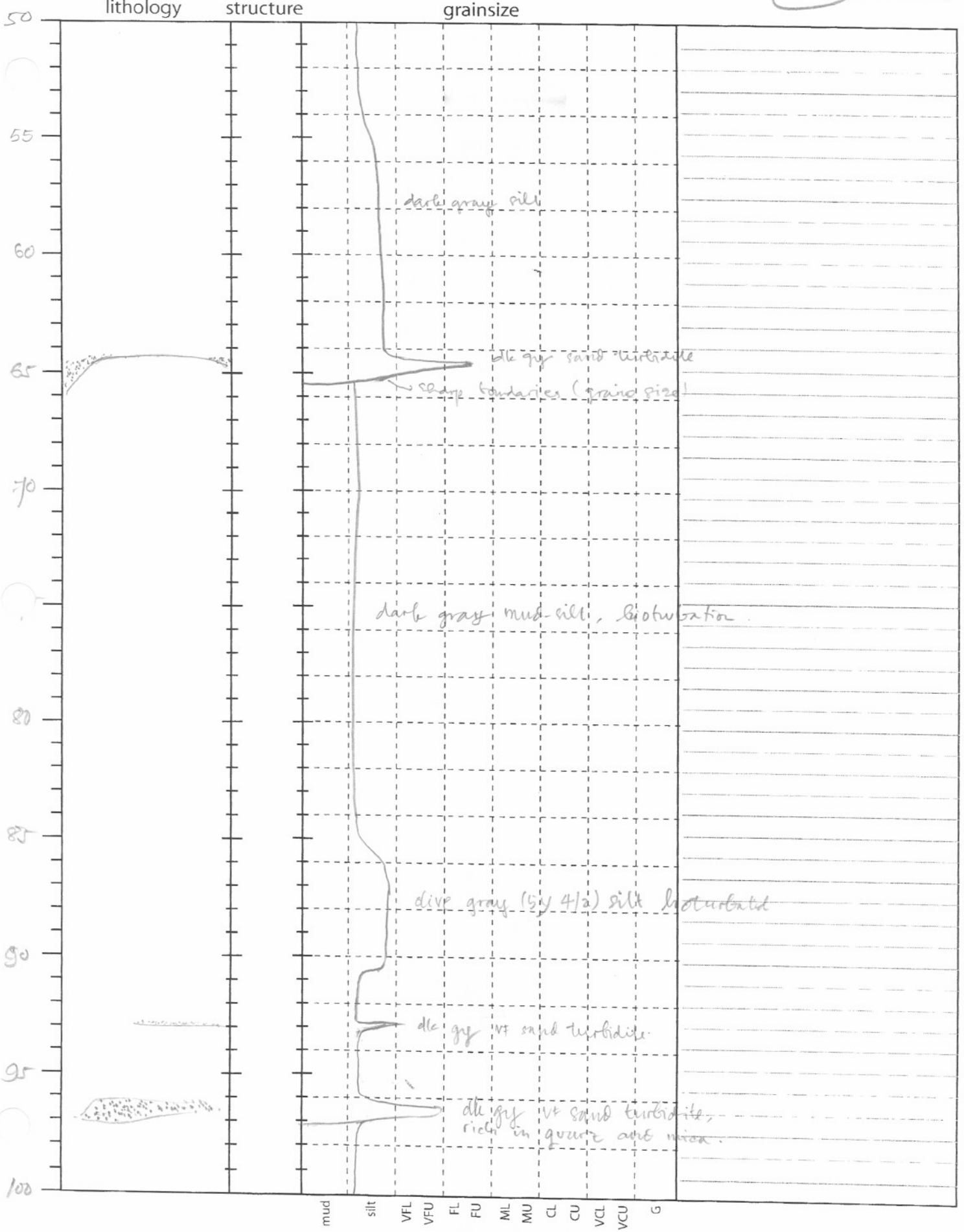
CORE LOG Core No. RR0705 - 49 PC Section No. 1 of 3 sheet 1 of 3

Date 25/05/07 Described by SAPTA Archive/Working



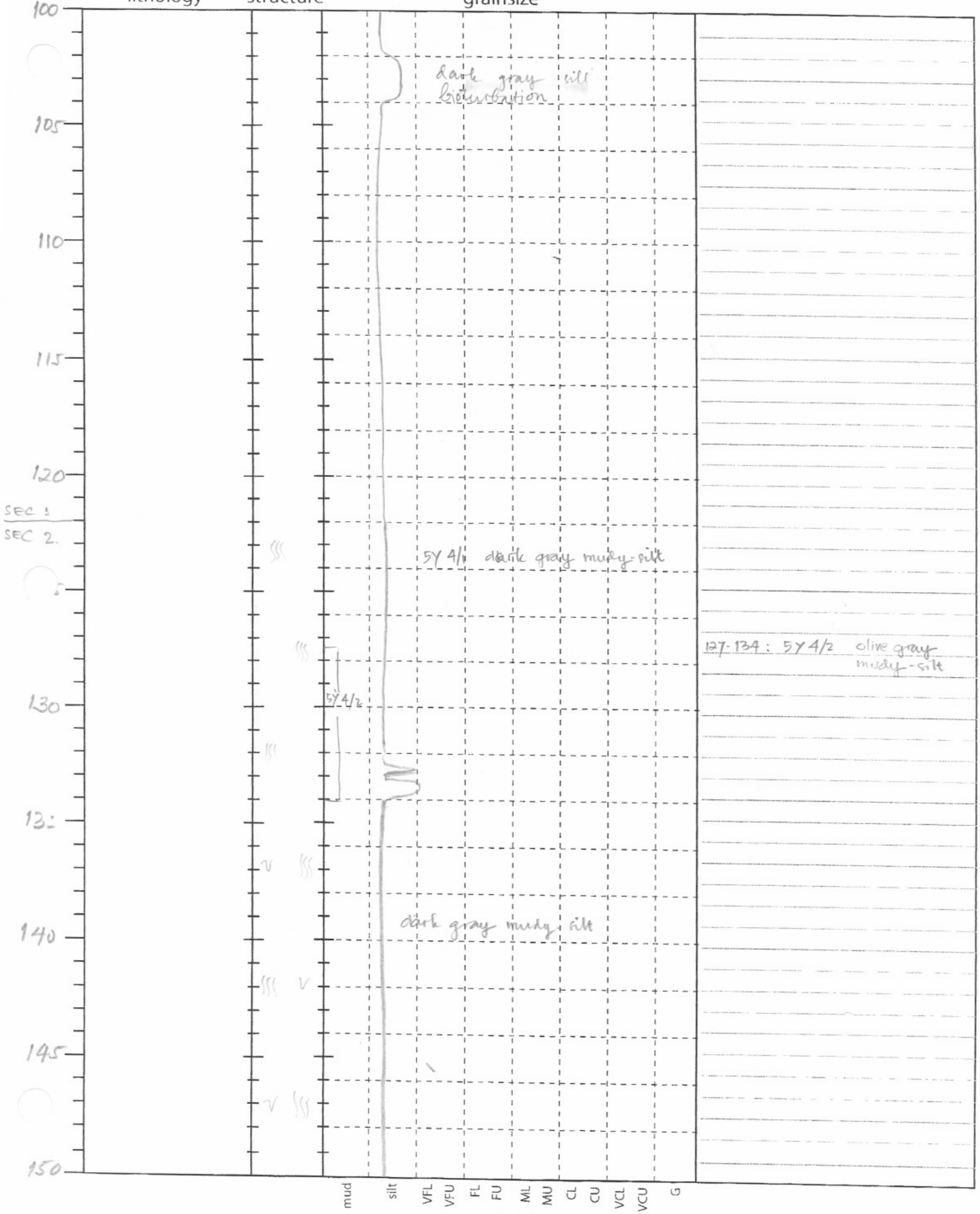
CORE LOG Core No. RR0705 - 49 PC Section No. 1 sheet 2 of 8

Date 25 / 05 / 07 Described by SAPTA Archive/Working



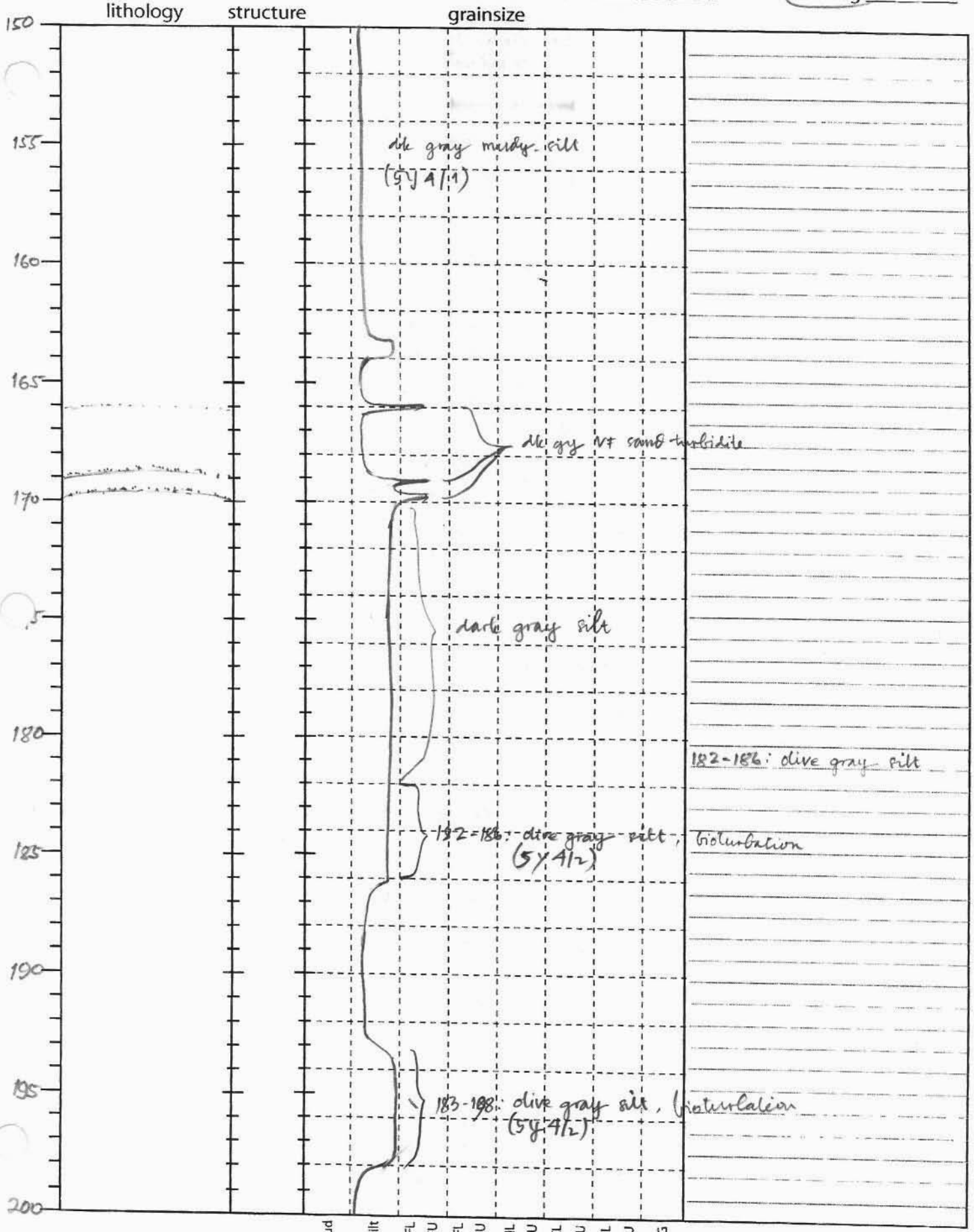
CORE LOG Core No. RR0705 - 49 PC Section No. 2 sheet 3 of 8

Date 25 / 05 / 07 Described by SAPTA Archive/Working



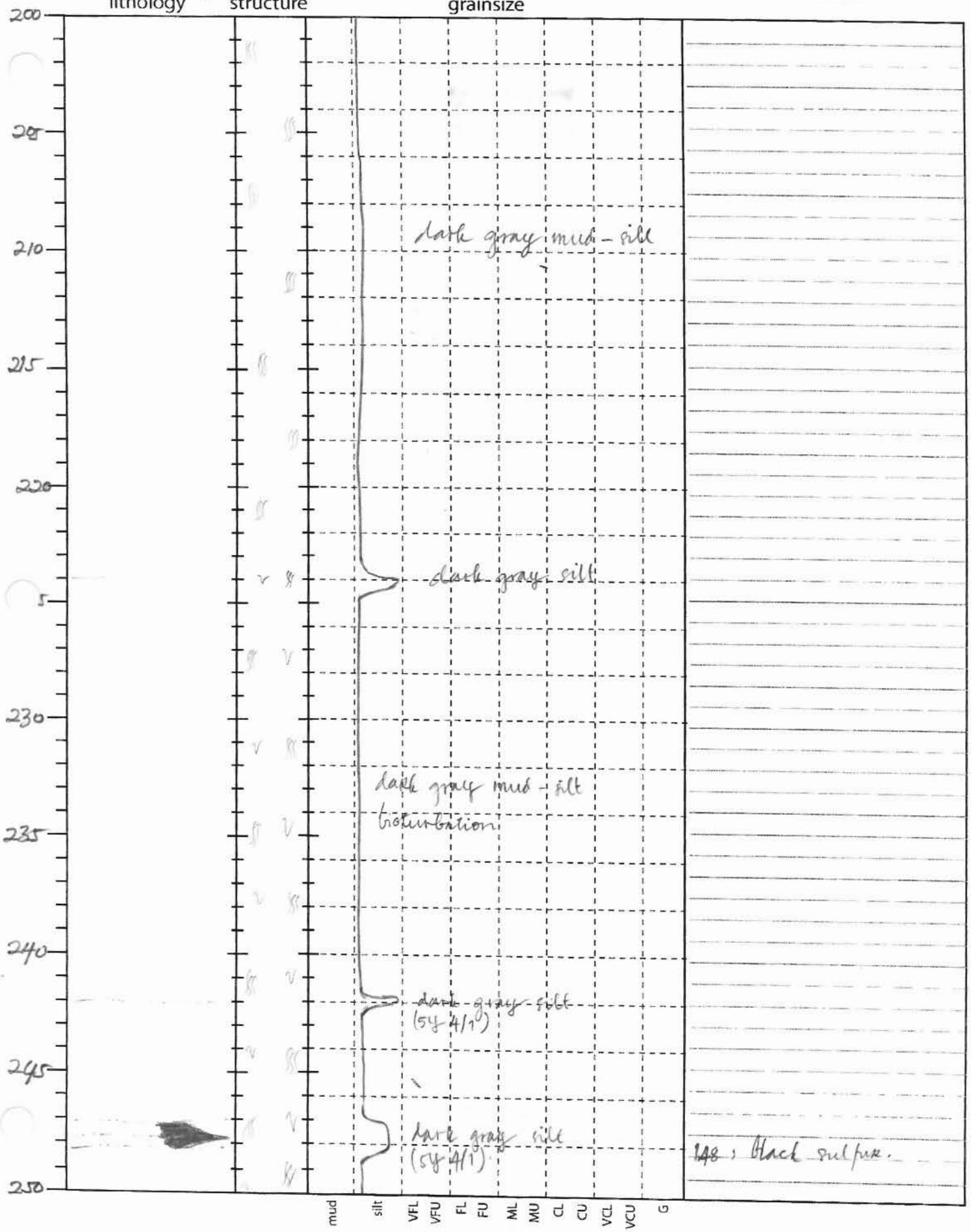
CORE LOG Core No. RR0705 - 49 PC Section No. 2 of 3 sheet 4 of 8

Date 25/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 49PC Section No. 2 of 3 sheet 5 of 8

Date 25/05/07 Described by SAPTA Archive/Working

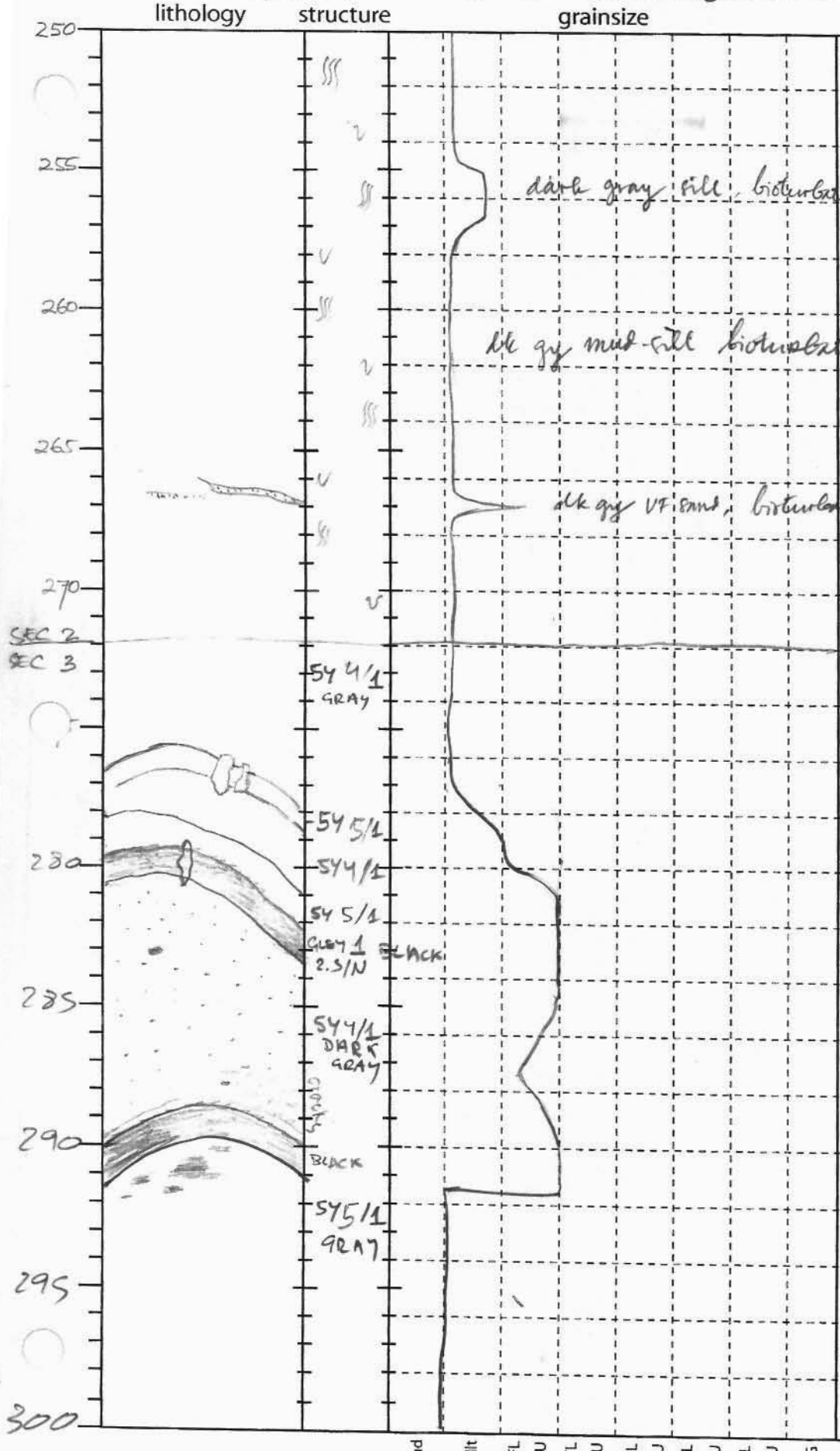


148 : Black sulfur.

CORE LOG Core No. RR0705 - 49PC Section No. 2 of 3 sheet 6 of 8

Date 25/05/07 Described by SAPTA / XIDENA Archive/Working

lithology structure grainsize



280 - Black layer of VF Sand smells bad !!! Diffuse limit Seems graphite, stains a lot.

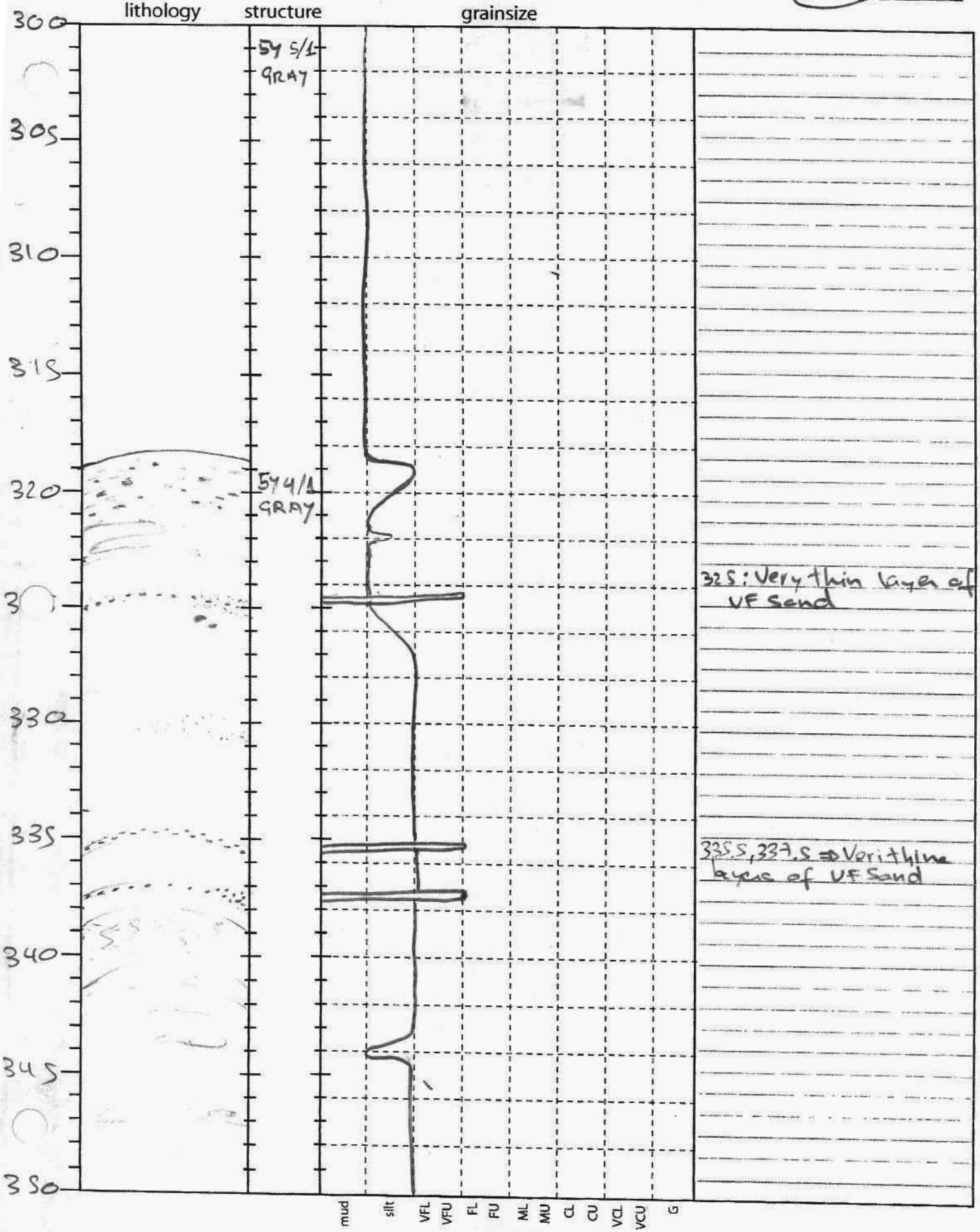
290-291.5 - Black layer of VFS. Diffuse to 290 cm but lower limit is sharp.

291.5 - Black spots of same material of 280

(272 - 397) -> 125 cm

CORE LOG Core No. RR0705-49PC Section No. 3of3 sheet 7 of 8

Date 25/05/07 Described by XINEVA Archive/Working

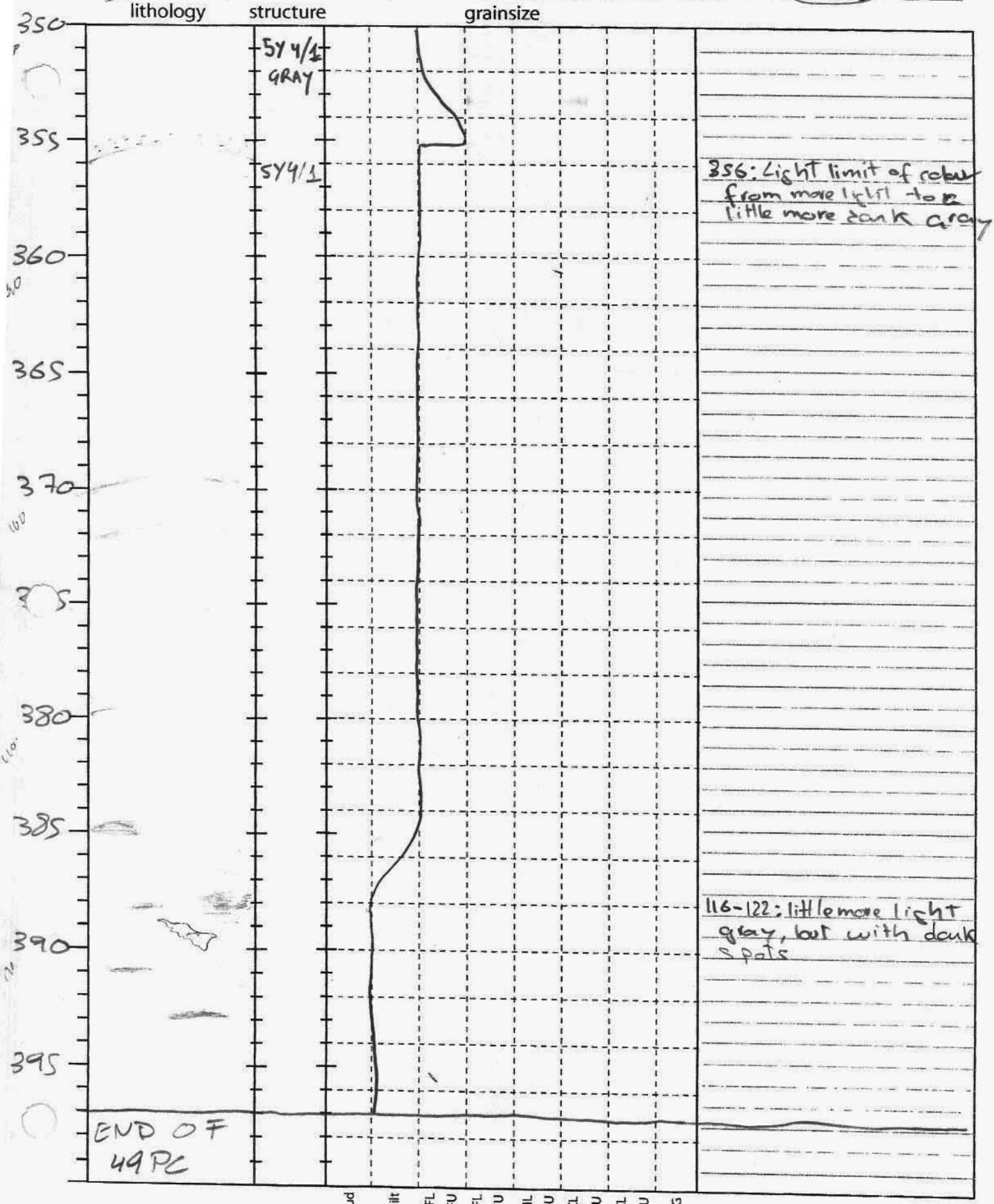


325: Very thin layer of VF sand

335.5, 337.5 ⇒ Very thin layers of VF sand

CORE LOG Core No. RR0705-49PC Section No. 3 of 3 sheet 8 of 8

Date 25/05/07 Described by KINGNK Archive/Working

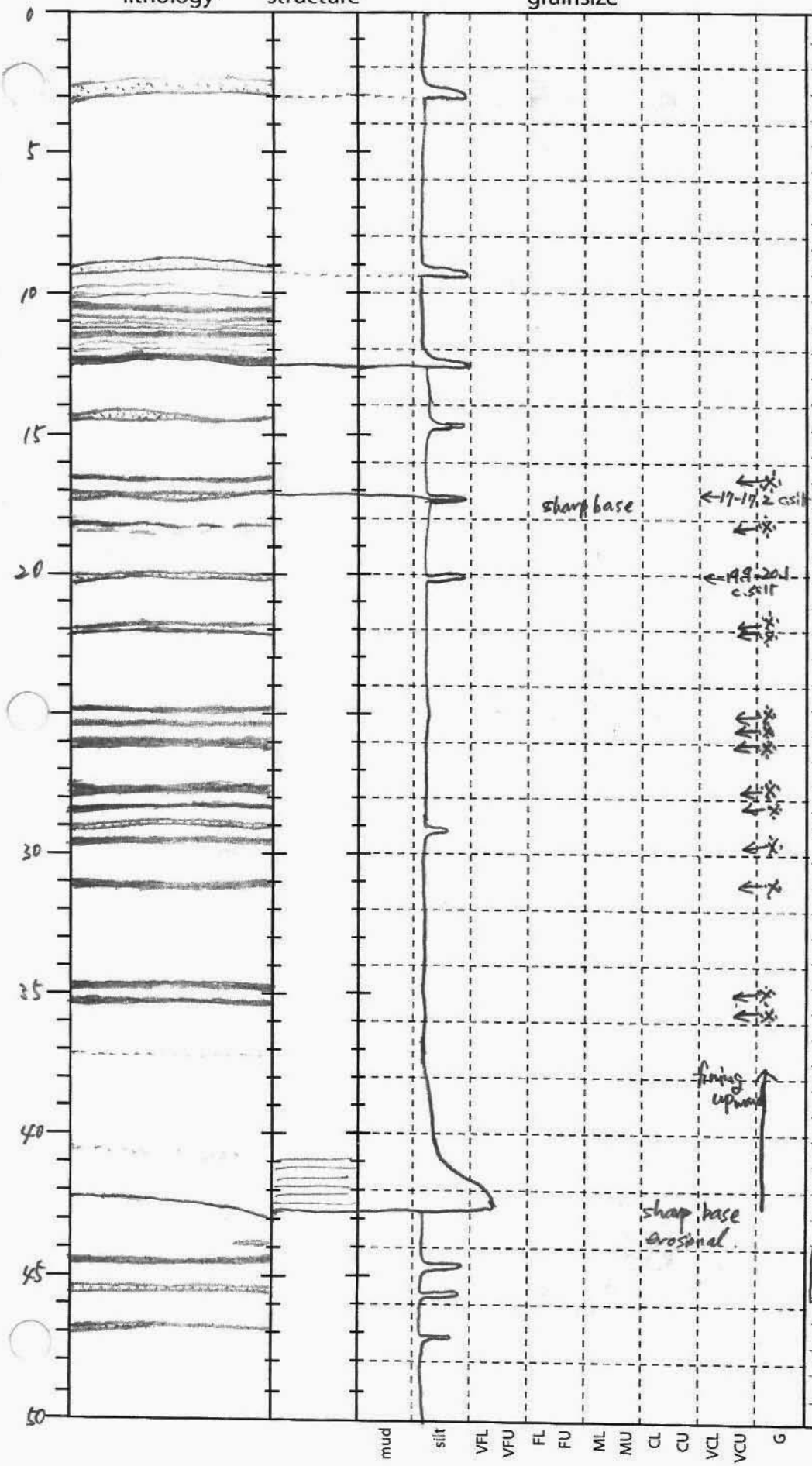


356: Light limit of color from more light to a little more dark gray

116-122: little more light gray, but with dark spots

CORE LOG Core No. RR0705 - 50GC Section No. 1 sheet 1 of 3

Date 25/05/2007 Described by Ken Archive/Working



Top: 5Y4/1 silt

2.5-3.2cm: 5Y4/1 c.silt

0-10.2cm: 5Y4/1 silt with two c.silt layers

8.9-9.2cm: 5Y4/1 c.silt

10.2-12.6cm: Bedded silt (2.5Y4/1, 5Y3/1, 5Y4/1) with a c.silt layer

12.2-12.6cm: 2.5Y4/1 c.silt layer. sharp base

12.6-14.2cm: 5Y4/1 silt

13.8-14.0cm: c.silt lenses

14.2-16.2cm: GLEY1 4/10Y silt greenish than lower

16.2-37.3cm: GLEY1 4/10Y silt with thin c.silt layers & brownish oxidized layers

※ oxidized: 16.4-16.5, 18-18.1, 19.8, 21.8, 22.0, 24.8, 25.4-25.5, 25.9-26, 28.9-28, 28.3, 29.3-29.6, 30.9-31.1, 34.9-35, 35.1-35.2

17-17.2: 5Y4/1 c.silt well-sorted

19.9-20.1: 5Y4/1 c.silt

28.7-28.9: 5Y4/1 c-m.silt

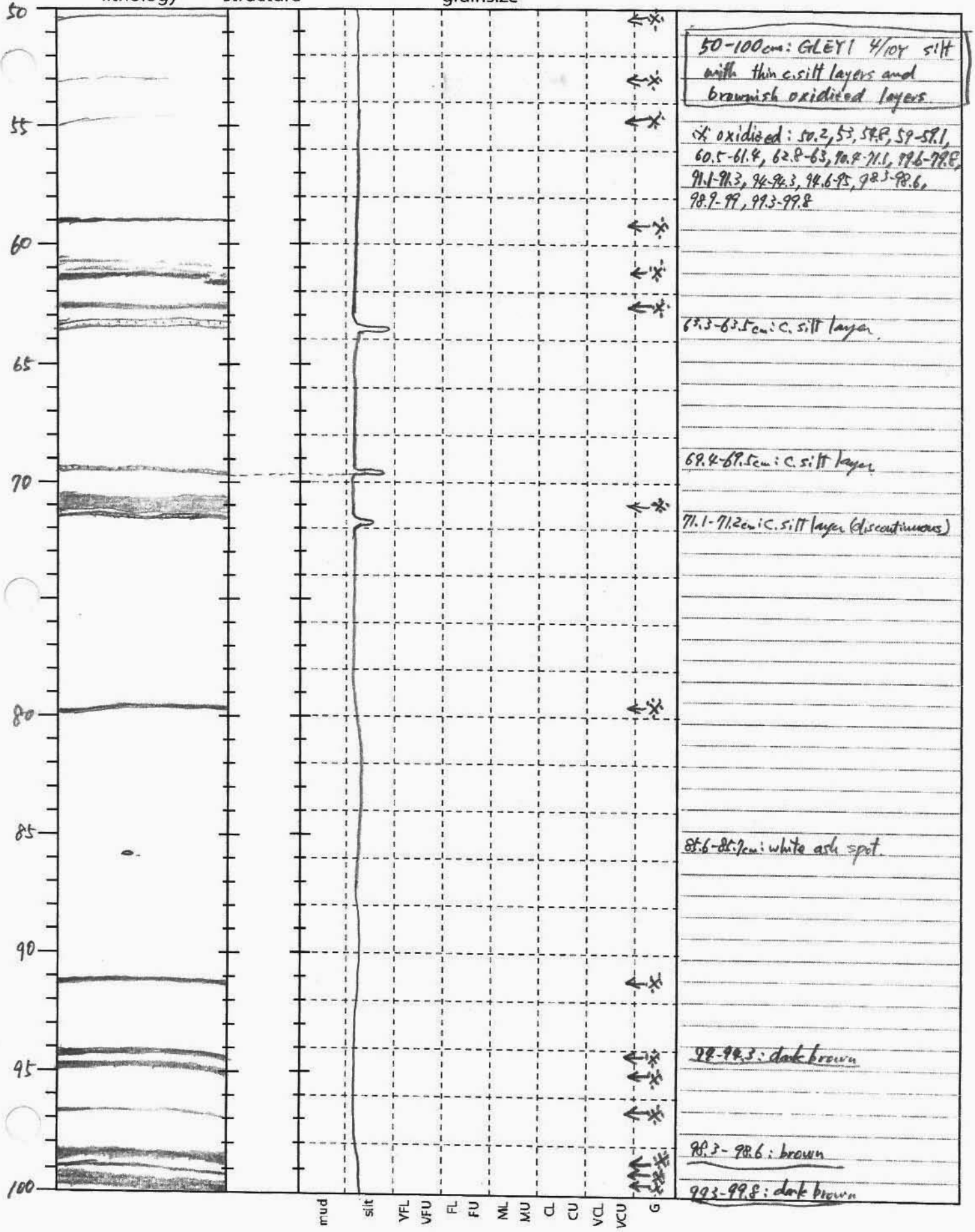
37.3-42.3cm: c.silt - v.f.s. vcl.glass bearing upward fining, sharp base lower part parallel laminated

42.3-50cm: GLEY1 4/10Y silt with three c.silt layers

44.2-44.4cm:
45.4-45.6cm: } c.silt layers
46.9-47.0cm:

CORE LOG Core No. RR0705 - 50GC Section No. 1 sheet 2 of 3

Date 25/05/2007 Described by Ken Archive/Working



50-100cm: GLEY1 4/10Y silt with thin c.silt layers and brownish oxidized layers.

* oxidized: 50.2, 53, 57.8, 59-59.1, 60.5-61.4, 62.8-63, 70.8-71.1, 79.6-79.8, 91.1-91.3, 94-94.3, 94.6-95, 98.3-98.6, 98.9-99, 99.3-99.8

63.3-63.5cm: C. silt layer

68.4-68.5cm: C. silt layer

71.1-71.2cm: C. silt layer (discontinuous)

85.6-85.7cm: white ash spot

92-94.3: dark brown

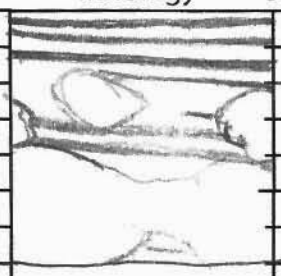
98.3-98.6: brown

99.3-99.8: dark brown

CORE LOG Core No. RR0705-50GC Section No. 1 sheet 3 of 3

Date 25/05/2007 Described by Ken. Archive/Working

lithology structure grainsize



100–107cm : GLEY1 4/10Y silt banded with oxidized layers lowermost part burrowed

* oxidized (2.5Y4/2) : 100.2–100.4, 100.9–101, 101.4–101.6, 101.9–102, 103.4–103.6, 103.9–104.1

107cm

106.70cm

100

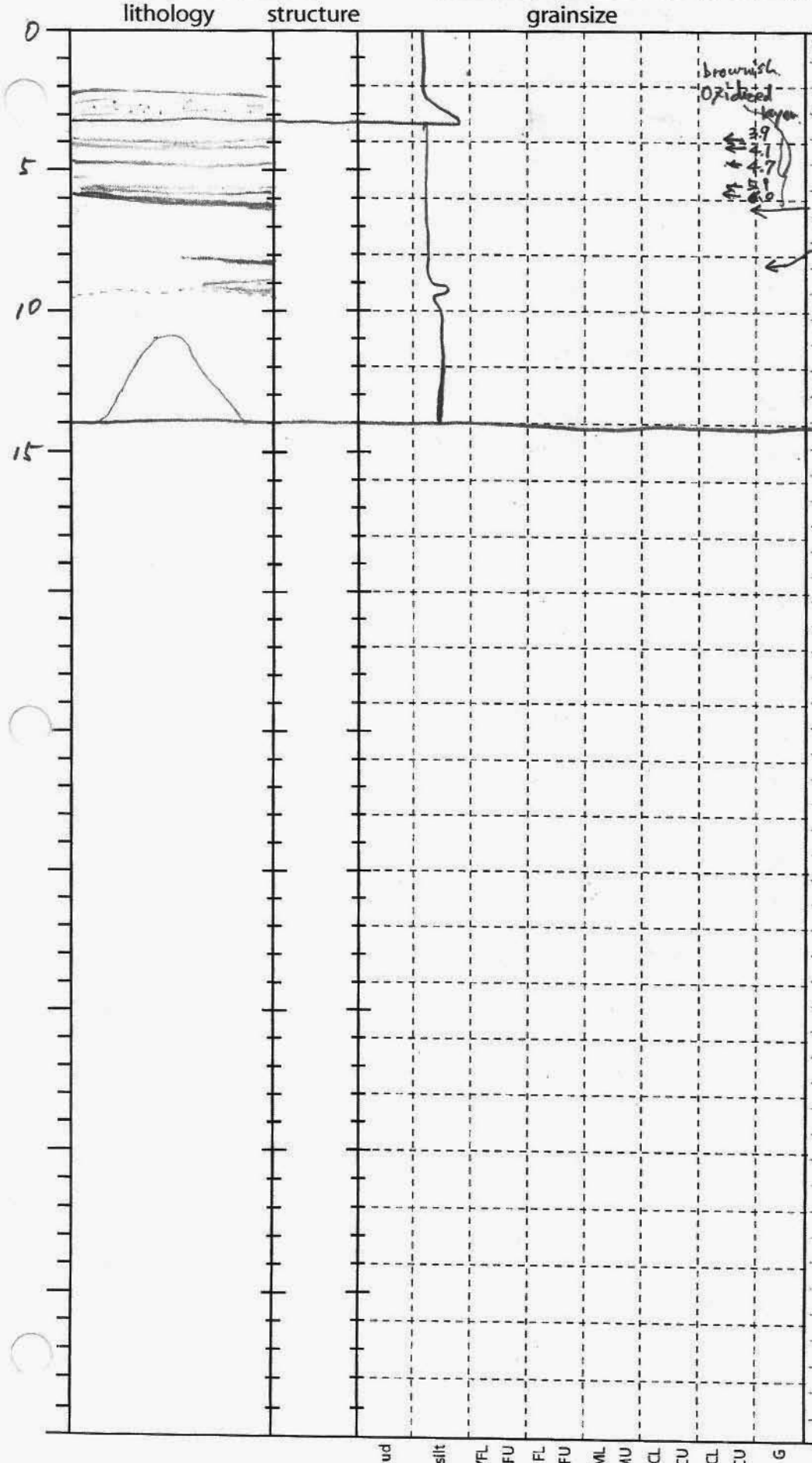
105

110

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-52GC Section No. 1 sheet 1 of 1

Date 21/05/2007 Described by Ken Archive/Working



Top: 5Y4/2 silt

2.2-3.1cm: c-m. silt layer (5Y4/1)

0-9.5cm: 5Y4/2 silt with a c. silt layer and brownish oxidized layers

6.1-6.3cm: brownish oxidized

8.1 brownish oxidized

8.8-9.4cm: c. silt lense (5Y4/1)

9.4-14cm: 5Y4/1 silt
coarser than upper part
vol. glass bearing

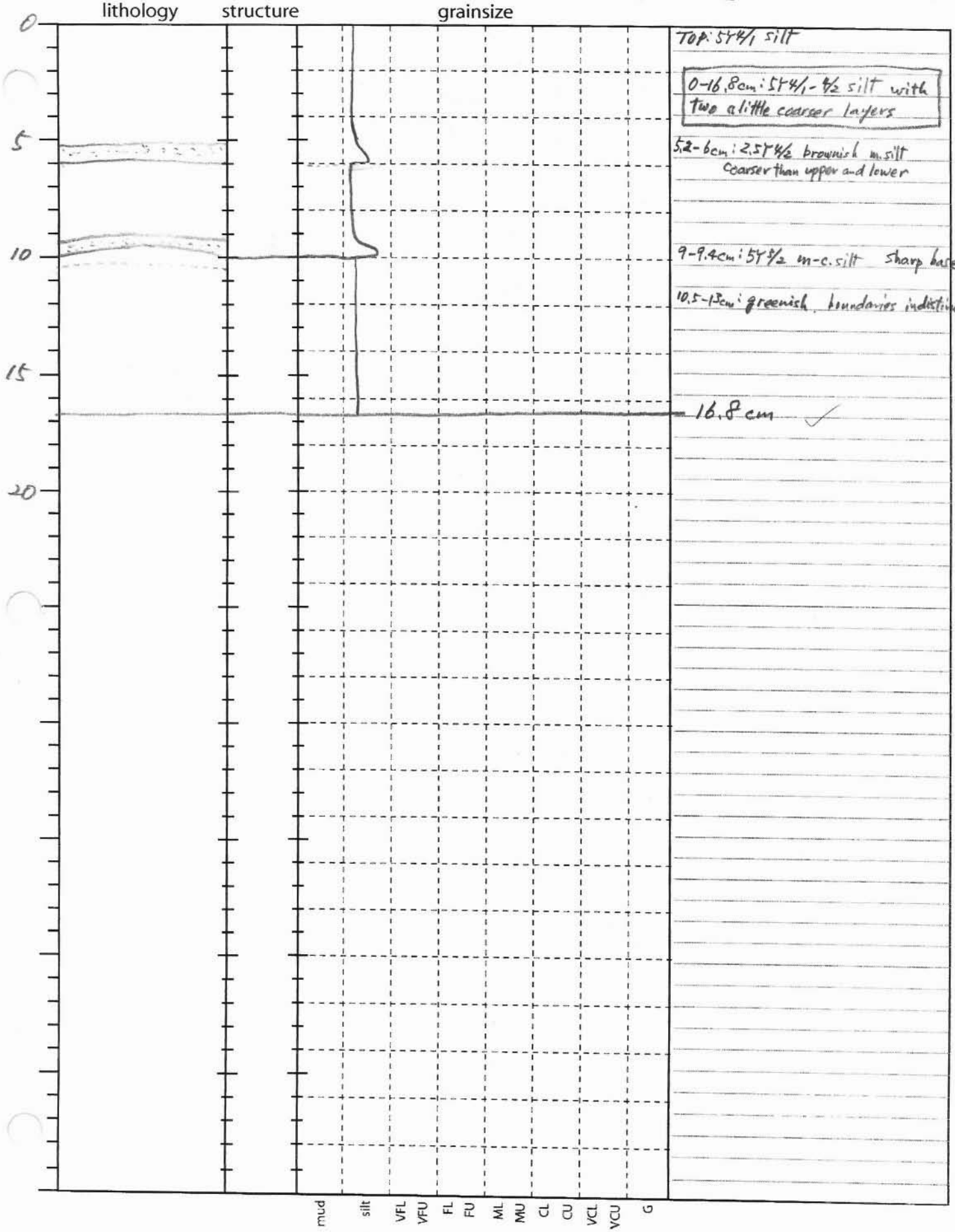
14cm

cluck smear slide

13.70cm

CORE LOG Core No. RR0705-53GC Section No. 1 sheet 1 of 1

Date 24/05/2007 Described by Ken Archive/Working



TOP: 5Y4/1 silt

0-16.8cm: 5Y4/1-4/2 silt with two a little coarser layers

5.2-6cm: 2.5Y4/2 brownish m. silt coarser than upper and lower

9-9.4cm: 5Y5/2 m-c. silt sharp base

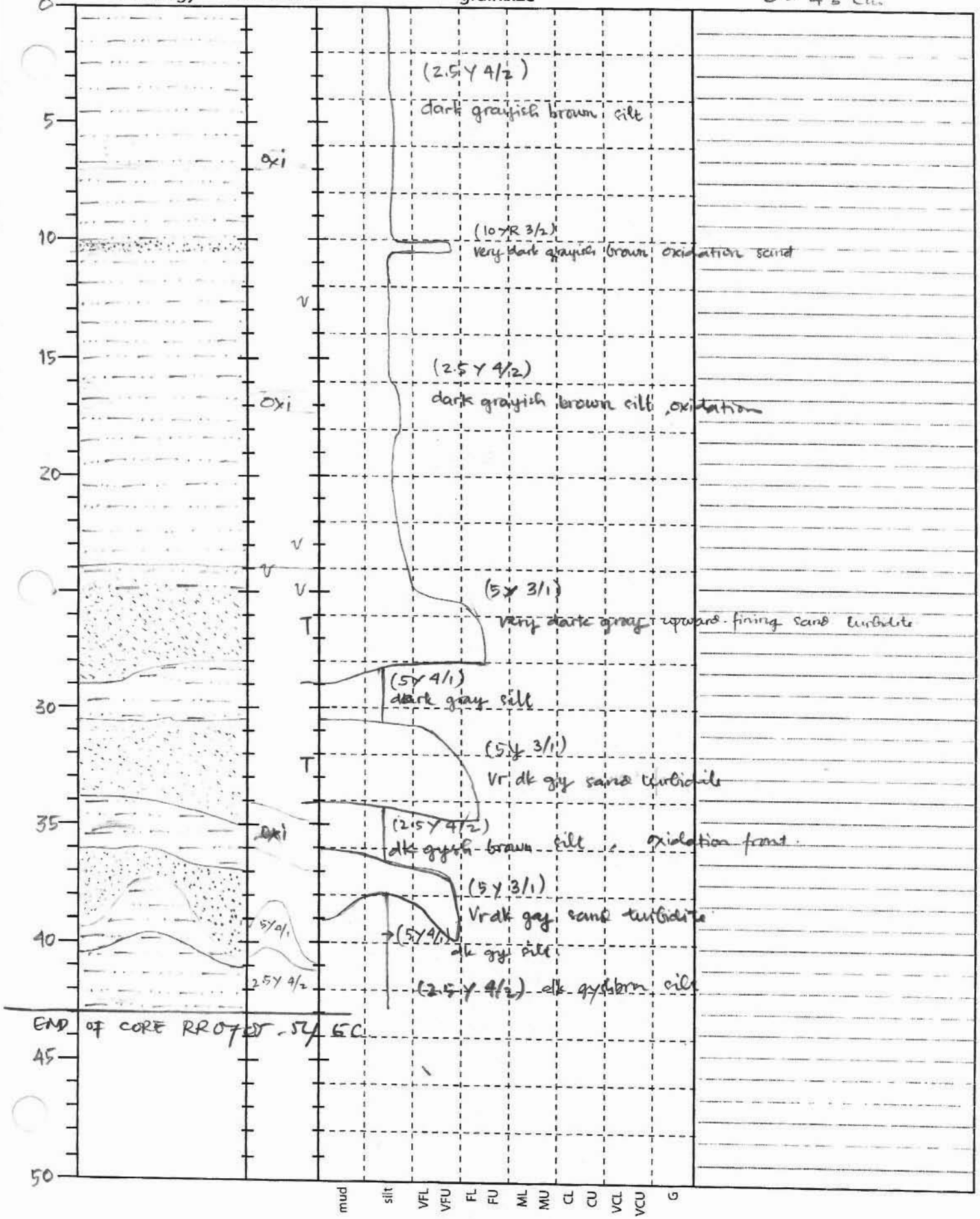
10.5-13cm: greenish, boundaries indistinct

= 16.8 cm ✓

CORE LOG Core No. RR0705 - 54 GC Section No. 1 of 1 sheet 1 of 1

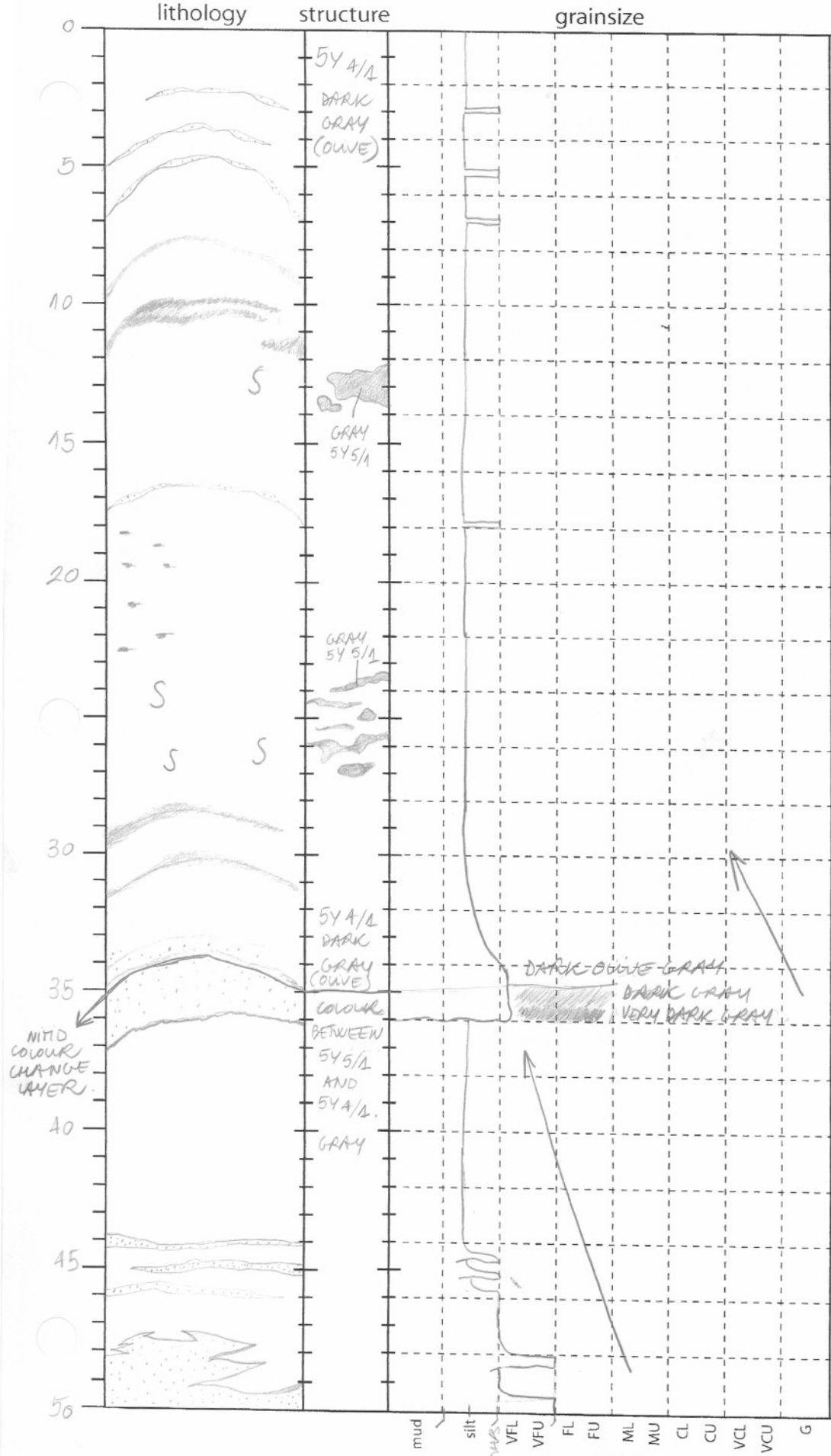
Date 26/05/07 Described by SAPTA Archive/Working

0 - 43 cm



CORE LOG Core No. BB0705-55PC1 Section No. 1 OF 2 sheet 1 of 6

Date 26/05/07 Described by ZORAIDA Archive/Working



7 CM: SANDY SILT LAYERS (DIFFUSE BOUNDARIES. UNCONSTANT THICKS)

10-12: BROWNISH OX. LAYERS

12-14 CM: GRAY COLOURED ROUNDED SHARP IN A (5Y 4/1) SILT LAYER, BIOTURBATION ?

17'30, SANDY SILT LAYER (DIFFUSE BOUNDARY AND UNCONSTANT THICK).

18-23: MILIMETRICAL BLACK SPOTS

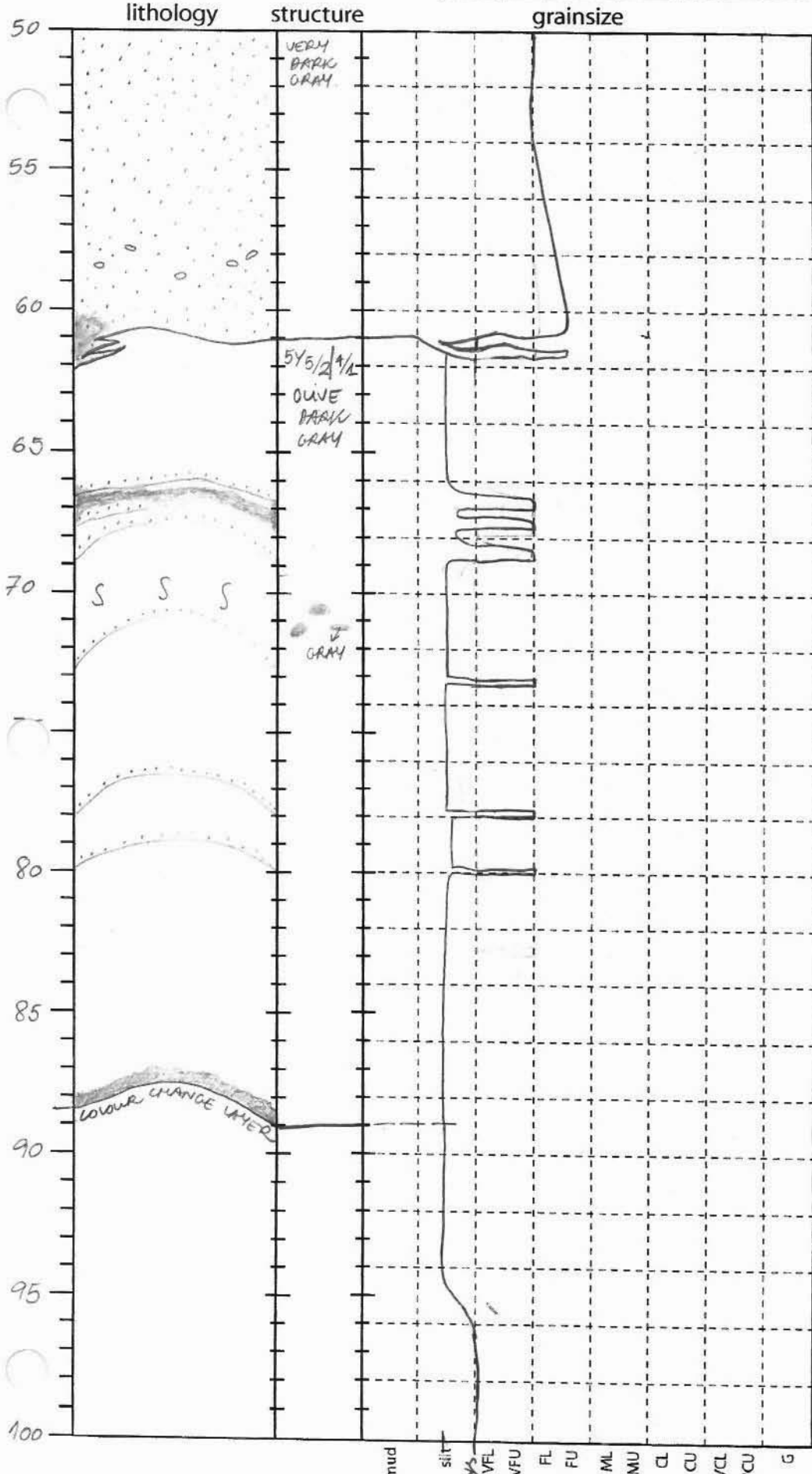
23-27'5. (INTERFINGERED DARK COLOUR LAYERS. DARK GRAY / GRAY).

34-37 CM: VERY FINE SAND OR SANDY SILT LAYER (SHARP AND IRREGULAR BASAL BOUNDARY, AND GRADED GRAINSIZED UPPER BOUNDARY, THEN IS A DIFFUSE BOUNDARY, COLOUR CHANGE FROM BOTTOM TO TOP: VERY DARK GRAY → DARK GRAY (GRADED COLOUR CHANGE) DAR GRAY → DARK OLIVE GRAY (SHARP COLOUR CHANGE)

37-61: FROM TOP TO BOTTOM SILT LAYER (37-46) WITHOUT STRUCTURES (5Y 4/1) THE UPPER CONTACT WITH THE UPPER SAND LAYER IS SHARP (Ø AND COLOUR). THE DOWNER BOUNDARY IS A GRAINSIZE GRADED INTERFINGERED BOUNDARY (44-46 CM). AFTER THAT (46-49) APPEARS A SANDY SILT LAYER WITH A DOWNER CONTACT ALSO WITH A INTERFINGERED CONTACT BETWEEN V.F SAND LAYERS AND SANDY SILT LAYERS →

CORE LOG Core No. RR0705-55PC Section No. 1 OF 2 sheet 2 of 6

Date 26/05/07 Described by ZORAIDA Archive/Working



THE VERY FINE SAND LAYER HAS A VERY DARK GRAY COLOUR A SHARP AND IRREGULAR INFERIOR BOUNDARY AND PRESENCE OF SILTY BALLS (57-59) OR LAYER RELICTS?

60-62 CM: BROWNISH OXIDATION SPOT BEHIND A INTERFINGERED ZONE (V.F SAND/SILT LAYERS)

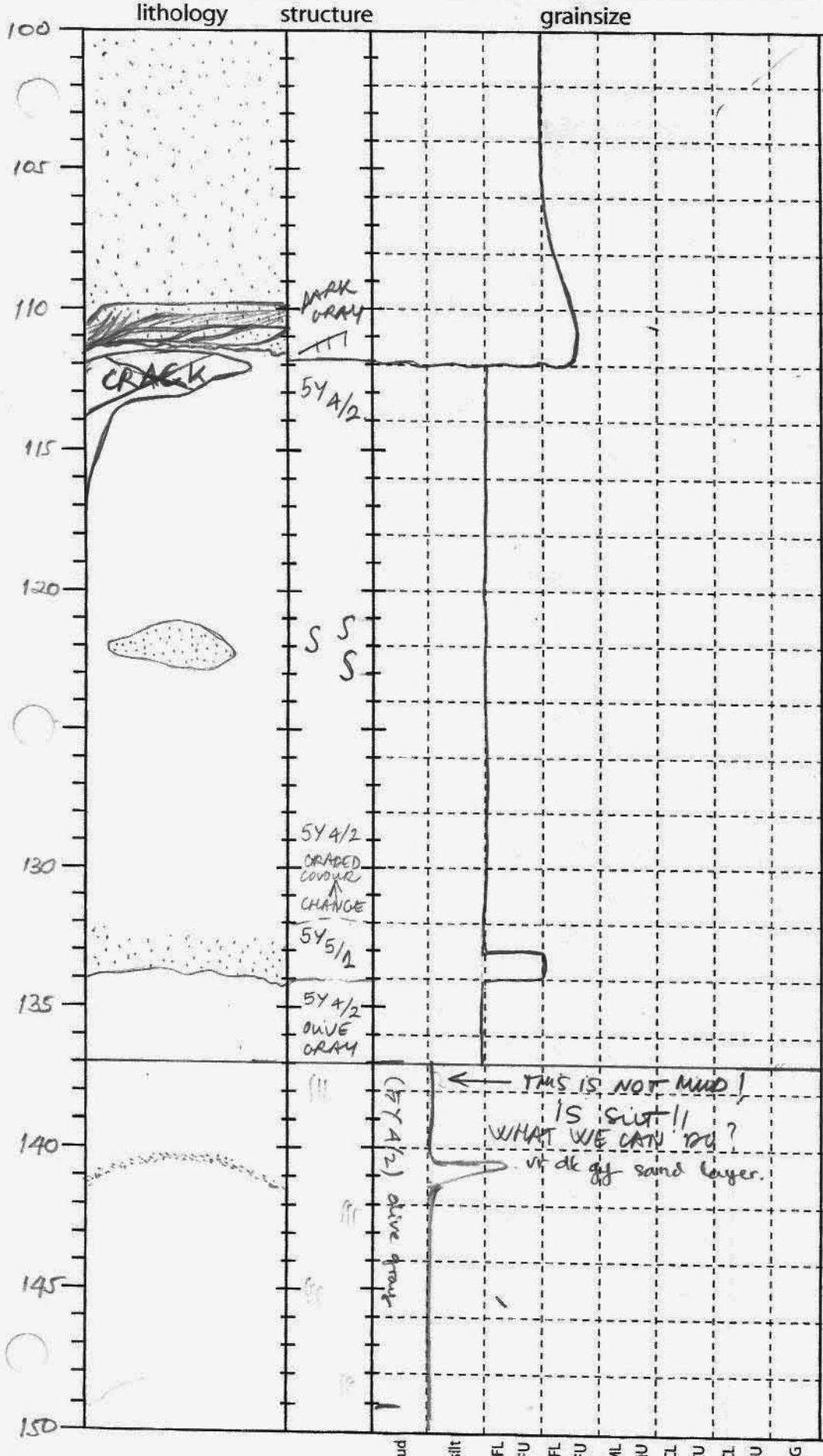
62-88/5 M: OLIVE DARK GRAY SILT LAYER WITH THINS V. FINE SAND LAYERS (66-69/73/78/80). DARK BROWNISH OXIDATION FRONT (66-67/5). GRAY DROPPED COLOURED ZONE. BIOTURBATION (70-72). AND BROWNISH OXIDATION LAYER IN THE BASAL COLOUR BOUNDARY, (88/5)

88/5-112 CM: SEQUENCE (FROM TOP TO BOTTOM). SILT LAYER (88/5-94) WITH A NITID SUPERIOR COLOUR BOUNDARY AND A GRAINSIZE GRADED BASE (94 MORE OR LESS) THAT MARKS THE TRANSITION BETWEEN A SANDY SILT LAYER (DOWN) AND SILT LAYER (UP).

TO BE CONTINUED ... →

CORE LOG Core No. RR0705 - 55 PC Section No. 2 of 2 sheet 3 of 6

Date 26/05/07 Described by SAPTA/ZORAIDA. Archive/Working



BELOW THE SANDY SILT LAYERS APPEARS A V.FINE SAND LAYER WITH A GRAINSIZE GRADED BOUNDARY BETWEEN BOTH. THE V.F SAND LAYER (100-112), HAVE CROSS BEDDING LAMINATION IN THE BOTTOM AND A SHARP IRREGULAR BASAL BOUNDARY. WHERE IS A SHARP COLOUR CHANGE AND A CHANGE IN THE GRAINSIZE OF THE LAYER BELOW.

111/5 - 137 cm: SILT LAYER WITH BIOTURBATION (121-122/5) VISIBLE IN A V.FINE SAND BALL OF LIGHT GRAY COLOUR AND A V.FINE SAND LAYER (134) WITH A LIGHT GRAY COLOURATION (MAYBE ALSO BIOTURBATION)

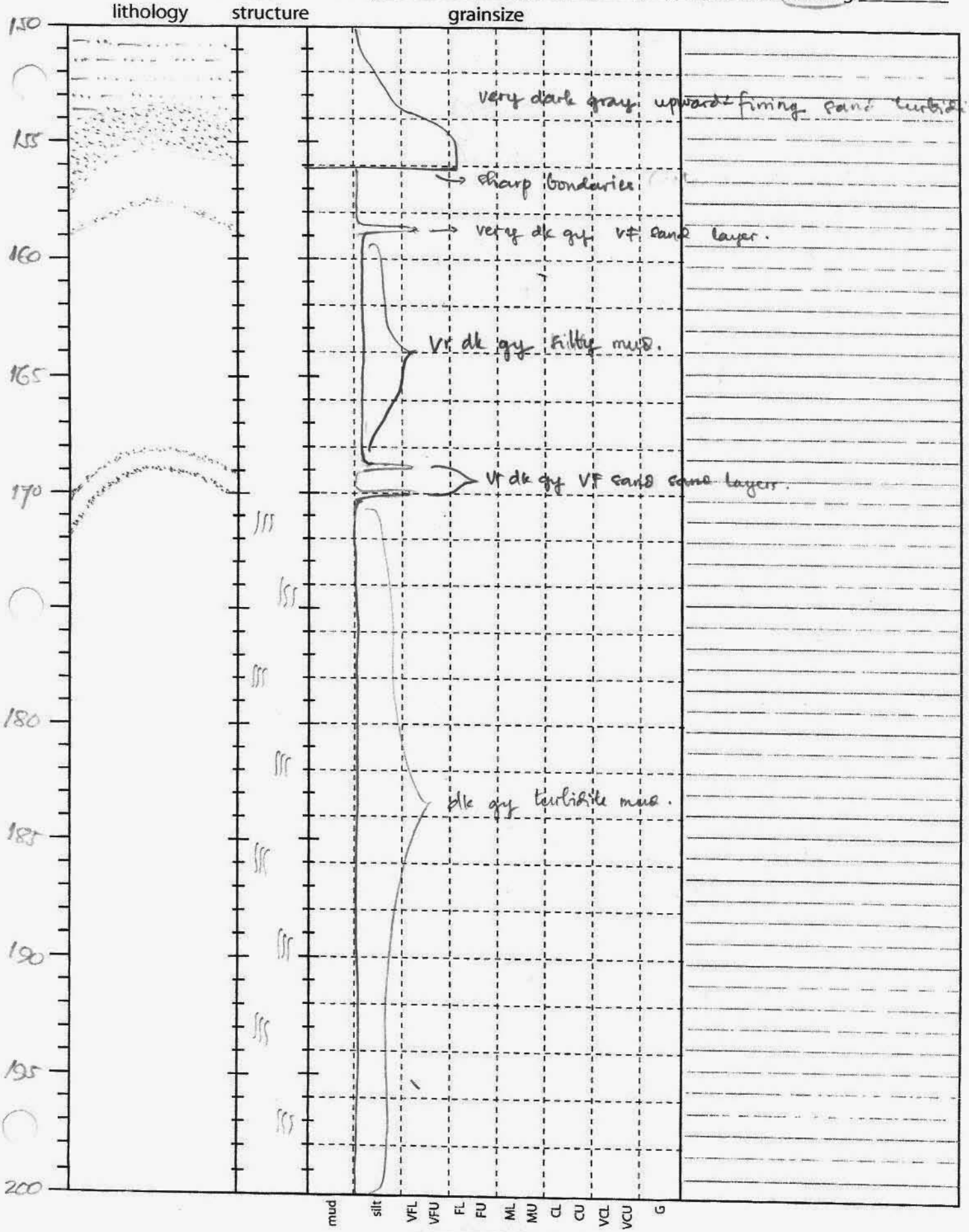
137-149: olive gray mud, w/ slightly brownish oxidation front

SECTION 1 (0-137 cm)

SECTION 2 (137 - 260 cm.)

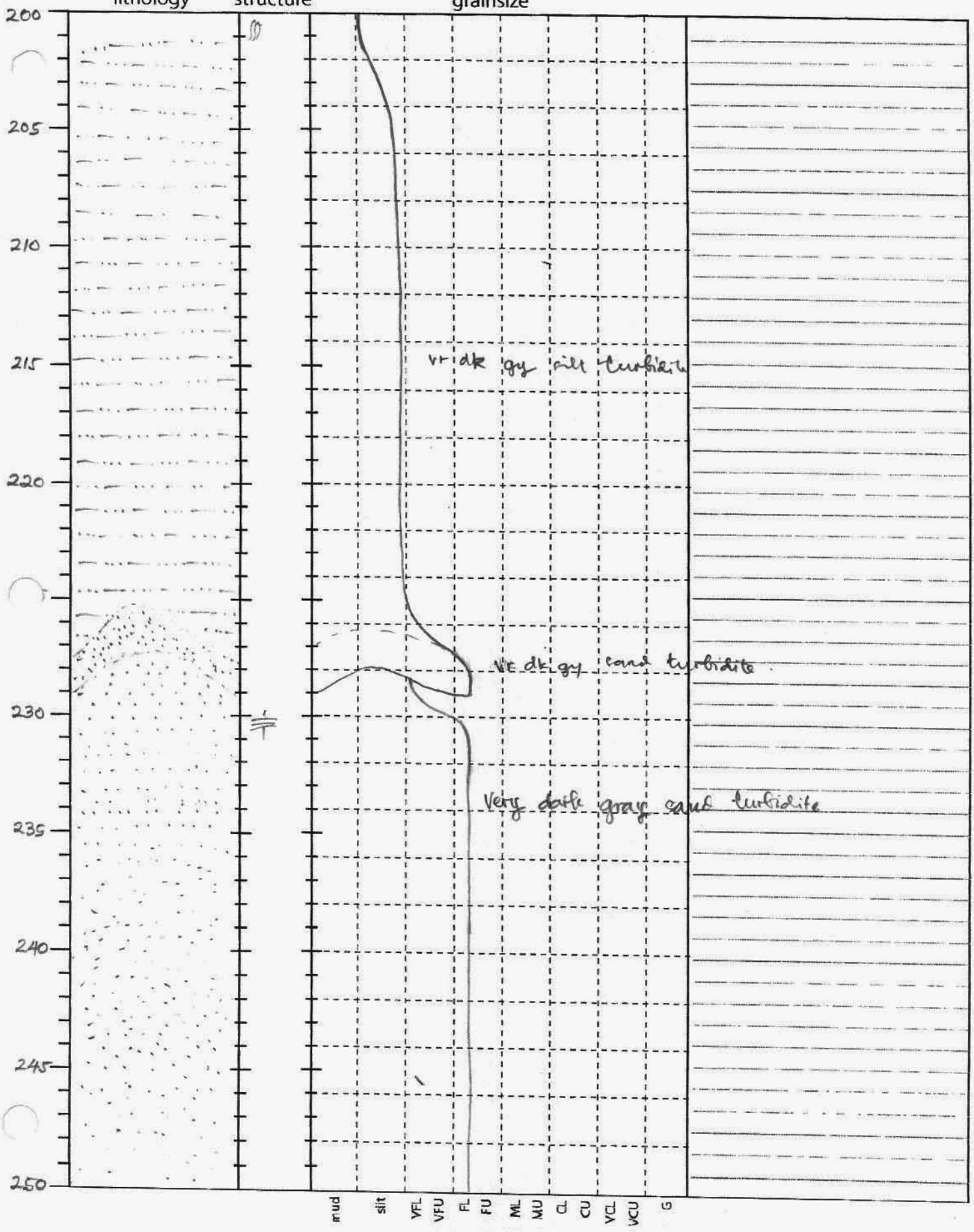
CORE LOG Core No. RR0705 - 55 PC Section No. 2 of 2 sheet 4 of 6

Date 26 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 55 PC Section No. 2 of 2 sheet 5 of 6

Date 26 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 55 PC Section No. 2 of 2 sheet 6 of 6

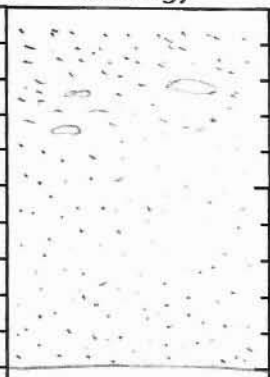
Date 26 / 05 / 07 Described by SAPTA. Archive/Working

lithology structure grainsize

250

255

260



252 : mud chip in sand

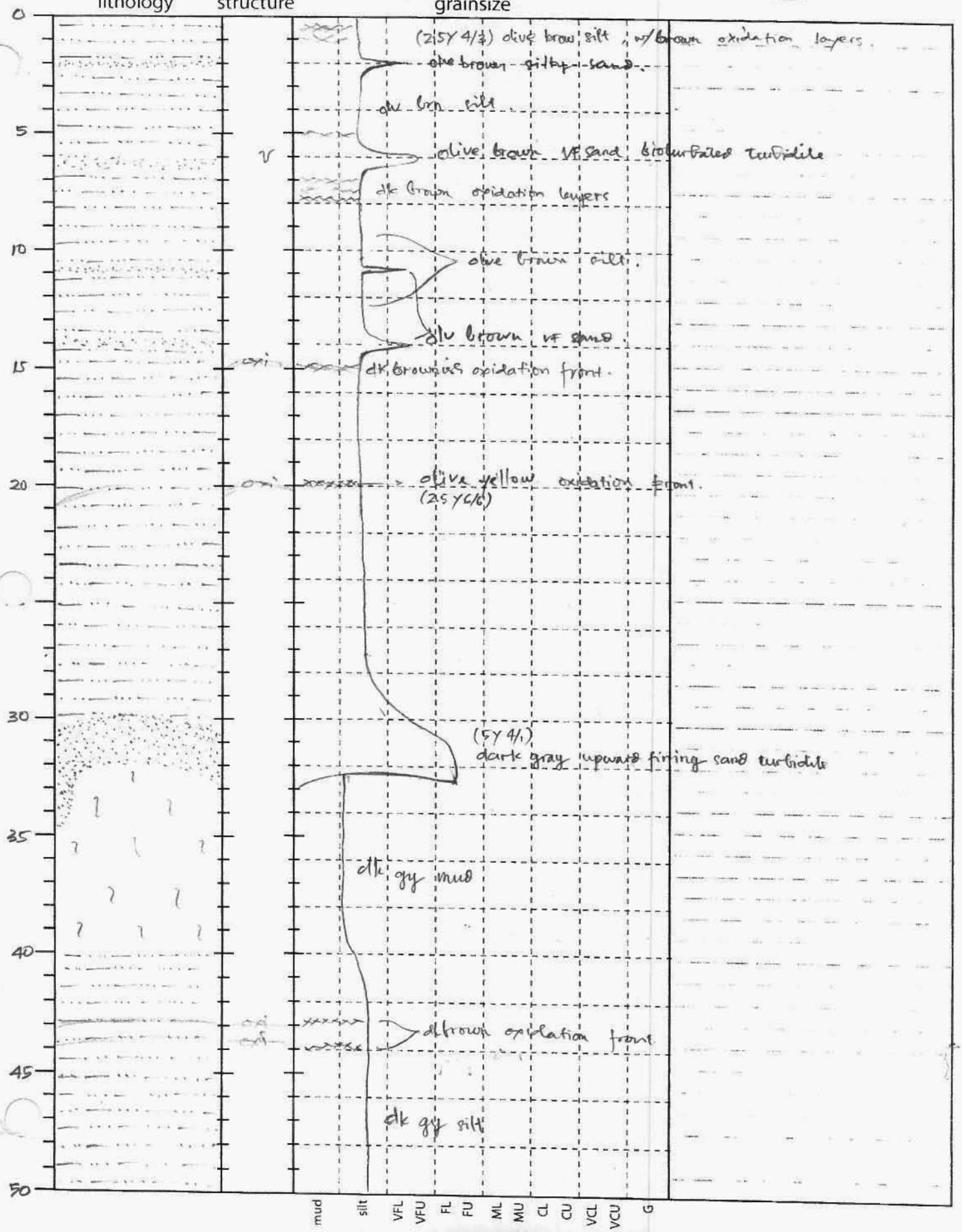
Very dark gray sand turbidite.

END OF CORE RR0705 - 55 PC

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

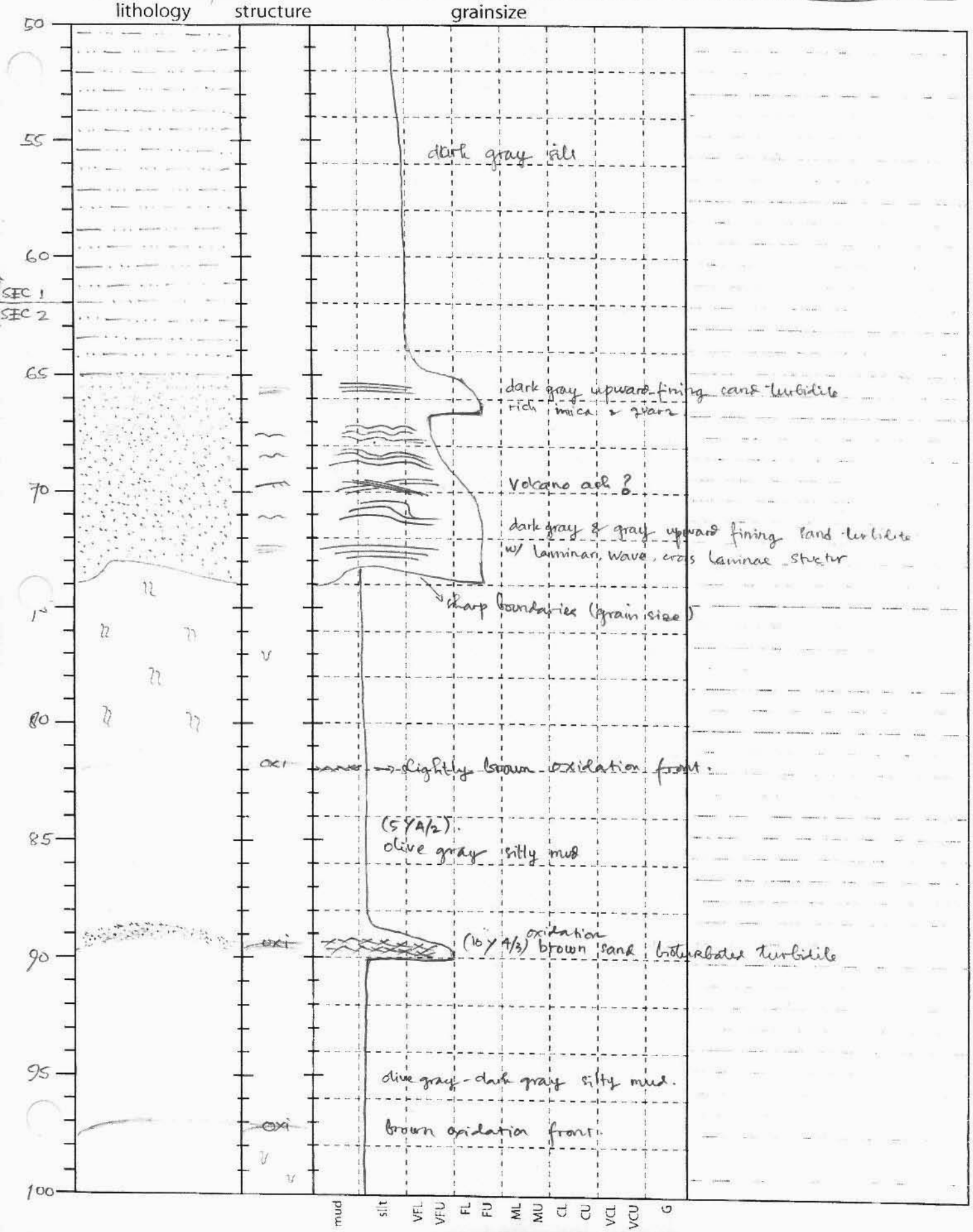
CORE LOG Core No. RR0705 - 57 PC Section No. 1 of 4 sheet 1 of 10

Date 27/05/07 Described by SAPTA Archive/Working



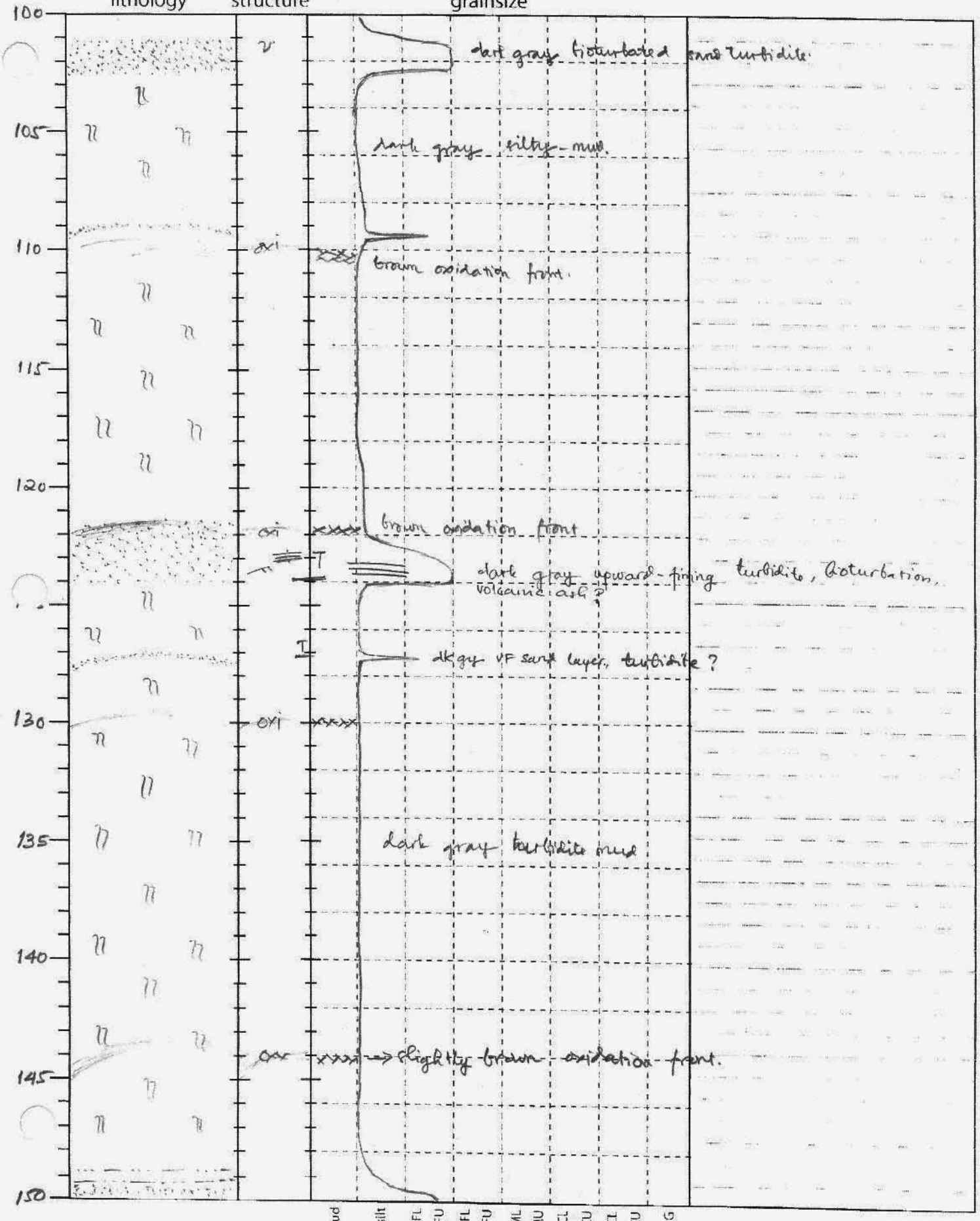
CORE LOG Core No. RR0705 - 57 PC Section No. 1 & 2 of 4 sheet 2 of 10

Date 27 / 05 / 07 Described by SAPTA Archive/Working



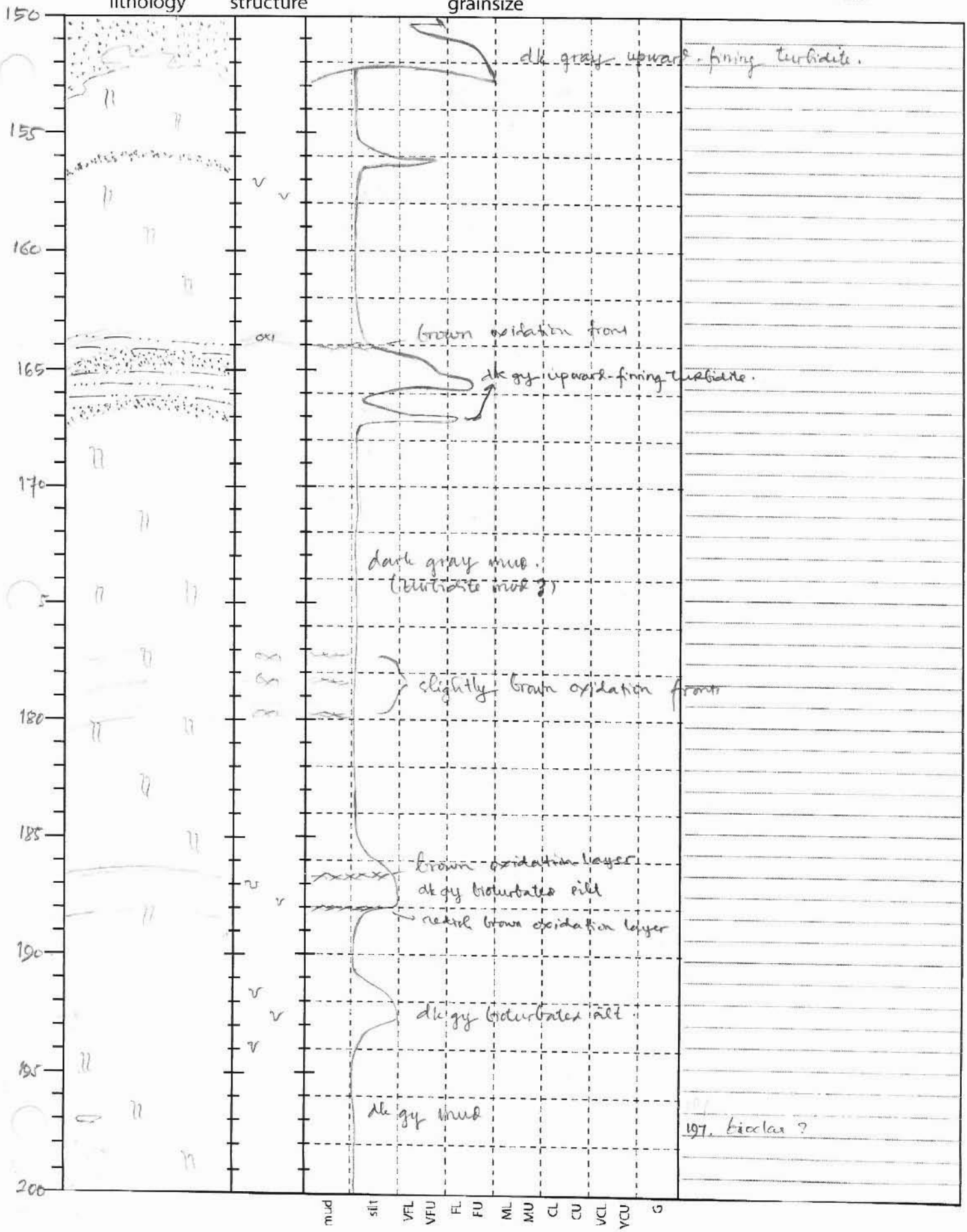
CORE LOG Core No. RR0705 - 57 PC Section No. 2 of 4 sheet 3 of 10

Date 27 / 05 / 07 Described by SAPTA Archive/Working



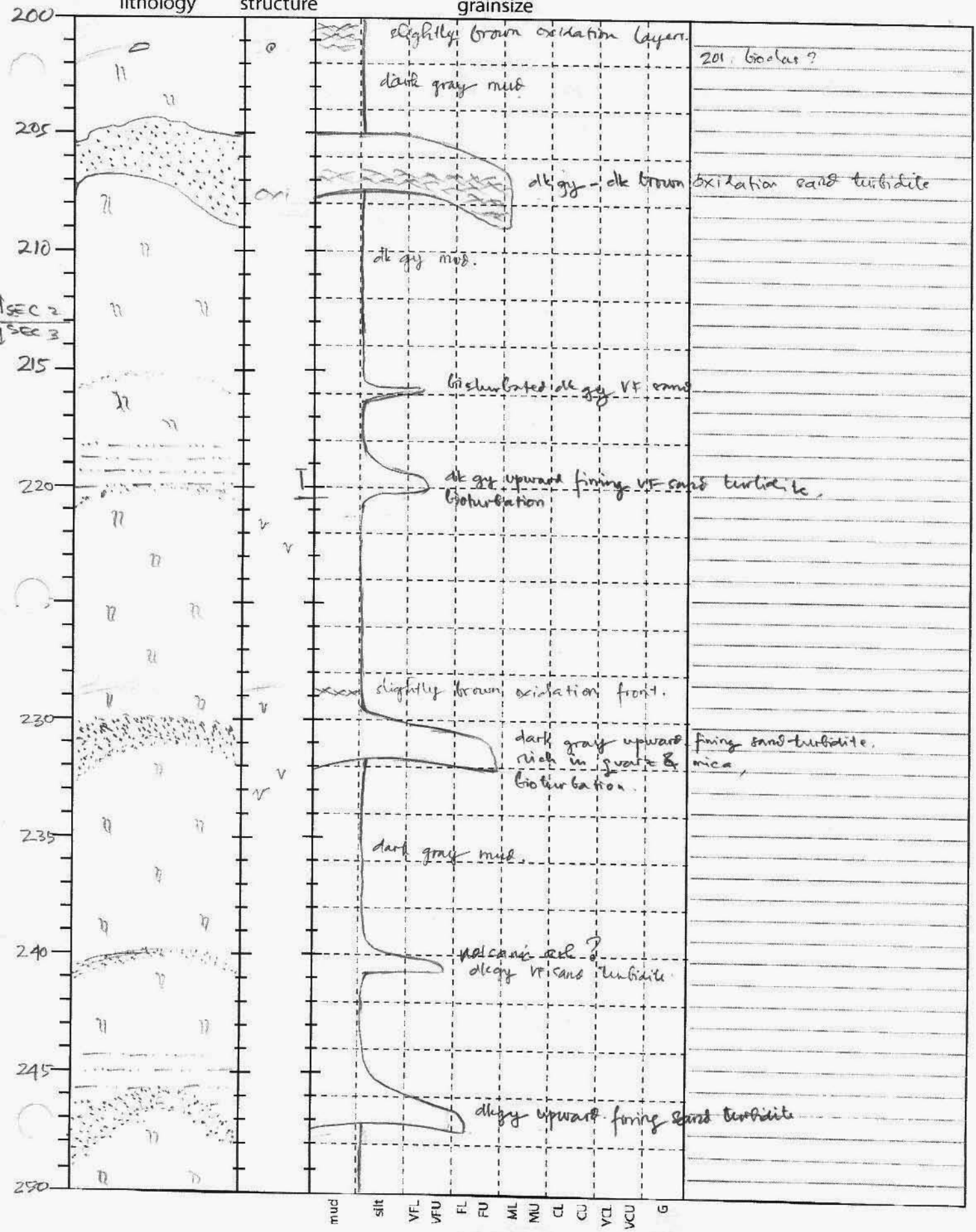
CORE LOG Core No. RR 0705 - 57 PC Section No. 2 of 4 sheet 4 of 10

Date 27/05/07 Described by SAPTA Archive/Working



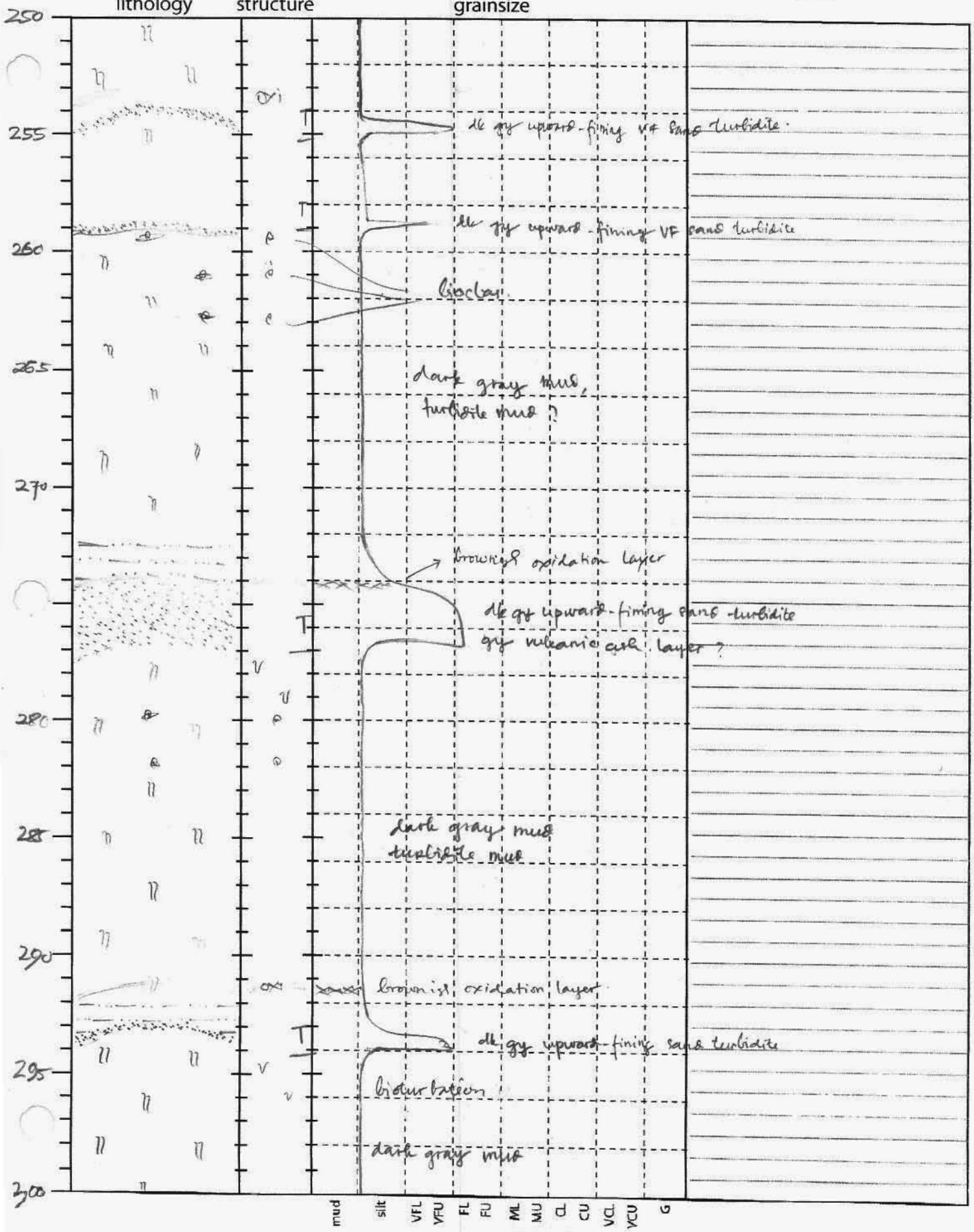
CORE LOG Core No. RR0705 - 57PC Section No. 2&3 of 4 sheet 5 of 10

Date 27/05/07 Described by SADTA Archive/Working



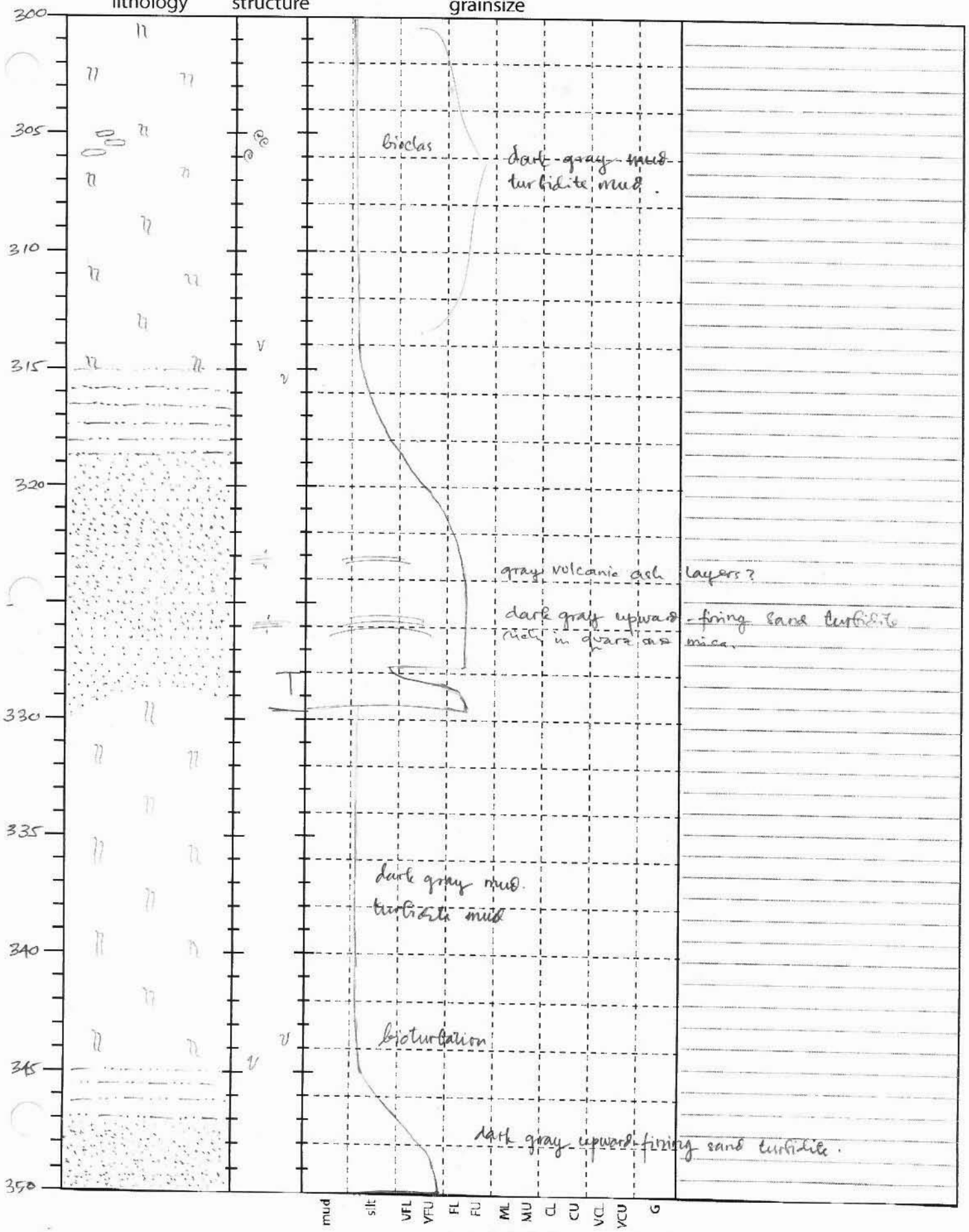
CORE LOG Core No. RR0705 - 57 PC Section No. 3 of 4 sheet 6 of 10

Date 27 / 05 / 07 Described by SAPTA Archive/Working



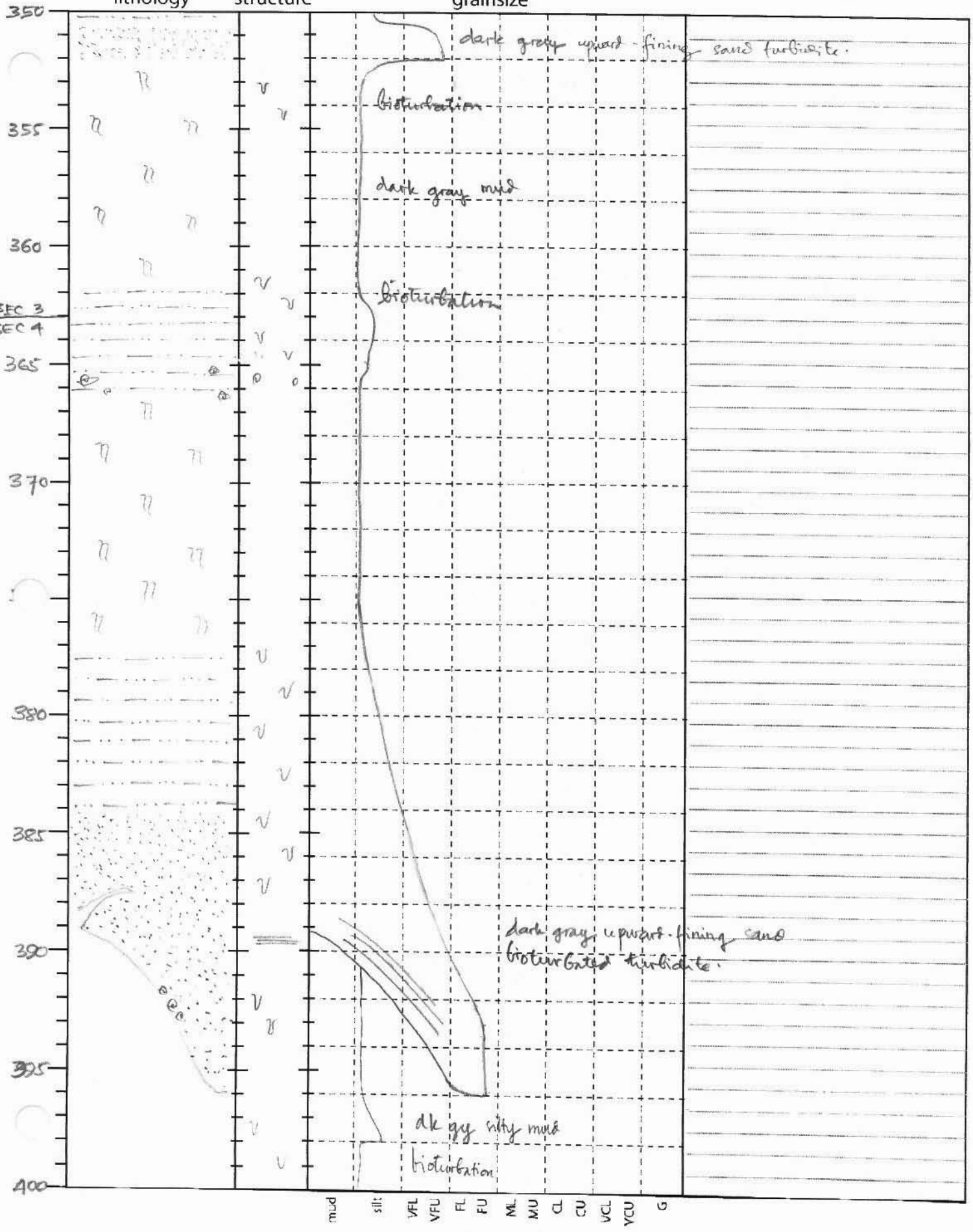
CORE LOG Core No. RR0705 - 57 PC Section No. 3 & 4 sheet 7 of 10

Date 27/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR 0705 - 57 PC Section No. 3 & 4 of 4 sheet 8 of 10

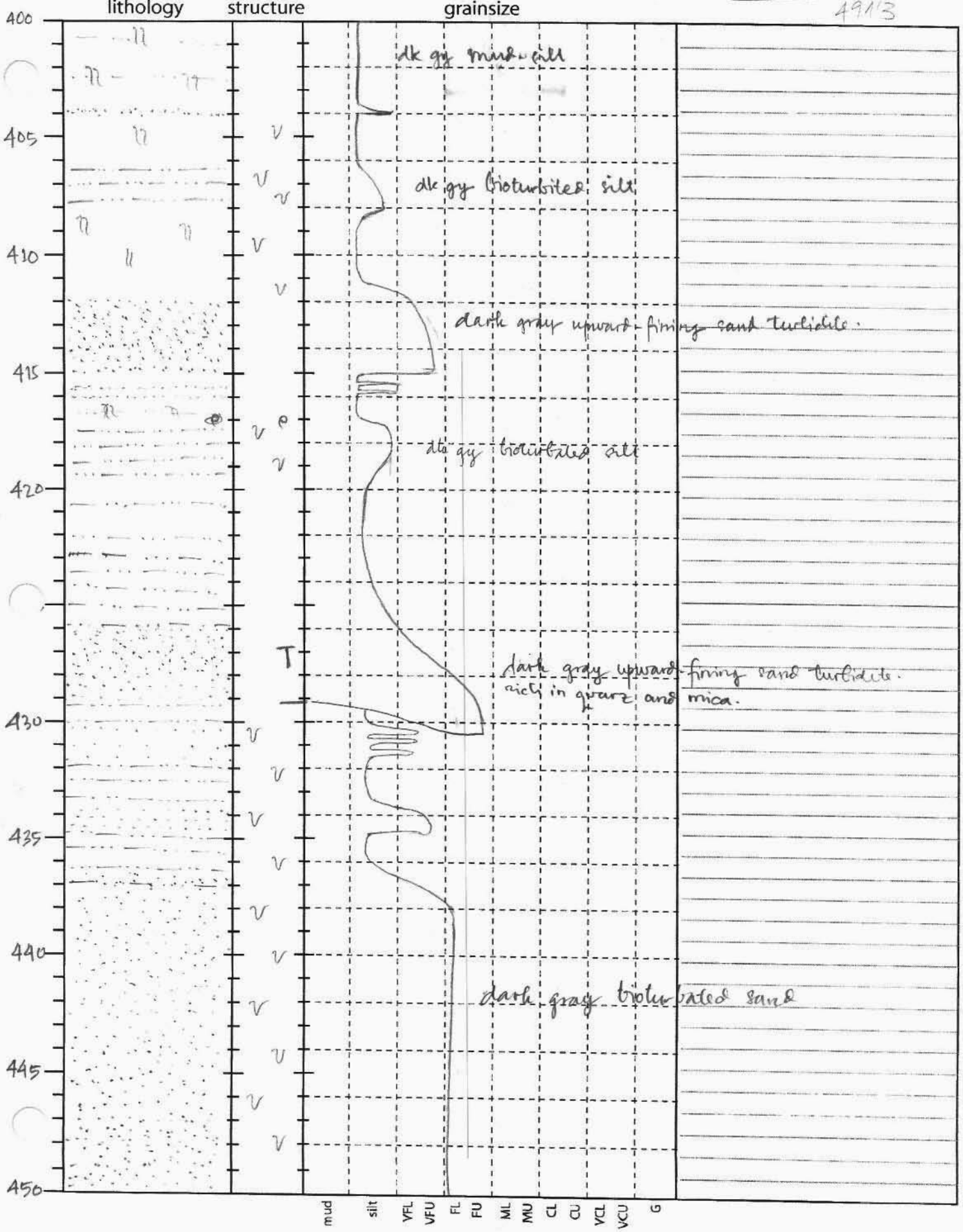
Date 27 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 57 PC Section No. 4 of 4 sheet 9 of 10

Date 27 / 05 / 07 Described by SAPTA Archive/Working

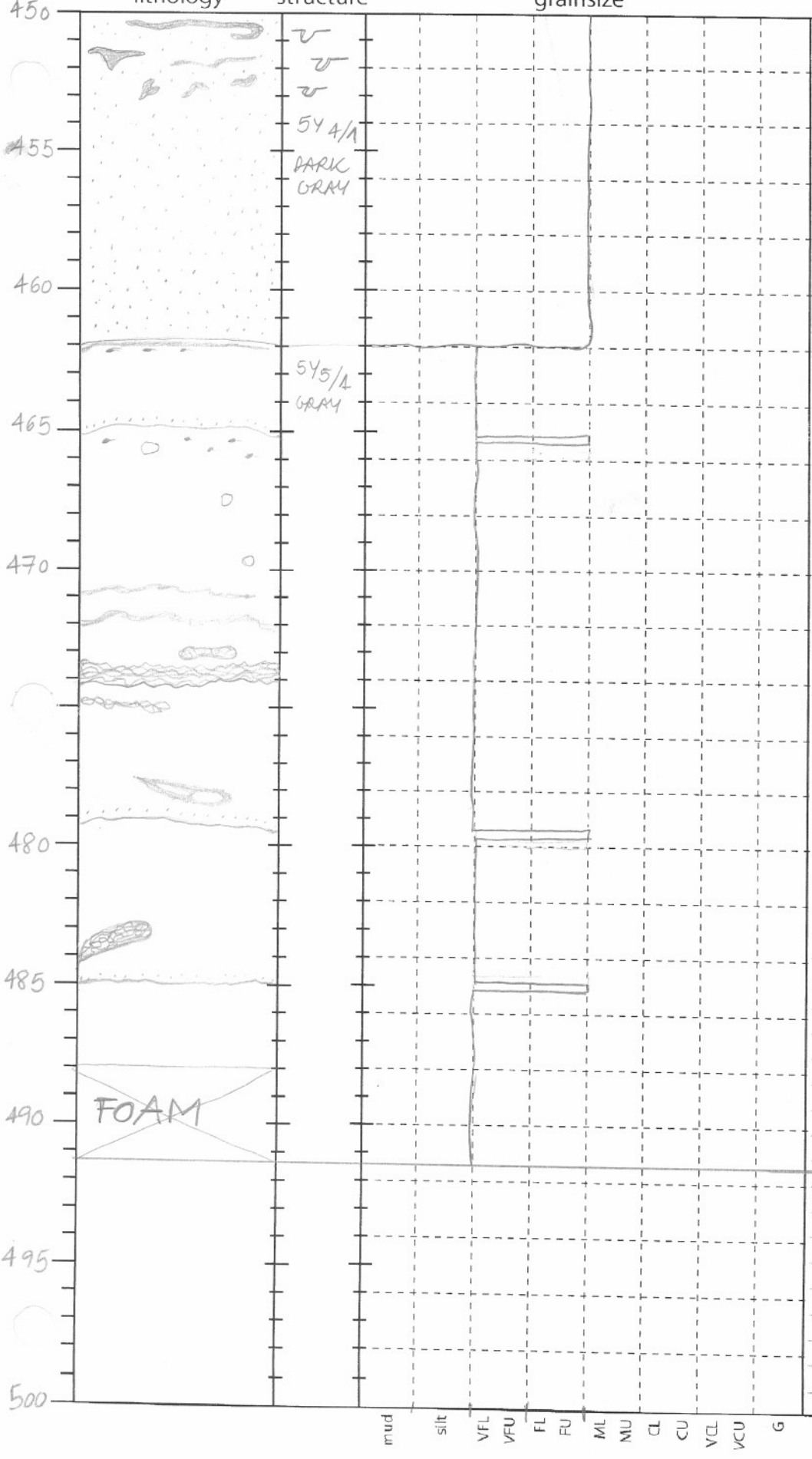
4913



CORE LOG Core No. RR0705-57PC Section No. 4 OF 4 sheet 10 of 10

Date 27/05/07 Described by ZORAIDA Archive/Working

491/3



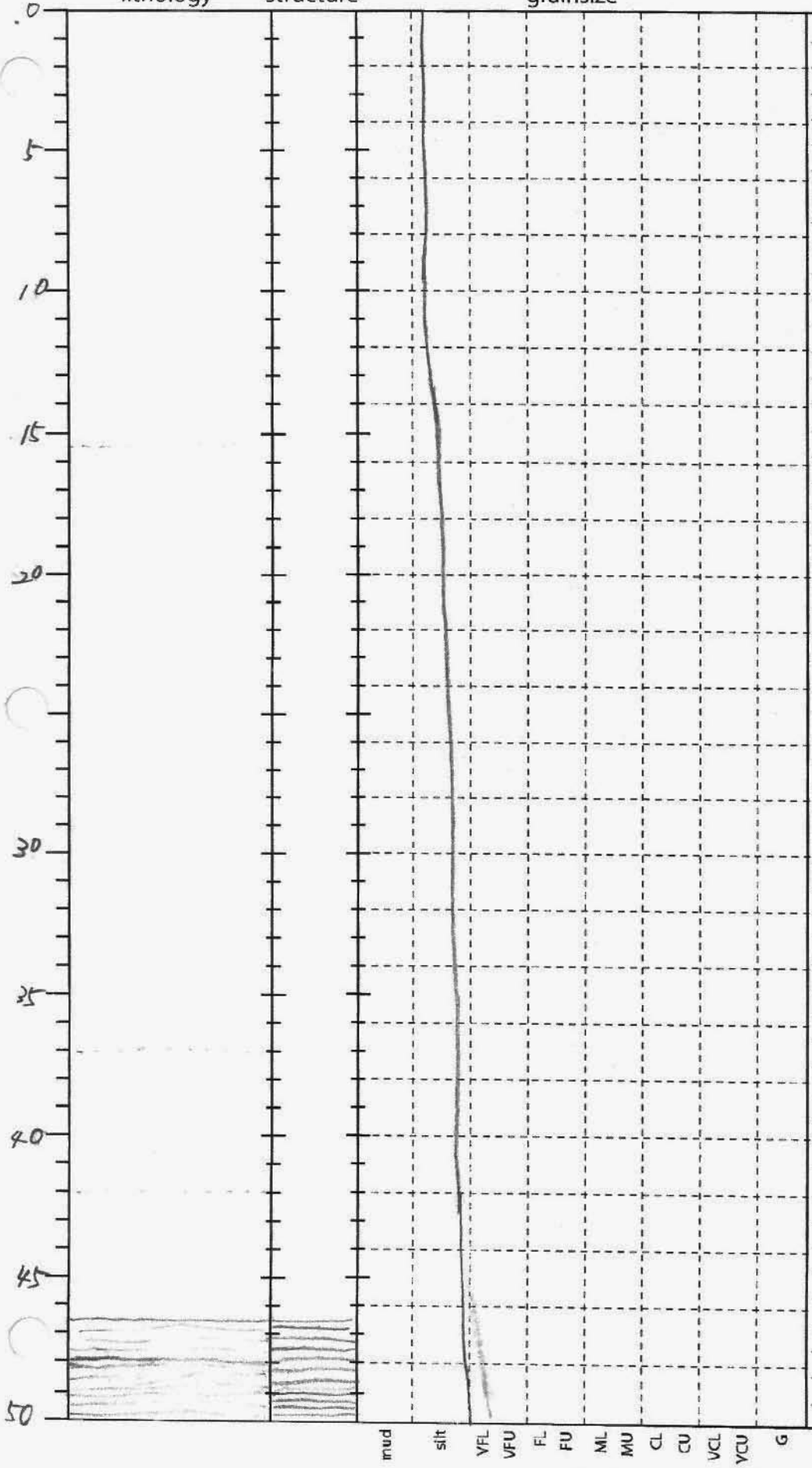
450 - 460 CM: FINE SAND LAYER SHARP AND PLANE LOWER BOUNDARY. INTO THIS LAYER FROM 450 TO 453 APPEAR ROUNDED ELONGATED SHAPES OF SILT GRAINSIZE WITH A GRAY COLOURATION.

462 - 488 CM: SILT LAYER WITH A SHARP UPPER BOUNDARY. BROWNISH OXIDATION? LAYERING (462/2). AND 3 IRREGULARS FINE SAND LAYERS WITH UNCONSTANT THICKS. (465/479/2/485 CM.) BLACK SPOTS. AND THERE ARE A DARK GRAY LAYERS WITH GRAY SPOTS INTO THIS LAYERS (471/472 WITHOUT SPOTS) AND (473/474/475/478/483-484) AND PRESENCE OF WITNISH SOFT SHAPES (465-475).

END OF THE CORE 491/3.

CORE LOG Core No. RR0705-58GC Section No. 1 sheet 1 of 3

Date 27/05/2007 Described by Ken Archive/Working



Top: GLEY1 4/10Y silt

0-50cm: upward fining c. silt-silt (GLEY1 4/10Y) lower part sandy, black plant debris?

loose

upper half (~25cm) disturbed during core splitting

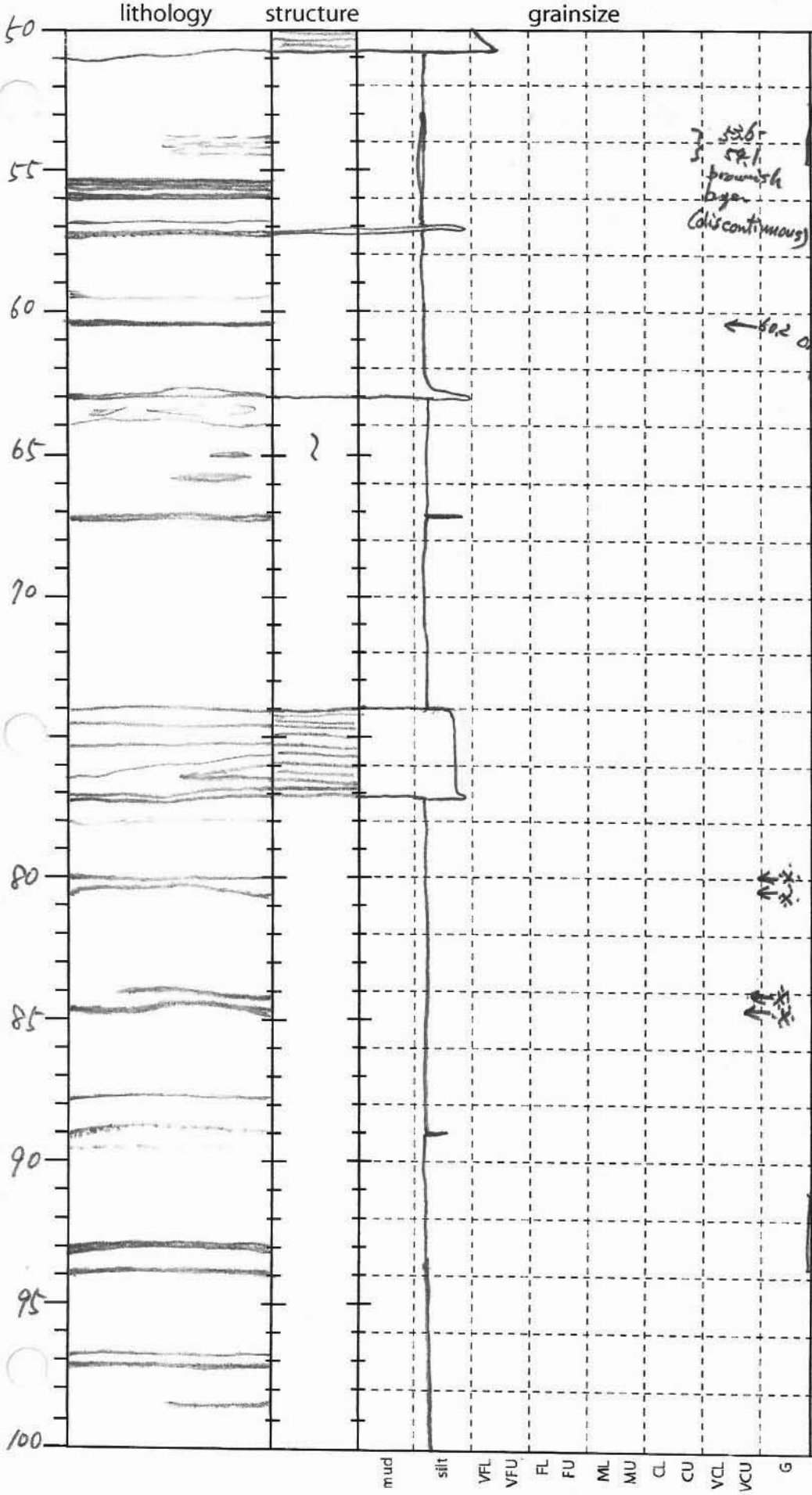
below ~38cm sandy color become darker

46.5-50cm parallel laminated

49.5cm sharp slide

CORE LOG Core No. RR0705-58GC Section No. 1 sheet 2 of 3

Date 27/05/2007 Described by Ken Archive/Working



50-51cm: GLEY1 ~~4/10Y~~ v.f.s parallel laminated sharp erosional base

51-57cm: 5Y4/1 silt with brownish oxidized layers

55.4-56: brownish oxidized layers

57-58cm: GLEY1 5/10Y silt with a c.silt layer

57.1-57.2: GLEY1 5/10Y c.silt layer

58-60.5cm: 5Y5/2 silt with brownish oxidized layers

60.5-63cm: GLEY1 5/10Y silt with a c.silt layer at base

62.8-63: c. silt layer

63-74cm: GLEY1 4/10Y silt greenish

63-66cm bioturbated?

67.1-67.2cm: GLEY1 5/10Y ash c.silt sized ← smear slide

74-77cm: GLEY1 5/10Y & 4/10Y ash c.silt sized

74-76.8cm: laminated

74.5cm ← smear slide

76.8-77cm: 2.5Y4/1 ash ← smear slide

77-78cm: GLEY1 4/10Y silt

78-87.9cm: 5Y4/1 silt with brownish oxidized layers

*: oxidized layer: 80-80.1, 80.5-80.6, 84-84.2, 84.5-84.8

87.9-89.6cm: GLEY1 4/10Y silt with a c.silt layer

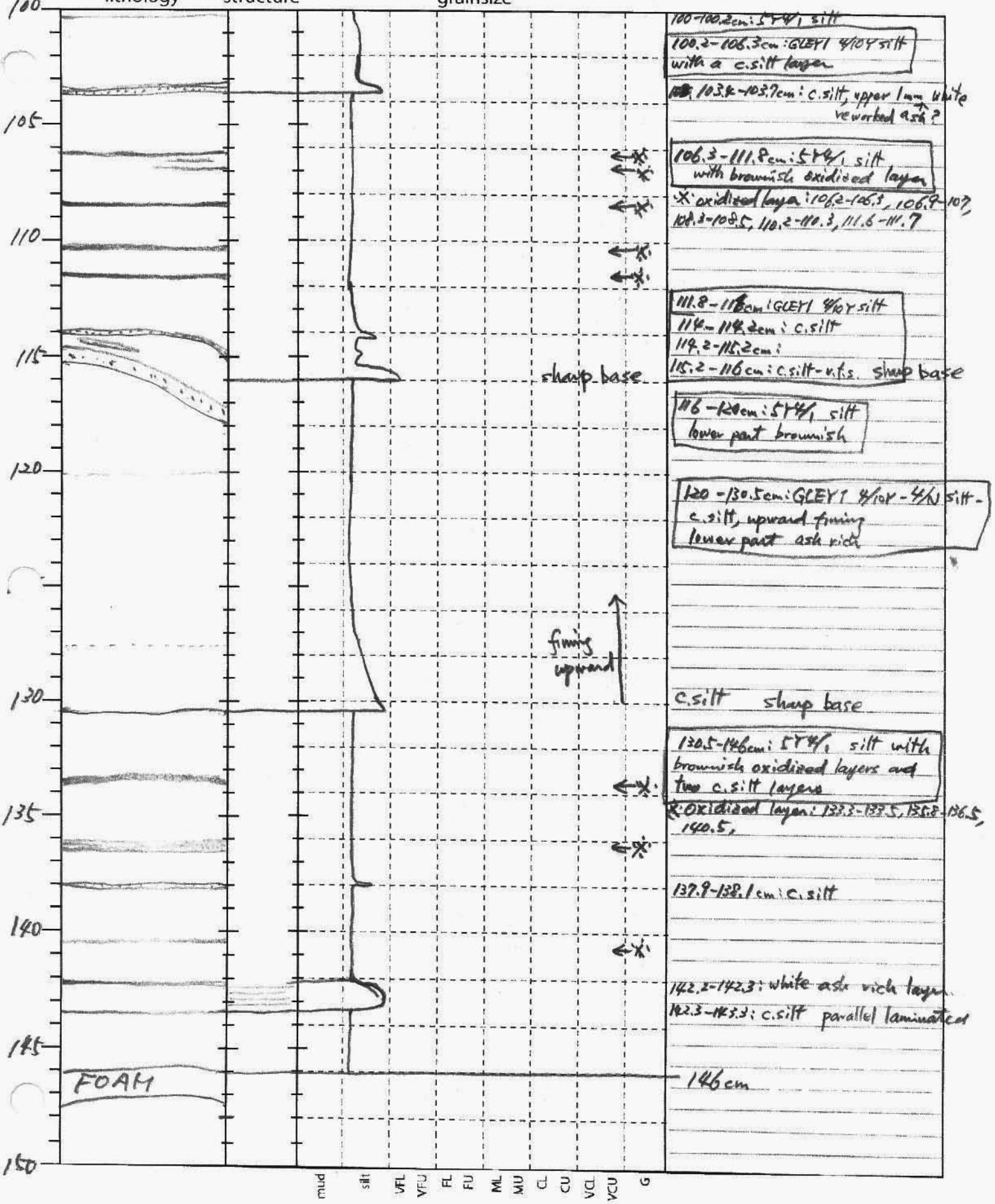
89-89.1: m-c.silt layer

89.6-100cm: 5Y4/1 silt with brownish oxidized layers

*: oxidized layer: 89-93.2, 93.9-94, 96.7-96.8, 97.1-97.2, 98.5-98.6

CORE LOG Core No. RR0705-58GC Section No. 1 sheet 3 of 3

Date 27/05/2007 Described by Ken Archive/Working



100-100.2cm: 5Y4/1 silt

100.2-106.3cm: GLEY1 4/10Y silt with a c.silt layer

103.2-103.7cm: c.silt, upper 1mm white reworked ash?

106.3-111.8cm: 5Y4/1 silt with brownish oxidized layer

*oxidized layer: 106.2-106.3, 106.9-107, 108.3-108.5, 110.2-110.3, 111.6-111.7

111.8-114cm: GLEY1 4/10Y silt

114-114.2cm: c.silt

114.2-115.2cm:

115.2-116cm: c.silt-v.f.s. sharp base

116-120cm: 5Y4/1 silt lower part brownish

120-130.5cm: GLEY1 4/10Y-4/N silt-c.silt, upward fining lower part ash rich

c.silt sharp base

130.5-146cm: 5Y4/1 silt with brownish oxidized layers and two c.silt layers

*Oxidized layer: 133.3-133.5, 135.8-136.5, 140.5,

137.9-138.1cm: c.silt

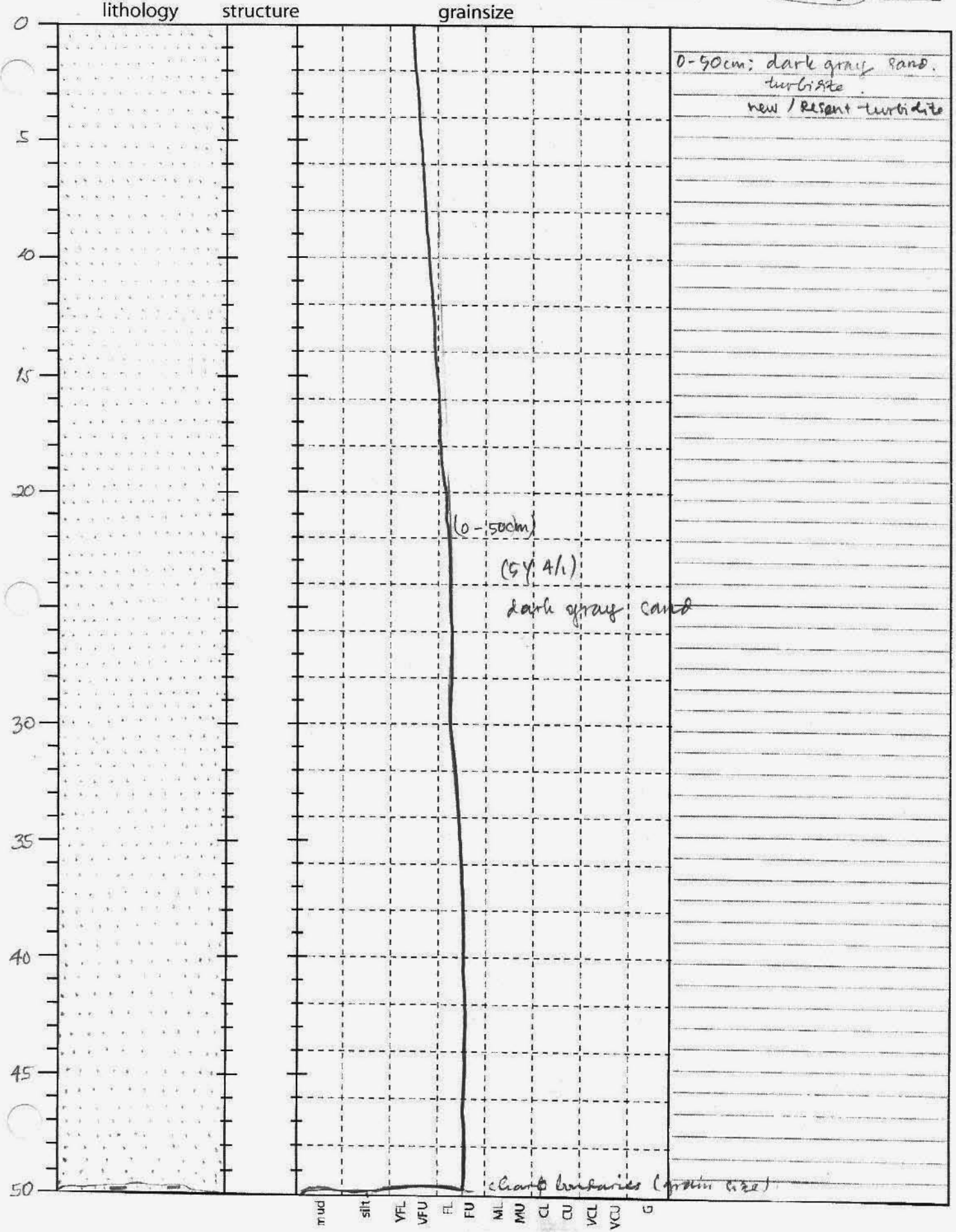
142.2-142.3: white ash rich layer

142.3-145.3: c.silt parallel laminated

146cm

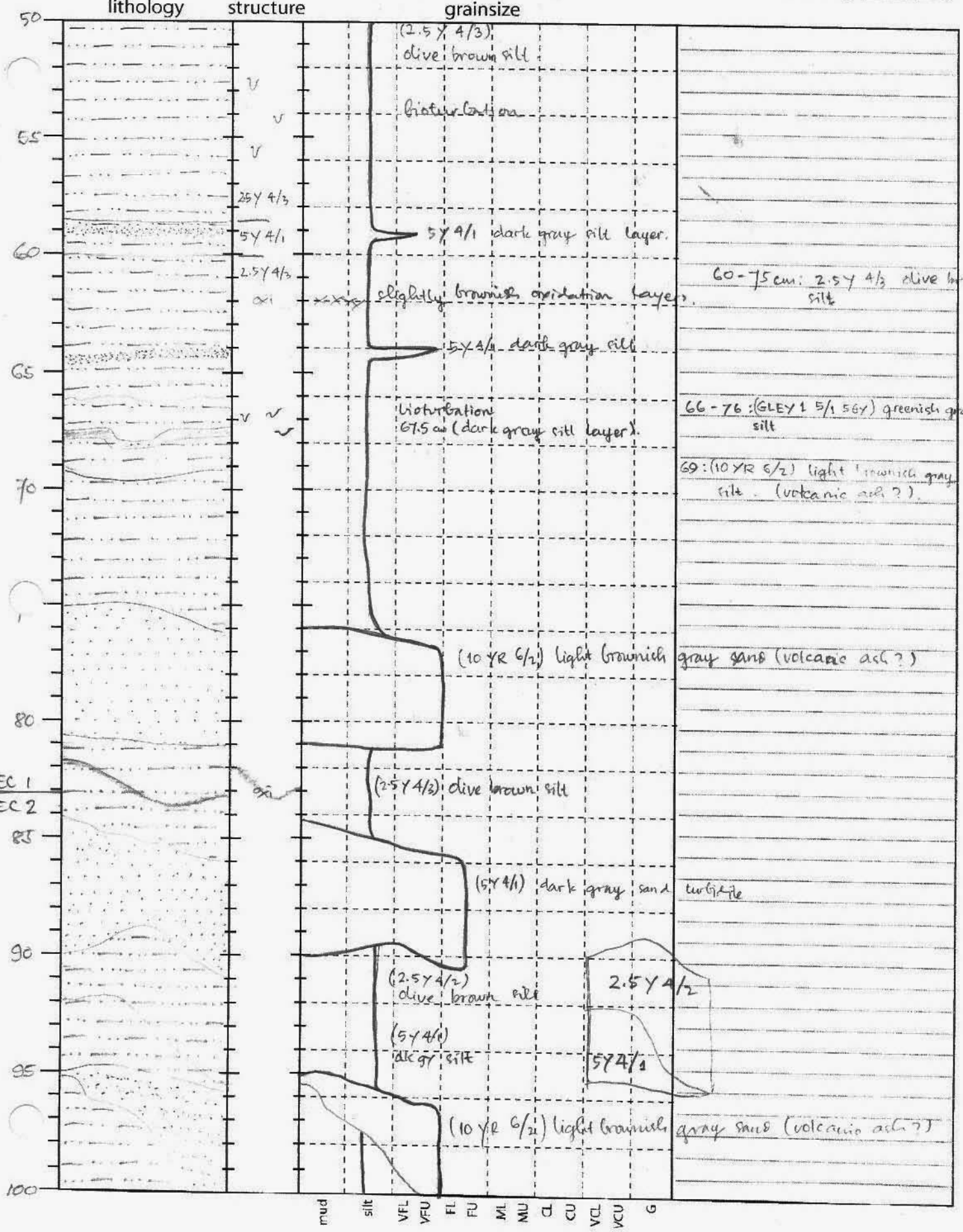
CORE LOG Core No. RR0705 - 59 TC Section No. 1 of 2 sheet 1 of 4

Date 28/05/07 Described by SAPTA Archive/Working



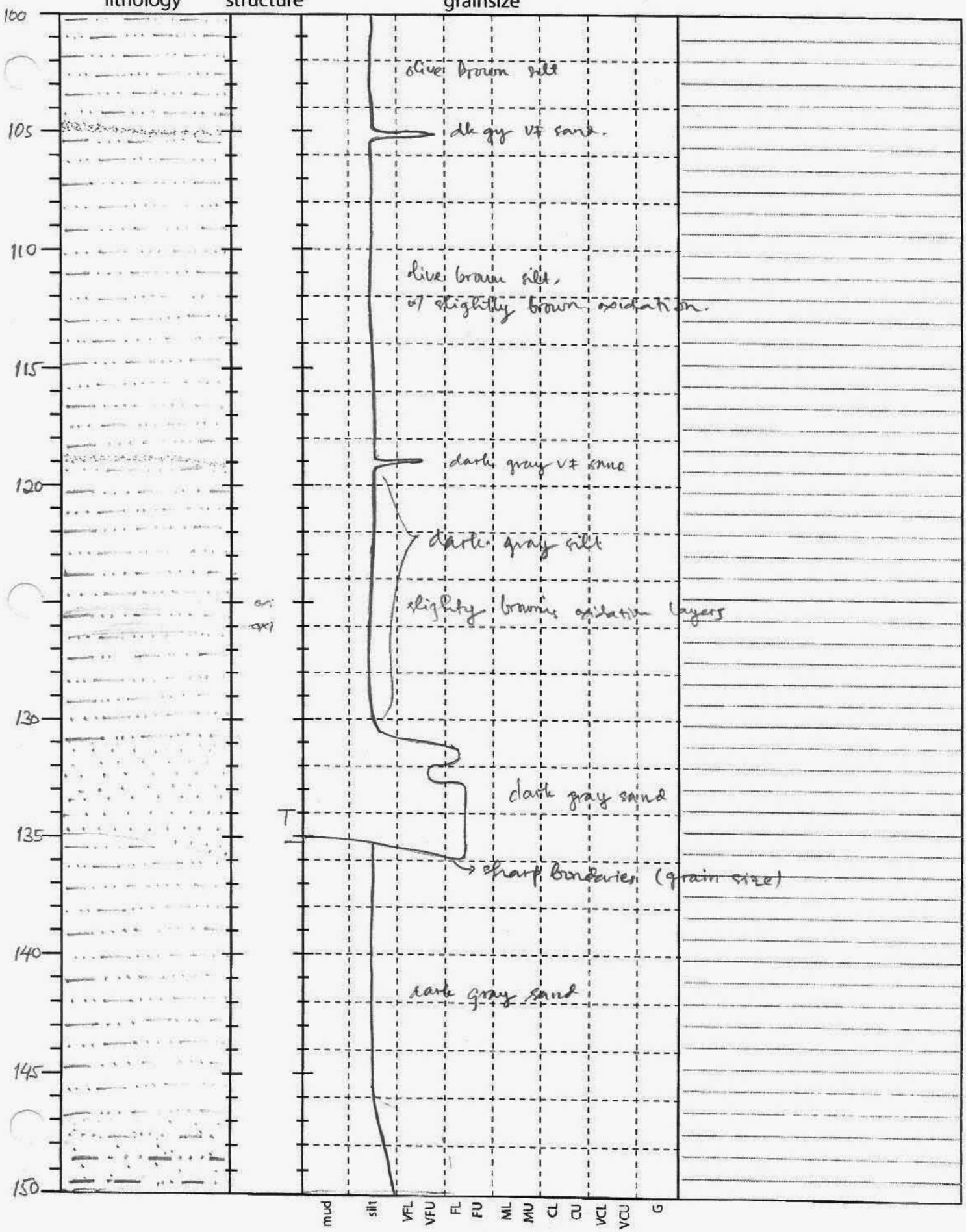
CORE LOG Core No. RR0705 - 59 TC Section No. 1&2 of 2 sheet 2 of 4

Date 28/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 59 TC Section No. 2 of 2 sheet 3 of 4

Date 28 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 59 TC Section No. 2 of 2 sheet 4 of 4

Date 28 / 05 / 07 Described by SAPTA Archive/Working

lithology structure grainsize

150
155
160
165
170
175
180
185
190
195
200

dark gray sand

sharp boundaries (grain size)

dark gray silt

Grayish oxidation layer

dk gy silt.

dark gray sand

slightly brownish oxidation layer

171.5 - 193.5: (5Y 4/1) dark gray silt.

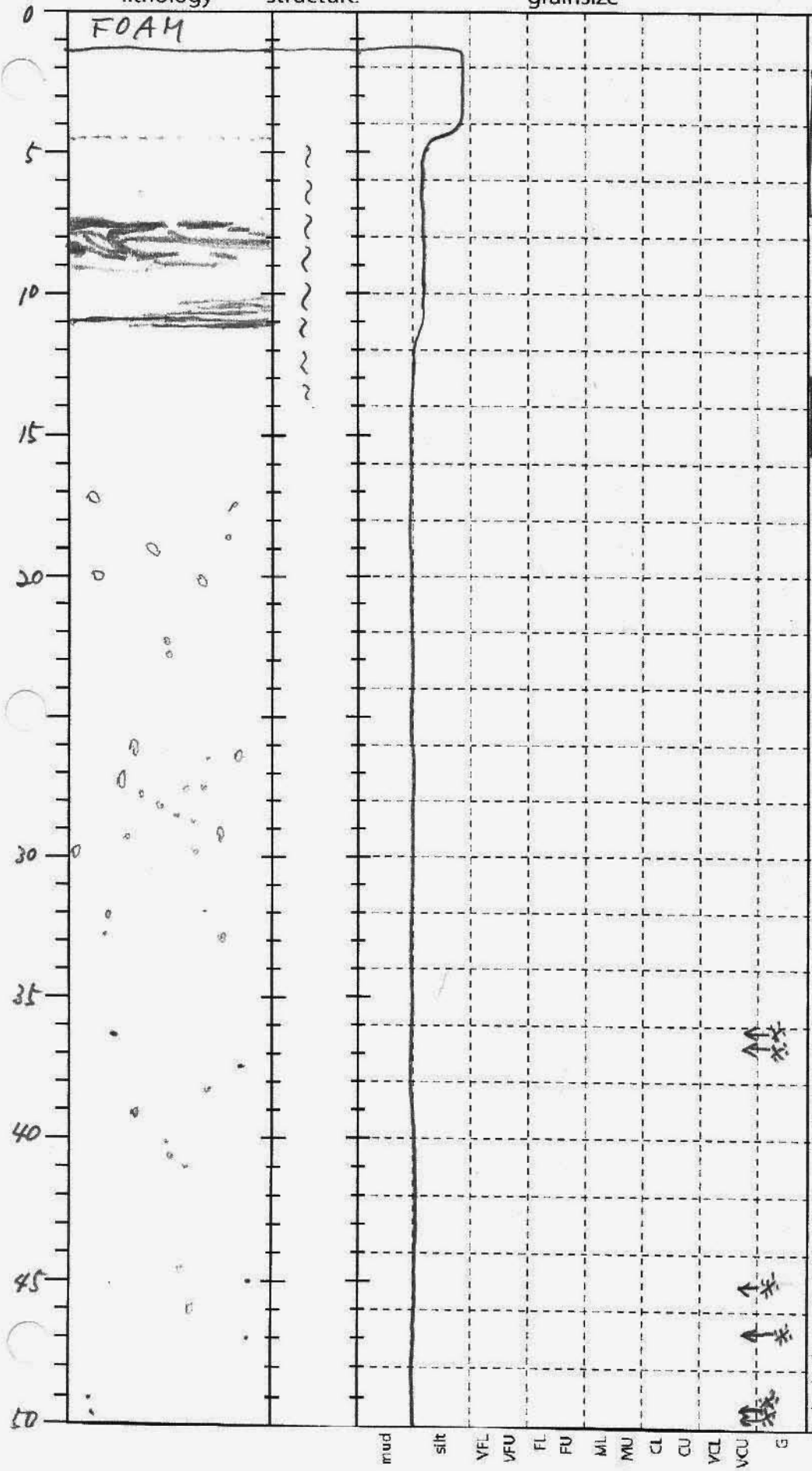
dark gray silt

END OF CORE RR0705-59 TC

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705 - 60GC Section No. 1 sheet 1 of 2

Date 28/05/2007 Described by Ken Archive/Working



TOP: 10YR4/2 c.silt-sized ash

1.5-4.5cm: 10YR4/2 ash c.silt-sized lower boundary indistinct

4.5-11cm: 2.5Y4/2-4/1 silt with brownish oxidized layers bioturbated

7-9.2cm: brownish oxidized part bioturbated

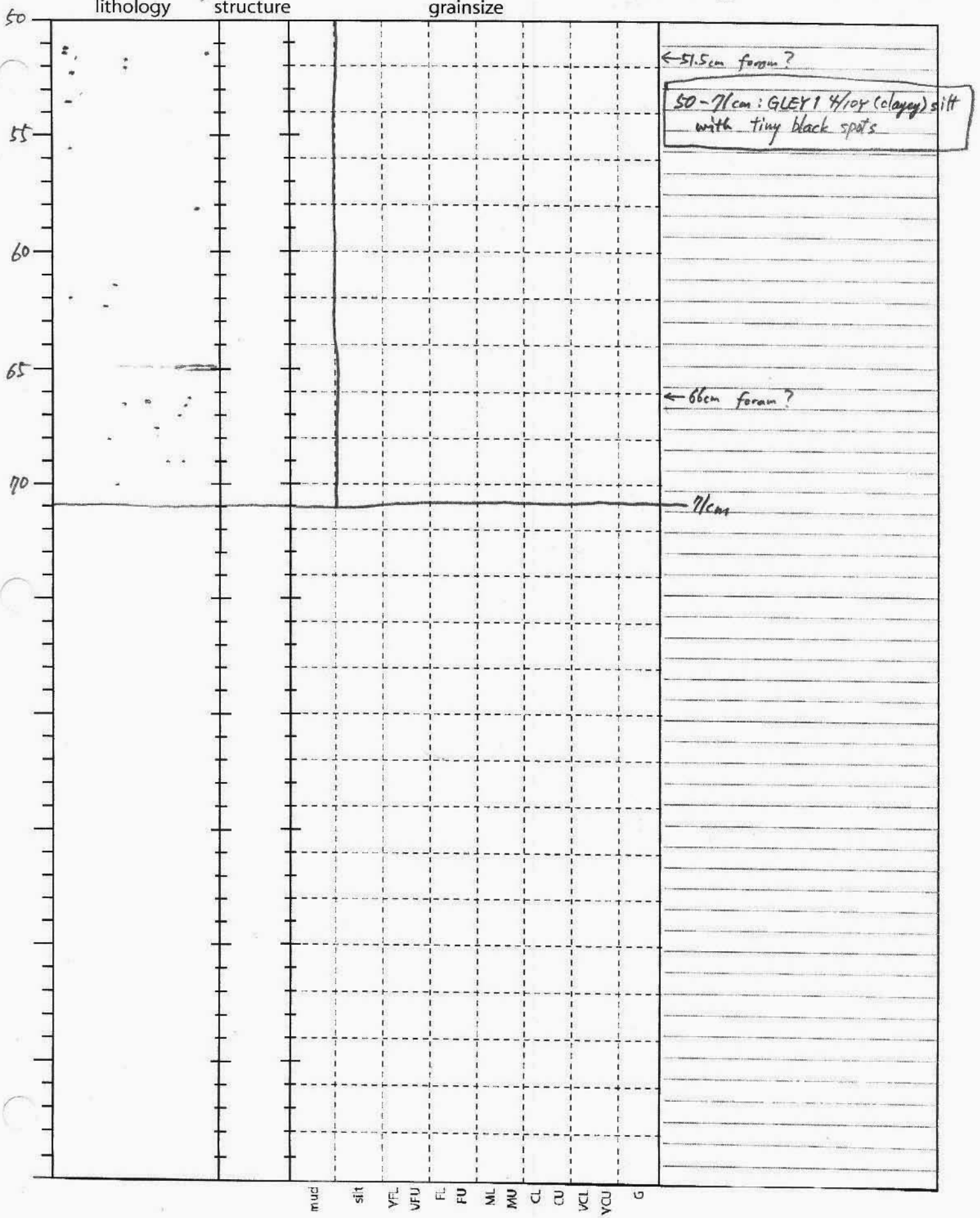
10.2-11cm: 2.5Y4/1 darker layers

11-50cm: GLEY1 4/10Y (clayey) silt with tiny black spots

* black spots

CORE LOG Core No. RR0705-60GC Section No. 1 sheet 2 of 2

Date 28/05/2007 Described by Ken Archive/Working



←51.5cm foram?

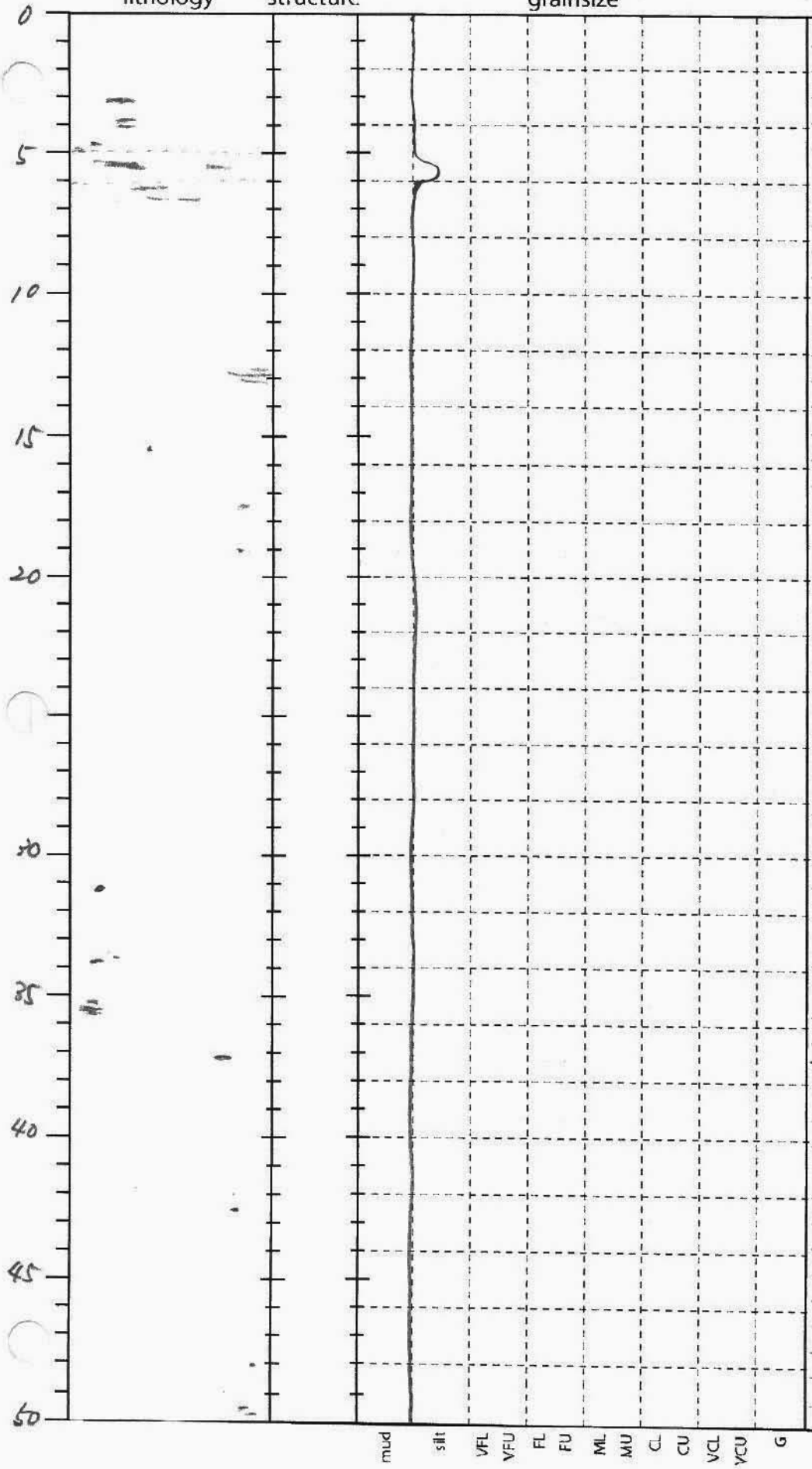
50-71cm: GLEY1 4/10Y (clayey) silt with tiny black spots

←66cm foram?

71cm

CORE LOG Core No. RR0705-60GC Section No. 2 sheet 1 of 2

Date 28/05/2007 Described by Ken Archive/Working



5-6cm: silt (coarser than upper & lower) both boundaries indistinct.

0-50cm: GLEY 1 4/10Y (clayey) silt with black spots.

← foram?

← foram?

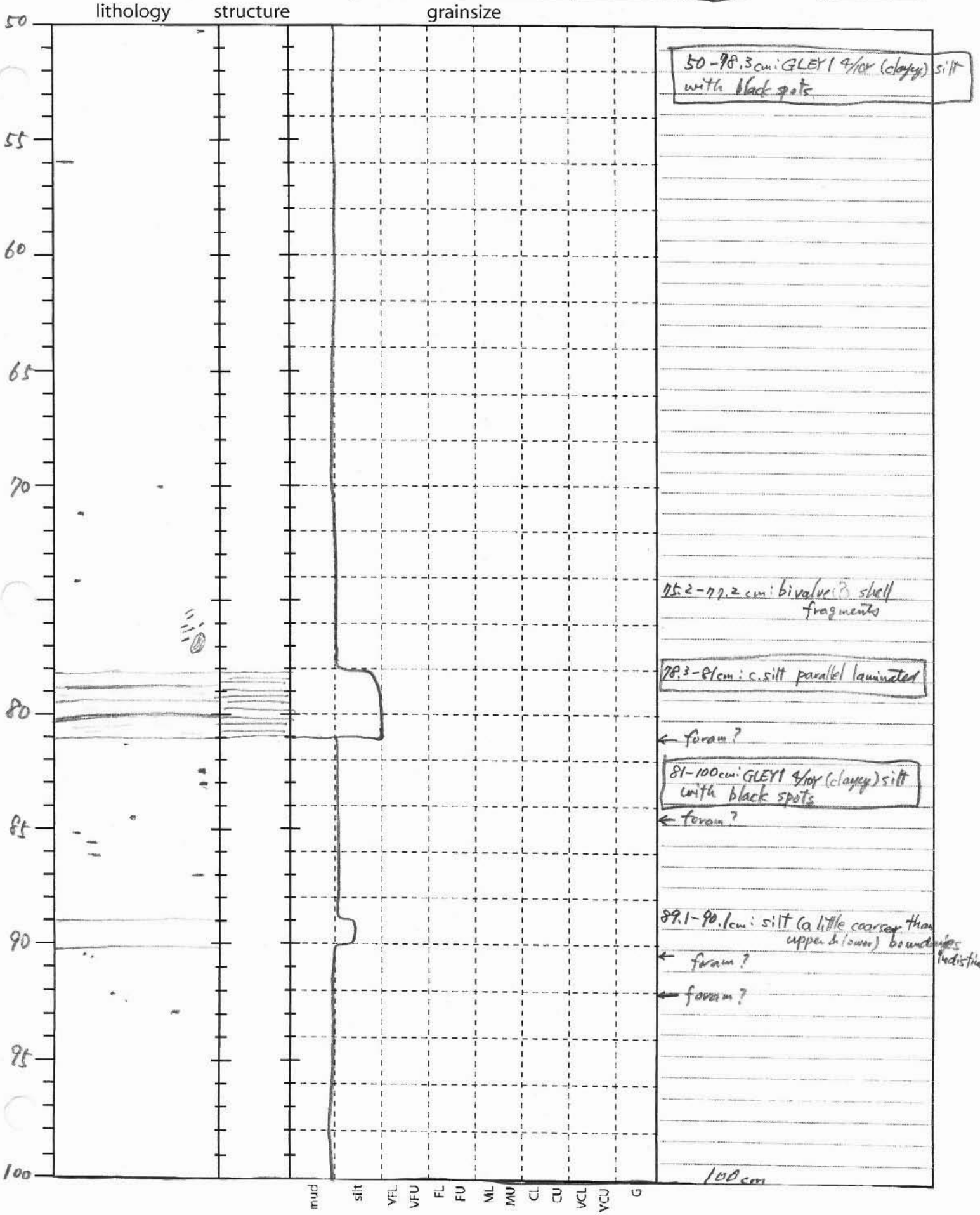
← foram?

← 37cm white ash? patch.

← foram?

CORE LOG Core No. RR0705-60GC Section No. 2 sheet 2 of 2

Date 28/05/2007 Described by Ken Archive/Working



50-98.3cm: GLEY1 4/10Y (clayey) silt with black spots

75.2-77.2cm: bivalve & shell fragments

78.3-81cm: c. silt parallel laminated

← foram?

81-100cm: GLEY1 4/10Y (clayey) silt with black spots

← foram?

89.1-90.1cm: silt (a little coarser than upper & lower) boundaries indistinct.

← foram?

← foram?

100cm

CORE LOG Core No. RR0705-61TC Section No. 1 sheet 1 of 3

Date 28/05/2007 Described by Ken Archive/Working

lithology structure grainsize

0
5
10
15
20
30
35
40
45
50

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

TOP: GLEY1 4/10Y clayey silt

0-50cm: GLEY1 4/10Y clayey silt with tiny black spots

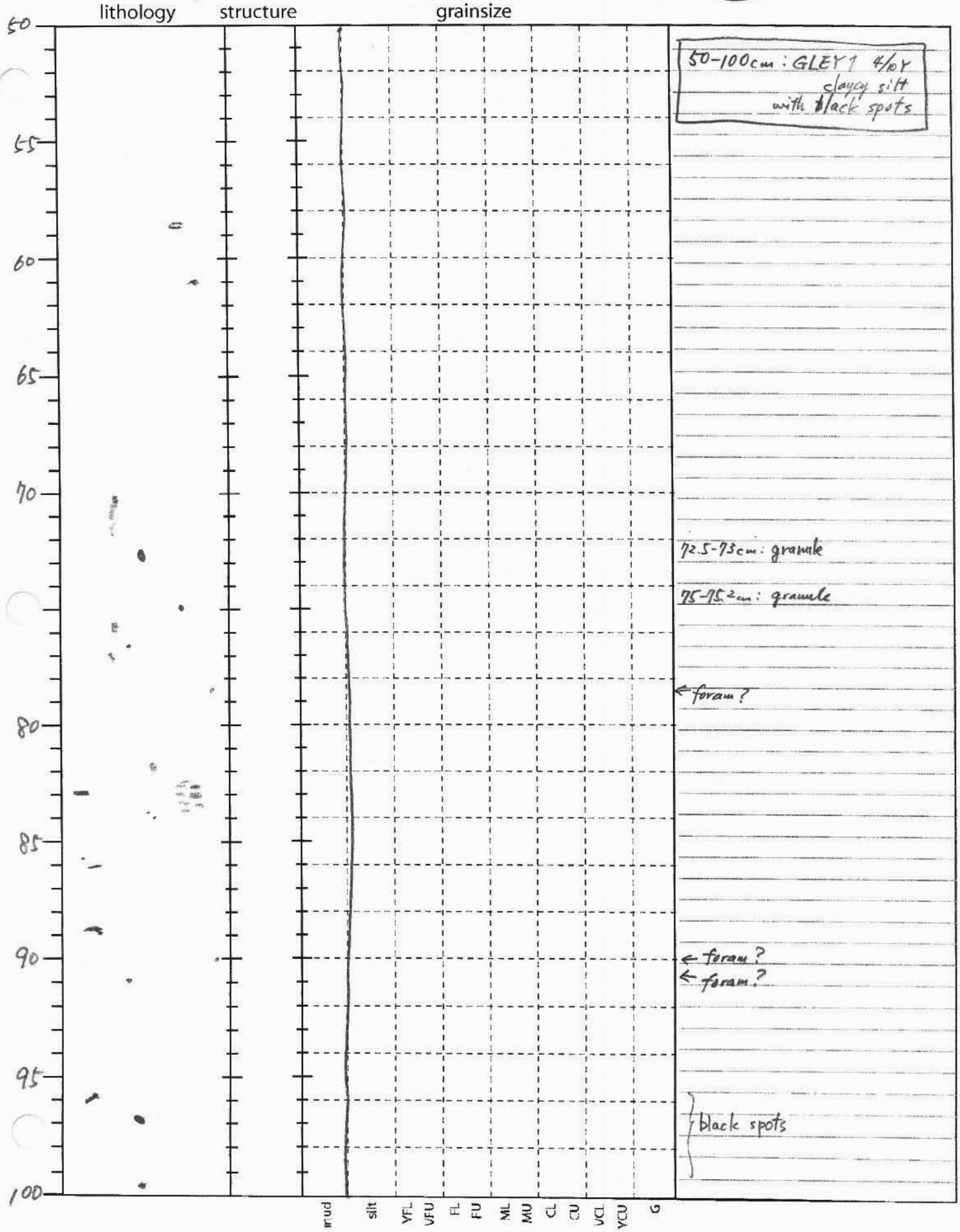
← foram?

← foram?

23.1-24cm: greenish (GLEY1 4/5GY)

CORE LOG Core No. RR0705-61TC Section No. 1 sheet 2 of 3

Date 28/05/2007 Described by Ken Archive/Working



50-100cm : GLEY1 4/10Y clayey silt with black spots

72.5-73cm : granule

75-75.2cm : granule

← foram?

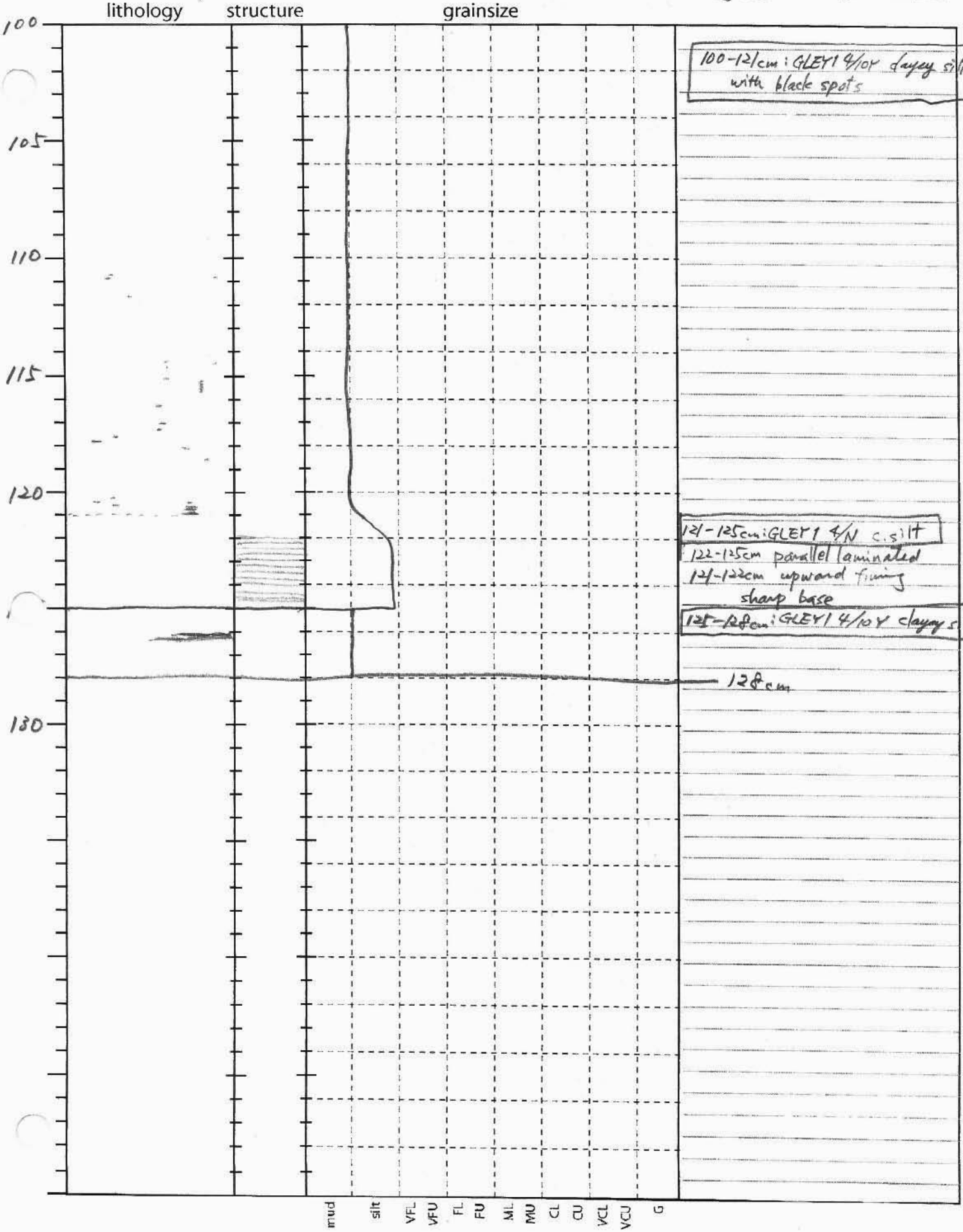
← foram?

← foram?

black spots

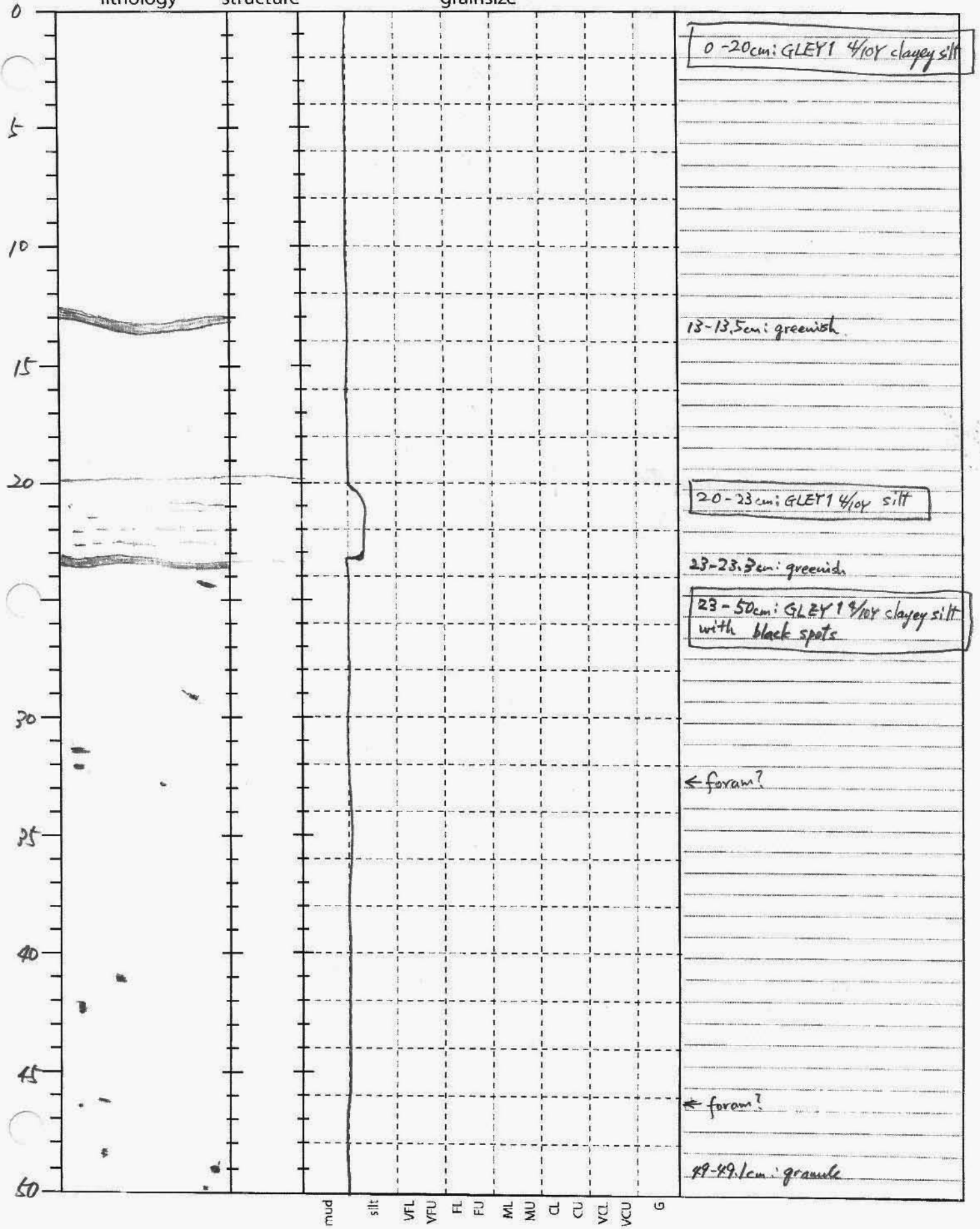
CORE LOG Core No. RR0705-61TC Section No. 1 sheet 3 of 3

Date 28/05/2007 Described by Ken (Archive) Working



CORE LOG Core No. RR0705-61TC Section No. 2 sheet 1 of 3

Date 28/05/2007 Described by Ken Archive/Working



0-20cm: GLEY1 4/10Y clayey silt

13-13.5cm: greenish

20-23cm: GLEY1 4/10Y silt

23-23.3cm: greenish

23-50cm: GLEY1 4/10Y clayey silt with black spots

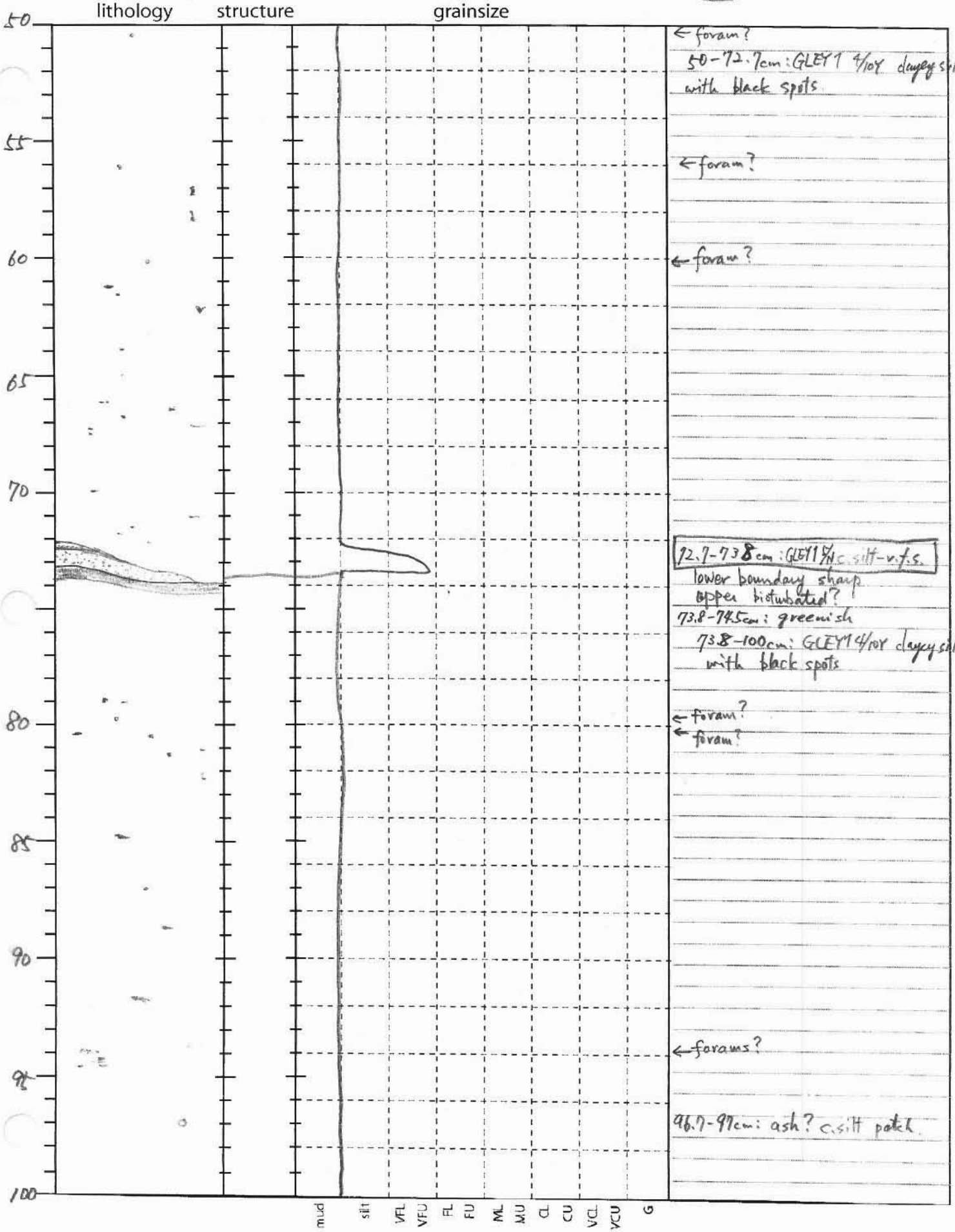
← foram?

← foram?

49-49.1cm: granule

CORE LOG Core No. RR0705-61TC Section No. 2 sheet 2 of 3

Date 28/05/2007 Described by Ken Archive/Working



← foram?

50-72.7cm: GLEY1 4/10Y clayey silt with black spots

← foram?

← foram?

72.7-73.8cm: GLEY1 5/N c. silt-v.f.s. lower boundary sharp upper bioturbated?

73.8-74.5cm: greenish

73.8-100cm: GLEY1 4/10Y clayey silt with black spots.

← foram?

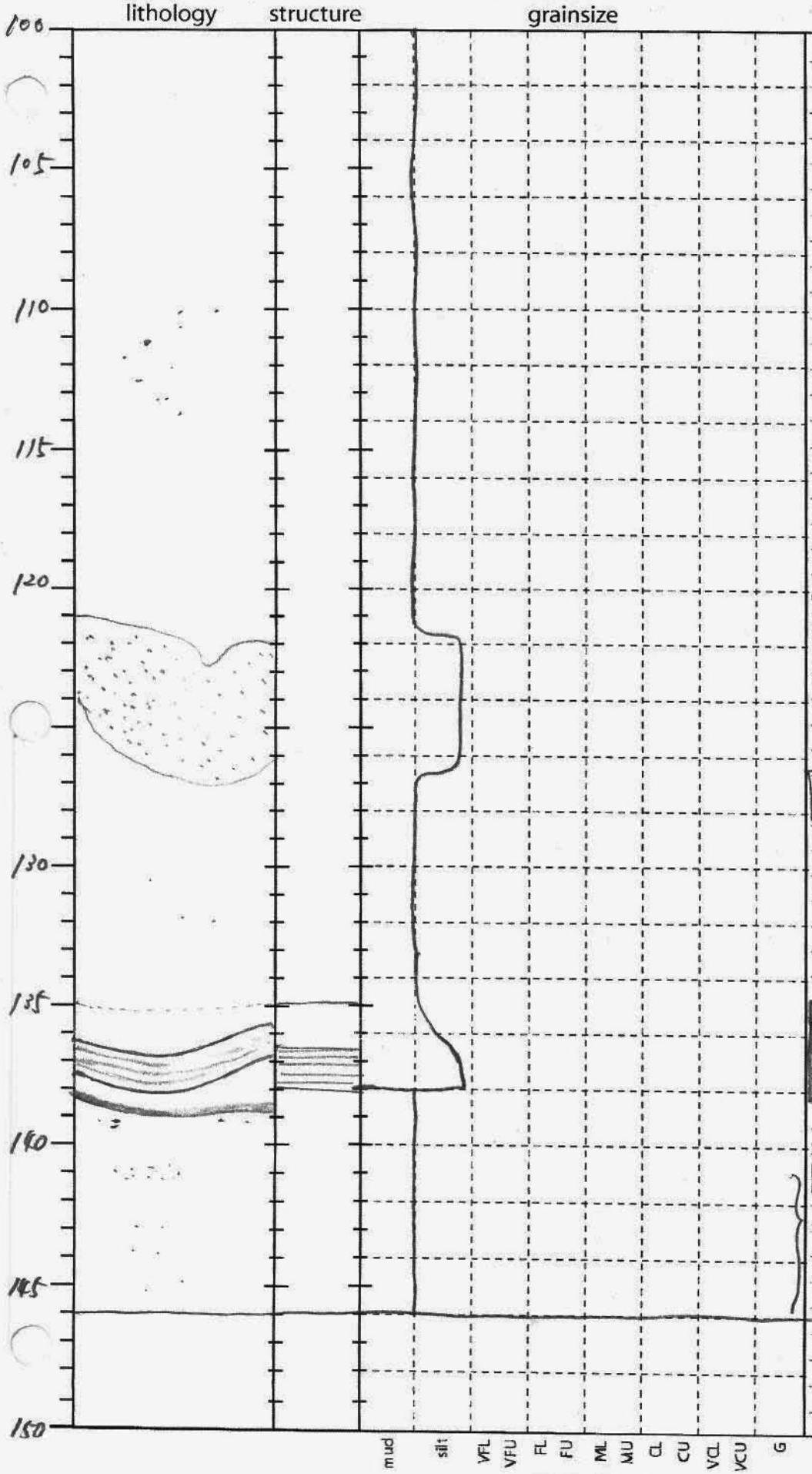
← foram?

← forams?

96.7-97cm: ash? c.silt patch

CORE LOG Core No. RR0705-61TC Section No. 2 sheet 3 of 3

Date 28/05/2007 Described by Ken Archive/Working



100-122cm: GLEY1 4/10Y clayey silt

forams?

122-127cm: GLEY1 4/10Y c.silt
upper & lower boundary irregular
upper bioturbated?
foram bearing

127-135cm: GLEY1 4/10Y clayey silt
with black spots.

135-136.7cm: GLEY1 4/10Y silt
136.7-138cm: GLEY1 4/10Y c.silt-vf.s
parallel laminated

138.7-139cm: greenish

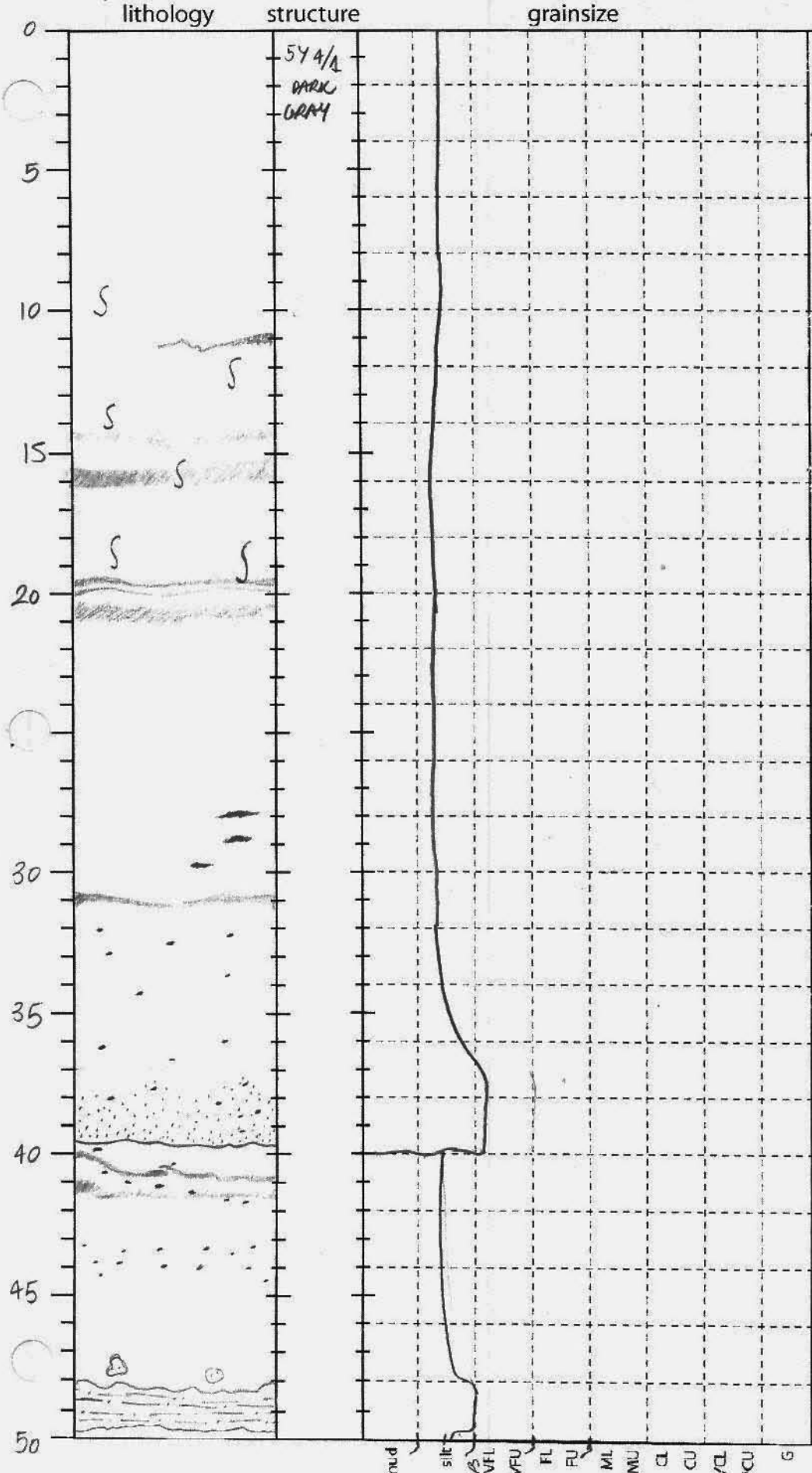
138-146cm: GLEY1 4/10Y clayey silt
with black spots.

forams?

146cm

CORE LOG Core No. RR0705-61PC Section No. 1 (0-151 cm) sheet 1 of 7

Date 28/05/07 Described by ~~ZORAIDA~~ Archive/Working



0-37 CM: SILT LAYER (5Y 4/1 DARK GRAY) WITH LIGHT BROWNISH OXIDATION? LAYERS (14-16'5/20'5/41), DARK BLUE GRAY LAYERS (11/19'5-20/31/40-41) MILIMETRICAL BLACK SPOTS (32-44'5 CM.) AND CENTIMETRICAL (≈1'5 CM LENGHT) ELONGATED BLACK SPOTS (27'5-30).

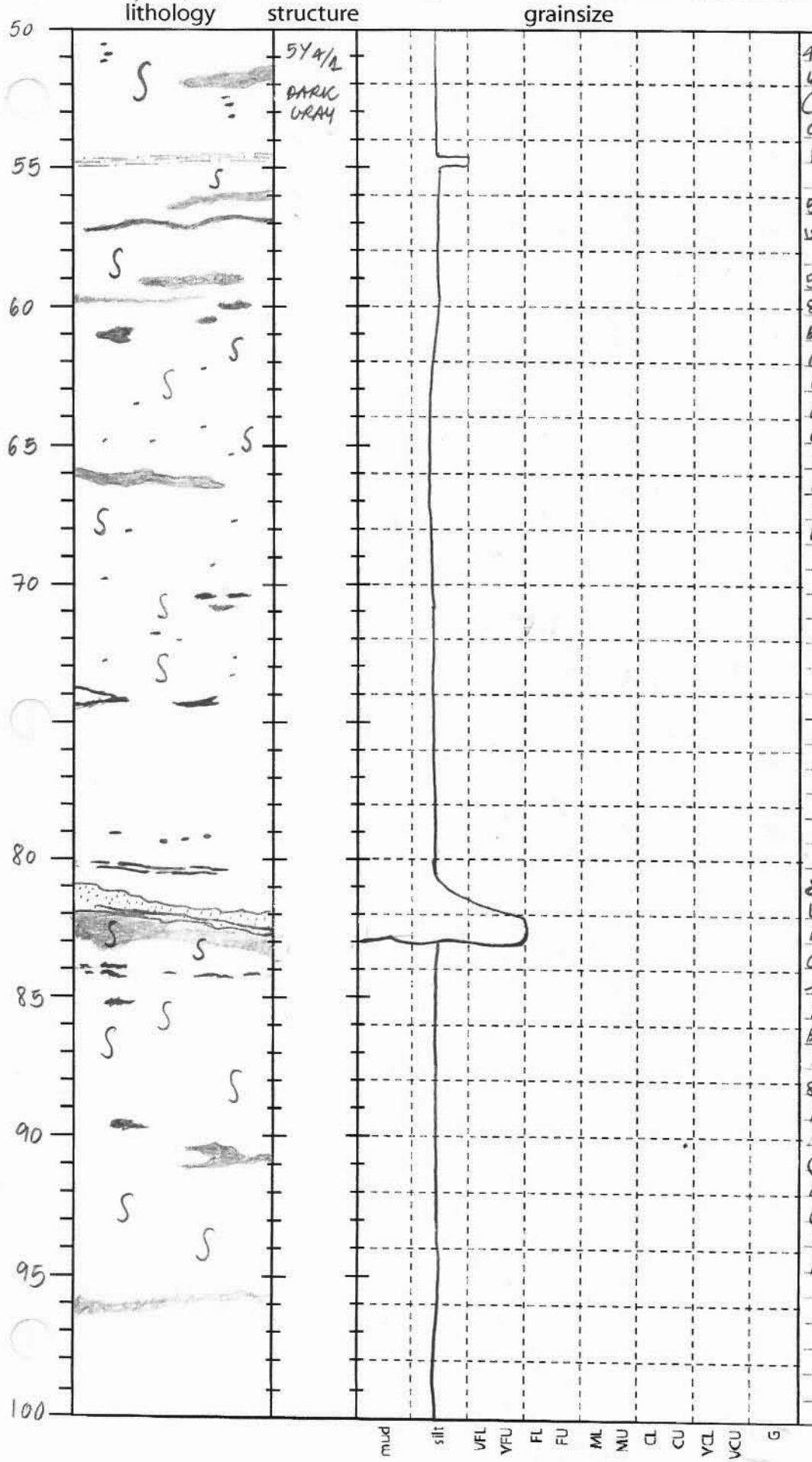
9-20 CM: COLOUR CHANGES OUTSTANDING ON THE BROWNISH OX LAYERS LIKE A PALE GRAY SPOTS (BIOTURBATION?)

37-39'5 CM: VERY FINE SAND LAYER (COLOUR LIGHTER THAN THE SILT LAYER ABOVE BECAUSE OF THE PRESENCE OF CREAM/PALE GRAY GRAINS Ø V.F.SAND) → NAKED EYE OBSERVATION!). DIFFUSE AND IRREGULARS BOUNDARIES (SHARPER THE LOWER THAN THE UPPER BOUNDARY!)

39'5-49/50 CM: SANDY SILT LAYER WITH IRREGULARS AND DIFFUSED BOUNDARIES. ABOVE THIS LAYER THERE ARE SANDY SILT BALLS (SANDY SILT "LAYER + BALLS" WITH LIGHTER GRAY THAN THE SILT LAYER ABOVE). BROWNISH OX? LAYERS (41), DARK BLUE GRAY LAYERS (40-41).

CORE LOG Core No. RR0705-61PC Section No. 1 (0-151 CM) sheet 2 of 7

Date 28/05/07 Described by ZORAIDA Archive/Working



49/5 - 54'5 CM: DARK GRAY SILT LAYER WITH DROPPED COLOUR CHANGES (BIOTURBATION?), BROWNISH OXIDATION? LAYER (51'5 - 52) AND BLACKISH MILIMETRICAL SPOTS.

54'5 - 55 CM: SANDY SILT LAYER WITH DIFFUSE BOUNDARIES

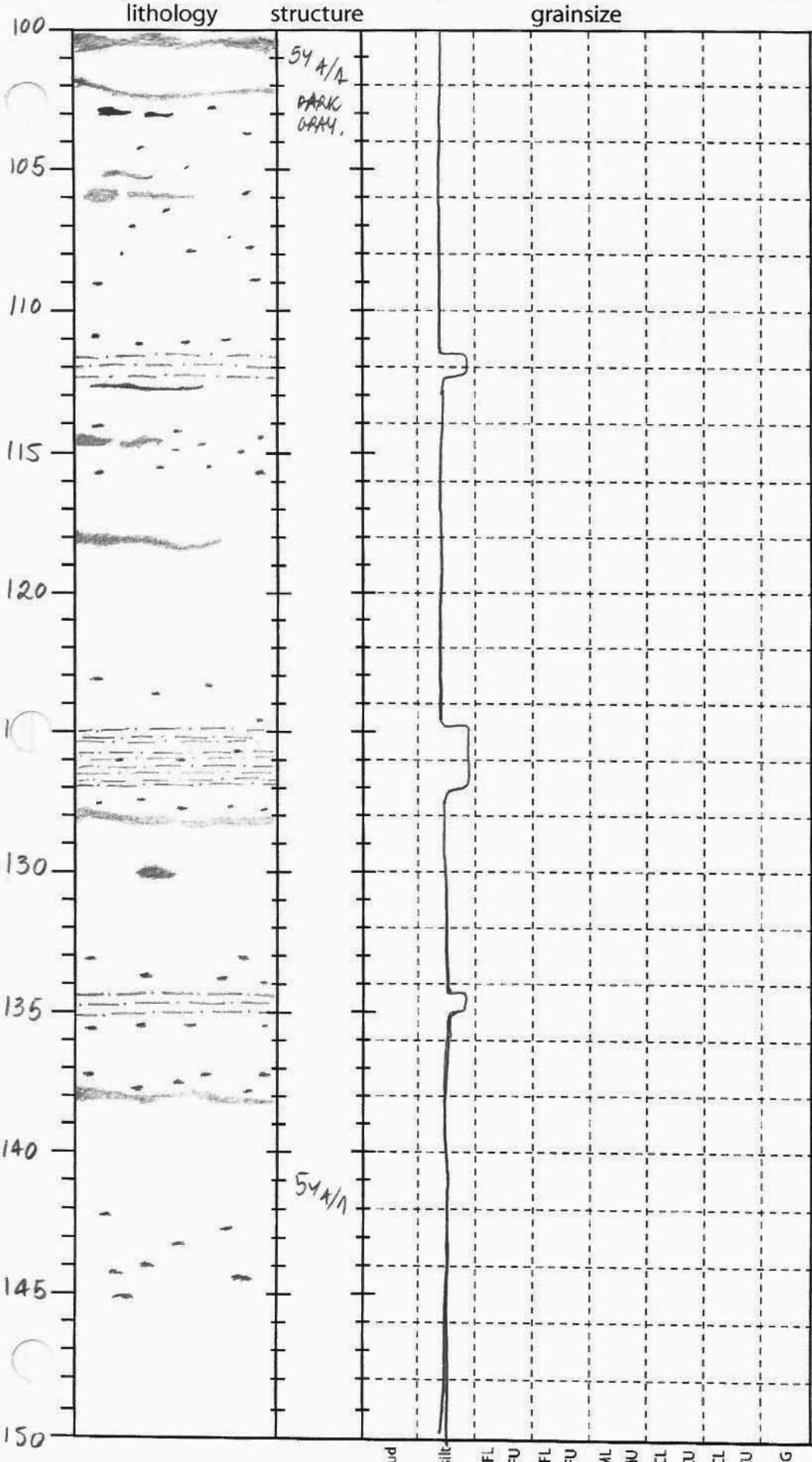
55 - 81 CM: 5Y 4/1 (DARK GRAY) SILT LAYER WITH DIFFUSE BOUNDARIES (GRADED GRAINSIZED CHANGE), BROWNISH OXIDATED LAYERS (58, 59?), DARK GRAY COLOURED ZONES/LAYERS (57, 60-61, 66, 73'5 - 74'5, 80), BLACK MILIMETRICAL SPOTS (62 - 73, 81), DROPPED COLOUR CHANGES (55 - 74) BIOTURBATION?)

81 - 82 CM: VERY FINE SAND LAYER WITH A SHARP LOWER BOUNDARY AND A GRADED GRAINSIZED CHANGE IN THE UPPER BOUNDARY, THEN IS A DIFFUSE BOUNDARY. IN THE BASE BLACK LAYER

82 - 100 CM: SILT LAYER WITH A SHARP UPPER BOUNDARY WITH A BLUE GRAY COLOURATED (82 - 83 APROX.) LAYER, DROPPED COLOUR CHANGES (82 - 95) (BIOTUR?), BROWNISH OX? LAYER (95'5 - 96), BLACK DASHED LAYER (86 CM).

CORE LOG Core No. RR0705-61PC Section No. 1 sheet 3 of 7

Date 28/05/07 Described by ZORAIDA Archive/Working



100 - 111'5 CM: SILT DARK GRAY LAYER WITH BLACK MILIMETRICAL SPOTS, BROWNISH OXIDATION ZONES (100-101/105-106), AND DARKISH LAYER (102).

102'5 - 103'5 CM: SANDY SILT LAYER.

103'5 - 125 CM: SILT LAYER WITH GRAYISH LAYERS (114'5 - 118) AND BLACK MILIMETRICAL SPOTS (114 - 116, 123).

125 - 127 CM: SANDY SILT LAYER WITH MILIMETRICAL BLACK SPOTS

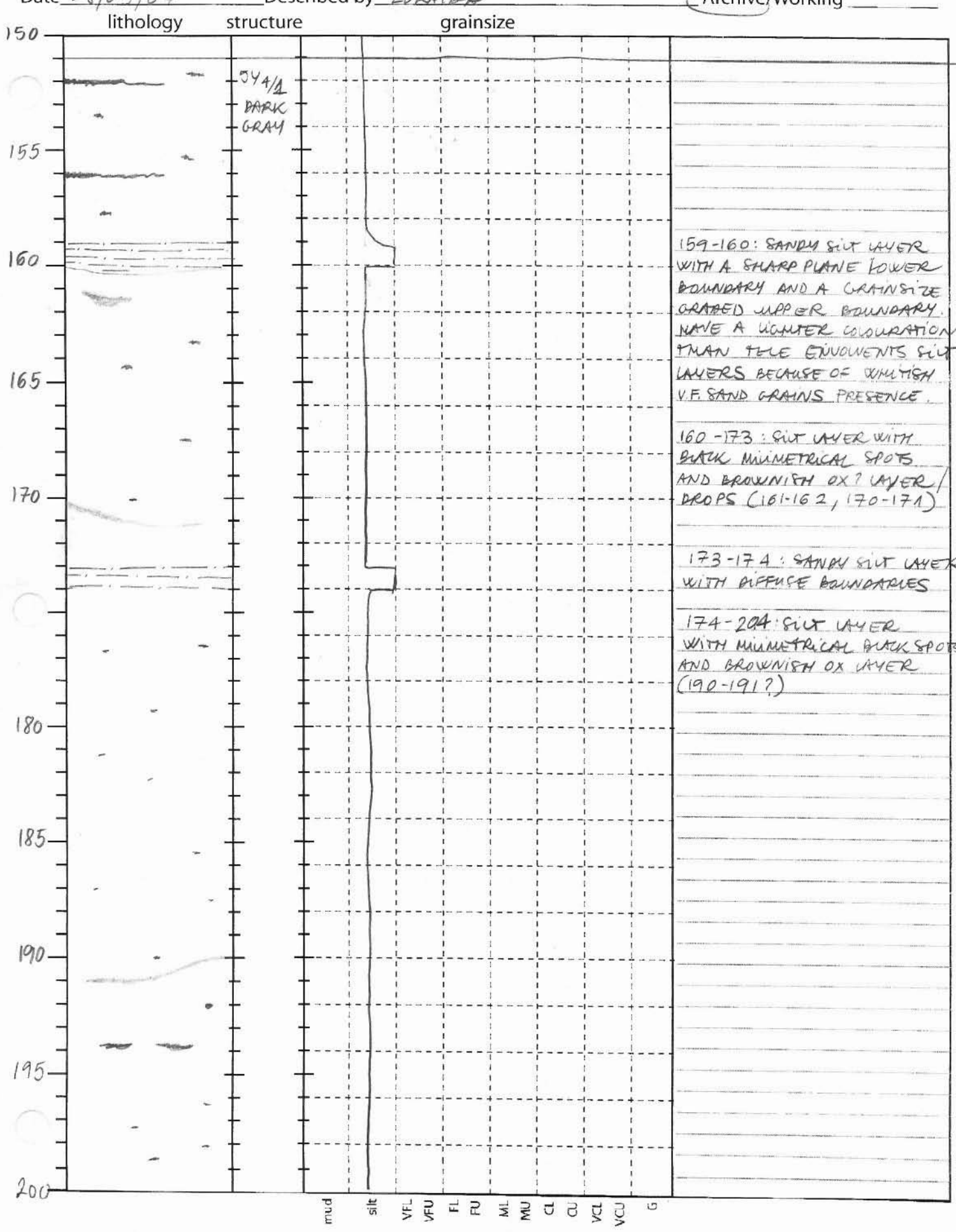
127 - 136'5 CM: SILT LAYER (GRAY DARK) WITH BLACK MILIMETRICAL SPOTS IN THE UPPER AND LOWER PART, GRAYISH LAYER (128) AND BROWNISH DROP (130).

134'5 - 135'5 CM: SANDY SILT LAYER.

135'5 - 15[illegible] CM: SILT LAYER (5Y 4/1), WITH BLACK SPOTTED PARTS (136, 137, 142 - 145) LIGHT BROWNISH OX? LAYER (138), BLACKISH LAYERS (152 - 156).

CORE LOG Core No. RR0705-61PG Section No. 1/2 (151-301) sheet 4 of 7

Date 28/05/07 Described by ZORMIDA Archive/Working



SEC1

SEC2.

159-160: SANDY SILT LAYER WITH A SHARP PLANE LOWER BOUNDARY AND A GRAINSIZE GRADED UPPER BOUNDARY. HAVE A LIGHTER COLOURATION THAN THE ENVOLVENTS SILT LAYERS BECAUSE OF SLIGHTLY V.F. SAND GRAINS PRESENCE.

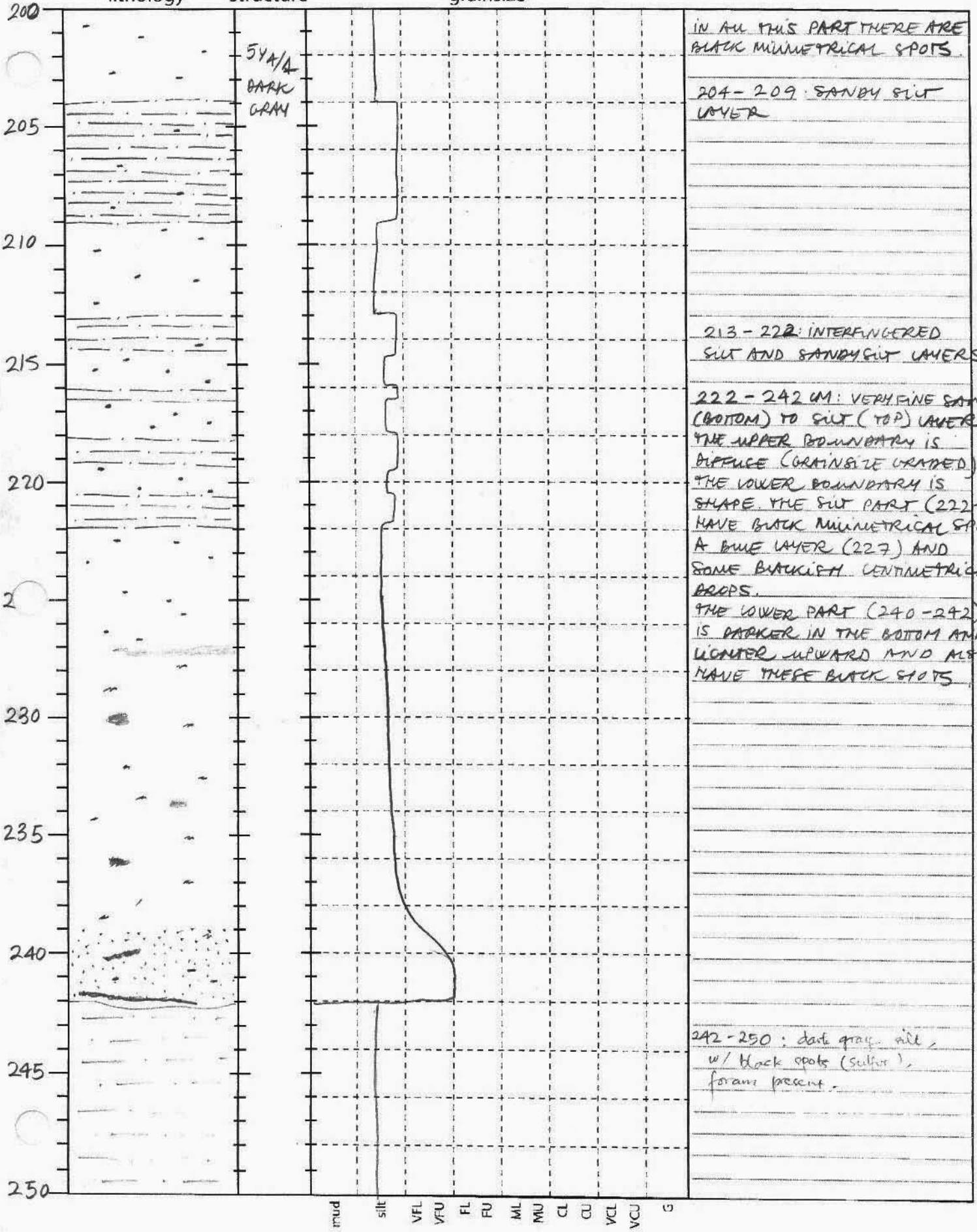
160-173: SILT LAYER WITH BLACK MILIMETRICAL SPOTS AND BROWNISH OX? LAYER/DROPS (161-162, 170-171)

173-174: SANDY SILT LAYER WITH DIFFUSE BOUNDARIES

174-204: SILT LAYER WITH MILIMETRICAL BLACK SPOTS AND BROWNISH OX LAYER (190-191?)

CORE LOG Core No. RR0705-61PC Section No. 2 sheet 5 of 7

Date 28/05/07 Described by ZORAIDA / SAPTA · Archive/Working



IN ALL THIS PART THERE ARE BLACK MILIMETRICAL SPOTS.

204 - 209 · SANDY SILT LAYER

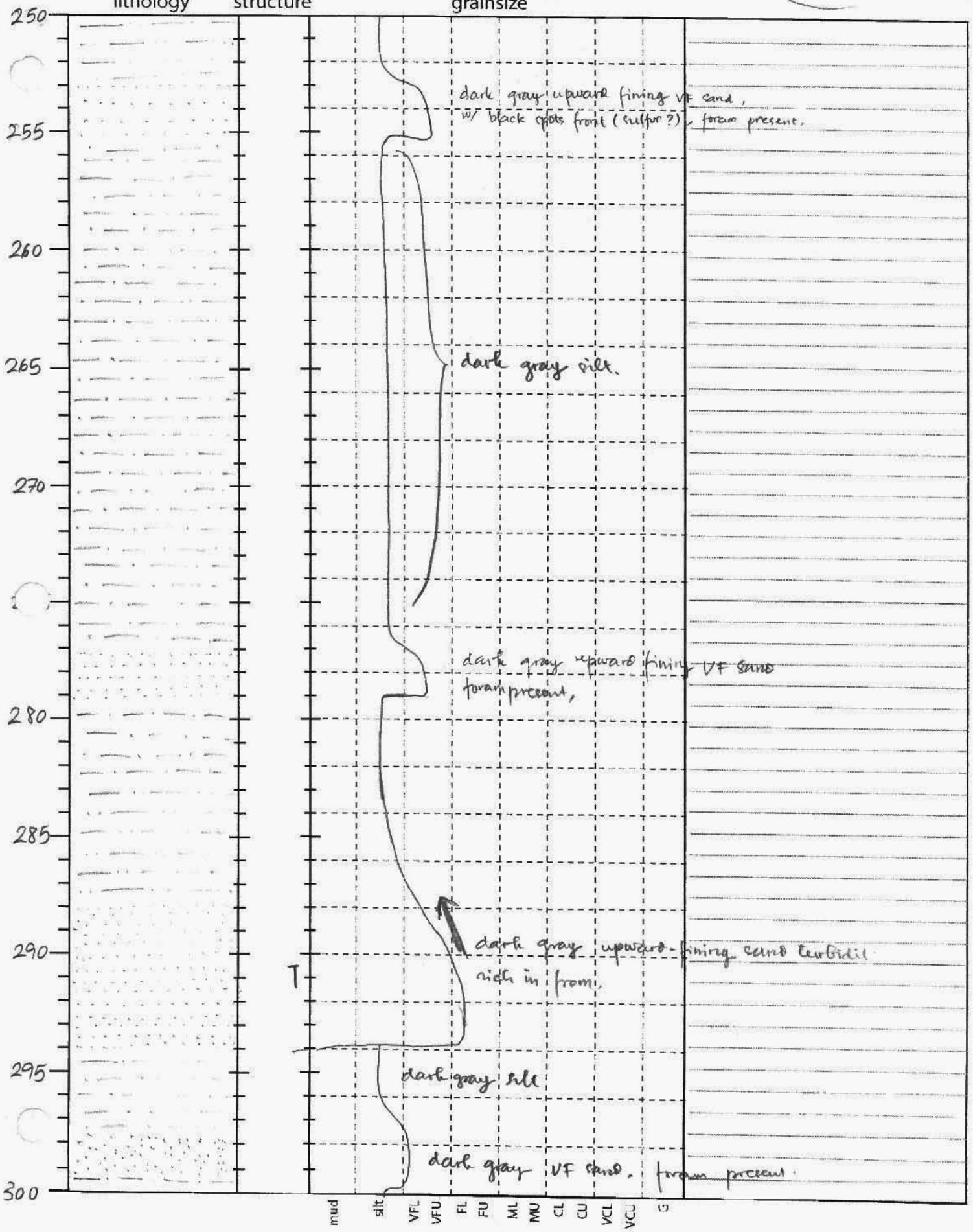
213 - 222: INTERFINGERED SILT AND SANDY SILT LAYERS

222 - 242 CM: VERY FINE SAND (BOTTOM) TO SILT (TOP) LAYER. THE UPPER BOUNDARY IS DIFFUSE (GRAINSIZE GRADED) THE LOWER BOUNDARY IS SHARP. THE SILT PART (222-240) HAVE BLACK MILIMETRICAL SPOTS, A BLUE LAYER (227) AND SOME BLACKISH CENTIMETRICAL DROPS.
THE LOWER PART (240 - 242) IS DARKER IN THE BOTTOM AND LIGHTER UPWARD AND ALSO HAVE THESE BLACK SPOTS

242 - 250 : dark gray silt, w/ black spots (sulfur), foram present.

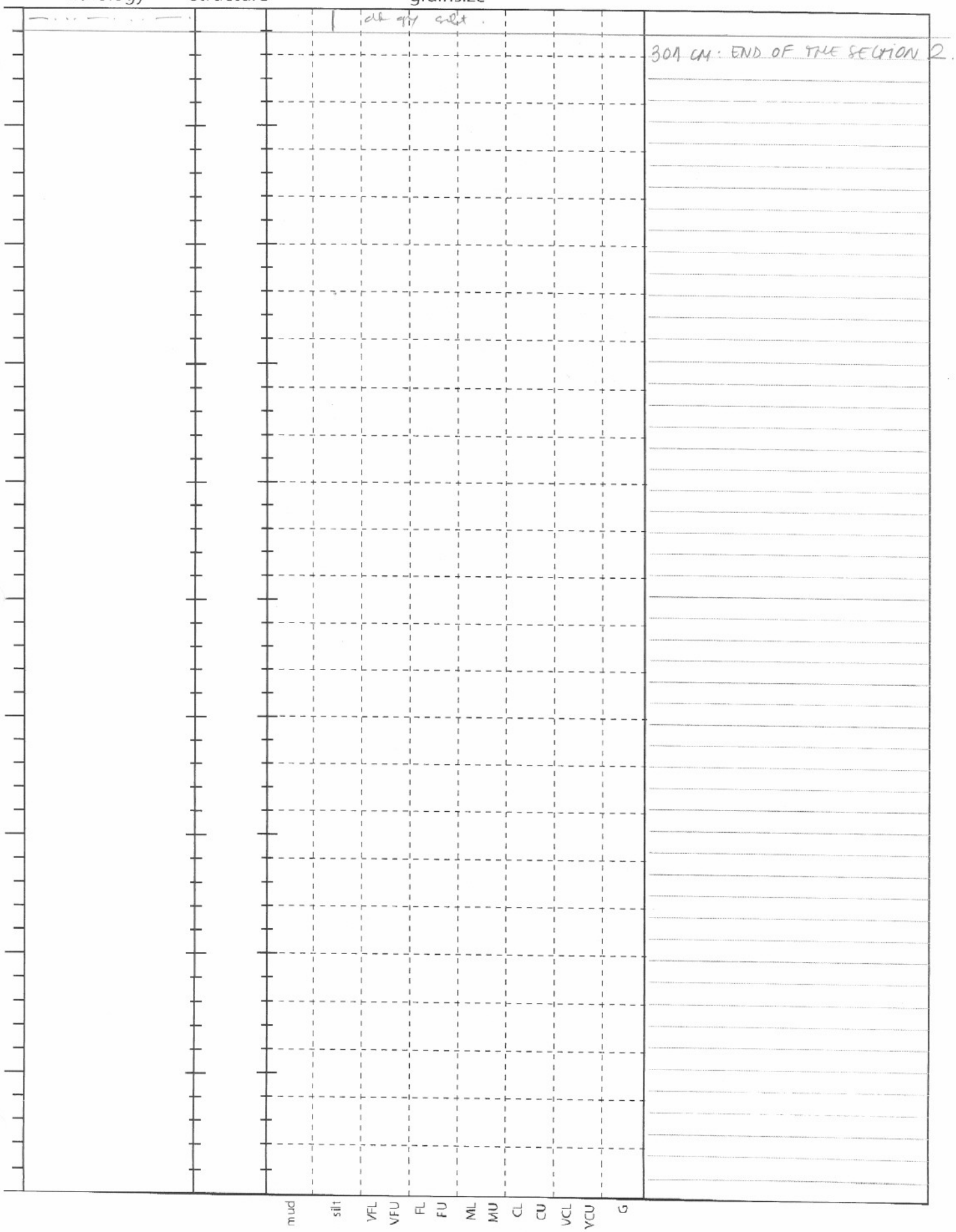
CORE LOG Core No. RR0705-61PC Section No. 2 sheet 6 of 7

Date 28/05/07 Described by ZORAIDA / SAPTA. Archive/Working



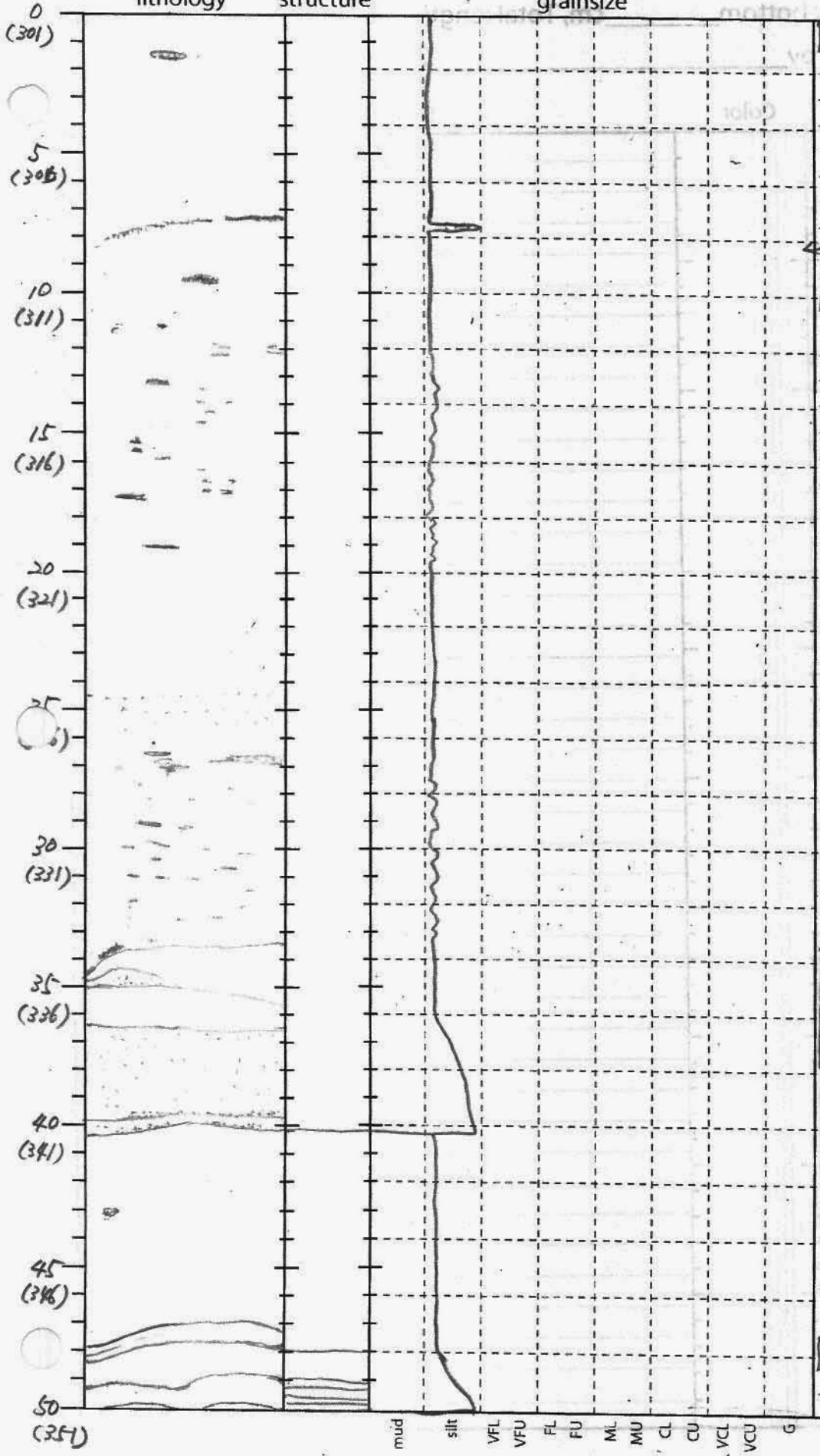
CORE LOG Core No. RR0705-61PC Section No. 2 sheet 7 of 7

Date 28/05/07 Described by ZORAIDA / SAPTA Archive/Working



CORE LOG Core No. RR0705-61PC Section No. 3. sheet 1 of 3

Date 28/05/2007 Described by Ken (Archive/Working)



0-8cm: GLEY1 4/10Y silt

7.4-7.5cm: GLEY1 2.5/10Y v.f.s-c.silt

9.2-9.4cm foram patch

8-35cm: GLEY1 5/10Y silt, foram rich with c.silt-v.f.s. patches

11-19cm: with small c.silt-v.f.s patches

23.5-33cm: sandy

33-35cm: greenish

35-36.2cm: GLEY1 4/10Y silt less clayey, no foram.

36.2-40cm: c.silt (GLEY1 4/10Y) lower boundary irregular

boundary gradual

40-47.6cm: GLEY1 4/10Y silt foram rich

49.2-49.6cm: greenish

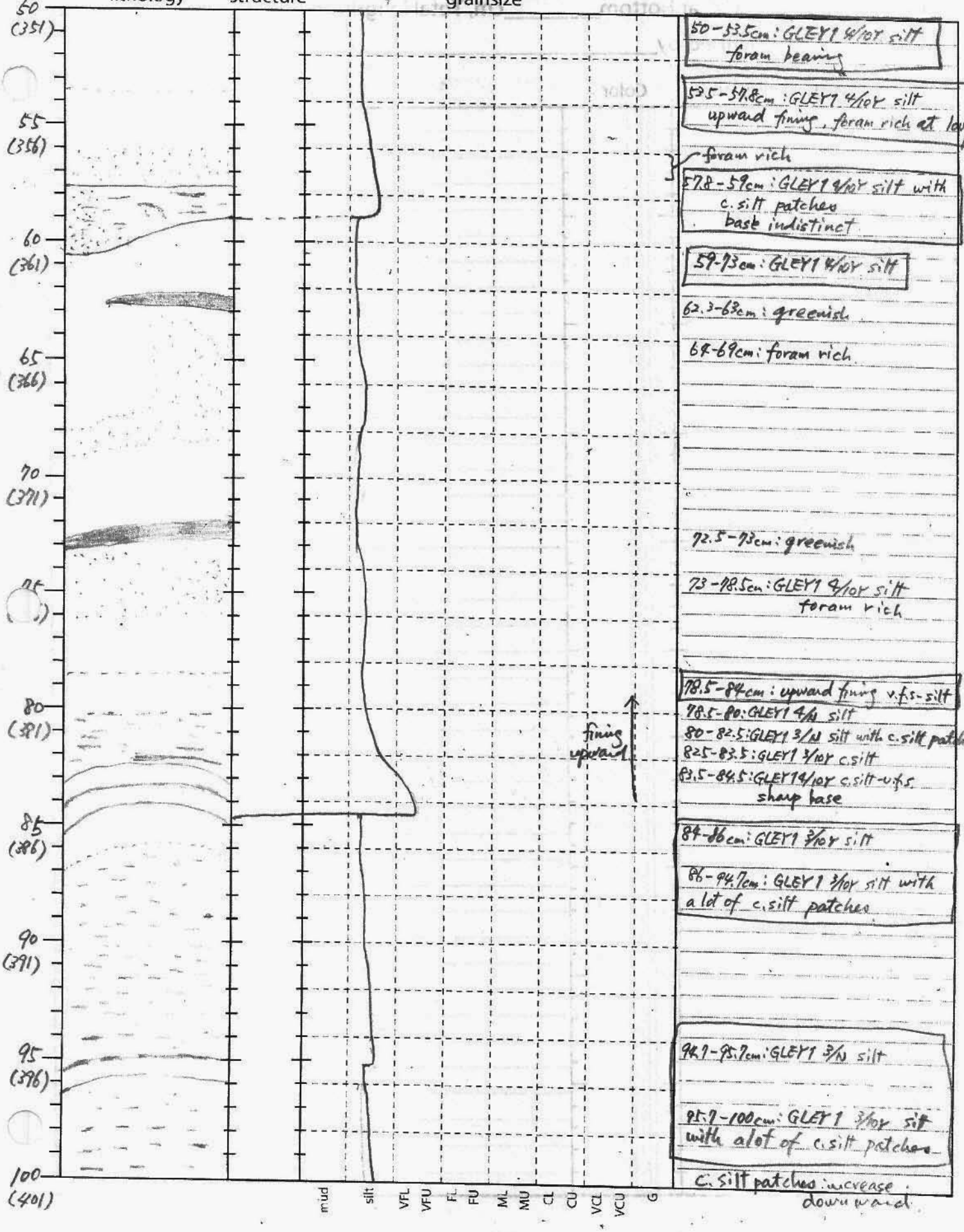
47.6-50cm: GLEY1 4/10Y c.silt-silt

47.6-49cm: silt

49-50cm: c.silt: parallel laminated

CORE LOG Core No. RR0705-61PC Section No. 3 sheet 2 of 3

Date 28/05/2007 Described by Ken Archive/Working



50-53.5cm: GLEY1 4/10Y silt
foram bearing

53.5-57.8cm: GLEY1 4/10Y silt
upward fining, foram rich at lower part

foram rich

57.8-59cm: GLEY1 4/10Y silt with
c. silt patches
base indistinct

59-73cm: GLEY1 4/10Y silt

62.3-63cm: greenish

64-69cm: foram rich

72.5-73cm: greenish

73-78.5cm: GLEY1 4/10Y silt
foram rich

78.5-84cm: upward fining v.f.s-silt
78.5-80: GLEY1 4/N silt
80-82.5: GLEY1 3/N silt with c. silt patches?
82.5-83.5: GLEY1 3/10Y c. silt
83.5-84.5: GLEY1 4/10Y c. silt-v.f.s.
sharp base

84-86cm: GLEY1 3/10Y silt

86-94.7cm: GLEY1 3/10Y silt with
a lot of c. silt patches

94.7-95.7cm: GLEY1 3/N silt

95.7-100cm: GLEY1 3/10Y silt
with a lot of c. silt patches

c. silt patches: increase downward

CORE LOG Core No. RR0705-61PC Section No. 2 sheet 3 of 3

Date 28/05/2007 Described by Ken Archive/Working

lithology structure grainsize

100 (401)

105 (406)

110 (411)

115 (416)

120 (421)

(426)

130

void

100-105cm: GLEY1 4/10Y silt with a lot of c.silt patches

105-106.5cm: GLEY1 4/N c.silt parallel laminated

106.5-107cm: 5Y4/1 vf-f.s parallel laminated

107-114.5cm: void

114.5-115.5cm: vf.-f.s

115.5-118.5cm: GLEY1 4/N silt foram rich

118.5-119cm: greenish

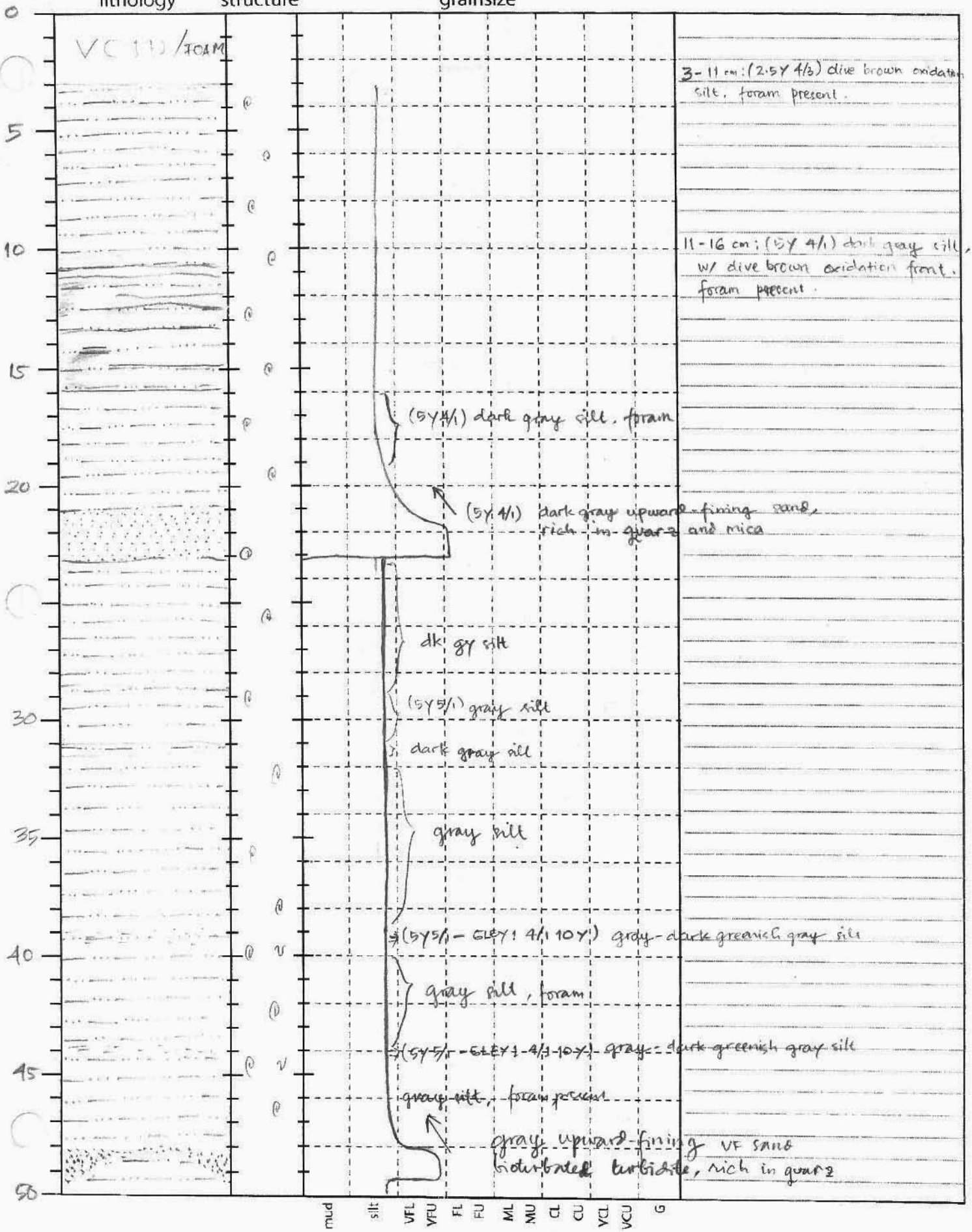
118.5-127cm: GLEY1 4/10Y silt with c.silt patches

127cm (R28cm)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

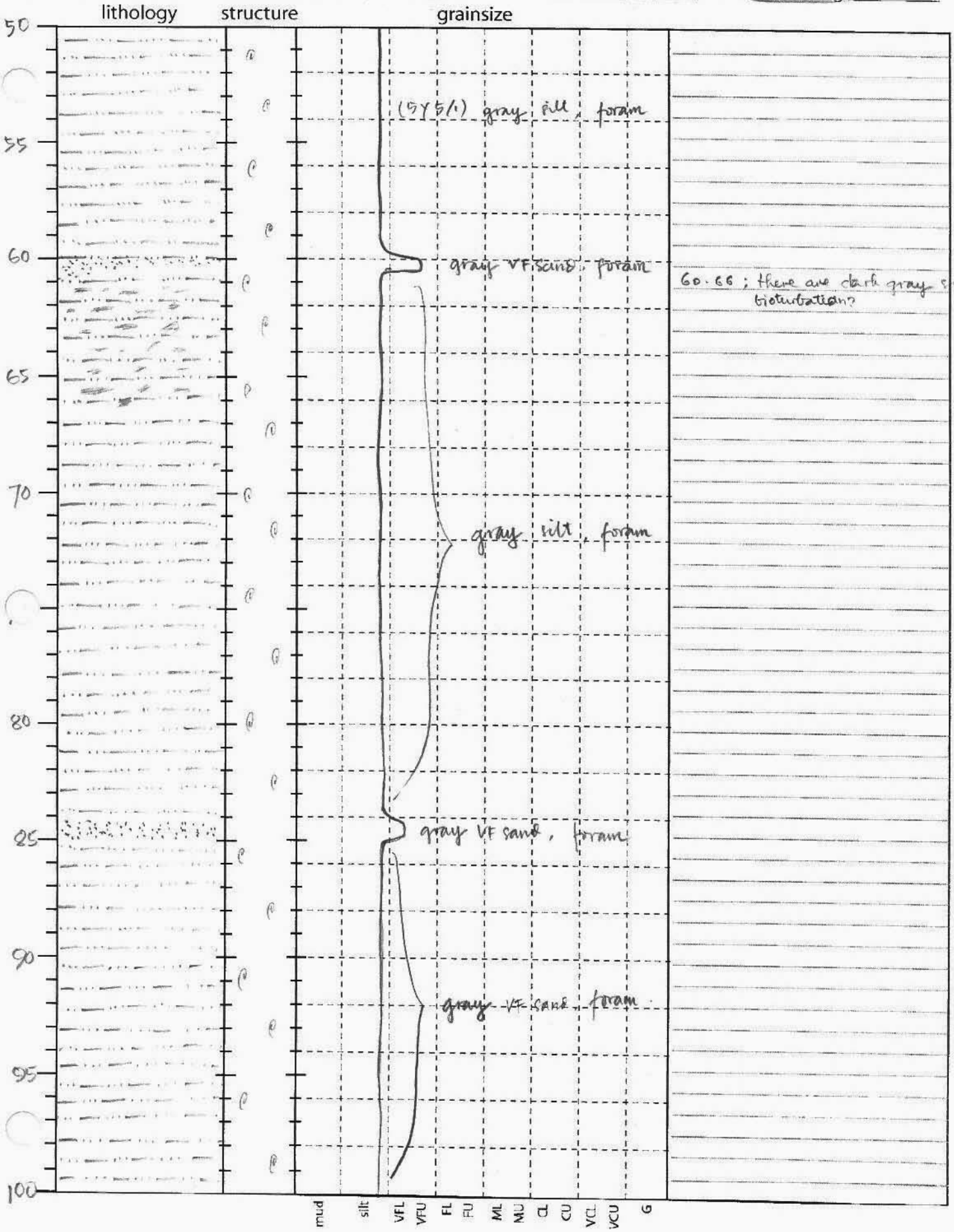
CORE LOG Core No. RR0705-62 GC Section No. 1 of 1 sheet 1 of 3

Date 29 / 05 / 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - G2 GC Section No. 1 of 1 sheet 2 of 3

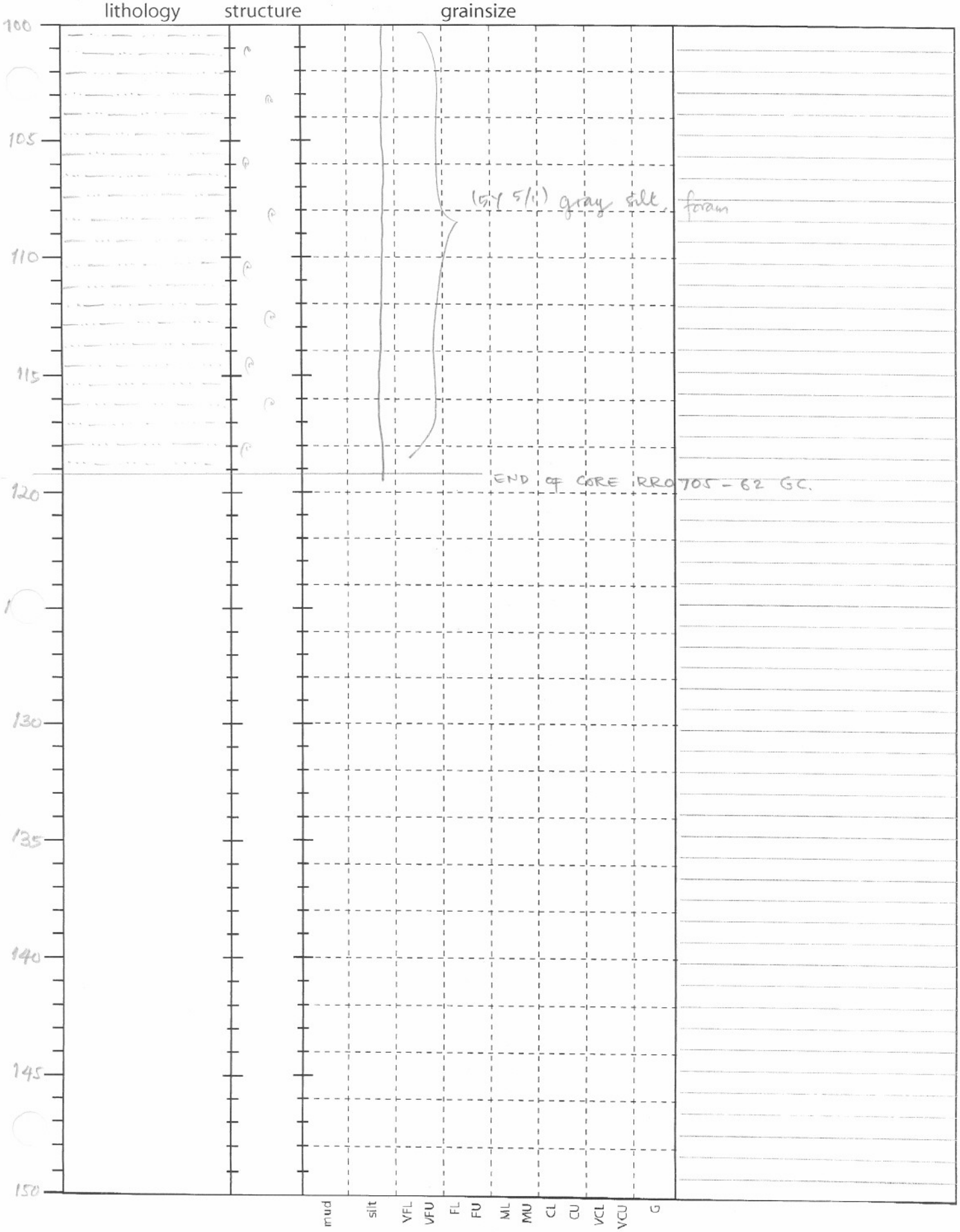
Date 29/05/07 Described by SAPTA Archive/Working



60-66 ; there are dark gray spot, bioturbation?

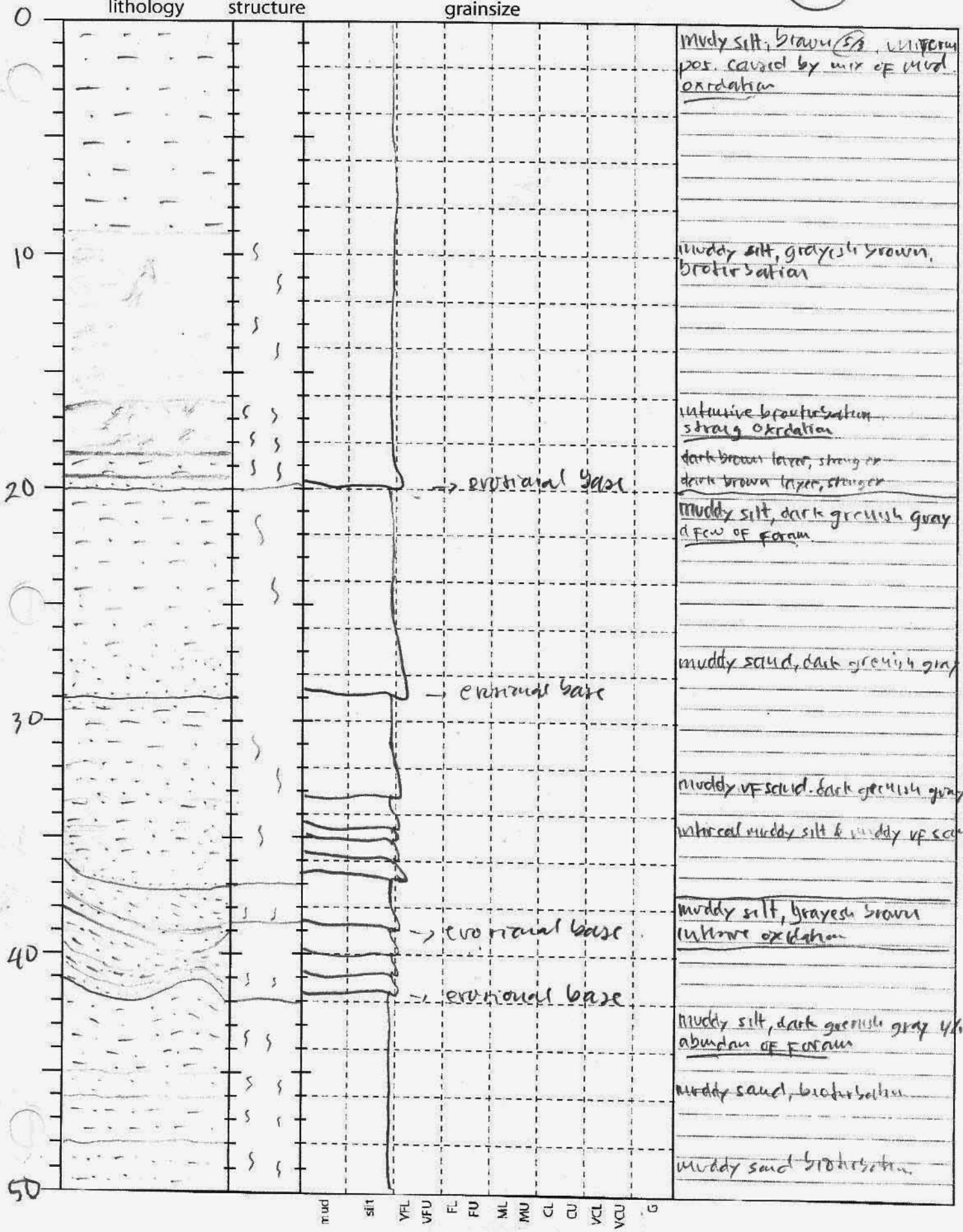
CORE LOG Core No. RR0705 - 62GC Section No. 1 of 1 sheet 3 of 3

Date 29/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. 63TC Section No. 1 of 1 sheet 1 of 3

Date _____ Described by YVO Archive/Working



muddy silt, brown (5/3), uniform pos. caused by mix of mud oxidation

muddy silt, gray(ish) brown, bioturbation

intensive bioturbation strong oxidation

~~dark brown layer, strong ox~~

dark brown layer, stronger

muddy silt, dark greenish gray 4/1 10Y

few of foram

muddy sand, dark greenish gray 4/1 10Y

muddy VF sand, dark greenish gray 4/1 10Y

interval muddy silt & muddy VF sand

muddy silt, grayish brown

intense oxidation

muddy silt, dark greenish gray 4/1 5GY

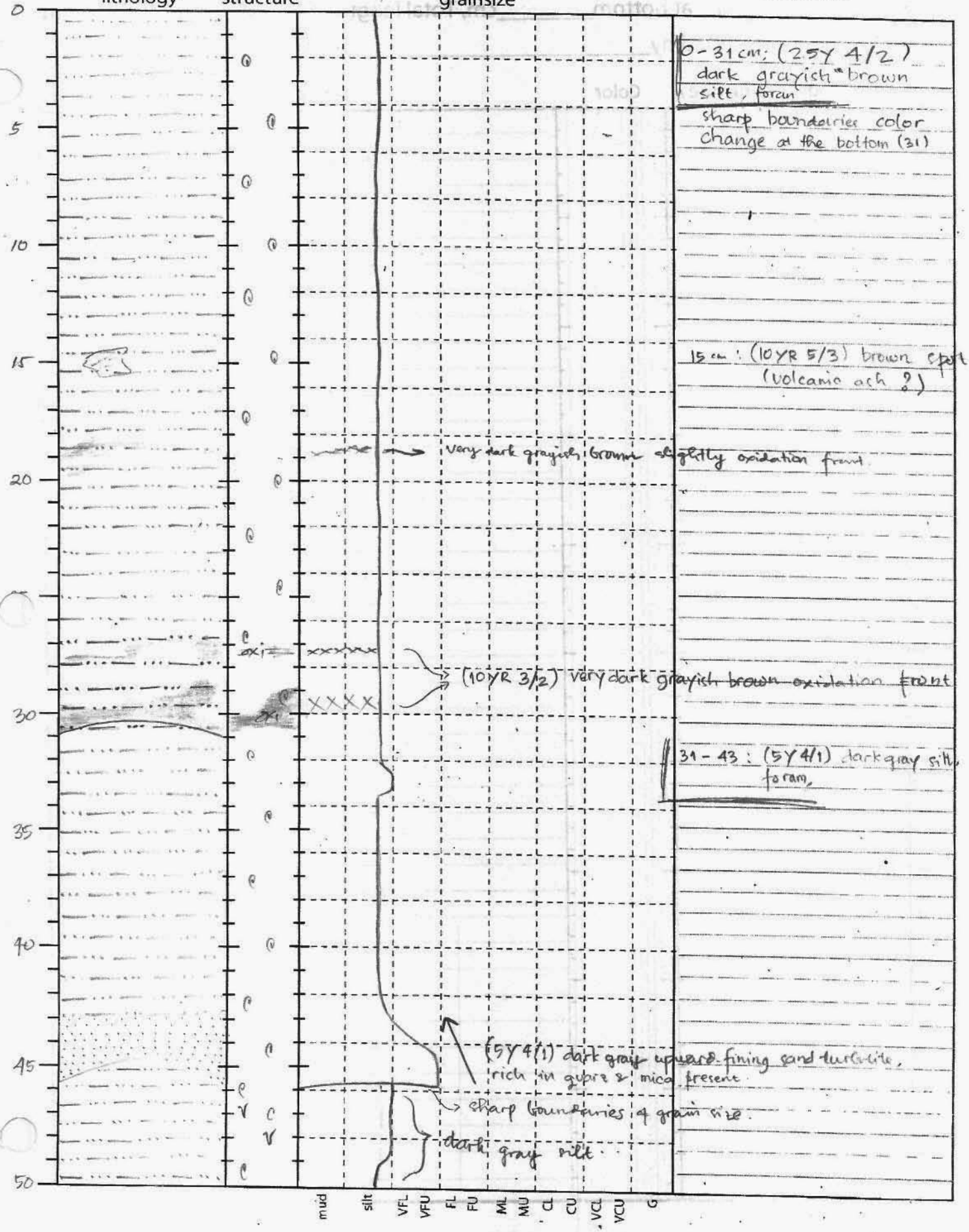
abundan of foram

muddy sand, bioturbation

muddy sand bioturbation

CORE LOG Core No. RR0705 - 63 PC Section No. 1 of 2 sheet 1 of 6

Date 29/05/07 Described by SAPTA Archive/Working



0-31 cm: (2.5Y 4/2) dark grayish brown silt, foram

sharp boundaries color change at the bottom (31)

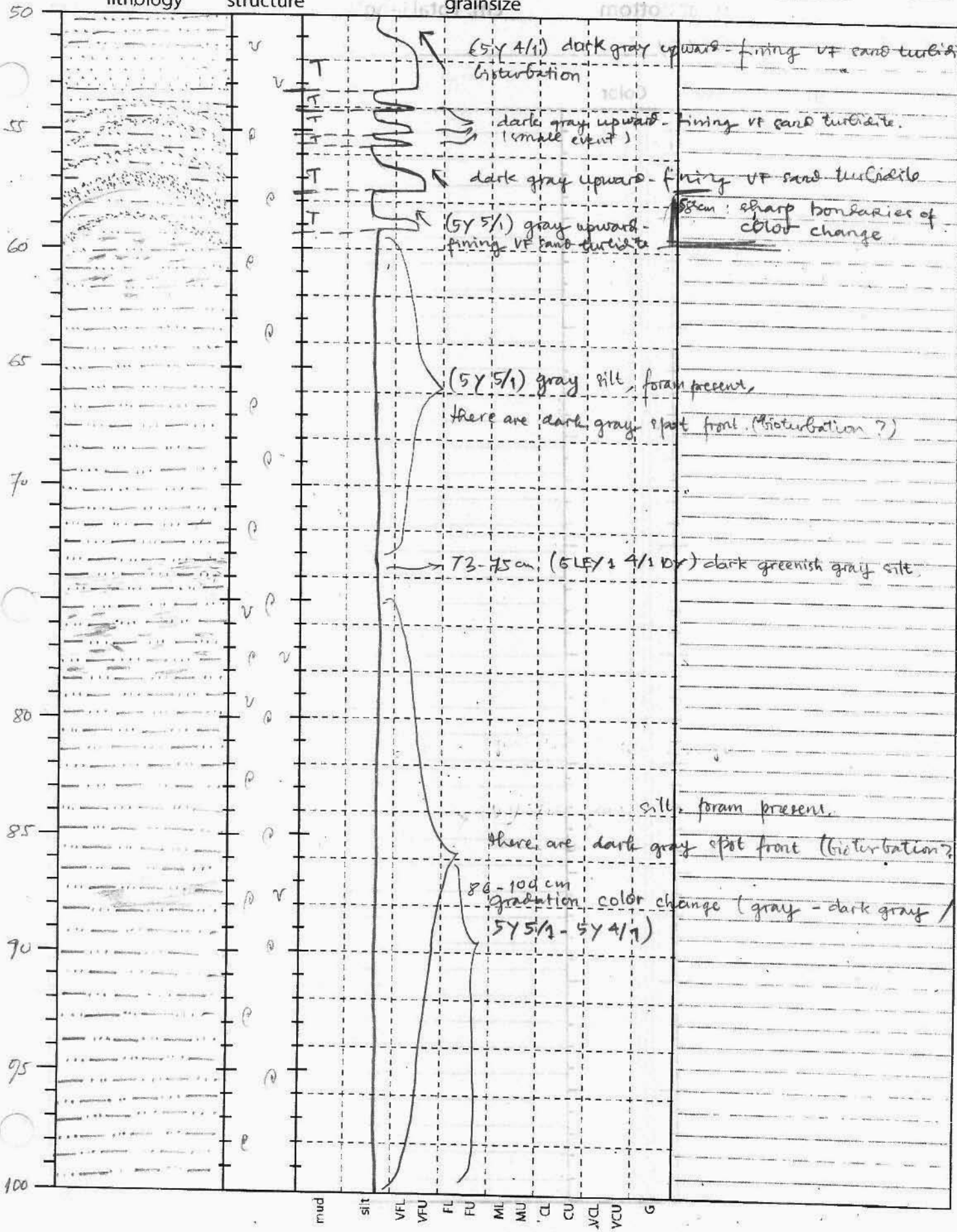
15 cm: (10YR 5/3) brown spot. (volcanic ash ?)

very dark grayish brown slightly oxidation front

31-43: (5Y 4/1) dark gray silt, foram

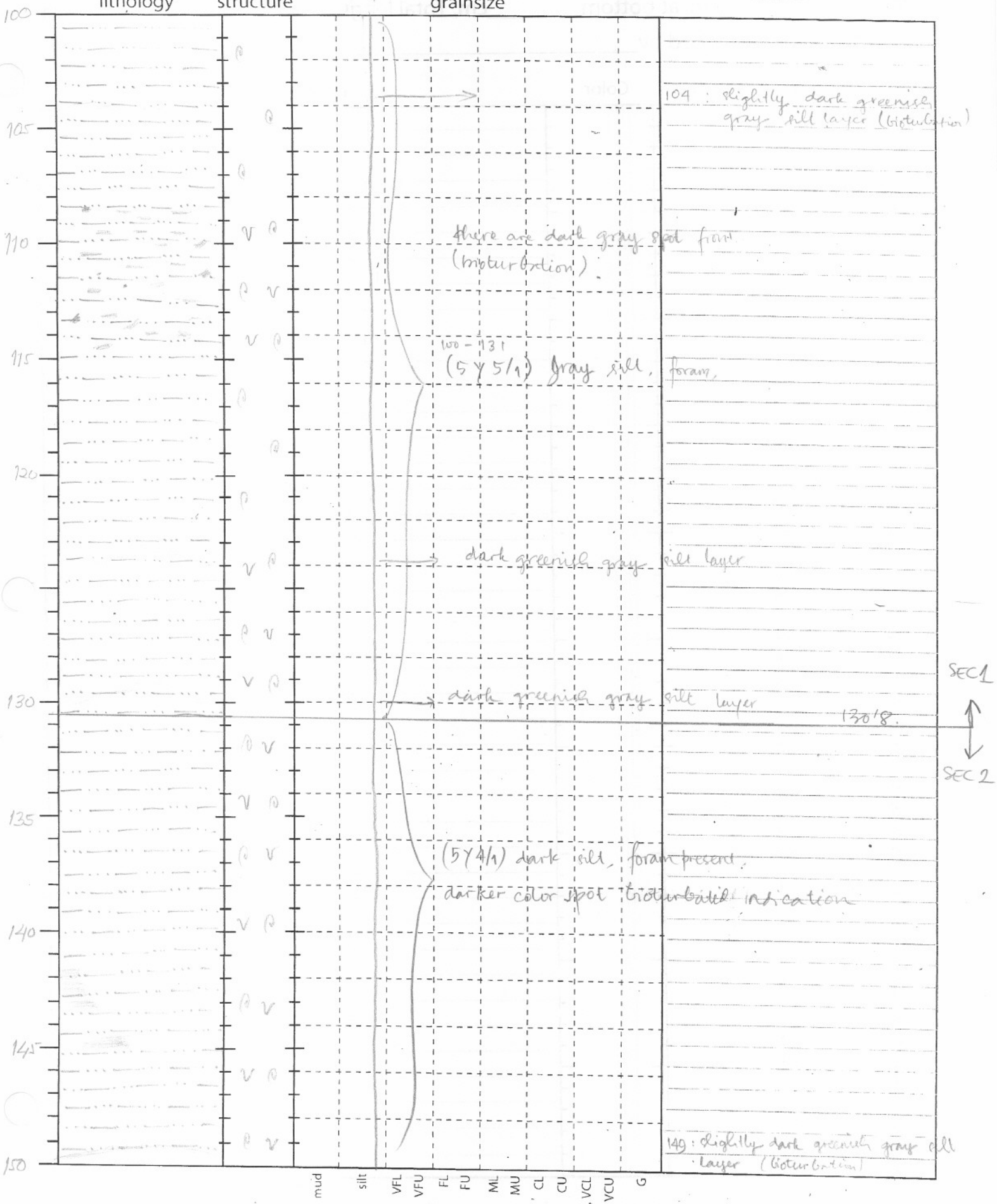
CORE LOG Core No. RR0705 - 63 PC Section No. 1 of 2 sheet 2 of 6

Date 29/05/07 Described by SAPTA Archive/Working



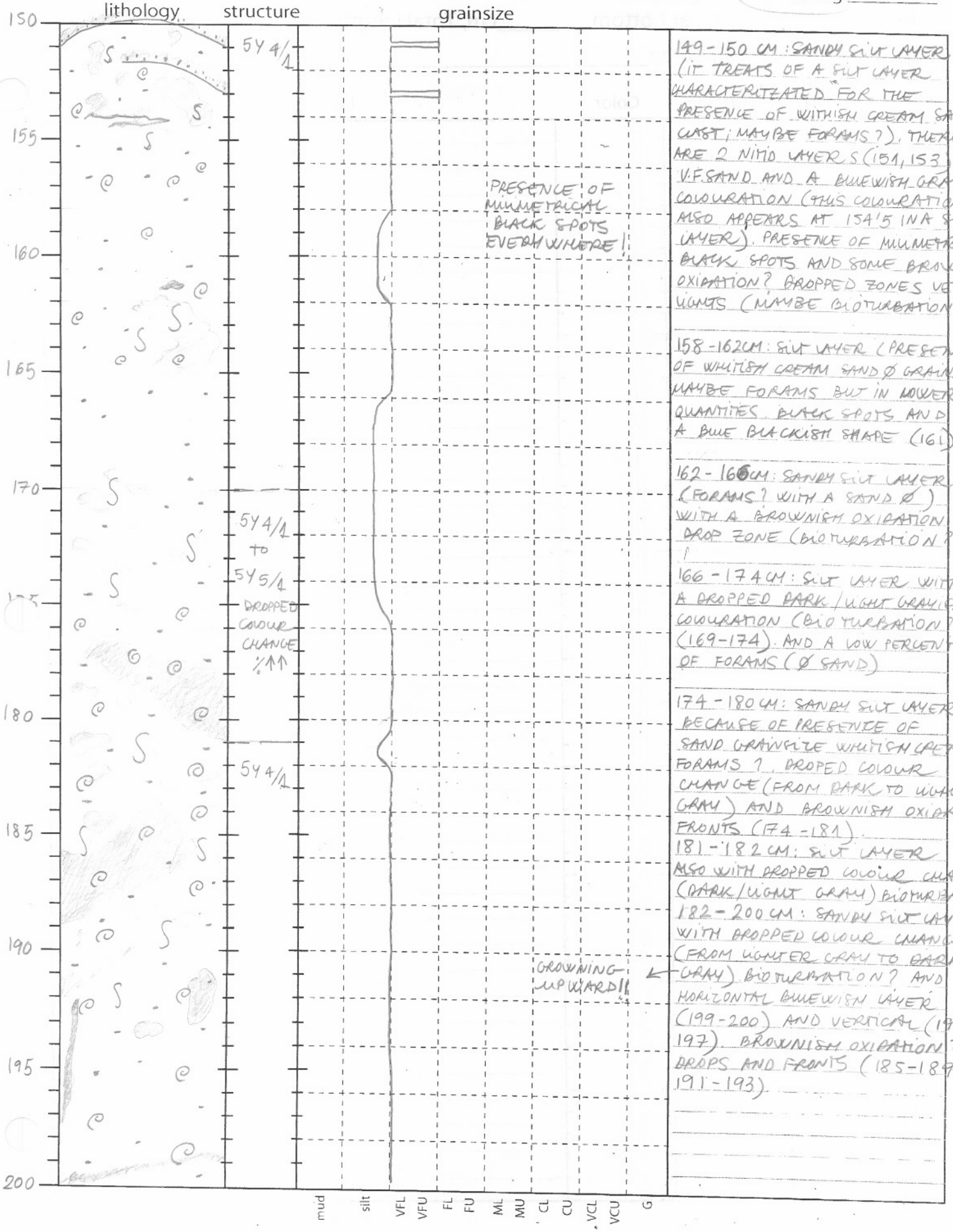
CORE LOG Core No. RR0705-63 PC Section No. 1 & 2 of 2 sheet 3 of 6

Date 29/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-63PC Section No. 2 OF 2 sheet 4 of 6

Date 29/05/07 Described by ZORAIDA Archive/Working



149-150 CM: SANDY SILT LAYER (IT TREATS OF A SILT LAYER CHARACTERIZATED FOR THE PRESENCE OF WITHISH CREAM SAND CAST; MAYBE FORAMS?). THERE ARE 2 MIMD LAYERS (151, 153) V.F SAND AND A BLUEWISH GRAY COLOURATION (THIS COLOURATION ALSO APPEARS AT 154'5 IN A SILT LAYER). PRESENCE OF MILIMETRICAL BLACK SPOTS AND SOME BROWNISH OXIDATION? DROPPED ZONES VERY LIGHTS (MAYBE BIOTURBATION?)

158-162CM: SILT LAYER (PRESENCE OF WHITISH CREAM SAND Ø GRAINS, MAYBE FORAMS BUT IN LOWER QUANTITIES BLACK SPOTS AND A BLUE BLACKISH SHAPE (161)

162-166CM: SANDY SILT LAYER (FORAMS? WITH A SAND Ø) WITH A BROWNISH OXIDATION DROP ZONE (BIOTURBATION?)

166-174 CM: SILT LAYER WITH A DROPPED DARK/LIGHT GRAYISH COLOURATION (BIOTURBATION?) (169-174) AND A LOW PERCENTUAL OF FORAMS (Ø SAND)

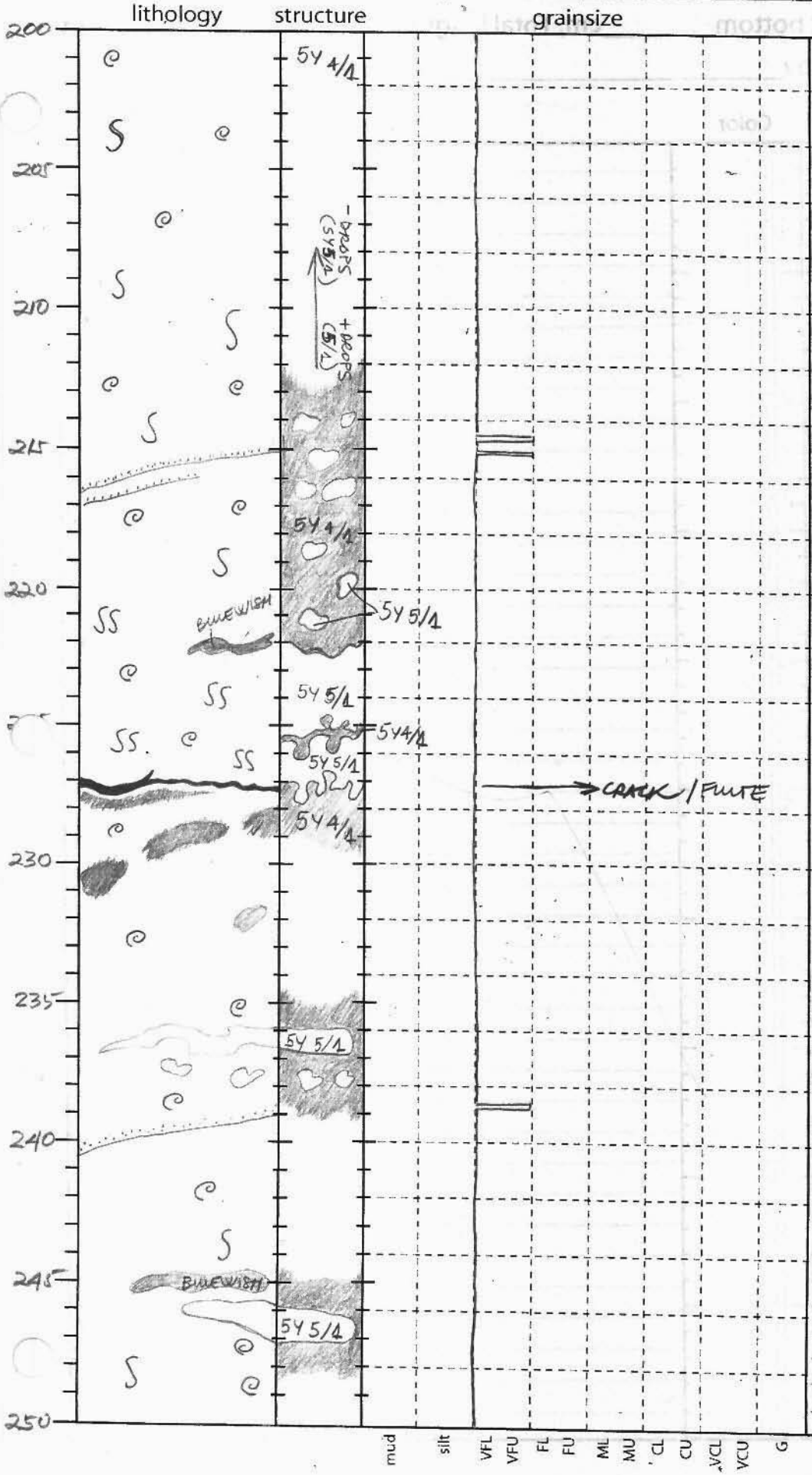
174-180 CM: SANDY SILT LAYER BECAUSE OF PRESENCE OF SAND GRAINSIZE WHITISH CREAM FORAMS?, DROPED COLOUR CHANGE (FROM DARK TO LIGHTER GRAY) AND BROWNISH OXIDATION? FRONTS (174-181).

181-182 CM: SILT LAYER ALSO WITH DROPPED COLOUR CHANGES (DARK/LIGHT GRAY) BIOTURBATION?

182-200 CM: SANDY SILT LAYER WITH DROPPED COLOUR CHANGES (FROM LIGHTER GRAY TO DARK GRAY) BIOTURBATION? AND HORIZONTAL BLUEWISH LAYER (199-200) AND VERTICAL (190-197) BROWNISH OXIDATION? DROPS AND FRONTS (185-189, 191-193).

CORE LOG Core No. RR0705 -63 PC Section No. 2 of 2 sheet 5 of 6

Date 29/05/07 Described by ZORAIDA Archive/Working



200-260 CM: SANDY SILT LAYER (5Y4/1) BECAUSE OF SAND GRAINSIZE FORAM? PRESENCE (CREAM COLOUR) THERE ARE THINS V.F SAND LAYERS (216'5 - 217 / 240'5)

200 - 222 CM: RECRESING UPWARD BIOTURBATED ZONE VISIBLE FOR THE PRESENCE OF DROPPED COLOUR (FROM DARK GRAY TO LIGHT GRAY IN THE DROPS) CHANGES

222 - 227 CM: LIGHTER COLOUR LAYER (GRAY) BECAUSE OF BIOTURBATION INCREASE?

(BLUE WISH COLOURATION LAYER) 222/245

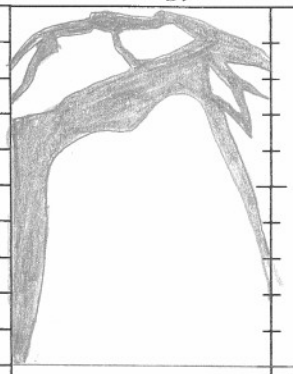
227 (CRACK)
228: DARK COLOURATED LAYER
228 - 232: LIGHT BROWNISH OXIDATION LAYER / DROPS

LIGHTER GRAY COLOURATION LAYERS (236-237 / 246-247). BIOTURBATION?

CORE LOG Core No. RR0705-63PC1 Section No. 2/2 sheet 6 of 6

Date 29/05/07 Described by TORMIDA Archive/Working

lithology structure grainsize



250-260: VERY FLUTED ZONE WITH THE SAME CHARACTERISTICS OF THE V.F SAND LAYER ABOVE.

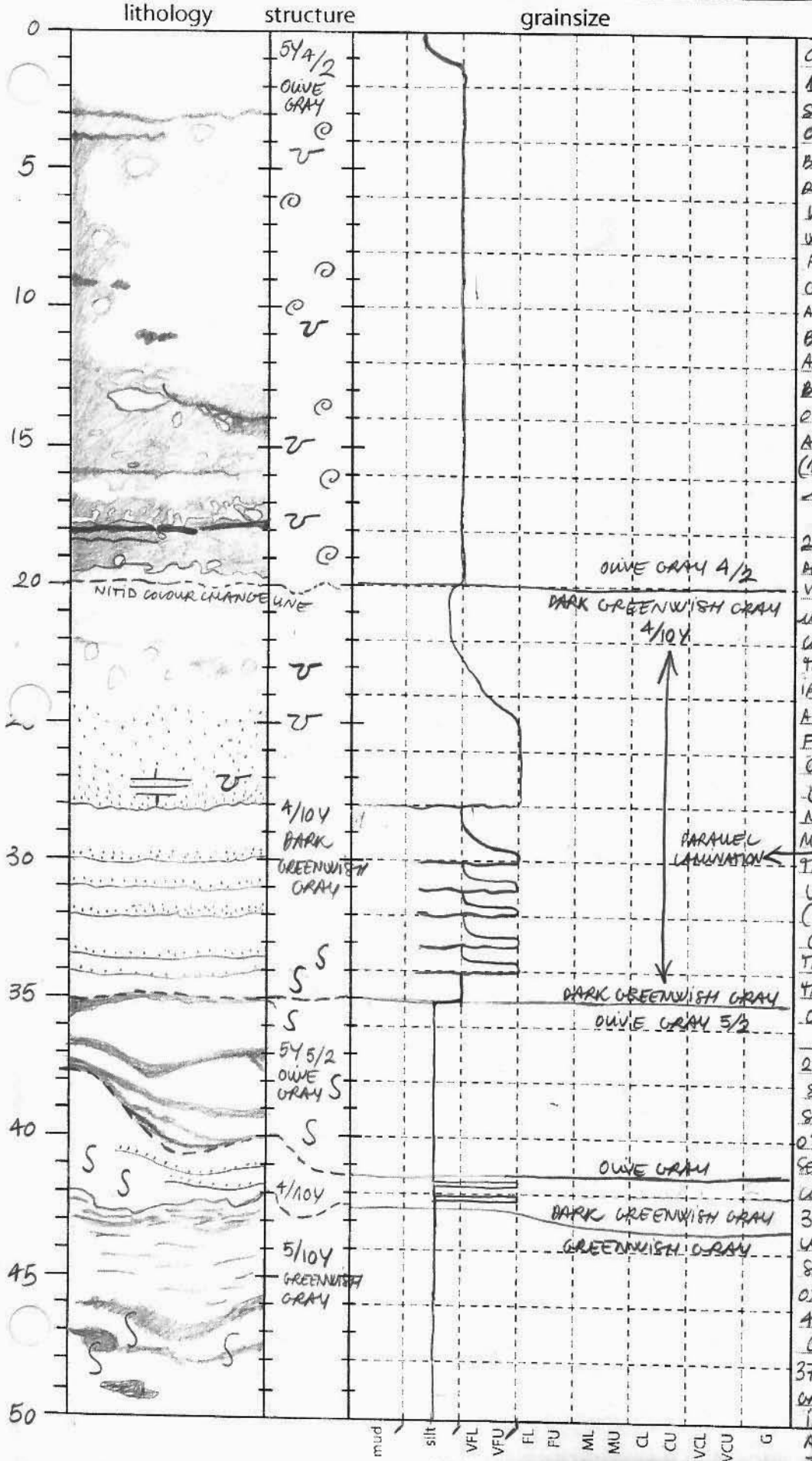
260 CM: END OF THE CORE.

250
255
260
265
270

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-63TC Section No. 1 (0-110 cm) sheet 1 of 3

Date 29/05/07 Described by ZORAIDA Archive/Working



0-1 CM: SILT LAYER (5Y 4/2)
1-19/5 CM: 5Y 4/2 (OLIVE GRAY) SANDY SILT LAYER (SANDY BECAUSE OF FORAMS PRESENCE). UPPER BOUNDARY (1 CM) GRAINSIZE DECREASING (DIFFUSE BOUNDARY) LOWER BOUNDARY (19/5-20 CM) WITH A NITID COLOUR CHANGE FROM OLIVE GRAY TO DARK GREENWISH GRAY. THERE ARE A LOT OF LIGHTER DROPS (7-16 CM) BIOTURBATION OR BURROWS? AND LIGHTER SHARPS LIKE BURROWS (16-18 CM). BROWNISH OXIDATION LAYERS (4-3/12-19/5) AND DARK BROWNISH OX? LAYERS (18 CM). THE OXIDATION DECREASE UPWARDS FROM (19/5 CM).

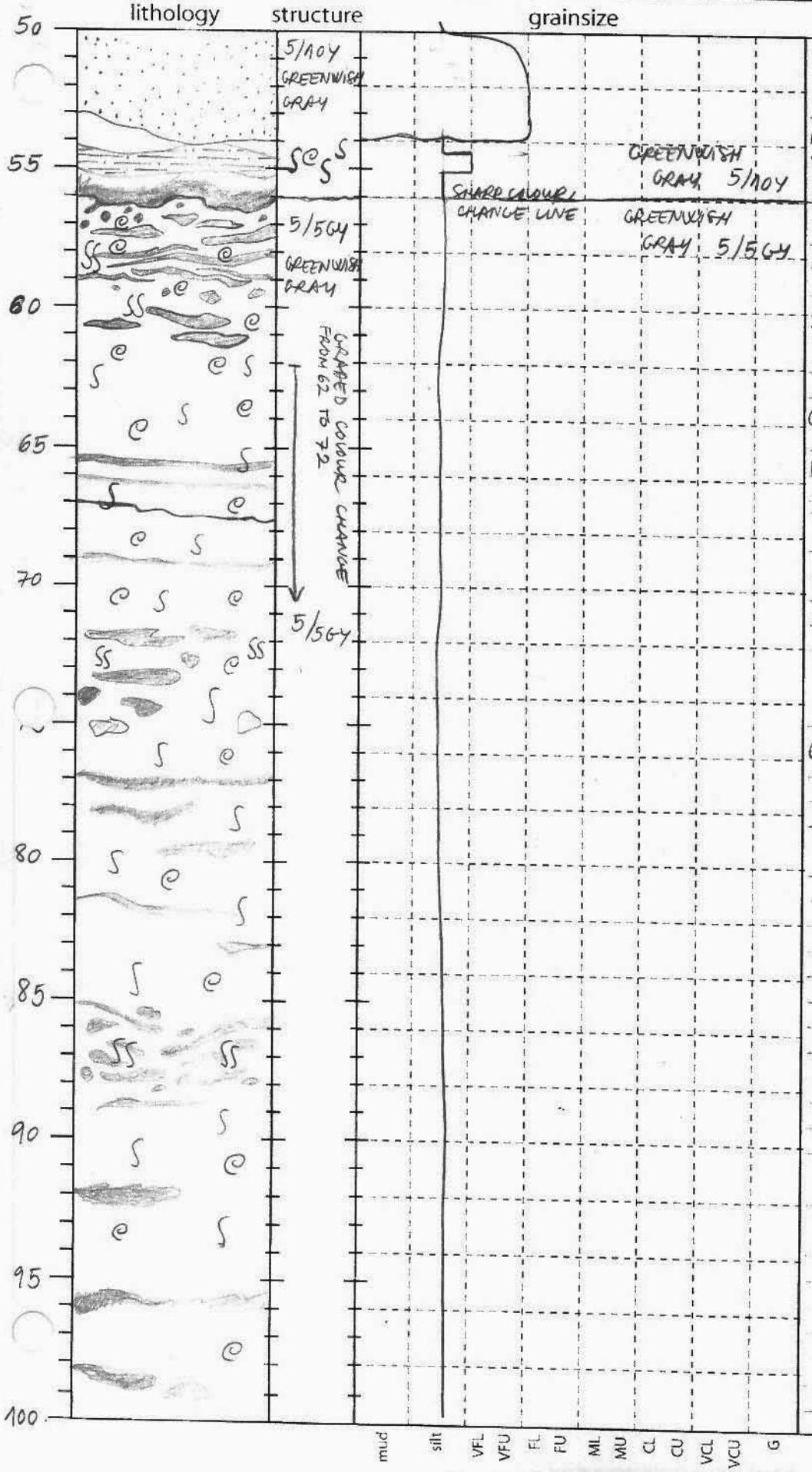
20-28 CM: DARK GREENWISH GRAY DECREASING GRAINSIZE SEQ (FROM V.F. SAND (~25-28) TO SILT (20-22). UPPER BOUNDARY WITH A NEAR COLOUR CHANGE (IRREGULAR) AND THE LOWER BOUNDARY (SHARP AND IRREGULAR) CHARACTERIZED BY A GRAINSIZE AND COLOUR CHANGE FROM SILT/SANDY SILT (DARK GREENWISH GRAY) TO V FINE SAND (DARKER BECAUSE OF BLACK MICAS). IN THE BOTTOM WHITE MICAS/FORAMS LAYER BELOW THE V.F SAND WITH BLACK MICAS LAYER. BROWNISH OXIDATED? ZONE (22-23) AND FROM THE TOP UNTIL (22) THE COLOURATION IS DARKER THAN THE REST ALSO SEEMS BY THE PRESENCE OF DROPPED COLOUR CHANGES BELOW. (BIOTURBATION?)

28-35 CM: REPETITION OF INTERLAYERED SANDY SILT / V.F SAND WITH THE SILT LAYERS LIGHTERS THAN THE OTHERS. AT THE BOTTOM OF THIS SEQUENCE THERE IS A GRAY LAYER COMPOSED BY GRAY DROPS (BIOTURBATION)
35-37/5/40 CM: OLIVE GRAY SILT LAYER WITH VERY NEAR COLOUR SHARP BOUNDARIES, BROWNISH OXIDATION? LAYERS (35/36/5/37/5/40), AND A DROPPED COLOUR CHANGES (BIOTURBATION?).
37/5-40-42 CM: DARK GREENWISH GRAY SILT LAYER WITH 2 V.F SAND INTERLAYERS. ALSO THERE IS AN A DROPPED COLOUR CHANGE ZONE (BIOTURBATION?)

42-53 CM: GREENWISH GRAY SEQ GRAINSIZE DECREASING UPWARD (FROM V.F. SAND IN THE BOTTOM TO SILT IN THE TOP. COLOUR CHANGES (FROM GRAY TO GREENWISH GRAY (BIOTURBATION?)

CORE LOG Core No. AR0705-63TC Section No. 1 (0-110 cm.) sheet 2 of 3

Date 29/05/07 Described by ZORAIDA Archive/Working



53-56: GREENWISH GRAY SILT LAYER WITH A IRREGULARS BOUNDARIES (THE UPPER BOUNDARY IS ERODED FOR THE NEXT ONE AND THE LOWER BOUNDARY SHOW A GRADED COLOUR CHANGE AN A BIOTURBATED BOUNDARY) THERE IS A GRAY COLOUR LAYERED GRADATION (LIGHTER ON THE SANDY SILT LAYER) ALSO THERE ARE DROPPED COLOUR CHANGES (BIOTURBATION?) FORAMS? IN THE SANDY SILT LAYER

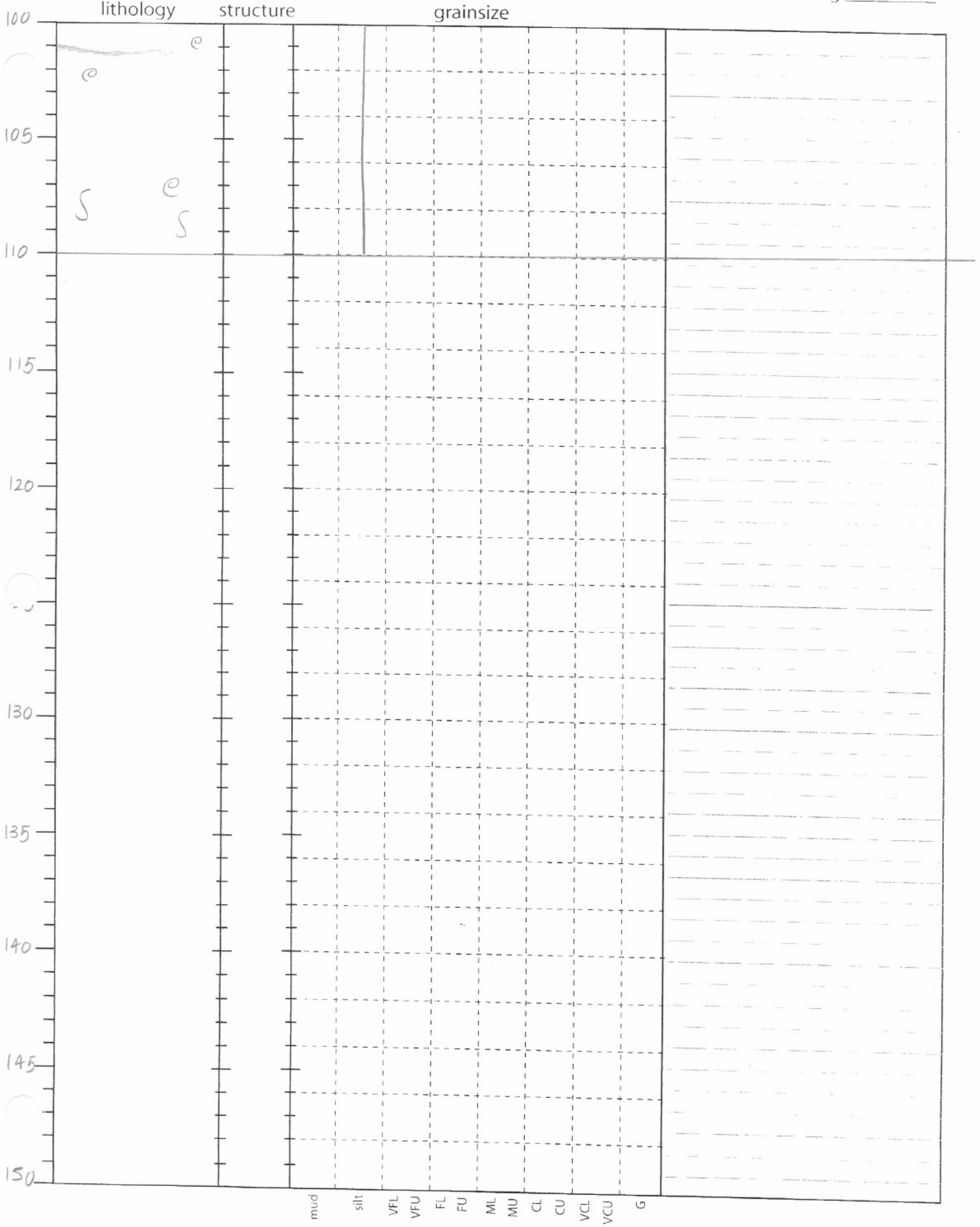
56-110; GREENWISH GRAY SILT WITH A LOT OF BIOTURBATION? (DROPPED / LAYERING COLOUR CHANGE 56-61/85-89). FORAMS?. GRADED COLOUR CHANGE FROM 5/5 GY TO 5/10Y (FROM TOP TO BOTTOM). DARK BLUEISH COLOURATION LAYERS (63'5 - 69).. IF WE CONSIDER THE PRESENCE OF FORAMS THIS LAYER CAN CHANGE A SANDY SILT LAYER

75/82-84/93/100-101.

LIGHT BROWNISH OXIDATION LAYERS (76-79/88/97/101)

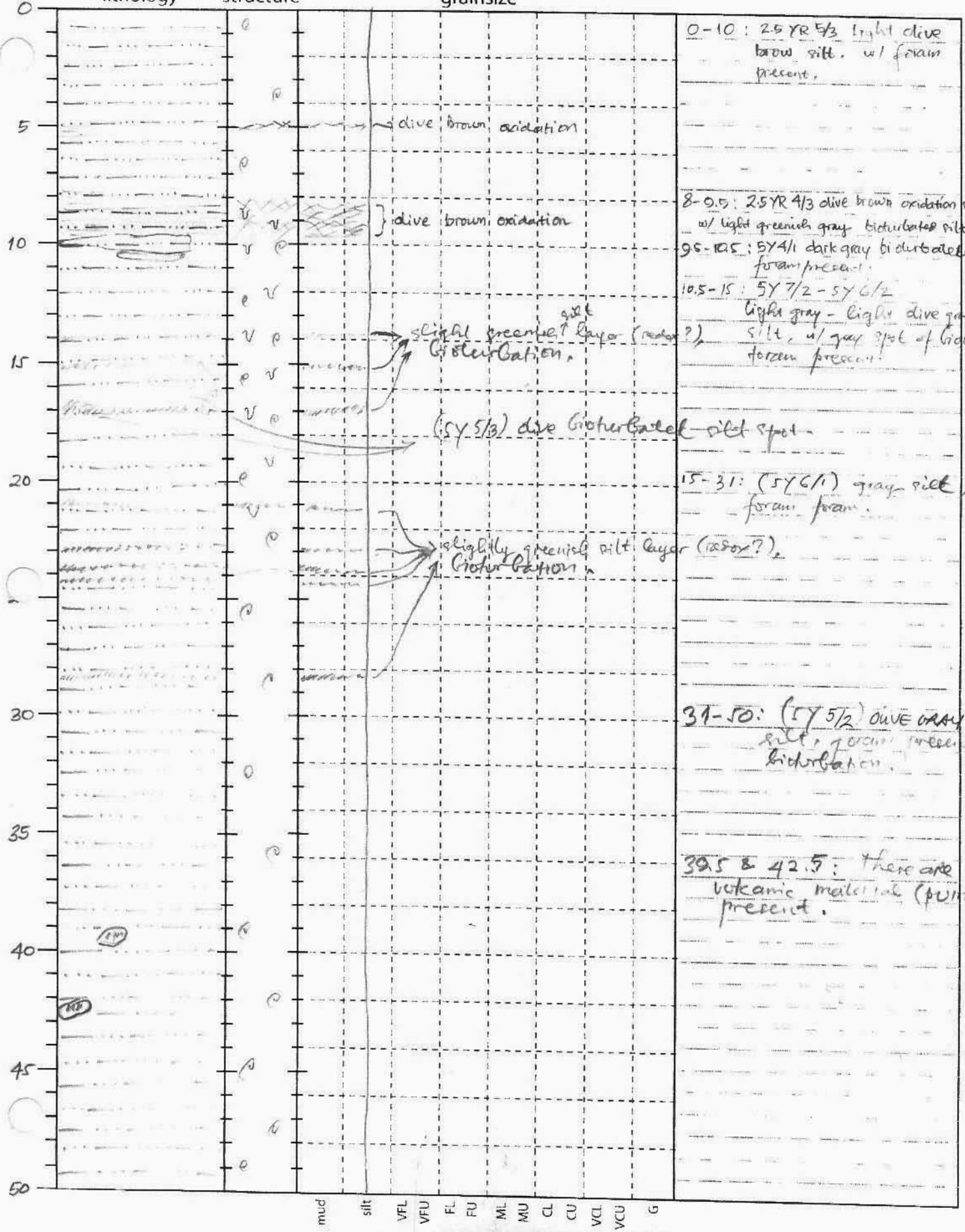
CORE LOG Core No. RR0705-63 TG1 Section No. 1 sheet 3 of 3

Date 29/05/07 Described by ~~ZORAIDA~~ Archive/Working



CORE LOG Core No. RR0705 - 64 GC Section No. 1 of 2 sheet 1 of 4

Date 31 / 05 / 07 Described by SAPTA Archive/Working



0-10 : 2.5 YR 5/3 light olive brow silt. w/ foram present.

8-9.5 : 2.5YR 4/3 olive brown oxidation silt w/ light greenish gray bioturbated silt spot

9.5-10.5 : 5Y 4/1 dark gray bioturbated silt foram present.

10.5-15 : 5Y 7/2 - 5Y 6/2 light gray - light olive gray silt, w/ gray spot of bioturbation. foram present.

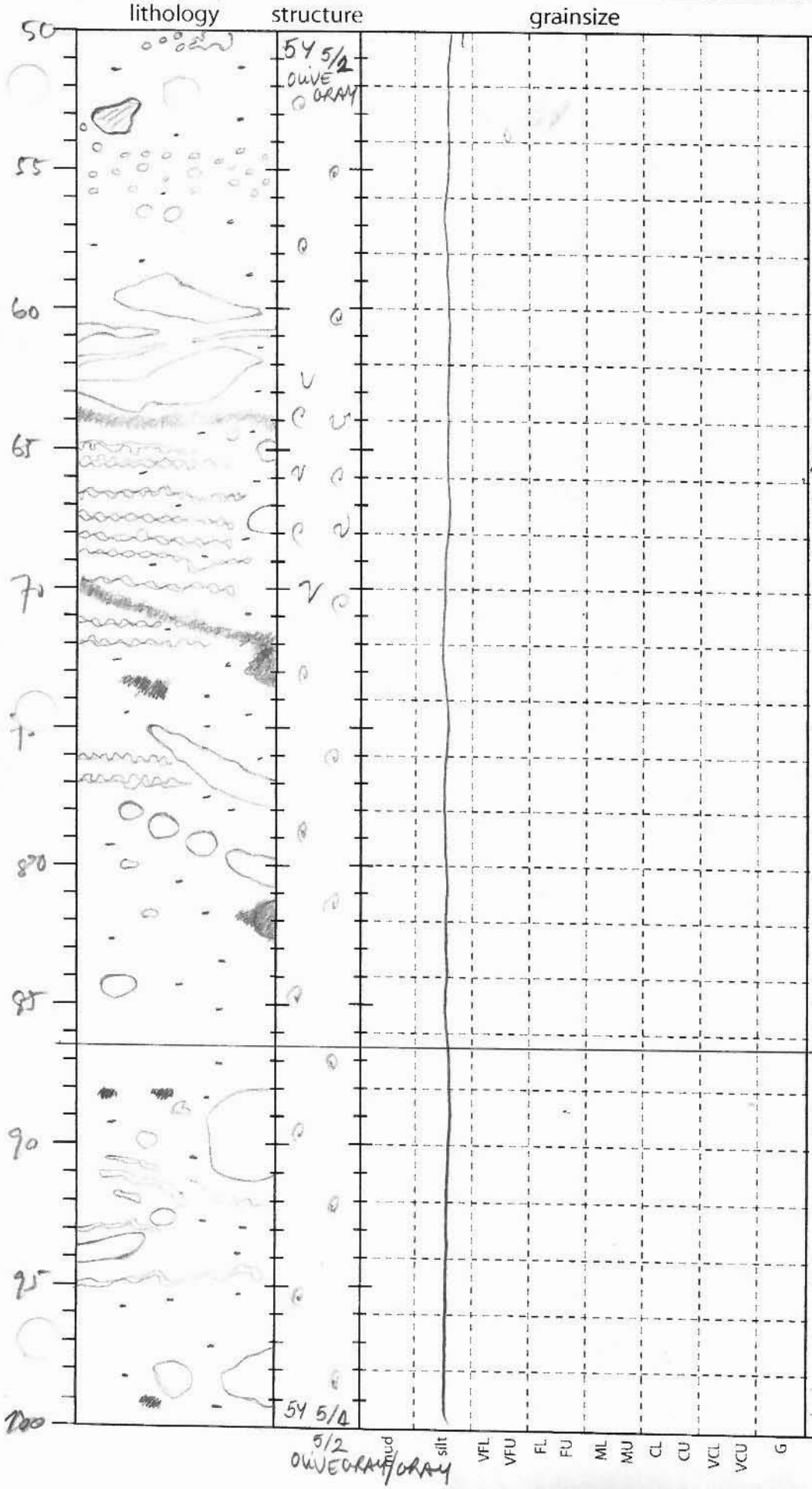
15-31: (5Y 6/1) gray silt, foram foram.

31-50: (5Y 5/2) olive gray silt, foram present & bioturbation.

39.5 & 42.5 : there are volcanic material (pumice?) present.

CORE LOG Core No. RRO705 - 64 GC Section No. 1 & 2 of 2 sheet 2 of 4

Date 31/05/07 Described by ZORAIDA Archive/Working



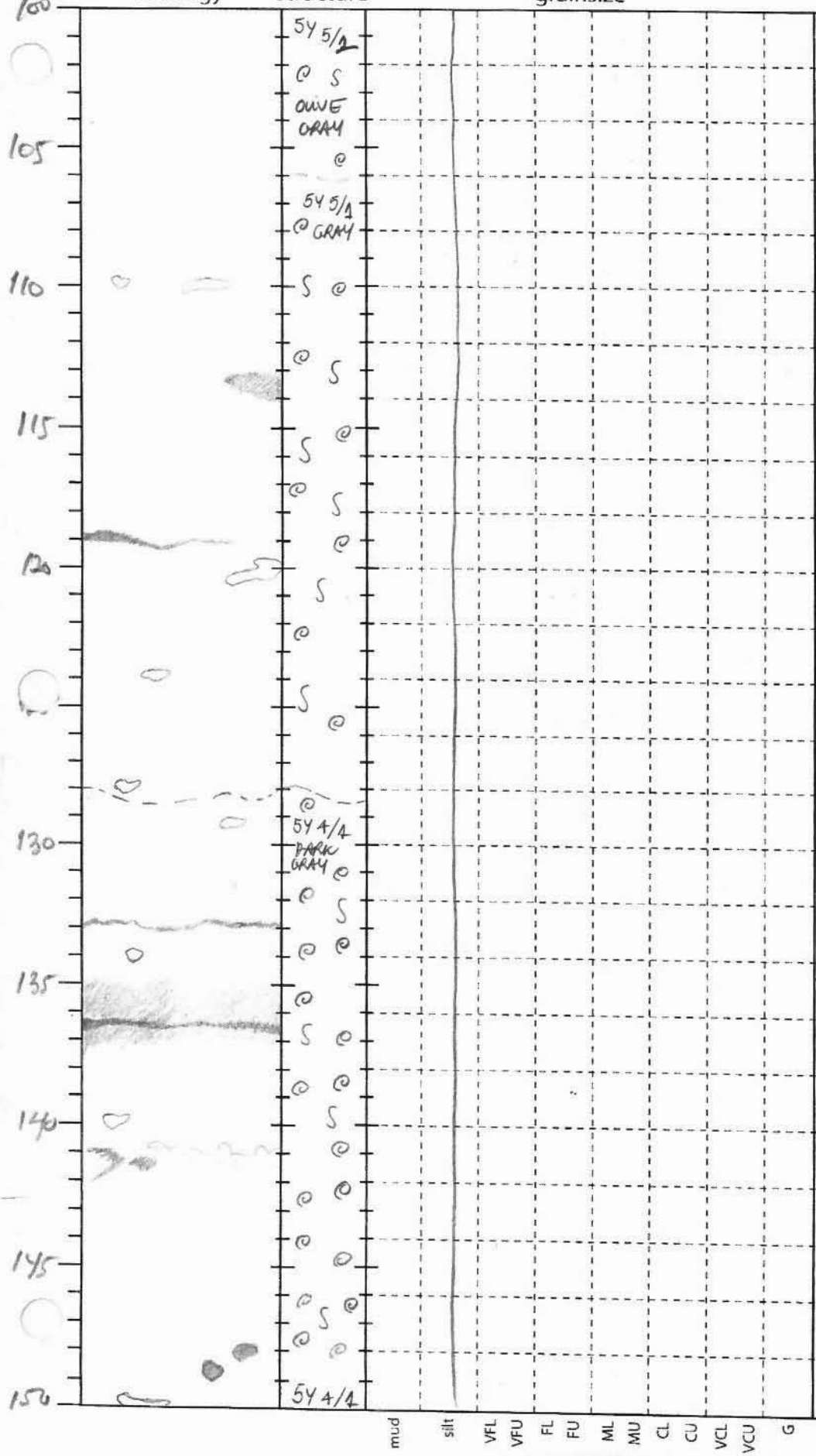
50-100 CM: CONTINUATION OF THE ANTERIOR SANDY SILT LAYER WITH DOWNWARD GRADED COLOUR CHANGE FROM 5Y 5/1 (OLIVE GRAY) TO 5Y 5/2 || 5/1 (OLIVE GRAY-GRAY) SANDY SILT LAYER (MEDIUM/COARSE GRAINSIZE SAND GRAINS IN A SILT MATRIX) THIS SAND GRAINS SEEMS FORAMS. IN GENERAL THE AMOUNT OF FORAMS? IS CONSTANT BUT ARE FORAMS ACCUMULATION ZONES (52-56/70-72/85/89) / LIGHT BROWNISH OXIDATION LAYERS (64/70-72/5/81-82). ALL THE ROUNDED ELONGATED SHAPES / BOUNDINAGED LAYERS AND BALLS BROWN REPRESENT BURROWS AND APPEARS WITH A LIGHT GRAY COLOURATION. BLACKISH COLOURATION SPOTS (74/89/98) AND - ALSO WE CAN SEE BLACK SPOTS (Ø=MILIMETRIC) IN ALL THE SECTION

52-54 CM: PUMICE FRAGMENT (VERY LIGHT WITH BLACK MICAS AND VERY VESICULATED). JUVENIL VOLCANIC GLASS.

SEC 1 ↑ 96'4 CM ↓ SEC 2.

CORE LOG Core No. RR0705 - 64GC Section No. 2 of 2 sheet 3 of 4

Date 31/05/07. Described by ZORAIDA Archive/Working



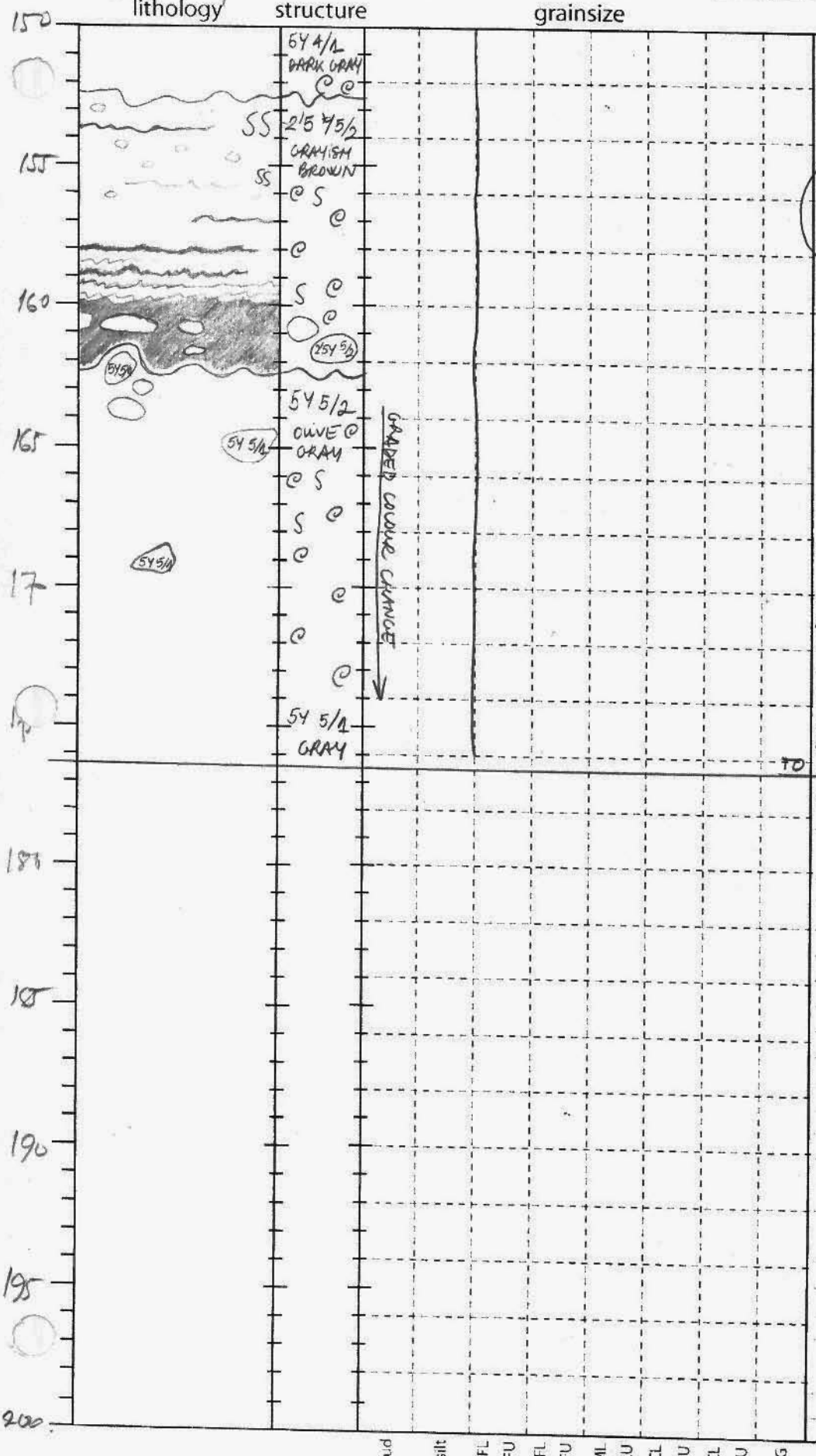
100 - 152/5 CM : THE SANDY SILT LAYER CONTINUED (SILT MATRIX WITH A MEDIUM/COARSE GRAINSIZE FORAMS) THE COLOR OF THIS PART CHANGE DOWNWARD FROM 5Y 5/1 (OLIVE GRAY) TO 5Y 4/1 (DARK GRAY) IS A GRADED COLOUR CHANGE. INCREASE THE AMOUNT (EYE NAKED OBSERVATION) OF FORAMS (DOWNWARD) FROM (133 CM) UNTIL THE END OF THE SECTION IT MAINTAIN CONSTANT.

LIGHT BROWNISH OXIDATION? LAYERS/SPOTS (113-114/119/133/135-137/141-142/148-149). CONTINUE TO APPEAR DROPPED COLOUR CHANGES (LIGHTER GRAY) BIOTURBATION

127-128 CM COLOUR CHANGE LAYER (LIGHTER ABOVE AND DARKER GRAY BELOW) FROM 5Y 5/1 (GRAY) TO 5Y 4/1 (DARK GRAY) BELOW. MORE OR LESS COINCIDING WITH THE INCREASE OF FORAMS AMOUNT.

CORE LOG Core No. AR0705 - 54GC Section No. 2 of 2 sheet 4 of 4

Date 31/05/07 Described by ZORAIDA Archive/Working



-152'5 CM: SHARP COLOUR CHANGE FROM 5Y 4/1 (DARK GRAY) UP TO 2/5Y 5/2 (GRAYISH BROWN) DOWN. IRREGULAR COLOUR BOUNDARY.

(152'5 UNTIL END OF THE SECTION (MAYBE IT TREAT OF A REPETITION OF THE FIRST PART (THE BEGINNING OF THE SECTION 1).

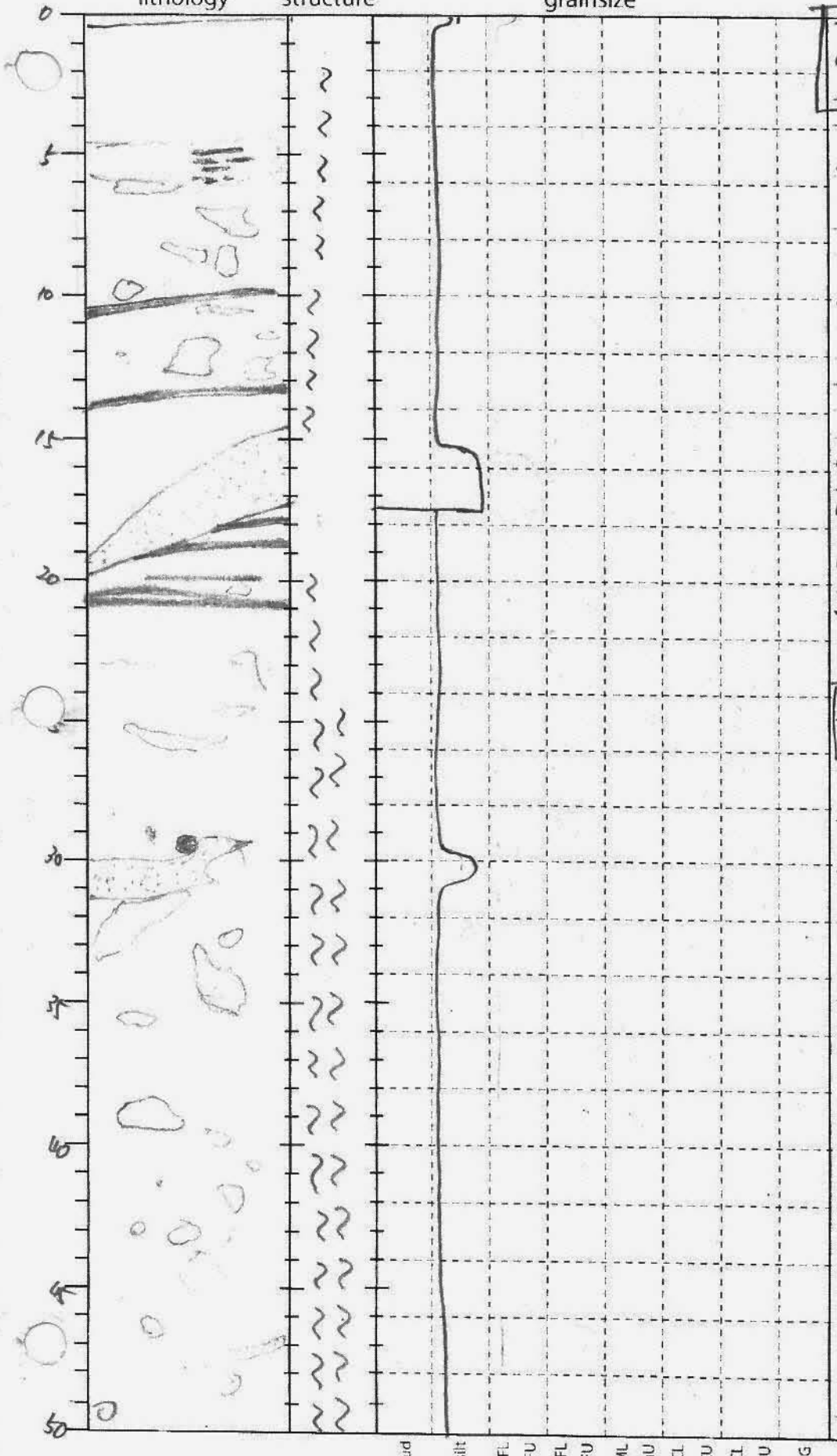
152'5 - 162'5 CM: GRAYISH BROWN SANDY SILT (SILT MATRIX WITH A MEDIUM / COARSE GRAINSIZE GRAINS "FORAMS". BROWNISH OXIDIZED LAYERS (153'5 / 155'5 - 162). ELONGATED ROUNDED SHAPES WITH A LIGHTER GRAYISH BROWN COLOUR THAN THE REST OF THE LAYER, (BIOTURBATION). THE 2 BOUNDARIES ARE CHARACTERIZATEDS FOR SHARPS AND IRREGULARS COLOUR CHANGES AND ENVOLVE IS FOR MUCH BIOTURBATION.

162'5 - 176'4 CM: OLIVE GRAY FROM GRAY SANDY SILT LAYER (SILT MATRIX WITH MEDIUM / COARSE SAND GRAINSIZE FORAMS). GRADED COLOUR CHANGES FROM TOP (OLIVE GRAY) GRAY IN THE BOTTOM. BIOTURBATION

176'4 CM: END OF THE COLOUR

CORE LOG Core No. RR0705-65TC Section No. 1 sheet 1 of 3

Date 30/05/2007 Described by Ken (Archive/Working)



TOP & 0-0.2cm: 2.5Y5/1 silt (ash)

0.2-23cm: 5Y5/1 silt bioturbated with greenish layers & c.silt layer.

foram bearing

5-6.2: greenish

10-10.5: greenish

13-13.5: greenish

15.3-17.5cm: 5Y5/1 c.silt upper & lower boundaries sharp

17.6-17.8
18.7-19
19.8-20.1
20.8-21.1
} greenish

color boundary indistinct & gradual

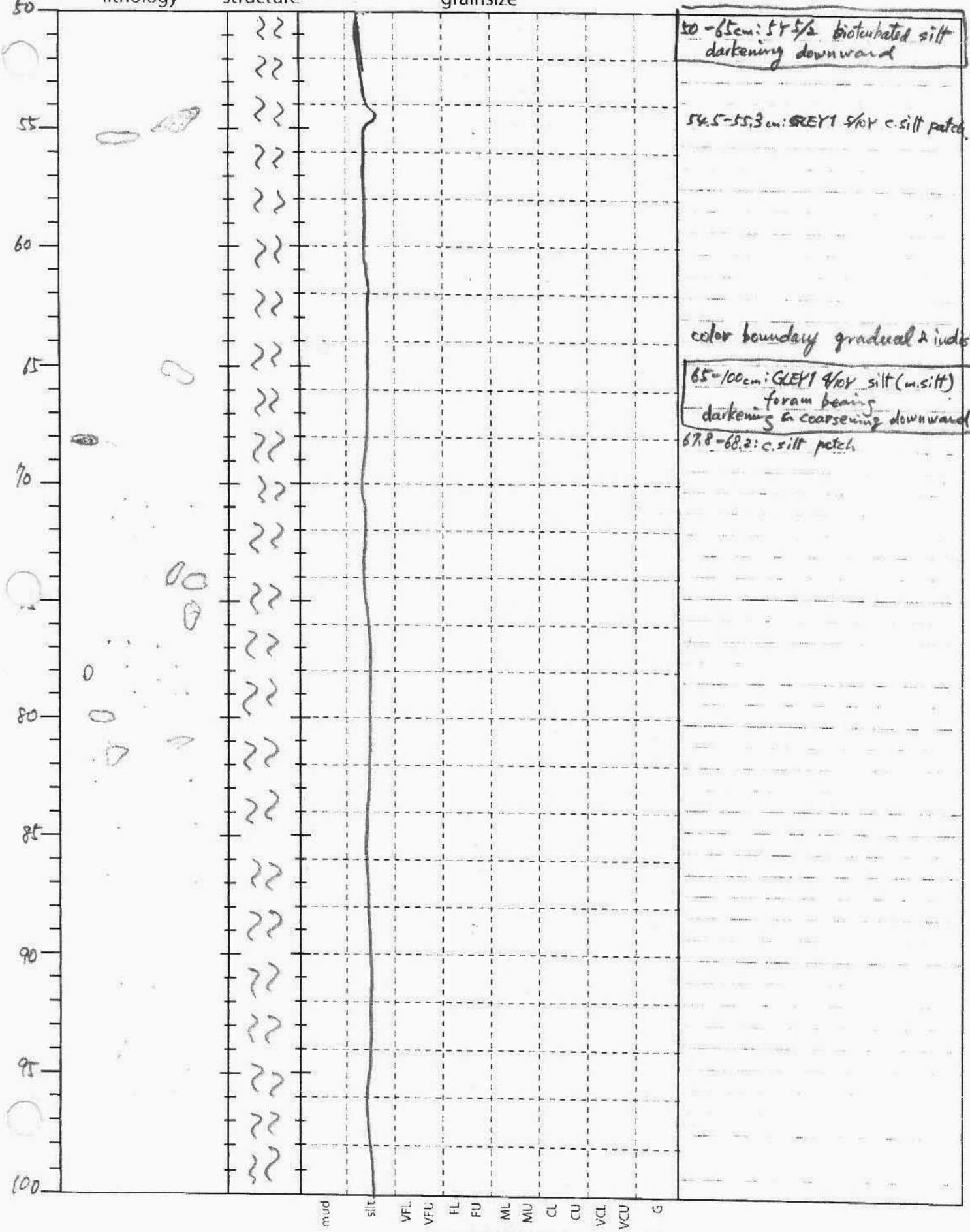
23-30cm: 5Y4/2 bioturbated silt foram bearing with c.silt patch.

29-30cm: gravel (1cm ϕ subangular)

29.5-31.5cm: 5Y5/1 c.silt bioturbated irregular shape

CORE LOG Core No. RR0705-65TC Section No. 1 sheet 2 of 3

Date 30/05/2007 Described by Ken Archive/Working



50-65cm: 5Y 5/2 bioturbated silt darkening downward

54.5-55.3 cm: GLEY1 5/10Y c.silt patch.

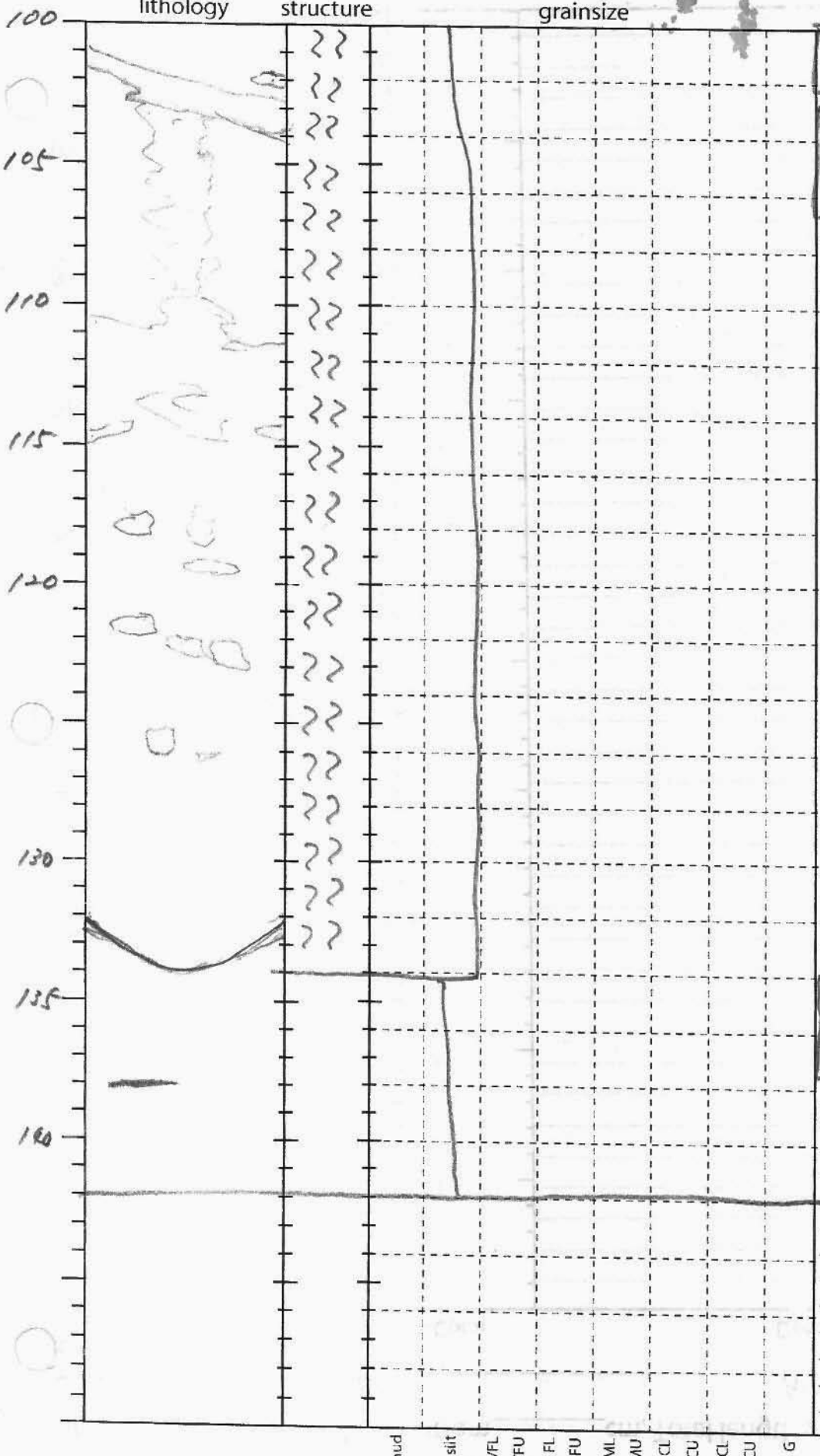
color boundary gradual & indistinct.

65-100cm: GLEY1 4/10Y silt (m.silt) foram bearing darkening & coarsening downward

67.8-68.2: c.silt patch

CORE LOG Core No. RR0705-65TC Section No. 1 sheet 4 of 4

Date 30/05/2007 Described by Kei Archive/Working



100-101cm: GLEY1 3/10Y silt (m.silt) foram bearing bioturbated

boundary indistinct, gradual

101-138cm: coarser (v.f.s.-sized gran scattered)
GLEY1 3/10Y silt (m.silt) foram bearing bioturbated

107.5-111: less sandy

sharp boundary ← multiple?

132.8-133: 10YR 6/2 c.silt (ash) only both sides

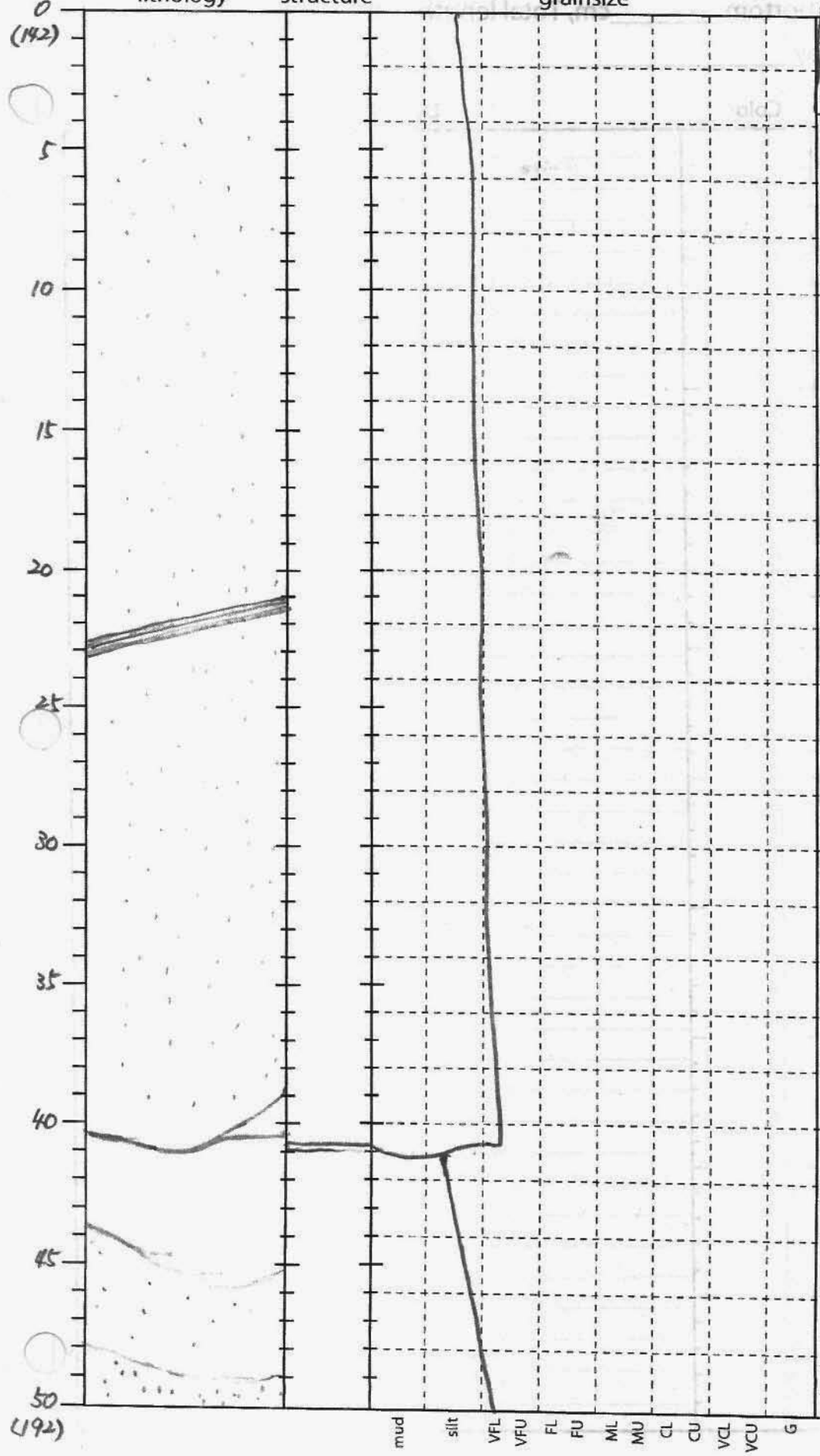
134-142cm: 5Y 4/1 silt
foram bearing

138-138.2: greenish.

142 cm

CORE LOG Core No. RR0705-65TC Section No. 2 sheet 1 of 3

Date 30/05/2007 Described by Ken Archive/Working



0-41.2cm: GLEY1 3/10Y m.silt foram & v.f.s-sized grain rich darkening downward

21.8-22.0: c.silt layer

22.2-22.4: c.silt layer

38.8-41: discontinuous surface multiple?

38.8-40.5: GLEY1 5/10Y silt (ash rich)

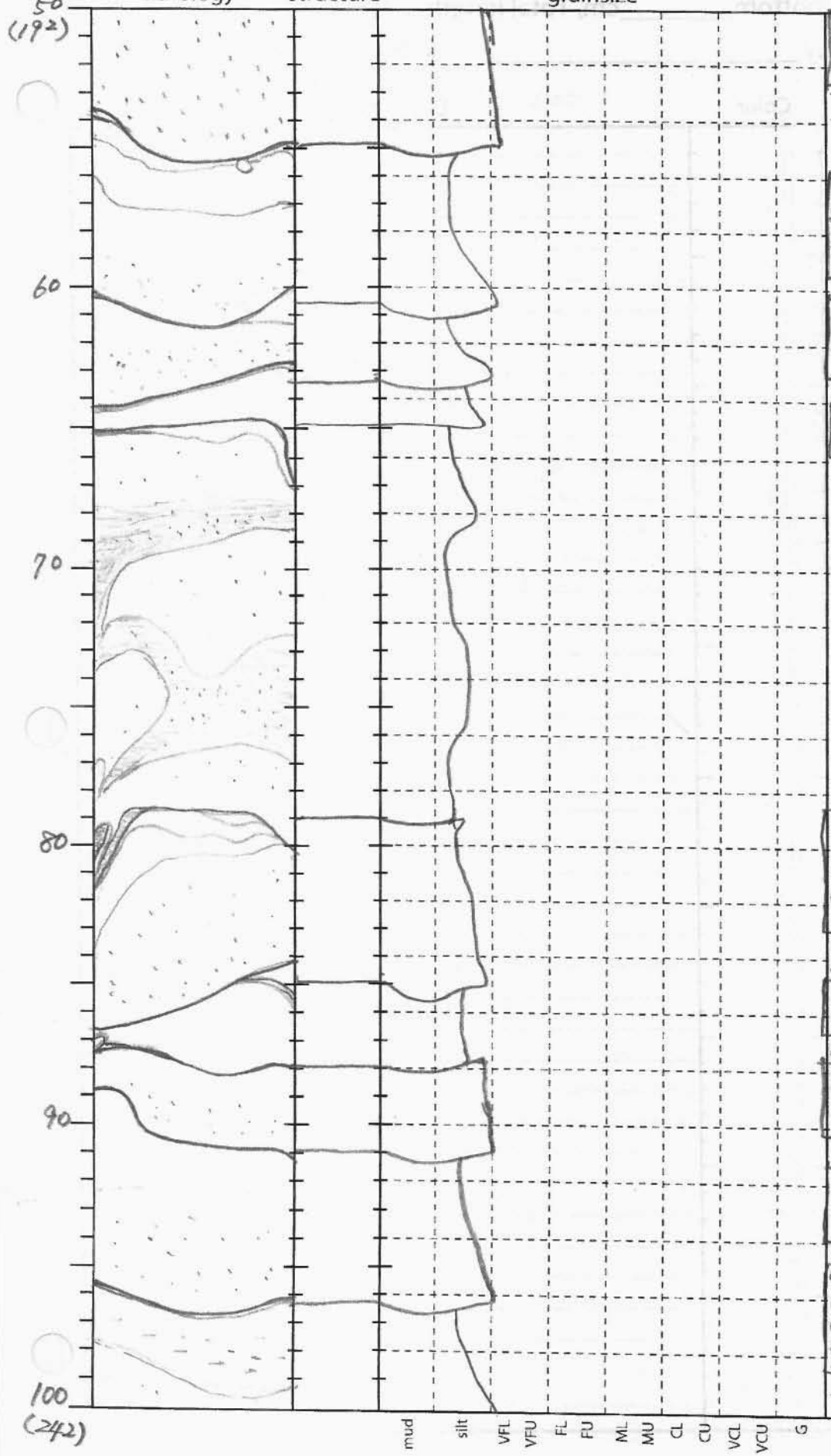
40.5-45.2: 5Y4/2 silt foram bearing

45.2-48.5: GLEY1 3/10Y silt foram bearing

48.5-50: GLEY1 3/N c.silt foram rich v.f.s grain bearing

CORE LOG Core No. RR 0705-65TC Section No. 2 sheet 2 of 3

Date 30/05/2007 Described by Ken Archive/Working



50-55.3: GLEY1 3/N c.silt foram rich v.f.s. grain bearing

53.7-55.3: discontinuous surface multiple?

55.3-55.6: 10YR 5/2 silt

55.6-59.6: GLEY1 5/10Y silt

59.6-60.6: GLEY1 3/10Y c.silt foram bearing

60-61.6: discontinuous surface - multiple?

60-61.4: GLEY1 5/10Y silt

61.4-63: GLEY1 3/10Y c.silt foram rich

63-64.3: discontinuous surface - multiple?

63.1-63.2: GLEY1 5/10Y silt

63.2-64.8: GLEY1 3/10Y c.silt

64.8-67: discontinuous surface multiple? (foram rich)

64.8-65.2: GLEY1 5/10Y silt

65.2-78.3: distorted layers 5Y 4/1 silt on GLEY1 3/10Y c.silt (foram bearing) (shaded)

78.3-81.5: discontinuous surface - multiple?

78.3-79: 10YR 5/2 c.silt (ash) lense

79-79.5: GLEY1 5/10Y silt

79.5-80.2: GLEY1 4/10Y silt

80.2-86.5: GLEY1 3/10Y c.silt foram rich v.f.s. grain bearing

86.7-87: discontinuous surface - multiple?

86.1-86.2: 10YR 5/2 c.silt

86.2-88.3: GLEY1 5/10Y silt

87.2-88.3: discontinuous surface - multiple?

87.9-88: GLEY1 5/10Y silt lense

88-91: GLEY1 3/10Y c.silt foram & v.f.s grains bearing

88.9-91.2: discontinuous surface - multiple?

91-92: GLEY1 4/10Y silt lower boundary indistinct

92-96.8: GLEY1 3/10Y c.silt foram rich v.f.s. grains bearing

96-96.8: discontinuous surface - multiple?

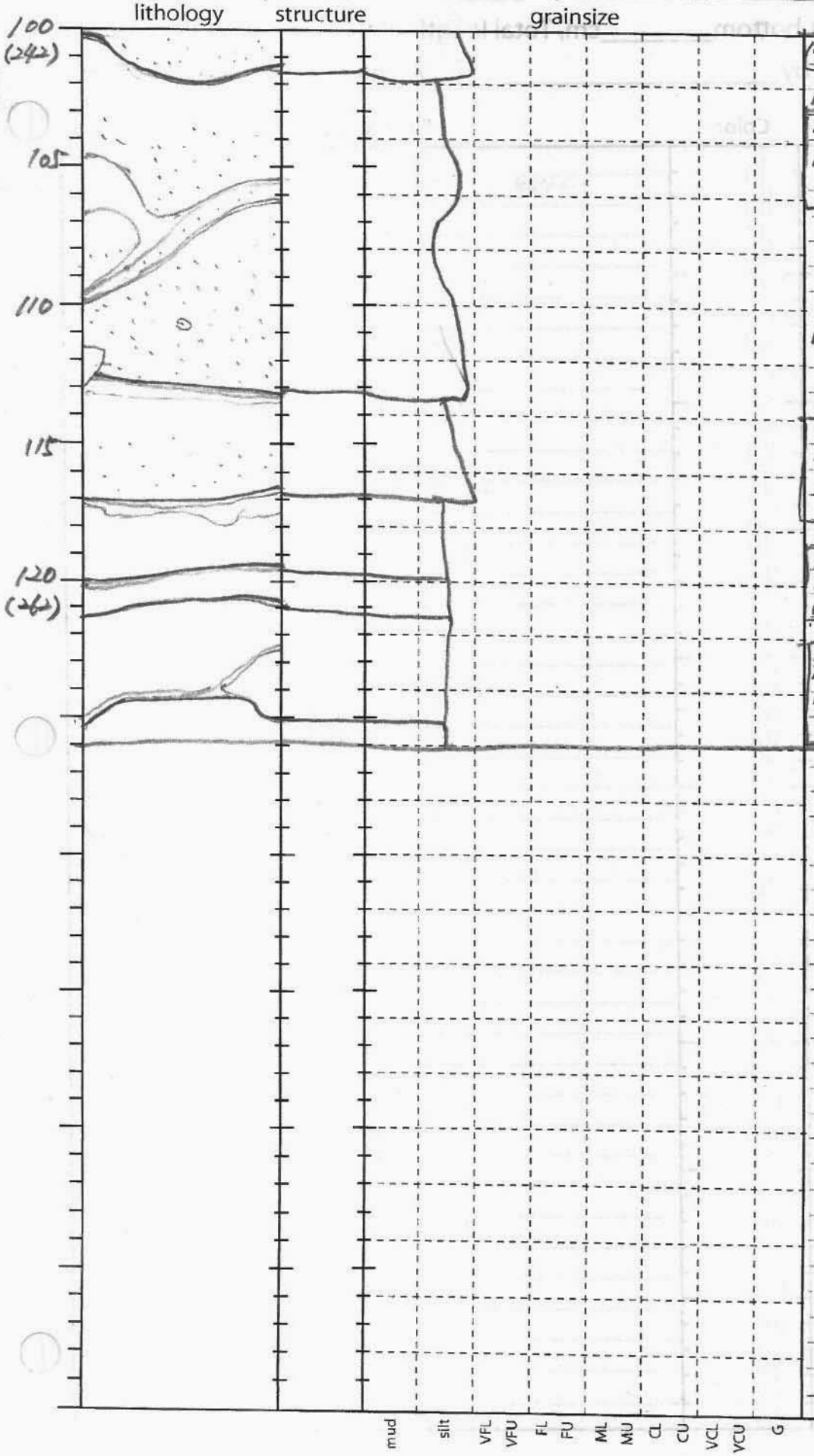
96.8-96.9: GLEY1 5/10Y silt

96.9-99.8: GLEY1 4/10Y silt with c.silt patches lower boundary indistinct.

99.8-100: GLEY1 3/10Y c.silt

CORE LOG Core No. RR0705-65TC Section No. 2 sheet 3 of 3

Date 30/05/2007 Described by Ken Archive/Working



100-102: GLEY1 5/10Y c.silt with foram

102.5-102: discontinuous surface - multiple?

102-102.1: GLEY1 5/10Y silt

102.1-112.7: distorted layer.
GLEY1 4/10Y silt & GLEY1 3/10Y c.silt foram rich

110.8-111.1: large benthic foram

112.5-113.1: discontinuous surface - multiple?

112.7-112.8: 10YR5/2 c.silt

112.8-113.2: GLEY1 5/10Y silt

113.2-117: GLEY1 3/10Y c.silt
foram & v.f.s. grain bearing

116.4-117: discontinuous surface - multiple?

117-117.2: 10YR5/2 silt

117.2-117.9: 5Y5/2 silt

117.9-119.6: 5Y4/1 silt

119.5-120: discontinuous surface multiple?

120-120.2: GLEY1 5/10Y silt

120.2-120.6: 5Y4/1 silt

120.6-120.7: GLEY1 5/10Y silt

120.7-124: 5Y4/1 silt

124-126: 10YR5/2 silt

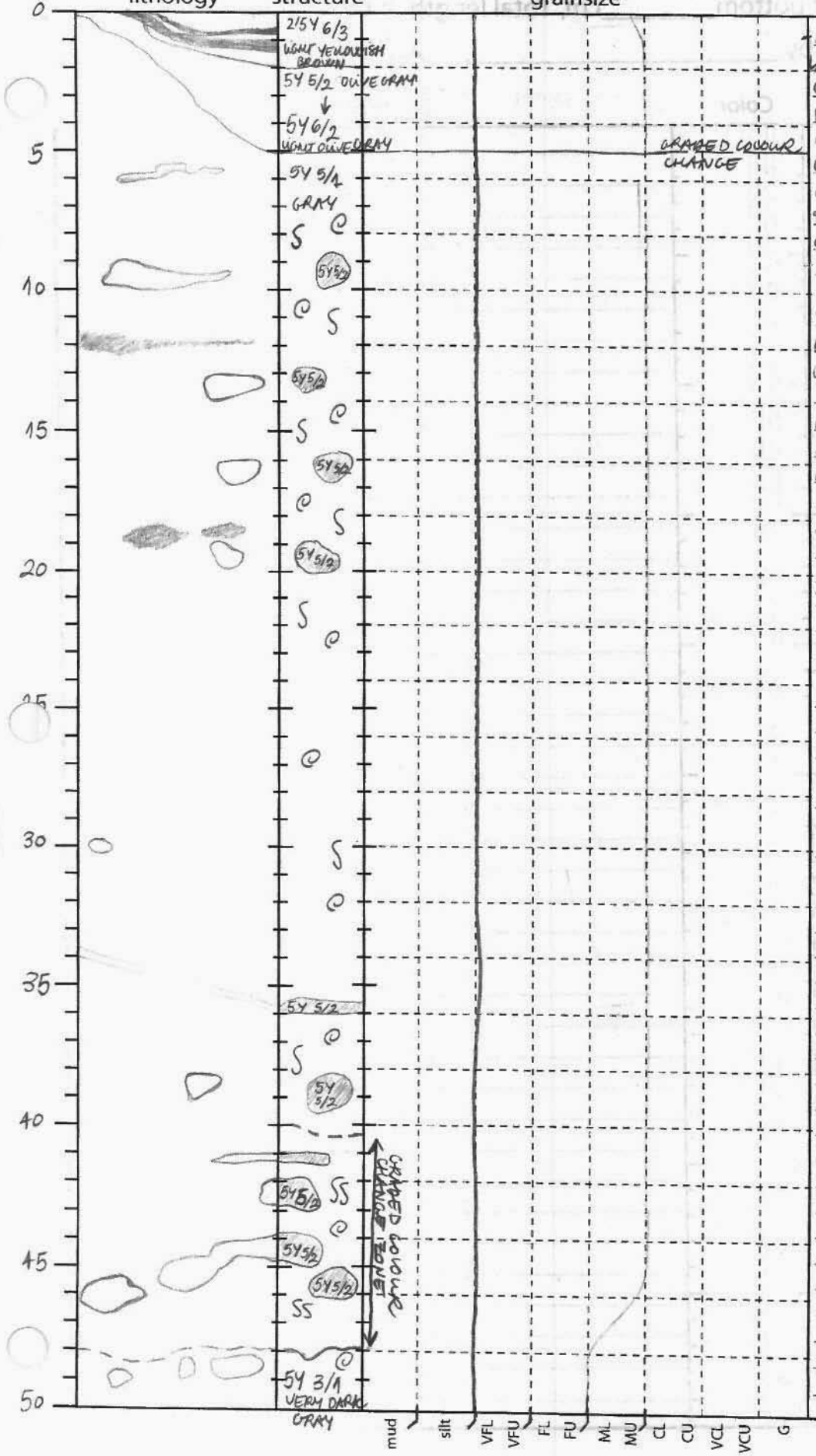
120.5-121.2: discontinuous surface multiple?

124: discontinuous surface - multiple?

1-20 cm

CORE LOG Core No. RR0705-65PC Section No. 1/4 (0-71.5CM) sheet 1 of 5

Date 30/05/07 Described by ~~ZORAIDA~~ Archive/Working



WITH MEDIUM SAND GRAINS

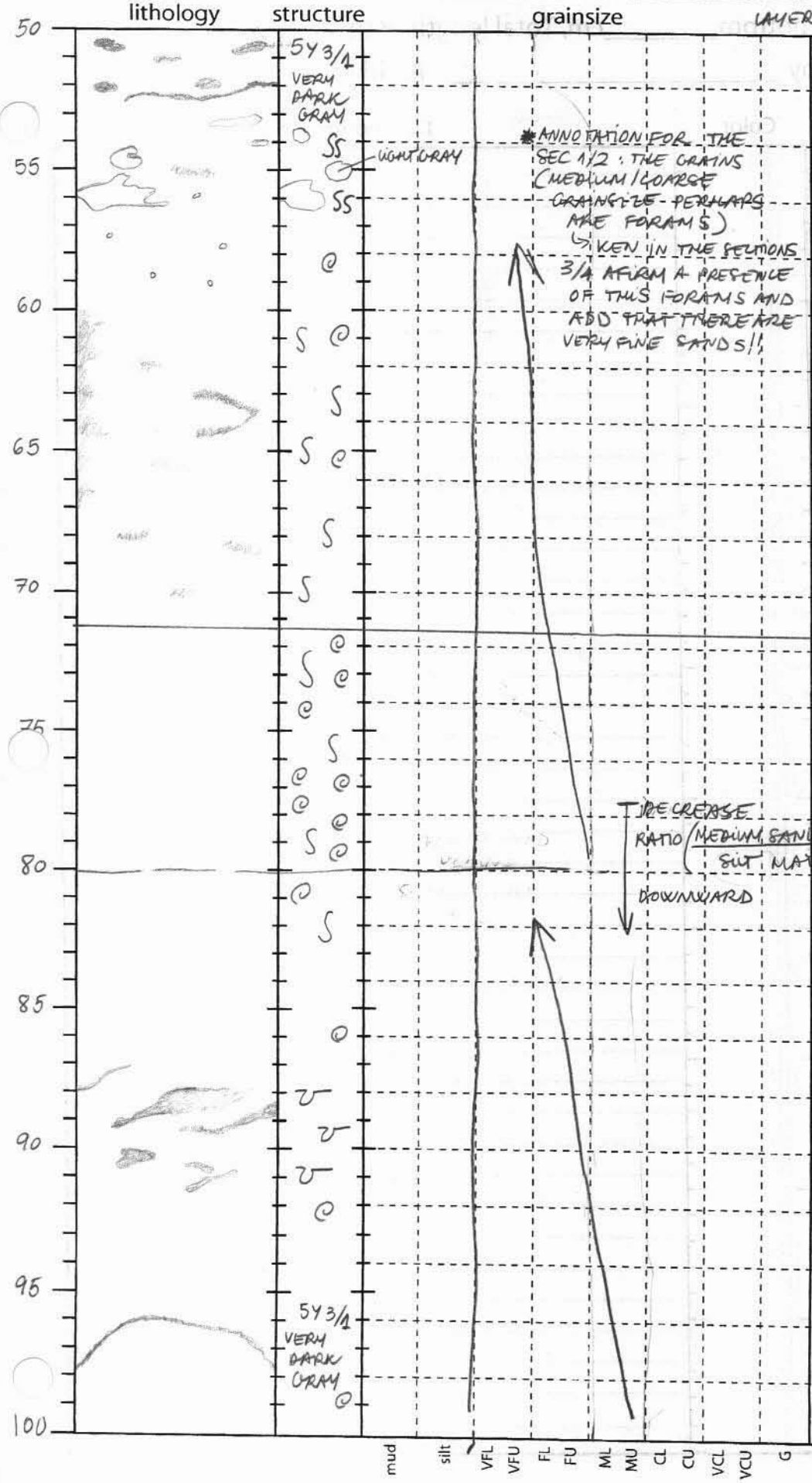
0-5 CM: LIGHT BLEND SANDY SILT. LAYER WITH A LAYERED COLOUR CHANGES (0-1.5 CM. 2 BROWNISH OXIDIZED? LAYERS INTERFINGERED WITH LIGHT OLIVE GRAY LAYERS). ON THE BOTTOM (1.5-5) GRADED COLOUR CHANGE FROM OLIVE GRAY TO LIGHT OLIVE GRAY (BASE). THE LOWER BOUNDARY SHOW A GRADED COLOURATION BUT IS VERY DIFUSED.

5-80 CM: GRAY SANDY SILT. (LIKE THE LAYER BELOW IT SEEMS A SILT LAYER, BUT IN FACT THERE ARE Ø MEDIUM SAND GRAINS). "SILTY MEDIUM SAND"? GRAY COLOUR (5-40) - GRADED COLOUR CHANGE ZONE (FROM GRAY TO VERY DARK GRAY. 40-48) / SEEMS THAT THERE IS A LOT OF BIOTURBATION? FOR THE PREFENCE OF FINE SAND OLIVE GRAY ROUNDED BALLS / LAYERS (34-36). INCREASING TO THE BOTTOM / BROWNISH OXIDIZED ZONES / LAYERS (12/18-19) THE LOWER BOUNDARY SHOWS A COLOUR CHANGE AND A GRAINSIZE CHANGE FROM MEDIUM TO FINE SANDS / MAYBE THERE ARE FORAMS. (CHECK MICROSCOPE)

ANNOTATION FROM 5CM: THE BOUNDARIES BETWEEN LAYERS ARE UNCLEARS (DECREASE OR INCREASE GRAINSIZE LAYERS?).

CORE LOG Core No. RR0705-65PC Section No. 1 AND 2/4 sheet 2 of 5

Date 30/05/07 Described by ~~ZORAIDA~~ Archive/Working



LAYER (5-80 CM) (SANDY-SILT)

48-71'5 CM: SILT (WITH MEDIUM Ø SAND GRAINS) LAYER, VERY DARK GRAY COLOUR LIGHTER UPWARD (58-48) BECAUSE OF PRESENCE OF ROUNDED LIGHT GRAY SHAPES (BIOTURBATION) / DARK COLOURATION SPOTS (50-52) AND DARK BROWNISH OXIDIZED LAYER (52) / PRESENCE OF WHITISH SOFT SHAPES (55'5-59) / DARKISH SPOTED ZONE (60-71'5) BECAUSE OF BIOTURBATION? → DROPPED COLOUR CHANGES. IN FACT THIS LAYER SEEMS A SILT LAYER WITH A MEDIUM Ø SAND GRAINS OF (MAYBE FORAMS?)

* ANNOTATION FOR THE SEC 1/2: THE GRAINS (MEDIUM/COARSE GRAINSIZE - PERHAPS ARE FORAMS) ↳ KEN IN THE SECTIONS 3/4 AFIRM A PRESENCE OF THIS FORAMS AND ADD THAT THERE ARE VERY FINE SANDS!!

ANNOTATION: THE BOUNDARIES BETWEEN LAYERS ARE UNEVERS. (DECREASE OR INCREASE GRAINSIZE LAYERS?)

SEC 1

80-114 CM: SANDY SILT LAYER (SILT MATRIX WITH MEDIUM GRAINSIZE SAND GRAINS). ~~INCRESING DOWNWARD THE~~ RATIO (MEDIUM SAND GRAINS / SILT MATRIX)

SEC 2. (71'5-222)

INCREASE RATIO (MEDIUM SAND GRAINS / SILT MATRIX) DOWNWARD

→ 80 CM: THE SANDY SILT LAYER CHANGE AND START TO INCREASE (DOWNWARD) THE AMOUNT OF THE SILT/SAND RATIO, THIS IS VISIBLE AT EYE NAKED. FROM 80 CM IT TREATS A SILTY MEDIUM SAND LAYER.

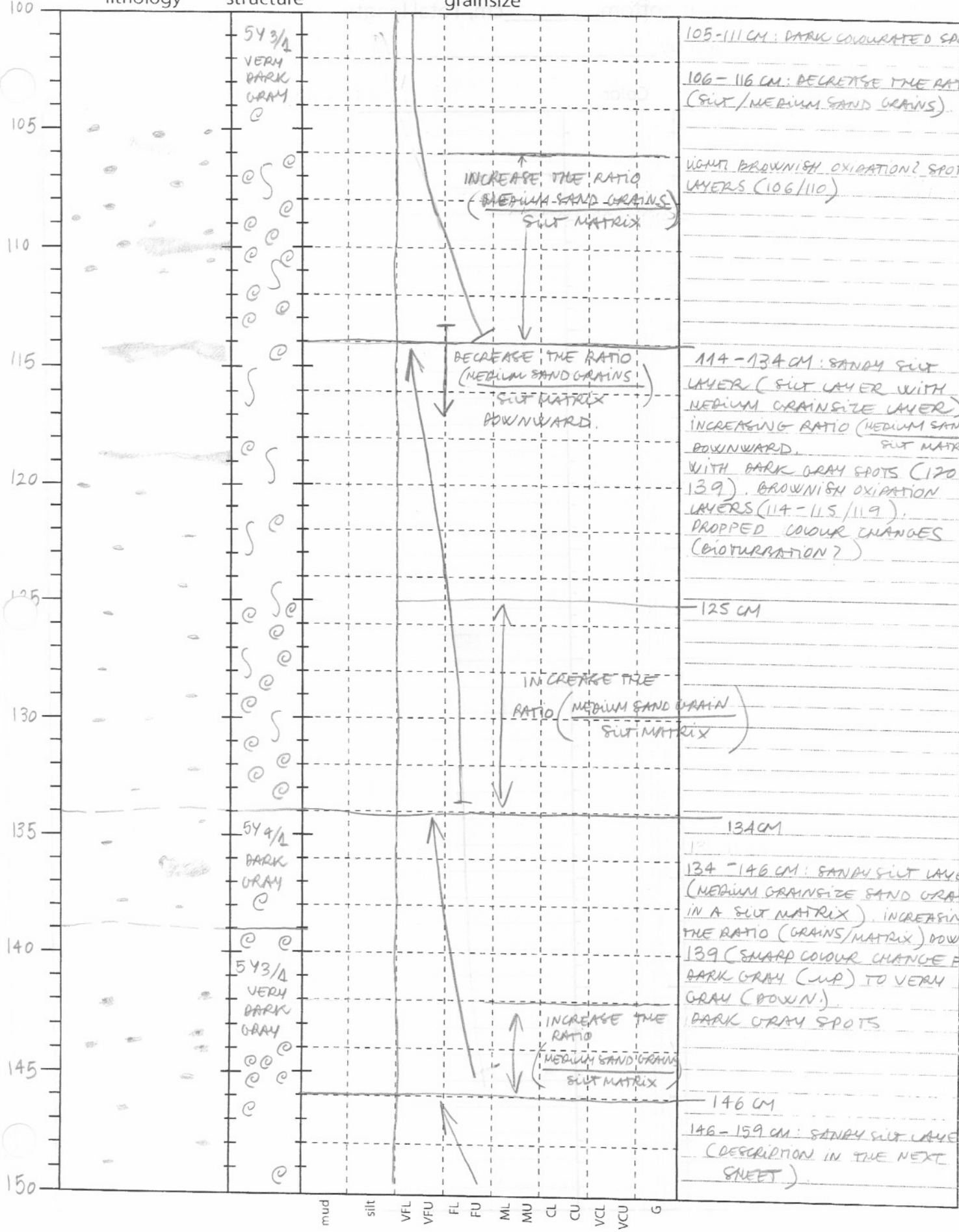
83-91'5 CM: DARKER ROUNDED ELONGATED SHAPES (BURROWS)?

96-98 CM: LIGHT BROWNISH OXIDIZED? LAYER

ALSO THERE ARE DROPPED COLOUR CHANGES (BIOTURBATION?) (71'5-83)

CORE LOG Core No. RR0705-65PC Section No. 2/4 sheet 3 of 5

Date 30/05/07 Described by ZORAIDA Archive/Working



105-111 CM : DARK COLOURATED SPOTS.

106 - 116 CM : DECREASE THE RATIO (SILT / MEDIUM SAND GRAINS)

LIGHT BROWNISH OXIDATION? SPOTS / LAYERS (106/110)

114 - 134 CM : SANDY SILT LAYER (SILT LAYER WITH MEDIUM GRAINSIZE LAYER) INCREASING RATIO (MEDIUM SAND GRAIN / SILT MATRIX) DOWNWARD. WITH DARK GRAY SPOTS (120 - 139). BROWNISH OXIDATION LAYERS (114 - 115/119). PROPPED COLOUR CHANGES (BIOTURBATION?)

125 CM

134 CM

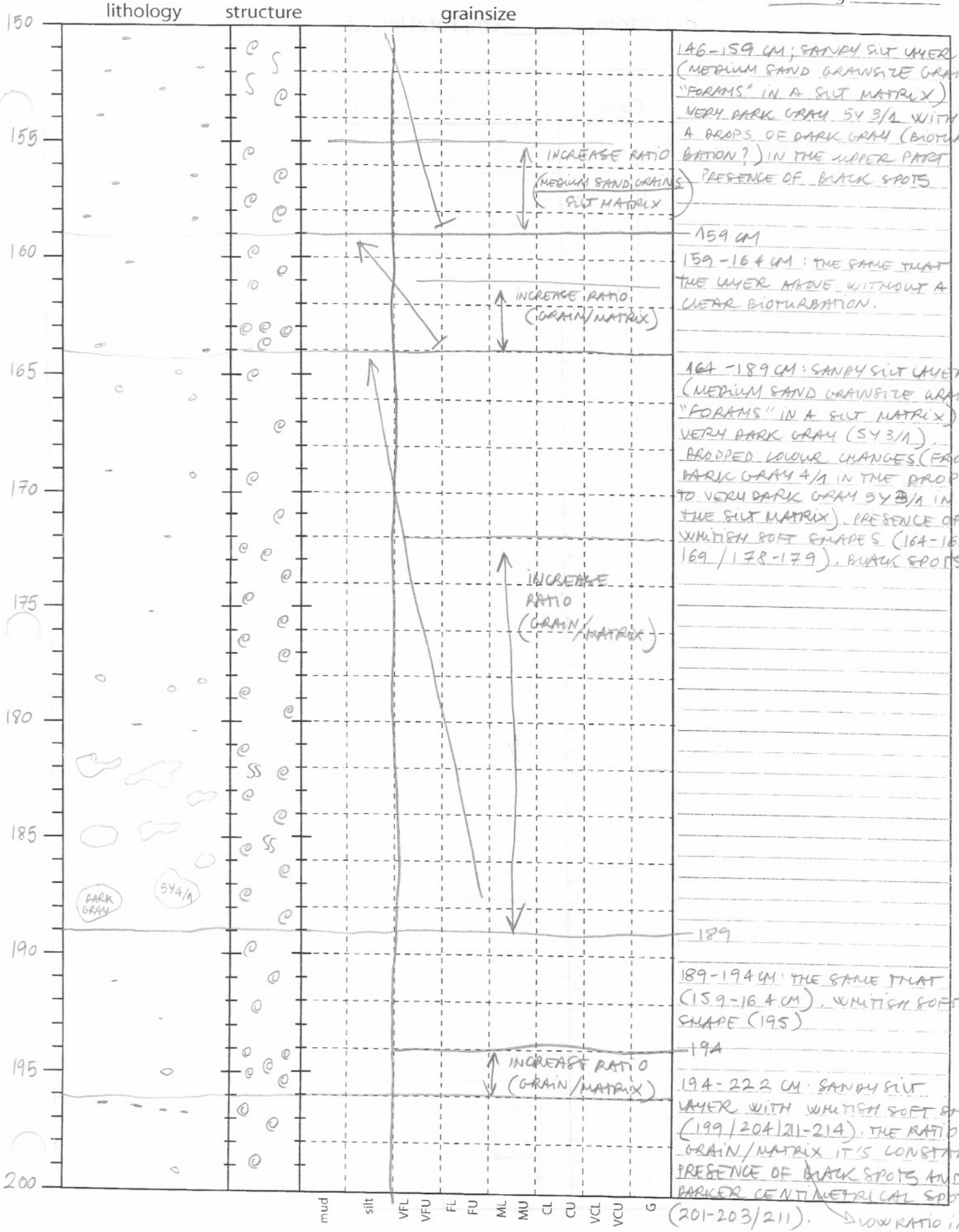
134 - 146 CM : SANDY SILT LAYER (MEDIUM GRAINSIZE SAND GRAINS IN A SILT MATRIX) INCREASING THE RATIO (GRAINS/MATRIX) DOWNWARD. 139 (SHARP COLOUR CHANGE FROM DARK GRAY (UP) TO VERY DARK GRAY (DOWN.) DARK GRAY SPOTS

146 CM

146 - 159 CM : SANDY SILT LAYER (DESCRIPTION IN THE NEXT SHEET)

CORE LOG Core No. RR0705-65PC Section No. 2/4 sheet 4 of 5

Date 30/05/07 Described by ZORAIDA Archive/Working



146-159 CM; SANDY SILT LAYER (MEDIUM SAND GRAINSIZE GRAINS "FORAMS" IN A SILT MATRIX) VERY DARK GRAY 5Y 3/1 WITH A DROPS OF DARK GRAY (BIOTURBATION?) IN THE UPPER PART PRESENCE OF BLACK SPOTS

159 CM

159-164 CM: THE SAME THAT THE LAYER ABOVE WITHOUT A CLEAR BIOTURBATION.

164-189 CM: SANDY SILT LAYER (MEDIUM SAND GRAINSIZE GRAINS "FORAMS" IN A SILT MATRIX) VERY DARK GRAY (5Y 3/1). DROPPED COLOUR CHANGES (FROM DARK GRAY 4/1 IN THE DROPS TO VERY DARK GRAY 5Y 3/1 IN THE SILT MATRIX). PRESENCE OF WHITISH SOFT SHAPES (164-166/169/178-179). BLACK SPOTS

189

189-194 CM: THE SAME THAT (159-164 CM). WHITISH SOFT SHAPE (195)

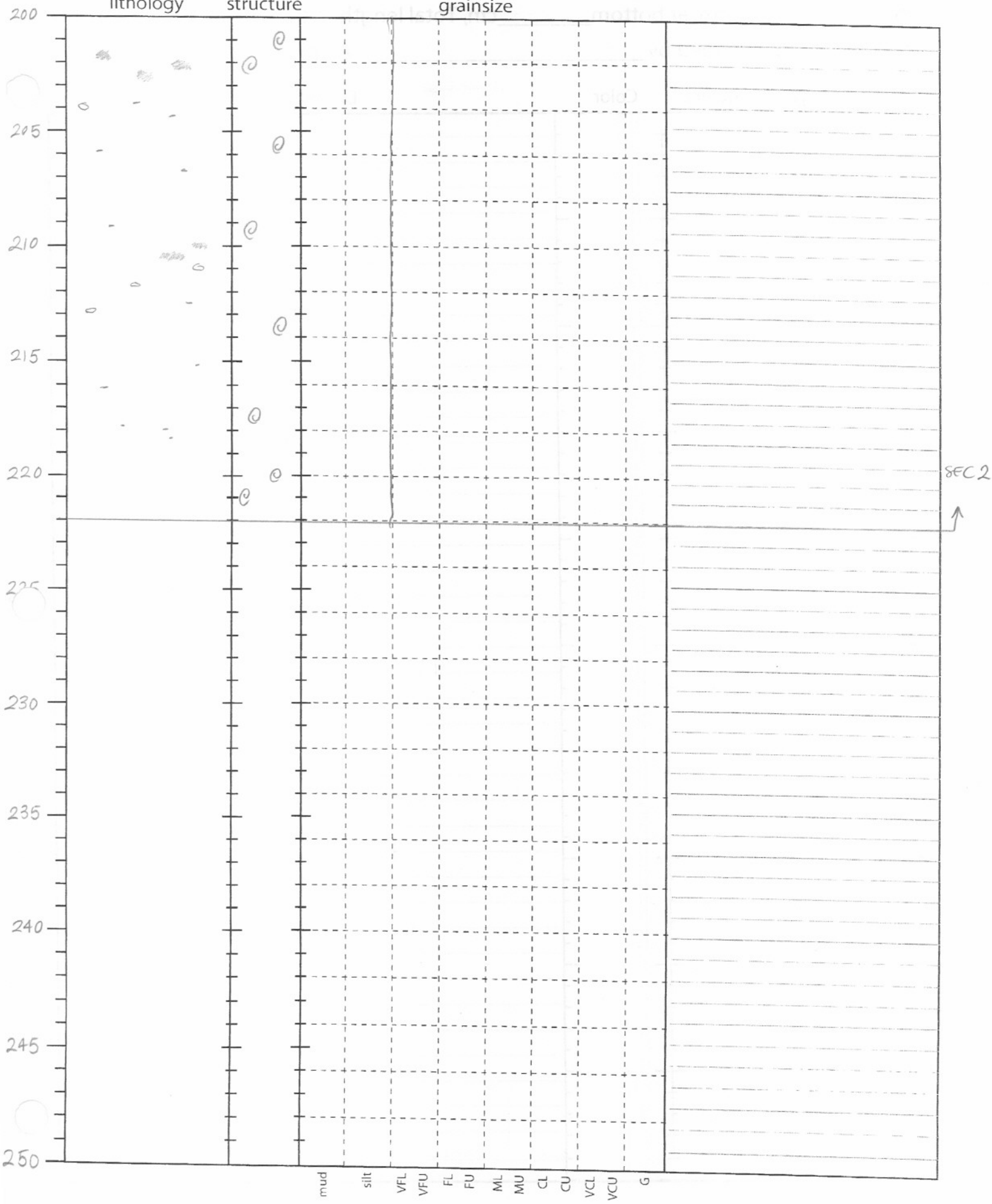
194

194-222 CM: SANDY SILT LAYER WITH WHITISH SOFT SHAPES (199/204/211-214). THE RATIO GRAIN/MATRIX IT'S CONSTANT PRESENCE OF BLACK SPOTS AND DARKER CENTIMETRICAL SPOTS (201-203/211).

LOW RATIO IN RELATION WITH THE OTHER LAYERS

CORE LOG Core No. RR0705-65PC Section No. 2/4 sheet 5 of 5

Date 30/05/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-65PC Section No. 3 sheet 1 of 3

Date 30/05/2007 Described by Ken Archive/Working

lithology | structure | grainsize

0 (222)

10

20

30

40

50 (272)

void

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

0-50cm: 5Y3/2 silt bioturbated foram rich v.f.s. grain bearing

← GLEY1 4/10Y silt burrows

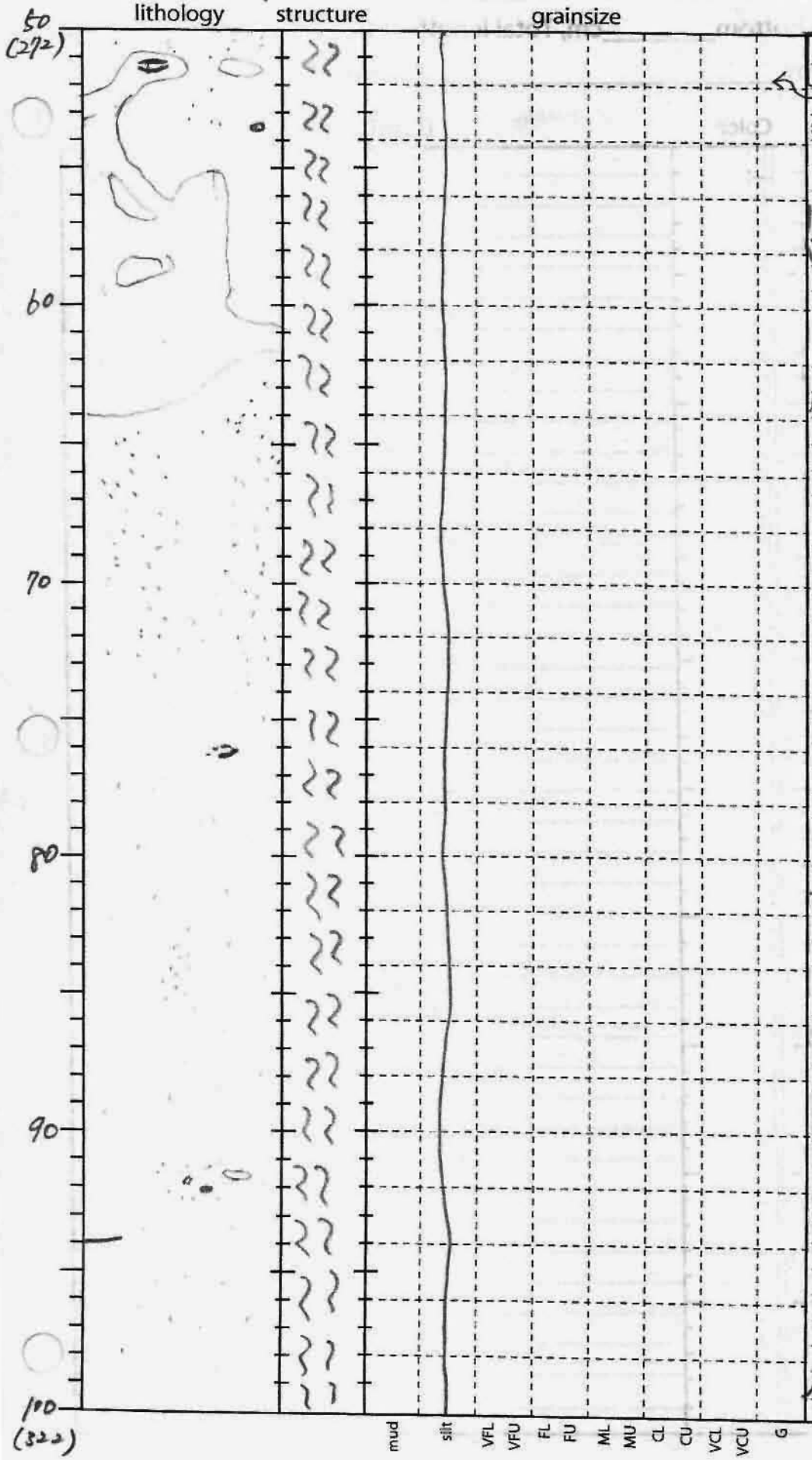
14-14.5cm: shell frag.

GLET1 4/10Y silt burrows

40-43.5cm Void

CORE LOG Core No. RR0705-65PC Section No. 3 sheet 2 of 3

Date 30/05/2007 Described by Ken Archive/Working



50-100cm: 5Y 3/2 silt foram rich v.f.s. grain bearing

GLEY1 4/10Y silt burrow

53.5-53.7cm: shell frag.

56-63.5cm: less sand grains

76.2-76.5: black v.f.s patch

81-99cm: less sand grains

92cm: benthic foram

92-92.2cm: gravel (subrounded) 3mm ø

GLEY1 4/10Y silt burrow

CORE LOG Core No. RR0705-65PC Section No. 3 sheet 3 of 3

Date 30/05/2007 Described by Ken Archive/Working

lithology | structure | grainsize

100 (322)

110

120

130

140

150 (372)

Void (FOAM)

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | g

100-108.5cm: 5Y3/2 silt, foram rich, v.f.s grain bearing

107.5cm: benthic foram

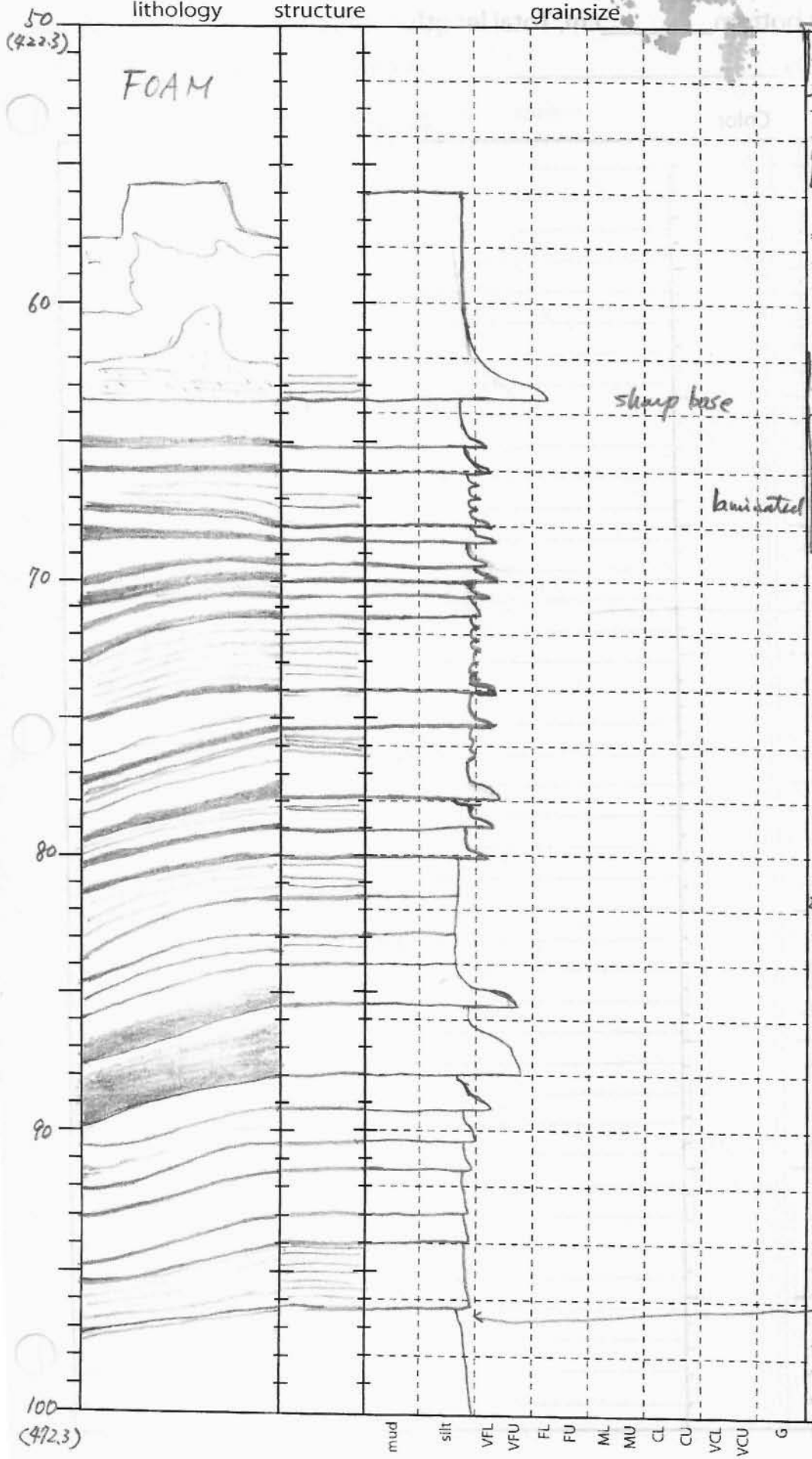
108.5-111cm: 5Y4/1 c.silt, moderate-well-sorted, less forams, upper boundary gradual

111-150.3cm: void

150.3cm (372.3cm)

CORE LOG Core No. RR0705-65PC Section No. 4 sheet 1 of 2

Date 30/05/2007 Described by Ken Archive/Working



0 (372.3) - 55.5 (427.8) void

55.5-63.5cm: upward fining f-v.f sand - c.silt ash sharp base

55.5-58.5cm: 5Y4/1 ash c.silt

58.5-62: 10YR5/1 c.silt ash

62-63.5: 2.5Y5/1 f-v.f sand ash parallel laminated, upper part dewatering deformed

sharp base

63.5-97cm: fine alternation of upward fining ash unit. with sharp bases

upper: 2.5Y5/2 c.silt ash

lower: 2.5Y5/1 v.f.s ash

upper white v.f.s

laminated

upper part parallel laminated

10YR5/2 m.silt ash

2.5Y5/2(olive) m.silt ash

10YR5/2 m.silt ash

lower part 10YR5/1 c.silt-v.f.s ash

upper 2.5Y5/1, lower 10YR5/1 c.silt ash.

10YR5/1 c.silt ash

2.5Y5/1 c.silt ash

uppermost 10YR5/1 c-m.silt ash (1mm)

lower 2.5Y5/1 c.silt ash parallel laminated

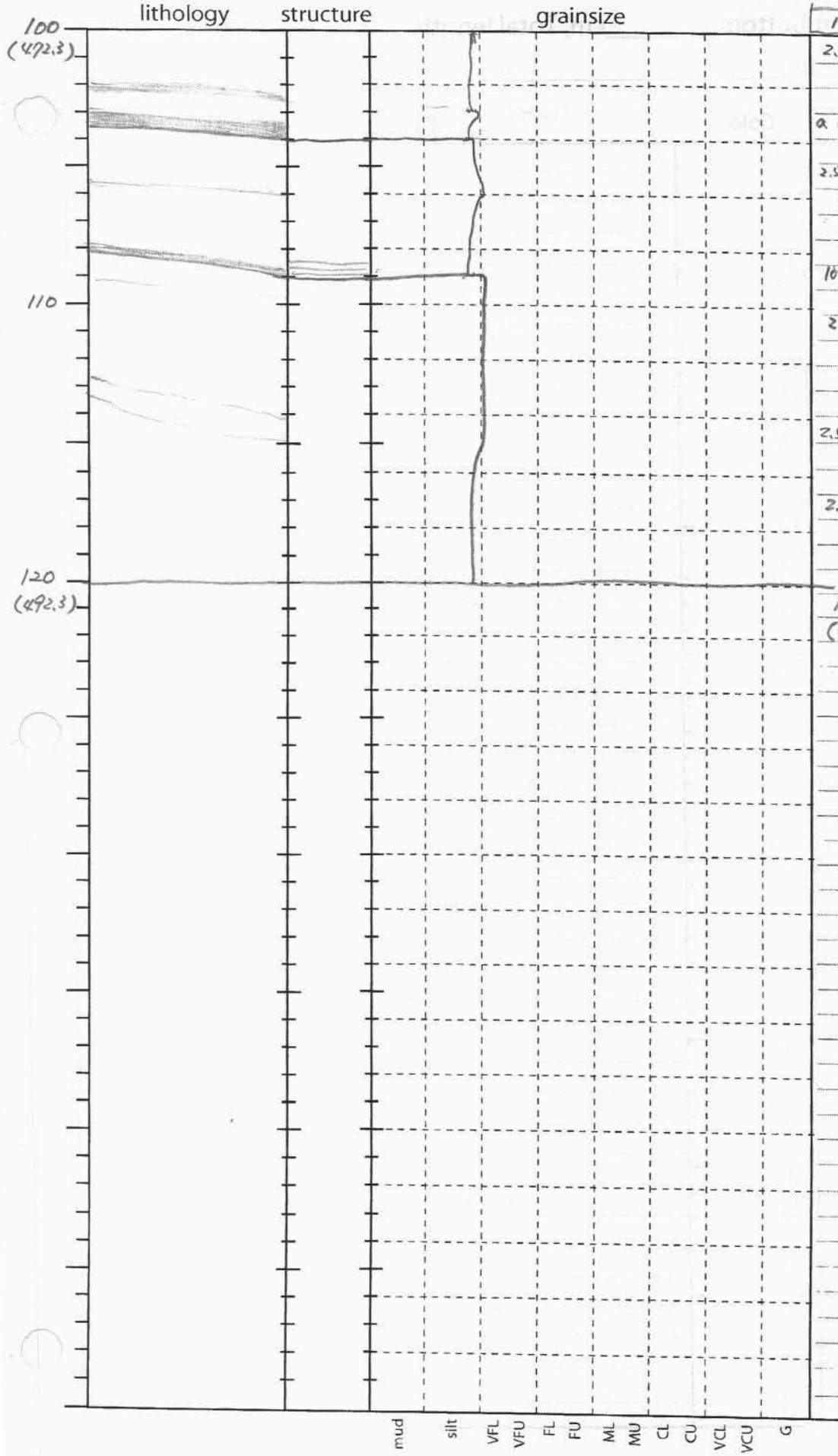
10YR5/1 c-m.silt ash (1mm)

2.5Y5/1 c.silt ash

97-100cm: thick (5-10cm<) bedded c.silt-v.f.s ash

CORE LOG Core No. PR0705-65PC Section No. 4 sheet 2 of 2

Date 30/05/2007 Described by Ken Archive/Working



100–120cm: c.silt-v.f.s-sized ash (bedded)

2.5Y5/1 c.silt ash

a little lighter upper part

2.5Y5/1 a little lighter c.silt ash
lower boundary gradual?

lowermost 6mm parallel laminated

2.5Y4/1 c.silt-v.f.s ash

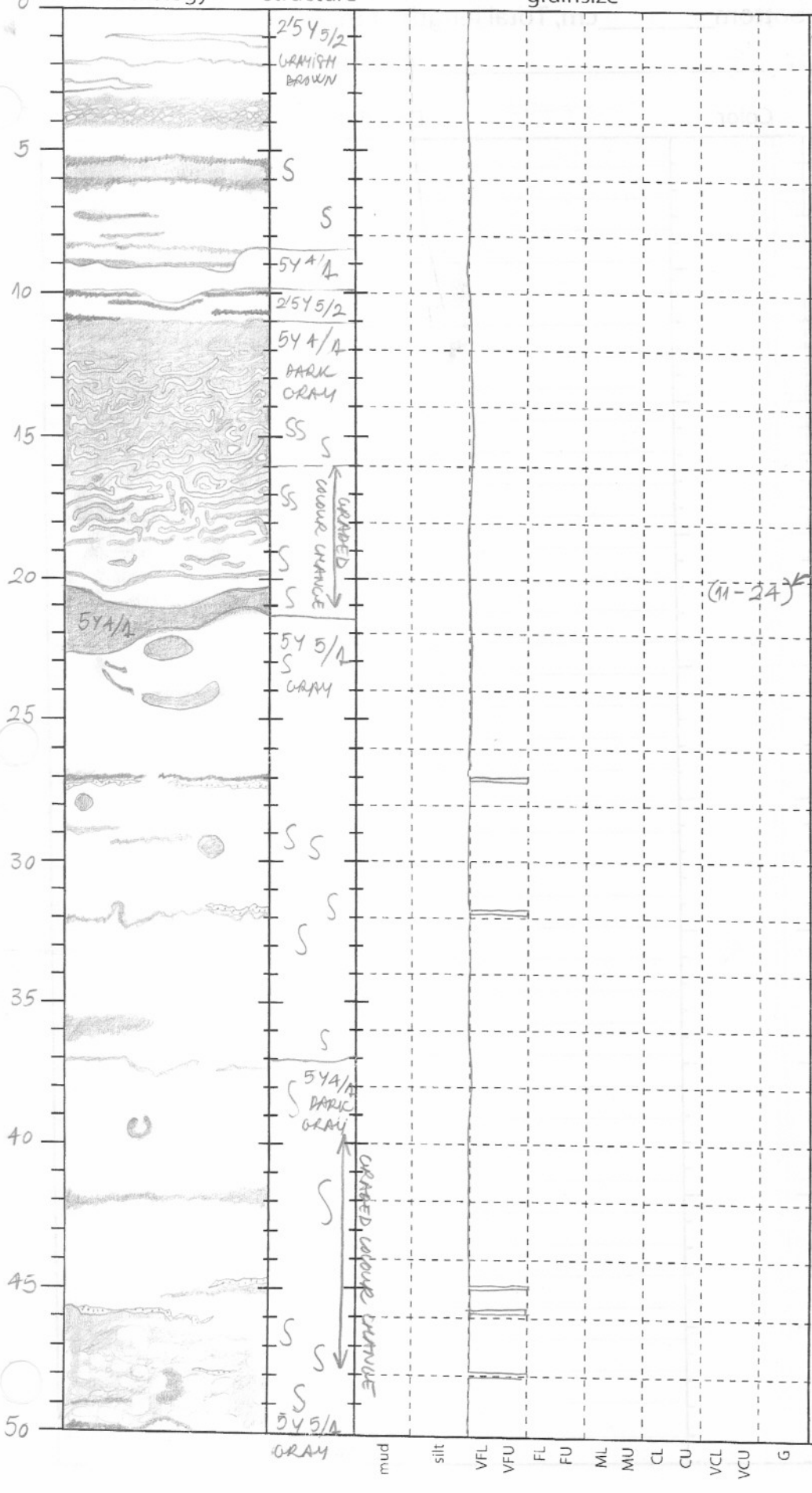
2.5Y5/1 c.silt-v.f.s ash

2.5Y4/1 c.silt ash

120 cm
(492.3 cm)

CORE LOG Core No. RR0705-66 GC Section No. 1 (0-80/2 CM) sheet 1 of 4

Date 31/05/07 Described by ZORAIDA Archive/Working



(11-24)

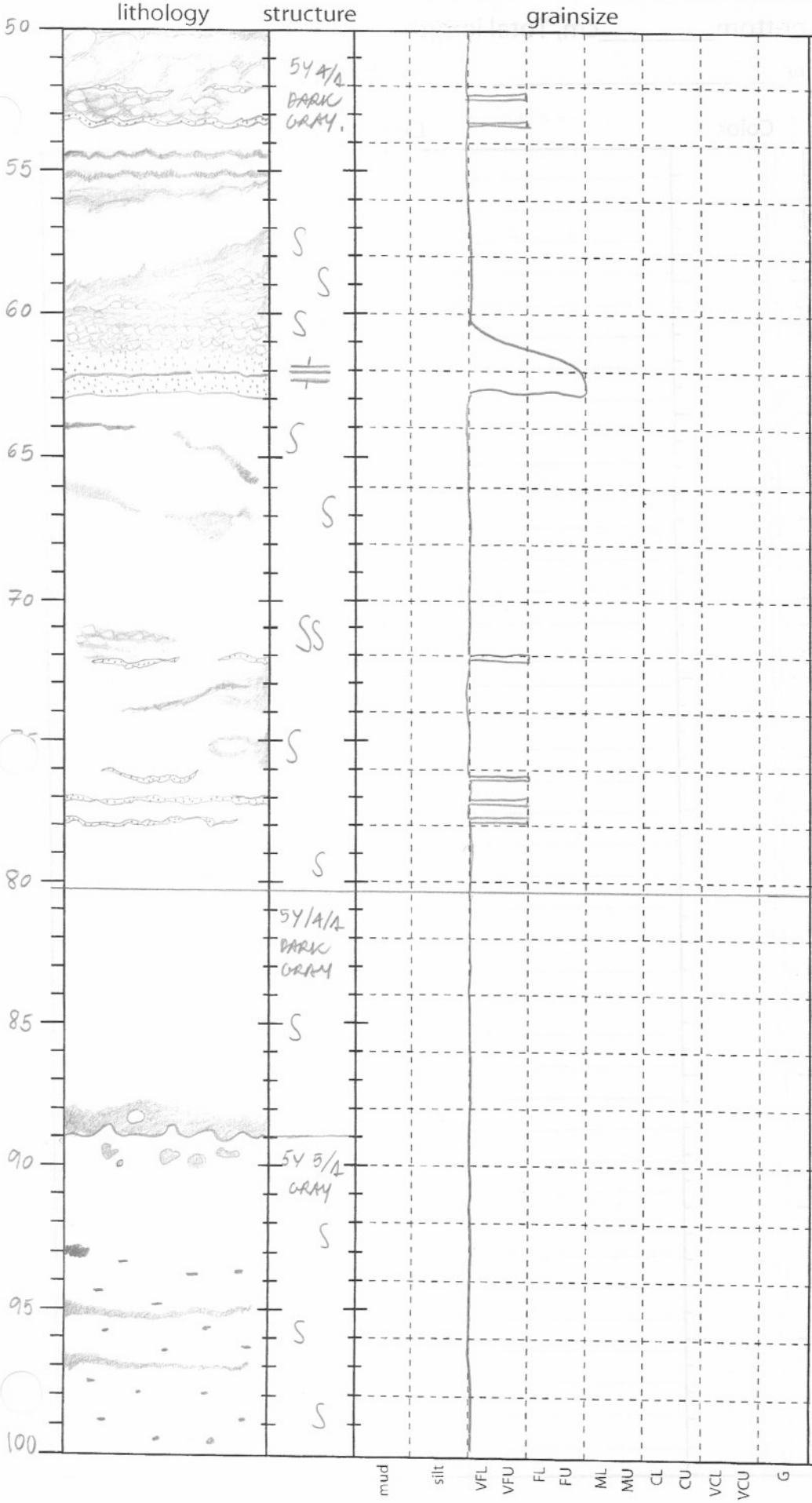
- 0-8/5/9 CM.: GRAYISH BROWN SILT LAYER WITH A LOWER BOUNDARY DEFINED FOR A SHARP COLOUR CHANGE (FROM 2/5Y 5/2 UP TO 5Y 4/1 DOWN). PRESENCE OF DROPPED COLOUR CHANGES (5-9) BIOTURBATION? AND DARK BROWNISH OXIDIZED? LAYERS (3-4/5/5-6/5/7-9).
- 8/5/9-10 CM: DARK GRAY SILT LAYER WITH A SHARP COLOUR CHANGE BOUNDARIES AND IRREGULARS.
- 10-11 CM: GRAYISH BROWN SILT LAYER / BROWNISH OXIDIZED? LAYERS AND SHARP BOUNDARIES (COLOUR CHANGE VERY CLEAR).
- 11-27/5 CM: GRAINSIZE DECREASING SEQ (FROM TOP TO BOTTOM) FROM V.F SAND IN THE BASE (GRAY COLOUR) TO SILT IN THE TOP (DARK GRAY COLOUR) / COLOUR GRADATION / VERY BIOTURBATED (ELONGATED ROUNDED SHAPES). IN THE UPPER PART OF THE SANDS THERE IS A YELLOW BROWNISH OXIDIZED? LAYER WITH A BLUEWISH COLOURATION.
- 27/5-32 CM: UPWARD GRAINSIZE DECREASING SEQUENCE (FROM V.F SAND IN THE BASE TO SILT), GRAY COLOUR WITH DROPPED COLOUR CHANGES (THE DROPS ARE LIGHT GRAY) AND A BLUEWISH LAYERS (29/32) > BIOTURBATION?

32-45 CM: UPWARD GRAINSIZE DECREASING SEQUENCE FROM V.F SANDS (BASE) TO SILT. GRADED COLOUR CHANGE FROM GRAY (TOP) TO DARK GRAY (BOTTOM) VERY BIOTURBATED LAYER.

45-53 CM. UPWARD GRAINSIZE DECREASING SEQUENCE, FROM V.F SANDS (BOTTOM) TO SILT. COLOUR GRAY (IN THE TOP) TO DARK GRAY (IN THE BASE). AND VERY DROPPED COLOUR CHANGE (VERY BIOTURBATED)

CORE LOG Core No. RR0705-66GC Section No. 1/2 (80'2-162) sheet 2 of 4

Date 31/05/07 Described by ZORAIDA Archive/Working



53-63 CM: UPWARD GRAINSIZE DECREASING SEQ. (FROM FINE SAND IN THE BASE TO SILT IN THE TOP) THE SANDS HAVE PARAMEL LAMINATION MARKED BY THE ALTERNANCE OF BLACK/WHITE MICAS LAYERING. THE LOWER BOUNDARY IS SHARP AND IRREGULAR IN CONTRAST TO THE UPPER BOUNDARY GRADED DECREASING GRAINSIZE. BLUEWISH LAYERS (52-53)/BROWNISH OX. LAYERS (48) AND DROPPED COLOUR CHANGES BIOTURBATION (57-61'5 CM).

63-72 CM: UPWARD GRAINSIZE DECREASING SEQUENCE FROM V. FINE SAND TO SILT / BLUEWISH LAYER (72). DROPPED COLOUR CHANGES MORE BRANDED FROM 70-72, DARKER LAYERS (64/66-67)

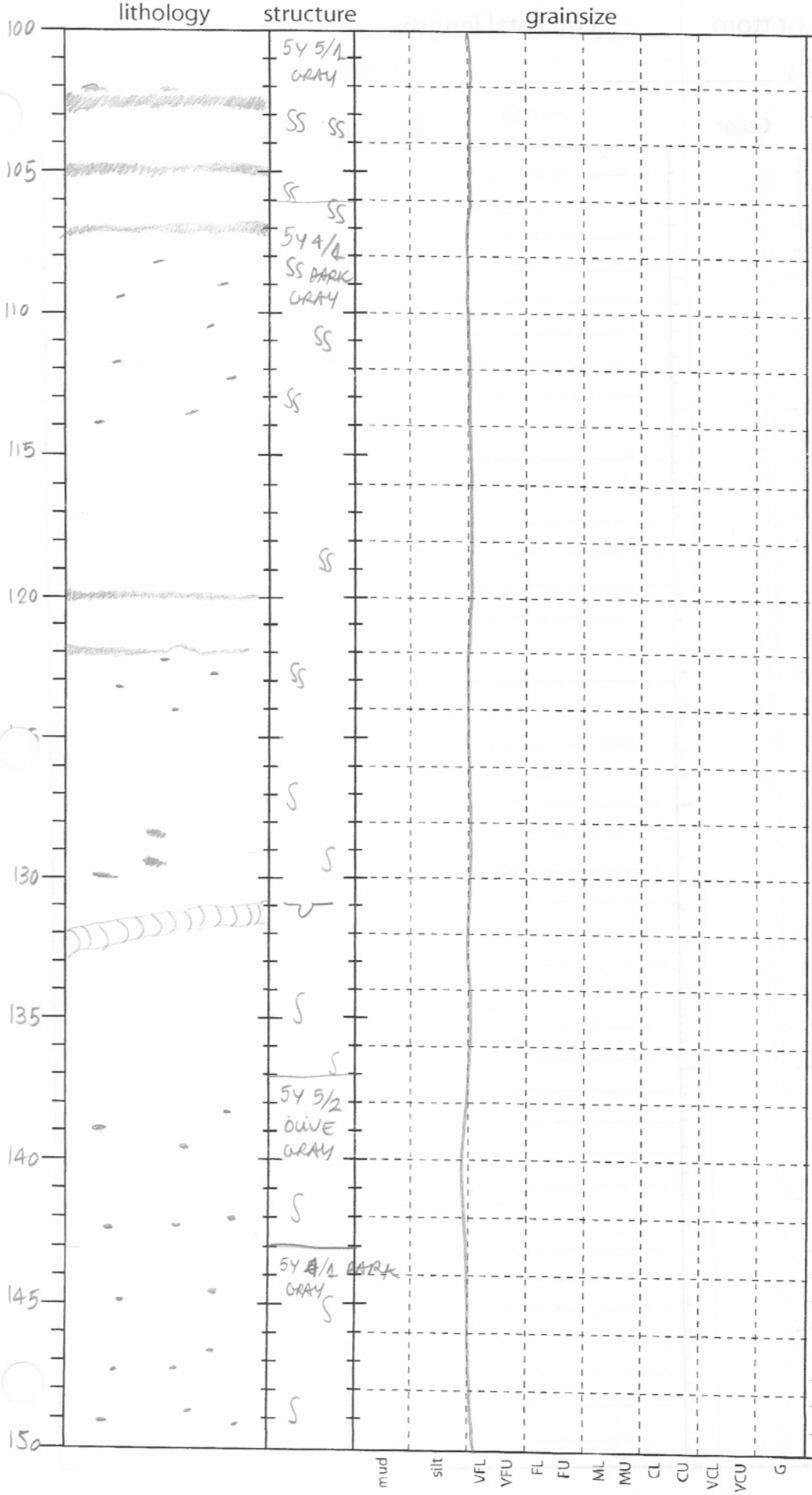
72-78 CM: UPWARD GRAINSIZE DECREASING SEQUENCE FROM V. FINE SAND TO SILT. BLUEWISH LAYERS (77-78), DROPPED COLOUR CHANGES (BIOTURBATION.

SEC 1 ↑ 80'2 ↓ SEC 2

78-100 CM: SILT LAYER WITH A SHARP COLOUR CHANGE FROM DARK GRAY (TOP) TO GRAY (BOTTOM) (IN FACT THIS SILT LAYER CONTINUED UNTIL THE END OF THE CORE BUT THERE ARE SOME BIOTURBATION CHAPTER INTO IT). DROPPED COLOUR CHANGE (FROM DARK GRAY TO GRAY) BIOTURBATION? BLACK SPOTS (93-100 CM) DARKER LAYERS (95/97).

CORE LOG Core No. RR0705-66GC Section No. 2 sheet 3 of 4

Date 31/05/07 Described by ZORAIDA Archive/Working



100-150 CM: SILT LAYER VERY BIOTURBATED (DROPPED COLOUR CHANGES) MORE BRAND FROM 100 TO 125 CM / GRADED COLOUR CHANGES (FROM GRAY 5Y 5/1 TO DARK GRAY 5Y 4/1 (~106) AND FROM DARK GRAY TO OLIVE GRAY 5Y 5/2 (~137)) AND SHARP COLOUR CHANGES (143) FROM OLIVE GRAY TO DARK GRAY.

103: DARK GRAY COLOUR LAYER

103-114: BLACK SPOTS (MILIMETRICAL).

105/107: BLUEWISH COLOURATED LAYERS?

120/122: LIGHT BROWNISH OXIDIZED LAYERS?

122-124: BLACK SPOTS (MILIMETRICAL)

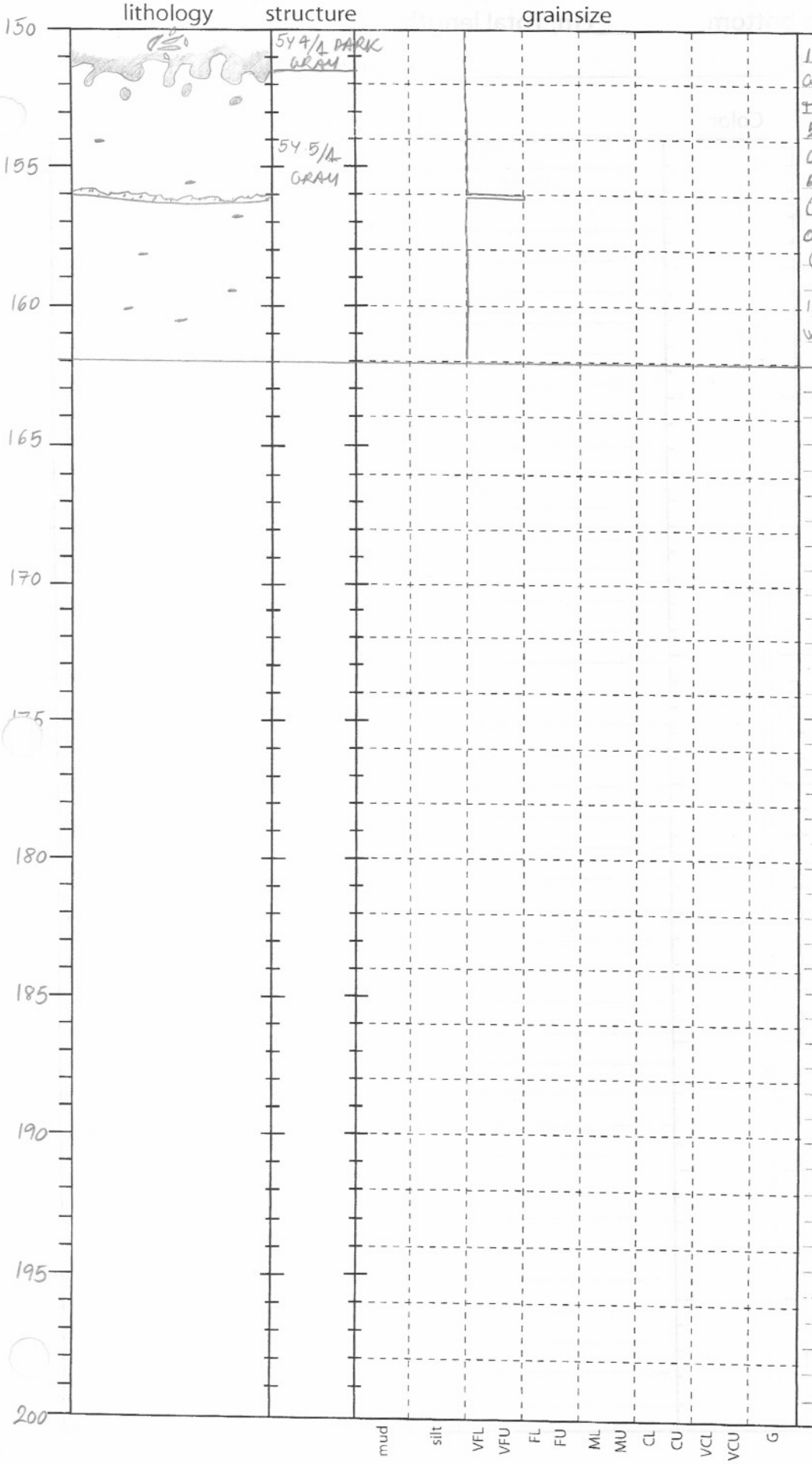
128-130: BLACKISH CENTIMETRICAL COLOUR SPOTS

131-132 CM: BURROW (ZOOPHYCOS?)

137-150: BLACK SPOTS (MILIMETRICAL)

CORE LOG Core No. RR0705-66 GC Section No. 2 sheet 4 of 4

Date 01/05/07 Described by ZORAIDA Archive/Working

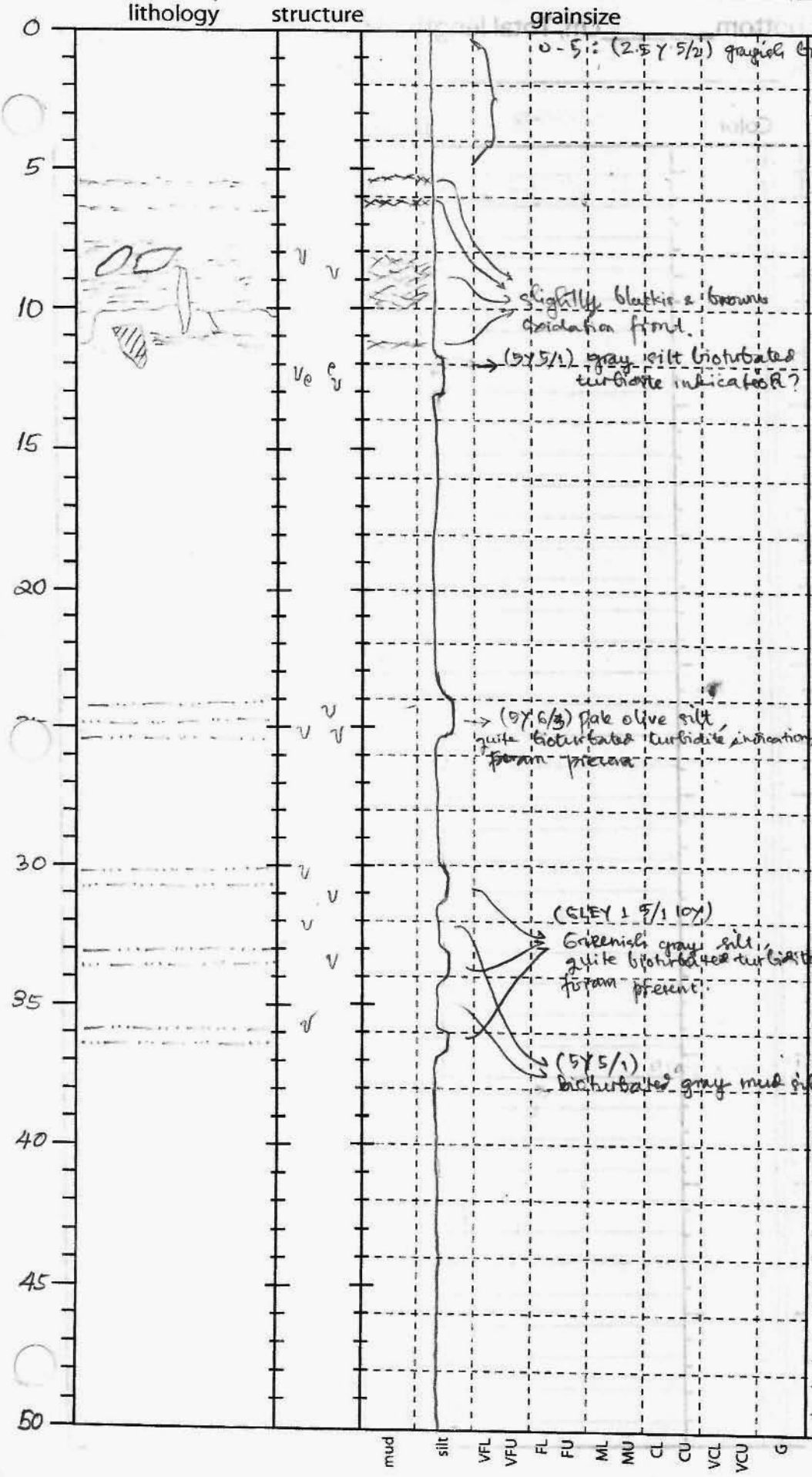


150-156 CM: UPWARD DECREASING GRAINSIZE FROM V. FINE SAND TO SILT / SHELL ACCUMULATION BAR (150-151). AND SHARP COLOUR CHANGE LAYER FROM DARK GRAY (5Y 4/1) UP TO GRAY (5Y 5/1) AT 154 CM / PRESENCE OF BLACK MILIMETRICAL SPOTS (154-156).

156-162 CM: GRAY (5Y 5/1) SILT LAYER WITH MILIMETRICAL BLACK SPOTS.

CORE LOG Core No. RR0705-67 TC Section No. 1 of 2 sheet 1 of 5

Date 31/05/07 Described by SAPTA Archive/Working



0-11 cm: (2.5Y 5/2) grayish brown mud silt, there are slightly blackish & brown oxidation front, gray mud pocket present at about 8-11 by bioturbation. There are wood at 11 cm

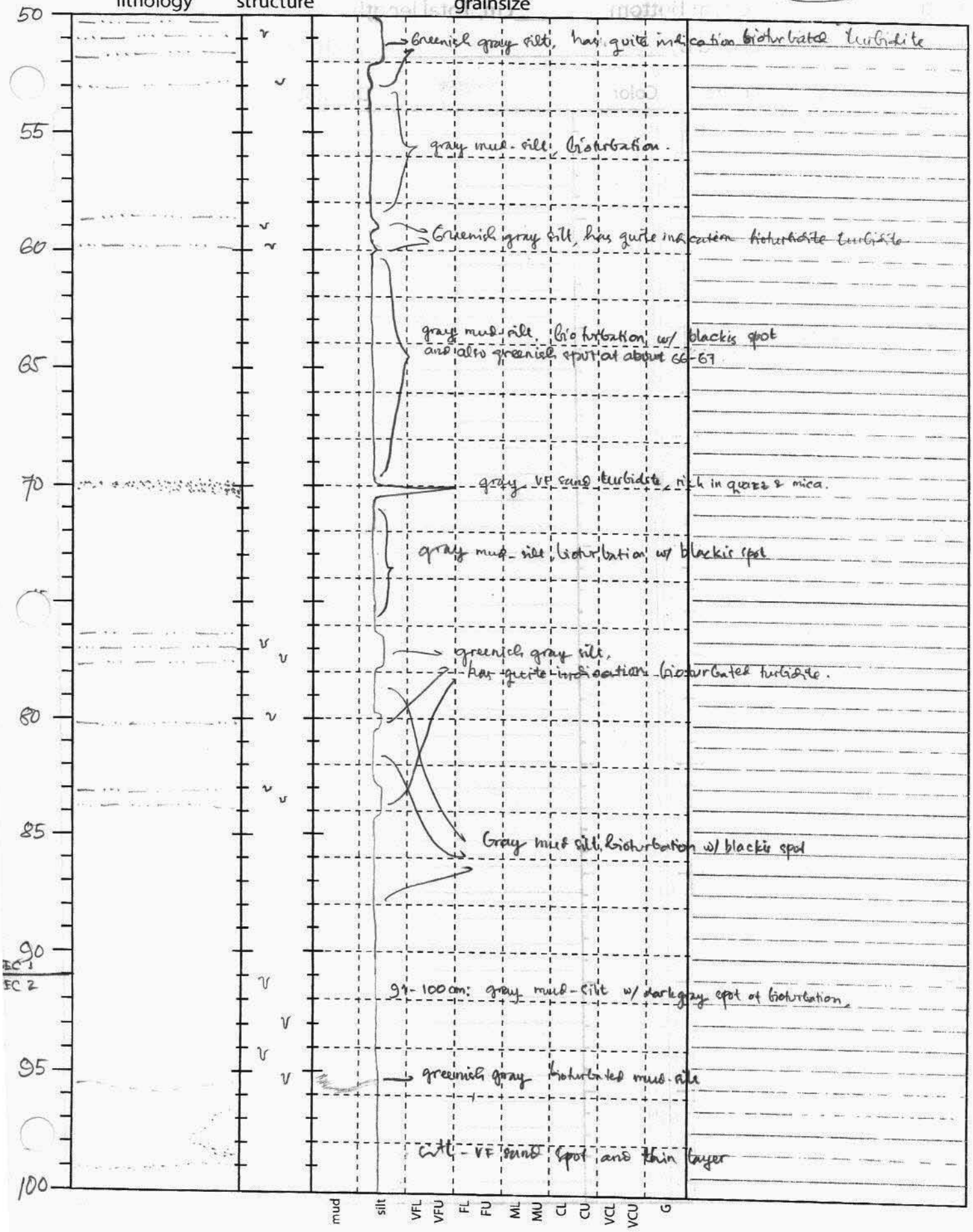
13-24 cm; gradational color change from gray to lightly gray (5Y 5/1 - 5Y 6/1), there are slightly bioturbation structur at about 17-24

25-29: (5Y 6/1) gray mud-silt

37-50 cm: bioturbate gray mud-silt.

CORE LOG Core No. RR0705 - 67TC Section No. 1 & 2 of 2 sheet 2 of 5

Date 31/05/07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 67 Tc Section No. 2 of 2 sheet 3 of 5

Date 1 JUNE 07 Described by SAPTA Archive/Working

lithology structure grainsize

100 105 110 115 120 125 130 135 140 145 150

Greenish gray bioturbated mud-silt

Greenish gray bioturbated mud-silt

dark gray silt, bioturbated turbidite

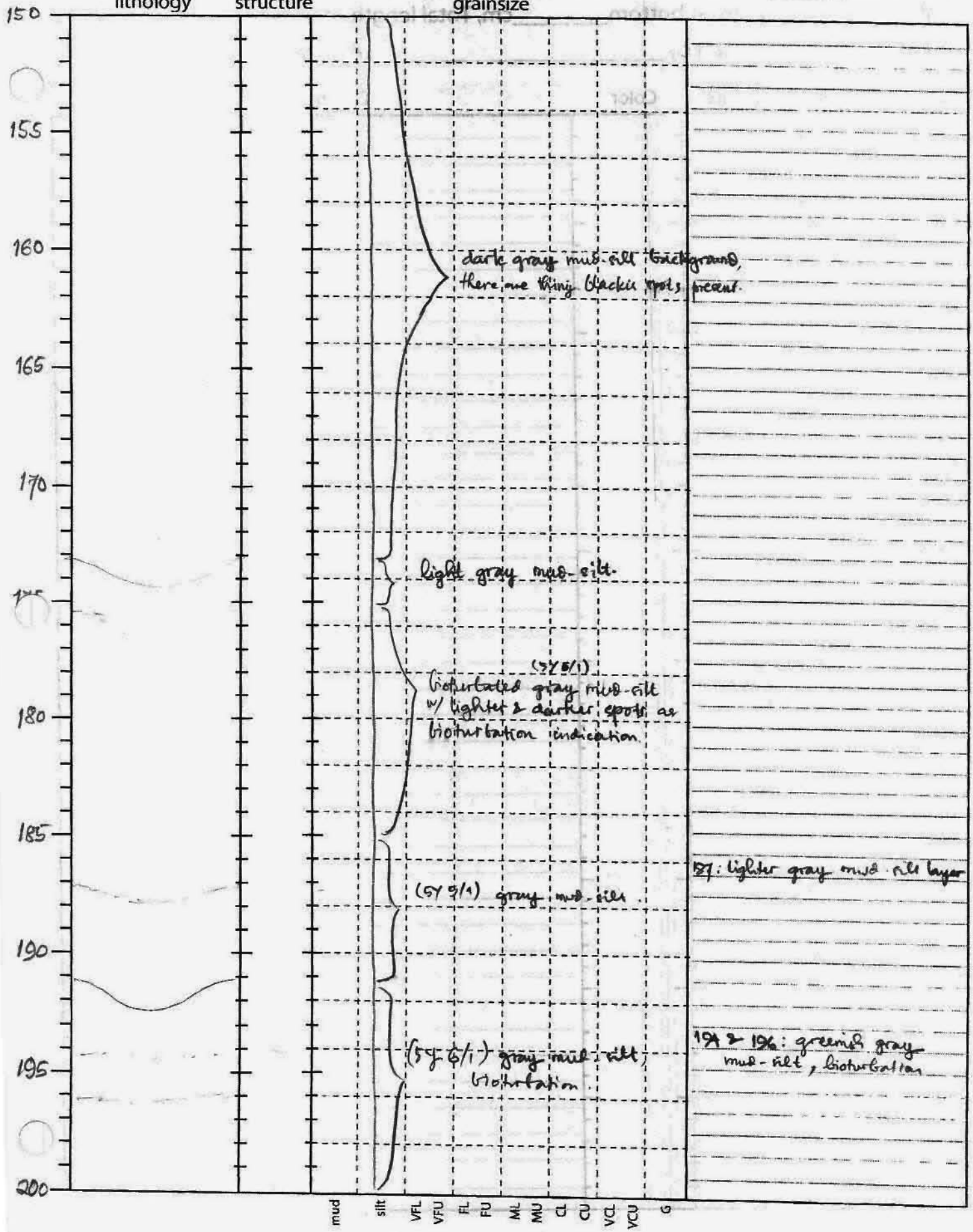
Greenish gray bioturbated mud-silt

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

100-150 cm:
(5Y4/1) dark gray mud-silt w/ bioturbation that indicated by green gray mud-silt. there are blackis spot also present.
Some of bioturbation also indicated by lighter gray mud-silt spot

CORE LOG Core No. RR0705 - 67 TC Section No. 2 of 2 sheet 4 of 5

Date 1 June 07 Described by SARA Archive/Working



CORE LOG Core No. RR0705-67 TC Section No. 2 of 2 sheet 5 of 5

Date 1 June 07 Described by SMPZA Archive/Working

lithology structure grainsize

200 205 210 215 220 230 235 240 245 250

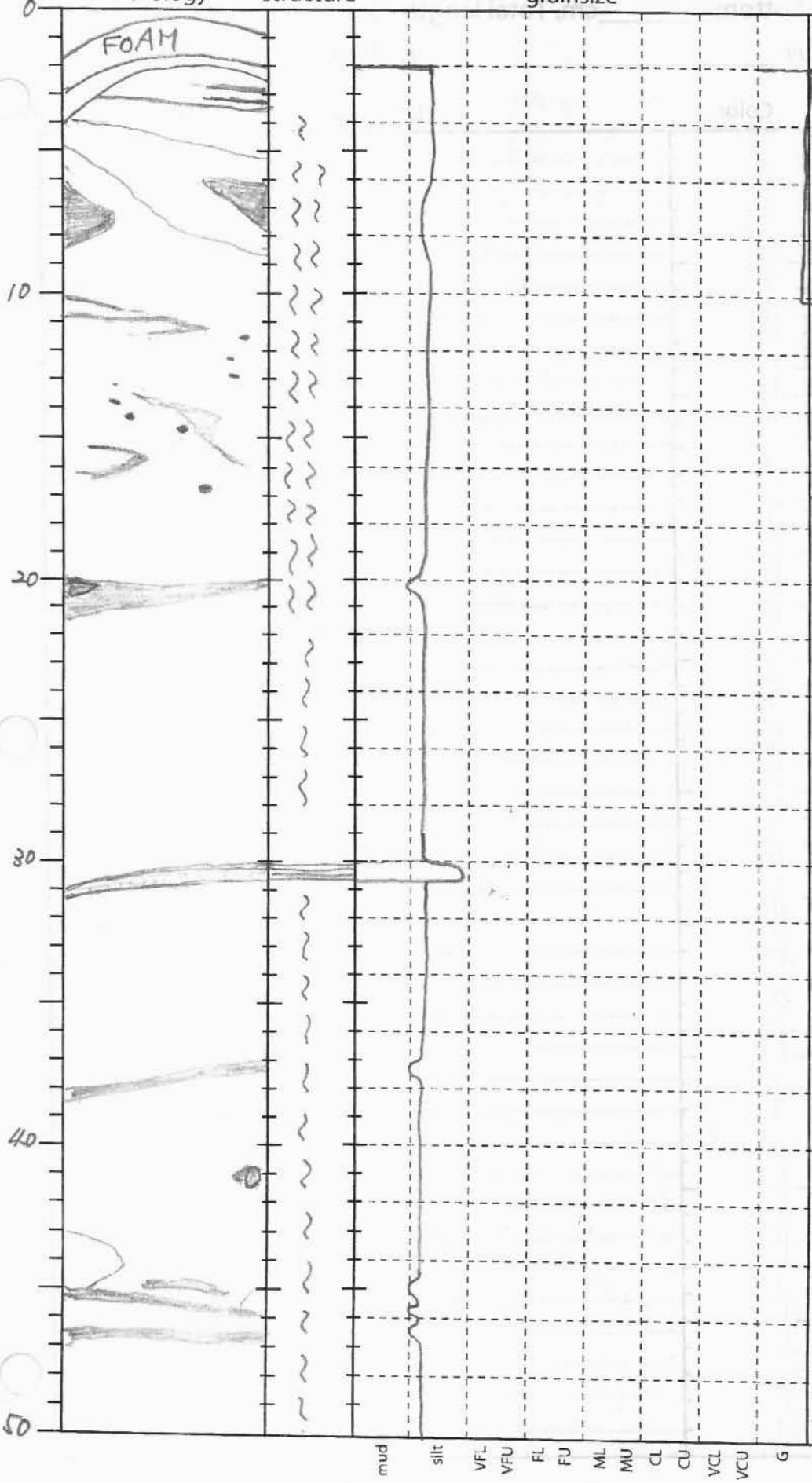
200 – 241: (5Y4/1) dark gray mud-silt, masif, bioturbation indicated by thiny blackis spots and lighter gray front.

END OF CORE RR0705-67 TC.

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-67PC Section No. 1 sheet 1 of 2

Date 31/05/2007 Described by Ken Archive/Working



0-2cm: Void

2-3.7cm: 10YR5/2 silt with two brown layers

3.7-5cm: 5Y5/1 silt

5-8cm: GLEY1 5/10Y silt burrow fill? boundary irregular

6-8.5cm (left side), 6-8cm (right side): GLEY1 5/5GY clayey silt

8.5-10cm: GLEY1 5/10Y silt with greenish layers in a c. silt layer.

10-11.5cm: burrows

greenish } spots
clayey

20-21cm: Greenish (GLEY1 5/5GY) clayey silt

30-30.7cm: GLEY1 5/10Y c. silt parallel laminated upper & lower boundary sharp

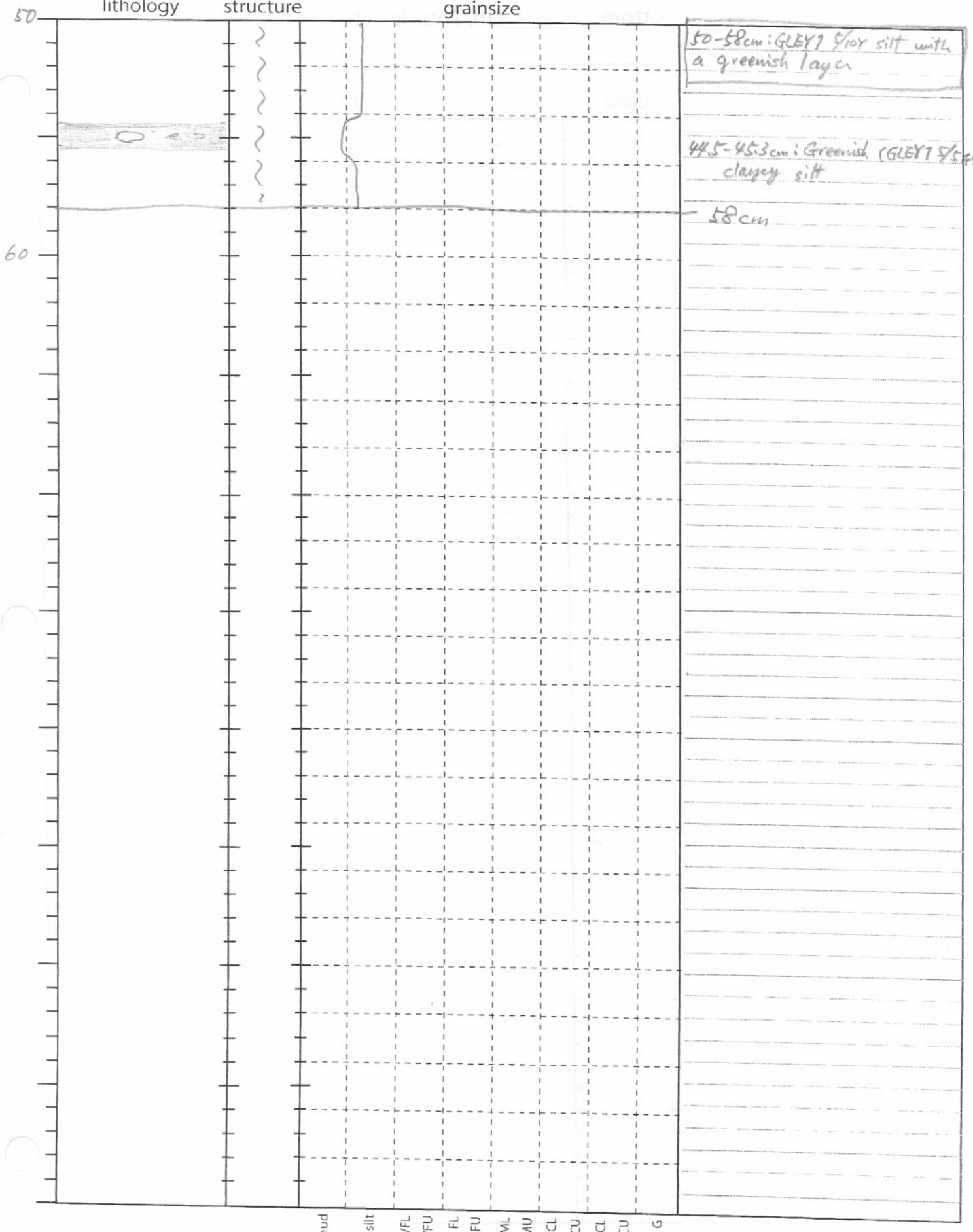
47-47.5cm: Greenish (GLEY1 5/5GY) clayey silt

40.8-41.7: Greenish (GLEY1 5/5GY) clayey silt spot

Greenish (GLEY1 5/5GY) clayey silt layers
49.9-45.2cm, 45.5-46.3cm,
46.8-47.1cm

CORE LOG Core No. RR0705-67PC Section No. 1 sheet 2 of 2

Date 31/05/2007 Described by Ken Archive/Working



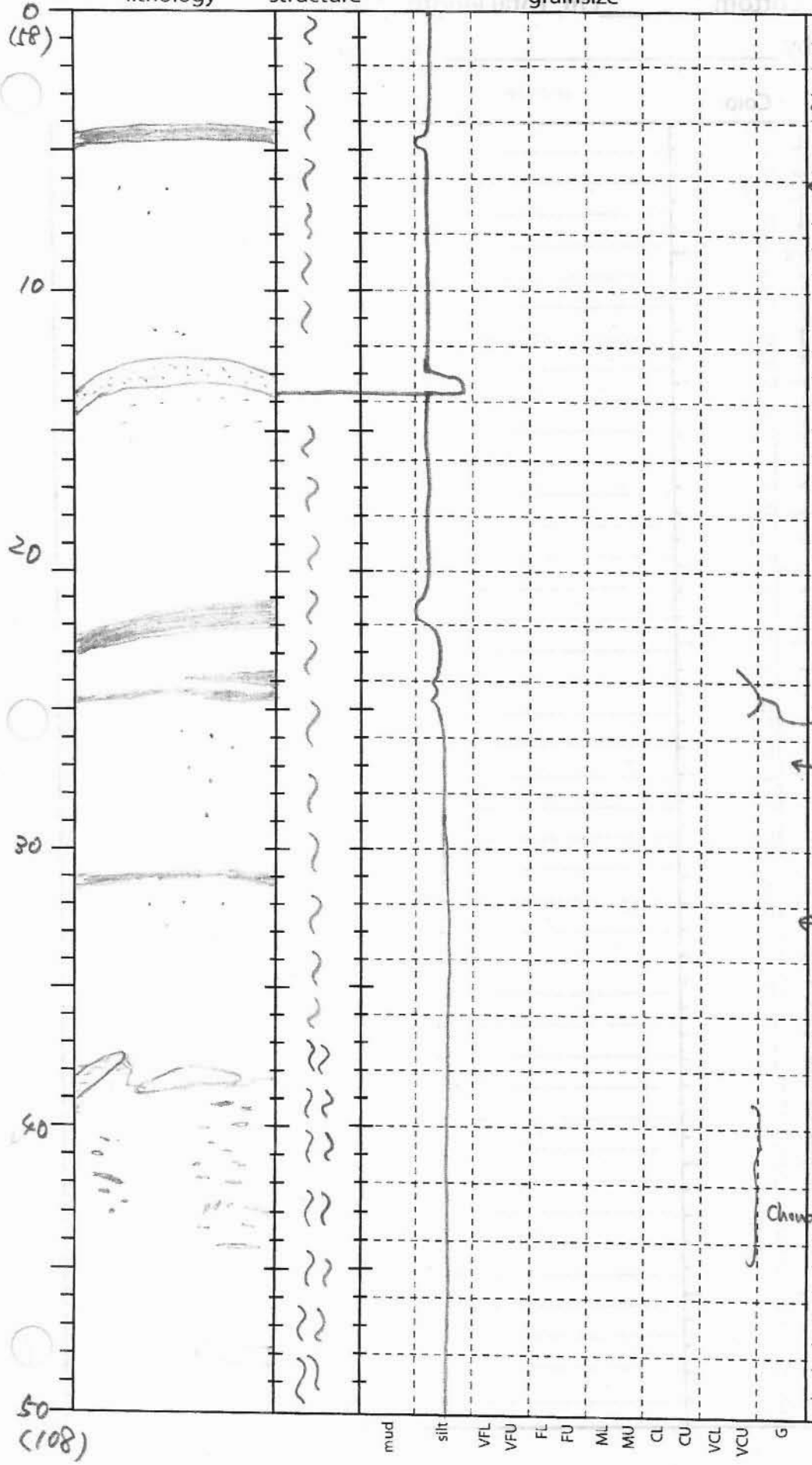
50-58cm: GLEY1 5/10Y silt with a greenish layer

44.5-45.3cm: Greenish (GLEY1 5/5GY) clayey silt

58cm

CORE LOG Core No. RR0705-67PC Section No. 2 sheet 1 of 3

Date 31/05/2007 Described by Ken Archive/Working



0-3.9cm: GLEY1 4/10Y silt with greenish layers & a c.silt layer

4-4.7cm: greenish (GLEY1 6/5GY) clayey silt

← forams

12.5-13.5cm: GLEY1 4/10Y c.silt

21-22cm: greenish clayey silt

below 22cm: a little coarser than upper. foram bearing

23.8-24.0, 24.2-24.7) greenish clayey silt layers

← forams

30.8-31.1: darker layer

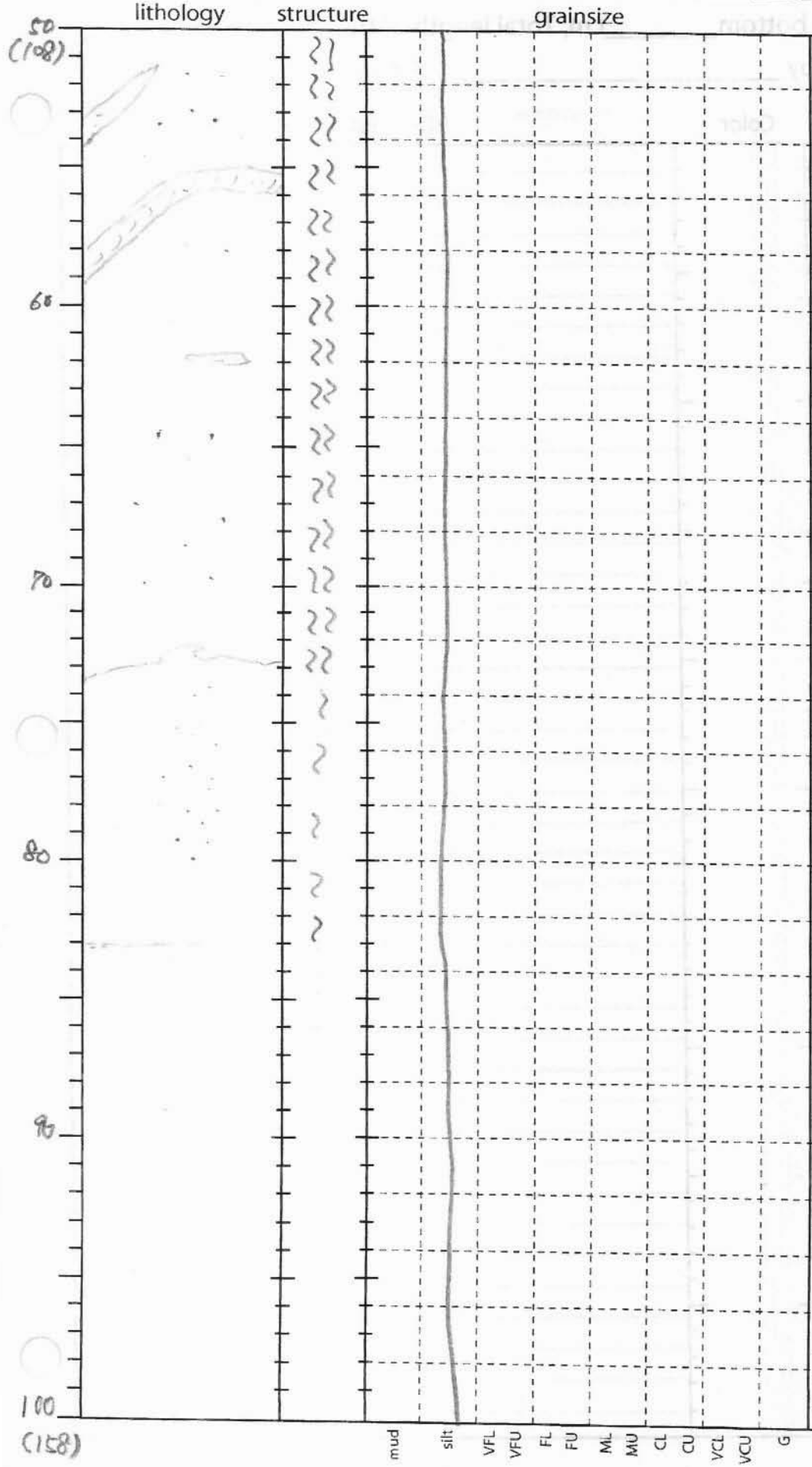
← forams

39-50cm: GLEY1 5/10Y silt bioturbated slightly lighter than upper boundary bioturbated & irregular foram bearing

Chondrites

CORE LOG Core No. RR0705-67PC Section No. 2 sheet 2 of 3

Date 31/05/2007 Described by Ken Archive/Working



50-73cm: GLEY1 5/10Y silt bioturbated foram bearing

Zoophycos?

forams

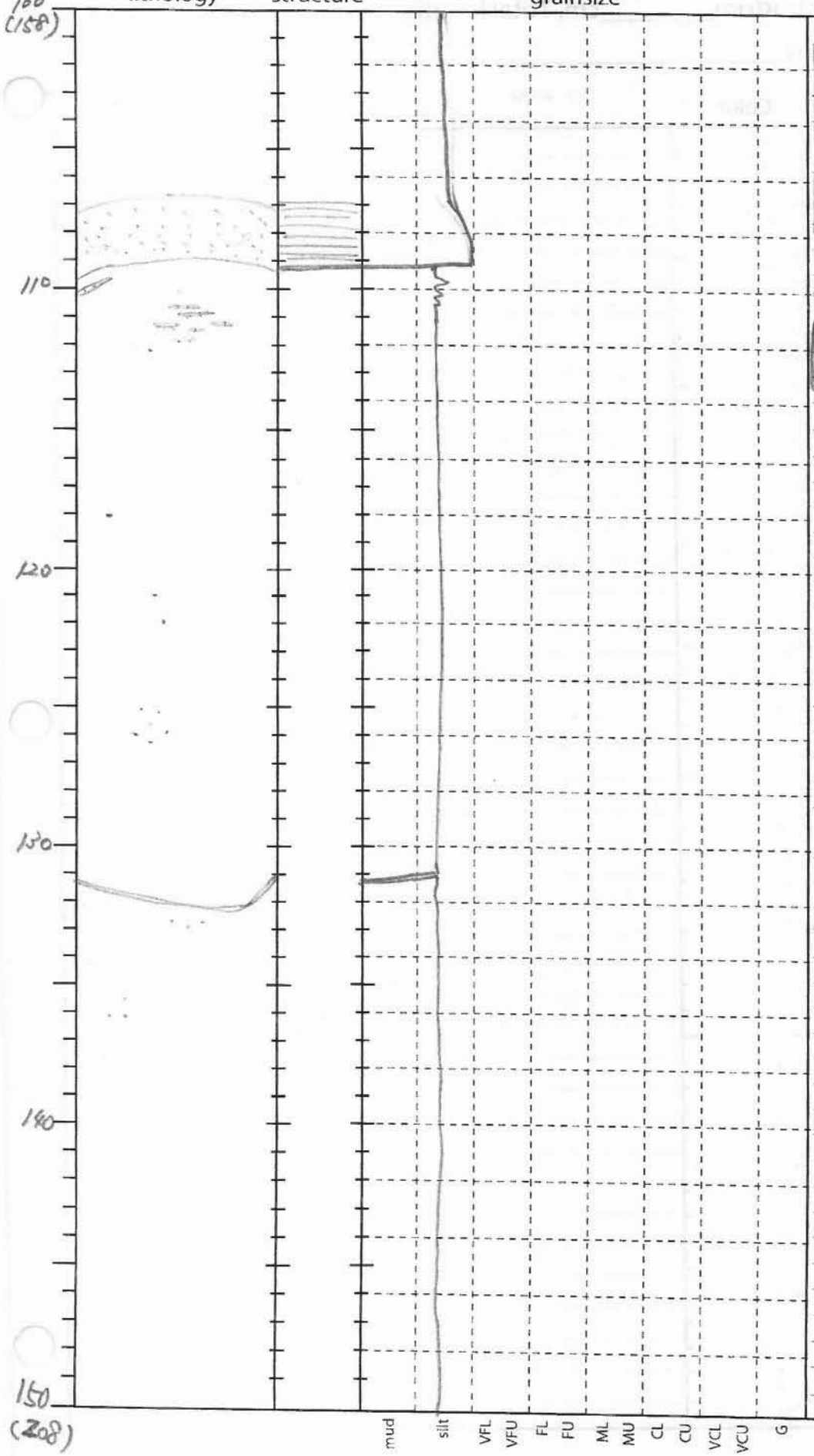
73-83cm: GLEY1 4/10Y silt bioturbated slightly darker than upper

forams

83-100cm: GLEY1 5/10Y silt less foram. moderately sorted boundary indistinct & gradual

CORE LOG Core No. RR0705-67PC Section No. 2 sheet 3 of 3

Date 31/05/2007 Described by Ken Archive/Working



100 - 107.5cm: GLEY1 5/10Y silt

GLEY1 5/10Y
107.5 - 109cm: c. silt parallel laminated? sharp base, upper gradual

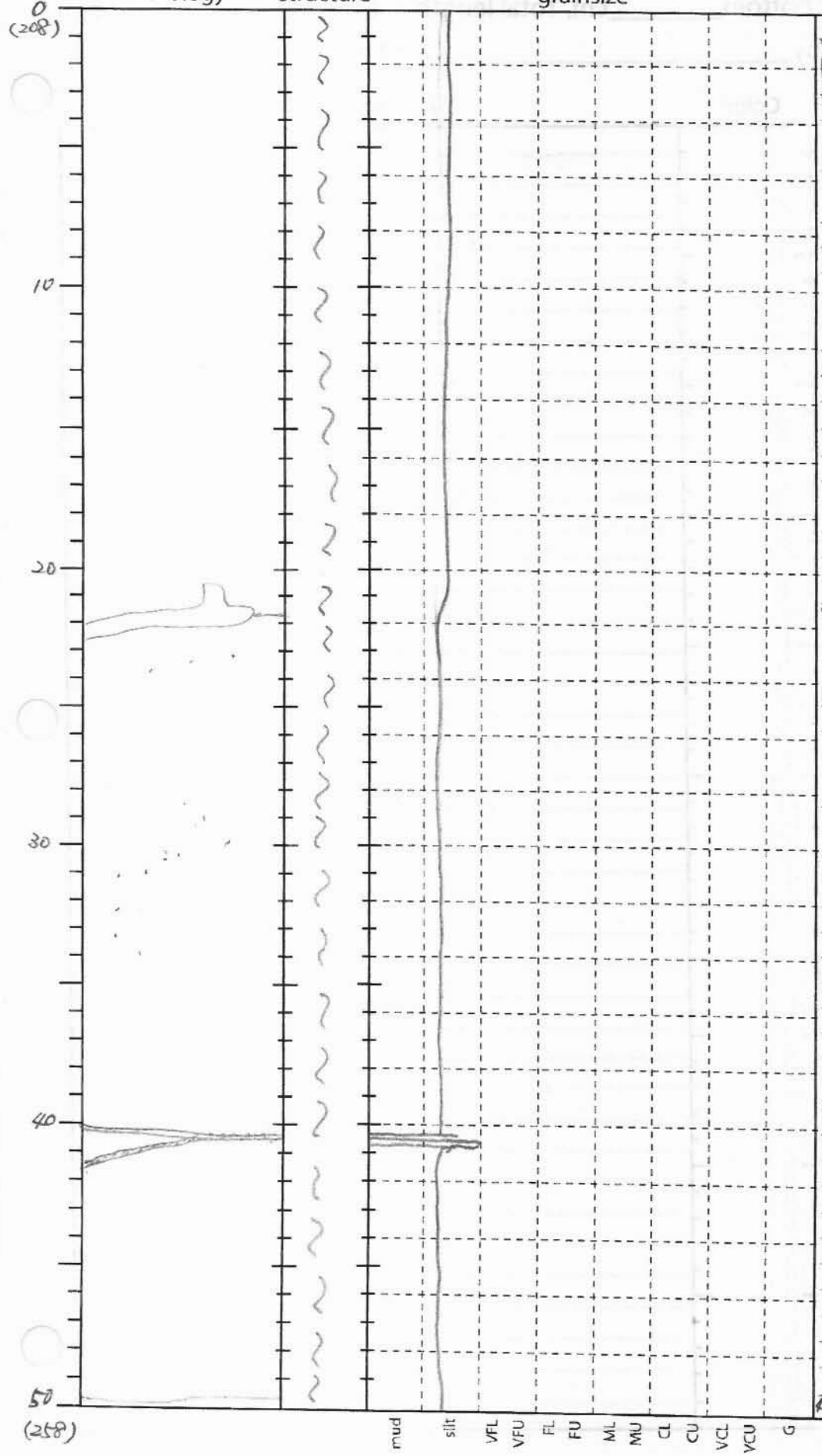
110.8 - 112.5: c. silt filled small burrows

109 - 150cm: GLEY1 4/10Y silt foram bearing bioturbated

132.1 - 132.2cm: crack (void)

CORE LOG Core No. RR0705-67PC Section No. 3 sheet 1 of 3

Date 31/05/2007 Described by Ken Archive/Working



0-21.5cm: GLEY1 4/10Y silt less foramis

21.5-~~49.5~~cm: GLEY1 4/10Y silt with c.silt foram rich darker than layer upper part, boundary bioturbated

40.2-40.4cm: crack (void)

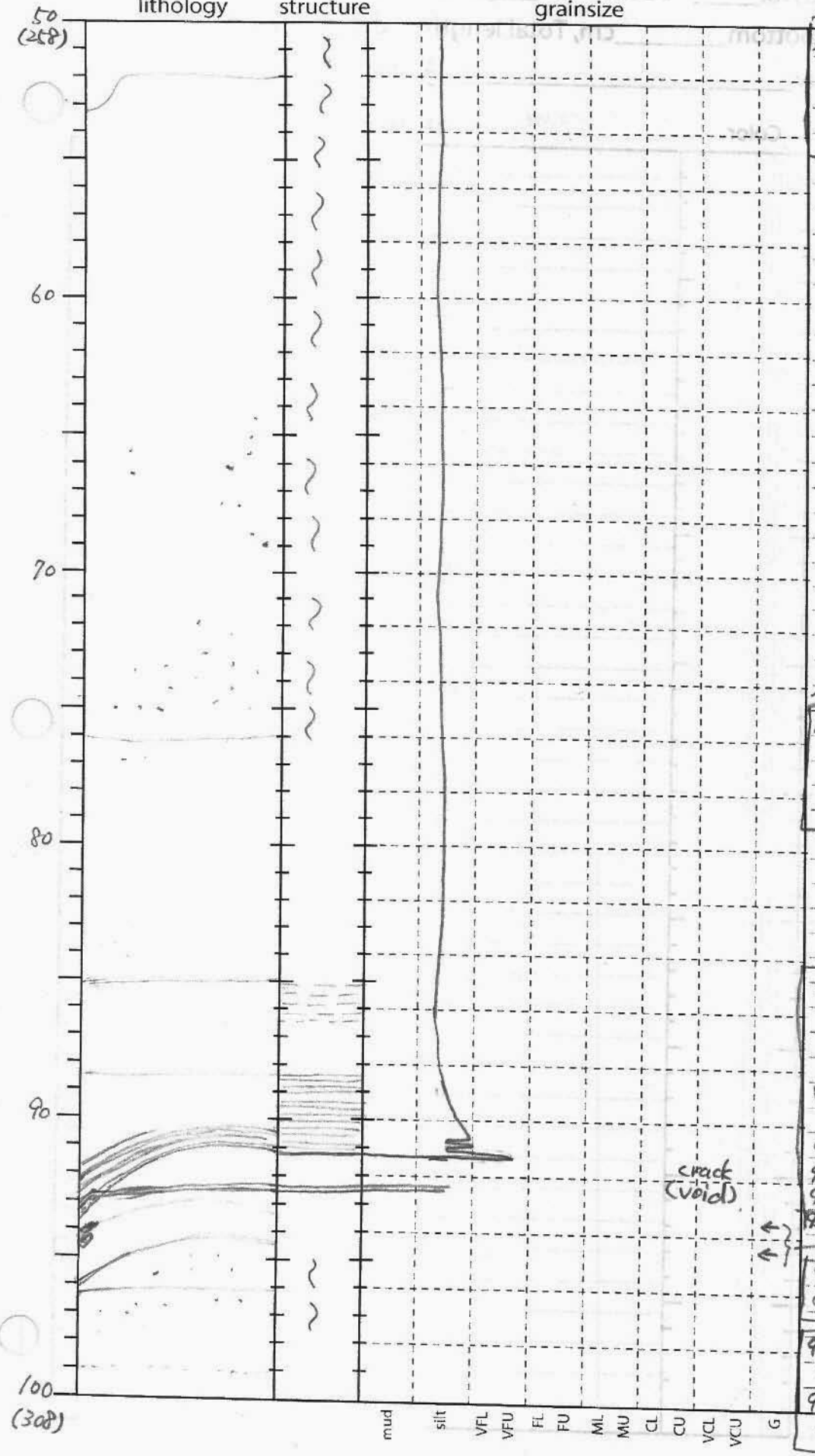
40.4-80.6cm: GLEY1 5/10Y c.silt

49.5-50cm: GLEY1 5/10Y silt

boundary gradual

CORE LOG Core No. RR0705-67PC Section No. 3 sheet 2 of 3

Date 31/05/2007 Described by Ken Archive/Working



50-52cm: GLEY1 5/10Y silt

52-76cm: GLEY1 4/10Y silt foram bearing with c. silt patches

forams

foram rich

76-85cm: GLEY1 7/10Y silt foram bearing less foram in lower part (80-85cm) boundary gradual

85-88.5cm: GLEY1 5/10Y silt upper part (85-86.5) faintly laminated sharp top

88.5-90.2cm: GLEY1 5/10Y m. silt parallel laminated?

90.2-90.4cm: c. silt

90.5-90.6cm: c. silt

90.8-91cm: c. silt - vf.s sharp base

92.2-92.4cm: crack (void)

c. silt layer

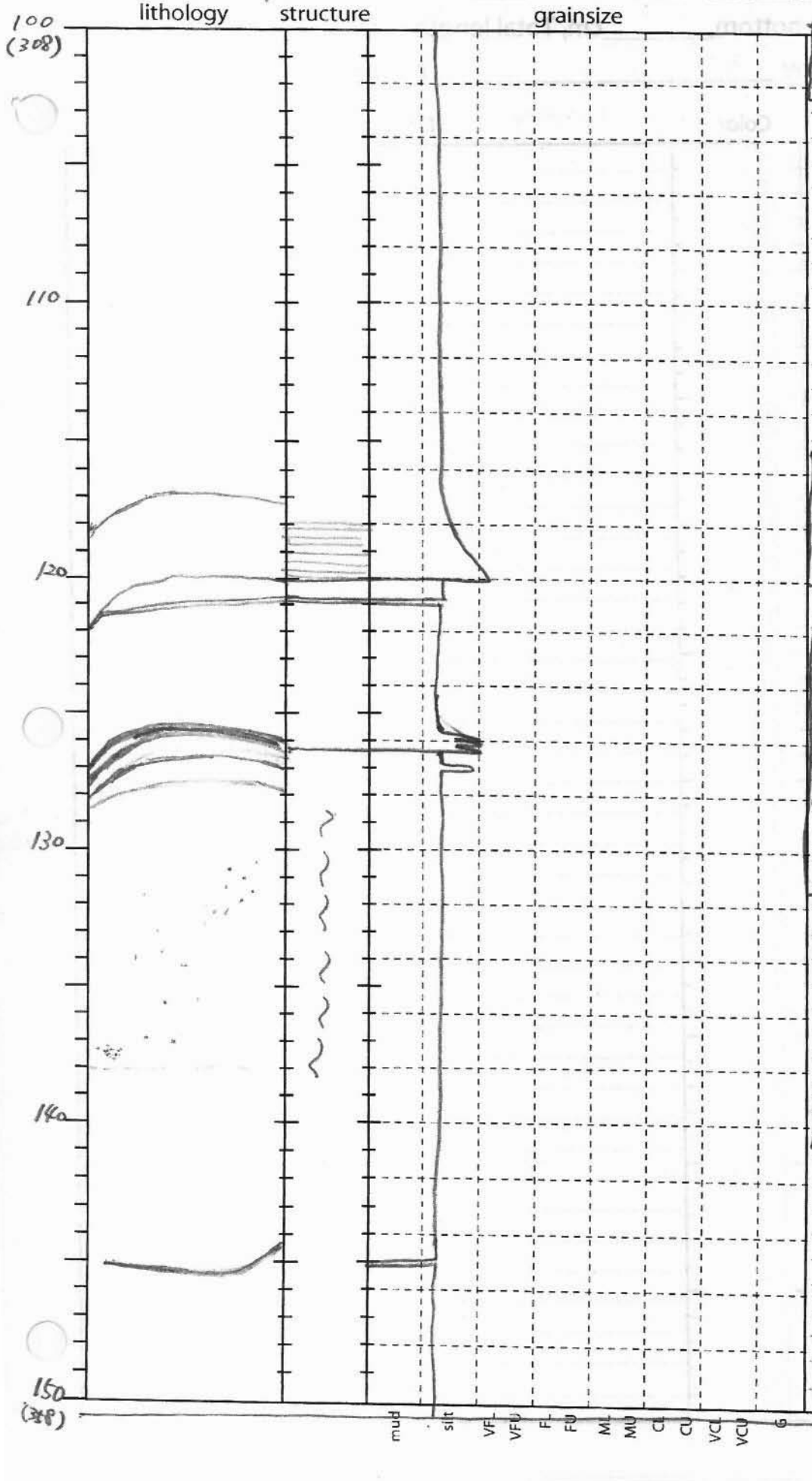
91-96.2cm: GLEY1 4/N silt with c. silt layers and patches

96.2-99cm: GLEY1 4/10Y silt foram bearing

99-100cm: GLEY1 5/10Y silt no foram. boundary gradual.

CORE LOG Core No. RR0705-67PC Section No. 3 sheet 3 of 3

Date 31/05/2007 Described by Ken Archive/Working



100 – 116.8cm: GLEY1 5/10Y silt
no foram

116.8 – 120cm: GLEY1 5/10Y c. silt
coarsest at base, sharp and erosional base, upward fining, lower part (118-120cm) parallel laminated

120.9 – 121cm: crack (void)

120 – 125.5cm: GLEY1 5/10Y silt, no foram

125.5 – 126.2cm: GLEY1 4/N c.silt-u.f.s.
Top and bottom sharp, three coarse layers.

126.2 – 127.8cm: GLEY1 4/10Y m.silt with a c.silt layer (126.8-127cm)

127.8 – 138cm: GLEY1 4/10Y silt
foram rich

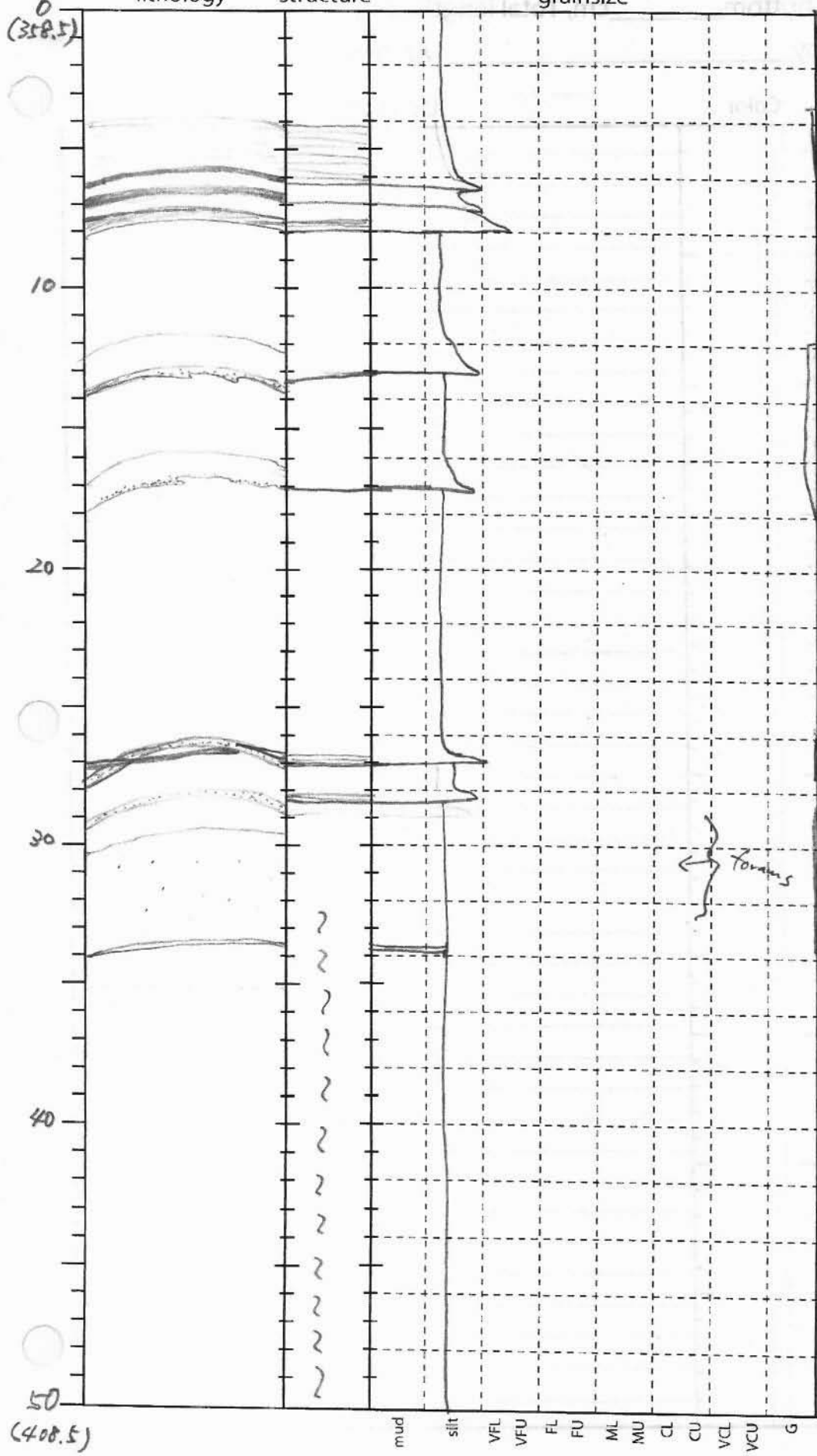
← foram patch

138 – 150.5cm: GLEY1 5/10Y silt
no foram

145.1 – 145.2cm: crack (void)

CORE LOG Core No. RR0705-67PC Section No. 4 sheet 1 of 3

Date 31/05/2007 Described by Ken Archive/Working



0-4cm: GLEY1 4/10Y silt
no foram

4-5.8cm: GLEY1 4/10Y m.silt upper boundary gradual
5.8-7cm: alternation of m.silt and v.f.s-c.silt
sharp base
7-12cm: GLEY1 5/10Y silt
no foram

12-13cm: GLEY1 5/10Y m.silt
lowermost 2mm c.silt lower boundary irregular
13-16cm: GLEY1 5/10Y silt no foram
16-17cm: GLEY1 5/10Y m.silt
lowermost 2mm c.silt lower boundary irregular
17-26.4cm: GLEY1 5/10Y silt
no foram

26.4-27cm: GLEY1 5/10Y v.f.s-c.silt paral. laminated
27-27.2cm: crack (void)
27.2-28cm: GLEY1 3/10Y m.silt
28-28.5cm: GLEY1 4/10Y c.silt
28.5-29.5cm: GLEY1 4/10Y silt, no foram
29.5-35cm: GLEY1 4/10Y silt foram bearing
slightly lighter than upper
33.7-33.8cm: crack (void)

35-50cm: GLEY1 4/10Y silt
with foram bioturbated

CORE LOG Core No. RR0705-67PC Section No. 4 sheet 2 of 3

Date 31/05/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (408.5)

50-60cm: GLEY1 4/10Y silt
foram bearing

51-55.5cm: foram rich

53.5-53.6cm: crack (void)

60

60-66cm: 5Y4/1 silt a little coarser than upper
less foram

63.4-63.5cm: crack (void)

65cm: gravel (subrounded) 3mm ϕ
← burrow

70

71-71.1cm: crack (void)

66-100cm: GLEY1 5/N silt
foram rich
bioturbated

80

90

100 (407.5)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-67PC Section No. 4 sheet 3 of 3

Date 31/05/2007 Described by Ken Archive/Working

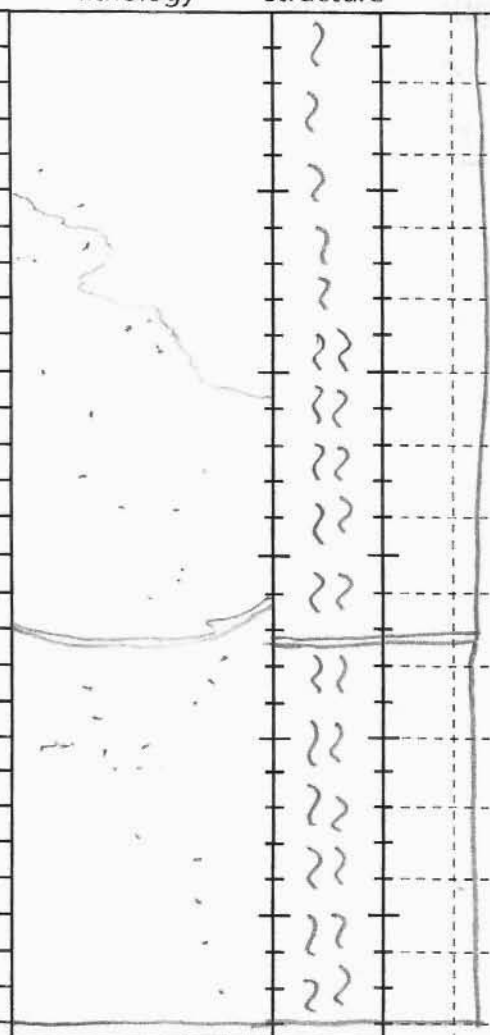
lithology structure grainsize

100 (458.5)

110

120

130



100-108cm: GLEY1 4/N silt foram bearing

108-128cm: GLEY1 4/N silt darker than upper foram rich

107.1-107.3cm: crack (void)

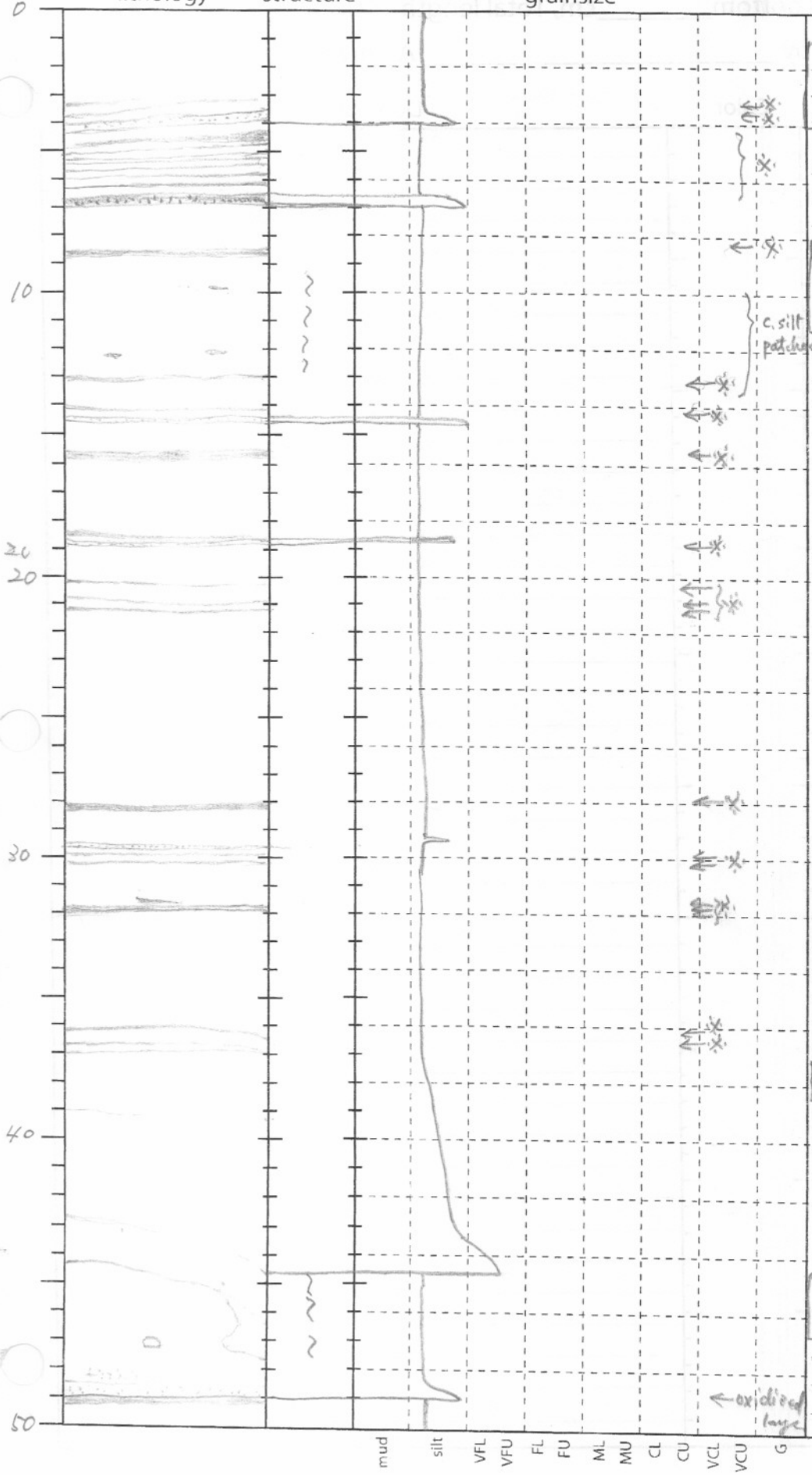
sample bottom 128cm

128.5cm (487cm)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-70TC Section No. 1 sheet 1 of 2

Date 01/06/2007 Described by Ken Archive/Working



Top: 2.5Y4/2 silt

0-8.8cm: 2.5Y4/2 silt with oxidized (10YR4/1-2.5Y4/1) brown-dark brown layers and two c-m. silt layers

3.5-4.0cm: 2.5Y4/1 m. silt sharp base
'x' oxidized layers

6.5-7cm: 2.5Y3/1 c. silt sharp top & base

8.8-37cm: 5Y4/1 silt with oxidized brown layers and thin (2.5Y4/2) v.f.s. layers

14.3-14.5cm: 5Y4/1 c. silt - v.f.s sharp top & base

18.6-18.8cm: 5Y4/1 c. silt sharp top & base

29.5cm: 5Y4/1 m. silt layer <1mm thick

37-44.5cm: upward fining v.f.s - m. silt

37-39cm: 5Y4/1 m. silt

39-42.5cm: 5Y4/1 m-c. silt (slightly lighter than upper)

42.5-44.5cm: 5Y4/1 v.f.s-c. silt
ash rich? biotite sharp base
base partly bioturbated

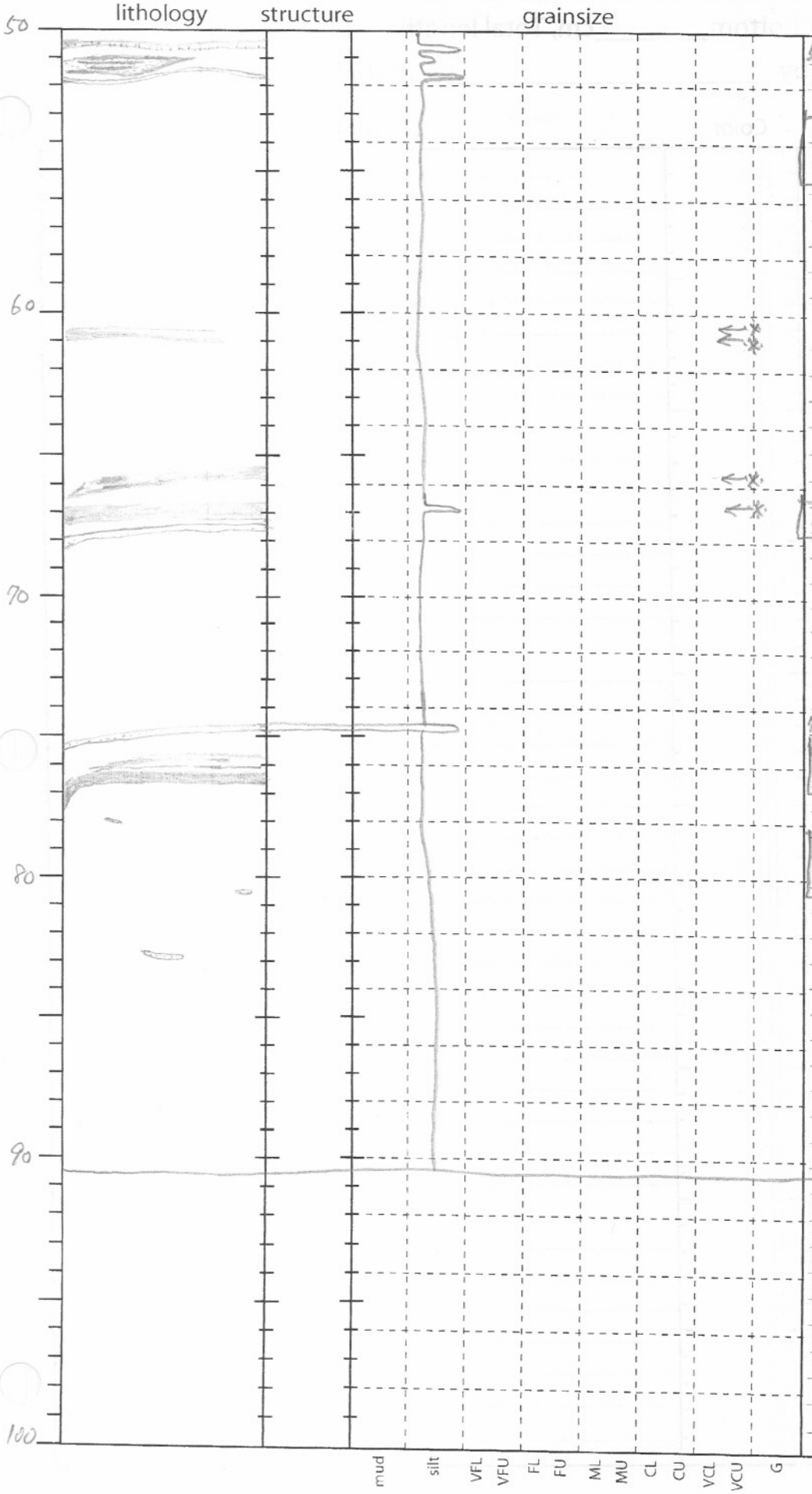
44.5-50cm: 5Y4/1 silt with a brown oxidized and c. silt layer

← burrows

48.5-49cm: 5Y4/1 c. silt

CORE LOG Core No. RR0705-70TC Section No. 1 sheet 2 of 2

Date 01/06/2007 Described by Ken Archive/Working



50.2-50.5, 51.7-51.8; 5Y4/1 c. silt

51-51.5cm; c. silt layers with lighter m. silt layers

ash?

50-67.5cm; 5Y4/1, silt with brown oxidized layers and thin c. silt layer

67.5-75cm; GLEY1 5/10Y silt with two c. silt layers

67.5-67.9cm; c. silt layer

74.8-75cm; c. silt layer sharp top & base

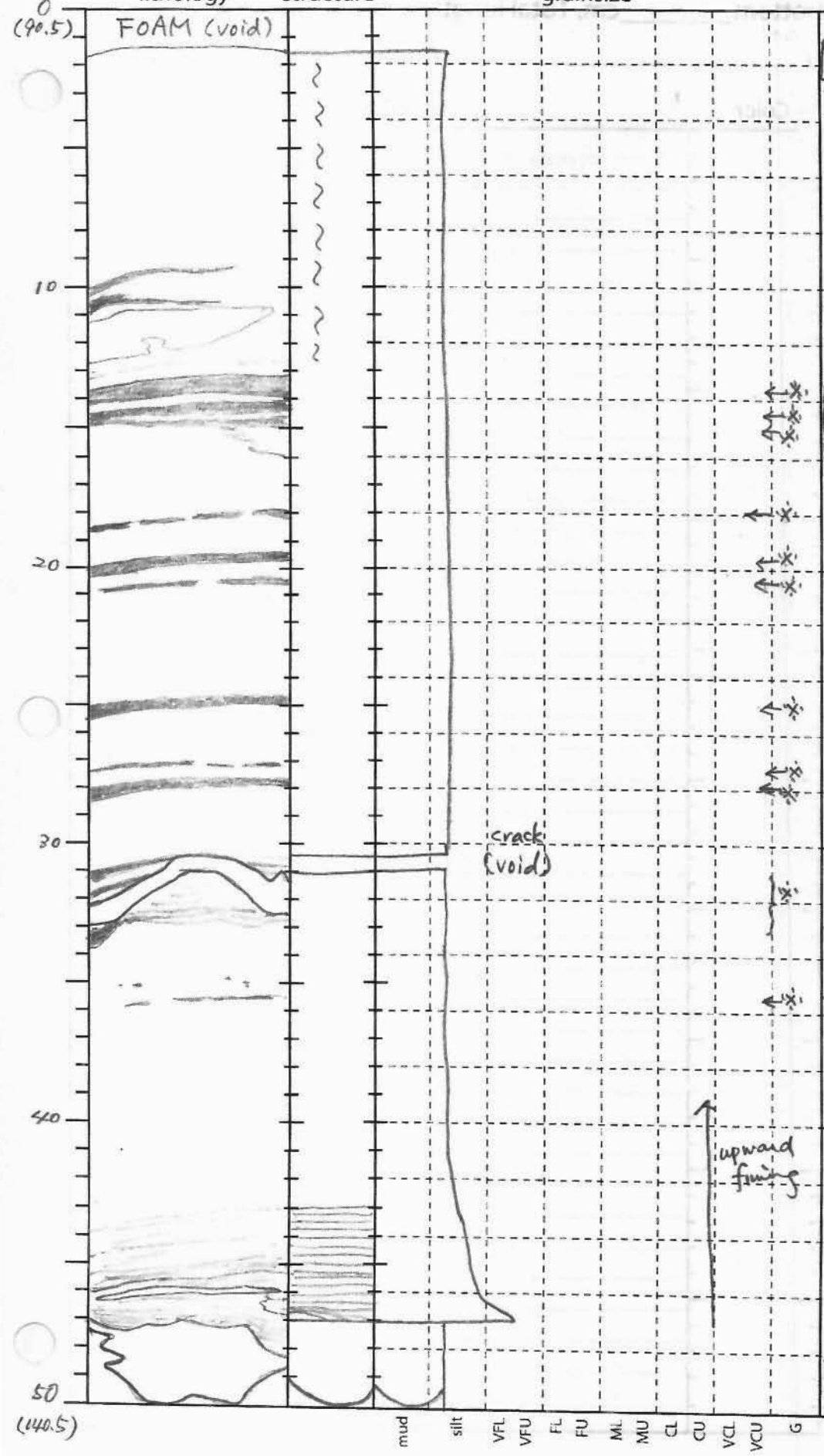
75-76.5cm; 2.5Y4/2 silt, oxidized brown layers at bottom

76.5-90.5cm; GLEY1 4/N silt with c. silt patches

90.5cm

CORE LOG Core No. RR0705-70TC Section No. 2 sheet 1 of 2

Date 01/06/2007 Described by Ken Archive/Working



0-1.5cm void

1.5-12.5cm: GLEY1 5/N silt bioturbated

2.5Y4/2 oxidized layer

11-12.5cm: GLEY1 4/10Y (darker) burrow?

12.5-33cm: 5Y4/1 silt with brown oxidized layers (10YR4/1-2.5Y4/2)

'X' oxidized layers

13-15 cm (3 layers), 18-18.2, 19.5-19.8, 20.2-20.5, 24.6-25, 27.2-27.4, 27.7-28, 30-33cm

30.3-31cm: crack (void)

33-47cm: upward fining v.f.s.-silt

33-35.5cm: GLEY1 4/10Y silt

35.5-43cm: GLEY1 4/10Y m-c.silt

43-47cm: GLEY1 4/10Y v.f.s parallel laminated sharp base

'X' oxidized layer: 35.4-35.5cm

47-50cm: GLEY1 4/10Y silt

lower boundary irregular — multiple?

outer side 10YR4/1 silt (oxidized)

CORE LOG Core No. RR0705-70TC Section No. 2 sheet 2 of 2

Date 01/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (140.5)

50-59cm: 10YR4/1 silt with two c.silt layers and brown oxidized layers

50.6-50.8: 2.5Y4/1 c.silt

56-57.3: dark brown oxidized layer

57.3-57.5: 2.5Y3/1 c.silt

60

59-65.5cm: upward fining v.f.s-m.silt

59-61cm: 5Y4/1 m.silt

61-64cm: 5Y4/1 c.silt

64-65.5cm: 5Y5/1 c.silt-v.f.s parallel laminated, sharp base

65.5-90.5cm: GLEY1 5/10Y silt with thin c.silt layers and oxidized layers, c.silt patches at lowermost.

68-68.2: 5Y4/1 c.silt base oxidized

69.7-69.9, 70.1-70.3, 71.5-71.7: c.silt layers

70

inclined oxidized layers

80

distorted oxidized layers

←} c.silt patch.

←}

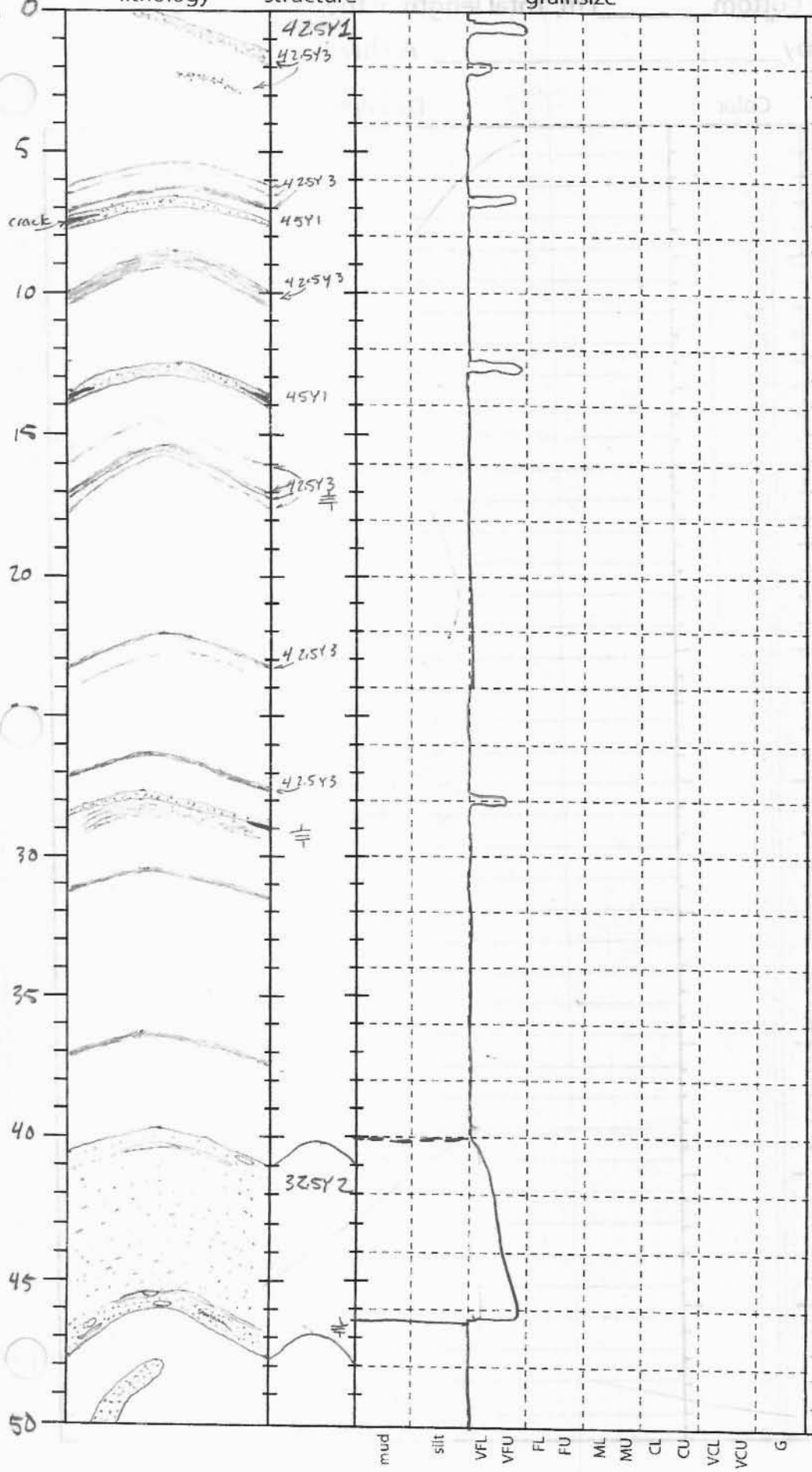
90 (180.5)

90.5cm (181cm)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-70PC Section No. (1) sheet 1 of 2

Date 6/1/07 GMT Described by PATTON Archive/Working



0 to 40cm: dark grey silt with v.f. sand lams and oxidized lams.

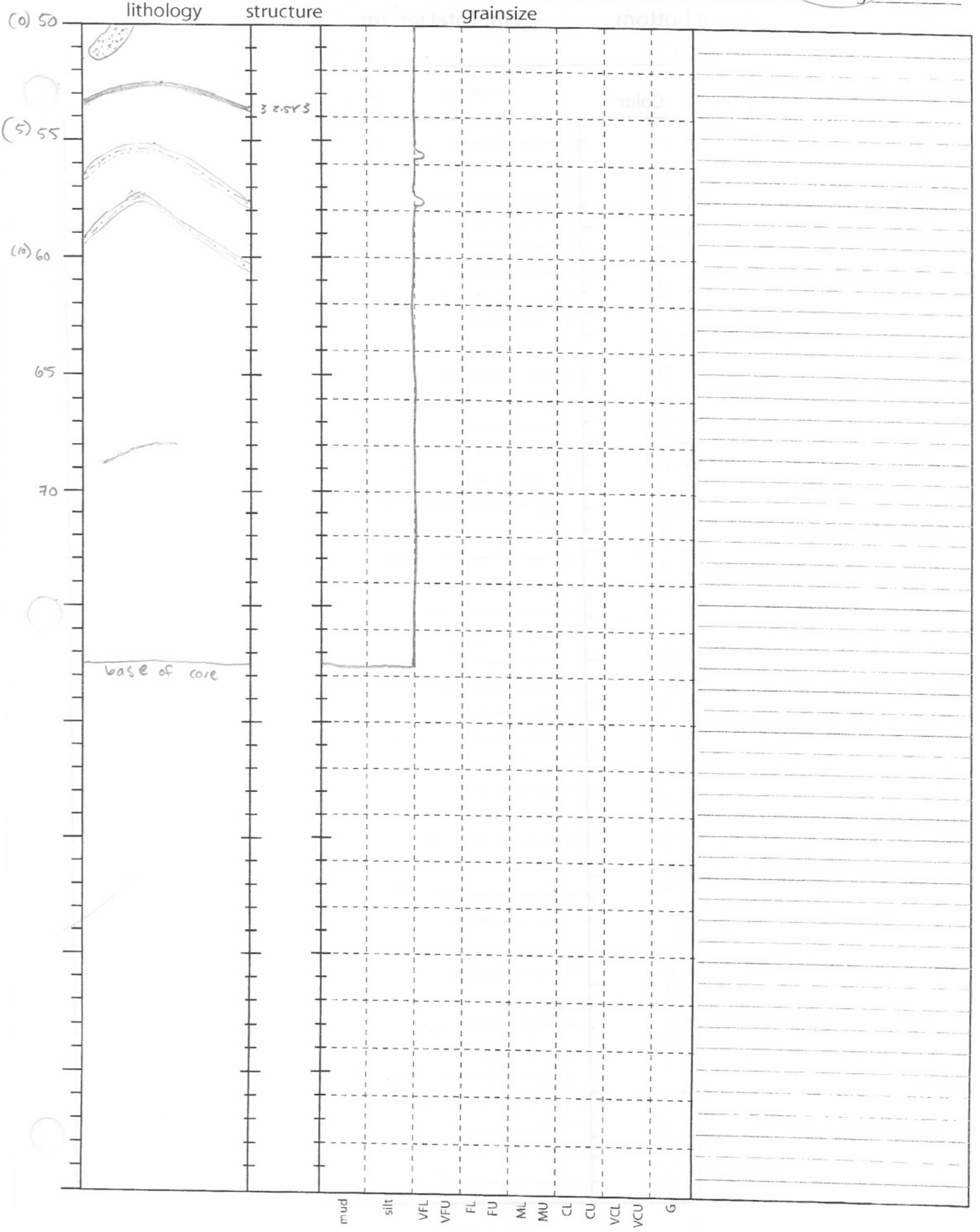
lams: 0cm: 2 to 3mm dk grey si to vf sa
5.5cm: two <1 mm olive brown si lams
6.25cm: one 1mm olive brown si lam
6.5cm: 5 to 3mm dark grey silt to v.f. sand, sand is qz 50% mafics 30%, mica 20% trace coarse mica; crack
8.5cm: 6mm olive brown si lam
12.5cm: 7mm dark grey, silt to v.f. sand, sand is 90% qz 10% mica, trace mafics cracks on core edge.
14.5, 15.5, 15.8, 16.5: four olive brown silt lams.
22, 23: two olive brown si lams
26: one 3mm olive brown si lam
27.8cm: one 2 to 4mm dark grey si to v.f. sand lam. qz, mica sand. faint bx si lams (5-6mm thick) below sand lam.
30.5cm: one 3 to 4mm olive brown silt lam.
36.5cm: one 5mm faint olive brown silt lam.

40 to 46cm: dark grey silt to vf sand, sand: qz mica upper 7mm contains 1-2mm si lams; lower 10mm contains 1-2mm si lams. unit fines upwards

46 to 77.4cm: dark grey silt with coarse silt and oxidized lams
48 to 51.5: 8 x 40mm trace fossil, possibly a burrow
52.5cm: 2mm dark olive brown coarse silt lam
55.2cm: 3 to 4mm dark grey coarse si lam
57.2cm: 3 to 4mm dark grey coarse silt lam
67cm: 3mm thick faint dark grey silt lam

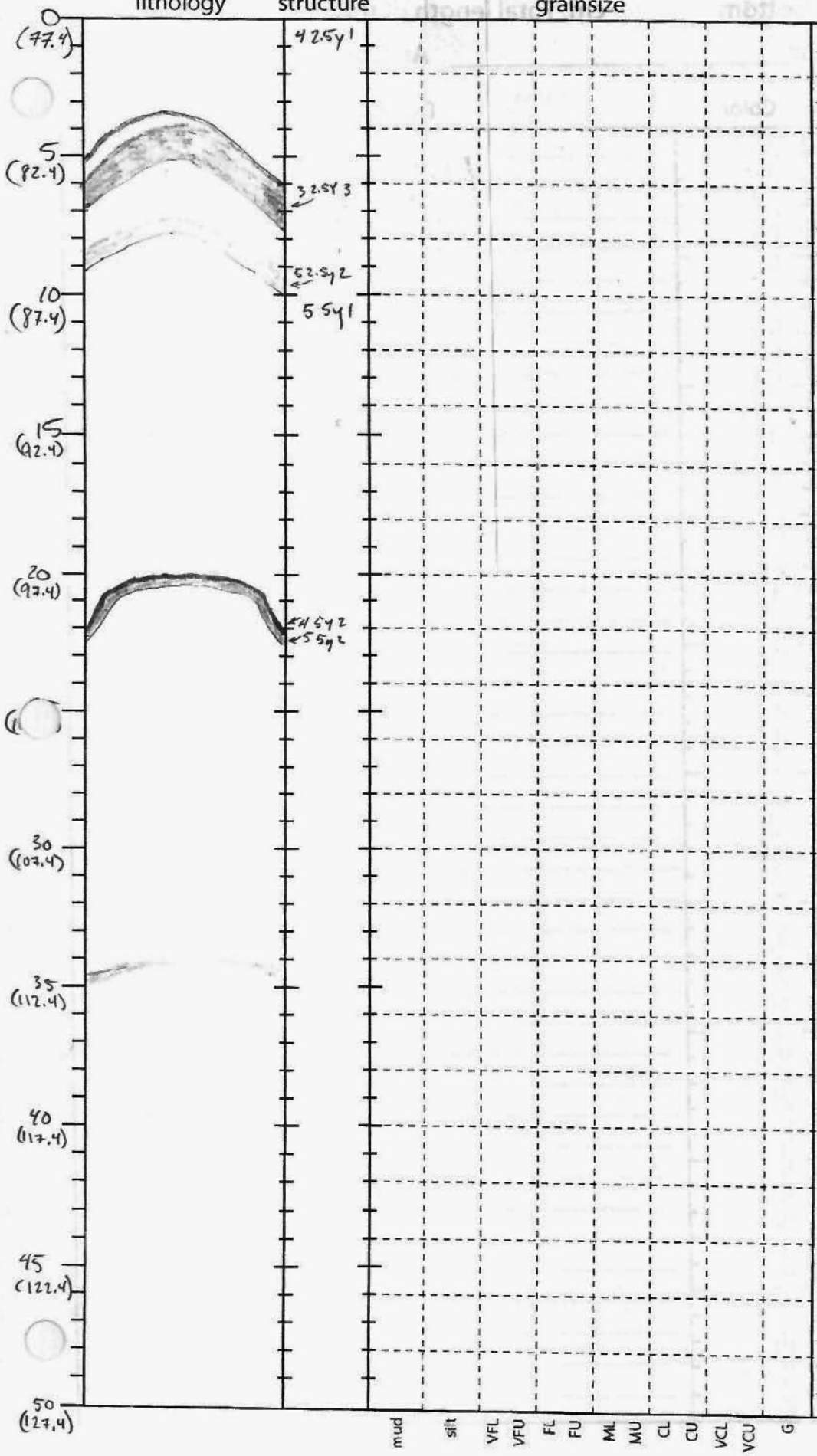
CORE LOG Core No. RR0705-70PC Section No. (1) sheet 2 of 2

Date 6/1/07 GMT Described by PATTON Archive/Working



CORE LOG Core No. RR0705 - 70PC Section No. (2) 77.4 to 228.8 sheet 1 of 3

Date 6/1/07 GMT Described by PATTON Archive/Working

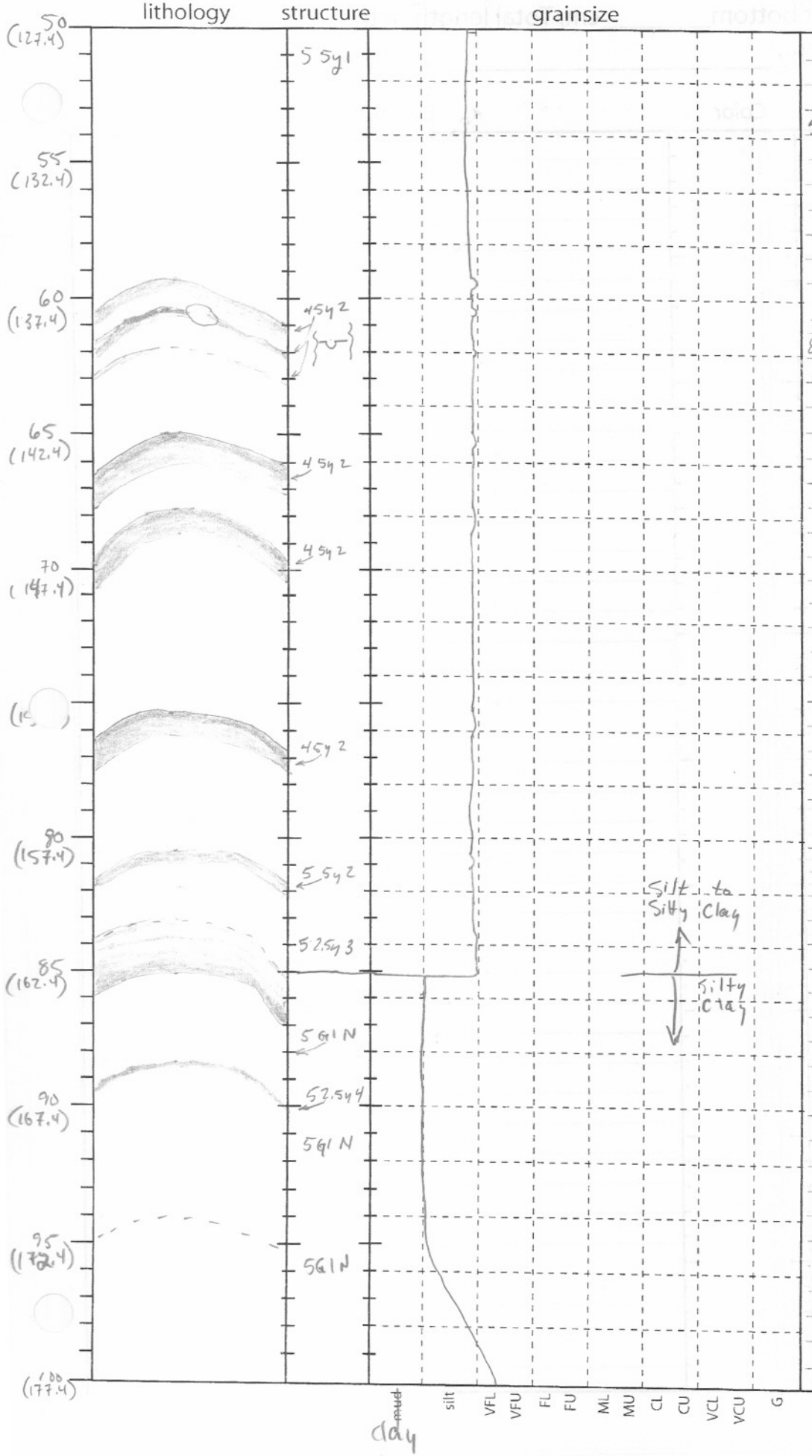


0 to 7.9 cm: dark grey silt with two color lams:
3.5 to 5 cm: one 2 mm dark olive brown lam and one 7 to 9 mm dark olive brown lam
7.5 cm: 7 mm thick: 0.5 to 1 mm greyish brown to light olive brown lams

7.9 to 85.4 cm: grey Silt to clay with rare color lams:
20 cm: 2 mm olive grey lam Si lighter 3 mm olive grey lam Si
37.8 cm: 5 mm very faint redder grey lam.

CORE LOG Core No. RR0705 - 70PC Section No. 2 77.4 to 228.8 sheet 2 of 3

Date 6/1/07 6mt Described by PATTON Archive/Working



7.9 to 85.4cm cont... grey silt to clay w/ lams

59.5 to 62 cm: three olive grey to grey, silt lams bioturbated ~30% at 59.5 cm; 60.4 cm; 61.9 cm

65.5 cm: 12 mm olive grey to grey silt lam

67.9 cm: 7 to 12 mm olive grey to grey silt lam

75.2 cm: 10 mm olive grey si lam.

80.6 cm: 3 mm olive grey si lam

82.9 cm: two olive lams at: 82.8 to 83.2; 83.4 to 85.5 and one light olive brown lam at 83.9 to 85.4 cm

85.4 to 94 cm: grey Silty Clay with a single light olive brown lam at 59.5. This lam is faint and 1 to 2 mm thick.

94 to 103.9 cm grey clay grading downcore to mica quartz silty vf sand

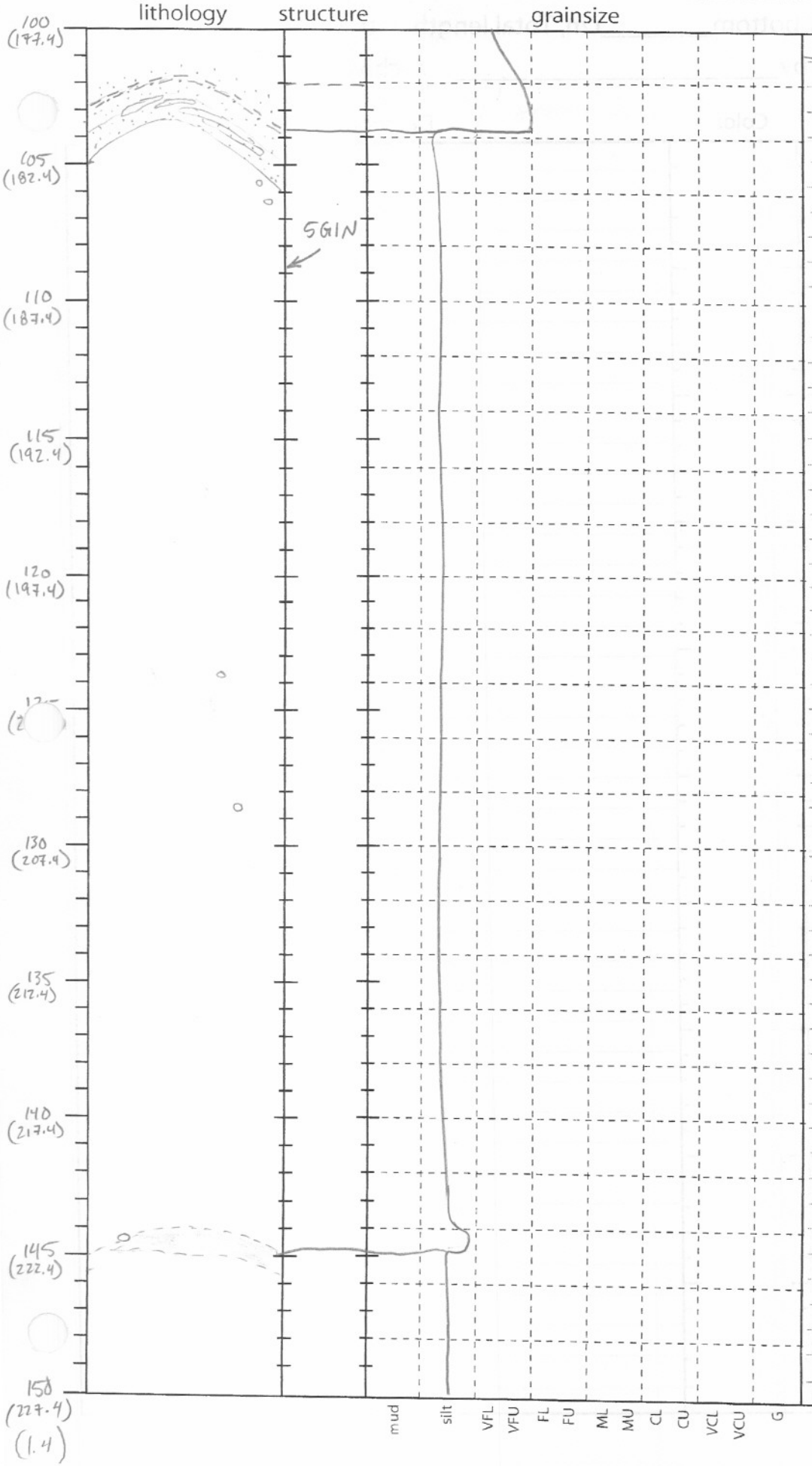
102.3 to 102.7: lam in ated vf sand

102.7 to 103.7. cross bedded vf sand;

103.7 to 103.9: lam in ated vf sand

CORE LOG Core No. RR0705-70PC Section No. 2 77.4 to 228.8 sheet 3 of 3

Date 6/1/07 GMT Described by PATTON Archive/Working



94 to 103.9 cm cont...

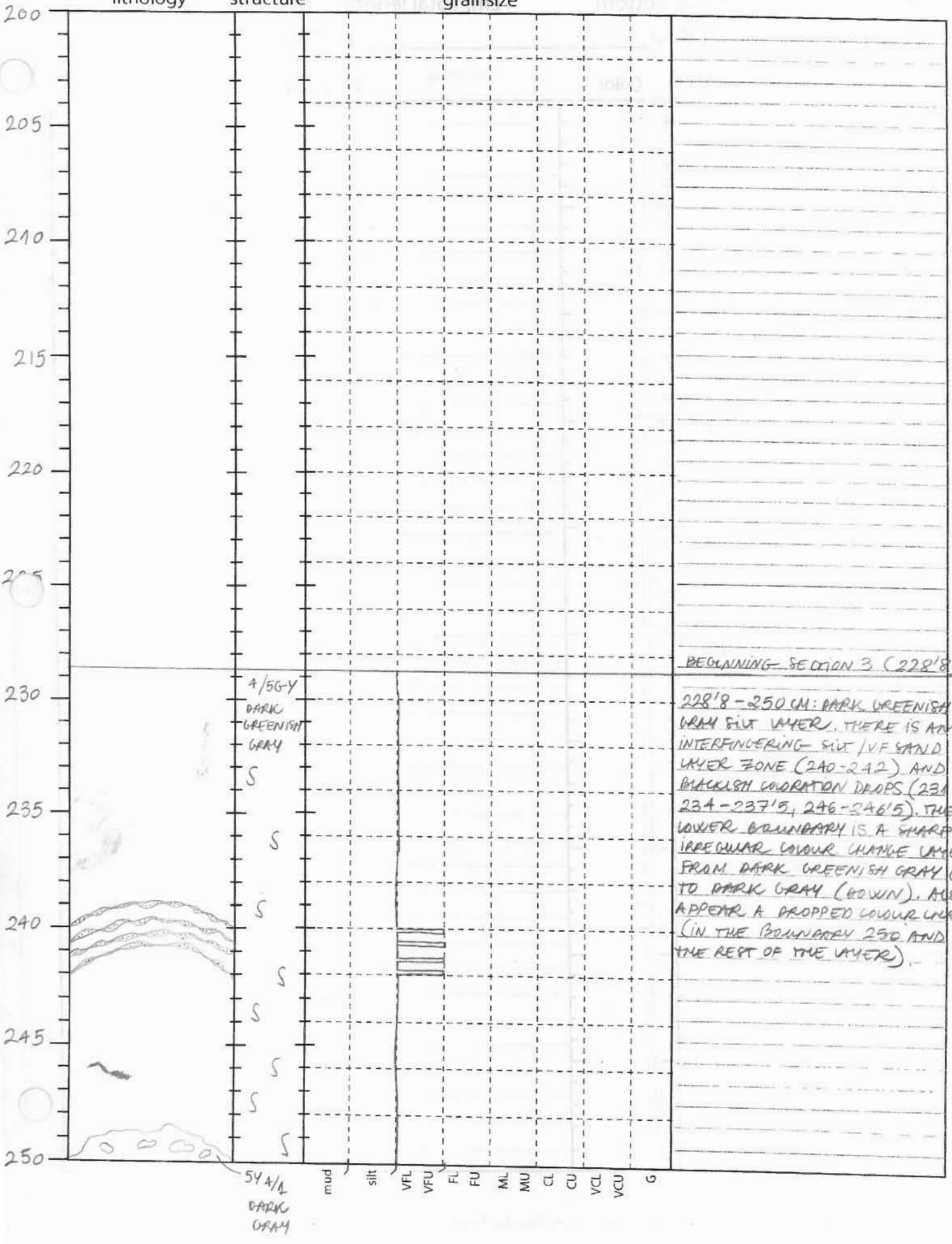
102.7 to 103.7 cont... patchos of lighter grey sand in darker grey mica & fz. sand

103.9 to 151.4 cm: grey silty clay. bioclasts at
105.5 cm
106.3 cm
123.3 cm
128.7 cm
144.5 cm
} 1 to 2 by 2 to 5 mm in size

144 to 145 cm: slightly redder grey silt lam.

CORE LOG Core No. RR0705-70PC Section No. 3 (228'8-378'6) sheet 1 of 4

Date 01/05/07 Described by ZORANA Archive/Working

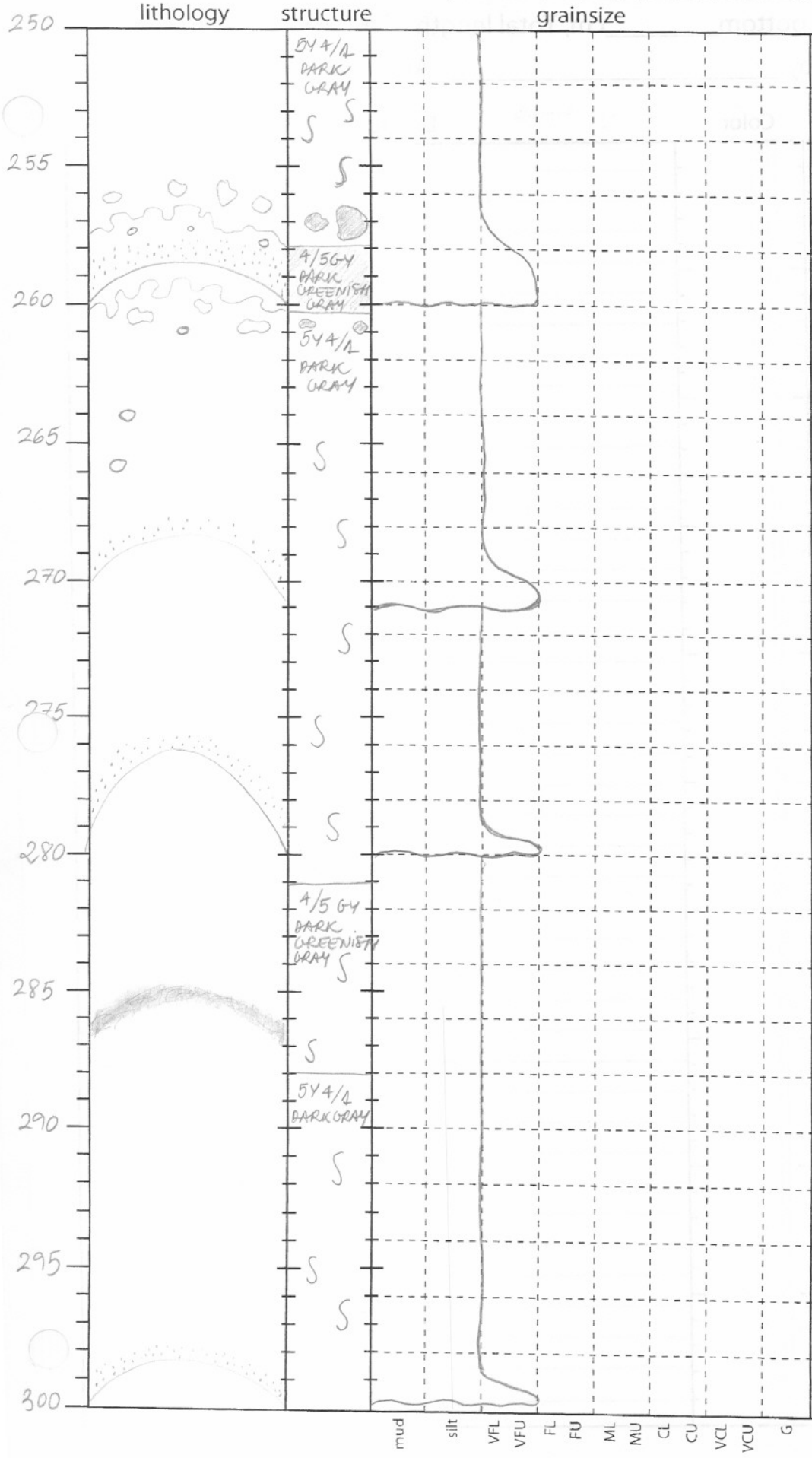


BEGINNING SECTION 3 (228'8)

228'8 - 250 CM: DARK GREENISH GRAY SILT LAYER. THERE IS AN INTERFINGERING SILT / VF SAND LAYER ZONE (240-242) AND BLACKISH COLORATION DROPS (231-234, 234-237'5, 246-246'5). THE LOWER BOUNDARY IS A SHARP IRREGULAR COLOUR CHANGE LAYER FROM DARK GREENISH GRAY (UP) TO DARK GRAY (DOWN). ALSO APPEAR A DROPPED COLOUR CHANGE (IN THE BOUNDARY 250 AND IN THE REST OF THE LAYER).

CORE LOG Core No. RR0705-70PC Section No. 3 sheet 2 of 4

Date 01/05/07 Described by ZORAIDA Archive/Working



250-260 CM (CONTINUATION OF THE SEQUENCE ABOVE). UPWARD DECREISING GRAINSIZE FROM V.FINE SAND (BASE) TO SILT (TOP). ALSO WITH THE GRAINSIZE CHANGE THE COLOUR CHANGE (V.F SAND → DARK GREENISH GRAY / SILT → DARK GRAY) / WHITISH SOFT SHAPES (257/5) AND DROPPED COLOUR CHANGES (BIOTURBATION). THE UPPER/LOWER BOUNDARY OF THE SAND LAYER IS A SHARP COLOUR CHANGE LAYER WITH AN IRREGULAR MORPHOLOGY. DIFFUSED SAND LAYER BOUNDARIES

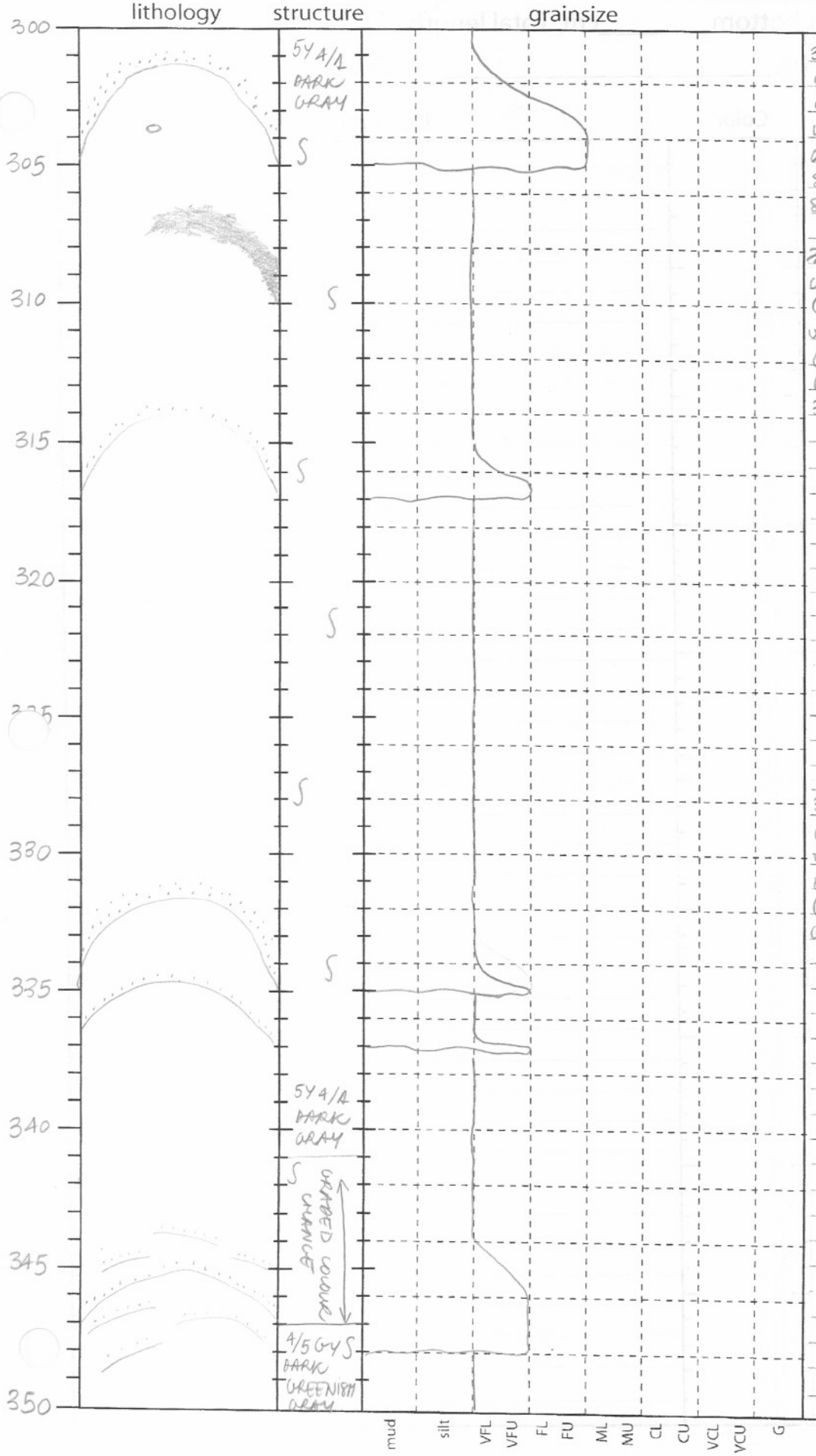
260-270 CM: DARK GRAY UPWARD DECREISING GRAINSIZE FROM V.FINE SAND TO SILT WITH A LOT OF BIOTURBATION (DROPPED COLOUR CHANGES). WHITISH SOFT SHAPES (261/264/266). DIFFUSED SAND LAYER BOUNDARIES.

270-280 CM: DARK GRAY UPWARD DECREISING GRAINSIZE SEQUENCE FROM V.FINE SAND TO SILT. (VERY BIOTURBATED). DIFFUSED SAND LAYER BOUNDARIES

280-300 CM: UPWARD DECREISING GRAINSIZE SEQUENCE FROM V.FINE SAND TO SILT / COLOUR CHANGE AT 288 FROM DARK GREENISH GRAY (UP) TO DARK GRAY (DOWN). BROWNISH OXIDIZED? LAYER, VERY LIGHT. THERE ARE A LOT OF BIOTURBATION (DROPPED COLOUR CHANGE) THE BOUNDARIES OF THE SAND LAYER ARE SHARPS AND WITH AN IRREGULAR MORPHOLOGY.

CORE LOG Core No. RR0705 - 70PC Section No. 3 sheet 3 of 4

Date 01/05/07 Described by ZORAIDA Archive/Working



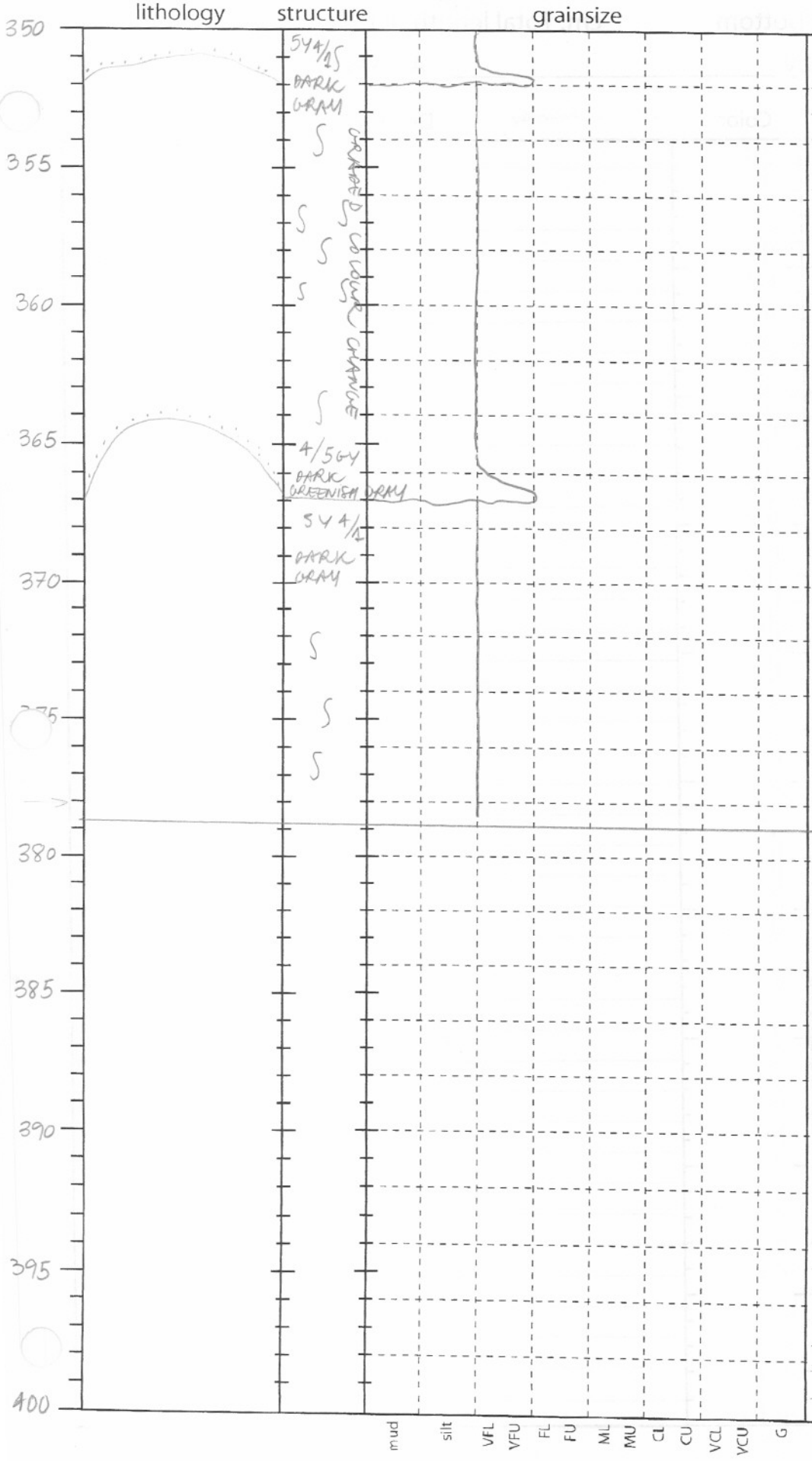
300 - 305 CM: DARK GRAY UPWARD GRAINSIZE DECREASING SEQUENCE (FROM FINE SANDS TO SILT). LAYERED OF THE SAND LAYER OBSERVABLE BY MICA LAMINATION. SHARP AND IREGULAR LOWER SAND LAYER BOUNDARY.

305 - 317: DARK GRAY UPWARD GRAINSIZE DECREASING SEQUENCE (FROM VERY FINE SANDS TO SILT) WITH DROPPED COLOUR CHANGES (BIOTURBATION) DARKISH COLOUR LAYER (MAYBE ALSO BIOTURBATION) 307 - 310. DIFFUSED BOUNDARIES.

336/5 - 348 CM: UPWARD DECREASING GRAINSIZE SEQUENCE (FROM VF SAND TO SILT). GRADED COLOUR CHANGE FROM DARK GREENISH GRAY (4/5GY) IN THE BASE TO DARK GRAY (5Y 4/1) IN THE TOP.

CORE LOG Core No. RR0705-70PC Section No. 3 sheet 4 of 4

Date 01/05/07 Described by ZORAIDA Archive/Working



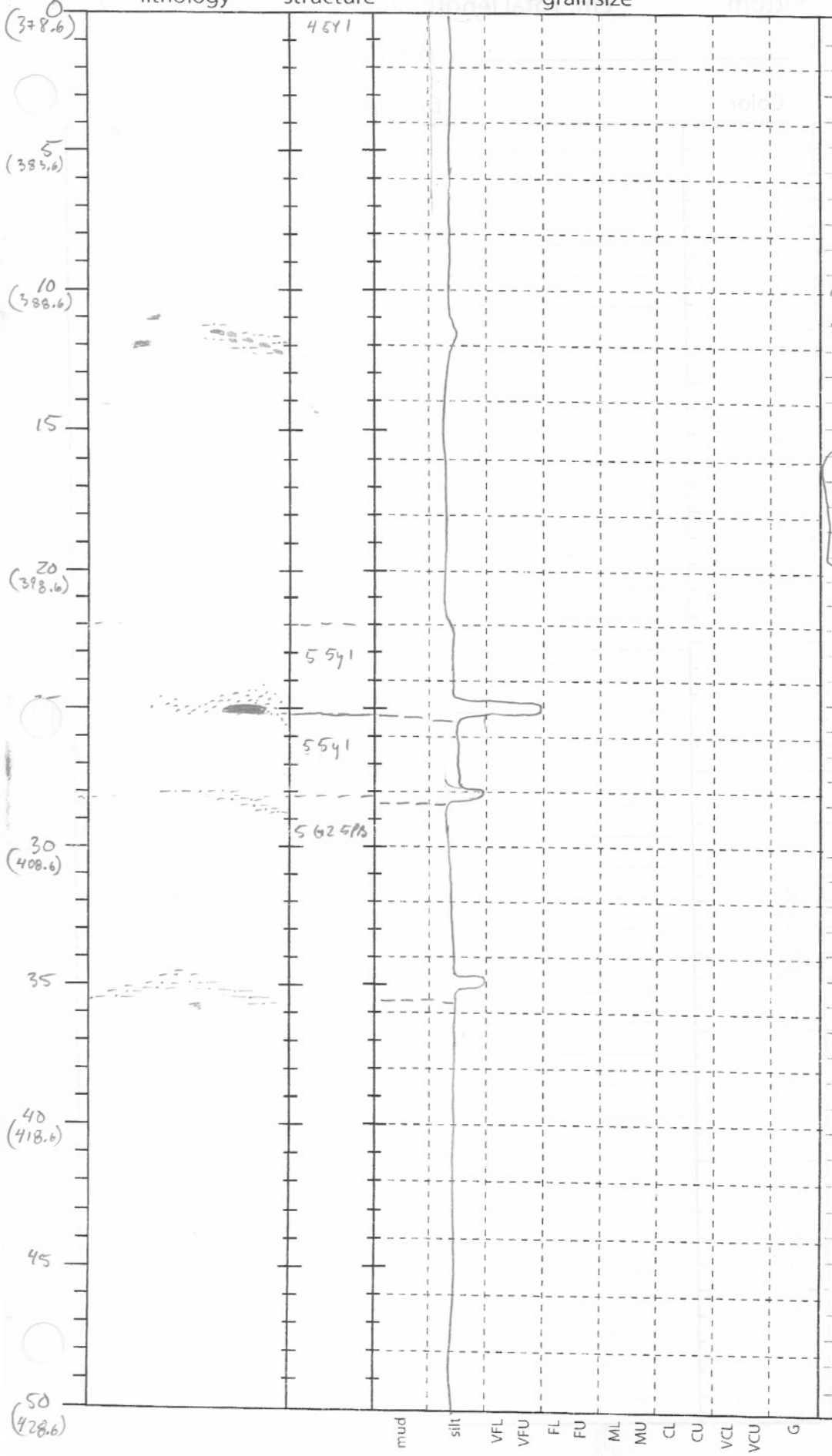
346 - 352 CM: UPWARD RECREISING GRAINSIZE SEQ FROM V.F SANDS TO SILT. BIOTURBATED AND GRADED COLOUR CHANGE (FROM DARK GRAY (BASE) TO DARK GREENISH GRAY (TOP). DIFFUSE BOUNDARIES

352 - 367 CM: UPWARD RECREISING GRAINSIZE SEQ FROM V.F SAND TO SILT. VERY BIOTURBATED (MORE FROM 356 TO 360). GRADED COLOUR CHANGE FROM DARK GRAY (TOP) TO DARK GREENISH GRAY (BASE).

END OF THE SECTION 3 378 CM

CORE LOG Core No. RR0705-70PC Section No. (4) 378.6 to 508.9 sheet 1 of 3

Date 6/1/07 GMT Described by PATTON Archive/Working



0 to 22 cm: dark grey massive silty-clay; black 1mm x 2mm to 2mm x 4mm blebs @ 11 and 12 cm

Silt partings at 10.5 to 11cm

Curved down core at edge of core

22 to 25.2 cm: grey silt grading down core to silty vf mica-quartz sand

1x10mm black bleb @ 25cm

25.2 to 28.2 cm: grey clay silt with 2 to 5mm thick silt partings at base

28.2 to 109.5 bluish grey silty clay with rare color and textural lams:

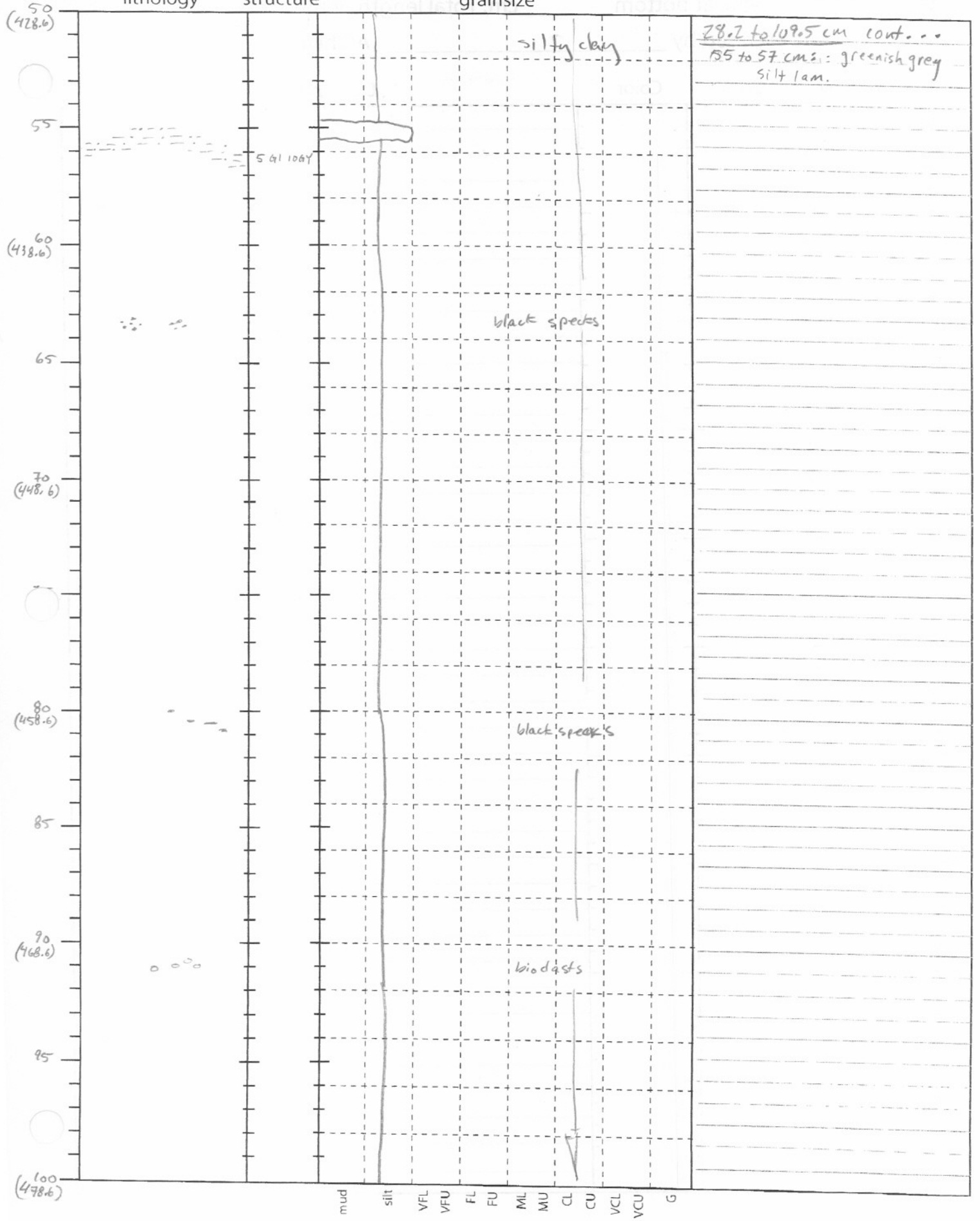
34.4 to 35.4cm: bluish grey silt lam with 1x2mm black speckles

also... 0.5 to 3mm black specks at 36, 63 to 64, 80 to 82, 101 to 105cm.

white bioclasts

CORE LOG Core No. RR0705 - 70PC Section No. (4) 378.6 to 508.9 sheet 2 of 3

Date 6/1/07 Described by PATTON Archive/Working

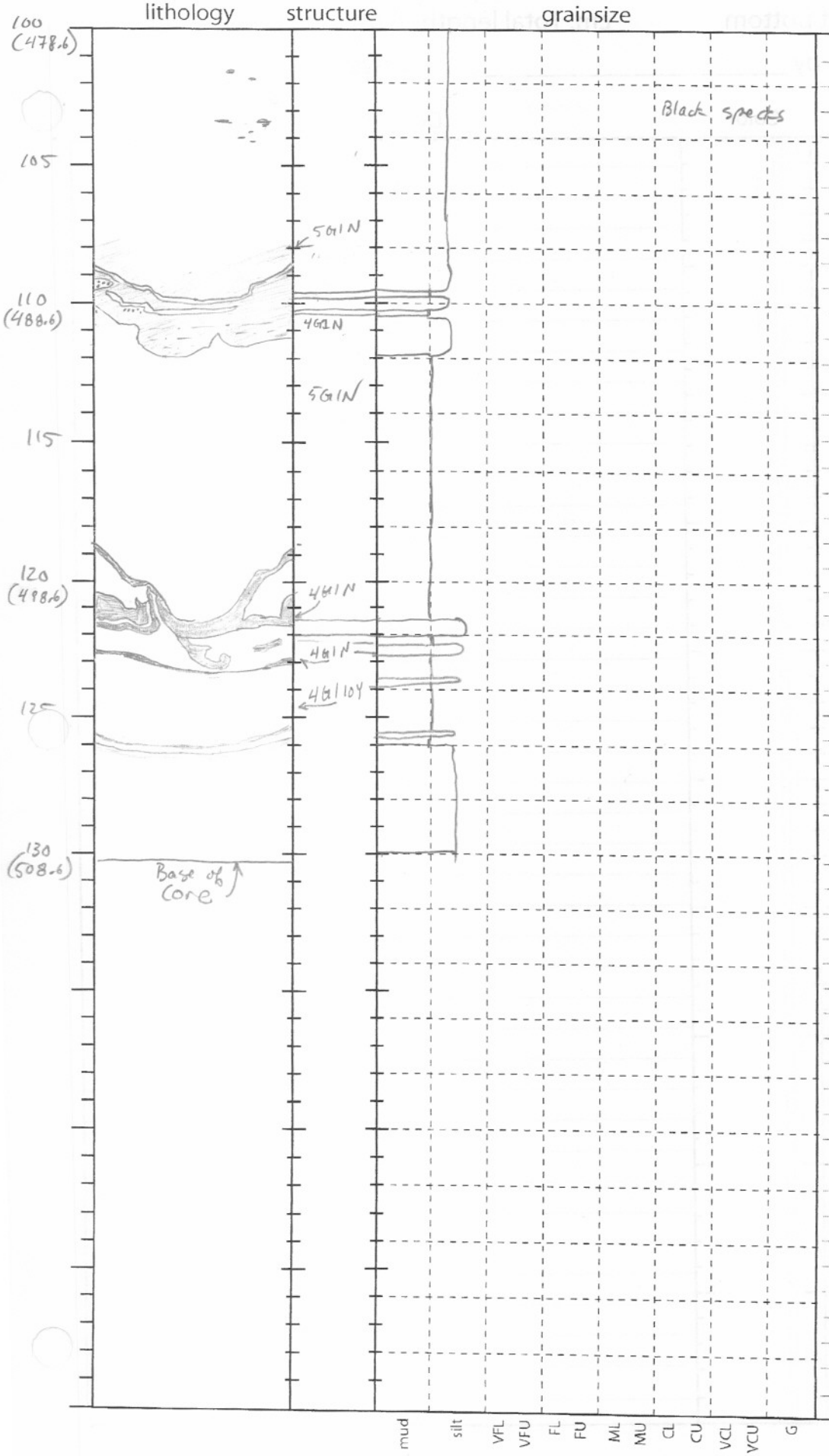


28.2 to 109.5 cm cont...

55 to 57 cms: greenish grey silt lam.

CORE LOG Core No. RR0705 - 70PC Section No. (4) 378.6 to 508.9 sheet 3 of 3

Date 6/1/07 Described by PATTON Archive/Working



28.2 to 109.5 cm. cont....

109.5 to 112 cm: dark grey coarse silt with two convoluted grey silty clay lams at 109.5 and 110.5 cm. lams are 1 to 3 mm thick. 15 x 7 mm vf sand rip-up clast at 109 cm. trace vf sand in main dark grey unit.

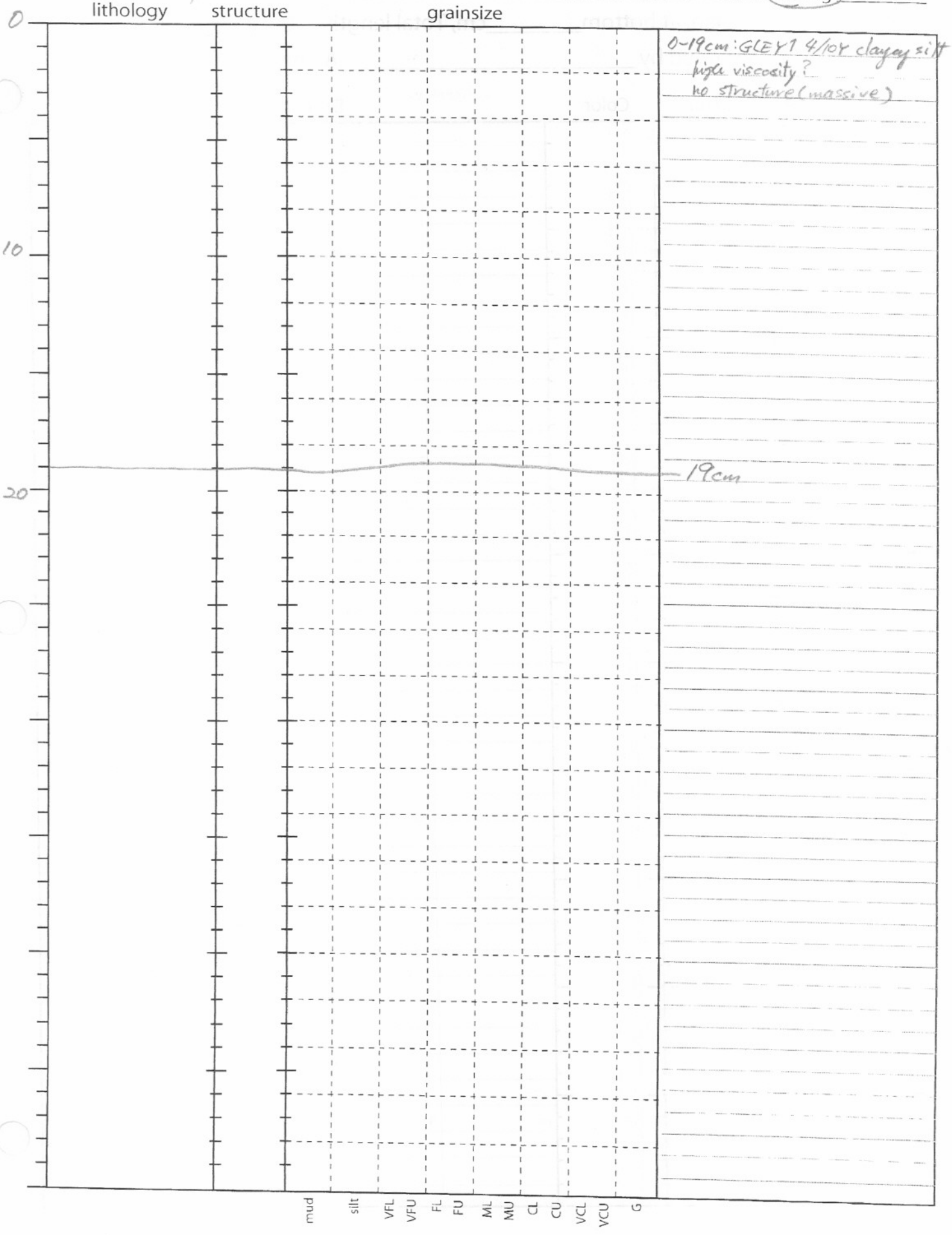
112 to 121.5 cm: massive grey clay

121.5 to 123.5 cm chaotic mess dark grey 1 to 5 mm clayey silt laminae are folded and interbedded with grey clay from unit up core and dark greenish grey silty clay from unit down core

123.5 cm to 129.3 cm: dark greenish grey clay with 0.1 to 1.5 mm slightly darker clay lams at 126 cm.

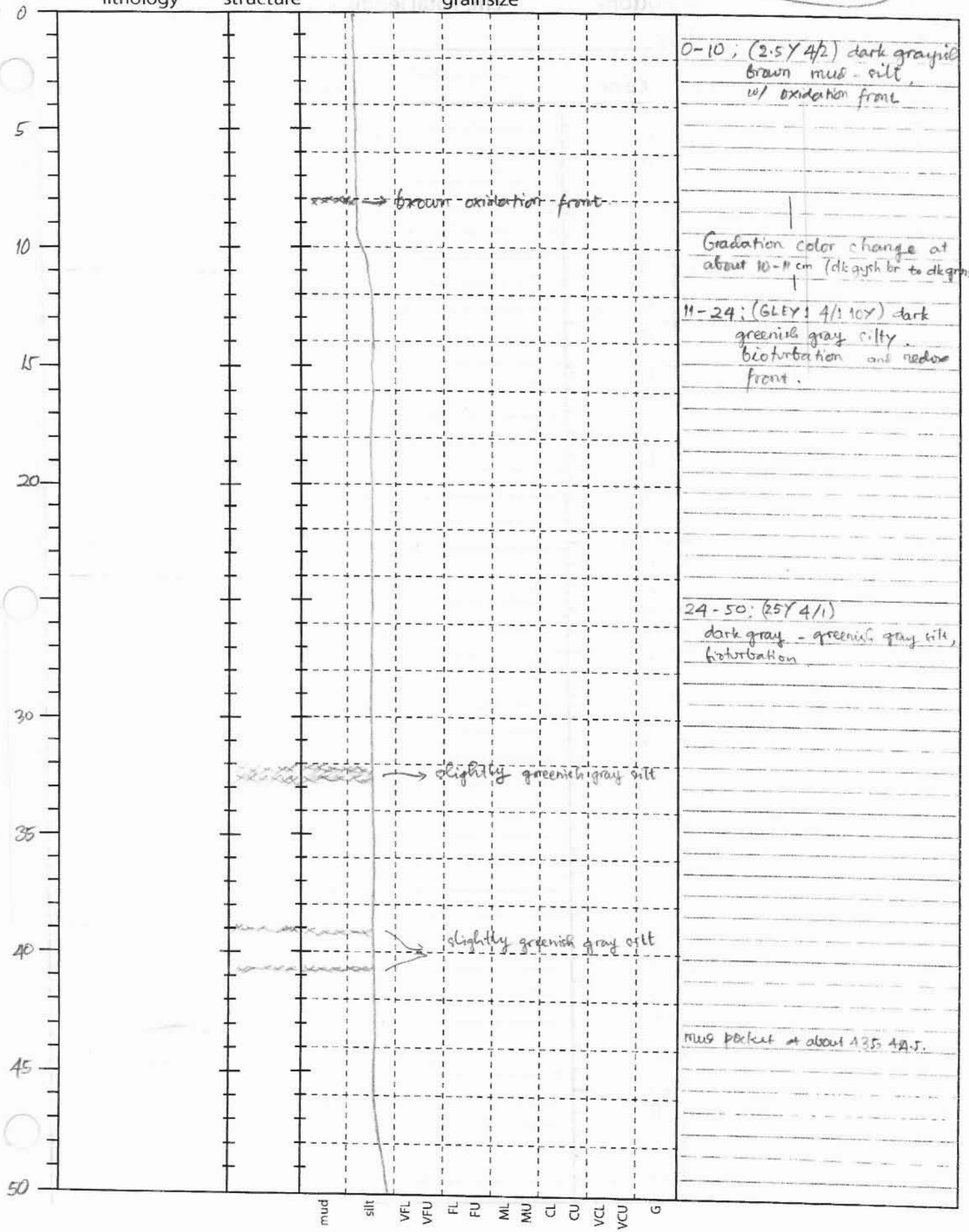
CORE LOG Core No. RR0705-70PC Section No. NOSE sheet 1 of 1

Date 02/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705 - 71 GC Section No. 1 of 1 sheet 1 of 3

Date 1 JUNE 07. Described by SAPTA Archive/Working



0-10; (2.5Y 4/2) dark grayish brown mud - silt, w/ oxidation front

Gradation color change at about 10-11 cm (dk gysh br to dk grnish gy)

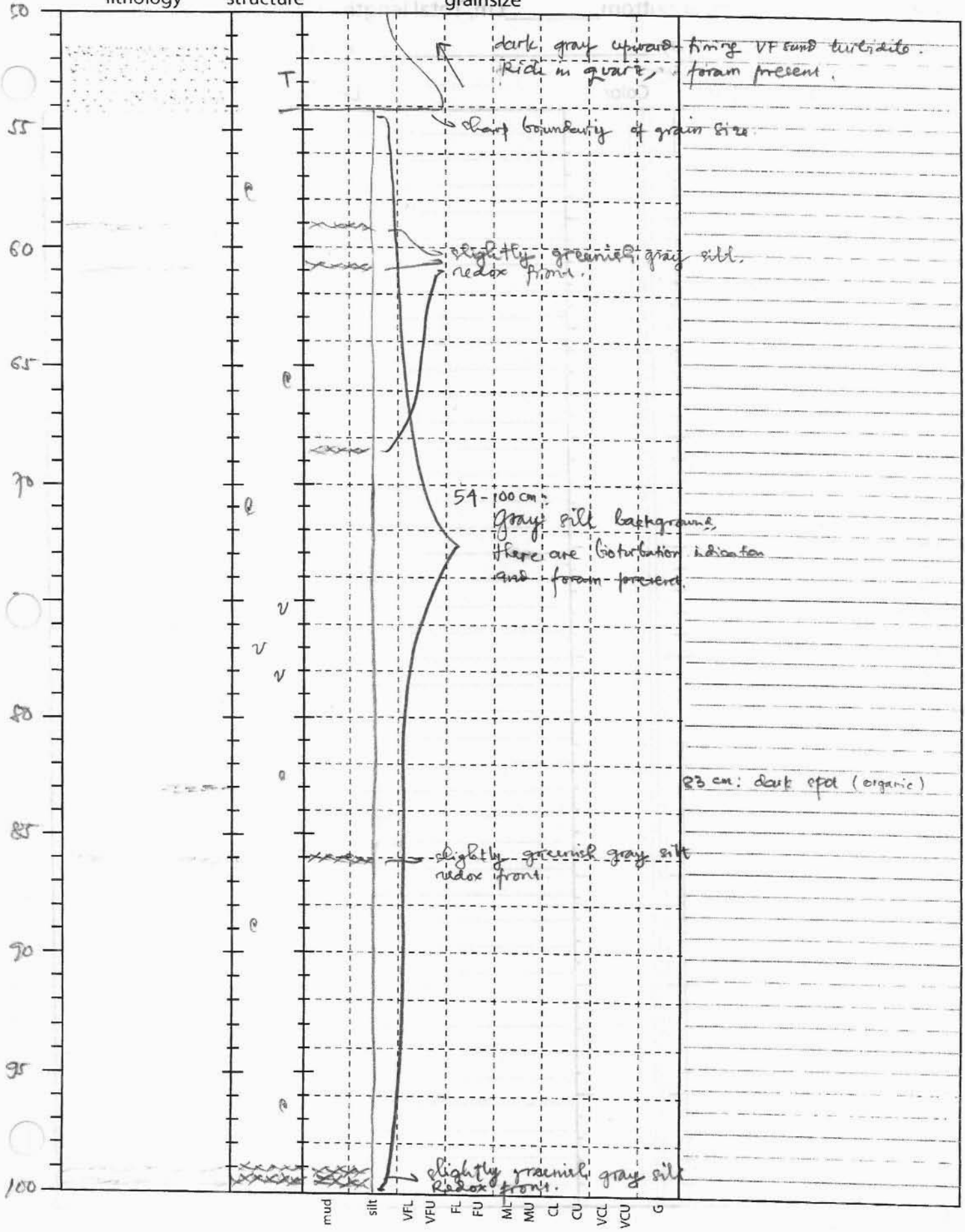
11-24; (GLEY1 4/1 10Y) dark greenish gray silty, bioturbation and redox front.

24-50; (25Y 4/1) dark gray - greenish gray silt, bioturbation

mud pocket at about 135 A.S.

CORE LOG Core No. RR0705 - 71 GC. Section No. 1 of 1 sheet 2 of 3

Date 1 JUNE 07. Described by GUPTA. Archive/Working



CORE LOG Core No. RR0705 - 71 GC Section No. 1 07 1 sheet 3 of 3

Date 1 JUNE 07 Described by SAPTA Archive/Working

lithology | structure | grainsize

100
105
110
115
120
125
130
135
140
145
150

slightly greenish gray silt

greenish gray silt redox front.

greenish gray silt redox front

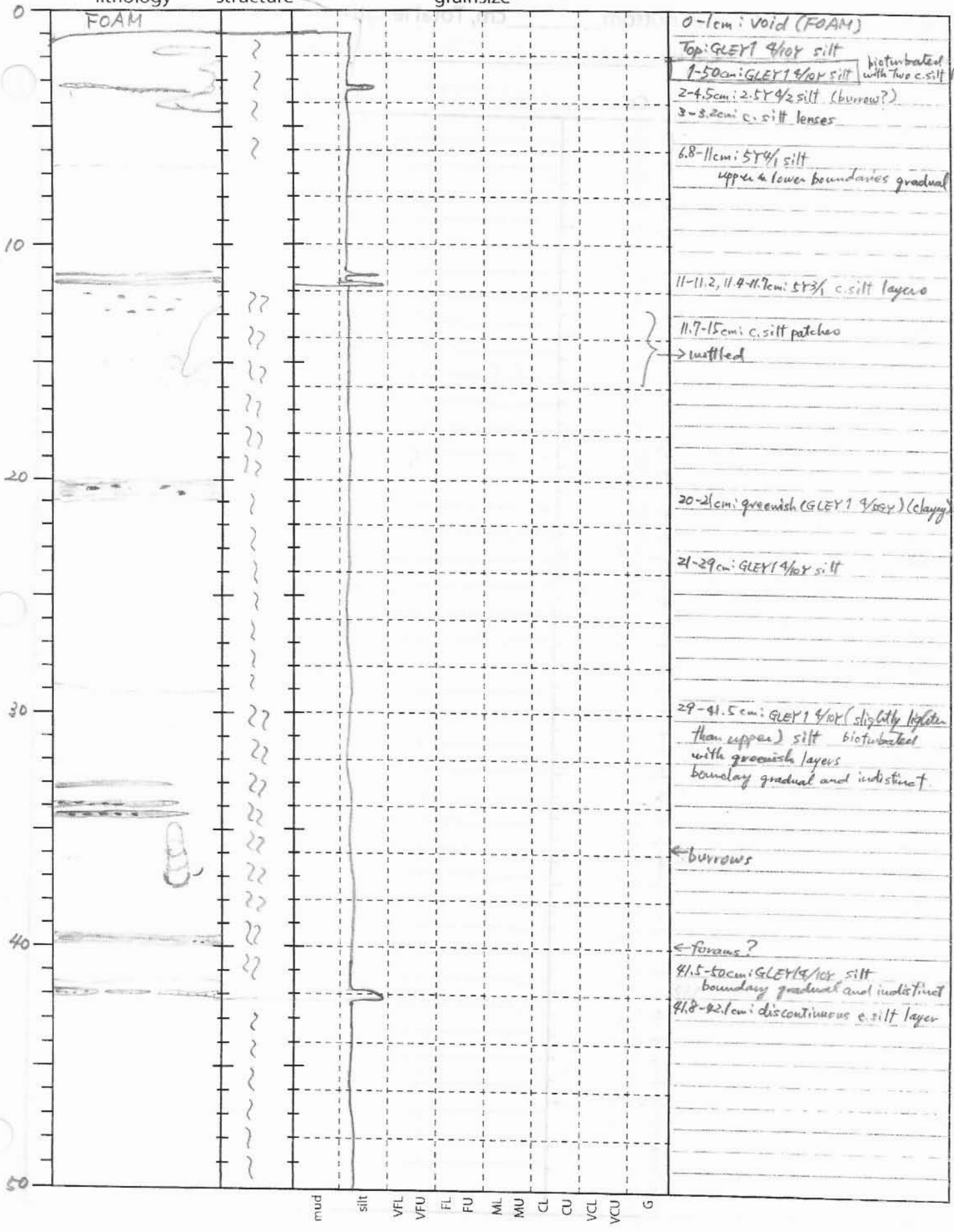
END OF CORE RR0705 - 71 GC. benthos core.

100 - 126 cm:
gray silt background there are bioturbation indication, and high bioturbation in zicotion on redox front. foram present

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705-72PC Section No. 1 sheet 1 of 2

Date 01/06/2007 Described by Ken Archive/Working



0-1cm: void (FOAM)

Top: GLEY1 4/10Y silt

1-50cm: GLEY1 4/10Y silt — bioturbated with two c. silt layers

2-4.5cm: 2.5Y 4/2 silt (burrow?)

3-3.2cm: c. silt lenses

6.8-11cm: 5Y 4/1 silt

upper & lower boundaries gradual

11-11.2, 11.4-11.7cm: 5Y 3/1 c. silt layers

11.7-15cm: c. silt patches

→ mottled

20-21cm: greenish (GLEY1 4/5GY) (clayey) silt

21-29cm: GLEY1 4/10Y silt

29-41.5cm: GLEY1 4/10Y (slightly lighter than upper) silt bioturbated with greenish layers

boundary gradual and indistinct

← burrows

← forams?

41.5-50cm: GLEY1 4/10Y silt

boundary gradual and indistinct

41.8-42.1cm: discontinuous c. silt layer

CORE LOG Core No. RR0705-12PC Section No. 1 sheet 2 of 2

Date 01/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50

60

70

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

50-51.5cm: GLEY1 4/10Y silt

51.5-53.5cm: greenish

52-52.5: burrow filled by 5Y4/1 silt with foram?

51.5-69cm: 5Y4/1 silt with c. silt patches

boundary gradual

56.4-56.5cm: c. silt patch

60.4-60.5: c. silt discontinuous layer

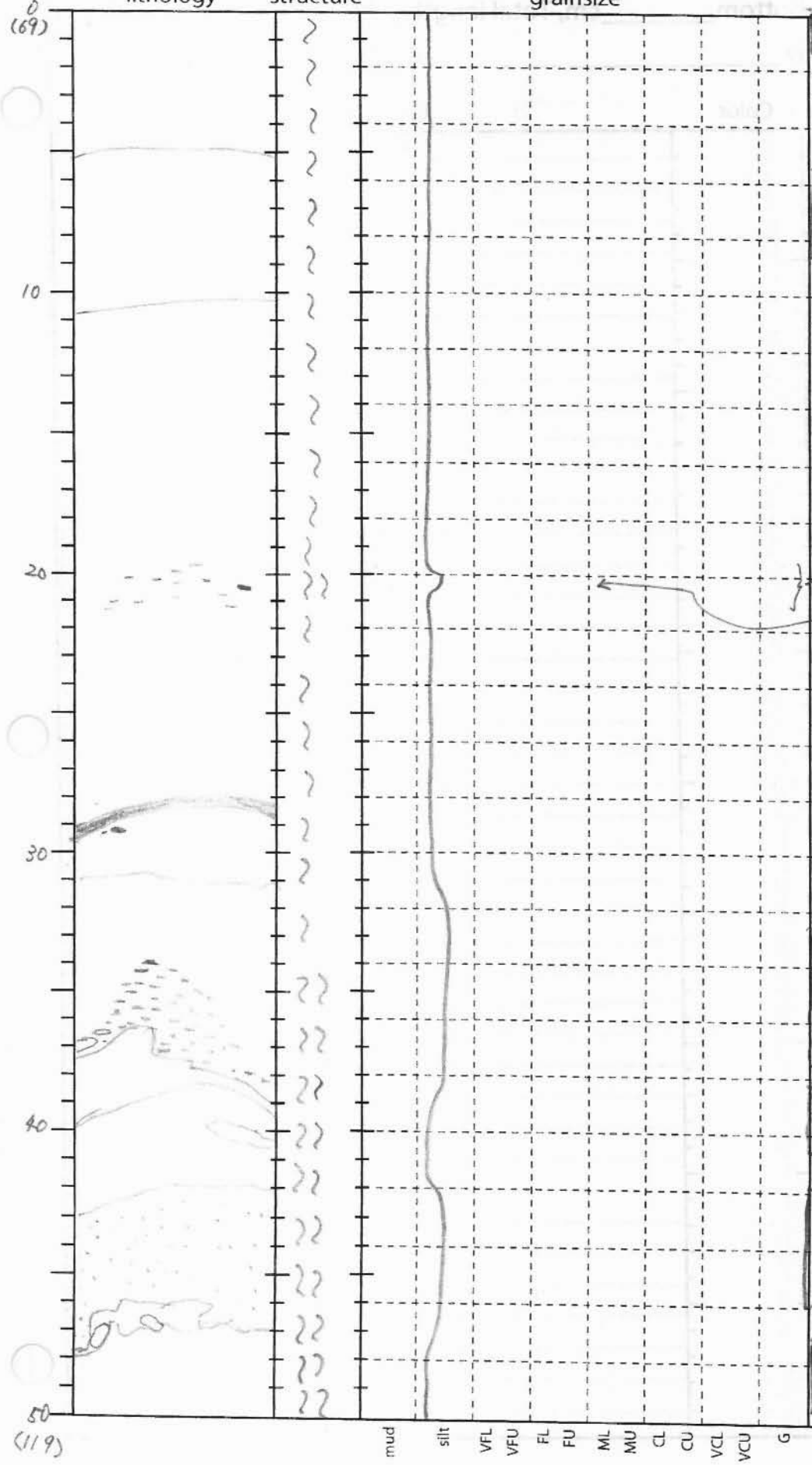
tiny c. silt patches

67.5-67.7, 68-68.5: c. silt patches

69cm

CORE LOG Core No. RR0705-72PC Section No. 2 sheet 1 of 3

Date 01/06/2007 Described by Ken Archive/Working



0-5cm: GLEY1 4/10Y silt

5-10.5cm: GLEY1 4/10Y (more olive than upper & lower) silt
both boundaries gradual

10.5-31cm: GLEY1 4/10Y silt with greenish layer and c.silt and ash patches, biotubated

tiny c.silt patches

20.5cm: white ash patch

clayey
28-28.7cm: greenish (GLEY1 4/5GY) silt

29cm: white ash patch

31-37.5cm: GLEY1 4/10Y c-m.silt
biotubated
tiny c.silt patches at lower part
upper & lower boundaries biotubated and indistinct

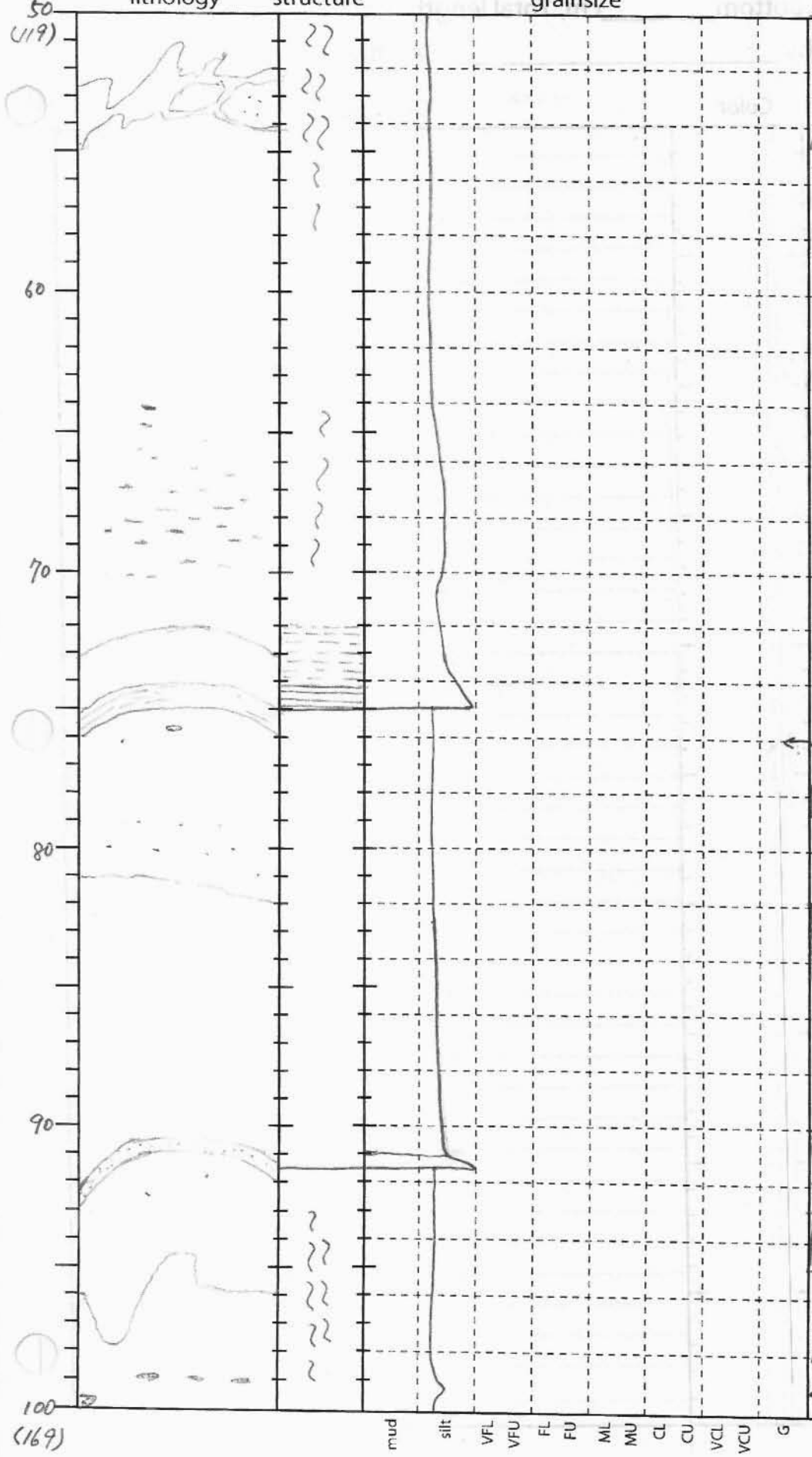
37.5-42cm: GLEY 4/10Y silt
biotubated

42-46cm: GLEY1 4/10Y m-c.silt
biotubated
upper & lower boundaries biotubated; irregular and indistinct

46-50cm: GLEY1 4/5GY silt
biotubated

CORE LOG Core No. RR0705-72PC Section No. 2 sheet 2 of 3

Date 01/06/2007 Described by Ken Archive/Working



50-54cm: GLEY1 4/5GY silt bioturbated

} forams?

54-72cm: GLEY1 4/10Y silt-m.silt

63-69.5cm: tiny c.silt patches

72-75cm: upward fining c.silt-m.silt

72-74cm: faintly parallel laminated GLEY1 4/10Y m.silt upper boundary gradual

74-75cm: GLEY1 4/N c.silt parallel laminated sharp base

76cm: white ash patch

75-81cm: GLEY1 4/10Y silt with foram

81-91cm: GLEY1 4/10Y (more olive than upper) silt upper boundary gradual

91-91.5cm: GLEY1 4/N c.silt sharp base & top

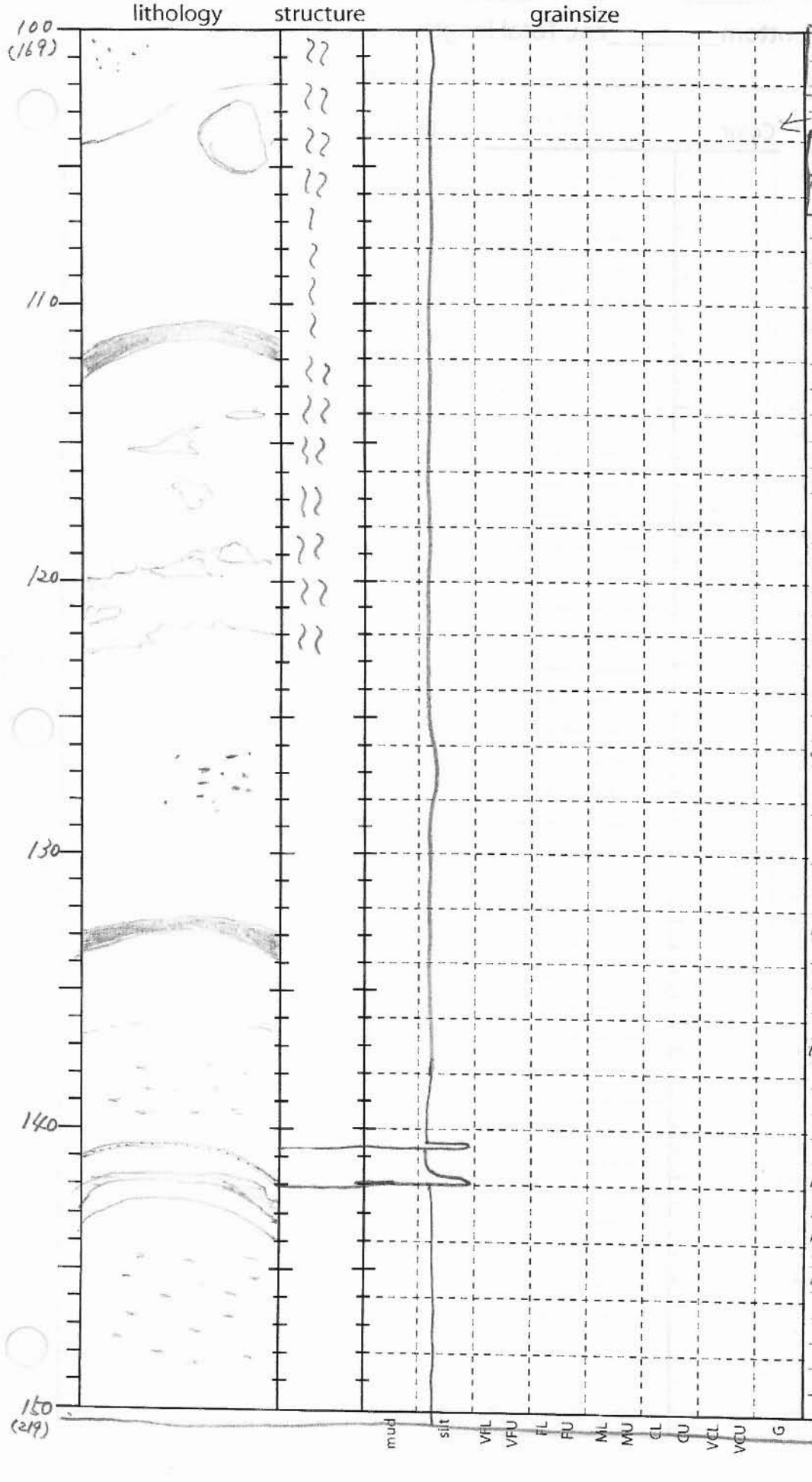
91.5-96cm: GLEY1 4/5GY silt with foram bioturbated, lower boundary bioturbated, irregular and indistinct

96-100cm: GLEY1 4/10Y silt with foram bioturbated

black c.silt patches

CORE LOG Core No. RR0705-72PC Section No. 2 sheet 3 of 3

Date 01/06/2007 Described by Ken Archive/Working



100-103.5cm: GLEY1 4/10Y silt with forams bioturbated

← burrow

103.5-120cm: GLEY1 4/10Y (more gray than upper/lower) silt with greenish layers bioturbated

111-112cm: greenish (GLEY1 4/10Y) layer

120-150.5cm: GLEY1 4/10Y silt with greenish layer and c.silt layers

c.silt patches and forams

132-133cm: greenish (GLEY1 5/5GY) silt

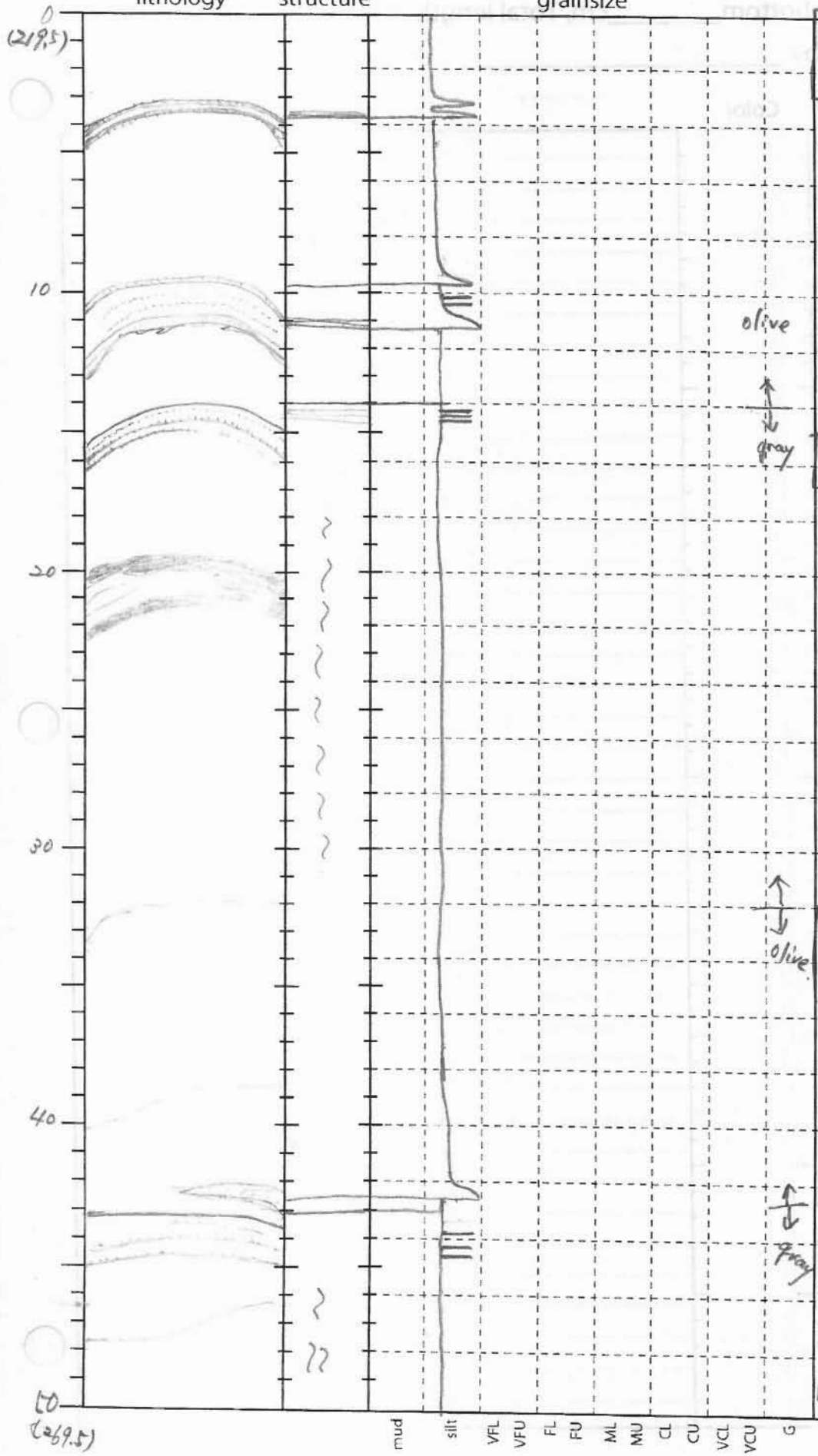
136.5-140.5cm: more olive tiny black spots

140.5-140.7cm: c.silt
140.7-141.7cm: silt
141.7-142cm: c.silt sharp top & base
142-143cm: massive silt

143-150.5cm: silt tiny c.silt patches

CORE LOG Core No. RR0705-72PC Section No. 3 sheet 1 of 3

Date 02/06/2007 Described by Ken Archive/Working



0-14cm: 5Y4/1 (olive) silt with c.silt-v.f.s layers
boundary (upp. olive / low gray) sharp

3-32cm: c.silt

3.5-3.8cm: c.silt lower part ash rich
sharp base

9.4-9.7cm: c.silt sharp base

10.2cm, 10.5cm: c.silt thin layer

10.7-11.1cm: c.silt parallel laminated
sharp but irregular base

14.2, 14.5, 15cm: c.silt thin layer

14-32cm: GLEY1 4/10Y silt with c.silt
with foram biot. mottled layers near top

14-15cm: slightly darker than lower

20-21.5cm: greenish

32-43cm: 5Y4/1 (olive) silt with
c.silt-v.f.s. layer
lower boundary sharp

38.5-43cm: slightly coarser than upper

42-42.5cm: c.silt-v.f.s parallel laminated
sharp base

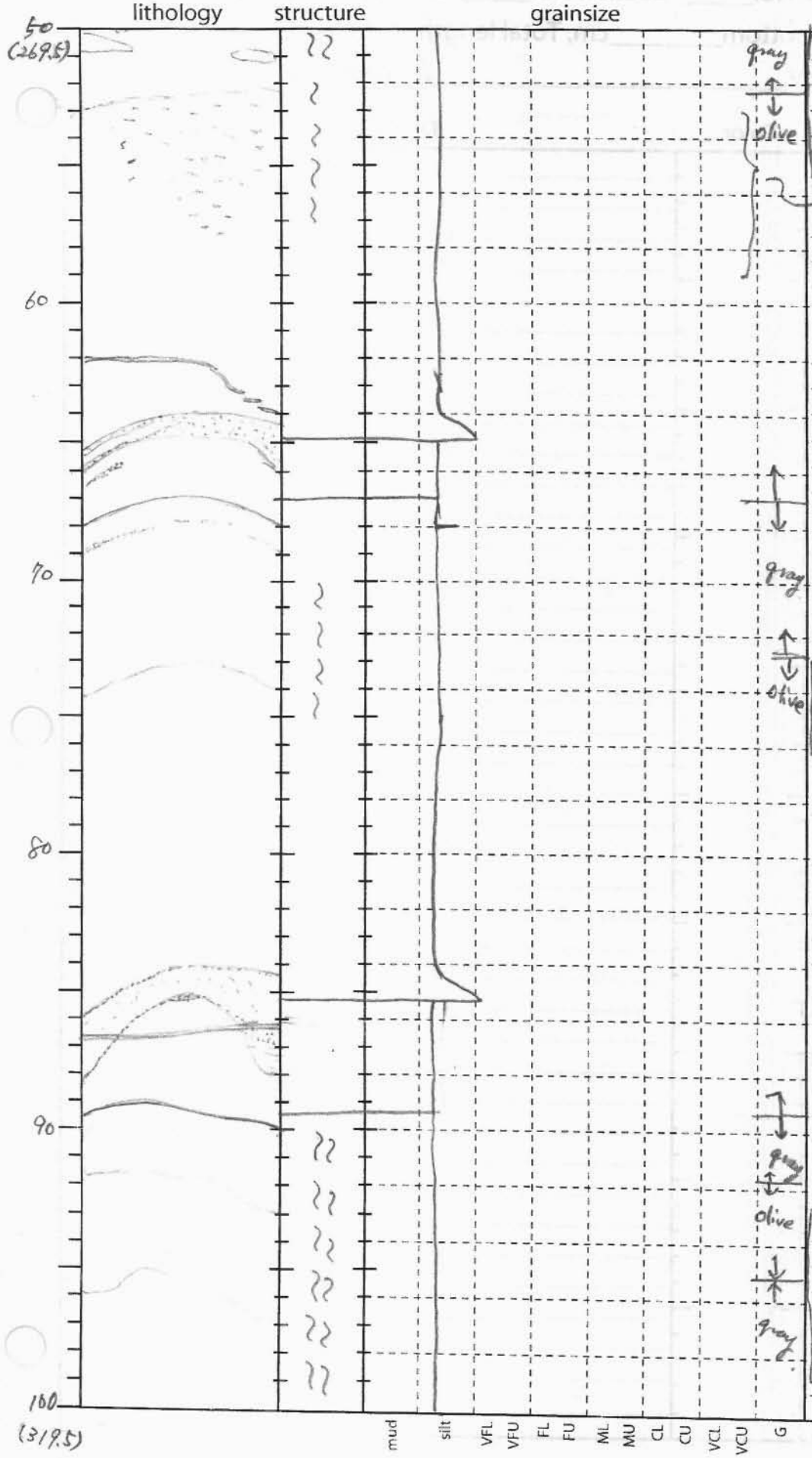
43.7, 44.2, 44.7cm: c.silt thin layer

43-47cm: GLEY1 4/10Y silt
slightly darker than lower
lower boundary irregular to indistinct

47-50cm: GLEY1 4/0Y silt
with foram

CORE LOG Core No. RR0705-72PC Section No. 3 sheet 2 of 3

Date 02/06/2007 Described by Ken Archive/Working



50-52.5cm: GLEY1 4/10Y silt bioturbated with foram

52.5-69cm: 5Y4/1 (olive) silt with c.silt layer and tiny c.silt patches

53-58cm: tiny c.silt patches

62.1-62.2cm: crack (void)

64-64.8cm: 5Y4/1 c.silt

67-73cm: GLEY1 4/10Y silt with foram

67-68cm: slightly darker

68cm: discontinuous c.silt layer

73-89.5cm: 5Y4/1 silt with c.silt layer lower boundary sharp color

83.9-85.2cm: 5Y4/1 c.silt

Top & base coarser (c.silt-v.f.s) lower part ash rich, parallel laminated sharp base

86.6-86.7cm: crack (void)

89.5-91.5: GLEY1 4/10Y silt

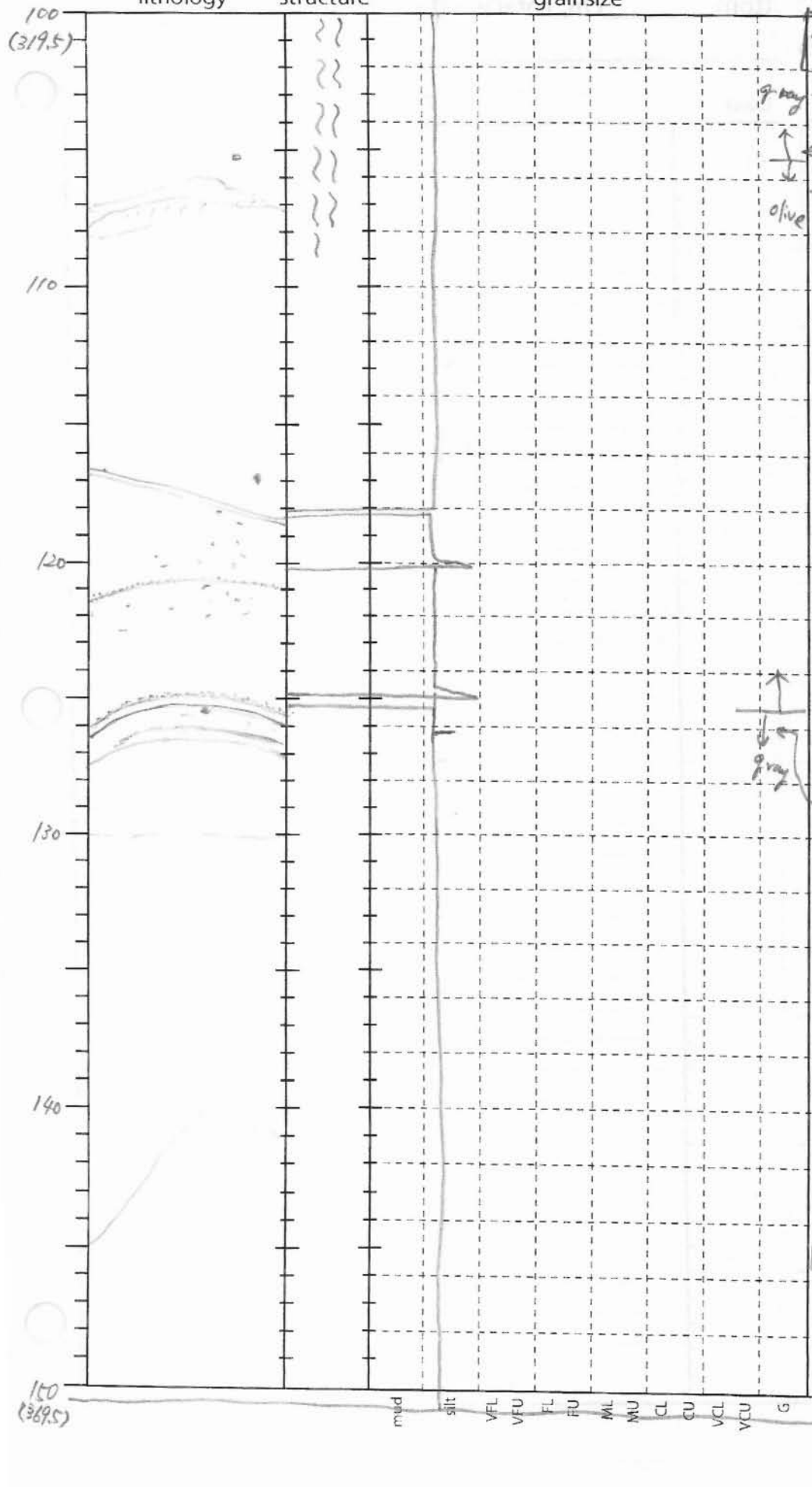
91.5-95.5cm: 5Y4/1 silt

upper & lower boundary bioturbated and irregular

95.5-100cm: GLEY1 4/10Y silt

CORE LOG Core No. RR0705-72PC Section No. 3 sheet 3 of 3

Date 02/06/2007 Described by Ken Archive/Working



100 – 105.5cm: GLEY1 4/10Y silt biotubated with foram

gray

← 105cm: white ash patch

olive

105.5 – 125.2cm: 5Y4/1 silt with c. silt layers sharp lower color boundary

117cm: black scovia?

118 – 118.2cm: crack (void)

118.5 – 122cm: tiny c. silt patches

120 – 120.2cm: c. silt sharp base

124.6 – 124.8cm: c. silt sharp base

gray

125.2 – 142cm: GLEY1 4/10Y silt with foram

125.8cm: black scovia?

126.1 – 126.2cm: darker a little coarser layer

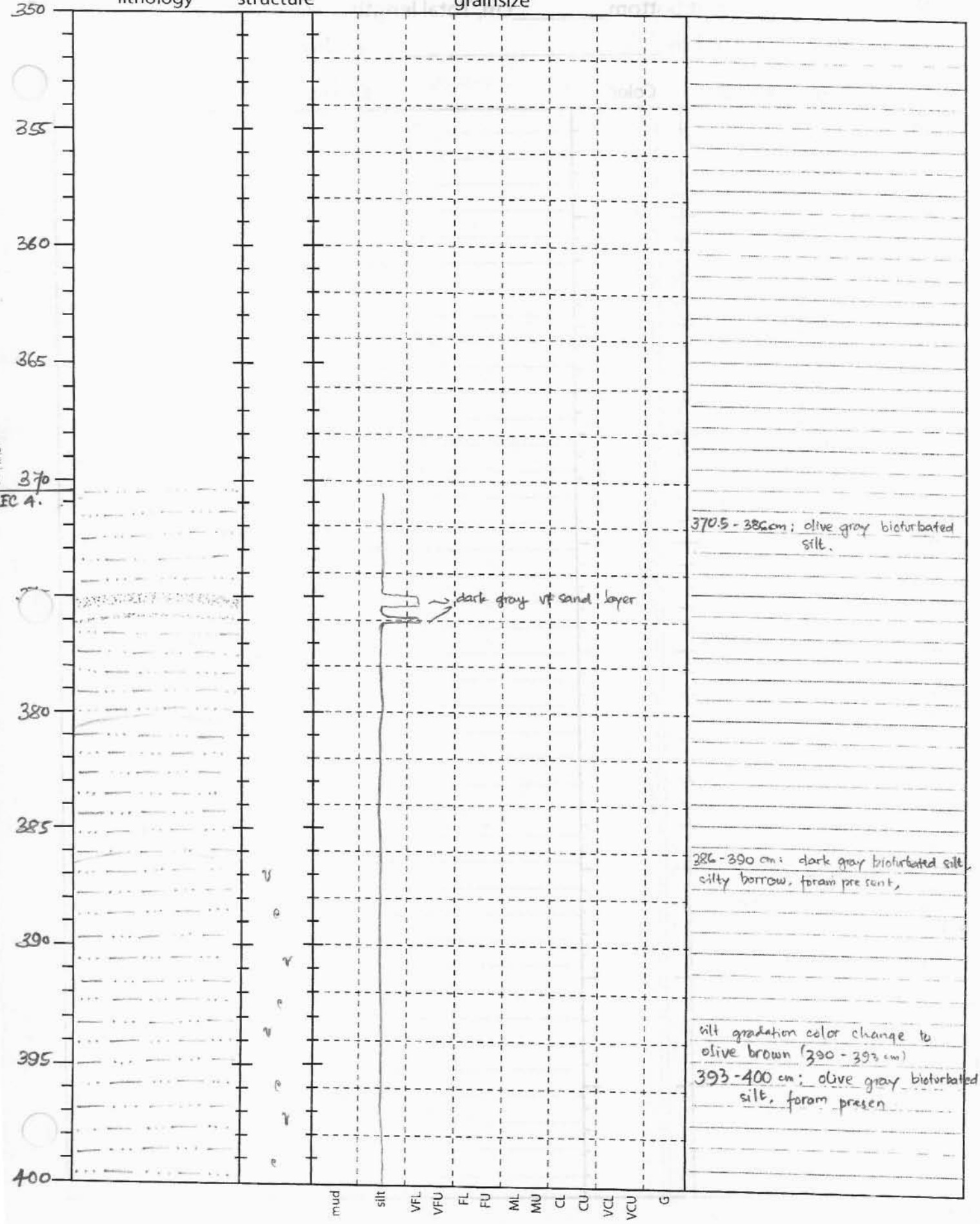
125.2 – 126.5cm: slightly darker than lower part

126.5 – 130cm: slightly darker than lower part & less foram

142 – 151cm: 5Y4/1 silt upper boundary sharp but irregular

CORE LOG Core No. RR0705-72 PC Section No. 4 of 4 sheet ___ of ___

Date 2 JUNE 07 Described by SAPTA Archive/Working



370.5 - 386cm: olive gray bioturbated silt.

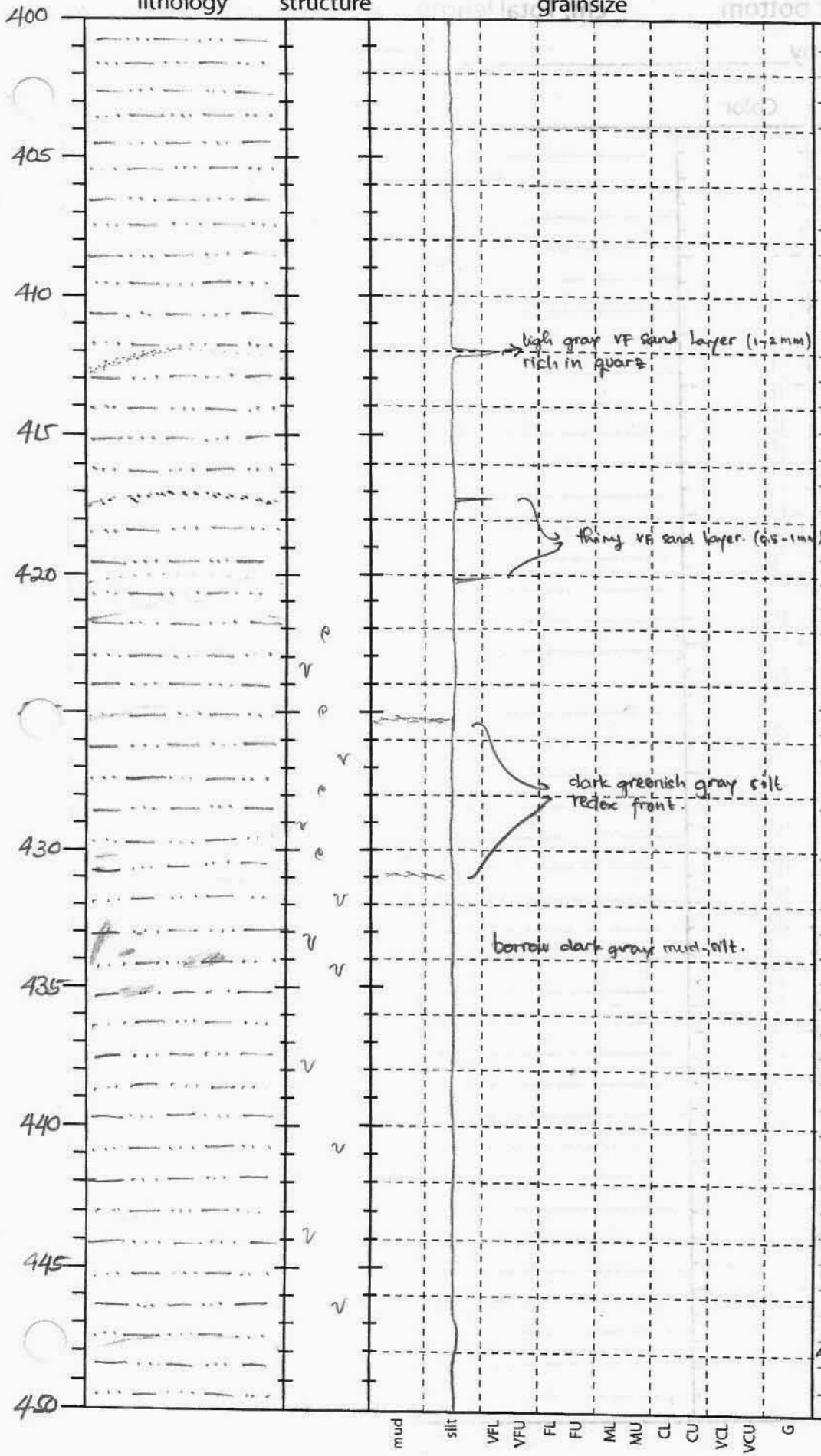
386 - 390 cm: dark gray bioturbated silt, silty borrow, foram present,

silt gradation color change to olive brown (390 - 393 cm)

393 - 400 cm; olive gray bioturbated silt, foram presen

CORE LOG Core No. RR0705 - 72PC Section No. 4 of 4 sheet ___ of ___

Date 2 JUNE 07 Described by SAPTA Archive/Working



400 - 421.5 cm: olive gray silt

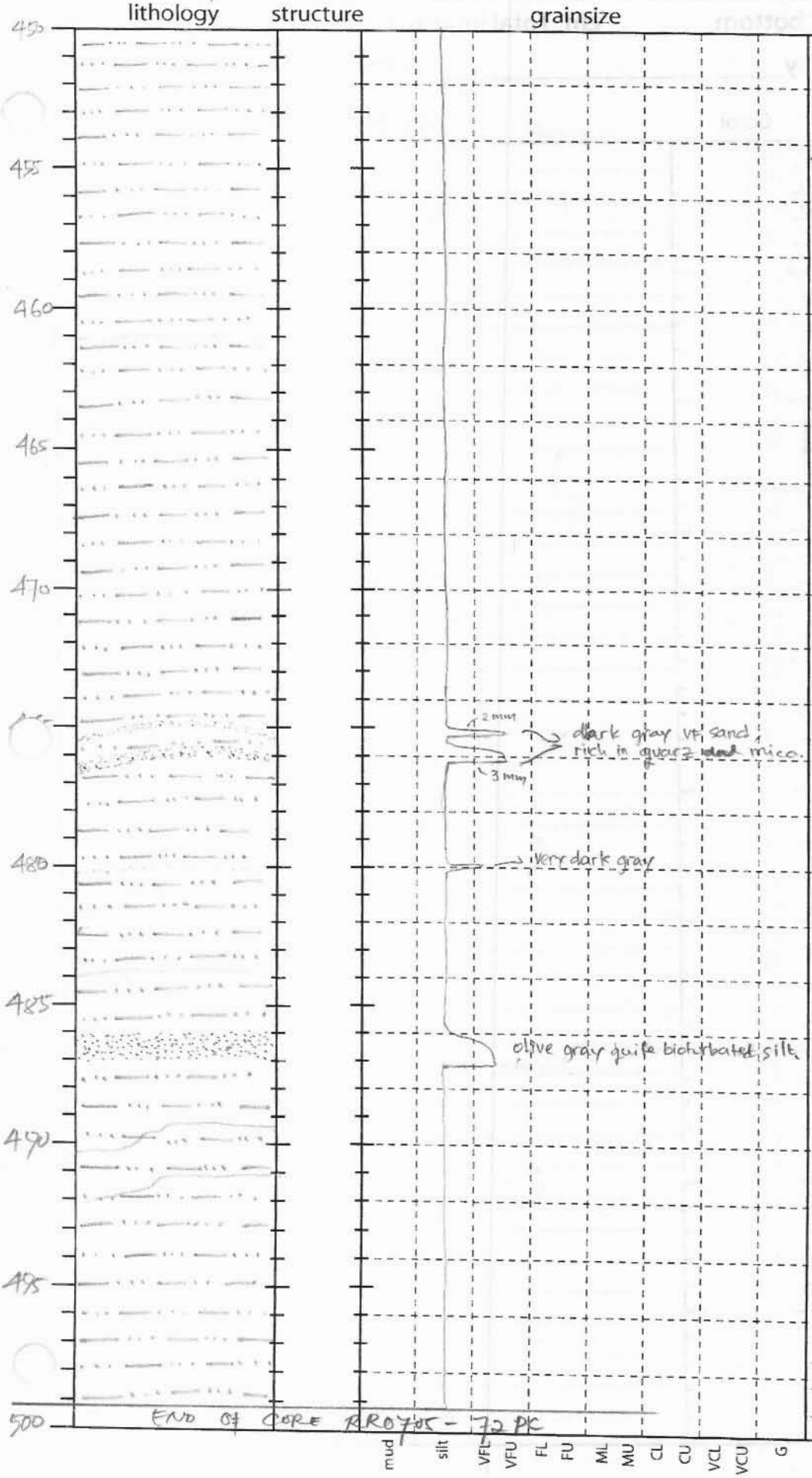
421.5 - 431 : dark gray bioturbated silt. w/ blackish specks, foram present

431 - 447.5 cm: olive gray bioturbated silt w/ blackish specks, foram present

447.5 - 450 cm: dark gray bioturbated silt w/ blackish specks, foram present

CORE LOG Core No. RR0705 - 72 PC Section No. 4 of 4 sheet ____ of ____

Date 2 JUNE 07 Described by SARTA Archive/Working



450 - 452.5 cm: olive gray bioturbated silt

452.5 - 461 cm: dark gray bioturbated silt. foram present, burrow olive gray mud-silt

461 - 481.5 cm: olive gray bioturbated silt

481 - 484 cm: dark gray silt. w/ blackish speaks. foram present

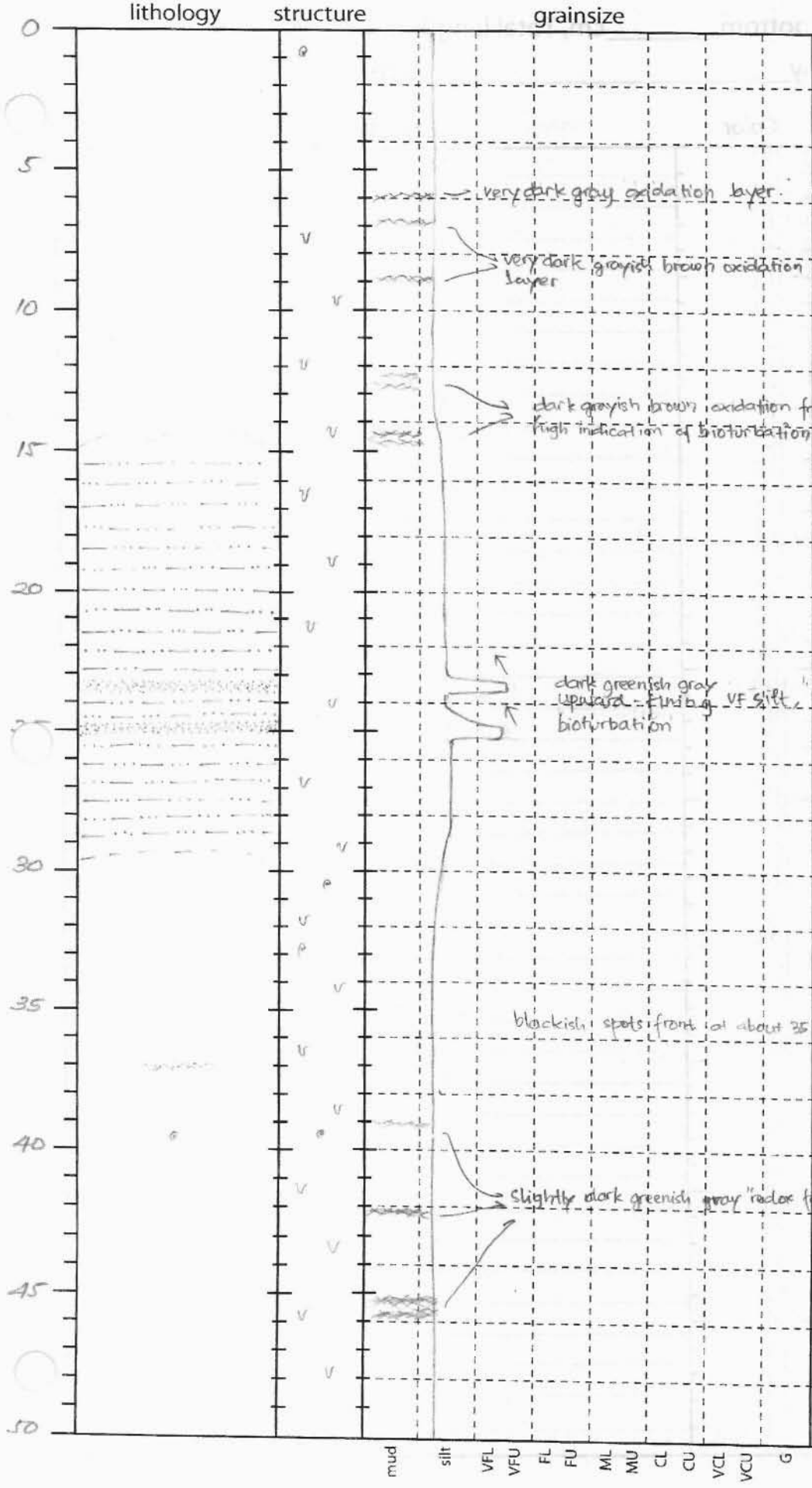
484 - 490 cm: olive gray bioturbated silt

490 - 491.5 cm: dark gray bioturbated silt, w/ blackish speaks, foram present.

491.5 - 499.5 cm: olive gray bioturbated silt. foram present.

CORE LOG Core No. RR0705-72TC Section No. 1 of 2 sheet 1 of

Date 2 JUNE 07 Described by SAPTA Archive/Working



0-6cm: (2.5Y4/2) dark grayish brown mud-silt, w/ thin brownish oxidation layers, foram

6-15.5: (5Y 4/2) olive gray mud-silt, bioturbation.

15.5-29.5: (5GY1 4/1 10Y) dark greenish gray silt, bioturbation, foram

29.5 cm: sharp base color change. (5GY1 4/1 10Y - 5Y4/1) =(dk grnish gy to dk gy)

37cm: bioturbated silt

39.5: bioclas frag. (white).

29.5-50 cm: dark gray mud-silt, bioturbation, foram

CORE LOG Core No. RR0705 - 72 TC Section No. 1 of 2 sheet 2 of

Date 2 JUNE 07 Described by SAPTA Archive/Working

lithology structure grainsize

50
55
60
65
70
75
80
↑ SEC 1
↓ SEC 2 85
90
95
100

dark gray mud-silt

bioturbated dark gray mud-silt

dark gray upward fining VF SAND turbidite, rich in quartz and mica at base

sharp boundary (grain size)

dark gray mud-silt bioturbation; from present thinly blackish spots.

slightly dark greenish gray redox front

bioturbated dark gray mud-silt, from present w/ darker or blackish spots, there are dark olive gray mud-silt borrow structur.

slightly dark greenish gray redox front.

VOID

84-90 cm: bioturbated dark greenish gray silt.

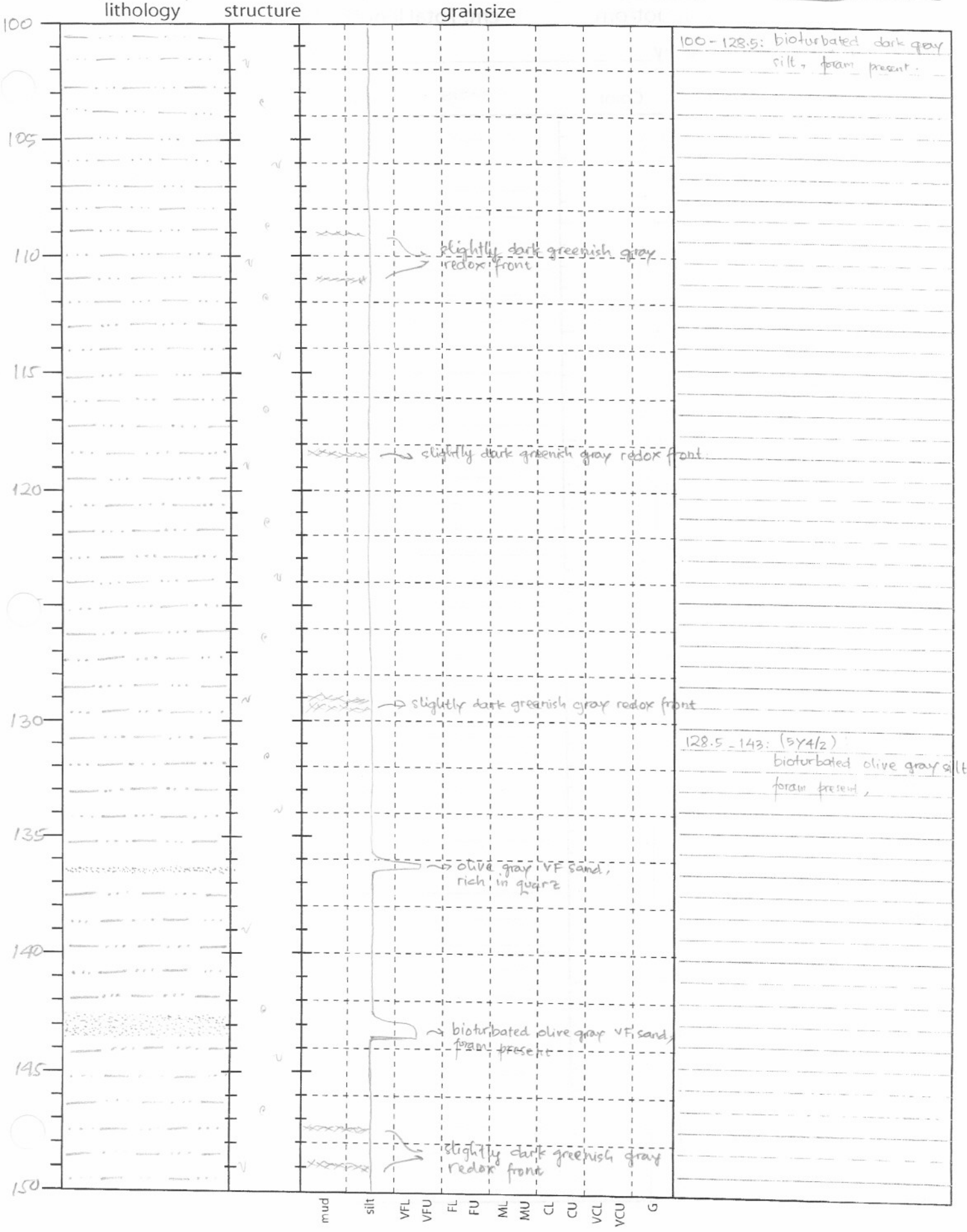
dark greenis gray upward fining VF sand turbidite, rich in quartz

slightly dark greenish gray redox front

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705 - 72 TC Section No. 2 of 2 sheet 3 of

Date 2 JUNE 07 Described by SAPTA Archive/Working

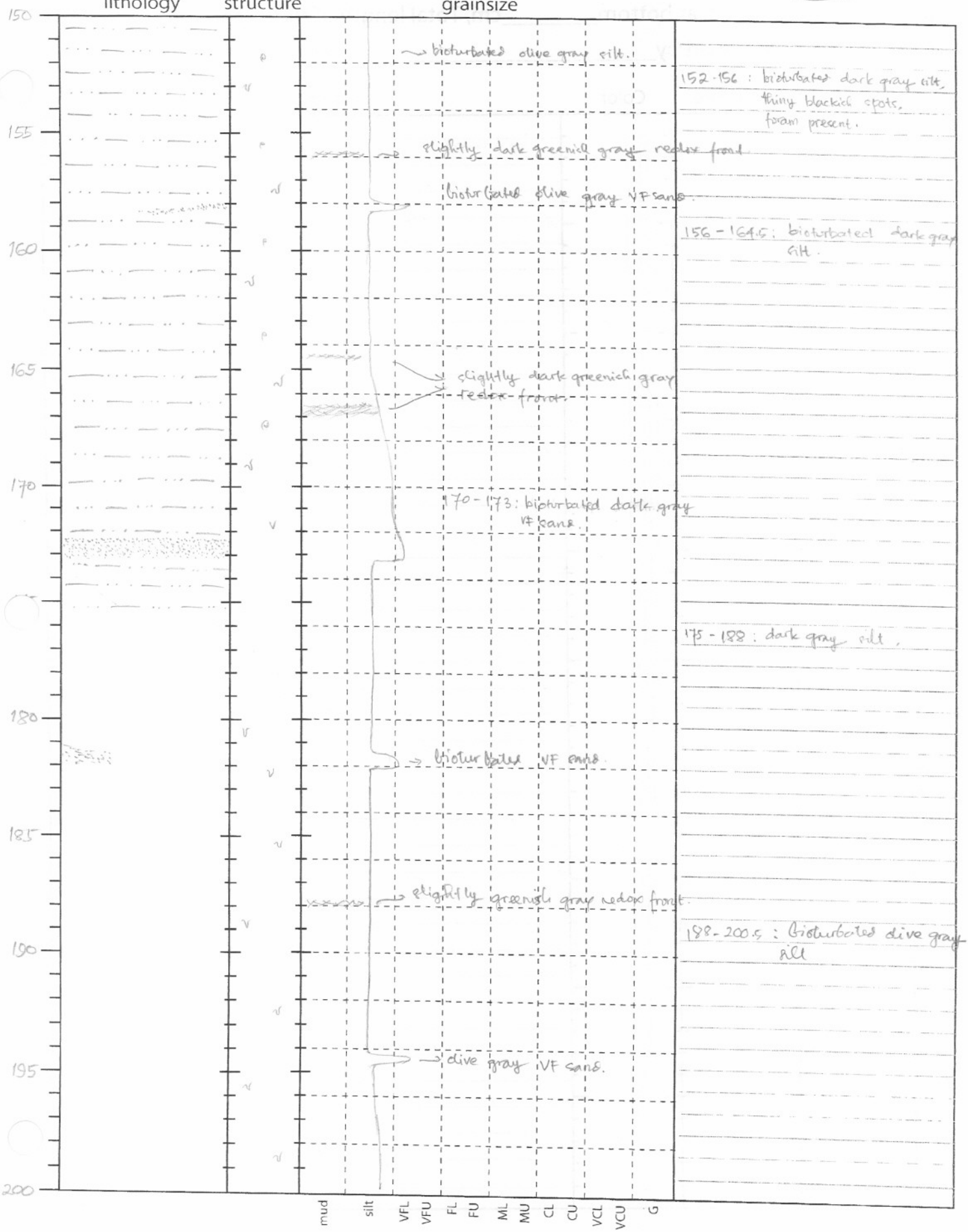


100 - 128.5: bioturbated dark gray silt, foram present.

128.5 - 143: (5Y4/2) bioturbated olive gray silt, foram present,

CORE LOG Core No. RR0705 - 72 TC Section No. 2 of 2 sheet 4 of

Date 2 JUNE 07 Described by SAPTA Archive/Working



152-156 : bioturbated dark gray silt, thiny blackish spots, foram present.

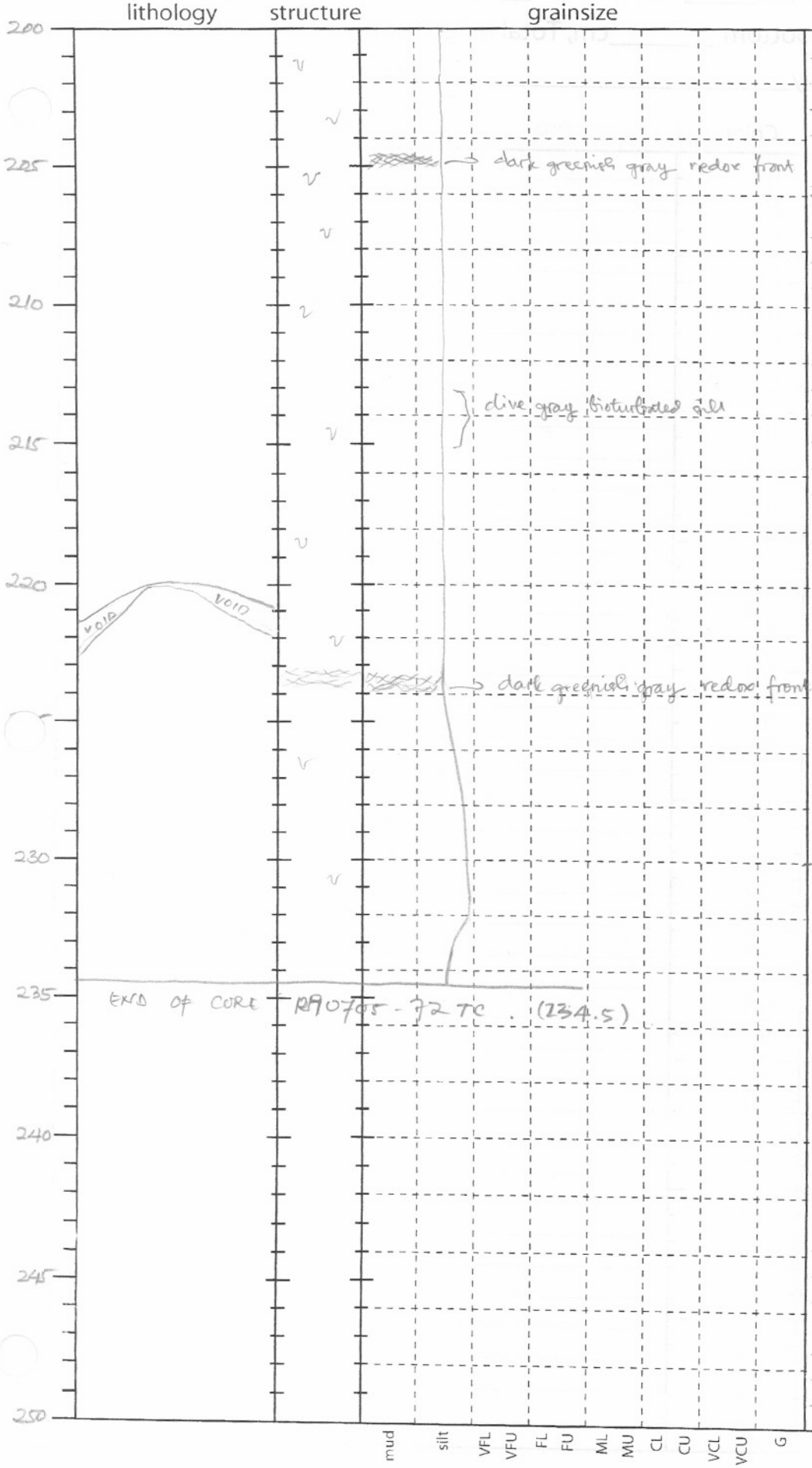
156 - 164.5: bioturbated dark gray silt.

175 - 188 : dark gray silt,

188 - 200.5 : Bioturbated olive gray silt

CORE LOG Core No. RR0705 - 72 TC Section No. 2 of 2 sheet 5 of

Date 2 JUNE 07 Described by SADTA. Archive/Working



200.5 – 204.5: dark gray silt, foram, thiny blackish speaks

205 – 208: dive gray bioturbated silt

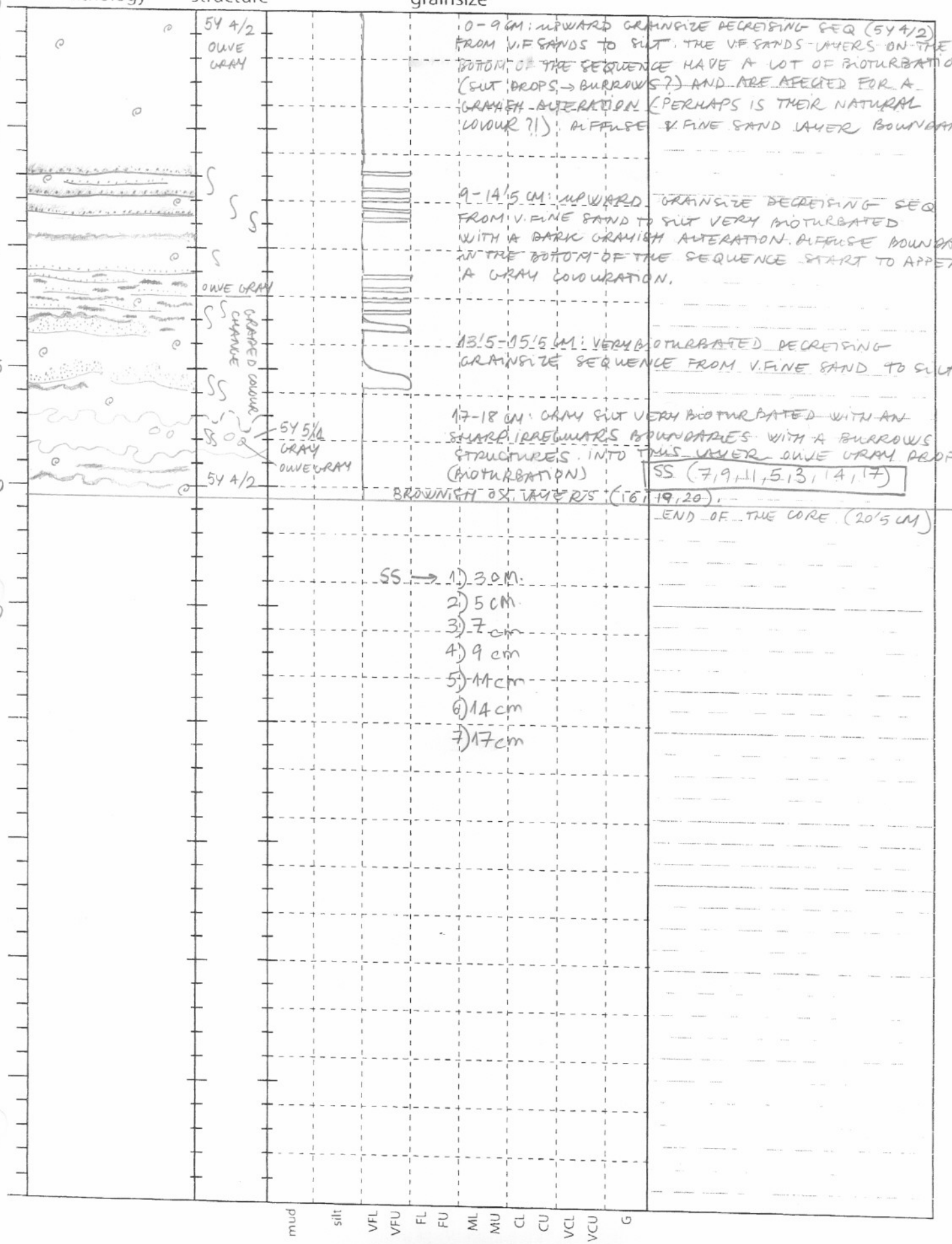
208 – 234.5: dark gray silt, bioturbated, foram, thiny blackish speaks

NOTE:

175 – 234.5 ⇒ Probably ruptured by dual coring.

CORE LOG Core No. RR070573MC Section No. 3 TUBE (20'5) CM sheet 1 of 1

Date 08/06/07 Described by ZORAIDA Archive/Working



0-9 CM: UPWARD GRAINSIZE DECREASING SEQ (5Y 4/2) FROM V.F SANDS TO SILT. THE V.F SANDS-LAYERS ON THE BOTTOM OF THE SEQUENCE HAVE A LOT OF BIOTURBATION (SILT DROPS → BURROWS?) AND ARE AFECTED FOR A GRAYISH ALTERATION (PERHAPS IS THEIR NATURAL COLOUR ?!). DIFFUSE V.FINE SAND LAYER BOUNDARIES

9-14'5 CM: UPWARD GRAINSIZE DECREASING SEQ FROM V.FINE SAND TO SILT VERY BIOTURBATED WITH A DARK GRAYISH ALTERATION. DIFFUSE BOUNDARIES IN THE BOTTOM OF THE SEQUENCE START TO APPEAR A GRAY COLOURATION.

13'5-15'5 CM: VERY BIOTURBATED DECREASING GRAINSIZE SEQUENCE FROM V.FINE SAND TO SILT

17-18 CM: GRAY SILT VERY BIOTURBATED WITH AN SHARP IRREGULARS BOUNDARIES WITH A BURROWS STRUCTURES. INTO THIS LAYER OLIVE GRAY DROPS (BIOTURBATION)

SS (7, 9, 11, 5.3, 14, 17)

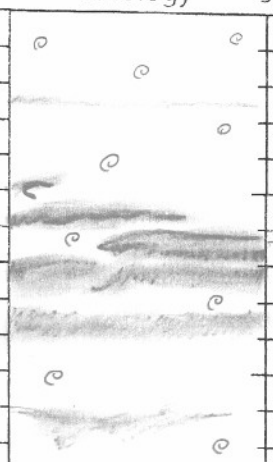
BROWNISH OX. LAYERS (16, 19, 20).

END OF THE CORE (20'5 CM)

SS → 1) 3 CM
2) 5 CM
3) 7 cm
4) 9 cm
5) 11 cm
6) 14 cm
7) 17 cm

CORE LOG Core No. RR0705-75MC TUBE Section No. 8 (13 CM) sheet 1 of 1

Date 08/06/07 Described by ZORAN PA Archive/Working



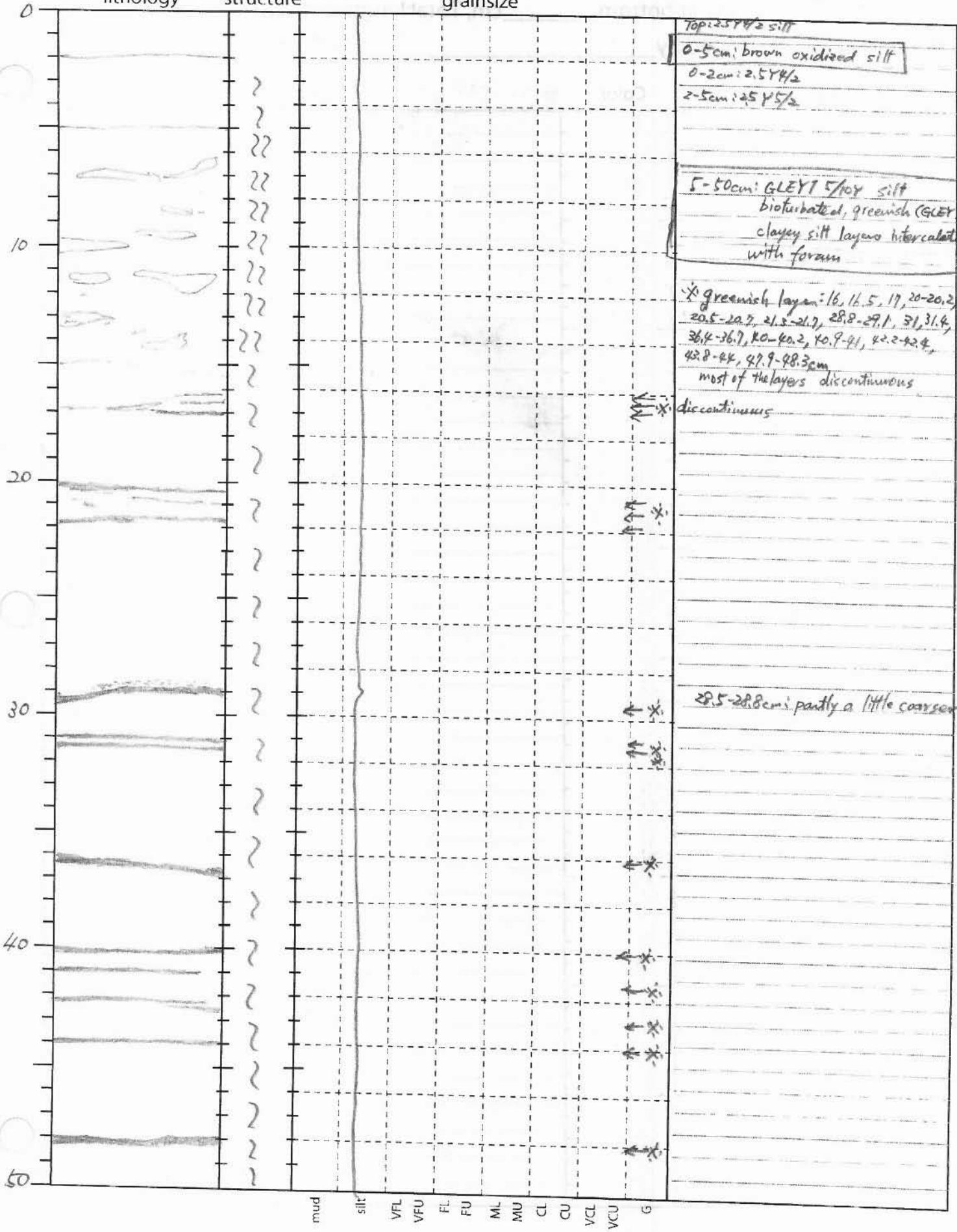
lithology	structure	grainsize	
	5Y 4/3 OLIVE	0'5 SMEAR SLIDE 2 SMEAR SLIDE 3'5 SMEAR SLIDE 5 SMEAR SLIDE	• BLUEISH COLOURATION (OX?) LAYER (3,5). • BROWNISH OX? LAYERS (2'5/5/ 5'5/6-7/7-7'5/8-9/11-12).
	5Y 4/2 OLIVE GRAY	7 SMEAR SLIDE 9 SMEAR SLIDE 11 → SMEAR SLIDE OXIDATION 12 SMEAR SLIDE	PRESENCE OF FORAMS IN ALL THE CORE OLIVE TO OLIVE GRAY SILT (GRADED COLOUR CHANGE ~ 6'2, STARTS WITH THE APPEARANCE OF THE BROWNISH OX FRONT.
			END OF THE CORE (13 CM)

SS 1) 0'5 CM
2) 2 CM
3) 3'5 CM
4) 5 CM
5) 7 CM
6) 9 CM
7) 11 CM
8) 12 CM

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705-76TC Section No. 1 sheet 1 of 3

Date 02/06/2007 Described by Ken Archive/Working



Top: 2.5Y4/2 silt

0-5cm: brown oxidized silt

0-2cm: 2.5Y4/2

2-5cm: 2.5Y5/2

5-50cm: GLEY1 5/10Y silt
bioturbated, greenish (GLEY1 4/5GY)
clayey silt layers intercalated with foram

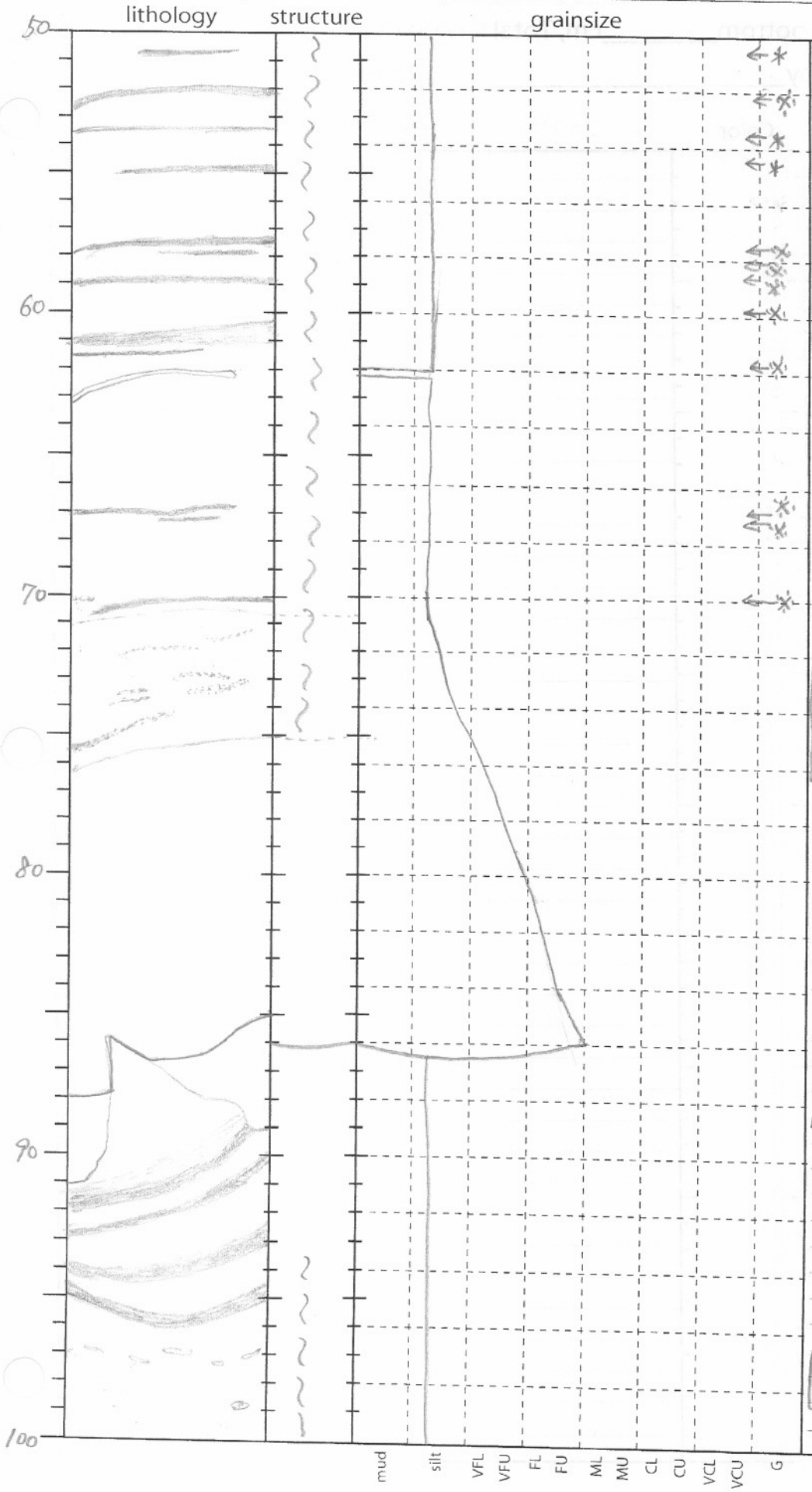
※ greenish layer: 16, 16.5, 17, 20-20.2, 20.5-20.7, 21.5-21.7, 28.8-29.1, 31, 31.4, 36.4-36.7, 40-40.2, 40.9-41, 42.2-42.4, 43.8-44, 47.9-48.3cm
most of the layers discontinuous

discontinuous

28.5-28.8cm: partly a little coarser

CORE LOG Core No. RR0705-76 TC Section No. 1 sheet 2 of 3

Date 02/06/2007 Described by Ken Archive/Working



50-71cm: GLEY1 5/10Y silt with foram bioturbated, greenish (GLEY1 4/5GY) clayey silt layers intercalated

* greenish layer: 51.8-52.2, 57.2-57.5, 57.8-58, 58.7-59, 60.4-60.8, 61.5-61.6, 66.7-66.9, 69.8-70cm

* slightly greenish: 50.3-50.5, 53.3-53.6, 54.7-55cm

most of the layers discontinuous

62-62.2cm: crack (void)

71-95cm: GLEY1 4/N c.silt with c.silt-v.f.s burrows?

75-86cm: GLEY1 4/N v.f.s-f.s well-sorted, upward fining foram bearing (rich in lower part)

boundary sharp but irregular — multiple penetration

85-89cm (right), 88.5-91 (left): GLEY1 4/10Y silt

86-96cm: oxidised brown silt with foram

86-91cm: 2.5Y5/2

91-91.5cm: 2.5Y4/2

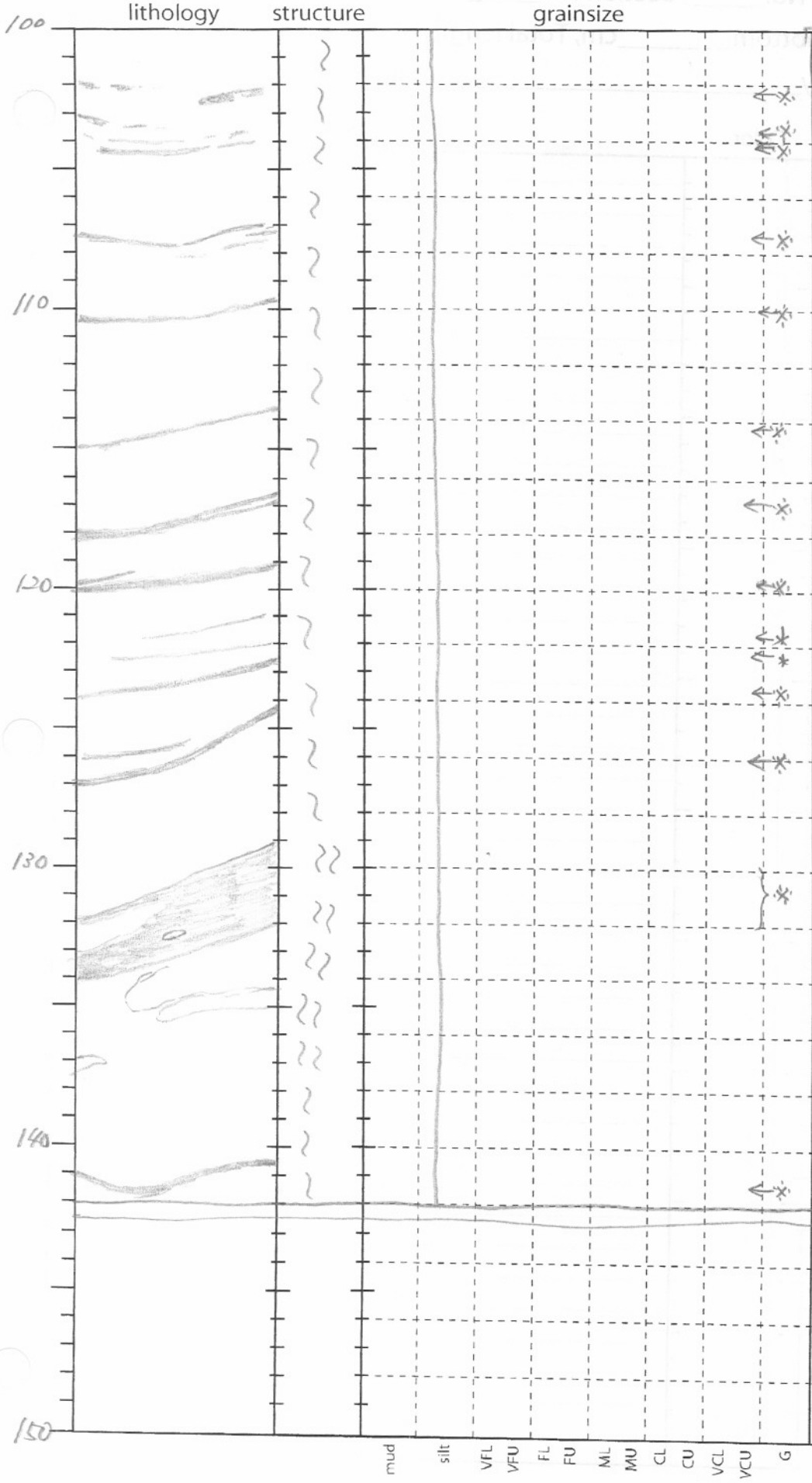
91.5-96.5cm: 5Y5/2

92.5-93, 94.5-95, 96-96.4: 2.5Y4/2

96-100cm: GLEY1 5/10Y silt bioturbated

CORE LOG Core No. RR0705-76TC Section No. 1 sheet 3 of 3

Date 02/06/2007 Described by Ken Archive/Working



100 - 142 cm: GLEY1 5/1Gr silt unit foram bioturbated, greenish (GLEY1 4/5GY) clayey silt layers intercalated

* greenish layer: 102.2-102.5, 103.5, 104.3-104.5, 107.3-107.5, 110-110.2, 114.3-114.5, 117.2-117.5, 119.7-120, 123.7-123.9, 125.8-126, 130.5-132.7 140.8-141 cm

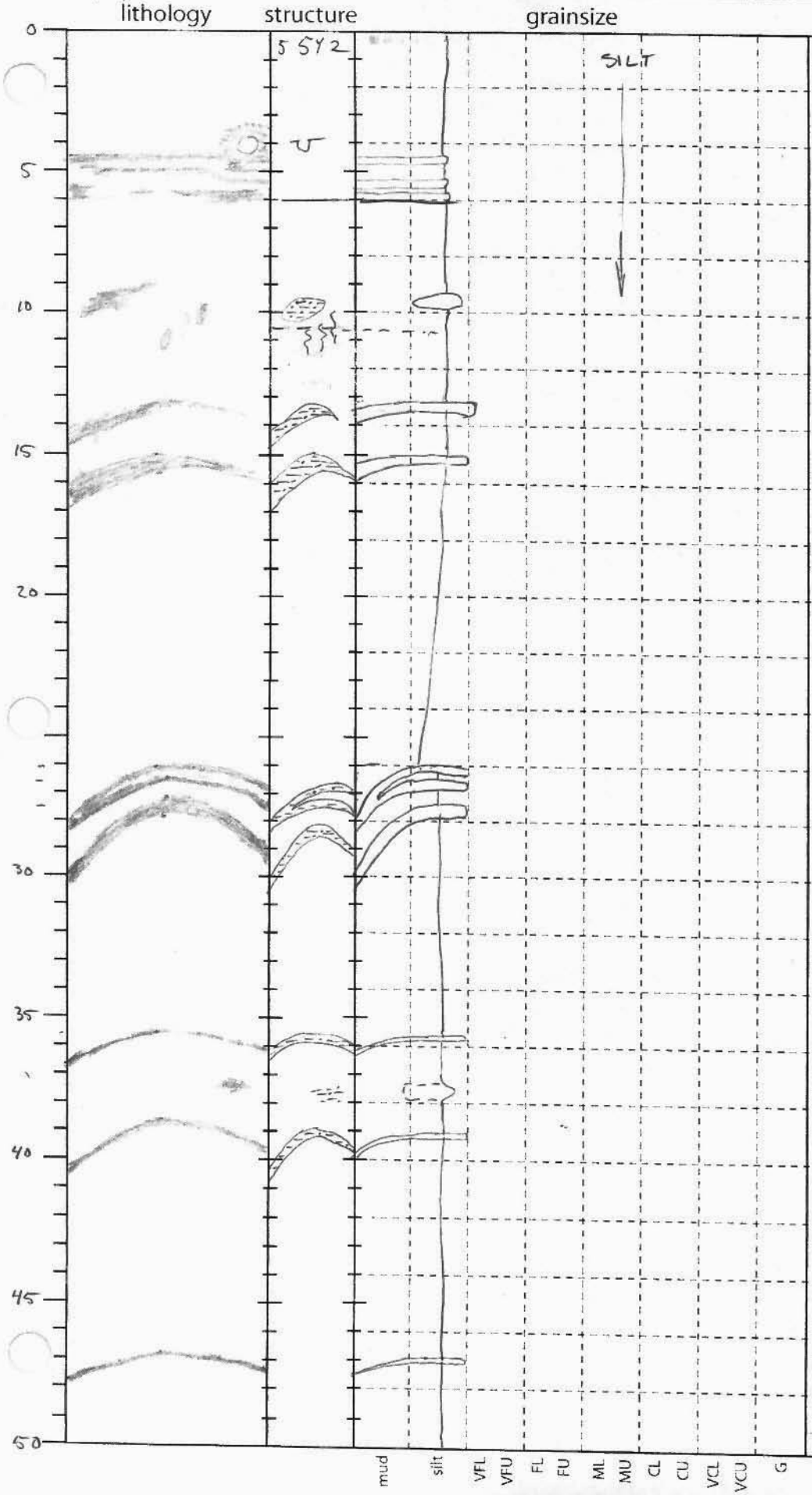
* slightly greenish: 121 cm, 122.5 cm

142 cm core length

142.5 cm MST length

CORE LOG Core No. RR0705 - 76 PC Section No. (1) sheet 1 of 3

Date 6/2/07 GMT Described by PATTON Archive/Working



0 to 6cm : olive grey silt with darker 5Y5/2 olive grey silt laminae at 4.5 to 6 cm. increase in mafic minerals in darker lams. Trace fossil 7x7mm. 5 5Y2 silt inside trace fossil. @ 4.8cm.

6 to 10.5cm 5 GLEY1 10Y olive grey silt, 6 10YR 3 pale brown coarser silt bleb at 9 to 10.5 cm. gradational lower contact.

10.5 to 16 cm : 5 GLEY1 10Y greenish grey silt. Bioturbated. coarse silt beds at 13cm and 15cm

16 to 28.5 cm : 5 GLEY 10Y greenish grey silt grades down core to clay. Three silt beds slightly darker at 26, 26.5, and 27.5 cm.

28.5 to 76.5 cm : 5 GLEY1 10Y greenish grey silt with many silt beds described below:

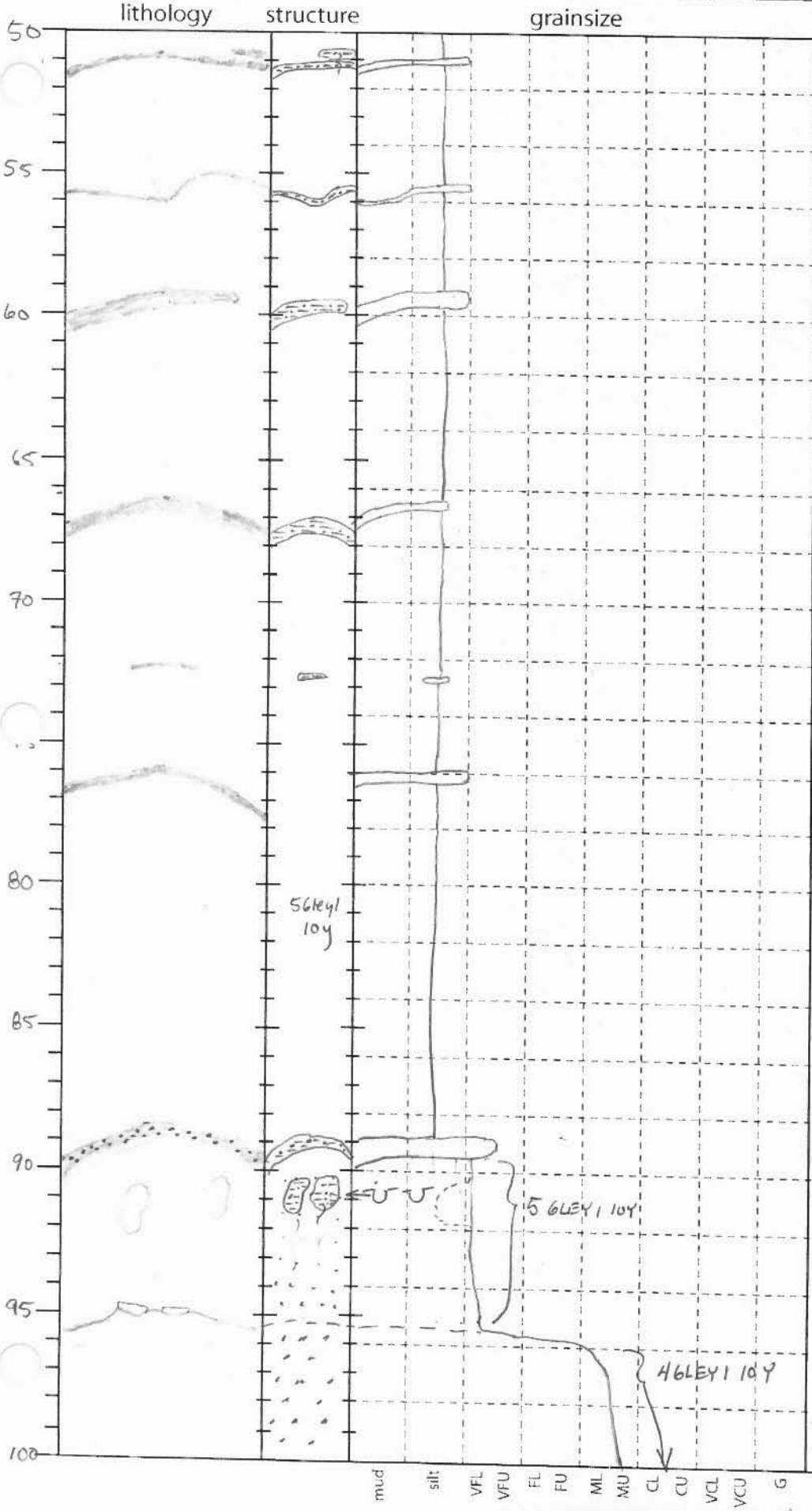
35.7 cm: 2mm greener grey coarser Si

38.8 cm: 3 to 4 mm greener grey C. Si

46.8 cm: 2 to 4 mm greenish grey coarser silt.

CORE LOG Core No. RR0705 - 76 PC Section No. (1) 0 to 150 cm sheet 2 of 3

Date 6/2/07 GMT Described by PATTON Archive/Working



28.5 to 76.5 cont...

51 cm: 3 to 4 mm bluer greenish grey coarse silt bed

reddish greenish grey coarse silt bleb @ 50.5 cm

55 cm: faint 2mm c. si bed

59 cm: blue gree. wh grey coarse silt bed (4mm)

66.2 cm: 5 MM greenish grey silt bed

70.4 cm: 5 mm greenish grey silt bed

73.2 cm: faint silt bed 2 mm

76 cm: 5 mm darker greenish grey coarse silt bed

76.5 to 88.8 cm: greenish grey clayey silt, massive

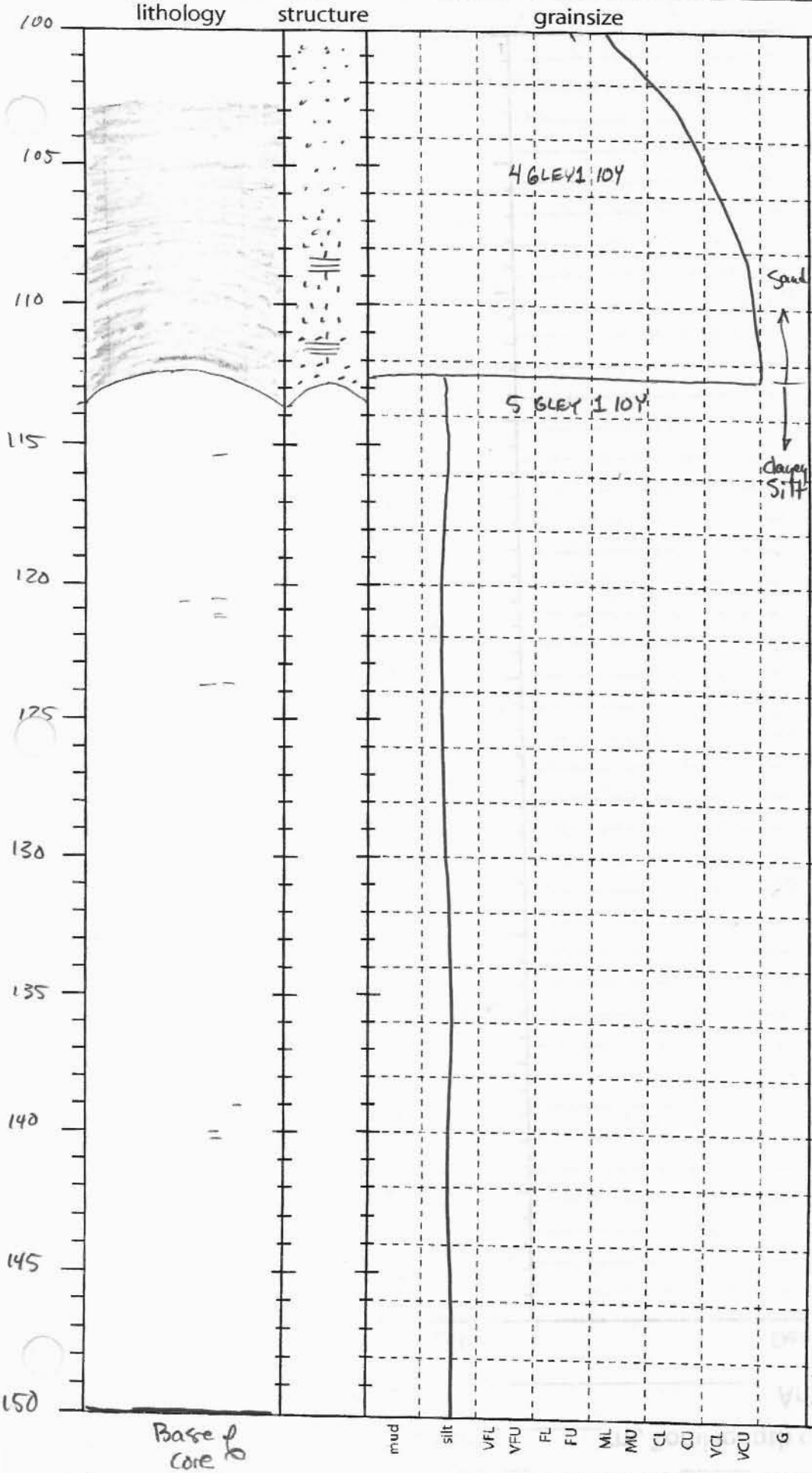
88.8 to 89.8 cm: greenish grey coarse silt to v.f. sand

89.8 to 95 cm: greenish gray silty v.f. sand. coarsens downcore slightly. Sand composed of forams 30% quartz + glass 60% mafic 10% wavy lower contact with 2x10 mm silt clasts above lower contact

95 to 112.3 cm dark greenish grey vf to M sand grades downcore to coarse to very coarse sand. upper portion sand is 50% qz and glass, 40% forams and 10% mafics upper section is massive and laminated from 103 to 112.3 cm. lower section sand is 70% forams, 25% qz, glass and mica, 5% mafics trace shell fragments in lower section of this unit.

CORE LOG Core No. PR0705-76 PC Section No. (1) 0 to 150 cm sheet 3 of 3

Date 6/2/07 Described by PATTON Archive/Working

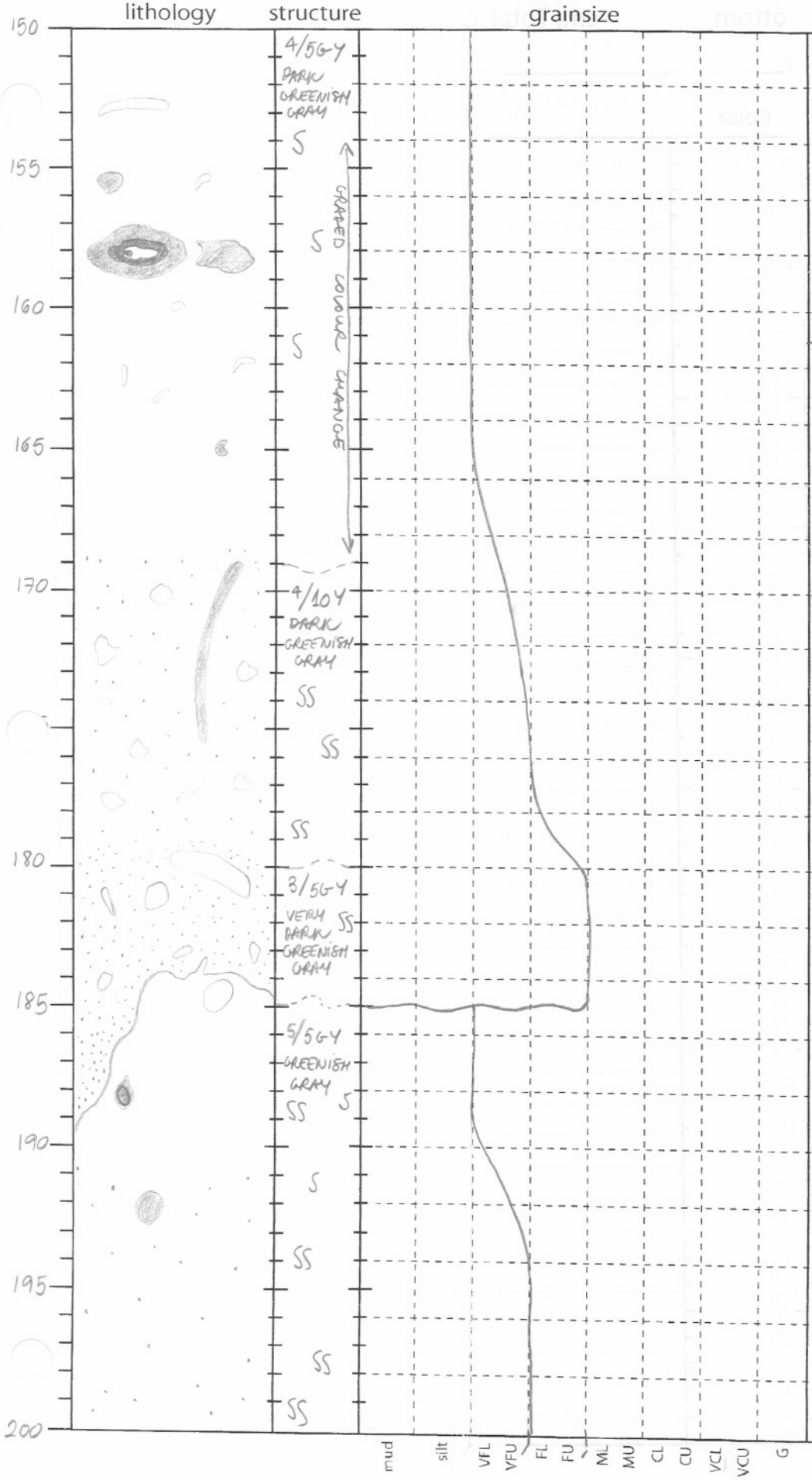


95 to 112.3 cm: cont... gray 7mm thick beds at 104 and 110 cm

112.3 to 150 cm: greenish grey clayey Silt ∅ massive. black specs @: 115, 120.5, 121, 123, 139, and 140 cm.

CORE LOG Core No. RR0705-76PC Section No. 2 (150-300'2 CM) sheet 1 of 3

Date 02/06/07 Described by ZORAIDA Archive/Working

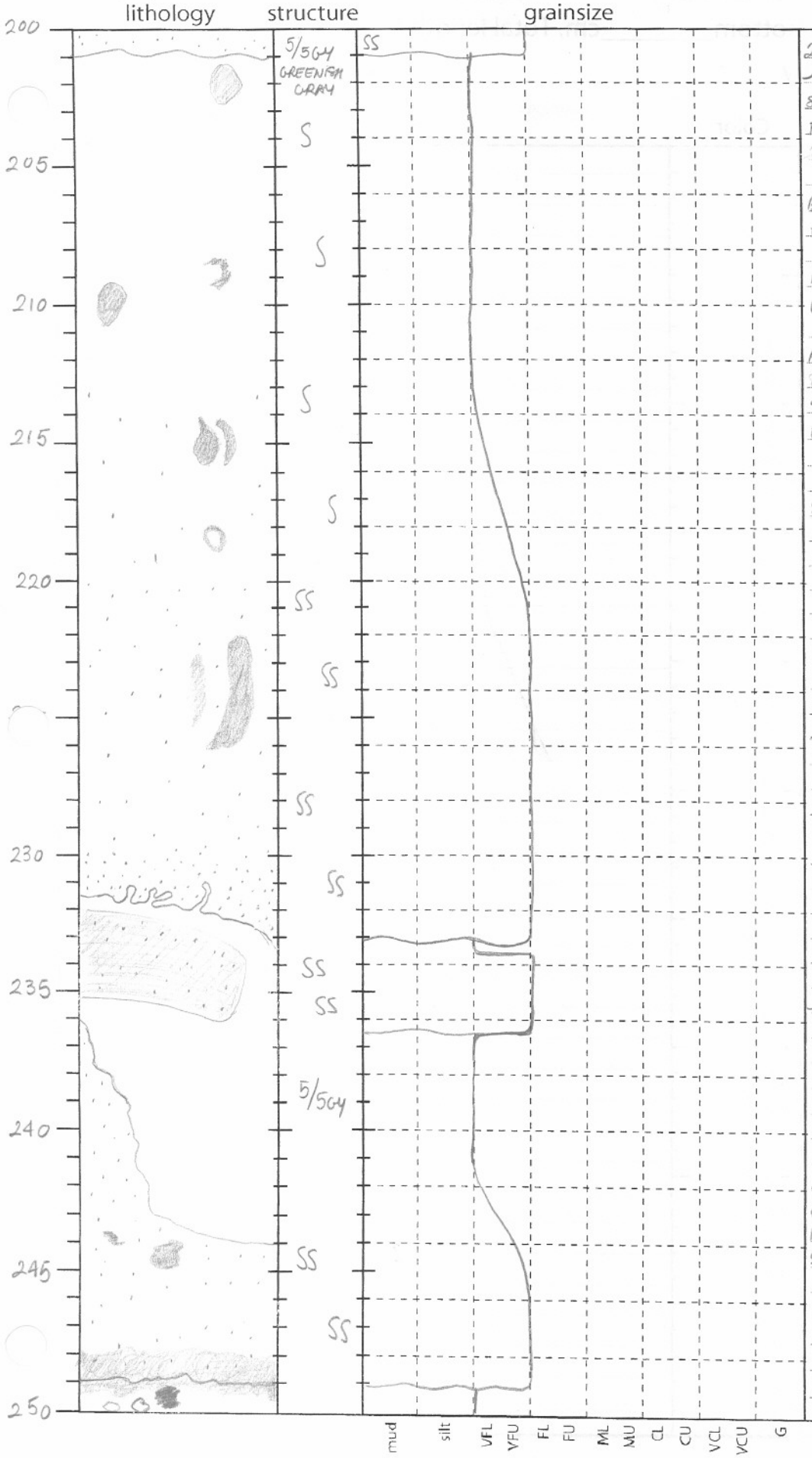


150-185/190: UPWARD GRAINSIZE DECREASING SEQUENCE (FROM FINE SANDS (BASE) TO SILT (TOP)). GRADED COLOUR CHANGE FROM SILT (4/5 GY) 150-169 / V. FINE SAND (4/10Y) 169-180 / FINE SAND (3/5G-Y) 180-185/190. THE FINE SAND LAYER HAS A SHARP, IRREGULAR, COLOUR CHANGE AND VERY BIOTURBATED LOWER BOUNDARY. THE BIOTURBATION IN THIS SECTION IS DECREASING UPWARD AND IN THE SILT LAYER THERE IS A ZONE WHERE DISAPPEARS (165-169). BROWNISH OXIDIZED? BURROW (169-175) AND OTHER ROUNDED SHAPES (135/168-169/165). BLACK CIRCLE ENVOLVING IN A DARKISH LAYER (SHEWS LIKE SULFUR). PRESENCE OF MILIMETRICAL BLACK SPOTS

185-201: VERY FINE SAND TO SILT (UPWARD GRAINSIZE SEQUENCE) GREENISH GRAY. PRESENCE OF MILIMETRICAL BLACK SPOTS, OXIDATION CENTIMETRICAL BALLS IN THE TOP (SILT LAYER) APPEARS BURROWS. THE LOWER BOUNDARY IS DIFFUSE AND THE UPPER BOUNDARY VERY SHARP. THE VERY FINE SAND LAYER IS AFFECTED FOR BIOTURBATION (FINERS GRAINSIZE SHAPES "ELONGATED AND ROUNDED" SHAPES)

CORE LOG Core No. RR0705-76PG Section No. 2 sheet 2 of 3

Date 02/06/07 Described by ZORAIDA Archive/Working



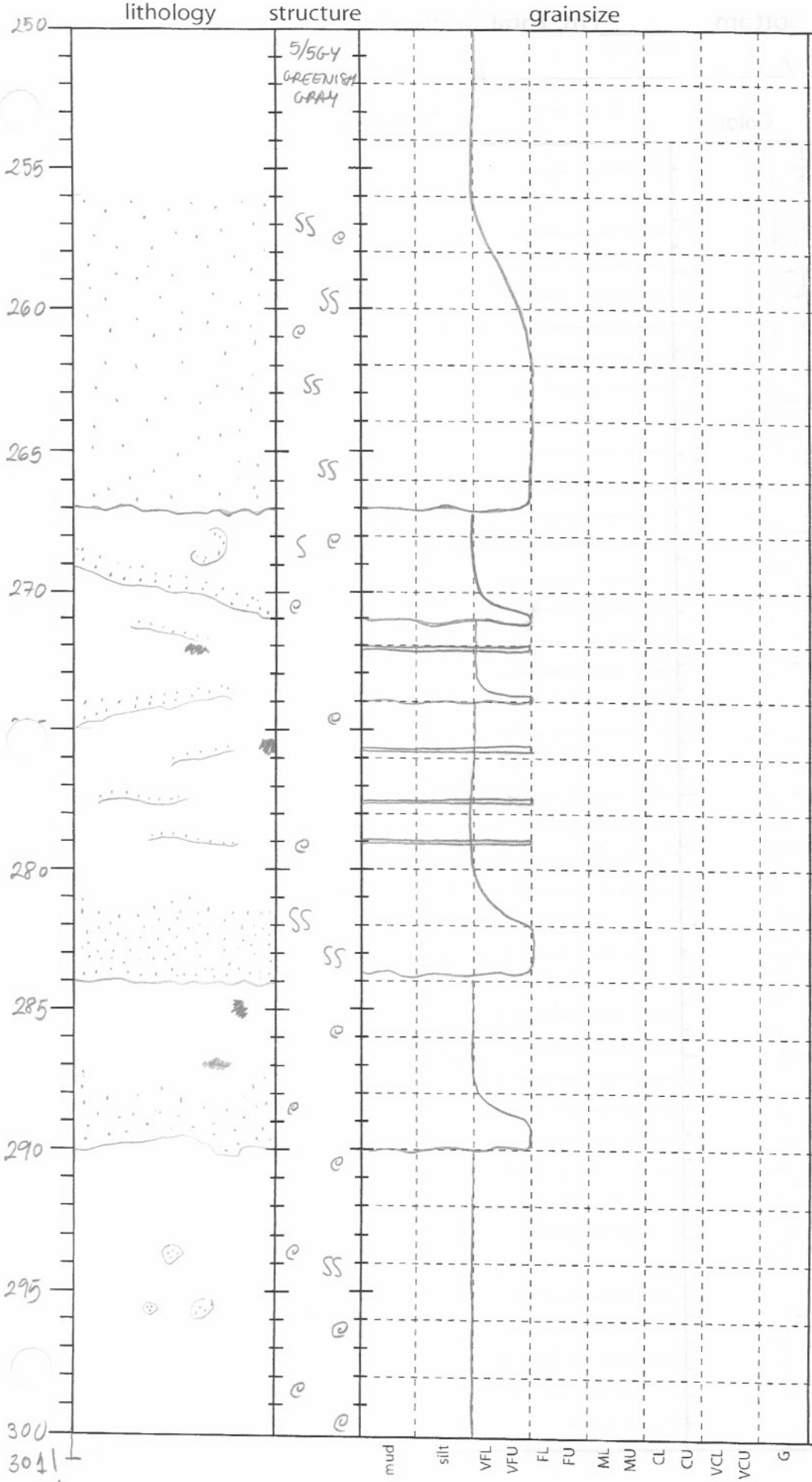
201 - 231/233 CM: GREENISH GRAY UPWARD GRAINSIZE DECREASING SEQUENCE (FROM V.F SAND IN THE BASE UNTIL SILT IN THE TOP) SHARP AND IRREGULARS BOUNDARIES (THE UPPER BOUNDARY IS BIOTURBATED) PRESENCE OF MILIMETRICAL BLACK SPOTS (ROUNDED AND EVONGATED BROWNISH OXIDIZED SHAPES (201 - 202/5 / 209 - 212/215 / 221 - 226) MAYBE BIOTURBATION RELICTS?) AND LIGHT BLACKISH COLOURED SHAPES. THE V.FINE SAND LAYER HAS A LOT OF EVONGATED SHAPES THAT HAS A MINOR GRAINSIZE (BIOTURBATION?) MILIMETRICAL WHITISH SOFT SHAPES IN THE SAND LAYER

232 - 235 CM: BROWNISH OXIDIZED? V. FINE SAND LAYER WITH A SHARP BOUNDARIES AND VERY BIOTURBATED

235 - 249 CM: GREENISH GRAY UPWARD SEQUENCE OF VERY FINE SAND IN BOTTOM AND A SILT LAYER ON THE TOP, THE V.F SAND LAYER HAS AN A VERY IRREGULAR MORPHOLOGY AND HER LOWER DIFFUSE BOUNDARY IS CHARACTERIZED BY A PRESENCE OF A LIGHT BROWNISH OXIDIZED LAYER AND A LOT OF BIOTURBATION, BROWNISH OXIDIZED SHAPES (243/5 - 244/5).

CORE LOG Core No. RR0705-76PC Section No. 2 sheet 3 of 3

Date 02/06/07 Described by ZORAIDA Archive/Working



249-231 : INWARD DECREASING GRAINSIZE (V. FINE SAND TO SILT) GREENISH GRAY (5/5GY) SEQUENCES VERY BIOTURBATED (GRAIN REWORKING) EMPHASIZED IN THE VF SAND LAYERS.

257-231 : FORAMS IN LOW AMOUNT ?

267.5-268 CM : V.F SAND FILED BURROW INTO A SILT LAYER

BLACKISH COLOURED SPOTS (SULFURS?) 272, 275.5, 285, 287.

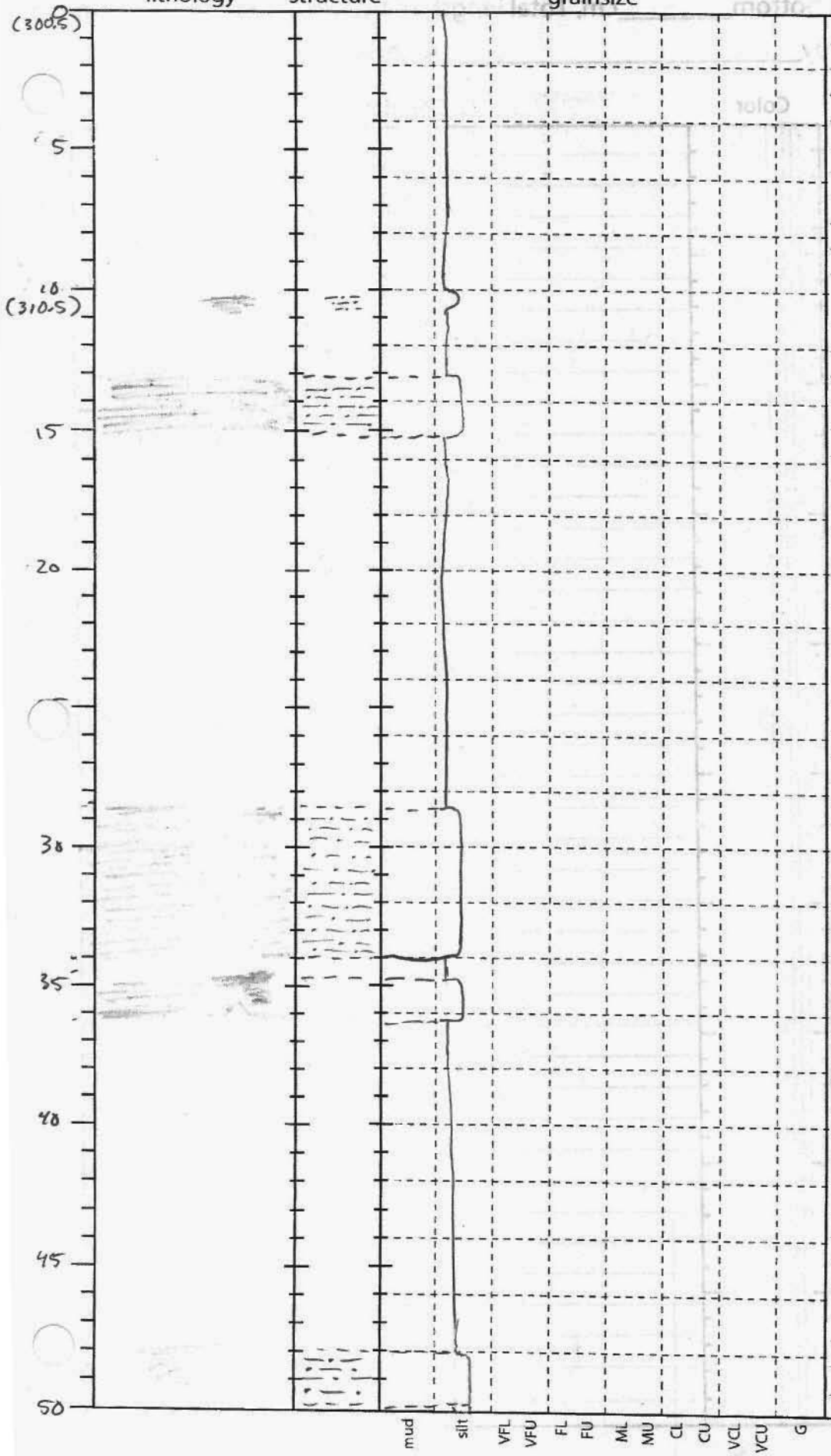
293-296 CM: CENTIMETRICAL V.F. SAND BARS INTO A SILT LAYER (BURROWS?)

CORE LOG Core No. RR0705-76PC Section No. (3) 300.5 to 417.8 sheet 1 of 3

Date 6/2/07 Described by PATOM Archive/Working

117.3
300.5
417.8

lithology structure grainsize



0 to 11.3cm: 4GLEY1 10Y dark greenish grey clayey silt with trace forams, silt sized mica. Tracer of coarser silt in stratigraphic section:

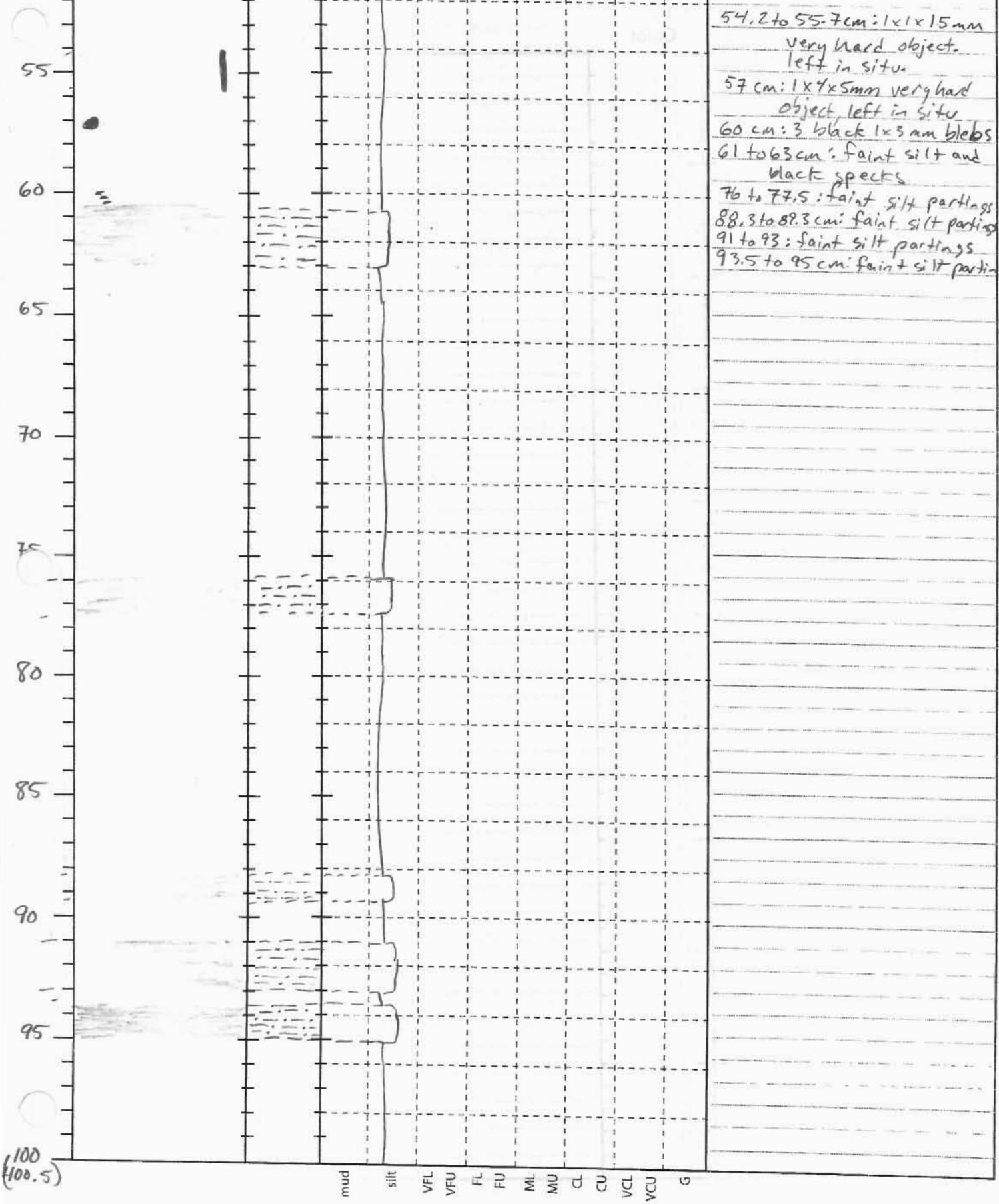
10 to 11cm: silt partings

13 to 15cm: silt partings

29.5 to 34cm: silt partings

34.5 to 36.5 cm: silt partings

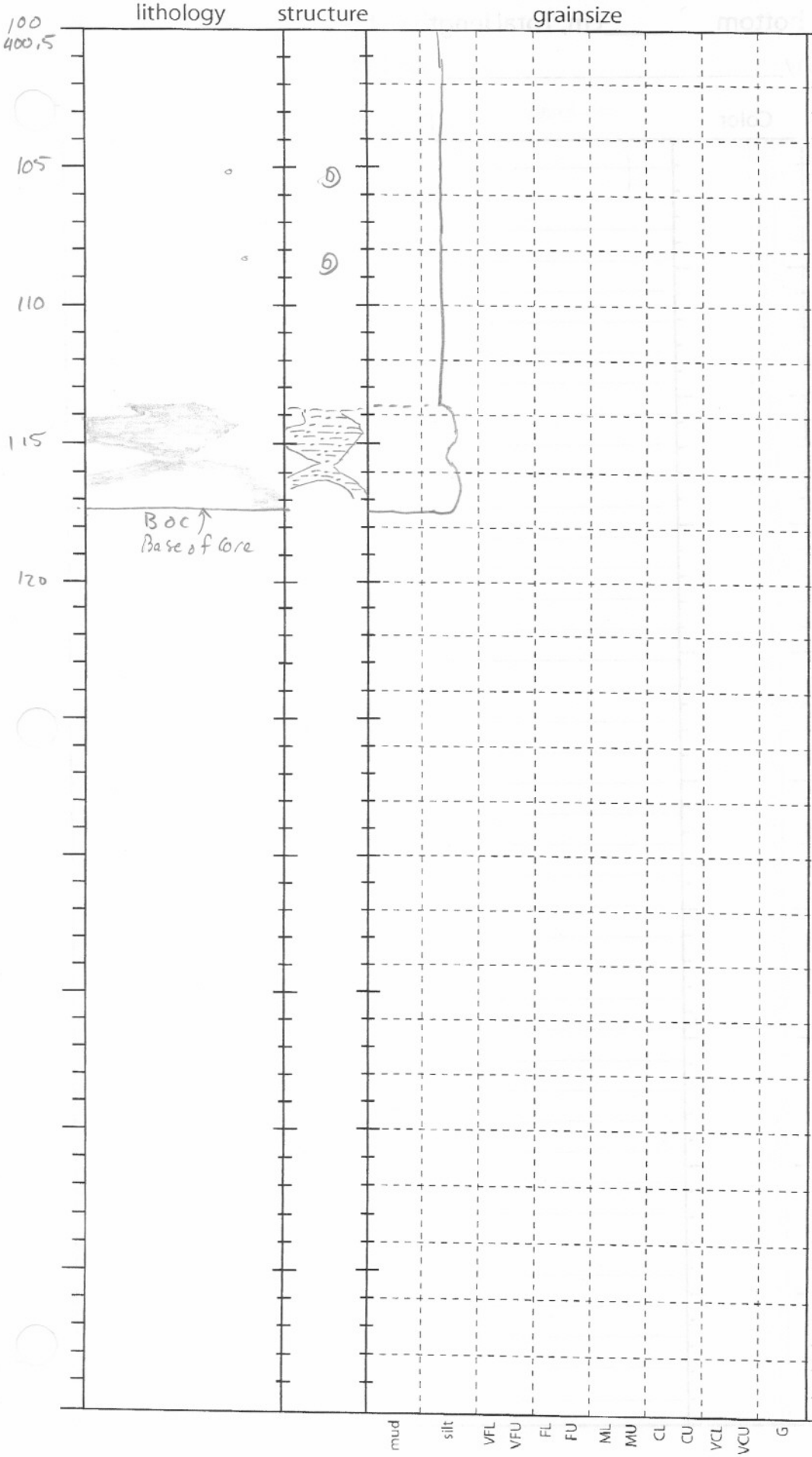
48 to 50 cm: very faint silt partings



54.2 to 55.7 cm: 1x1x15 mm very hard object. left in situ.
57 cm: 1x4x5mm very hard object, left in situ
60 cm: 3 black 1x3 mm blebs
61 to 63 cm: faint silt and black specks
76 to 77.5: faint silt partings
88.3 to 89.3 cm: faint silt partings
91 to 93: faint silt partings
93.5 to 95 cm: faint silt partings

CORE LOG Core No. RR0705-76 PC Section No. (3) 300.5 to 417.8 sheet 3 of 3

Date 6/2/07 Described by PATTON Archive/Working



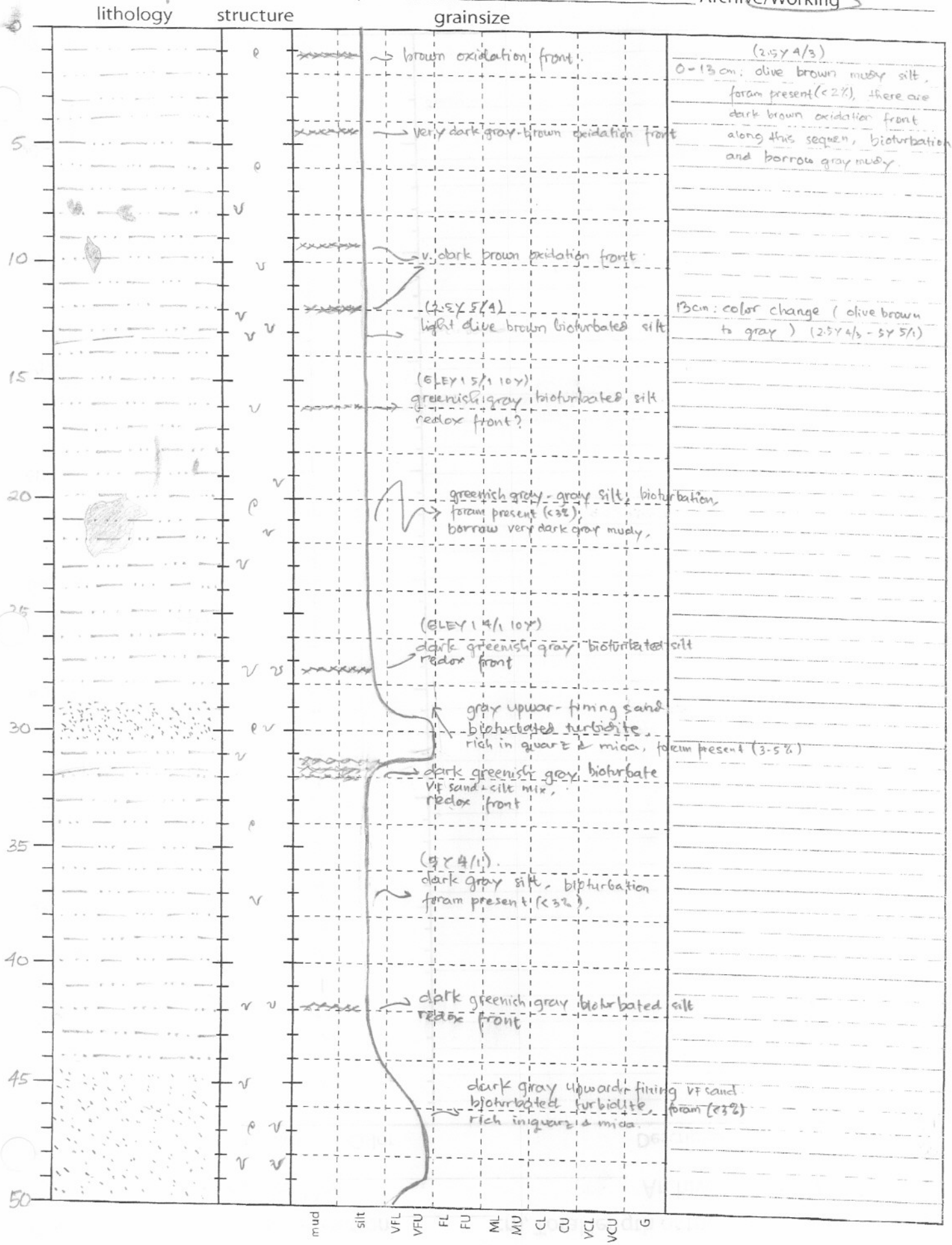
0 to 117.3 cm cont...

113.5 to 115.5 cm: slightly darker silt partings (4 Gley 1 10y dark greenish grey)

Bio clasts at 105cm, 108cm

CORE LOG Core No. RR0705-77 TC Section No. 1 of 1 sheet 1 of 2

Date 3 JUNE 07 Described by SAPTA Archive/Working



(2.5Y 4/3)

0-13 cm: olive brown mudy silt, foram present (<2%), there are dark brown oxidation front along this sequen, bioturbation and borrow gray mudy.

13cm: color change (olive brown to gray) (2.5Y 4/3 - 5Y 5/1)

CORE LOG Core No. RR0705 - 77 TC Section No. 1 of 1 sheet 2 of 2.

Date 3 JUNE 07 Described by SAPTA Archive/Working

lithology structure grainsize

50

dark grey silt-sand mix; bioturbated turbidite

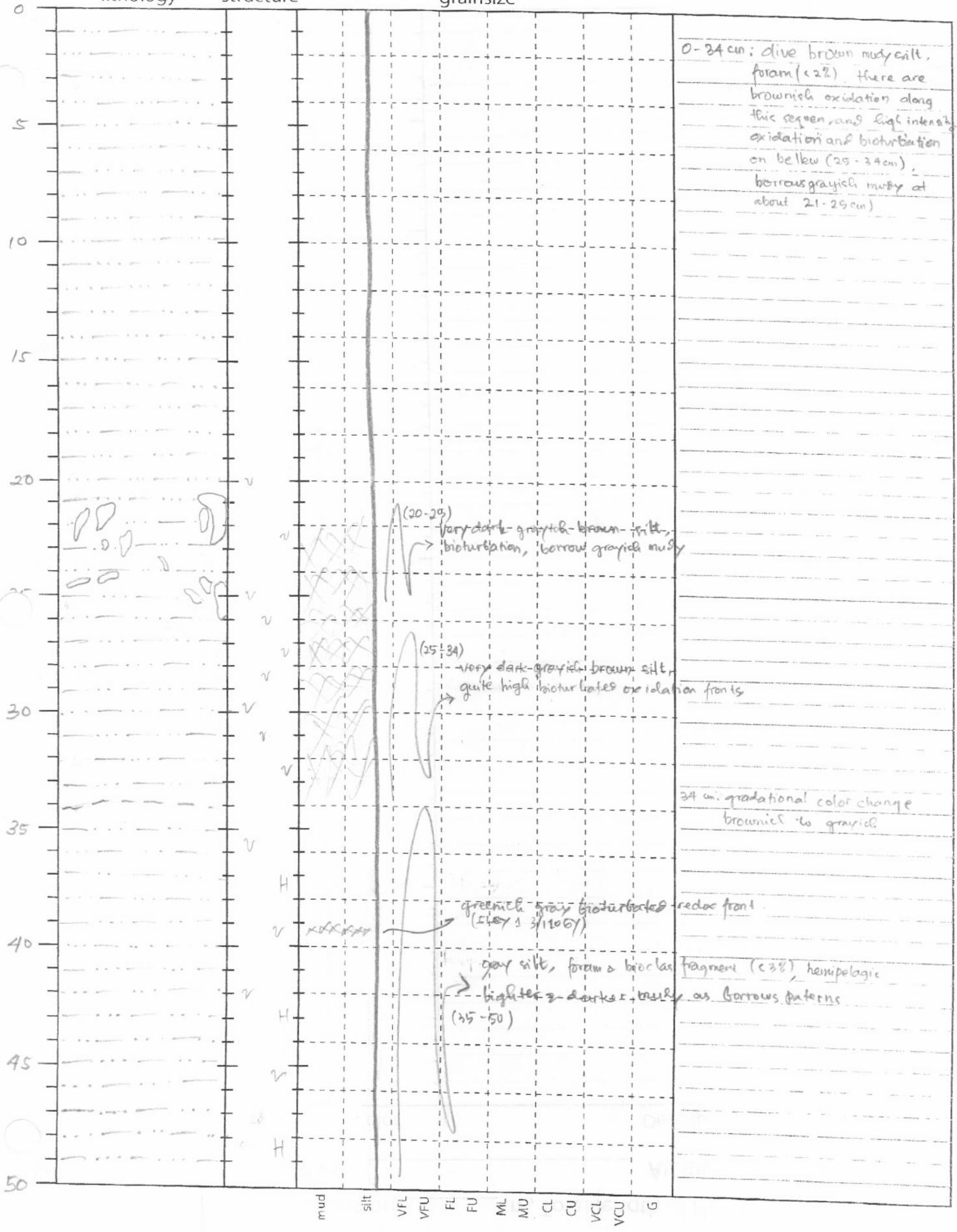
END OF CORE RR0705 - 77 TC. (53 cm).

55

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705 - 77 PC Section No. 1 of 2 sheet 1 of ____

Date 3 JUNE 07 Described by SAPTA Archive/Working



0-34 cm: olive brown mudy silt, foram (<2%) there are brownish oxidation along this sequen, and high intensity oxidation and bioturbation on below (25-34 cm), borrows grayish mudy at about 21-25 cm)

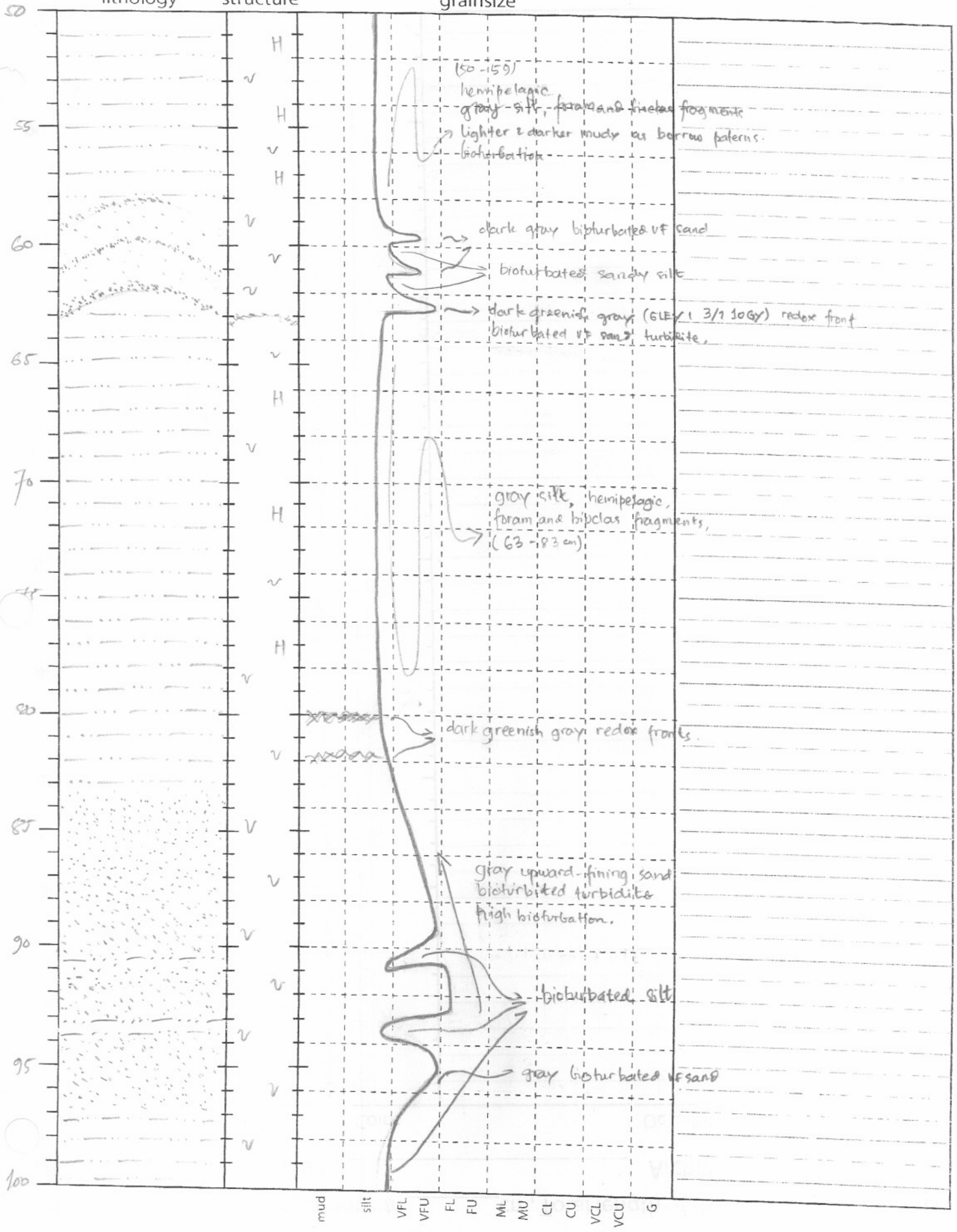
34 cm: gradational color change brownish to grayish

redox front

fragment (<3%), hemipelagic

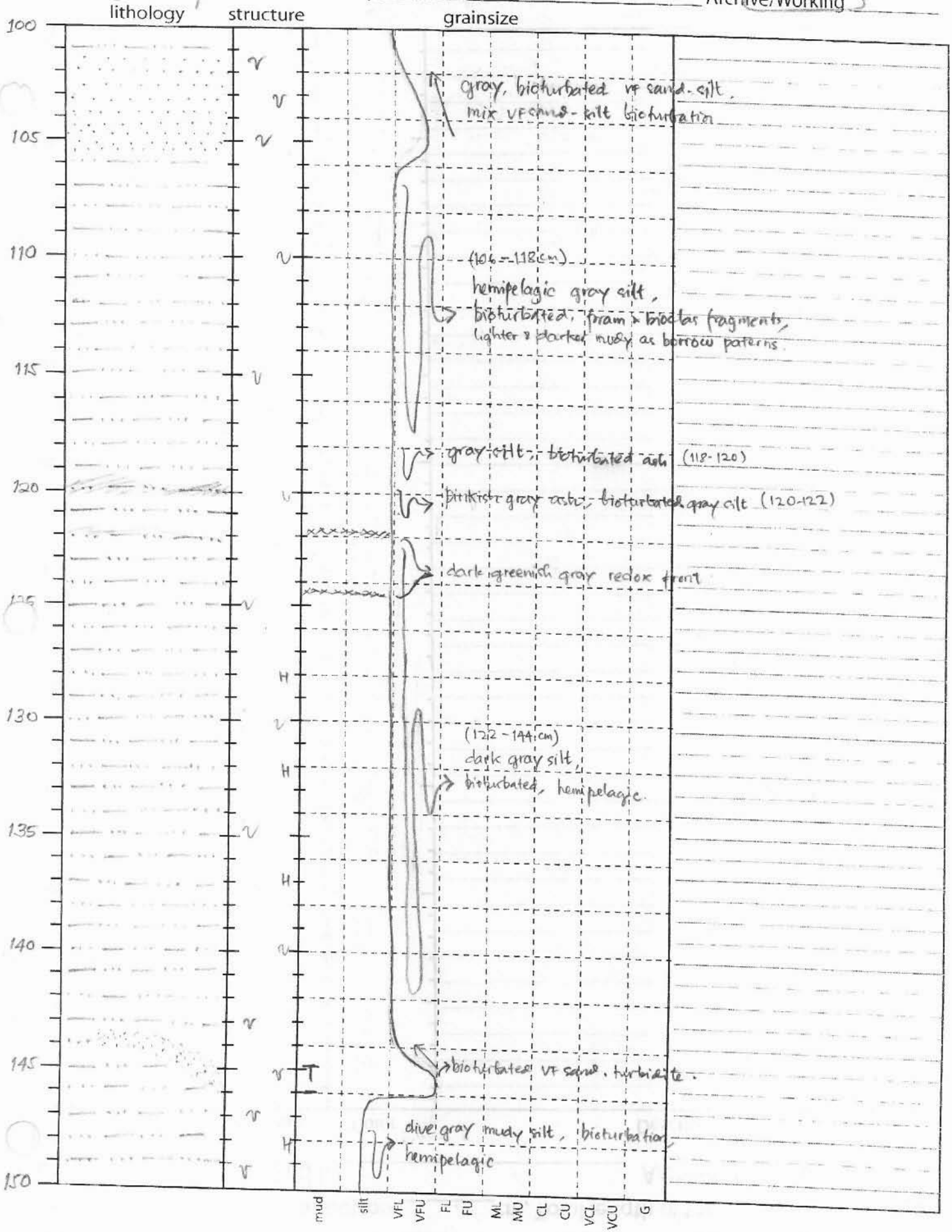
CORE LOG Core No. RR0705 - 77PC Section No. 1 of 2 sheet 2 of ____

Date 3 JUNE 07 Described by SAPTA Archive/Working



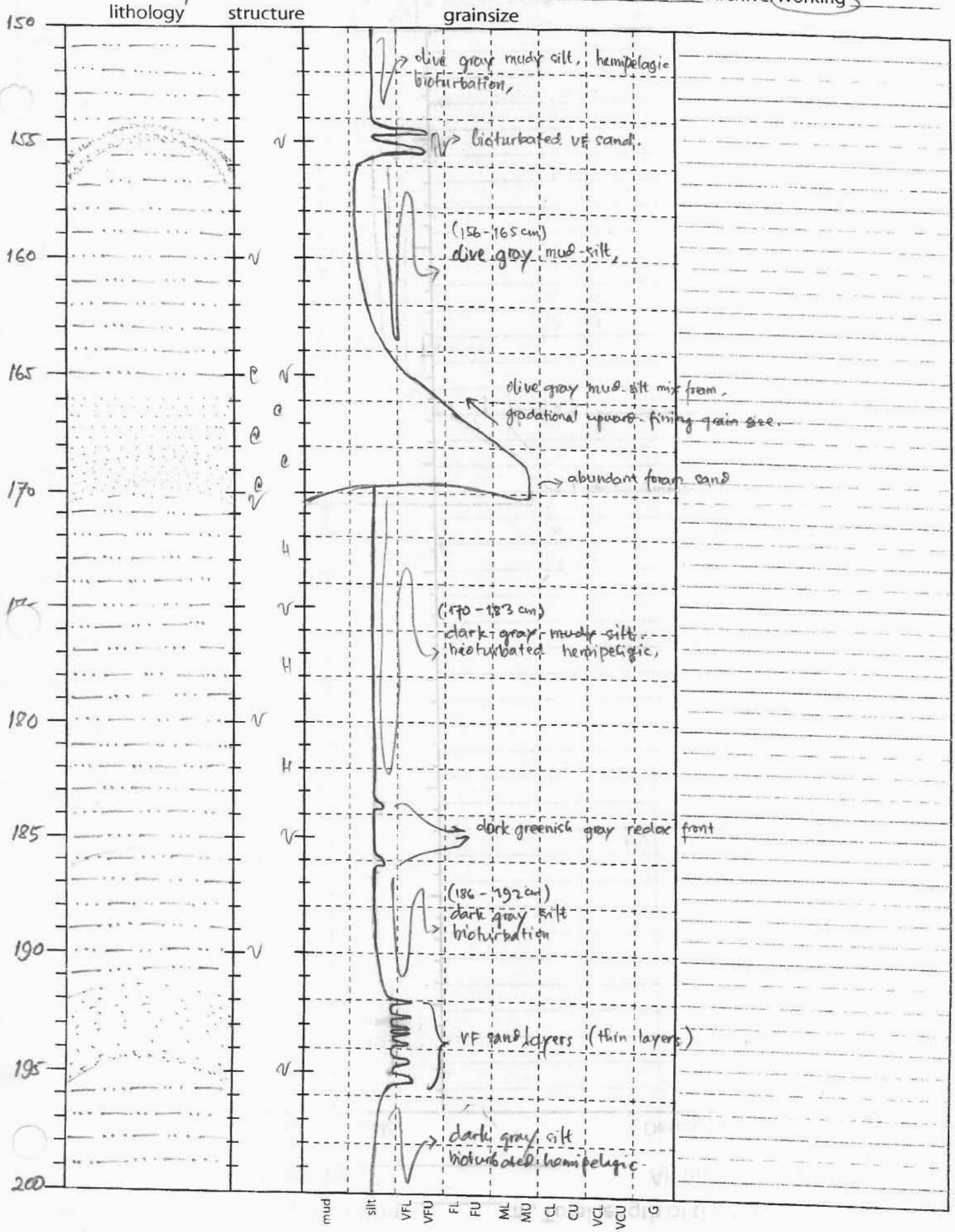
CORE LOG Core No. RR0705-77 PC Section No. 1 & 2 of 2 sheet 3 of

Date 3 JUNE 07 Described by SAPTA Archive/Working



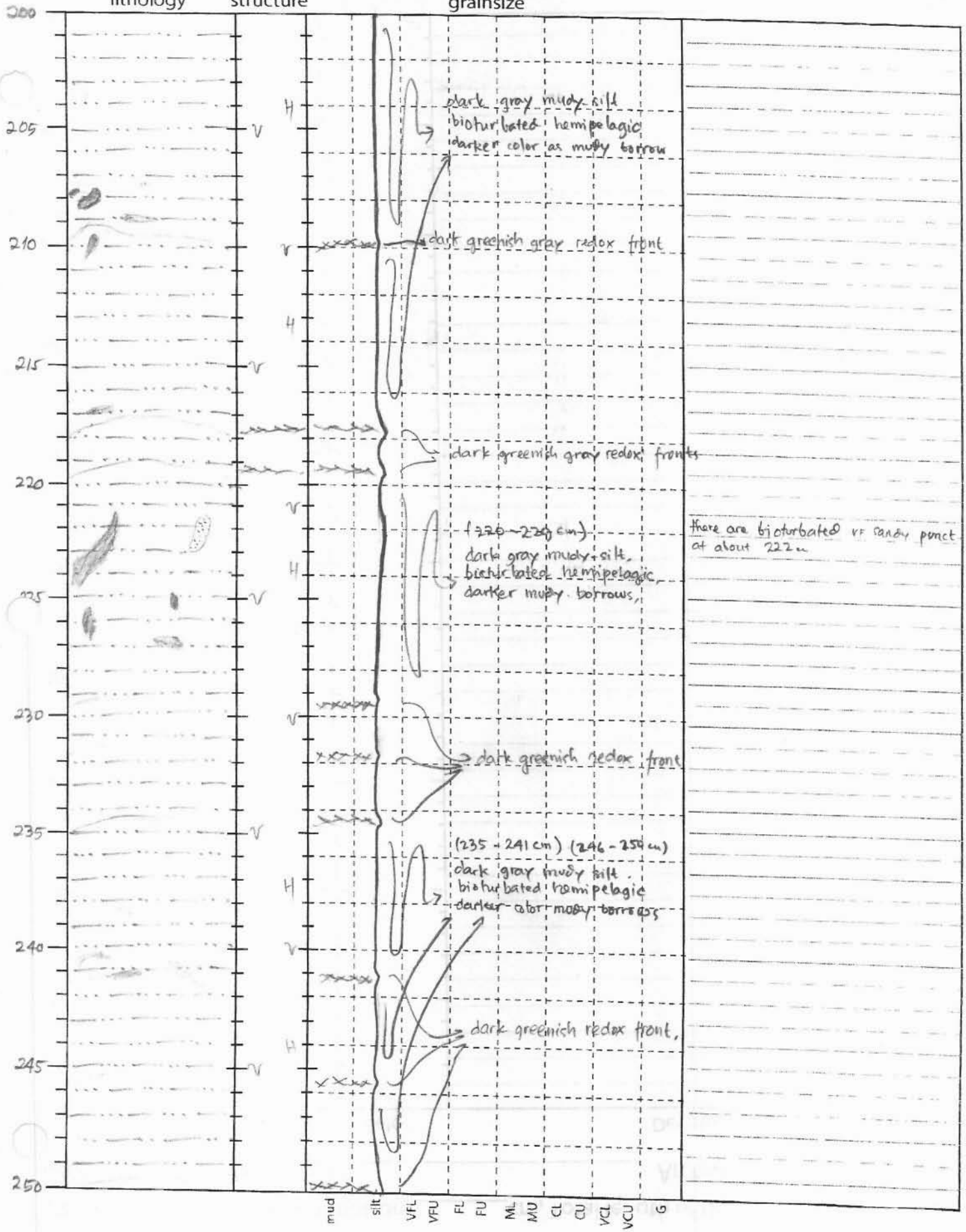
CORE LOG Core No. RR0705 - 77 PC Section No. 2 of 2 sheet 4 of ____

Date 3 JUNE 07 Described by SAPTA. Archive/Working



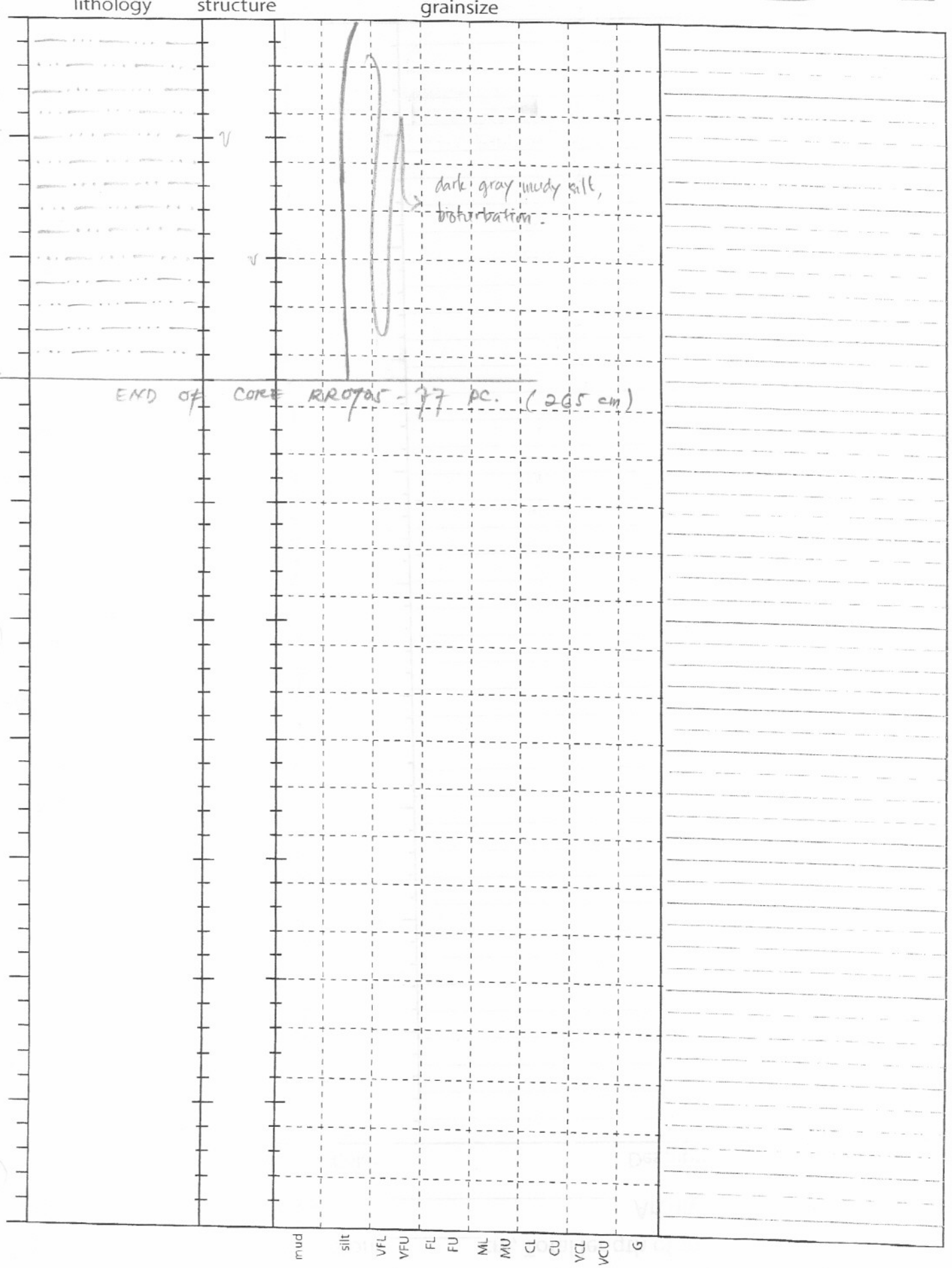
CORE LOG Core No. RR0705 -77 PC Section No. 2 of 2 sheet 5 of

Date 3 JUNE 07 Described by SAPTA Archive/Working



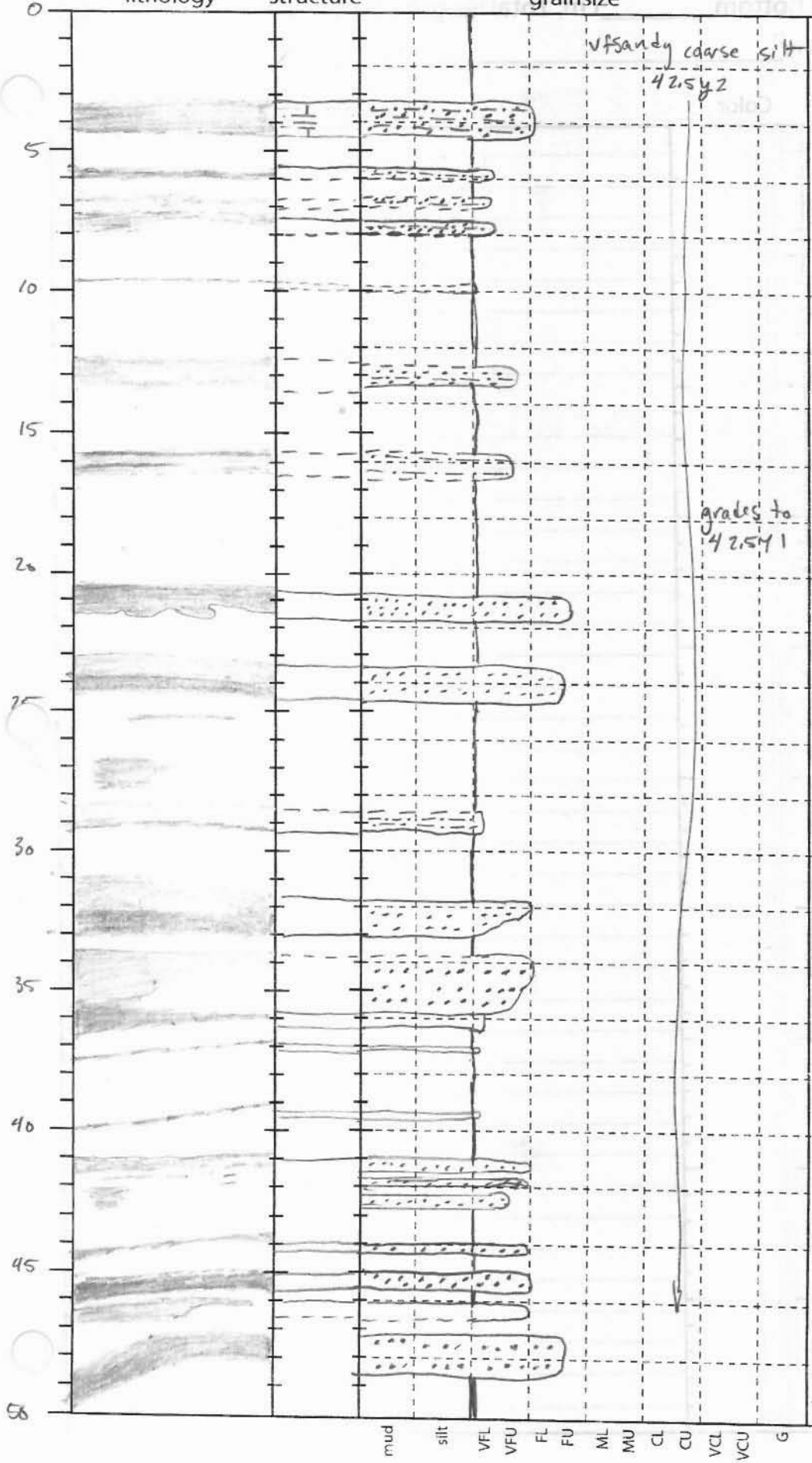
CORE LOG Core No. RR 0705 - 77 PC Section No. 2 of 2 sheet 6 of 6

Date 3 JUNE 07. Described by SAPTA Archive/Working



CORE LOG Core No. 78TC Section No. (1) 0 – 150.5 sheet 1 of ____

Date 6/3/07 Described by PATTON Archive/Working ____



0 to 3.3 cm : 42.5Y2 dark greyish brown vf sandy coarse silt grades to 42.5Y1 until 1.635cm

3.3 to 4.5 cm : 42.5Y3 olive brown, mafic 5%, mica 15%, quartz 80%, silty vf. sand

4.5 to 63.5cm: 42.5Y2 dark greyish brown clayey silt with interbeds of very dark greyish brown to olive brown beds of coarse silt to vf sand details below:

5.5 to 6cm : olive brown silty vfl sand,

6.5 to 7cm : olive brown (faint) silty vfl sand mica 15% mafic 5% qz 80%

7.3 to 8cm : olive brown silty vfl sa. mafic 5% mica 15% qz 80%

9.8 cm: 2mm Slightly more reddish brown (no munsell, too thin) lam

12.5 to 13.5cm: olive brown silty vf sand 10% mica 10% mafic 80% qz.

15.8 to 16.7 cm: olive brown coarse silt, trace vf sand

20.7 to 21.6 cm : 32.5Y2 Very dark greyish brown vf to f sand 30% mica 30% mafic 30% qz

23 to 23.7: dk greenish grey brown silty vf. sand

23.7 to 24.3 cm: olive brown vf to fu sand

25 cm: 3 mm faint olive brown c silt

26.9 to 27.7 cm: olive brown vf to f sand

28.5 to 29.3 cm: olive brown coarse silt

31 to 33 cm: dark greyish brown vf to f sand upper to olive brown vf sand to silt lower silt blebs in middle.

34.5 to 36.1 cm: dark greyish brown vf to f sand bed above olive brown vf sandy coarse silt.

37 and 39.5 : 1 to 2 mm reddish brown layers

41 to 42.5 : dark grey silty vf. sand beds and blebs

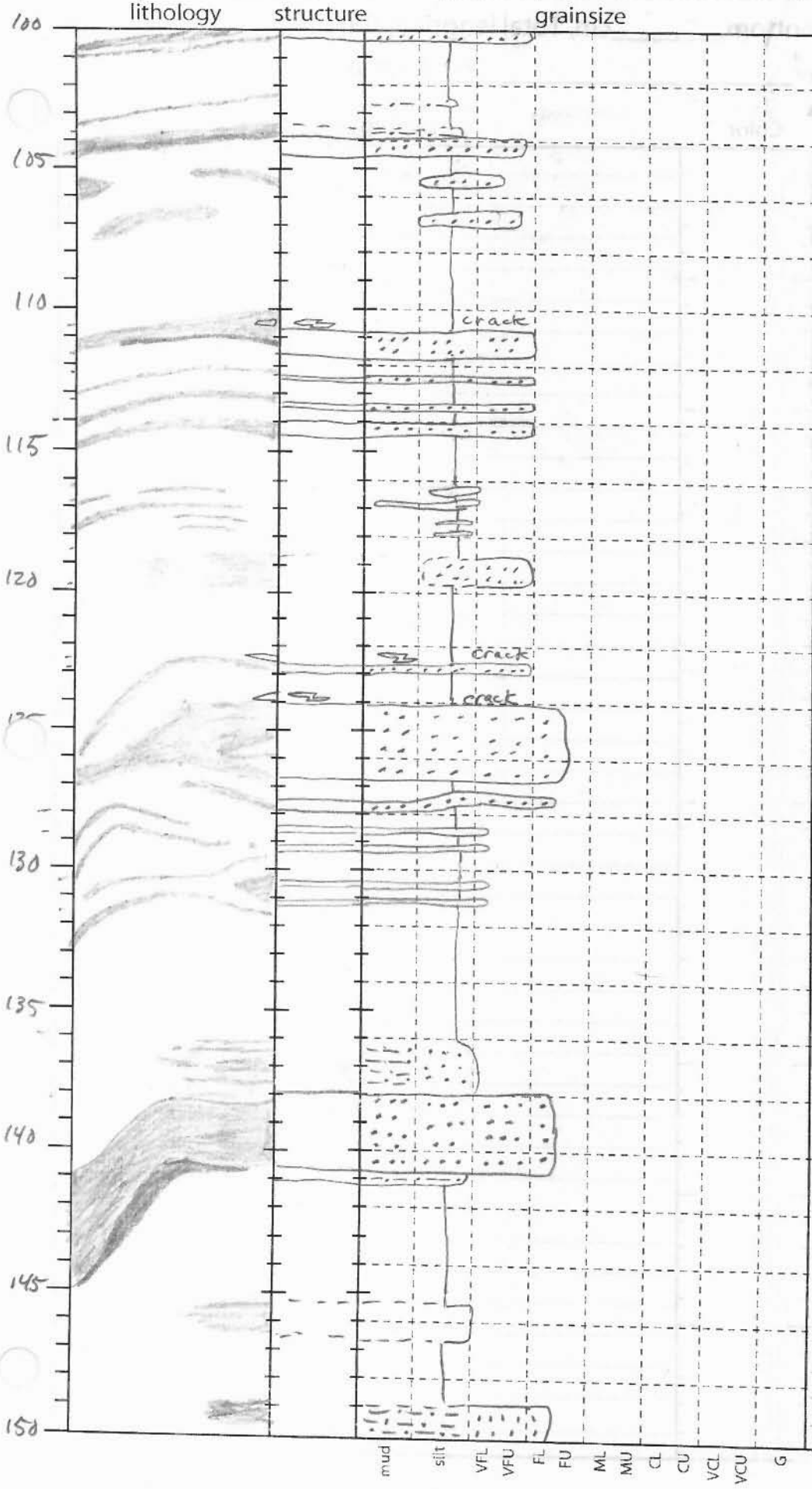
44 to 45 : one 2 mm and one 4 mm very dark greyish brown coarse silt to vf sand

46 to 46.6 : dk grey brown silty vf sand discontinuous.

47.3 to 48.6 : dk grey brown vf to f sand.

CORE LOG Core No. 78TC Section No. (1) 0 to 150.5 sheet 3 of ____

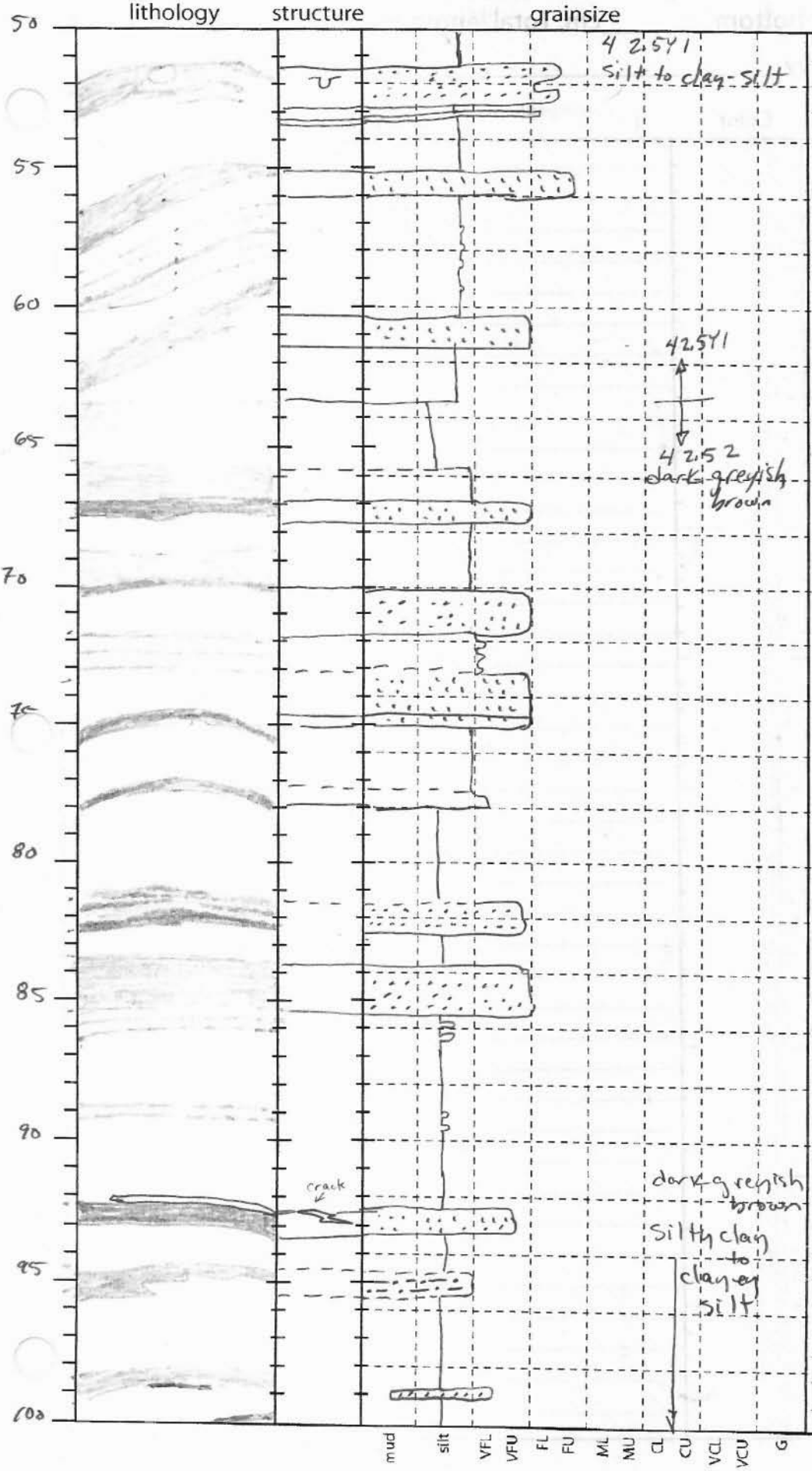
Date 6/3/07 Described by PATTON Archive/(Working)



63.5 to 150.5 cm cont...
silty clay to clayey silt with coarse silt to sandy interbeds (cont...)
100 to 100.5: vf sand
100.7, 103: 2-2mm reddish brown vf sandy coarse silt
103.7 to 104.5: reddish brown vf sandy coarse silt overlying dark greyish brown vf sand
105, 106.5 cm: two 3-4 mm olive grey v.f. sand discontinuous layers
110.8 to 111.7: grey vf to f sand overlying reddish brown silt (discontinuous silt)
112.3, 113.2, 114: 2mm, 4mm, 4mm grey vf sand lams
116.2, 116.7: discontinuous 1mm and 3mm coarse silt beds
117.5, 117.8: discontinuous 1mm c. silt beds
118.5 to 119.8 cm: grey silty vf sand, discontinuous
122.5 to 122.9: grey vf sand
124 to 126: grey vf to f sand
127 cm: 4mm grey vf to f sa.
128, 128.7 cm: 2 to 3 mm vf sandy c silt
130.5, 131.5: discontinuous v.f. sand
136 to 138.2: mottled sand and silt
138.2 to 140.5: grey vf to f sa
140.5 to 141.2: reddish brown silt
143 to 143.7: discontinuous grey vf sandy coarse silt
145.5 to 146.5: discontinuous reddish brown coarse silt
148.8 to 149.5: grey vf to f sand

CORE LOG Core No. 78 TC Section No. (1) 0 to 150.5 sheet 2 of ____

Date 6/3/07 Described by PATTON Archive/Working



4.5 to 63.5 cm: cont...

51.5 to 53.5 cm: 4 2.5Y2 greyish brown vf to f sand Mica 5% qz 45% mafic 5%

55.2 to 56: 4 2.5Y2 greyish brown vf to f mica qz sand mica 5% mafic < 5% qz and glass 90%

57.2, 57.6, 58.3, 58.7, 59.5: 1, 1, 2, 1, and 1 mm coarse silt to vf sand greyish brown beds

60.3 to 61.5: vf to f sand greyish brown bed, partially discontinuous.

63.5 to 150.5 cm: Silty clay to clayey silt with coarse silt to sandy interbeds described below:

65.5 to 67.5 cm: dark greyish brown vf sandy coarse silt above greenish grey brown vf sand, qz

67.5 to 68.7: dark greyish brown coarse silt

68.7 to 70: dark grey coarse silt

70 to 70.3: dk greyish brown c. silt

70.3 to 71.8 cm: olive grey c. silt to v.f. sand

71.8 to 73.5: olive grey interbeds of c silt and v.f. sand

73.5 to 75: olive grey vf sand above dk greyish brown vf sand

75 to 78 olive grey c silt above dk greyish brown c silt, trace vf sand

81.3 to 82.5: 5 1 to 3 mm dk greyish brown lams vf sand: mafic 10% mica 35% qz 55%

83.5 to 85.5: 5 2.5Y1 grey vf sand

86, 86.2, 88.8, 89.3: two pairs of reddish brown layers

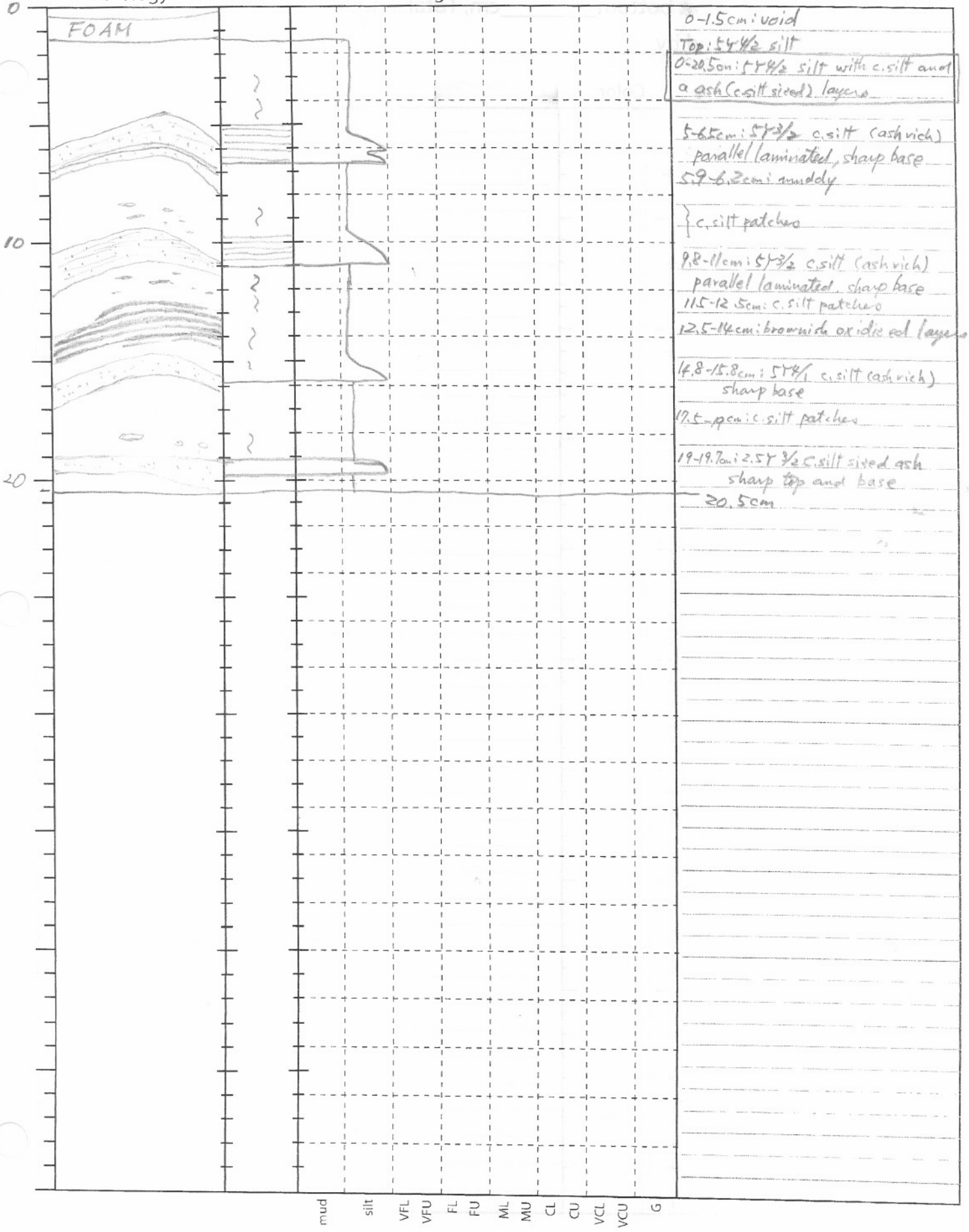
92.3 to 93: below 2 to 4 mm wide crack, a dark greyish brown vf to f sand.

94.5 to 95.5: olive grey vf sandy coarse silt

98.7 to 99.5: reddish brown layer, faint vf sand bed 1mm

CORE LOG Core No. RR0705 - 78PC Section No. 1 sheet 1 of 1

Date 03/06/2007 Described by Ken Archive/Working



0-1.5cm: void

Top: 5Y 4/2 silt

0-20.5cm: 5Y 4/2 silt with c. silt and a ash (c. silt sized) layers

5-6.5cm: 5Y 3/2 c. silt (ash rich) parallel laminated, sharp base

5.9-6.2cm: muddy c. silt patches

9.8-11cm: 5Y 3/2 c. silt (ash rich) parallel laminated, sharp base

11.5-12.5cm: c. silt patches

12.5-14cm: brown/ox idized layers

14.8-15.8cm: 5Y 4/1 c. silt (ash rich) sharp base

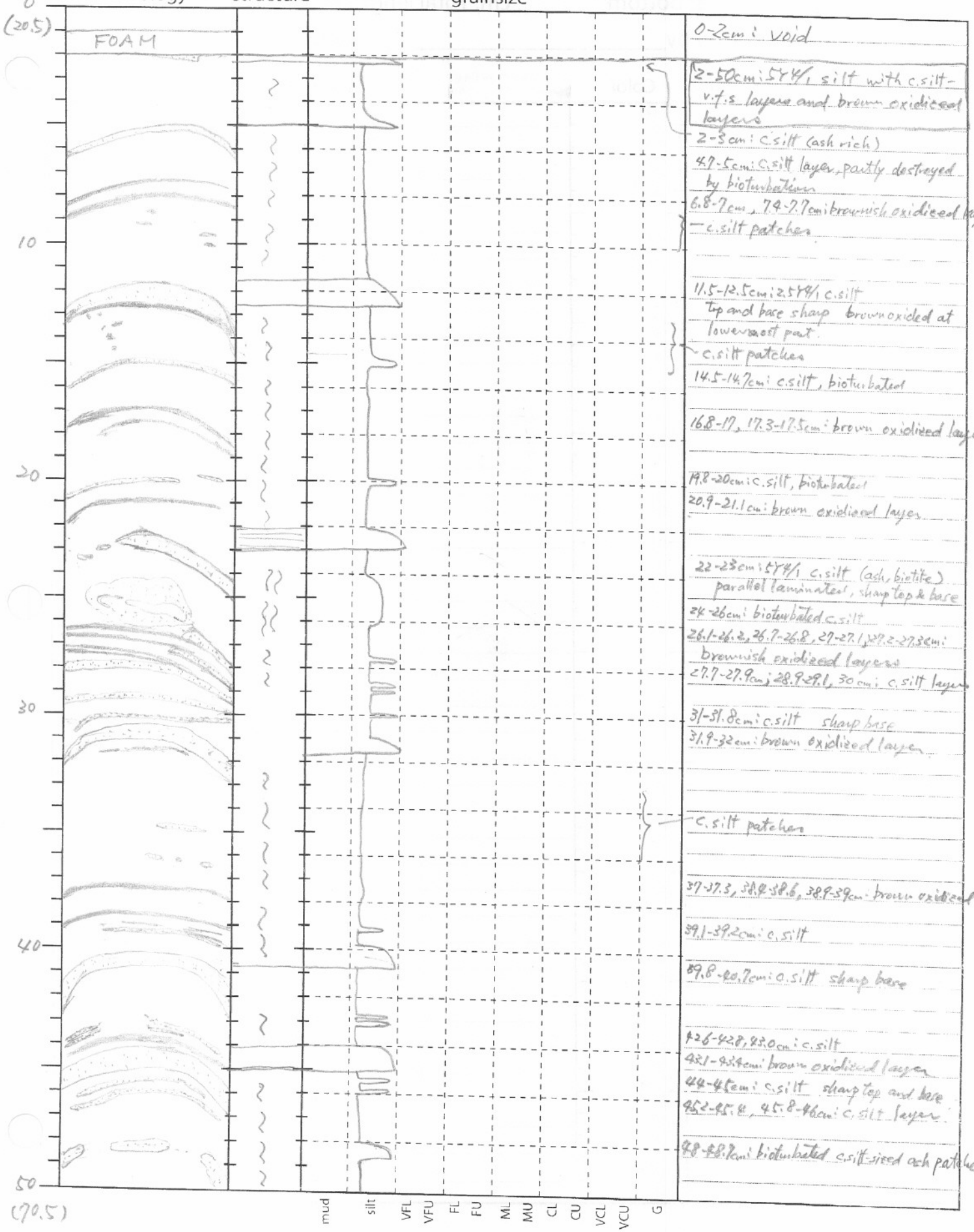
17.5-18cm: c. silt patches

19-19.7cm: 2.5Y 3/2 c. silt sized ash sharp top and base

20.5cm

CORE LOG Core No. RR0705-78PC Section No. 2 sheet 1 of 3

Date 03/06/2007 Described by Ken Archive/Working



0-2cm: void

2-50cm: 5Y4/1 silt with c.silt-v.f.s layers and brown oxidized layers

2-3cm: c.silt (ash rich)

4.7-5cm: c.silt layer, partly destroyed by bioturbation

6.8-7cm, 7.9-7.7cm: brownish oxidized layer

c.silt patches

11.5-12.5cm: 2.5Y4/1 c.silt top and base sharp brown oxided at lowermost part.

c.silt patches

14.5-14.7cm: c.silt, bioturbated

16.8-17, 17.3-17.5cm: brown oxidized layer

19.8-20cm: c.silt, bioturbated

20.9-21.1cm: brown oxidized layer

22-23cm: 5Y4/1 c.silt (ash, biotite) parallel laminated, sharp top & base

24-26cm: bioturbated c.silt

26.1-26.2, 26.7-26.8, 27-27.1, 27.2-27.3cm: brownish oxidized layers

27.7-27.9cm; 28.9-29.1, 30cm: c.silt layer

31-31.8cm: c.silt sharp base

31.9-32cm: brown oxidized layer

c.silt patches

37-37.3, 38.4-38.6, 38.9-39cm: brown oxidized layer

39.1-39.2cm: c.silt

39.8-40.7cm: c.silt sharp base

42.6-42.8, 43.0cm: c.silt

43.1-43.4cm: brown oxidized layer

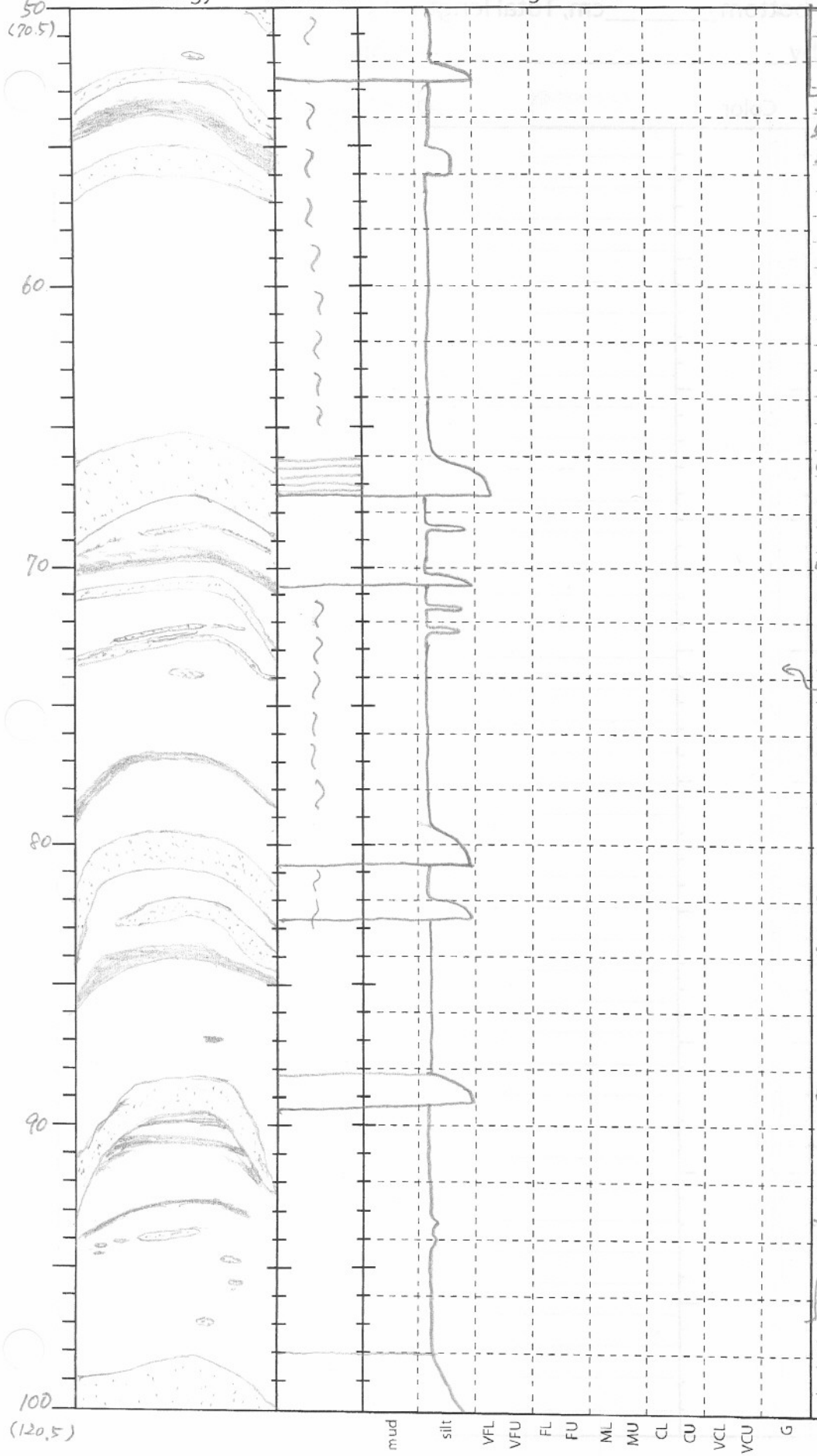
44-45cm: c.silt sharp top and base

45.2-45.4, 45.8-46cm: c.silt layer

48-48.2cm: bioturbated c.silt-sized ash patches

CORE LOG Core No. RR0705-78PC Section No. 2 sheet 2 of 3

Date 03/06/2007 Described by Ken Archive/Working



50-100cm: 5Y4/1 silt with c.silt-v.f.s layers and brown oxidized layers

52-52.5cm: c.silt sharp base

53-53.7cm: brownish oxidized layer

55-56cm: m.silt

65-67.2cm: upward fining v.f.s-c.silt sharp base lower part parallel laminated

62.6-62.7cm: c.silt, bioturbated

69.2-70cm: brown oxidized layer

70.3-70.6cm: c.silt sharp base fining upward

71.6-71.8cm: c.silt bioturbated

72.2-72.4cm: c.silt

c.silt patch

76.2-76.6cm: brown oxidized layer

79.2-80.2cm: c.silt sharp base fining upward

82-82.6cm: c.silt bioturbated sharp base

83.5-84.2cm: brown oxidized layer

c.silt patch

88.3-89.3cm: c.silt (ash rich) sharp base bioturbated

89.7, 90.3cm: brown oxidized layer

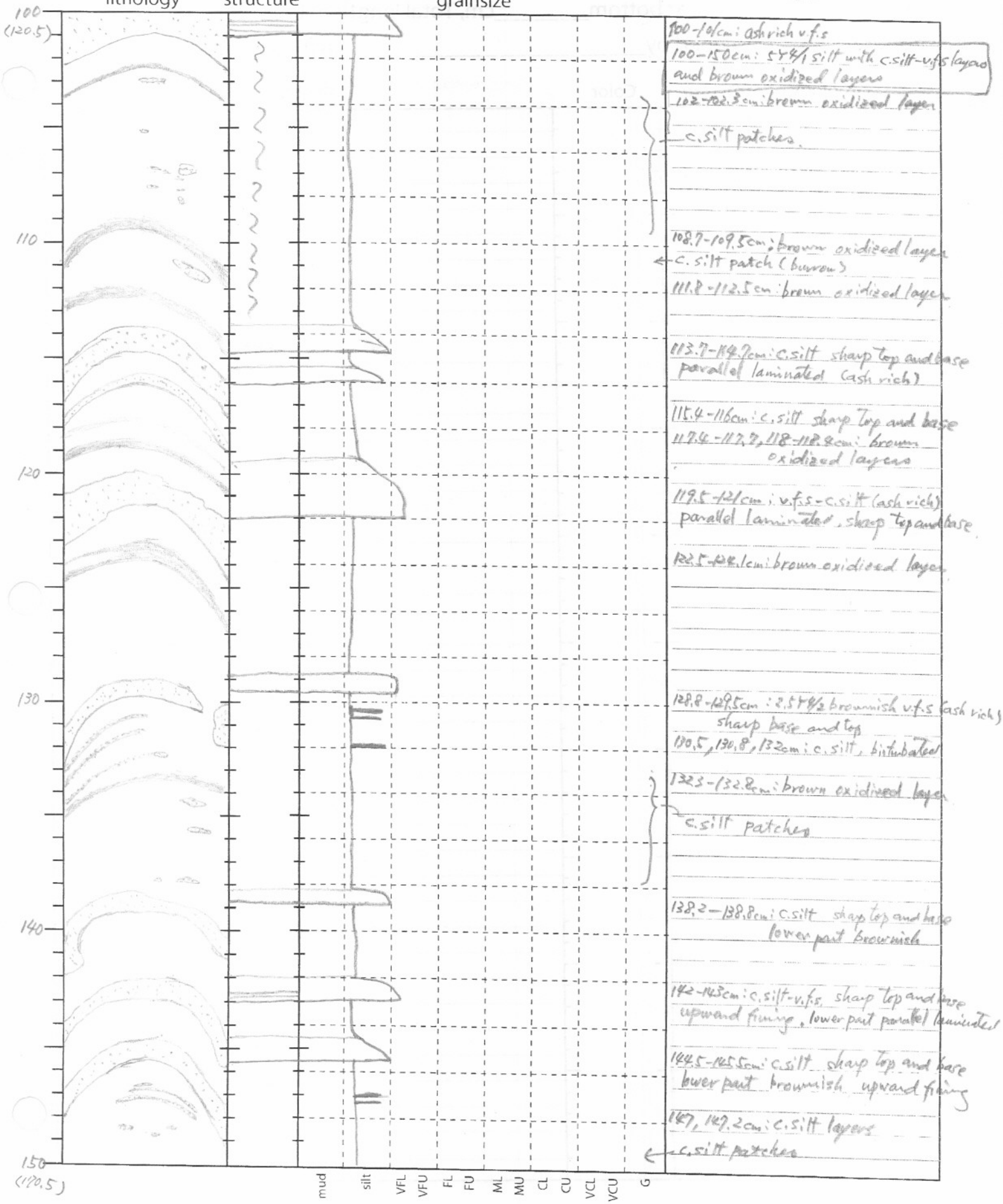
92.5cm: brown oxidized layer

c.silt patches

98-101cm: c.silt-v.f.s (ash rich) upward fining, lower part parallel laminated

CORE LOG Core No. RR0705-78PC Section No. 2 sheet 3 of 3

Date 03/06/2007 Described by Ken Archive/Working



100-101cm: ash rich v.f.s

100-150cm: 5Y4/1 silt with c.silt-v.f.s layers and brown oxidized layers

102-102.3cm: brown oxidized layer

c.silt patches

108.7-109.5cm: brown oxidized layer

← c.silt patch (burrow)

111.8-112.5cm: brown oxidized layer

113.7-114.7cm: c.silt sharp top and base parallel laminated (ash rich)

115.4-116cm: c.silt sharp top and base

117.4-117.7, 118-118.8cm: brown oxidized layers

119.5-121cm: v.f.s-c.silt (ash rich) parallel laminated, sharp top and base

122.5-122.1cm: brown oxidized layer

128.8-128.5cm: 2.5Y4/2 brownish v.f.s (ash rich) sharp base and top

130.5, 130.8, 132cm: c.silt, bioturbated

132.3-132.8cm: brown oxidized layer

c.silt patches

138.2-138.8cm: c.silt sharp top and base lower part brownish

142-143cm: c.silt-v.f.s. sharp top and base upward fining, lower part parallel laminated

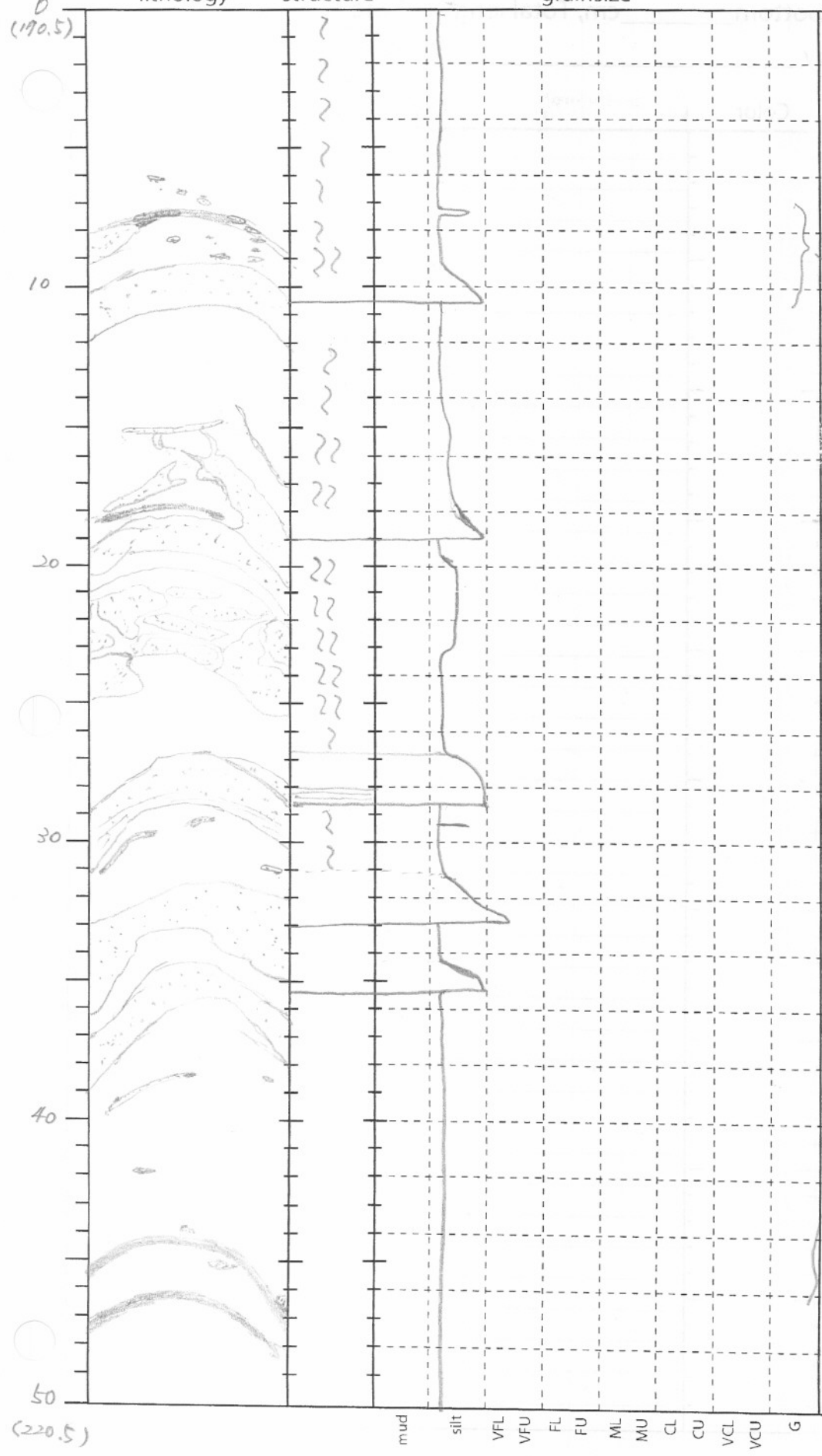
144.5-145.5cm: c.silt sharp top and base lower part brownish upward fining

147, 147.2cm: c.silt layers

← c.silt patches

CORE LOG Core No. RR0705 - 78PC Section No. 3 sheet 1 of 3

Date 03/06/2007 Described by Ken Archive/Working



0-50cm: 5Y 4/1 silt with c.silt and brown oxidized layers

6.8-9cm: c.silt, biotubated central part brownish c.silt patches

9.2-10.5cm: c.silt sharp base

14.9-18cm: highly biotubated c.silt

18-19cm: c.silt upward fining sharp base top biotubated

19.8-20cm: brown oxidized layer

20-23cm: highly biotubated c.silt

26.7-28.5cm: c.silt upward fining lower part parallel laminated sharp top & base

29.3-29.5cm: c.silt patches

31.5-33cm: v.f.s-c.silt upward fining sharp base lower part black

34.2-35.3cm: c.silt upward fining sharp base

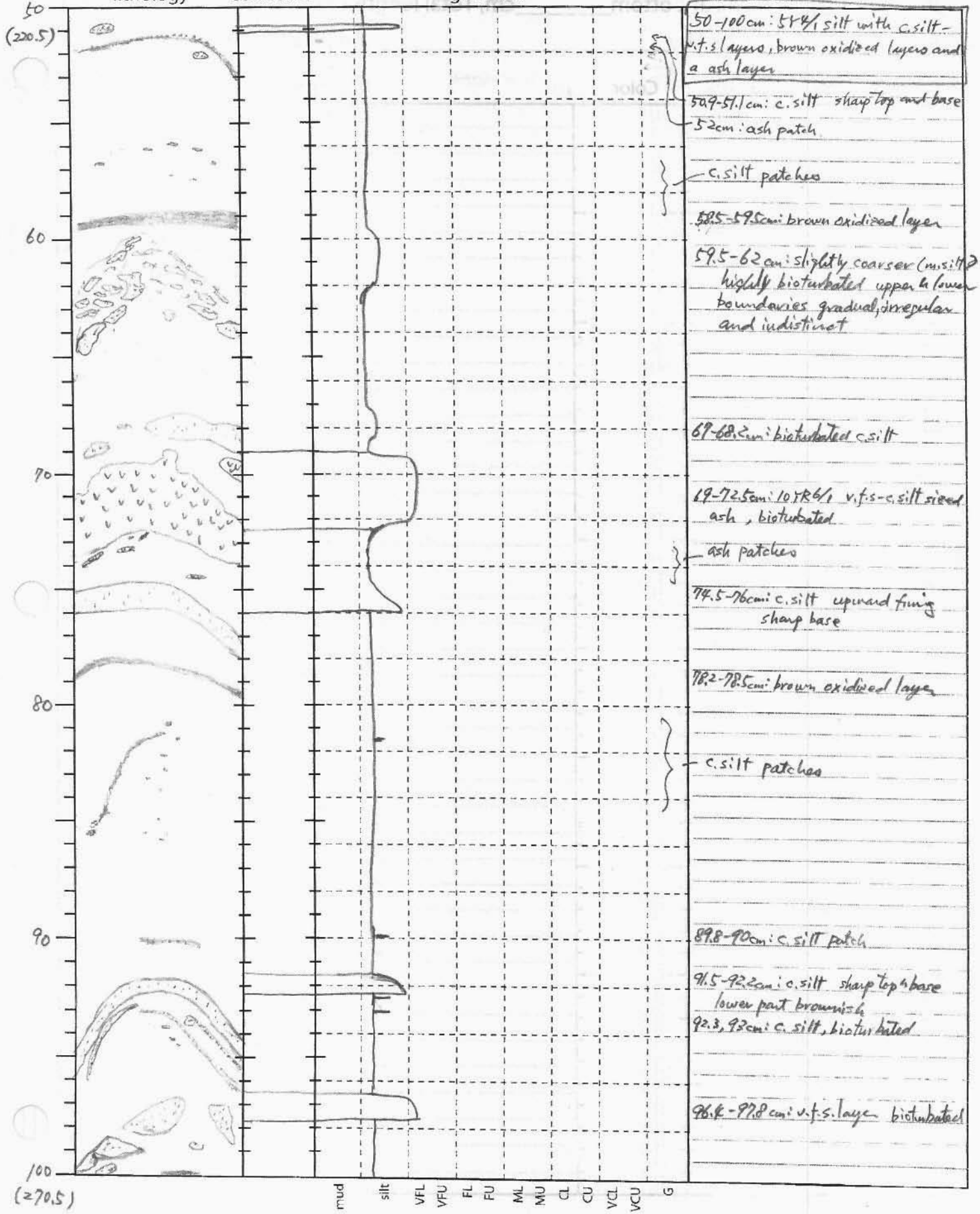
c.silt patches

44-44.5cm: brown oxidized layer

46-46.5cm: brown oxidized layer

CORE LOG Core No. RR0705-78PC Section No. 3 sheet 2 of 3

Date 03/06/2007 Described by Ken Archive/Working



50-100cm: 5Y4/1 silt with c.silt-v.f.s layers, brown oxidized layers and a ash layer

50.9-57.1cm: c.silt sharp top and base

52cm: ash patch

c.silt patches

58.5-59.5cm: brown oxidized layer

59.5-62cm: slightly coarser (m.silt) highly bioturbated upper & lower boundaries gradual, irregular and indistinct

69-68.2cm: bioturbated c.silt

69-72.5cm: 10YR6/1 v.f.s-c.silt sized ash, bioturbated

ash patches

74.5-76cm: c.silt upward fining sharp base

78.2-78.5cm: brown oxidized layer

c.silt patches

89.8-90cm: c.silt patch

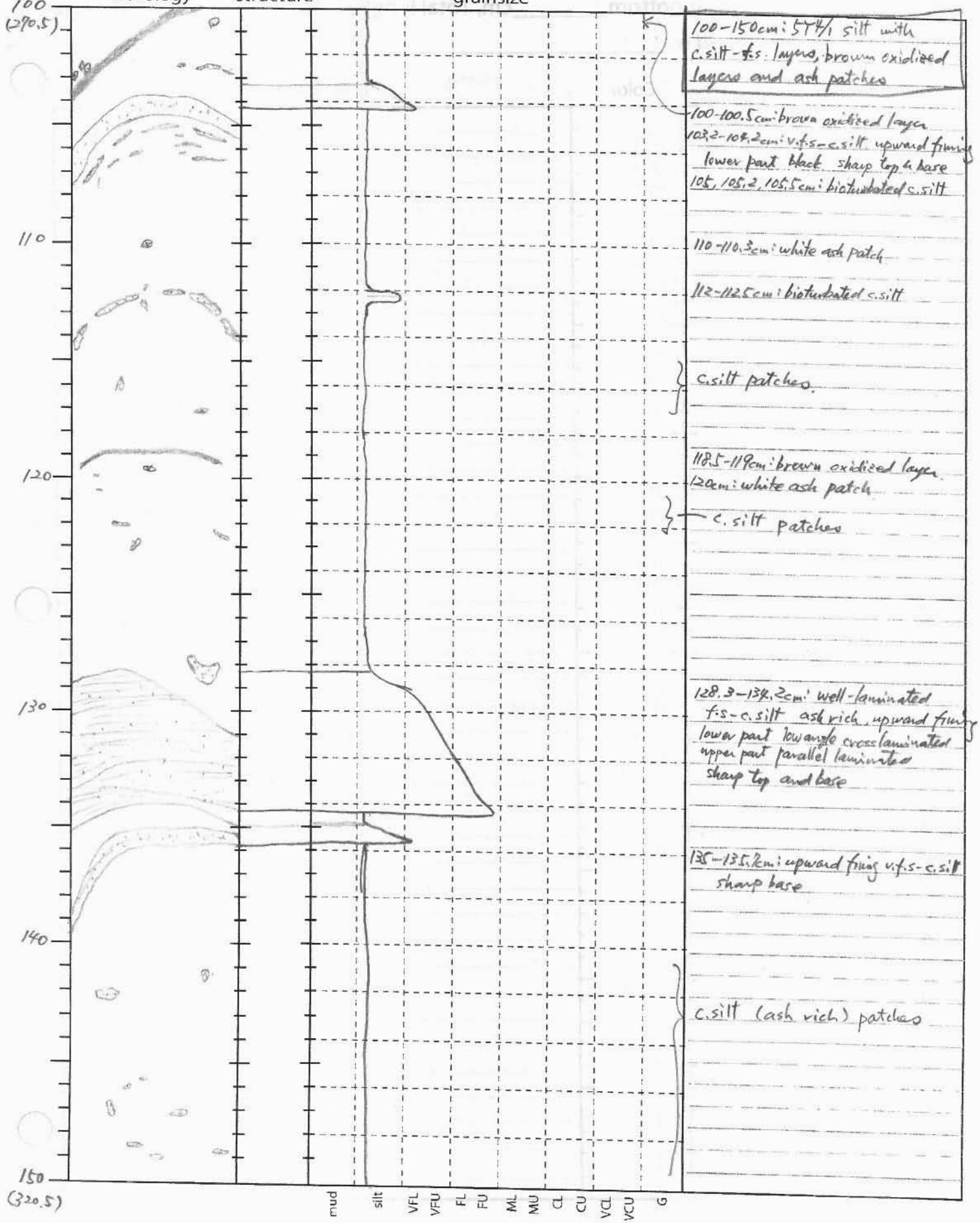
91.5-92.2cm: c.silt sharp top & base lower part brownish

92.3, 93cm: c. silt, bioturbated

96.6-97.8cm: v.f.s. layer bioturbated

CORE LOG Core No. RR0705-78PC Section No. 3 sheet 3 of 3

Date 03/06/2007 Described by Ken Archive/Working



100–150cm: 5Y4/1 silt with c.silt–f.s. layers, brown oxidized layers and ash patches

100–100.5cm: brown oxidized layer

103.2–104.2cm: v.f.s–c.silt upward fining lower part black sharp top & base

105, 105.2, 105.5cm: bioturbated c.silt

110–110.3cm: white ash patch

112–112.5cm: bioturbated c.silt

c.silt patches

118.5–119cm: brown oxidized layer

120cm: white ash patch

c. silt patches

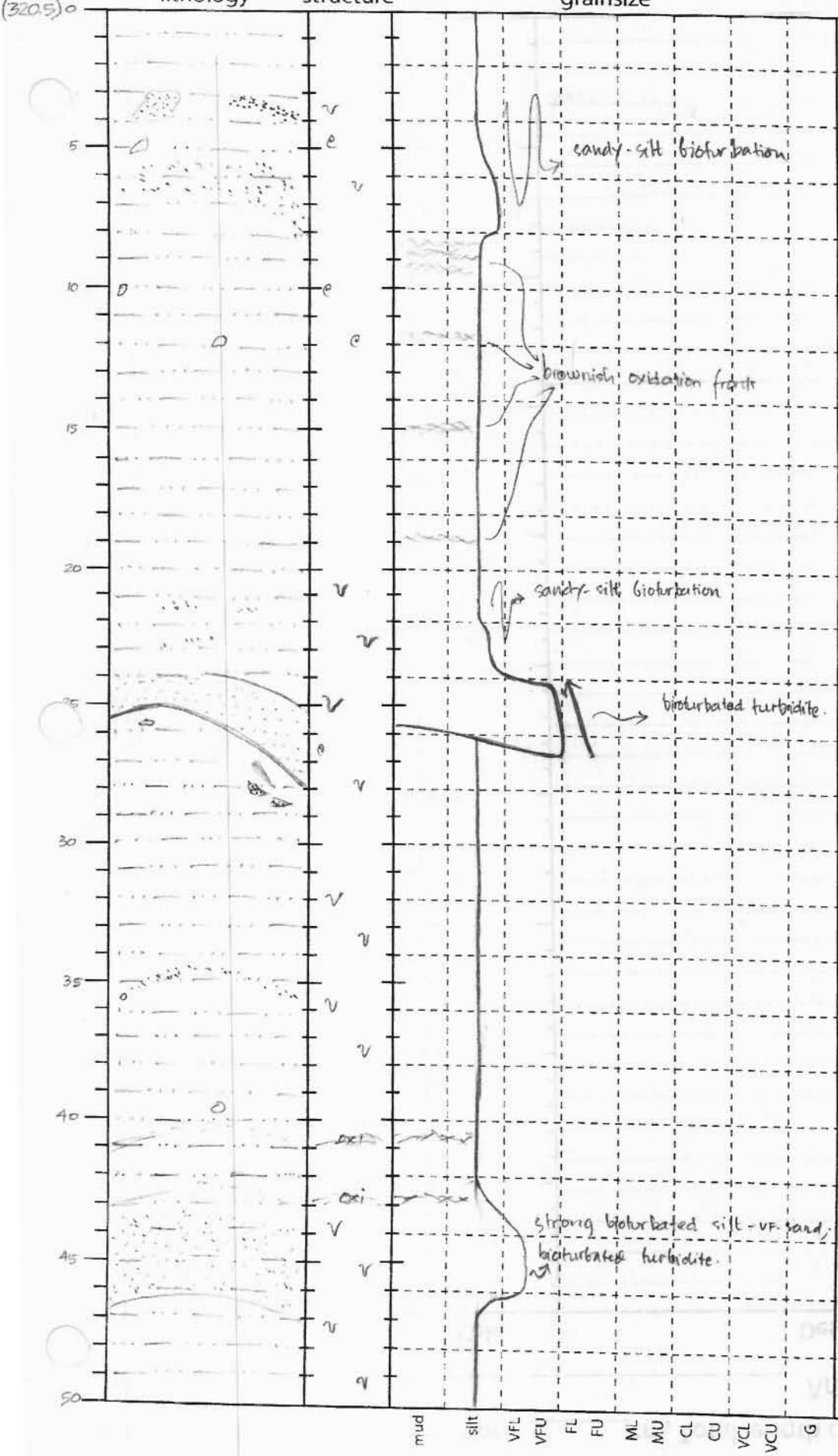
128.3–134.2cm: well-laminated f.s–c.silt ash rich, upward fining lower part low angle cross laminated upper part parallel laminated sharp top and base

135–135.2cm: upward fining v.f.s–c.silt sharp base

c.silt (ash rich) patches

CORE LOG Core No. RR0705-78 PC Section No. 4 of 4 (320.5-444) sheet 1 of 3

Date 4 JUNE 07 Described by SAPTA Archive/Working



0-23 cm: dark gray silt; sandy-silt bioturbated mostly at top and bottom of this sequen; forams, bioclast present; brownish oxidation front.

23-25 cm: dark gray upward-fining VF sand, rich in quarz and also alot of mica at base unit, bioturbated silt at top unit

25-35 cm: dark gray mud-silt; (hemipelagic?) massif at top unit, bioclas dan patchy sandy-silt bioturbated, darker smud burrow; Highly bioturbation at bottom part.

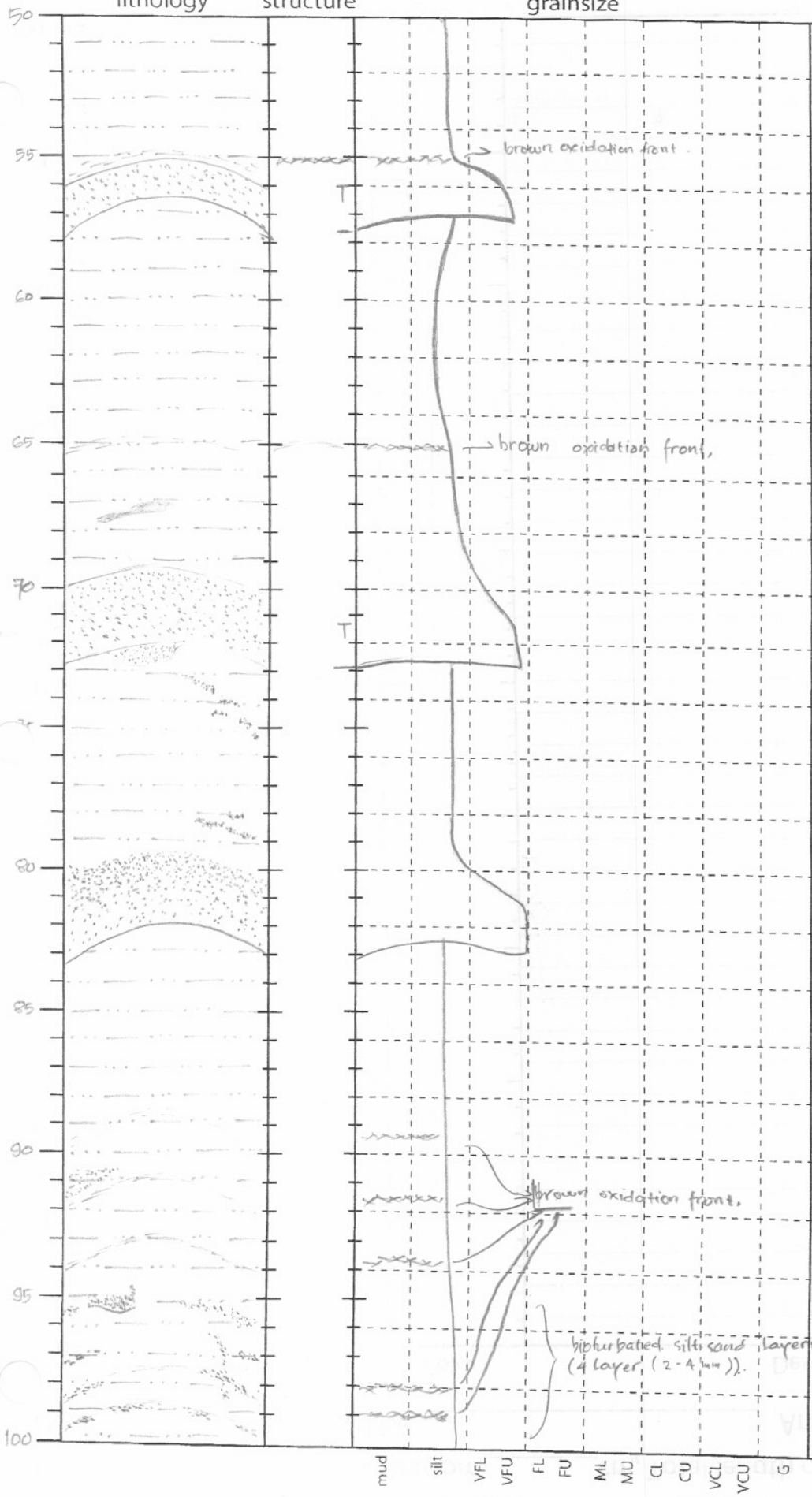
35-42 cm: dark gray muddy silt; highly bioturbated silty at top part, Gioclas, brown oxidation fronts

42-47 cm: dark gray, strong bioturbated silt-VF sand, mostly quarz & mica.

47-50 cm: dark gray bioturbated silt

CORE LOG Core No. RR0705 - 78 PC Section No. 4 of 4 sheet 2 of 3

Date 4 JUNE 07 Described by SAPTA Archive/Working



50-55 cm : dark gray bioturbated silt

55-57 cm : dark gray silty - VF sand, bioturbated turbidite, rich in quarz and mica,

57 - 69 cm : dark gray turbidite mud - silt; bioturbation at top part; oxidation front at middle part; silt patches, bioturbation and borrow at bottom part,

69 - 72 cm : dark gray bioturbated VF sand turbidite, rich in quarz and mica, shell/foram fragment at top part,

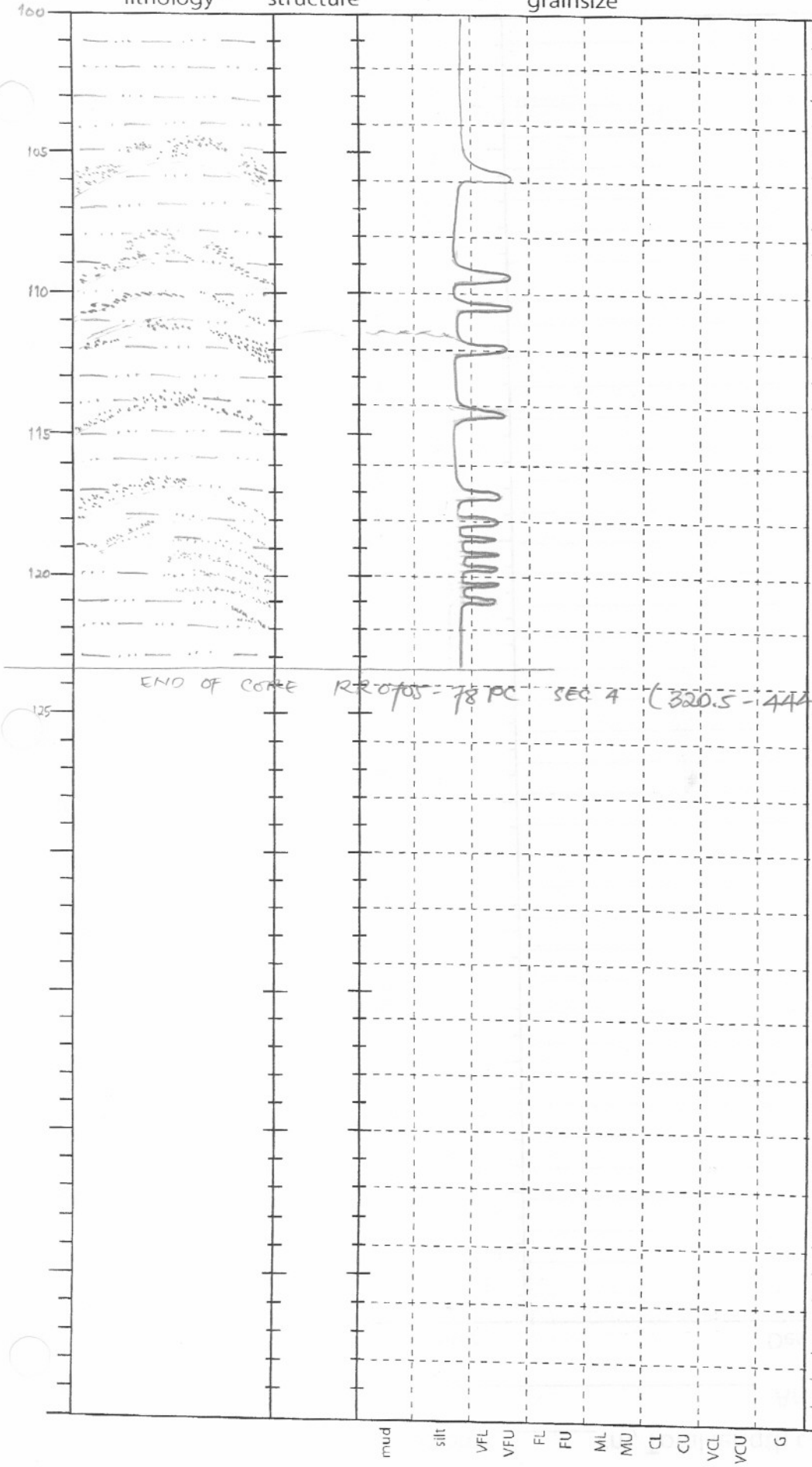
72 - 79 cm : dark gray bioturbated mud - silt turbidite; sandy patches at top and bottom part.

79 - 82 cm : dark gray upward - fining VF sand turbidite, rich in quarz, and mica; mostly mica at bottom part; sharp base grain size change

82 - 100 cm : dark gray bioturbated silt - sand; brownish oxidation front; silt - sand strong bioturbation layers at bottom part.

CORE LOG Core No. RR0705 - 78 PC Section No. 4 of 4 sheet 3 of 3

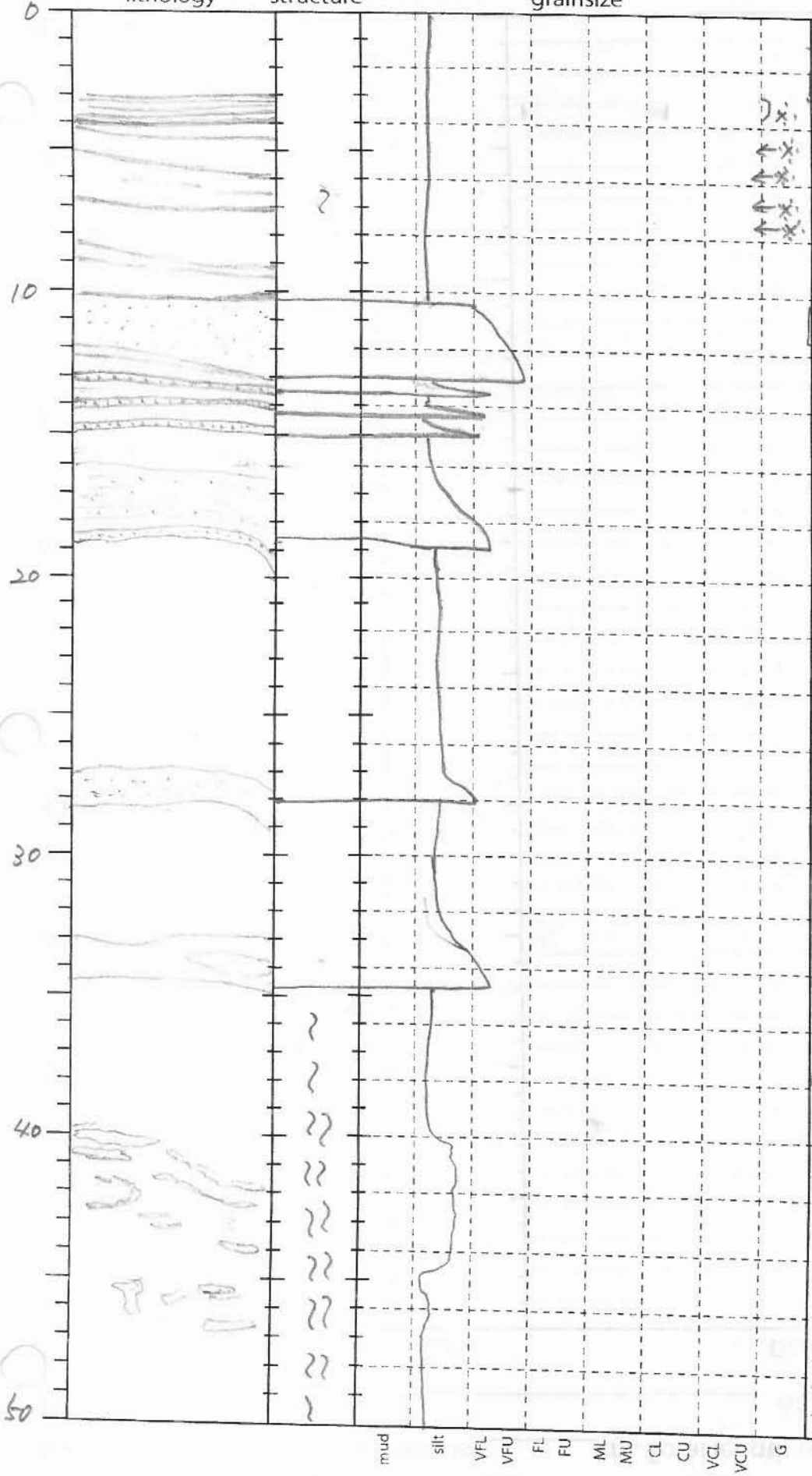
Date 4 JUNE 07 Described by SAPTA Archive/Working



100 - 123.5 cm: strong bioturbated turbidite unit, dark grey silt - sand; bioturbated sand rich in quartz and mica; (probably there are 12 or more than sand layers)

CORE LOG Core No. RR0705-79TC Section No. 1 sheet 1 of 2

Date 03/06/2007 Described by Kev Archive/Working



Top: 2.5YR/1 silt

0-7.2cm: 2.5YR4/2 silt with brown oxidized layers

oxidized layers: 3-4cm, 4.2-4.5cm, 5.5-5.7cm, 6.2-6.3cm, 7-7.2cm

7.2-10.2cm: 2.5Y5/1 silt with brown oxidized layers

oxidized lay: 8.6-8.7, 9.2-9.3cm, 10-10.2cm

10.2-12cm: 2.5Y3/1 v.f.s. (ash?)

12-13.7cm: 5Y4/1 silt with v.f.s. layers

13-13.5cm: v.f.s
14-14.3cm: v.f.s
18.7-19cm: v.f.s
} sharp base

16.2-18.5cm: v.f.s parallel laminated? sharp base

sandy

27-28cm: v.f.s upward fining sharp base

33-39.7cm: v.f.s sharp base

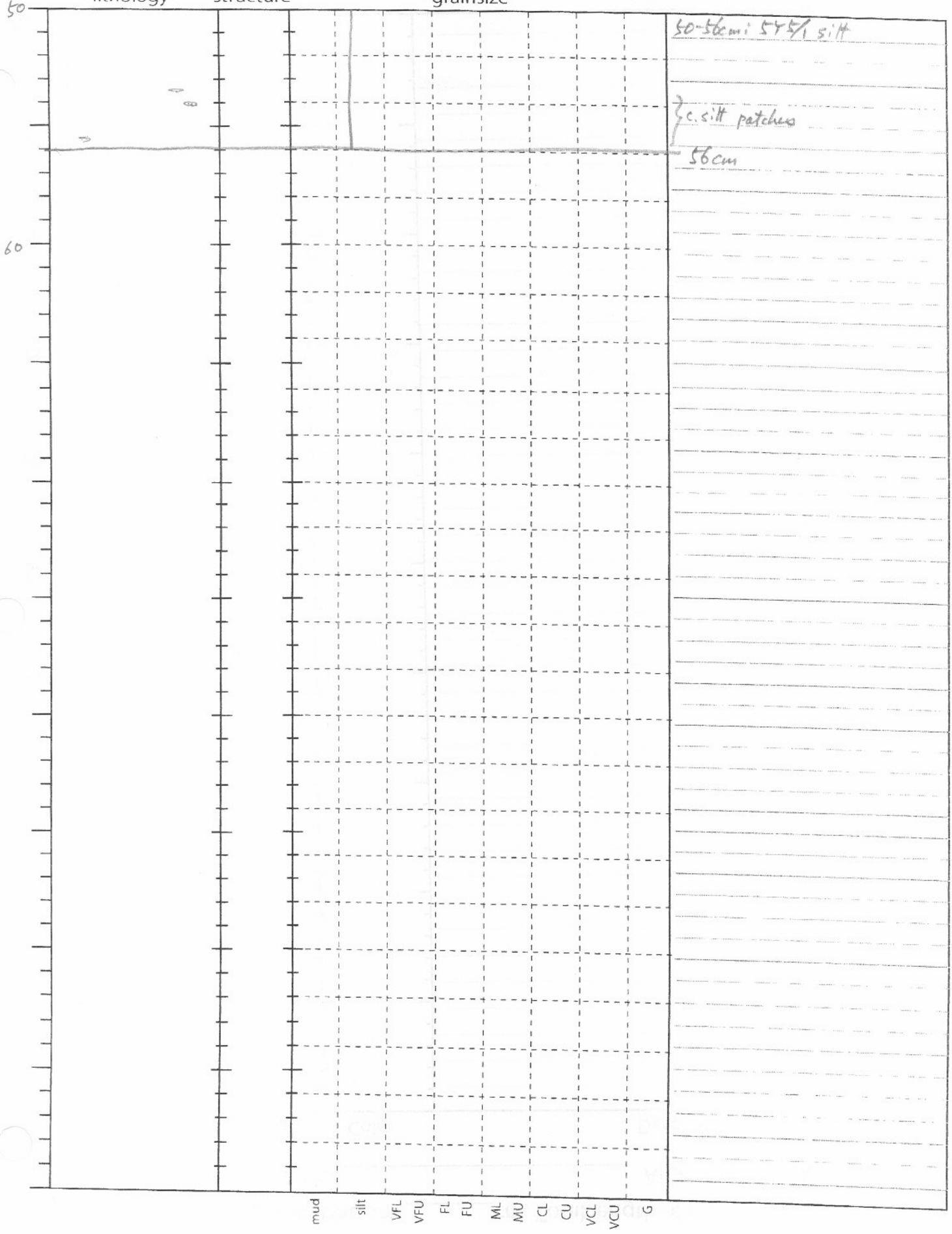
39.7-50cm: 5Y4/1 silt with a bioturbated ash layer

39.5-44.5cm: 7.5YR4/1 c.silt-sized ash bioturbated

45-48cm: burrows filled by ash

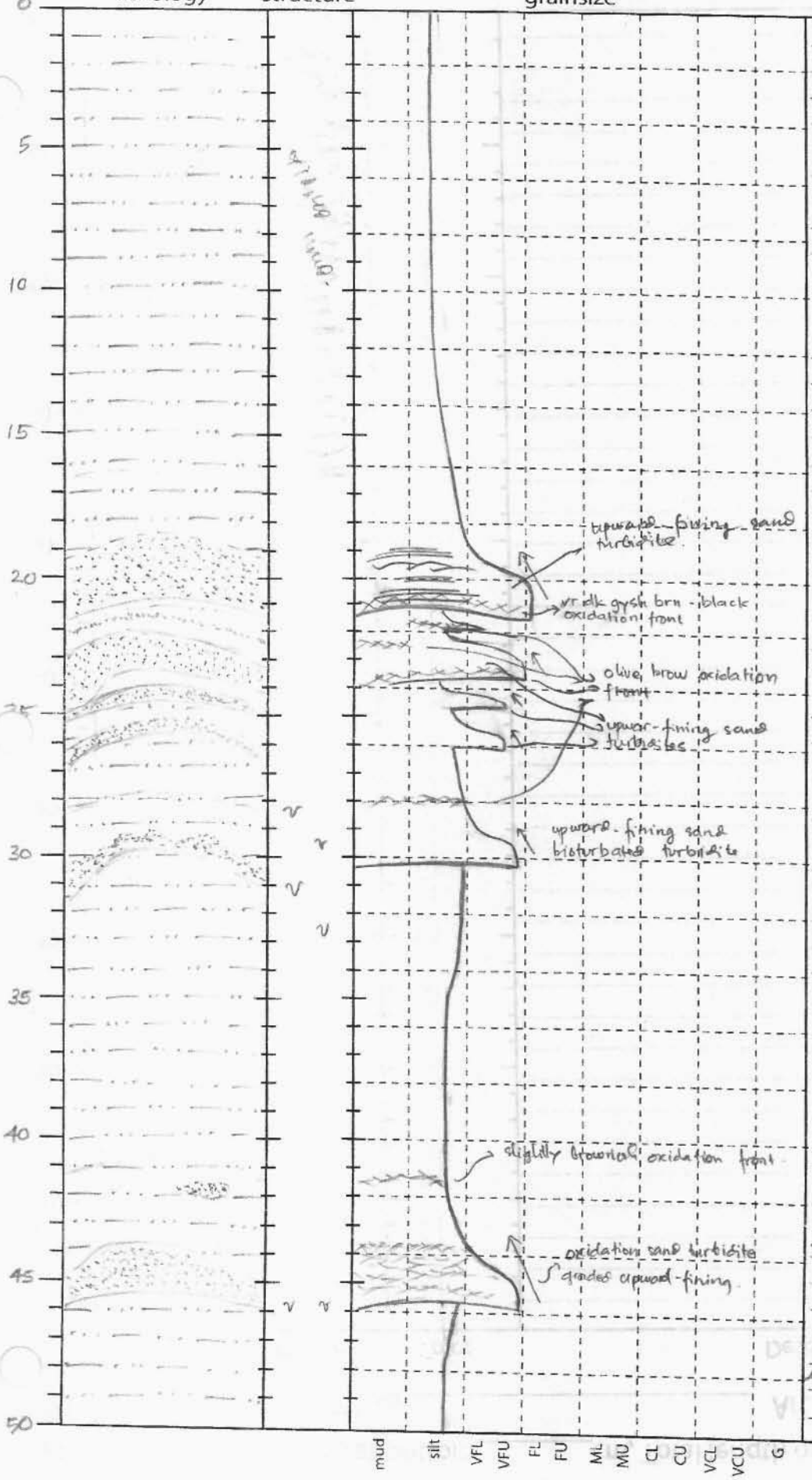
CORE LOG Core No. RR0705-79TC Section No. 1 sheet 2 of 2

Date 03/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-79 PC Section No. 1 of 3 sheet 1 of 9

Date 04 JUNE 07 Described by SAPTA Archive/Working



0-18 cm: dark grayish brown muddy silt; almost all of this part oxidated (very dark grayish brown oxidation) mud bioturbated / borrows,

18-21 cm: upward-fining sand turbidite; rich in quarz and mica, high oxidation at bottom part,

21-30 cm: upward-fining sand turbidites units; rich in quarz and mica; bioturbated silt-sand at bottom part unit,

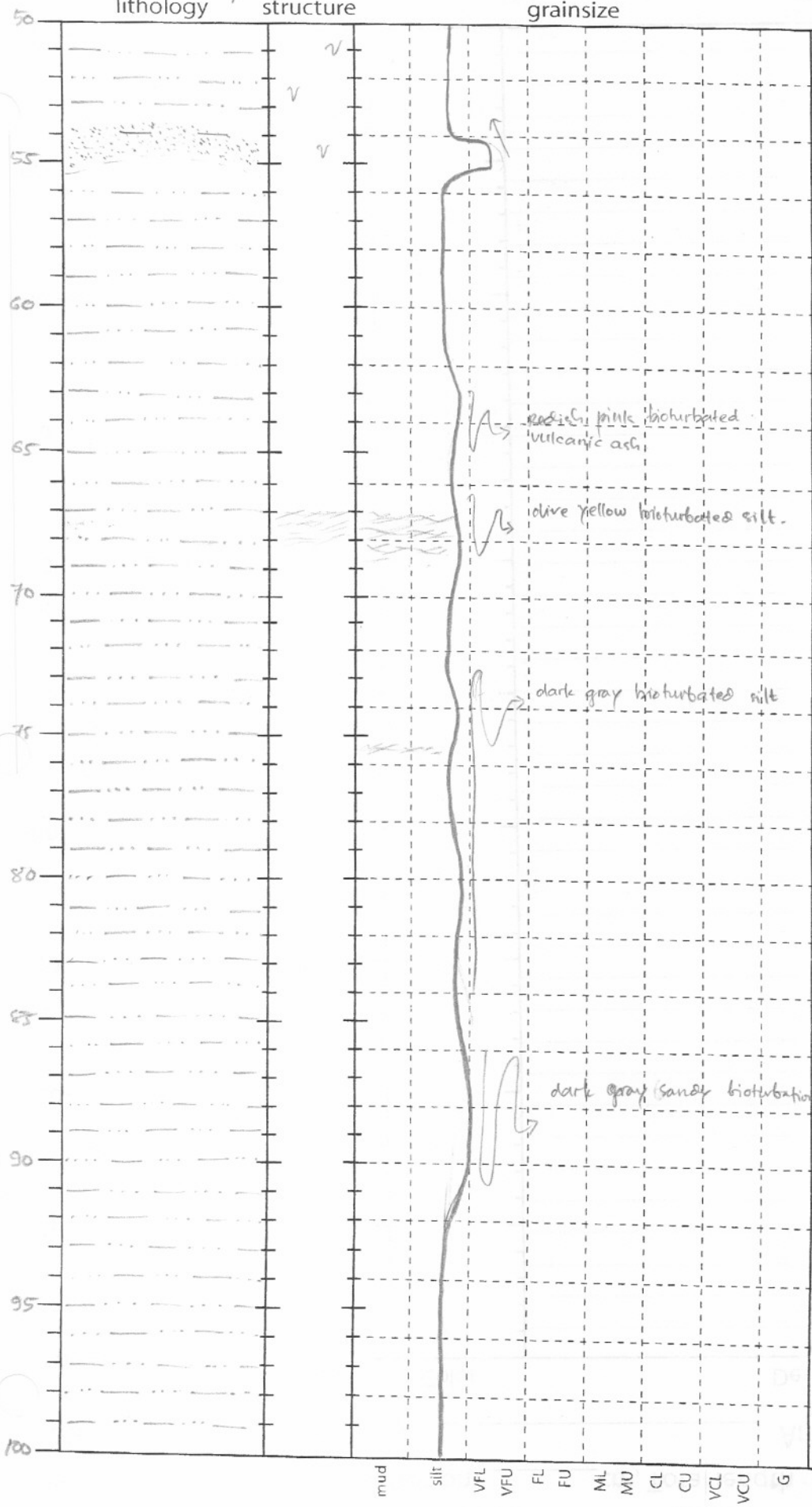
30-43 cm: dark gray turbidite silt unit; bioturbated at top part; foram / bioclas trace; massif at middle part; bioturbated and sand patches at bottom part.

43-45 cm: dark grayish brow oxidation sand turbidite unit; graded upward-fining, rich in quarz, mica present; silt-sand bioturbated at bottom part,

45-50 cm: dark gray bioturbated silt turbidite

CORE LOG Core No. RR0705 - 79 PC Section No. 1 of 3 sheet 2 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working



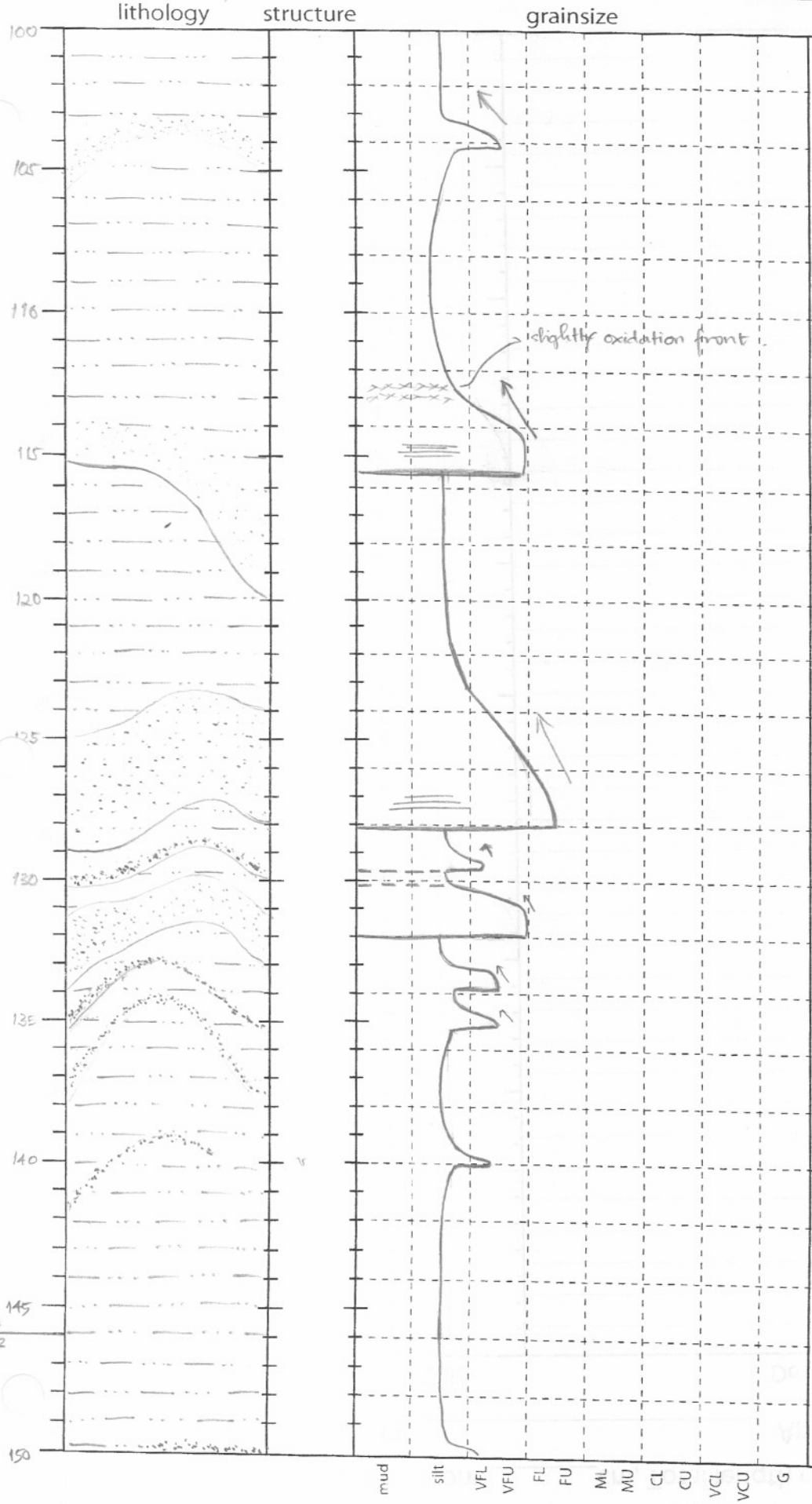
50 - 55 cm: dark gray upward-fining VF sand-silt bioturbated turbidite;

55 - 90 cm: bioturbated muddy silt turbidite unit;
foram / bioclast present at top part;
there are reddish pink bioturbated volcanic ash at middle part;
sandy bioturbated at bottom part;

90 - 100 cm: dark gray bioturbated silt turbidite unit.

CORE LOG Core No. RR0705-79 PC Section No. 1 and 2 of 3 sheet 3 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working



100 - 104 cm: dark gray upward-fining vf sand bioturbated turbidite unit

104 - 114 cm: dark gray mud. silt; bioturbated silt at top part, slightly dark brownish gray oxidation front at bottom part,

114 - 115.5 cm: upward-fining turbidite sand, rich in quartz and mica; sharp base grain size boundary at bottom.

115.5 - 128 cm: fining upward turbidite unit; masif mudy silt at top part, graded fining upward sand at bottom part sharp base grainsize boundary at bottom unit.

128 - 129.5 cm: fining upward turbidite unit

129.5 - 132 cm: a turbidite unit; sharp boundary bitwin mudy and sand subunit, Rich in quarz and mica at sand part; sharp base grain size boundary at bottom unit.

132 - 134 & 134 - 135.5 cm there are fining-upward turbidite unit.

135.5 cm - 140 cm; a turbidite unit. mudy silt turbidite at top unit, and bioturbated sandy at base.

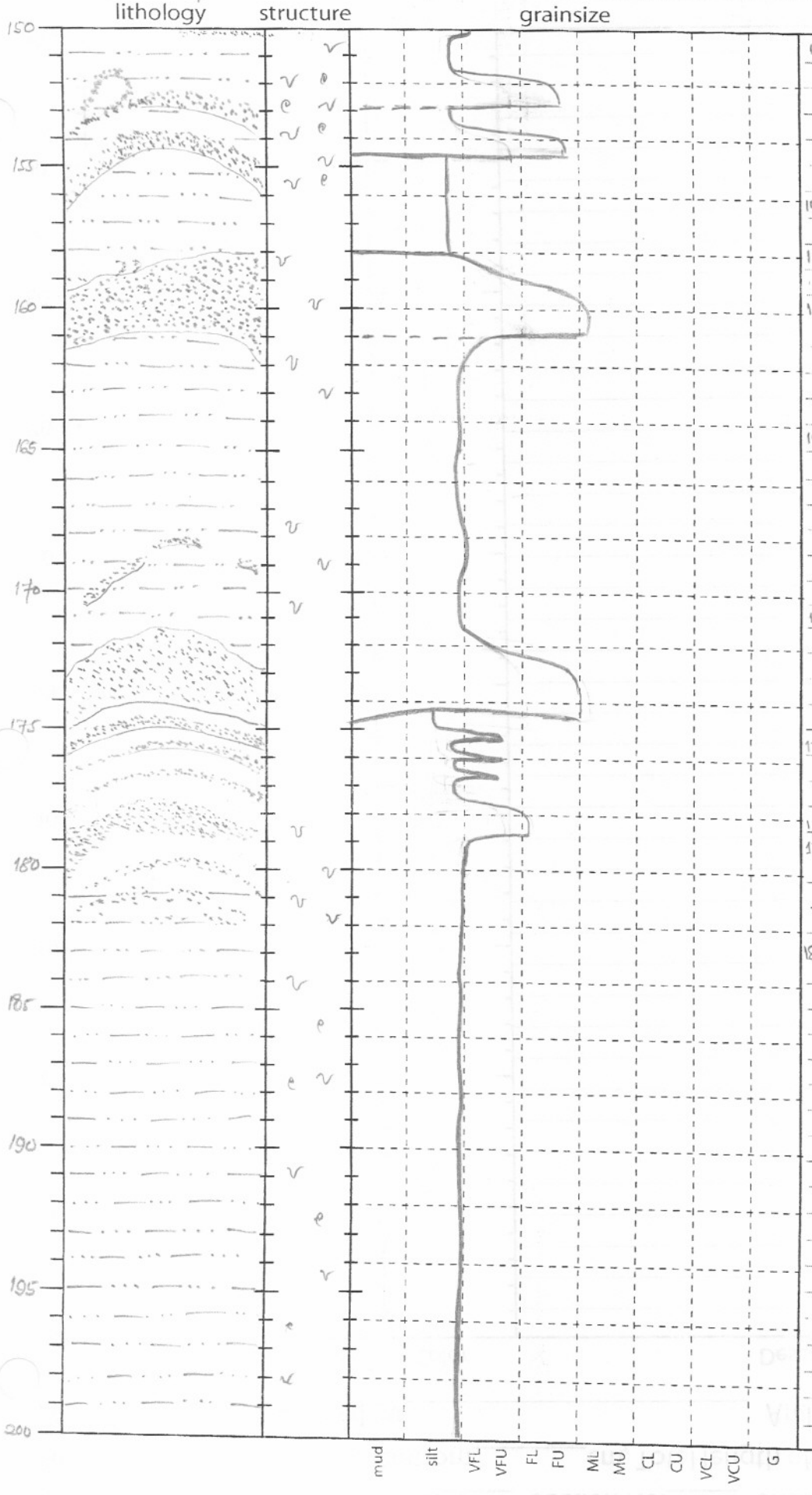
140 - 146 cm: dark gray mudy-silt

146 - 150 cm: dark gray mudy-silt;

150 cm: bioturbated sandy-silt

CORE LOG Core No. RR0705 - 79 PC Section No. 2 of 3 sheet 4 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working



150 - 153 cm ; bioturbated turbidite unit; muddy with sandy and foram bioturbation at top part ;

rich in quartz, foram and mica at sand turbidite sub unit at bottom part.

153 - 154.5 cm : bioturbated turbidite unit, muddy silt at top and sand at bottom part.

154.5 - 158 cm : dark gray silty turbidite;

158 - 161 cm : bioturbated sand turbidite; rich in quartz and mica, moderate - sharp base and top grainsize boundary.

158 - 171.5 cm : dark gray silty turbidite; silt layers at top part (1 cm contain 6 - 8 layers)

sandy bioturbation at bottom part;

171.5 - 174.5 cm : graded upward - fining sand turbidite; rich in quartz and mica; sharp boundaries of grain size at top and bottom unit;

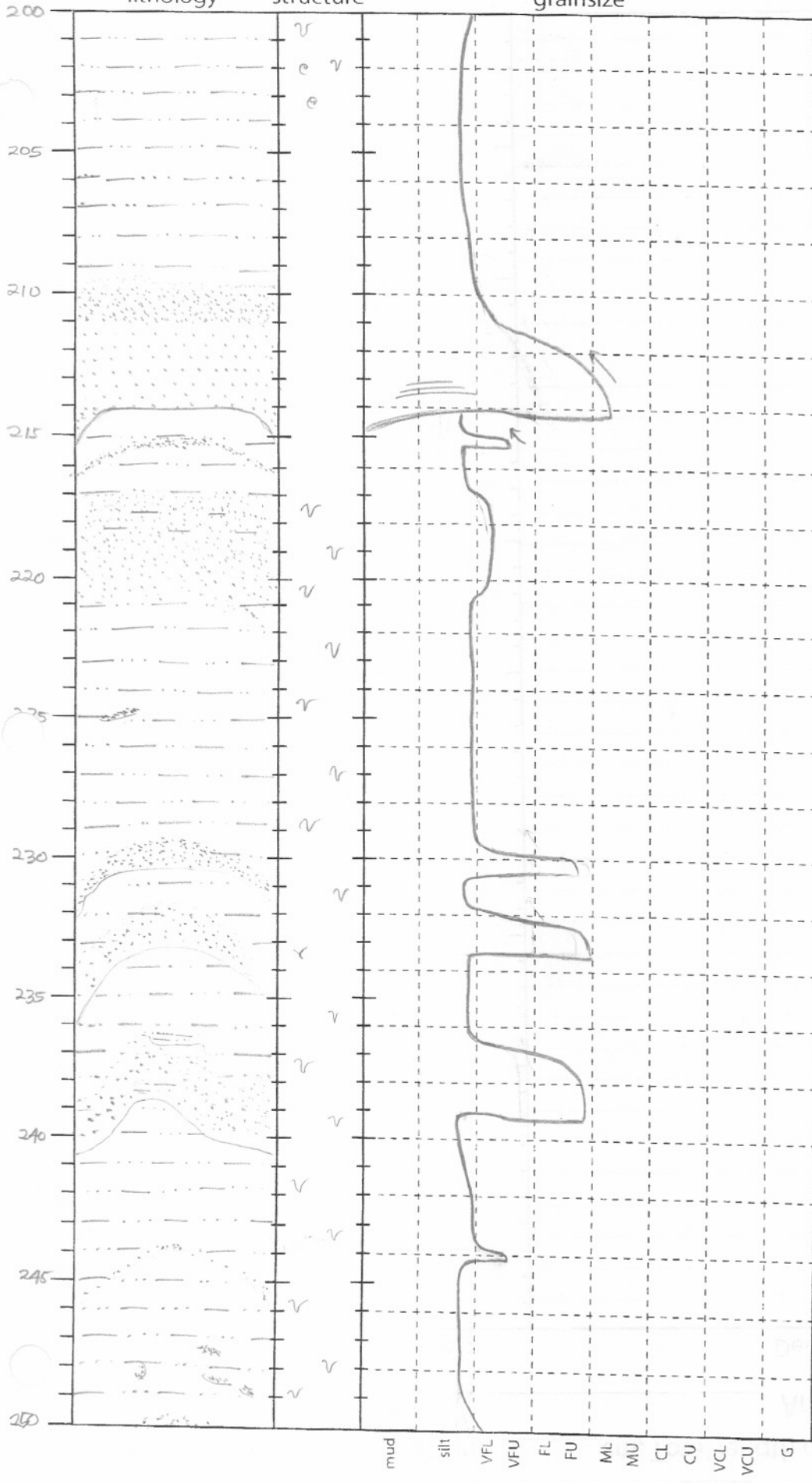
174.5 - 178 cm ; dark gray upward - fining turbidites units, bioturbated silt - sand ; more sand at top unit and silty at the other two.

178 - 182 cm : strong bioturbated sand - silt turbidite; more sand at top part and silty at bottom part,

182 - 200 cm : dark gray bioturbated muddy silt ; foram / bioclas fragment speck,.

CORE LOG Core No. RR0705-79 PC Section No. 2 of 3 sheet 5 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working



200 - 214 cm ; a turbidite unit, graded fining - upward sand to mudy ; bioturbated silt and foram / bioclast fragment speck at top part, Rich in quarz, foram and mica at bottom part ; grain size sharp base boundary at bottom part.

215 cm ; dark gray upward - fining VF sand turbidite.

215 - 229.5 cm ; bioturbated silt foram / bioclast fragment trace, mica

229.5 - 230.5 cm : dark gray upward fining bioturbated sand turbidite, rich in quarz and mica

230.5 - 233.5 cm ; - as above -

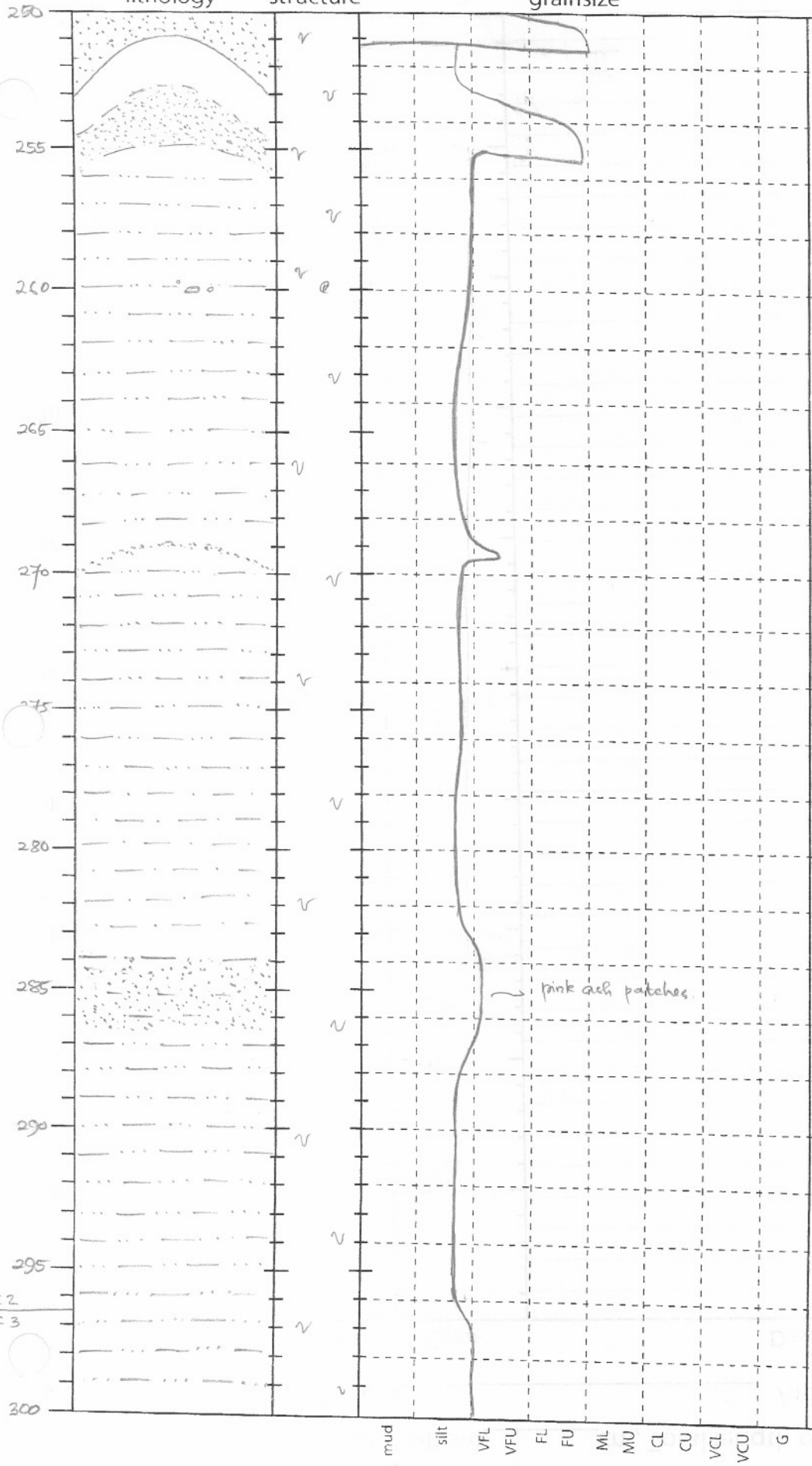
233.5 cm - 239 cm ; - as above -

239 - 244 cm ; dark gray upward - fining bioturbated sd. sand turbidite ; mica, foram / bioclast fragmen trace.

244 - 251 cm ; dark gray upward - fining bioturbated sandy turbidite unit ; sandy silt bioturbation at top part, Rich in quarz and mica at bottom part,

CORE LOG Core No. RR0705 - 79 PC Section No. 2 of 3 sheet 6 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working



sharp base grain size bondary at bottom.

251-255 dark gray upward fining bioturbated sand turbidite unit, rich in quarz and mica at sand subunit (bottom part)

255-260 cm dark gray bioturbated silt, foram / bioclas fragments

260-269 cm; dark gray bioturbated muddy-silt;

269-270 cm, bioturbated silt-vf sand.

270-278 cm; dark gray bioturbated muddy-silt

280-283 cm; dark gray bioturbated mud-silt,

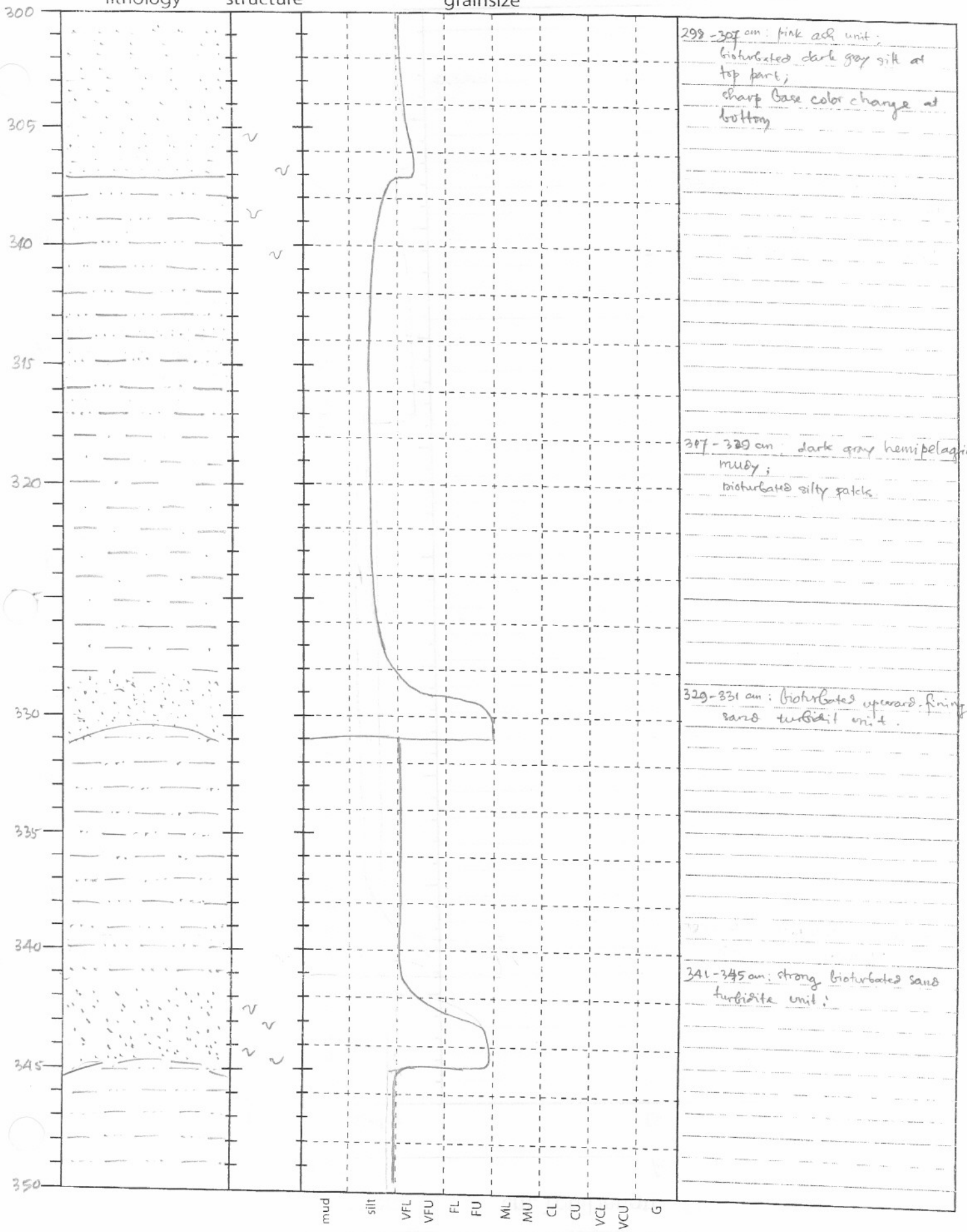
283-287 cm; bioturbated silty sand, pink ash patches;

287-296.5 cm; dark gray mud-silt, w/ slightly pink ash patches

296.5-298 cm; bioturbated gray silt w/ pink ash,

CORE LOG Core No. RR0705 - 79 PC Section No. 4 of 4 sheet 7 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working



298 - 307 cm : pink ash unit ;
bioturbated dark gray silt at top part ;
sharp base color change at bottom

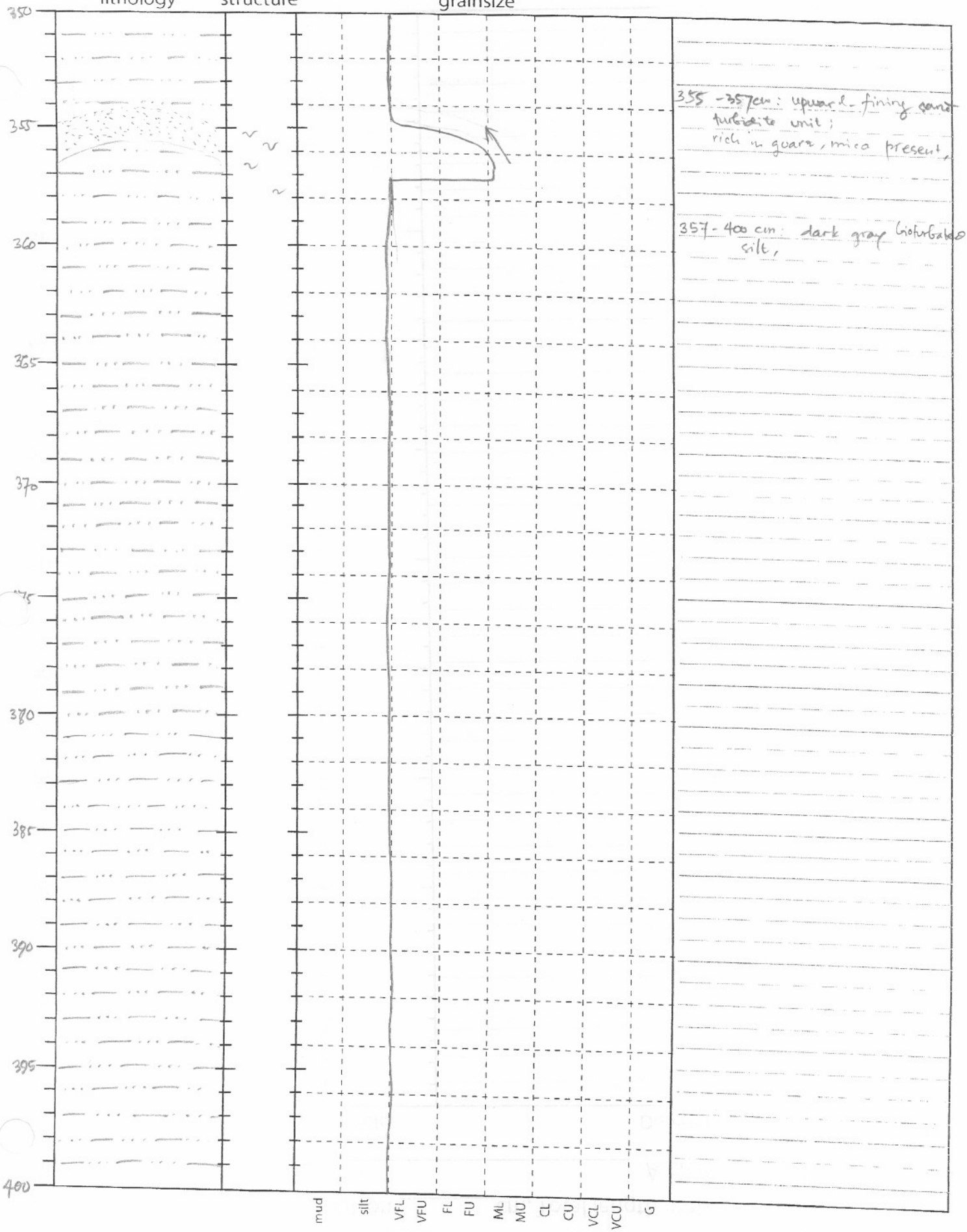
307 - 329 cm : dark gray hemipelagic muddy ;
bioturbated silty patch

329 - 331 cm : bioturbated upward fining sand turbidite unit .

341 - 345 cm : strong bioturbated sand turbidite unit ;

CORE LOG Core No. RR0705-70PC Section No. 3 of 3 sheet 8 of 9

Date 4 JUNE 07 Described by SAPTA Archive/~~Working~~



CORE LOG Core No. RR0705 - 79 PC Section No. 3 of 3 sheet 9 of 9

Date 4 JUNE 07 Described by SAPTA Archive/Working

lithology | structure | grainsize

400

405

410

415

420

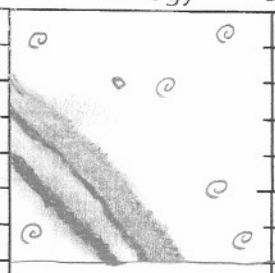
END OF CORE RR0705 - 79 PC (0 - 419.5) cm

400 - 419.5 cm : dark gray bioturbated silt

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705-80MC Section No. ~~TUBE 5~~ sheet 1 of 1

Date 09/06/07 Described by ZORAIDA Archive/Working



lithology: 5Y4/2 OLIVE GRAY; FOAM

structure

grainsize: mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

SS: 1# (2CM)
2# (3'5 CM) → OX LAYER
3# (5CM)

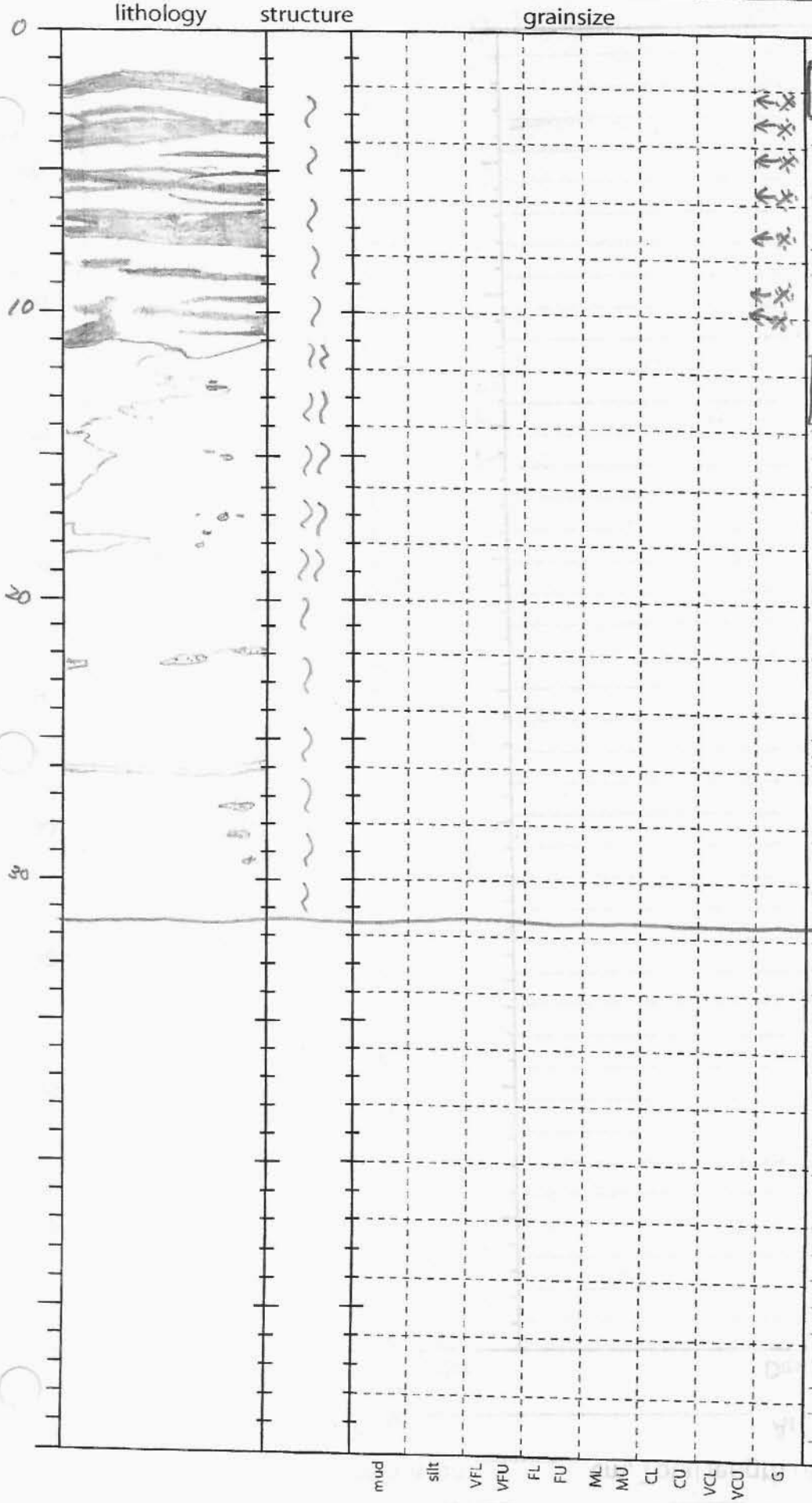
0-7CM: V.F SAND/SILT OLIVE GRAY WITH FORAMS/ DARK BROWN OXIDATION LAYERS (BLENDED 2 - AT THE END) / WHITISH SOFT SHAPE (2)

FOAM

END OF THE CORE-9 CM

CORE LOG Core No. RR0705-81GC Section No. 1 sheet 1 of 1

Date 04/06/2007 Described by Ken Archive/Working



Top: 2.5Y4/2 silt

0-11cm: 2.5Y4/2-5Y5/1 silt with brown oxidized layers

X: oxidized layer: 1.8-2.2, 2.8-3.2, 4.6-4.7, 5.1-5.4, 6.3-7.5, 8.3-8.5, 9.3-9.5, 9.8-10, 10.3-10.5cm

color boundary irregular but sharp

11-31.5cm: GLEY1 5/10Y silt foram bearing with greenish layers

22-22.2cm: greenish (GLEY1 8/10Y) silt patches

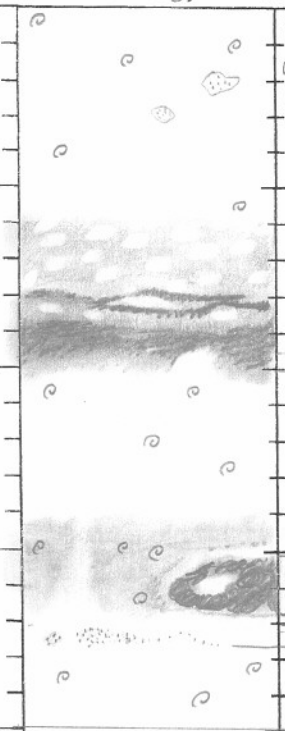
25.9-26.1cm: greenish (GLEY1 5/10Y) silt layer, bioturbated slightly coarser

31.5cm

CORE LOG Core No. RR0705-82MC Section No. TUBE 6 (0-20 CM) sheet 1 of 1

Date 08/06/07 Described by ZORAIDA Archive/Working

lithology | structure | grainsize



2.5Y 5/4 LIGHT OLIVE BROWN

SS

SS

SS

5Y 4/4 OLIVE

2.5Y 4/2

SS

5Y 5/2 OLIVE GRAY

0 - 10 CM: LIGHT OLIVE BROWN SILT WITH A LOT OF FORAMS / V.F. SAND BALLS (2-3) / DARK BROWNISH OXIDATION LAYER (2.5Y 4/2 GRAYISH BROWN) WHERE IS MORE VISIBLE THE BIOTURBATION. (6-10 CM), LIGHTER UPWARD.

10 - 17 CM: OLIVE SILT VERY BIOTURBATED AND WITH A LOT OF FORAMS. BROWNISH OXIDATION LAYER (15-17 2.5Y 4/2 / 14-17: LIGHTER) INTO THE DARKER PART THERE IS A OLIVE GRAY SILT BALL (BURROW?)

17 - 20 CM: OLIVE GRAY SILT WITH A LOT OF FORAMS THERE ARE A YELLOWISH BROWN OXIDIZED? LAYER IN COINCIDENCE WITH A V.F SANDS LAYER? THAT HAS A LOT OF FORAMS.

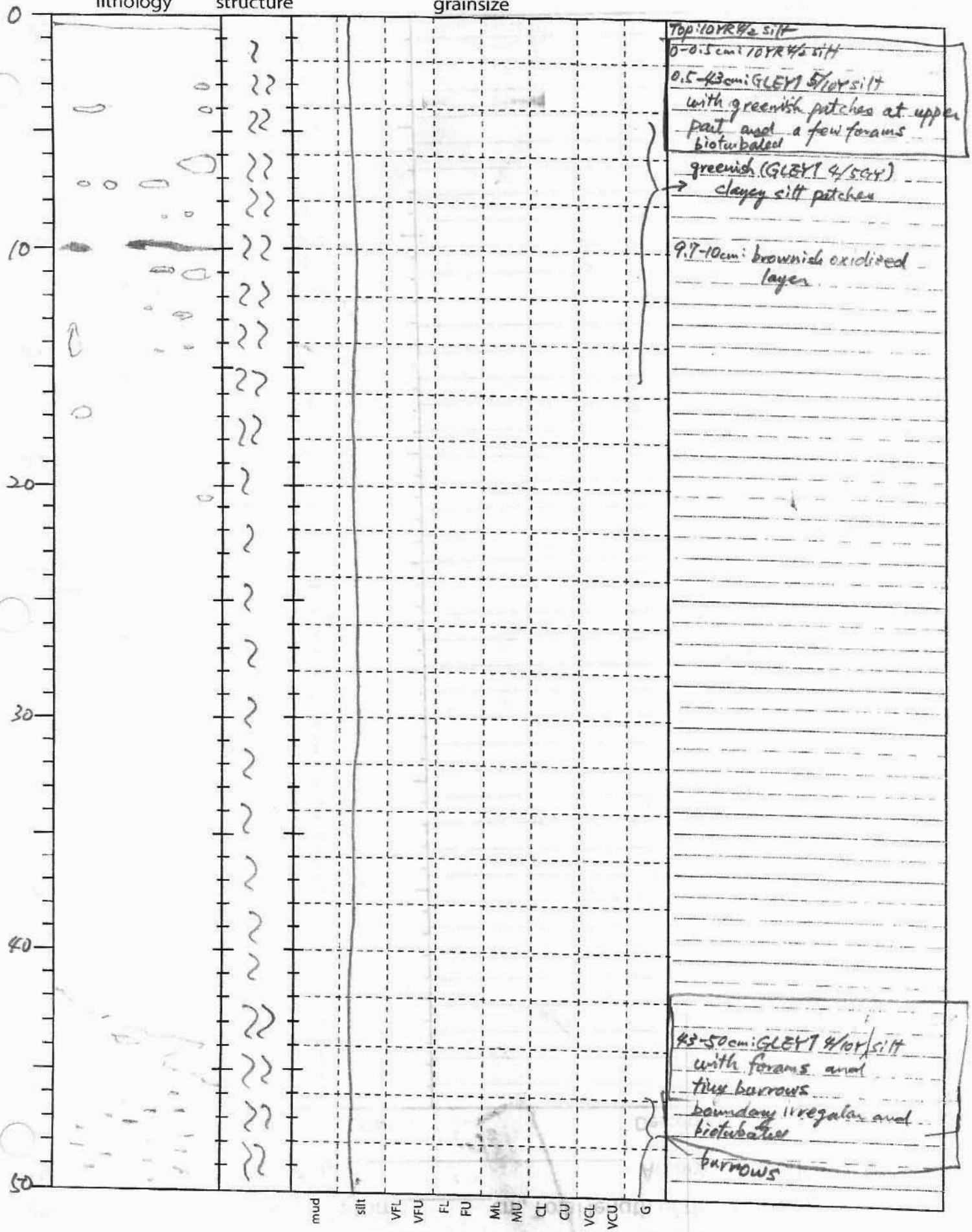
END OF THE CORE (20 CM)

SS: 1#) 2 CM
2#) 3.5 CM
3#) 5 CM
4#) 7 CM
5#) 9 CM (GRAYISH BROWN OX. LAYER)
6#) 11 CM
7#) 13 CM
8#) 16 CM (YELLOWISH BROWN OX. LAYER)
9#) 17 CM.

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705-83PC Section No. 1 sheet 1 of 2

Date 04/06/2007 Described by Ken Archive/Working



Top: 10YR 4/2 silt

0-0.5cm: 10YR 4/2 silt

0.5-4.3cm: GLEY1 5/10Y silt with greenish patches at upper part and a few forams bioturbated

greenish (GLEY1 4/5GY) clayey silt patches

9.7-10cm: brownish oxidized layer

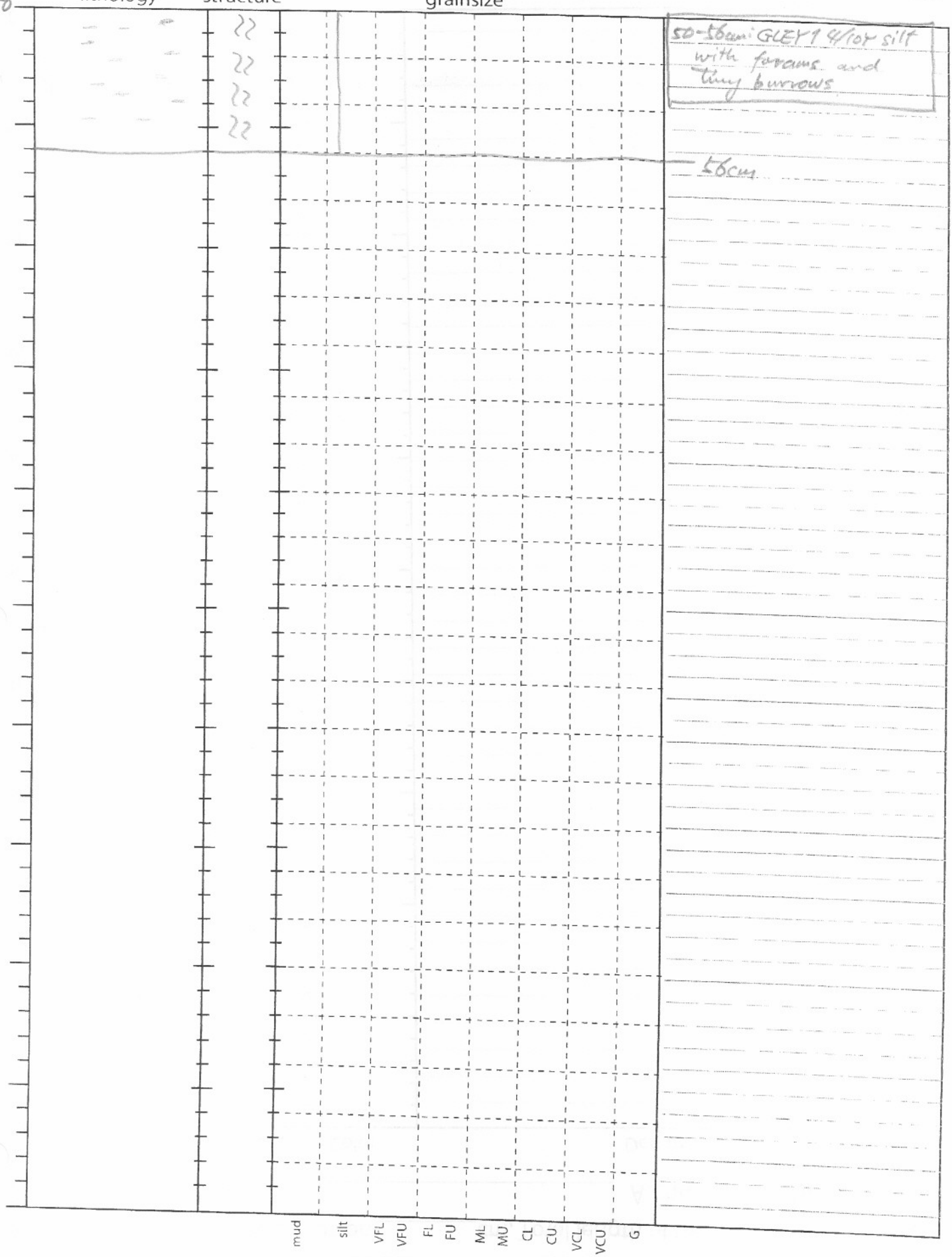
4.3-5.0cm: GLEY1 4/10Y silt with forams and tiny burrows

boundary irregular and bioturbated

burrows

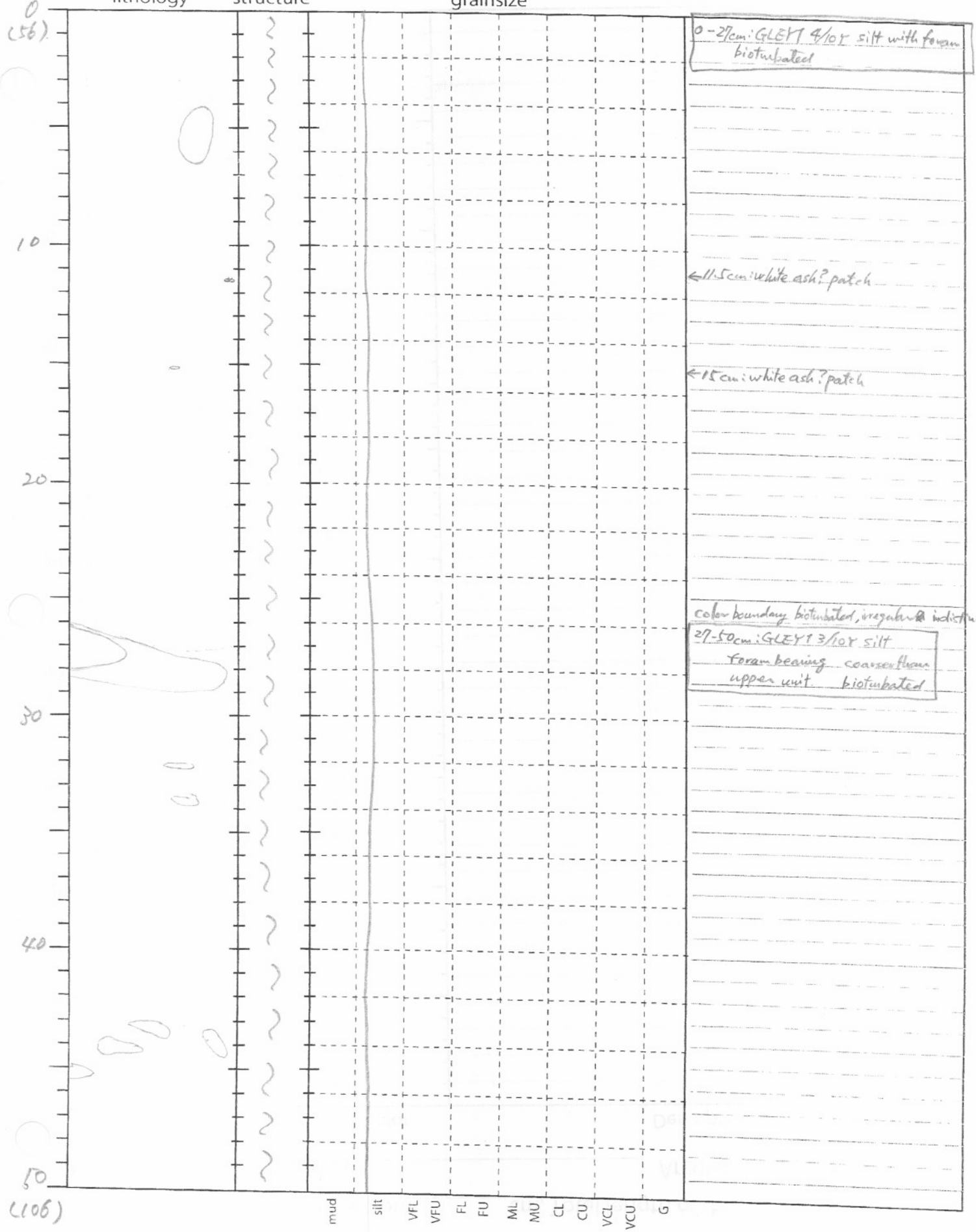
CORE LOG Core No. RR0705-83PC Section No. 1 sheet 2 of 2

Date 04/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-83PC Section No. 2 sheet 1 of 3

Date 04/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-83PC Section No. 2 sheet 2 of 3

Date 04/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (106)

60

70

80

90

100 (156)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

50-88cm: GLEY1 3/10Y silt foram bearing

59-64cm: foram rich

82.5-84.2cm: bivalve shell

85cm: gastropoda? shell

88-96cm: 5Y4/1 silt bioturbated with c.silt-sized ash

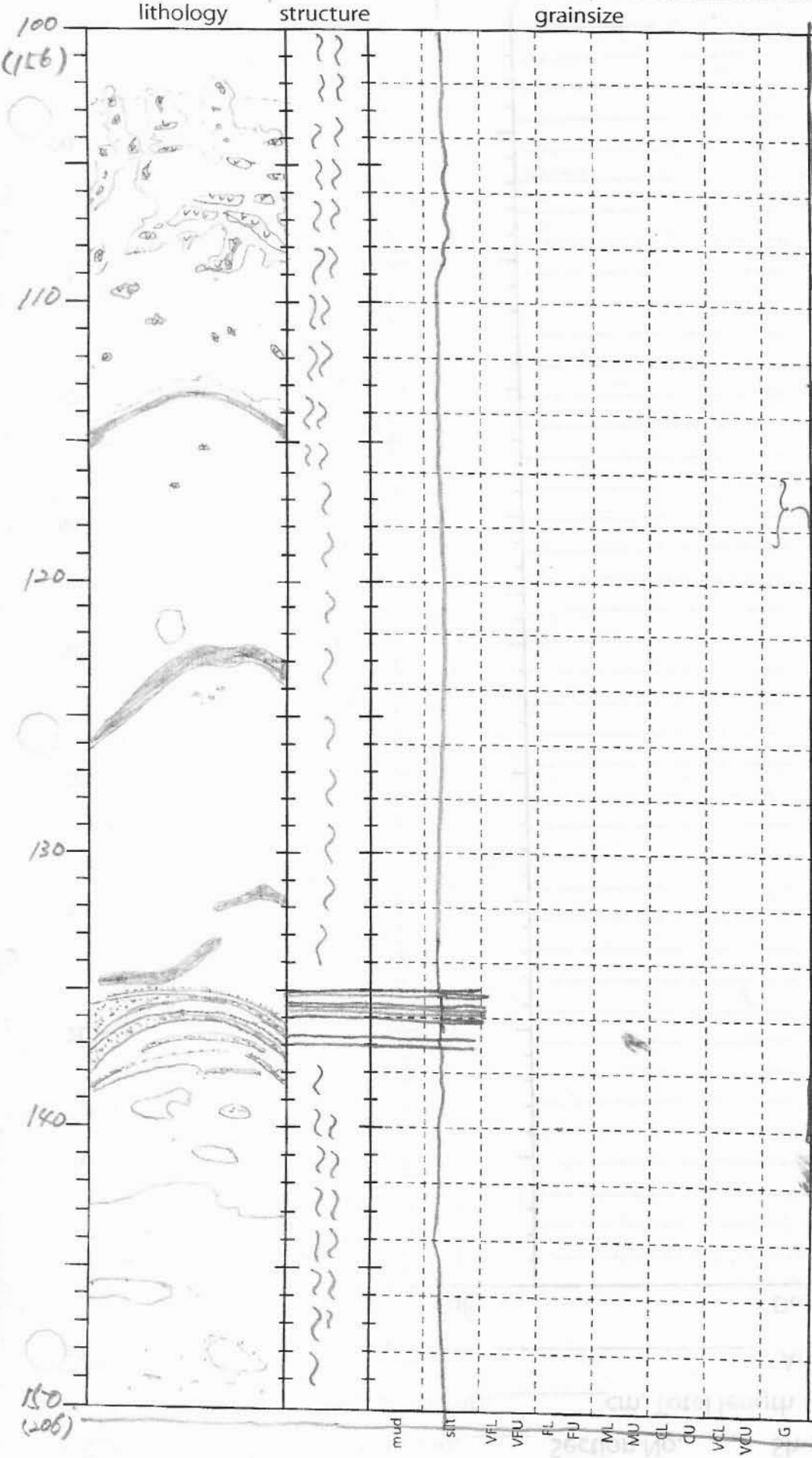
95-96cm: 10YR4/1 c.silt-sized ash bioturbated

96-98cm: GLEY1 4/10GY clayey silt

98-100cm: GLEY1 4/10Y silt

CORE LOG Core No. RR0705-83PC Section No. 2 sheet 3 of 3

Date 04/06/2007 Described by Ken Archive/Working



100-102.7cm: GLEY1 4/10Y silt
2.5Y4/1 c.silt sized ash patches at lower part

102.7-112.2cm: GLEY1 4/10Y silt
lighter than upper unit
bioturbated 2.5Y8/1 c.silt ash patches
color lighter around the ash patches (GLEY1 5/10Y)
foram bearing

112.2-135.2cm: 5Y4/1 (olive) silt
foram bearing, bioturbated

113.3-113.6cm: Greenish (GLEY1 4/5GY) clayey silt

2.5Y4/1 ash patches

burrow filled by GLEY1 4/N v.f.s. grain bearing silt

135, 135.2-135.4, 135.6, 135.7, 135.8, 136-136.2cm: v.f.s. layers

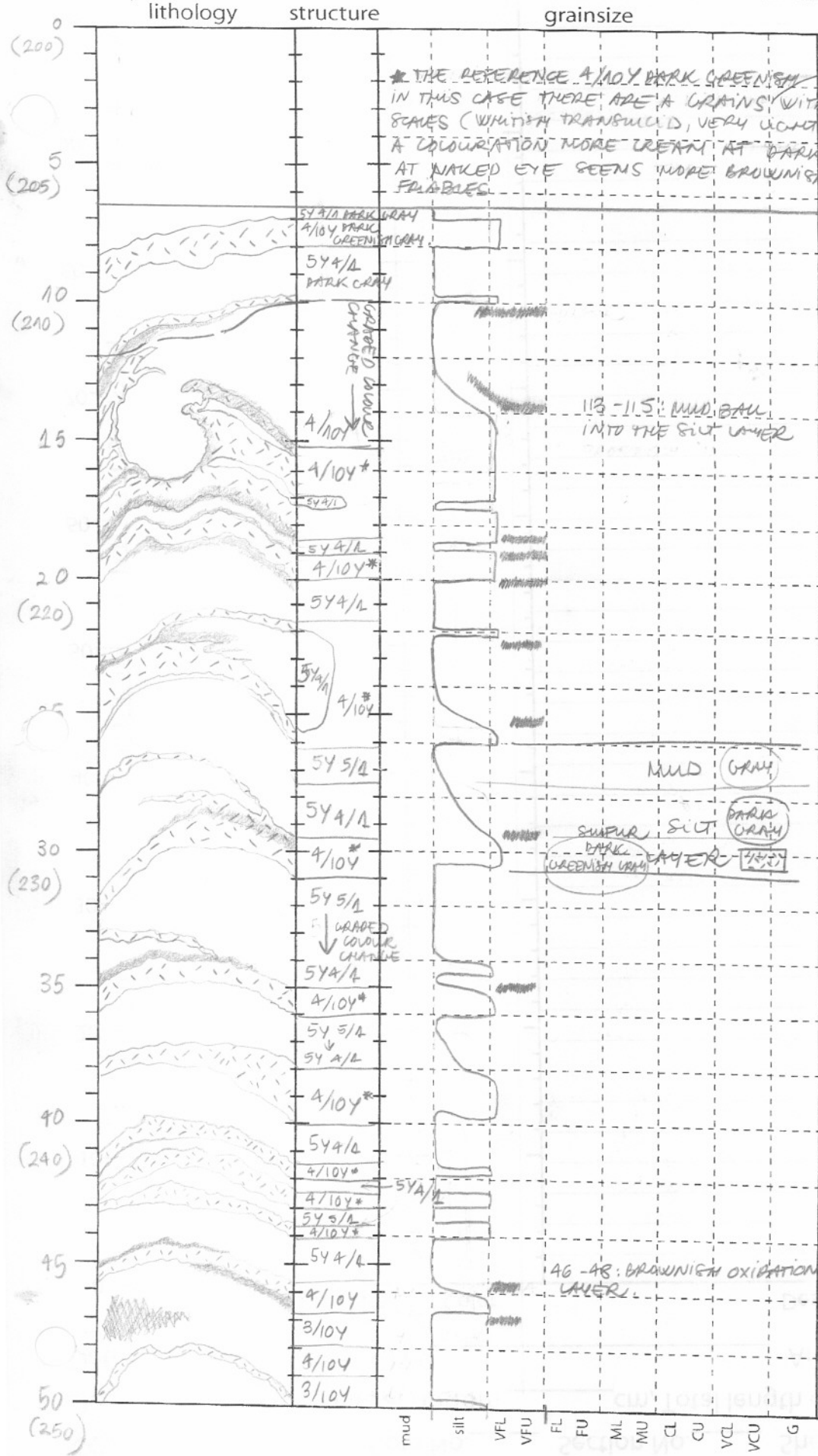
135-136.2cm: GLEY1 4/N v.f.s-c.silt layers

136.2-150.5cm: GLEY1 4/N silt with c.silt layers and patches bioturbated

136.8, 137cm: c.silt layer

CORE LOG Core No. RR0705-83PC Section No. 3 (206'5-357'5 CM) sheet 1 of 4

Date 04/05/07 Described by ZORAIDA Archive/Working



* THE REFERENCE 4/10Y DARK GREENISH IN THIS CASE THERE ARE A GRAINS WITH AN APARENCE OF FISH SCALES (WHITISH TRANSLUCID, VERY CONCAVE, Ø = 2 MM) THAT MAKE A COLOURATION MORE CREAM AT DARK GREENISH GRAY LAYERS AT NAKED EYE SEEMS MORE BROWNISH. THIS SCALES ARE VERY FRAGILES.

SALT GRAINS

BEGINNING SECTION 3 (206'5 CM).

LAYERS [illegible]: DARK GREENISH GRAY SILT / V. FINE SAND WITH A SILICIC? WHITISH SOFT AND TRANSLUCID SCALES THAT DONE A CREAMY COLOUR. DIFFUSE IRREGULAR BOUNDARIES.

THE DIFERENTS SEQUENCE THAT WE SEE HERE ARE DECREASING GRAINSIZE UPWARDS FROM SILT / SANDY SILT IN THE BASE CHARACTERIZATED BY THE LAYERS [illegible] TO DARK GRAY MUD IN THE TOP / CLEAR COLOUR CHANGE FROM BOTTOM TO TOP (FROM DARK GREENISH GRAY TO DARK GRAY).

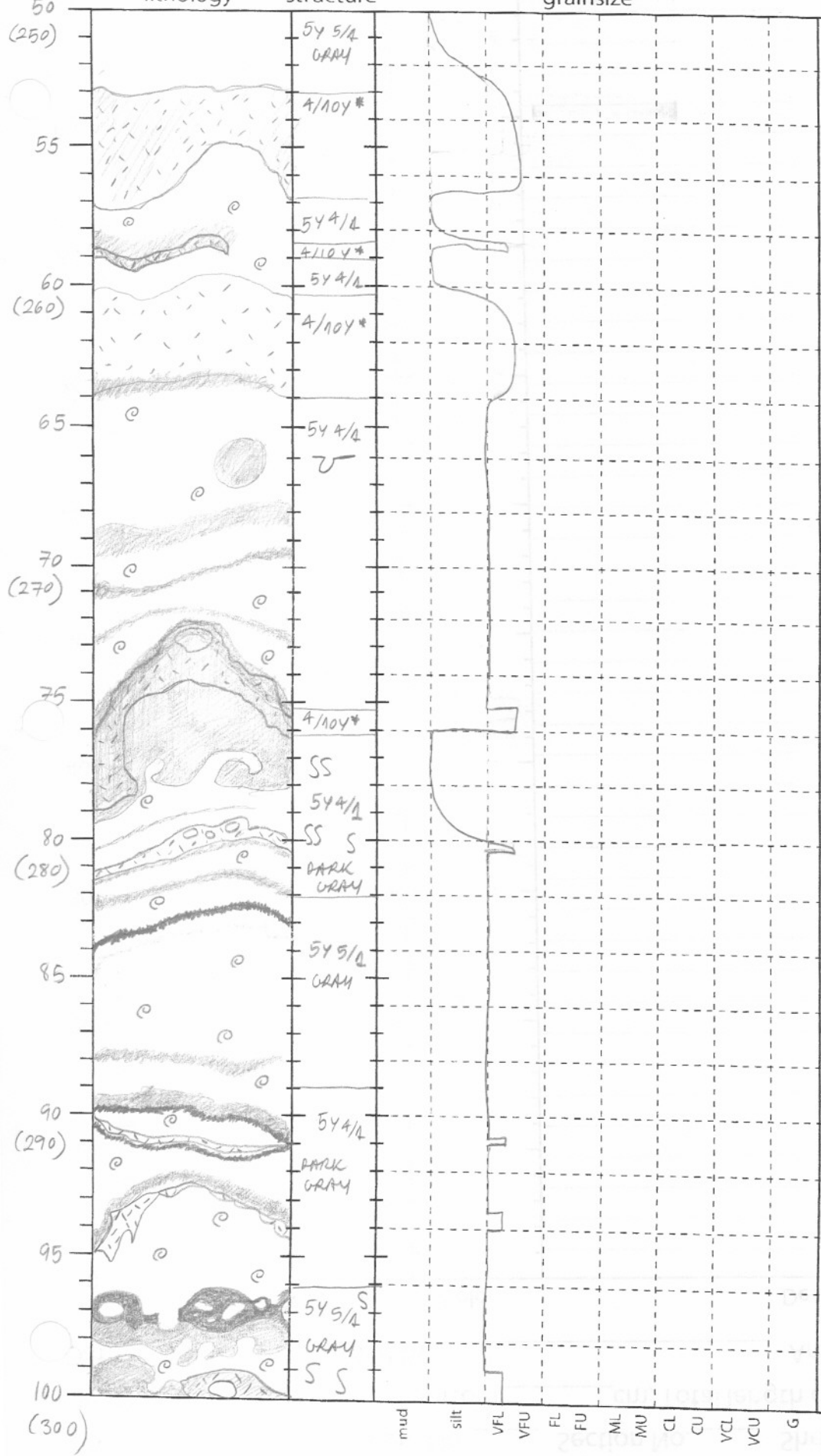
ALSO WE FOUND DARK COLOURED LAYERS THAT MAYBE ARE SULFURS (SMELS LIKE SULFURS AT LEAST !!) CAN BE IN THE BOTTOM OR IN THE TOP OF [illegible] LAYER. (210, 214, 218'5, 219, 220, 223, 230, 235, 245)

THE LAST SEQUENCE DESCRIPTION LOOKS WELL FROM 209 TO 220 AND FROM 226 TO 230

EACH LAYER [illegible] SEEM HAVE ALSO A BROWNISH OXIDATION.

CORE LOG Core No. RR0705-83PC Section No. 3 sheet 2 of 4

Date 04/05/07 Described by ZORAIDA. Archive/Working



BROWNISH OXIDIZED LAYERS (253-257/259/264/278.5-269.5/275-279.5/280.5-281.5/289/290/297-300).

257-300: FORAMS.

265.5-267: BROWNISH OX. BALL. BURROW?

273/280 SILT BALLS INTO A VF LAYER

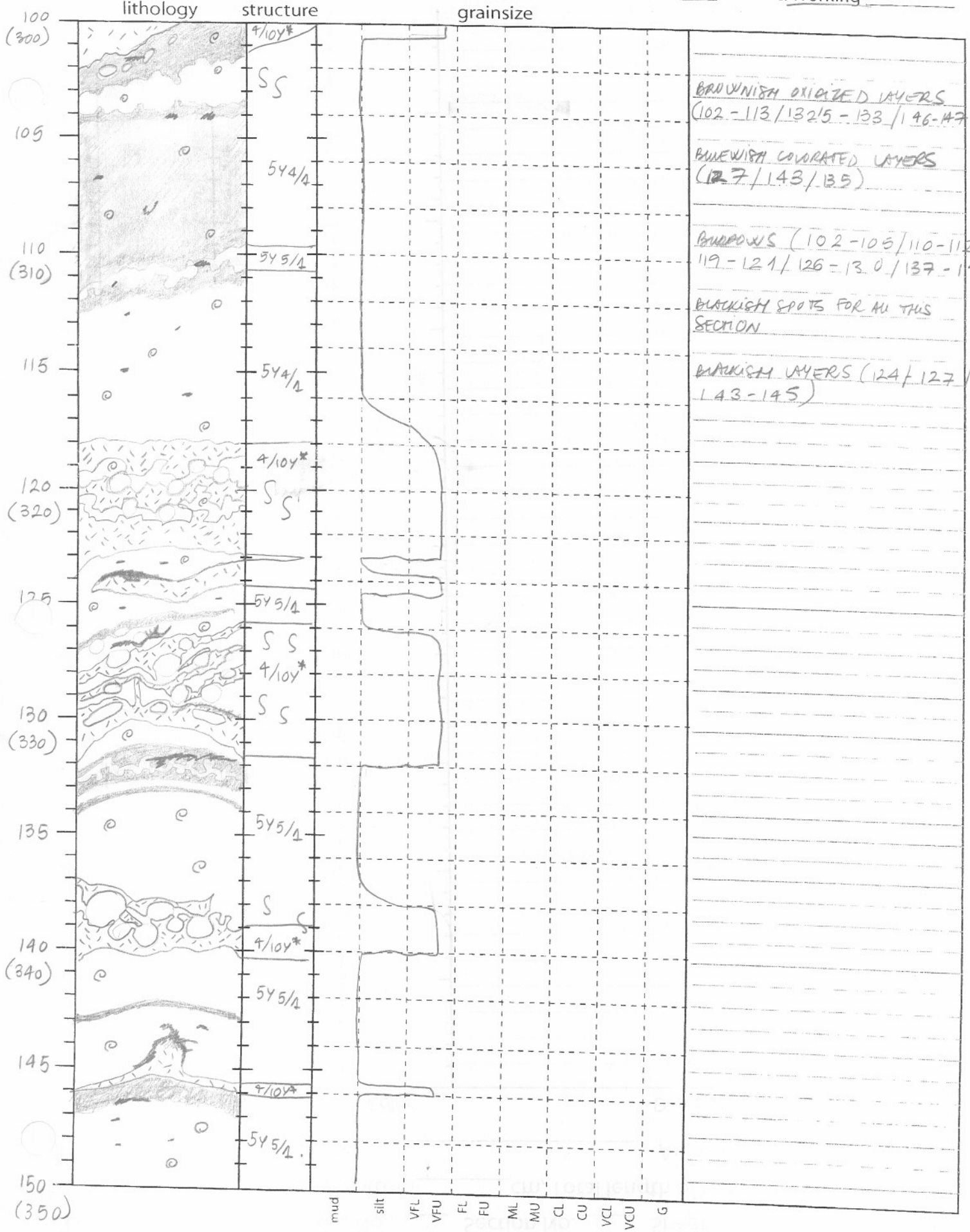
273-279: DROPPED COLOUR CHANGES (BIOTURBATION?)

BLACK LAYERS (SMEARS LIKE SULFURS) 283-284/89-94/296.5-297.5.

BLUEWASH COLORATION LAYER (292-295/290/271).

CORE LOG Core No. RR0705-83PC Section No. 3 sheet 3 of 4

Date 04/05/07 Described by ZORAIDA Archive/Working



BROWNISH OXIDIZED LAYERS (102-113/132.5-133/146-147)

BLUEWISH COLORATED LAYERS (127/143/135)

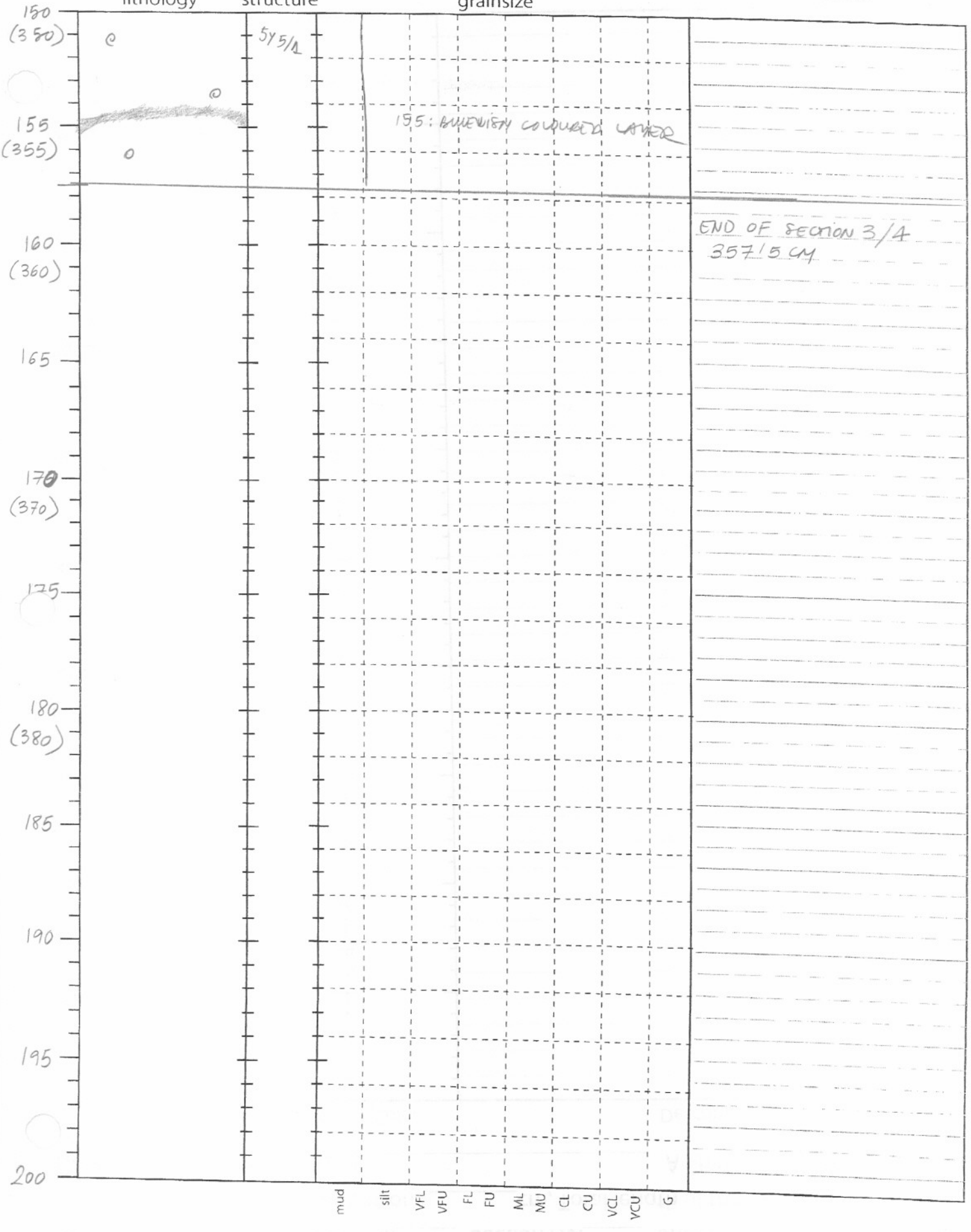
BURROWS (102-105/110-112/119-121/126-130/137-140)

BLACKISH SPOTS FOR ALL THIS SECTION

BLACKISH LAYERS (124/127/132/143-145)

CORE LOG Core No. RR0705-83PC Section No. 3 sheet 4 of 4

Date 04/05/07 Described by ZORAIDA Archive/Working



RR0705 83PC Section No. 4 sheet 1 of 3

Date 04/06/2007 Described by Ken Archive/Working

lithology structure grainsize

0 (257.5)

10

20

30

40

50 (407.5)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

0-50cm: GLEY1 4/10Y silt biotubated foram bearing sand grain scattered

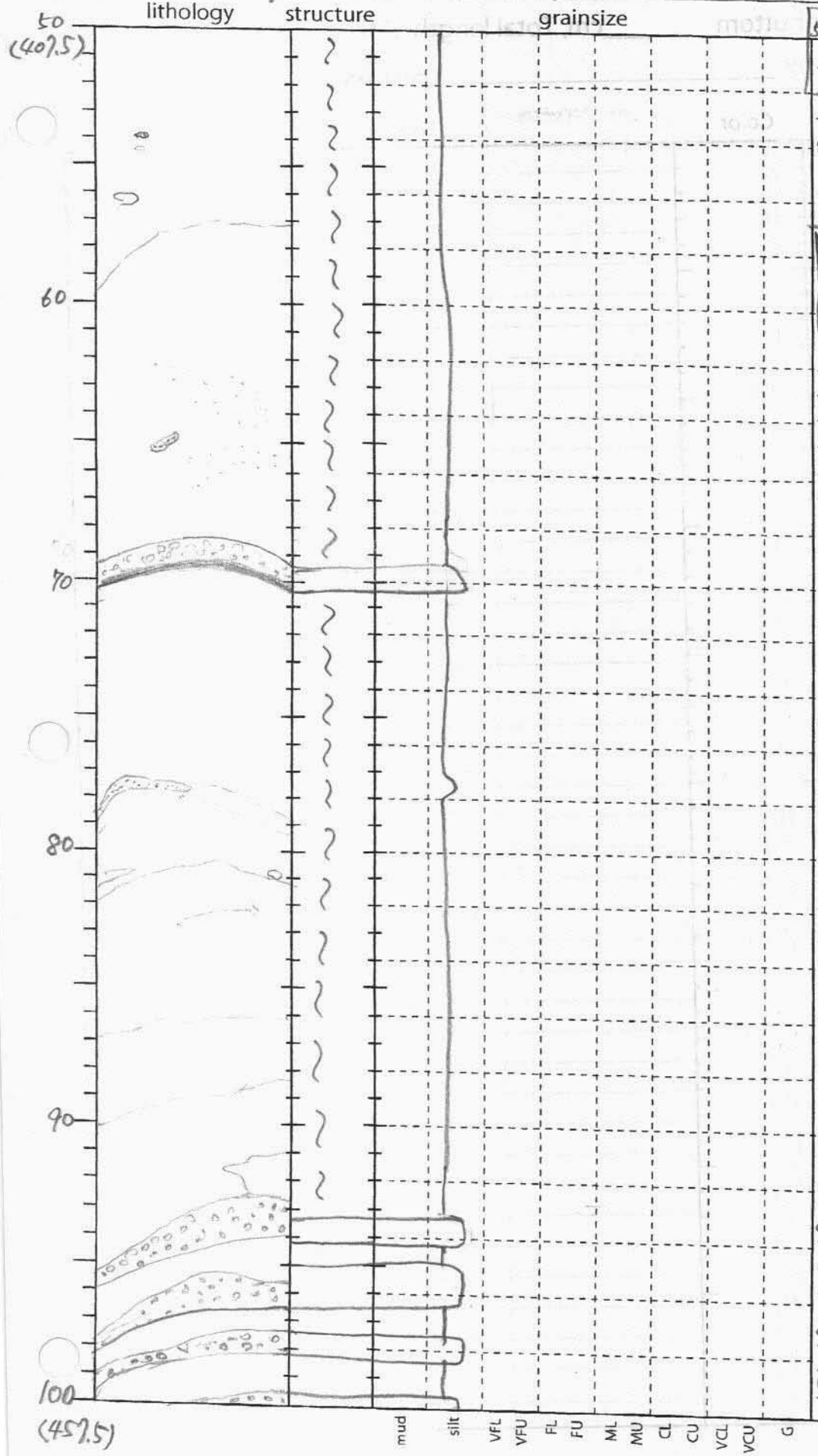
← burrow

← 9.8cm: light gray mud patch

18.2-18.4cm: black (GLEY1 2/N) c. silt biotubated

RR0705-83PC Section No. 4 sheet 2 of 3

Date 04/06/2007 Described by Ken Archive/Working



50–57.2cm:

GLEY1 4/10Y silt foram bearing bioturbated

←53.4cm: foram patch (benthic foram)

57.2–100cm: GLEY1 3/10Y silt foram bearing with c.silt & diatom floc layers

62.7–65.2cm: black c.silt patch

62–66cm: foram rich

68.6–69.6cm: m-c.silt & ash floc(?) layer, lowermost 1mm black m-c.silt upper olive (GLEY1 4/10Y) (GLEY1 3/N) diatom floc? (1–2mmφ) sharp top and base

77.1–77.5cm: black m.silt (burrow fill?) greenish (GLEY1 4/10GY) continue to the black layer

all have sharp base and top

93.8–94.1cm: dive (GLEY1 4/10Y) diatom floc layer

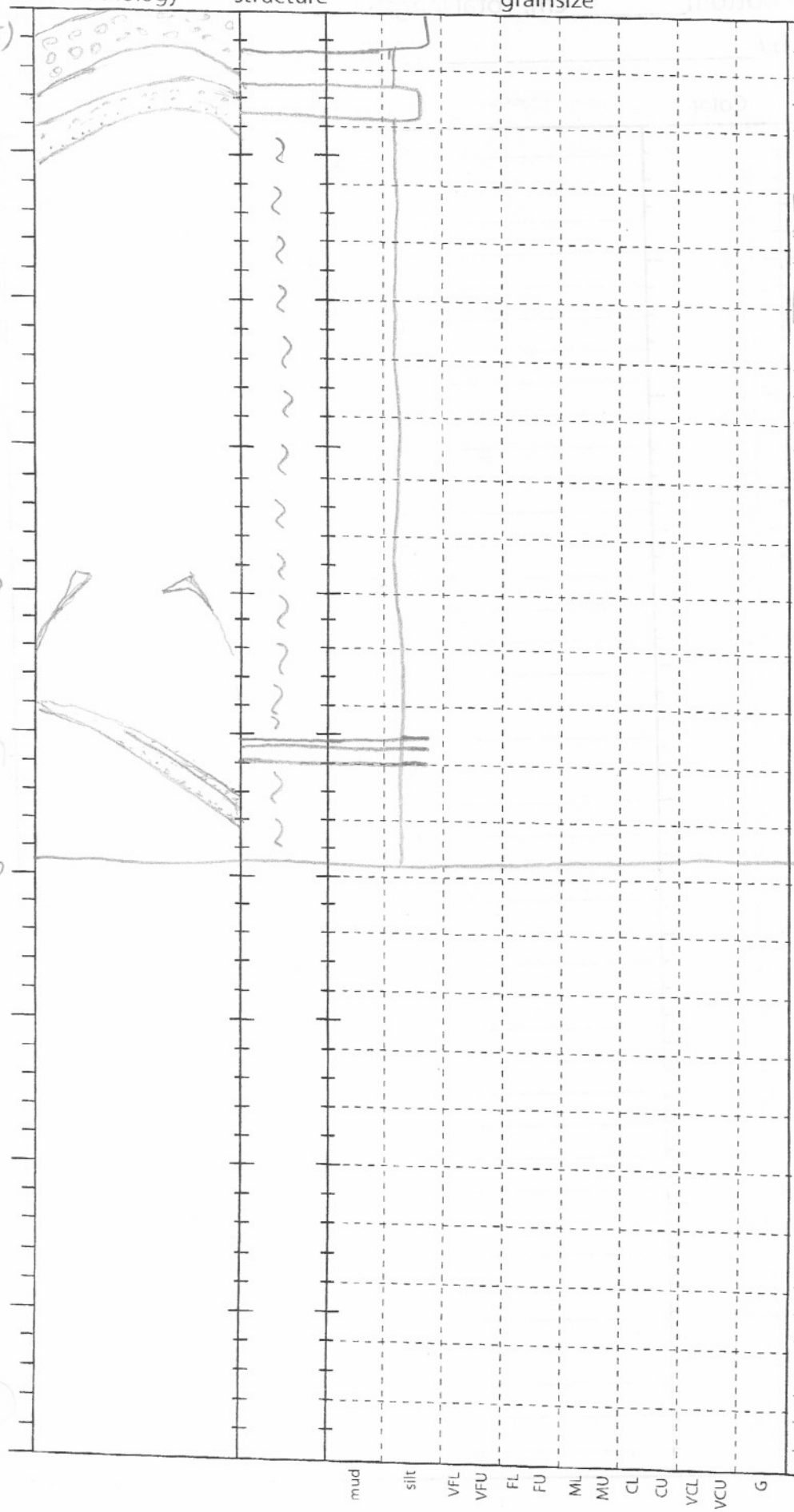
95–96.6cm: upper(95–96cm) olive (GLEY1 4/10Y) lower (96–96.6cm) black (GLEY1 2.5/10Y) diatom floc layer

97.5–98.2cm: olive (GLEY1 4/10Y) diatom floc layer

99.7–100cm: olive (GLEY1 4/10Y) diatom floc layer

RR0705-83PC Section No. 4 sheet 3 of 3

Date 04/06/2007 Described by Ken Archive/Working



100-101.2cm: olive (GLEY1 4/10Y) ash floc? layer, shape top and base

102.4-103.5cm: 5Y 4/1 m-c. silt with foram and v.f.s. grain at base

100-129.5cm: GLEY1 4/N silt with ash floc? layers foram bearing, bioturbated

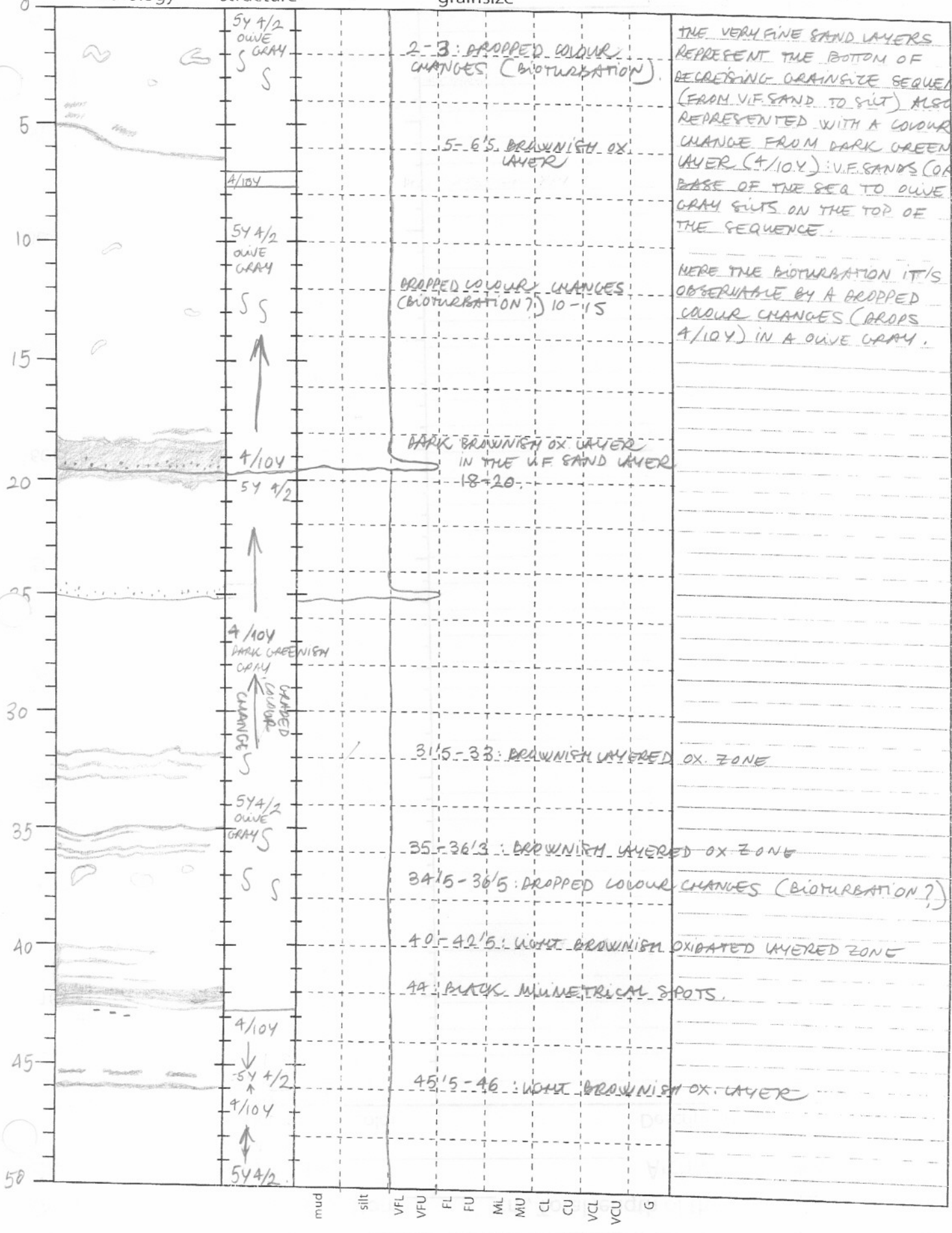
ca. distorted

125.2-126cm: GLEY1 4/10Y silt
125.2, 125.9-125.5, 125.8-126cm: m-c. silt

129.5cm (487cm)

CORE LOG Core No. RR0705-84TC Section No. SEC 1 OF 1 (0-110'8) sheet 1 of 3

Date 04/05/07 Described by ZORAIDA Archive/Working

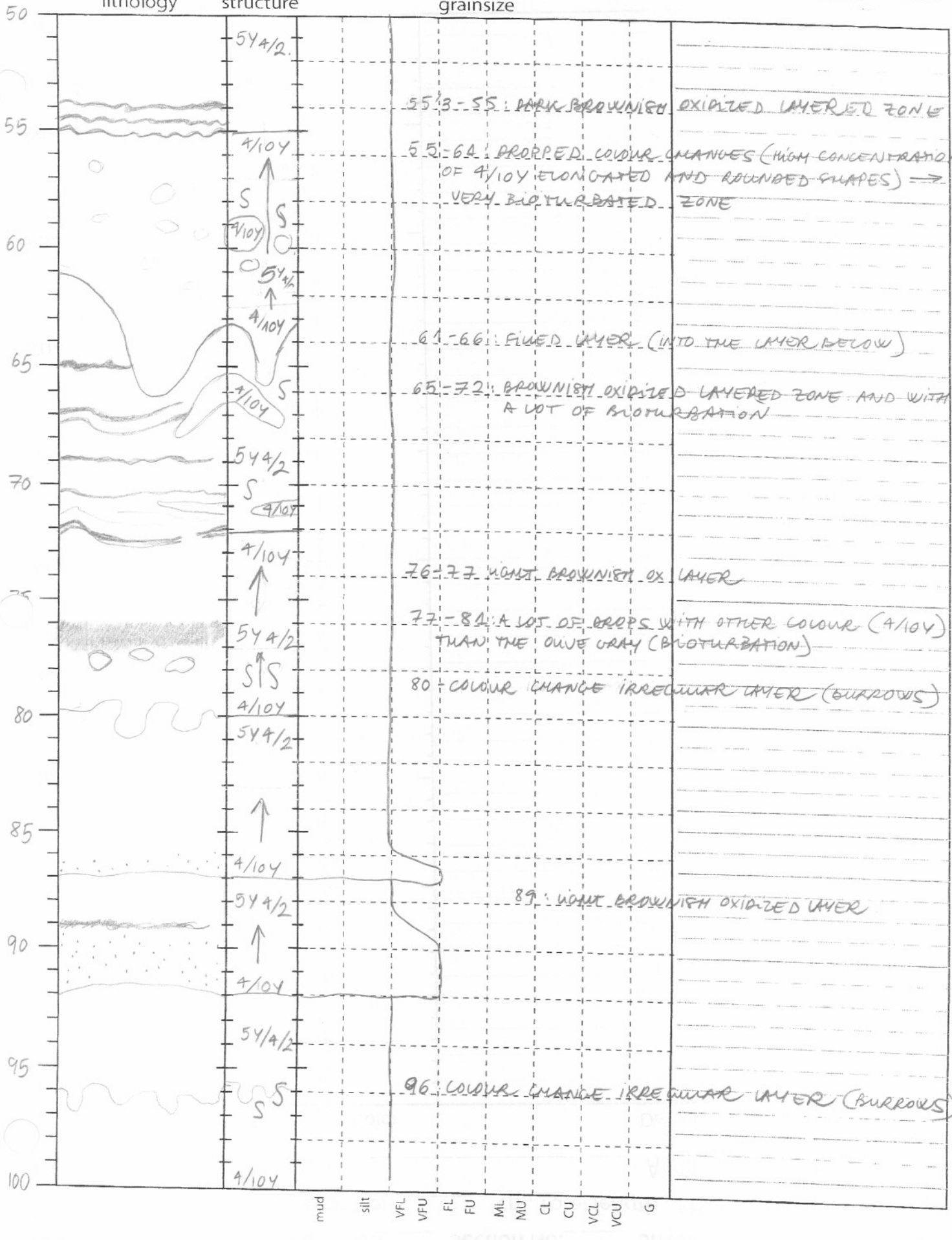


THE VERY FINE SAND LAYERS REPRESENT THE BOTTOM OF DECREASING GRAINSIZE SEQUENCE (FROM V.F. SAND TO SILT) ALSO REPRESENTED WITH A COLOUR CHANGE FROM DARK GREENISH LAYER (4/10Y) V.F. SANDS (OR BASE OF THE SEQ TO OLIVE GRAY SILTS ON THE TOP OF THE SEQUENCE.

HERE THE BIOTURBATION IT'S OBSERVABLE BY A DROPPED COLOUR CHANGES (DROPS 4/10Y) IN A OLIVE GRAY.

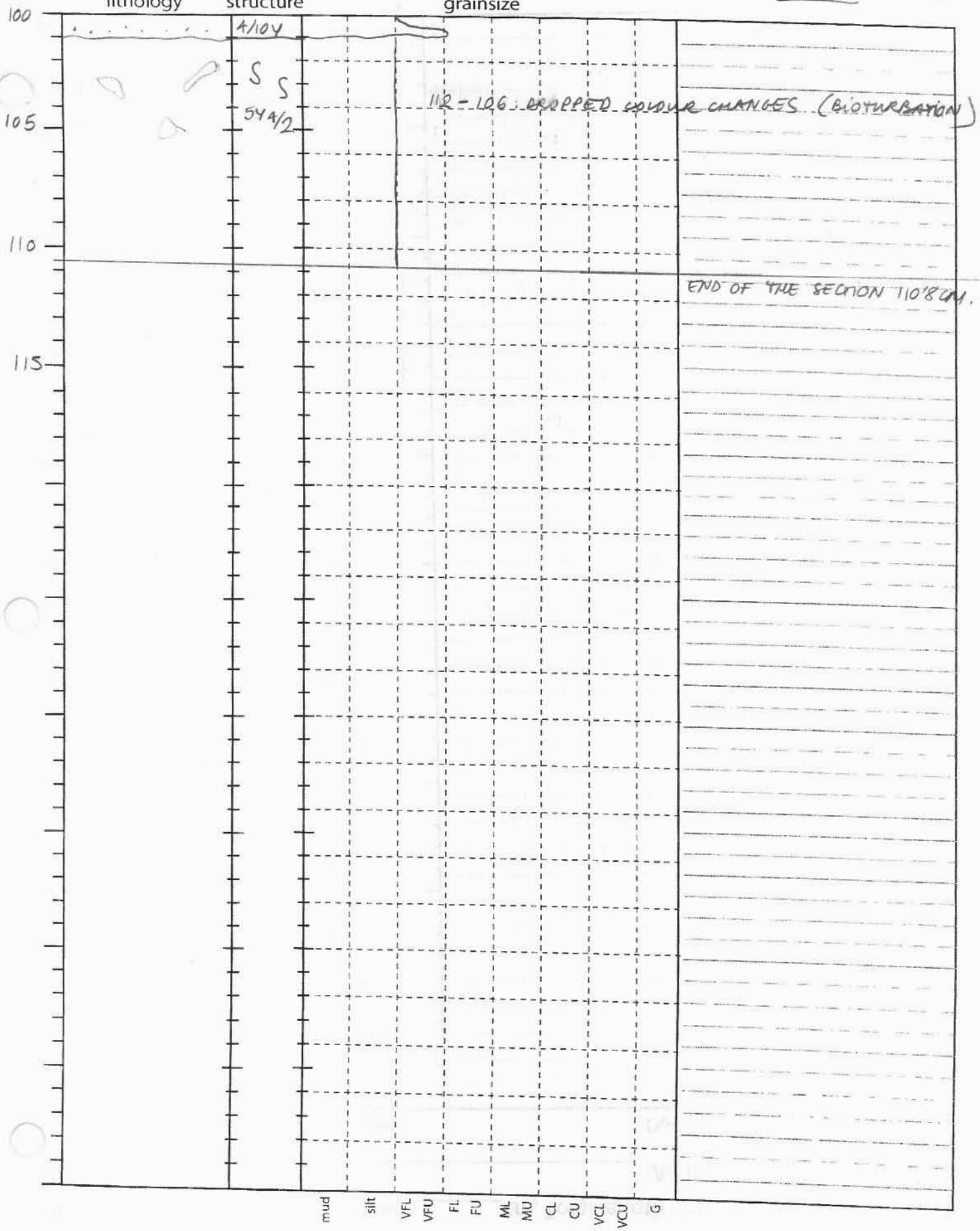
CORE LOG Core No. RR0705-84TC Section No. 1 sheet 2 of 3

Date 04/05/07 Described by ZORAIDA Archive/Working



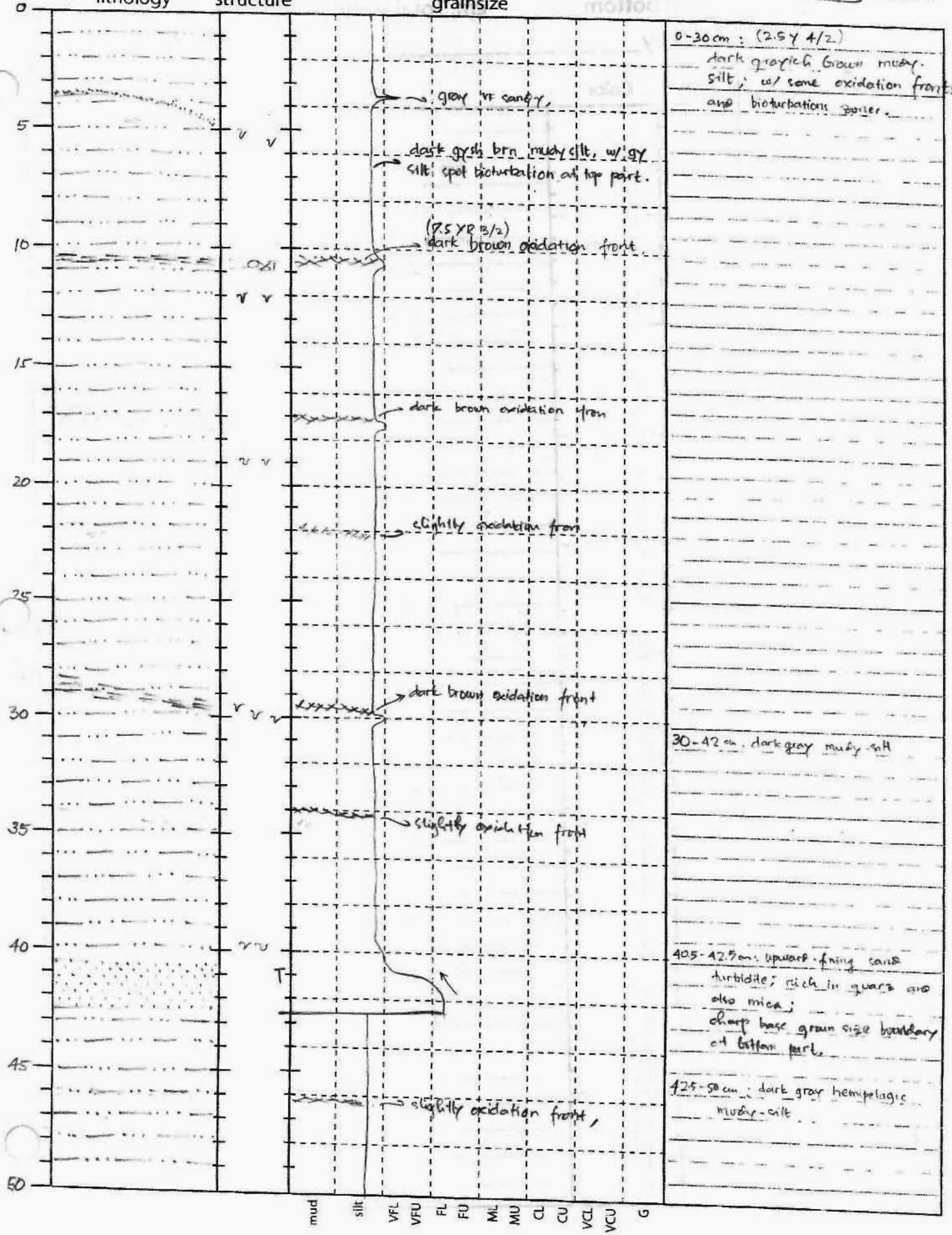
CORE LOG Core No. RR0705-84PC Section No. 1 sheet 3 of 3

Date 04/05/07 Described by ZORAIDA Archive/Working



RR0705 - 84 PC Section No. 1 of 3 sheet 1 of 7

Date 05 JUNE 07 Described by DPTA Archive/Working



0-30 cm : (2.5Y 4/2) dark grayish brown muddy-silt; w/ some oxidation fronts, and bioturbations border.

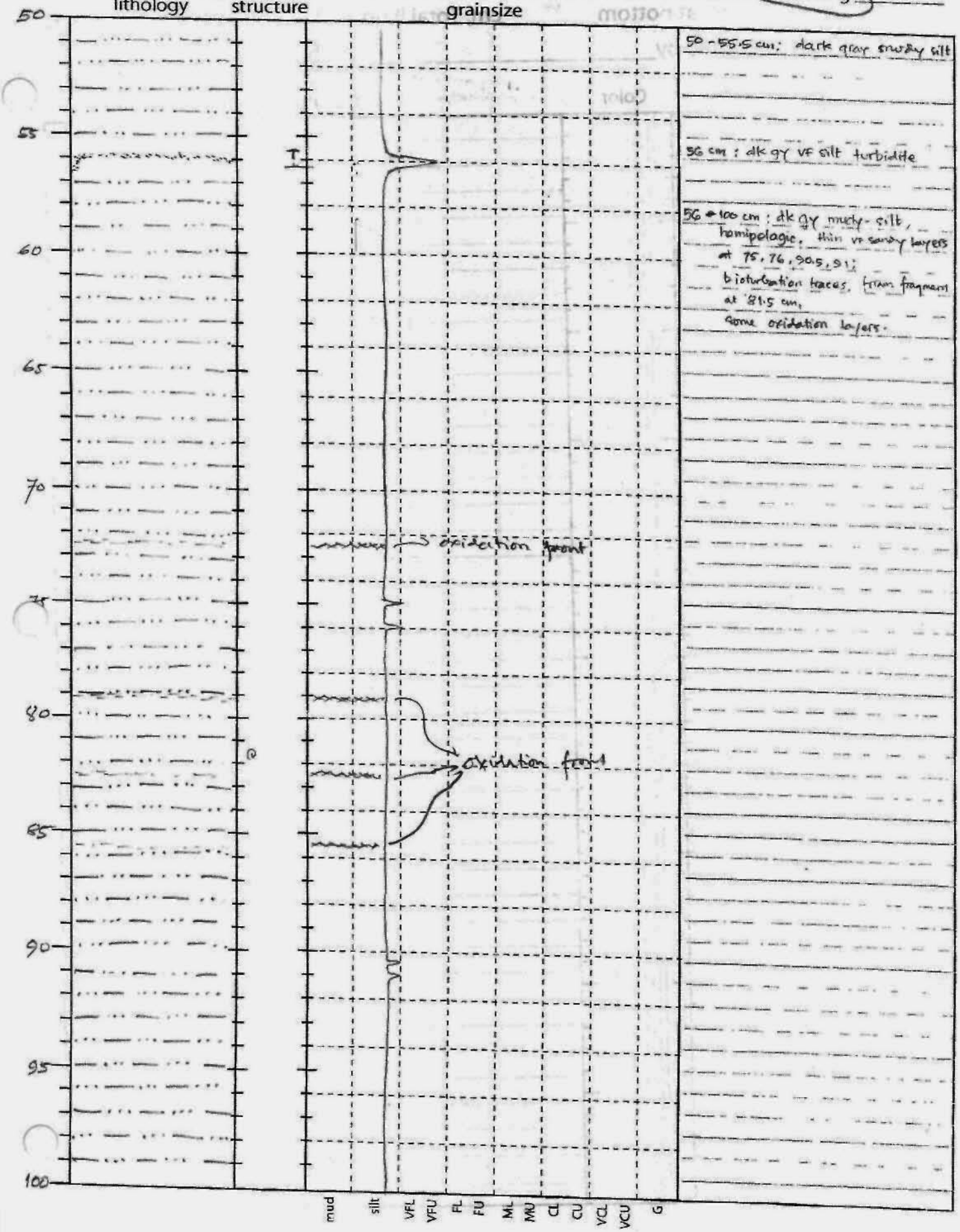
30-42 cm, dark gray muddy-silt

40.5-42.5 cm: upward-fining sand turbidite; rich in quartz and also mica; sharp base grain size boundary at bottom part.

42.5-50 cm: dark gray hemipelagic muddy-silt

RR0705 - 84 PC Section No. 1 & 2 of 3 sheet 2 of 7

Date 05 JUNE 07 Described by SAPTA Archive/Working



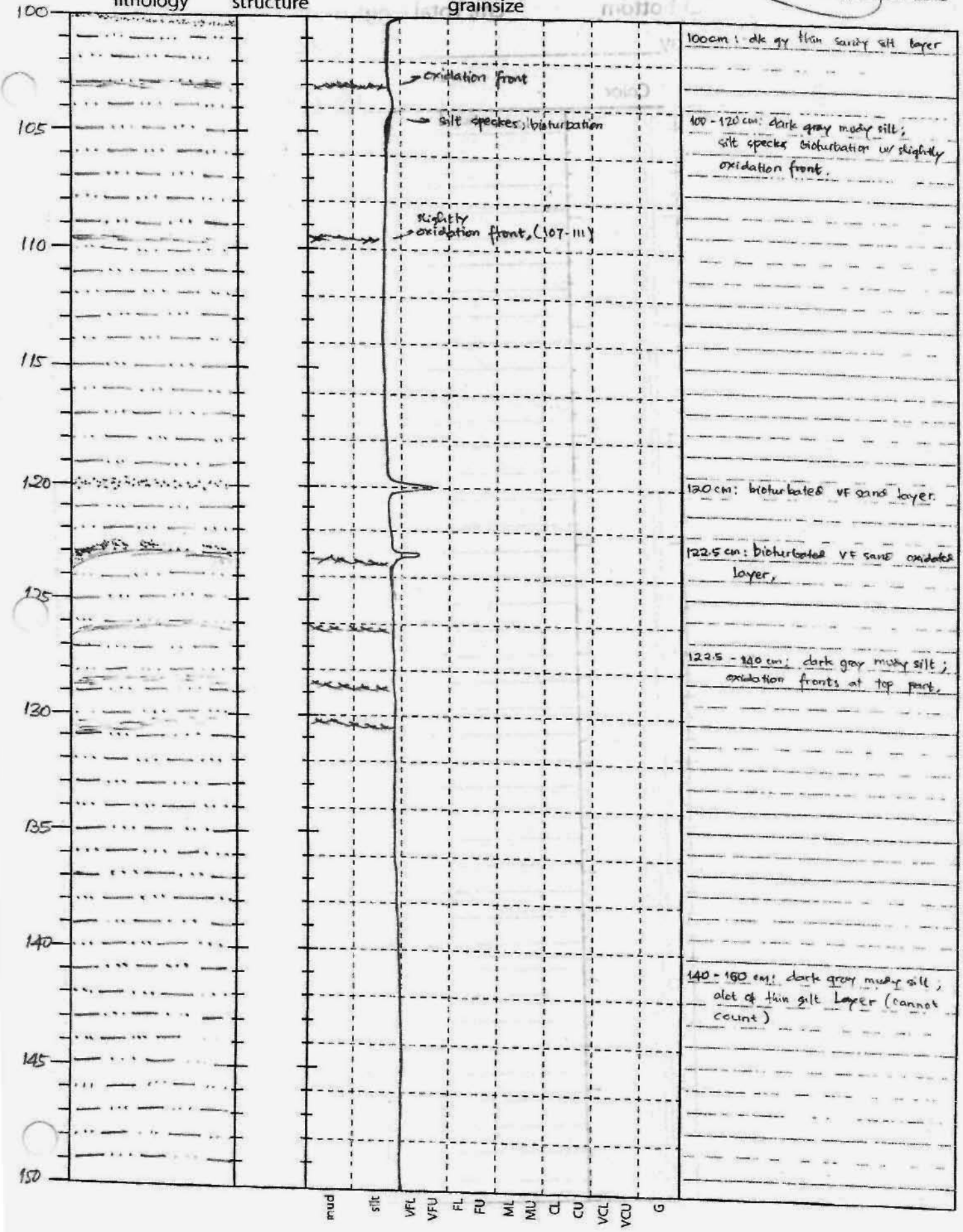
50 - 55.5 cm: dark gray sandy silt

56 cm : dk gy VF silt turbidite

56 - 100 cm : dk gy mucky - silt, hemipelagic, thin VF sandy layers at 75, 76, 90.5, 91; bioturbation traces, foram fragment at 81.5 cm, some oxidation layers.

RR 0705 - 84 PC section No. 2 of 2 sheet 3 of 7

Date 05 JUNE 07 Described by SAPTA Archive/Working



100cm : dk gy thin sandy silt layer

100 - 120 cm: dark gray muddy silt; silt specks bioturbation w/ slightly oxidation front.

120 cm: bioturbated VF sand layer.

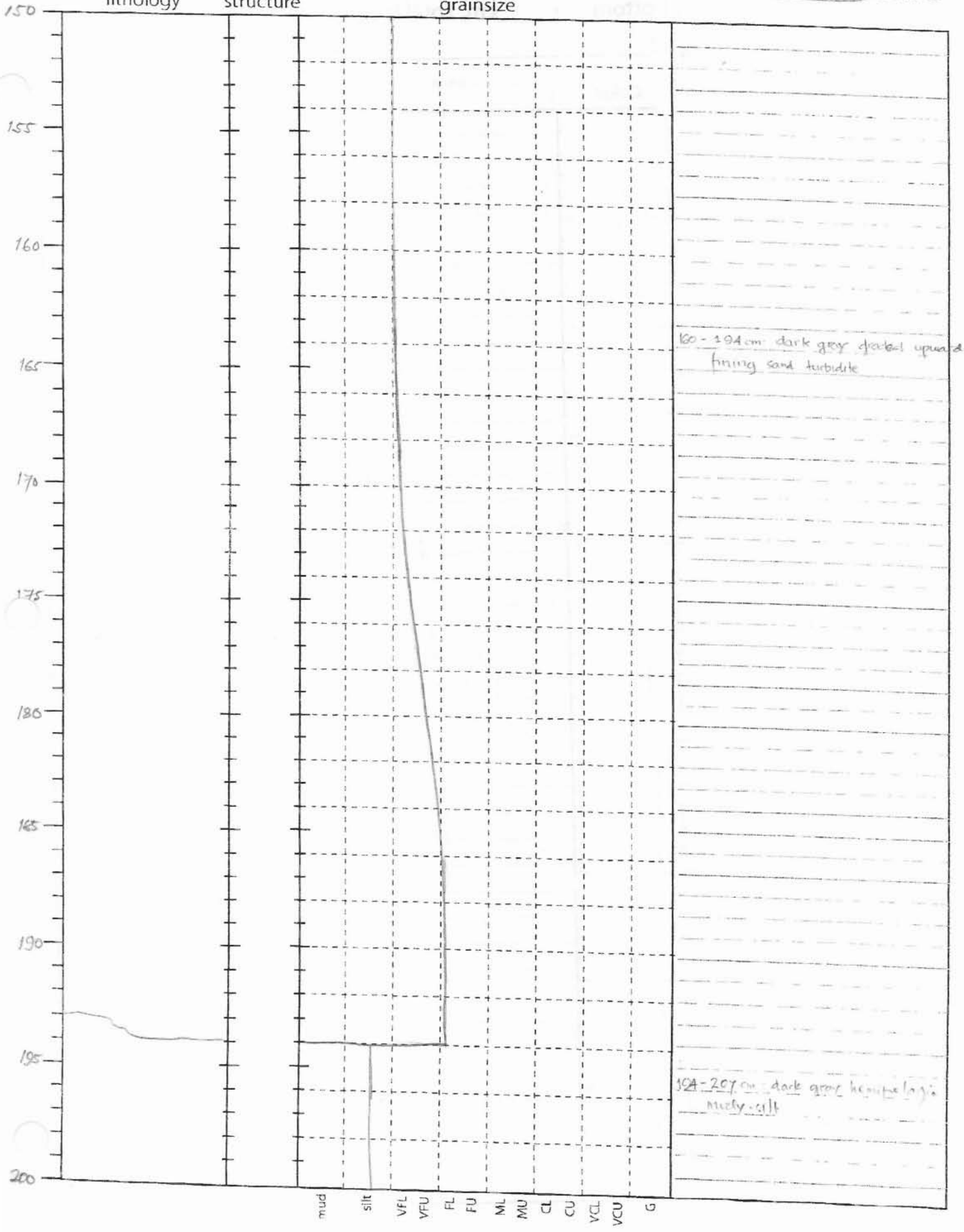
122.5 cm: bioturbated VF sand oxidated layer,

122.5 - 140 cm: dark gray muddy silt; oxidation fronts at top part.

140 - 160 cm: dark gray muddy silt, alot of thin silt Layer (cannot count)

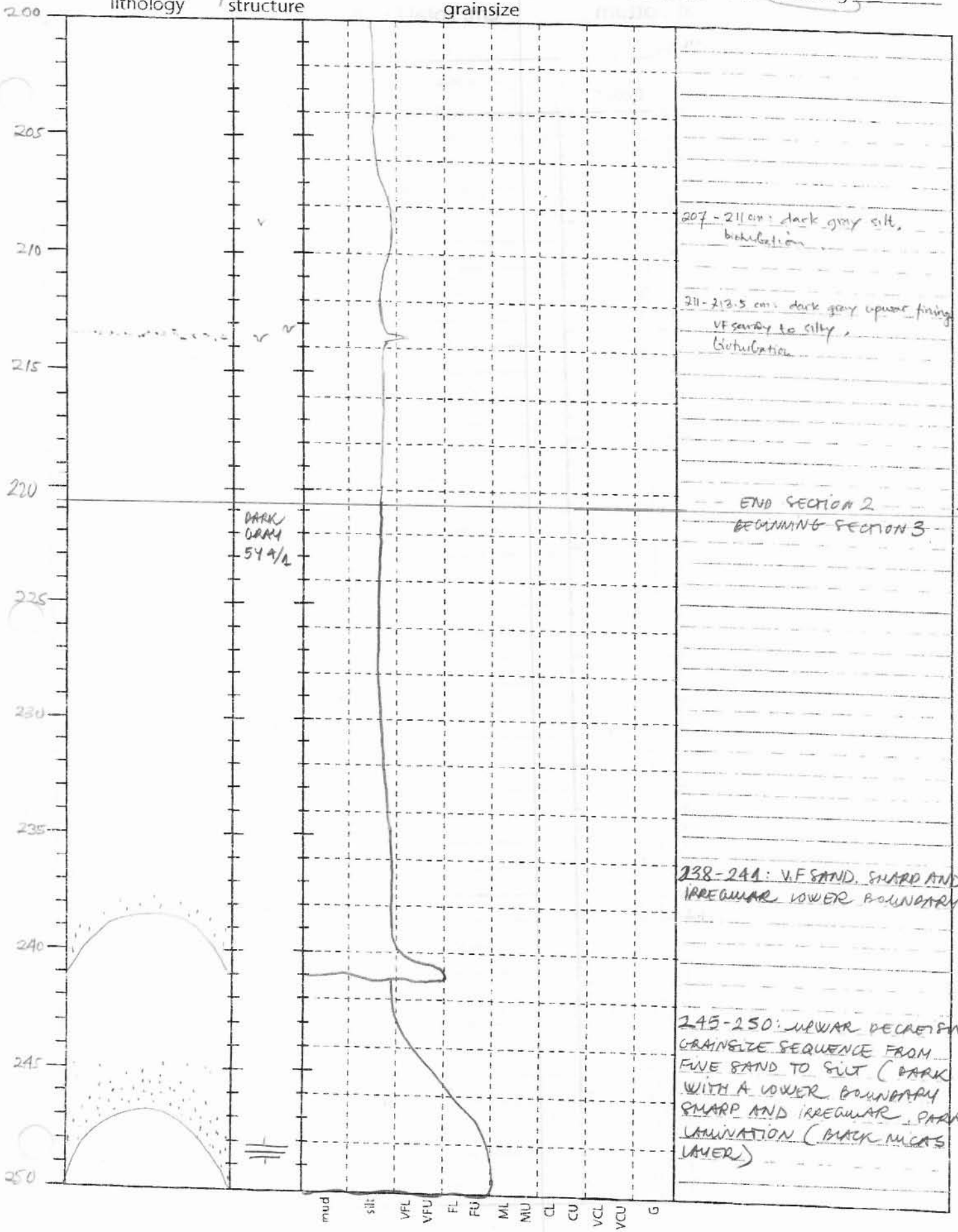
RR0705 - 84 PC Section No. 2 of 3 sheet 4 of 7

Date 05 JUNE 07 Described by SAPTA Archive/Working



RR0705 - 84 PC Section No. 2/3 of 3 sheet 5 of 7

Date 05 JUNE 07 Described by SAPTA/ZORAIDA Archive/Working



207 - 211 cm: dark gray silt, bioturbation

211 - 213.5 cm: dark gray upward fining VF sandy to silty, bioturbation

END SECTION 2 220'S

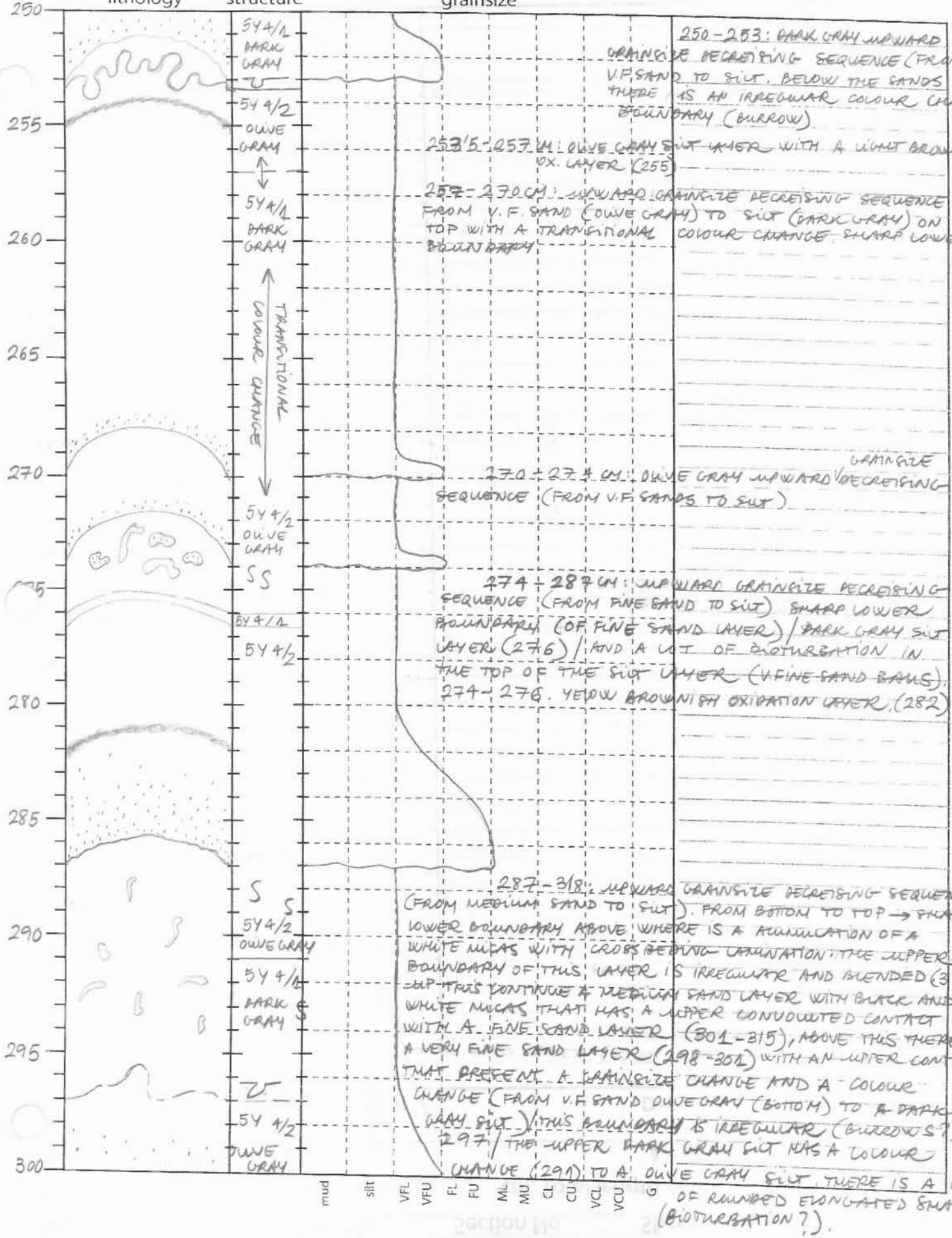
BEGINNING SECTION 3

238 - 241: V.F SAND, SHARP AND IRREGULAR LOWER BOUNDARY

245 - 250: LINEAR DECREASING GRAINSIZE SEQUENCE FROM FINE SAND TO SILT (DARK GRAY) WITH A LOWER BOUNDARY SHARP AND IRREGULAR, PARALLEL LAMINATION (BLACK MICAS LAYER)

CORE LOG Core No. RR0705-84PC Section No. 3/3 sheet 6 of 7

Date 05/04/07 Described by ZORAIDA Archive/Working



250-253: DARK GRAY UPWARD GRAINSIZE DECREASING SEQUENCE (FROM V.F. SAND TO SILT. BELOW THE SANDS THERE IS AN IRREGULAR COLOUR CHANGE BOUNDARY (BURROW)

253'5-257 CM: OLIVE GRAY SILT LAYER WITH A LIGHT BROWNISH OX. LAYER (255)

257-270 CM: UPWARD GRAINSIZE DECREASING SEQUENCE FROM V.F. SAND (OLIVE GRAY) TO SILT (DARK GRAY) ON THE TOP WITH A TRANSITIONAL BOUNDARY. COLOUR CHANGE SHARP LOWER

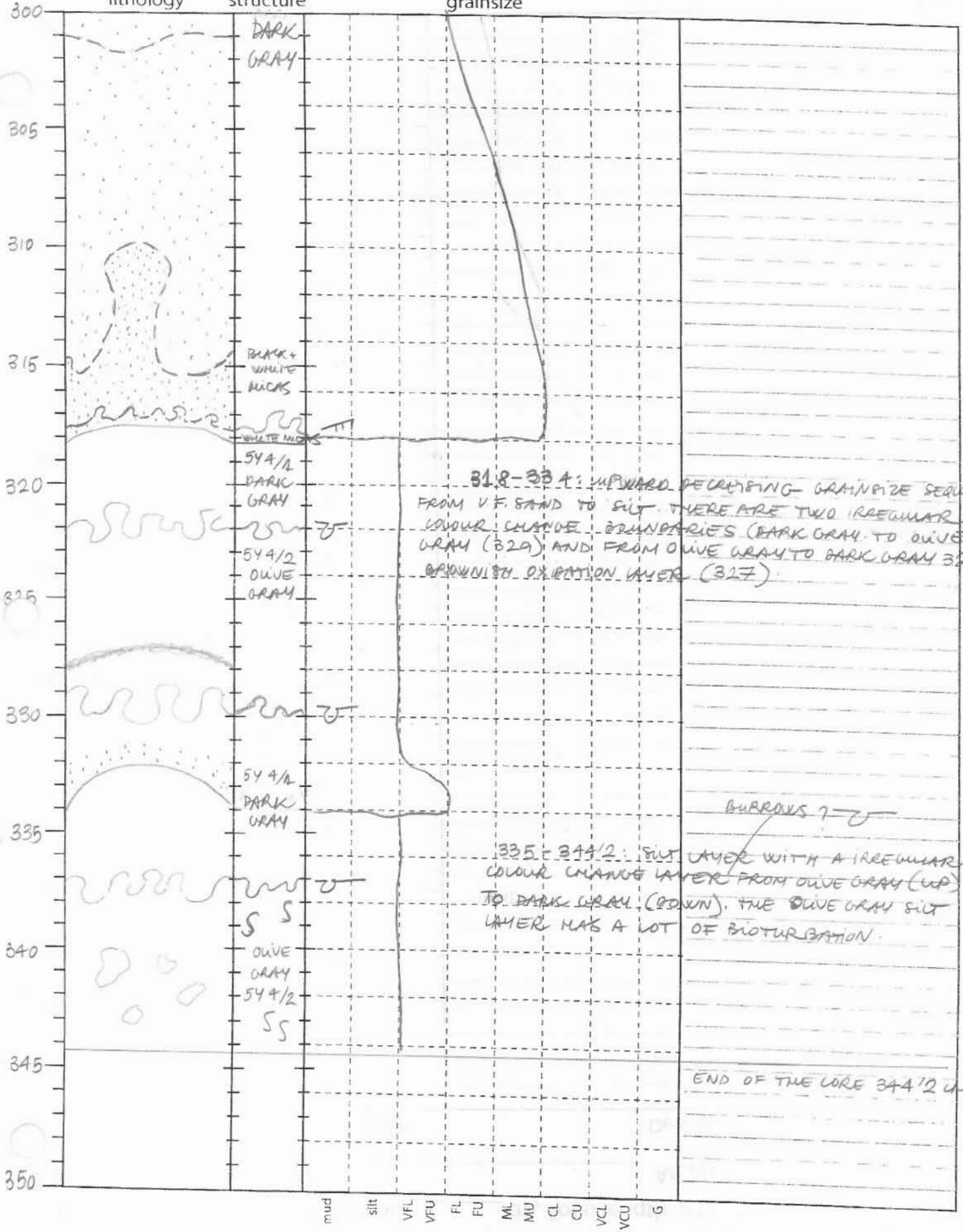
270-274 CM: OLIVE GRAY UPWARD GRAINSIZE DECREASING SEQUENCE (FROM V.F. SANDS TO SILT)

274-287 CM: UPWARD GRAINSIZE DECREASING SEQUENCE (FROM FINE SAND TO SILT). SHARP LOWER BOUNDARY (OF FINE SAND LAYER) / DARK GRAY SILT LAYER (276) / AND A LOT OF BIOTURBATION IN THE TOP OF THE SILT LAYER (V.FINE SAND BANDS). 274-276. YELOW BROWNISH OXIDATION LAYER. (282)

287-318: UPWARD GRAINSIZE DECREASING SEQUENCE (FROM MEDIUM SAND TO SILT). FROM BOTTOM TO TOP → SHARP LOWER BOUNDARY ABOVE WHERE IS A ACUMULATION OF A WHITE MICAS WITH CROSS BEDING LAMINATION. THE UPPER BOUNDARY OF THIS LAYER IS IRREGULAR AND BLENDED (317'5) UP. THIS CONTINUE A MEDIUM SAND LAYER WITH BLACK AND WHITE MICAS THAT HAS A UPPER CONVOLUTED CONTACT WITH A FINE SAND LAYER (301-315), ABOVE THIS THERE IS A VERY FINE SAND LAYER (298-301) WITH AN UPPER CONTACT THAT PRESENT A GRAINSIZE CHANGE AND A COLOUR CHANGE (FROM V.F SAND OLIVE GRAY (BOTTOM) TO A DARK GRAY SILT). THIS BOUNDARY IS IRREGULAR (BURROWS?) 297 / THE UPPER DARK GRAY SILT HAS A COLOUR CHANGE (291) TO A OLIVE GRAY SILT. THERE IS A LOT OF RUNDED ELONGATED SHAPES (BIOTURBATION?).

CORE LOG Core No. RR0705-84PC Section No. 3/3 sheet 7 of 7

Date _____ Described by _____ Archive/Working _____



318-334: UPWARD DECREASING GRAINSIZE SEQUENCE FROM V.F. SAND TO SILT. THERE ARE TWO IRREGULAR COLOUR CHANGE BOUNDARIES (DARK GRAY TO OLIVE GRAY (329) AND FROM OLIVE GRAY TO DARK GRAY 322) BROWNISH OXIDATION LAYER (327).

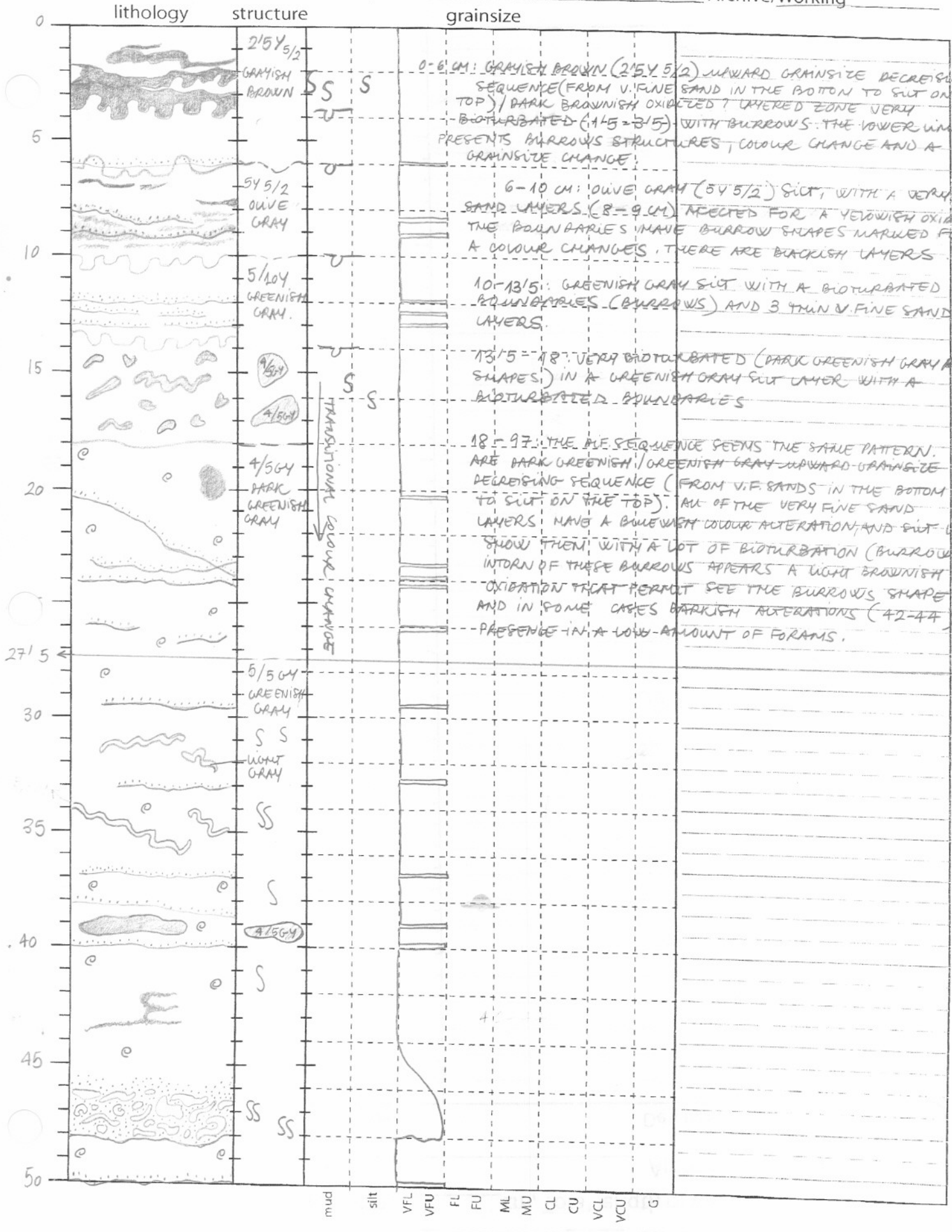
BURROWS ?

335-344/2: SILT LAYER WITH A IRREGULAR COLOUR CHANGE LAYER FROM OLIVE GRAY (UP) TO DARK GRAY (DOWN). THE OLIVE GRAY SILT LAYER HAS A LOT OF BIOTURBATION.

END OF THE CORE 344/2 cm.

CORE LOG Core No. RR0705-85TC Section No. 1/2 OF 2 sheet 1 of 4

Date 05/06/2007 Described by ZORAIDA. Archive/Working



0-6 CM: GRAYISH BROWN (2.5Y 5/2) UPWARD GRAINSIZE DECREISING SEQUENCE (FROM V. FINE SAND IN THE BOTTON TO SILT ON THE TOP) / DARK BROWNISH OXIDIZED ? LAYERED ZONE VERY BIOTURBATED (1/5 - 3/5) WITH BURROWS. THE LOWER UNIT PRESENTS BURROWS STRUCTURES, COLOUR CHANGE AND A GRAINSIZE CHANGE.

6-10 CM: OLIVE GRAY (5Y 5/2) SILT, WITH A VERY FINE SAND LAYERS (8-9 CM) AFECTED FOR A YELOWISH OXIDATION THE BOUNDARIES HAVE BURROW SHAPES MARKED FOR A COLOUR CHANGES. THERE ARE BLACKISH LAYERS

10-13/5: GREENISH GRAY SILT WITH A BIOTURBATED BOUNDARIES (BURROWS) AND 3 THIN V. FINE SAND LAYERS.

13/5 - 18: VERY BIOTURBATED (DARK GREENISH GRAY ROUNDED SHAPES) IN A GREENISH GRAY SILT LAYER WITH A BIOTURBATED BOUNDARIES

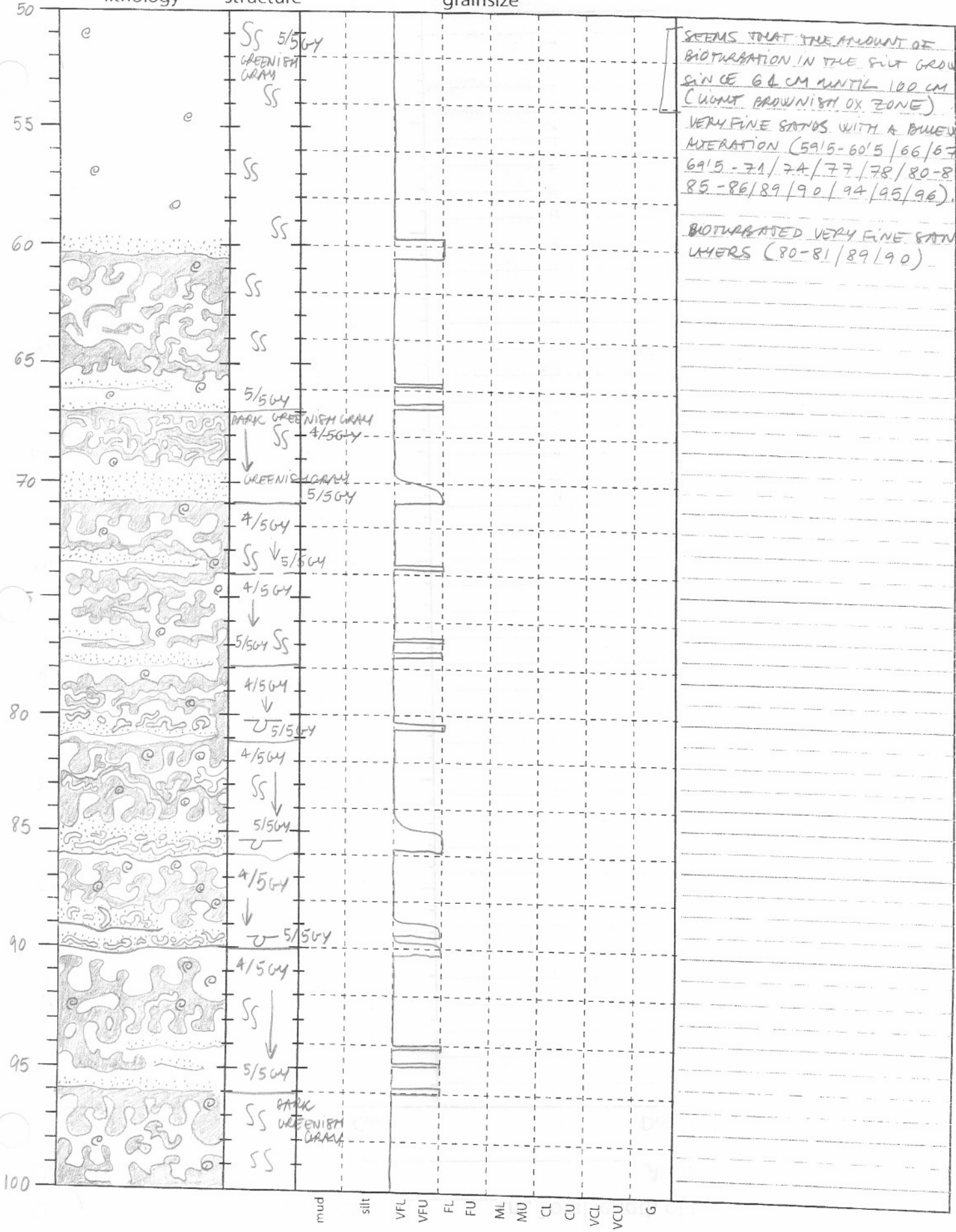
18-97: THE ALE SEQUENCE SEEMS THE SAME PATTERN. ARE DARK GREENISH / GREENISH GRAY UPWARD GRAINSIZE DECREISING SEQUENCE (FROM V.F. SANDS IN THE BOTTOM TO SILT ON THE TOP). ALL OF THE VERY FINE SAND LAYERS HAVE A BLUEWISH COLOUR ALTERATION, AND SILT LAYERS SHOW THEM WITH A LOT OF BIOTURBATION (BURROWS) INTORN OF THESE BARROWS APPEARS A LIGHT BROWNISH OXIDATION THAT PERMIT SEE THE BURROWS SHAPE AND IN SOME CASES BLACKISH ALTERATIONS (42-44) PRESENCE IN A LOW AMOUNT OF FORAMS.

SEC1.

SEC2

CORE LOG Core No. RR0705-85TC Section No. 2 OF 2 sheet 2 of 4

Date 05/06/2007 Described by ZORAIDA Archive/Working



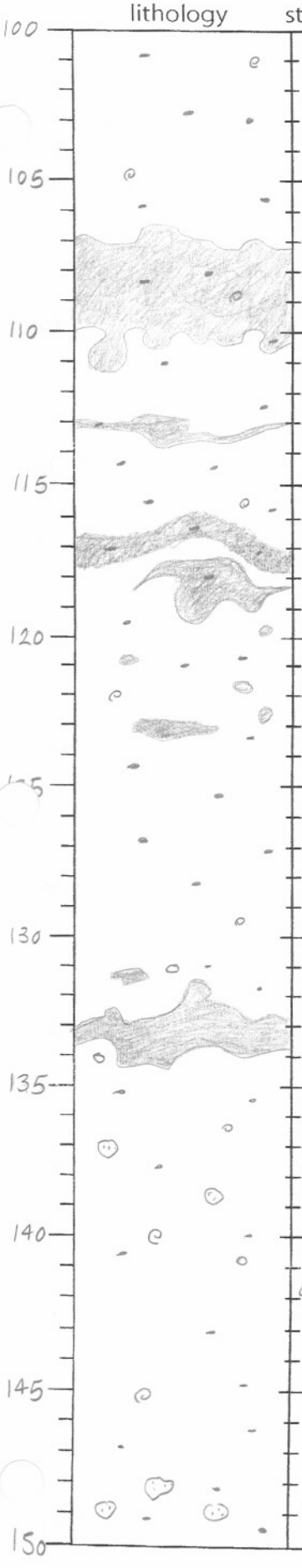
SEEMS THAT THE AMOUNT OF BIOTURBATION IN THE SILT GROWN SINCE 64 CM UNTIL 100 CM (LIGHT BROWNISH OX ZONE)

VERY FINE SANDS WITH A BLUEWISH ALTERATION (59'5-60'5 / 66 / 67 / 69'5 - 71 / 74 / 77 / 78 / 80-81 / 85-86 / 89 / 90 / 94 / 95 / 96).

BIOTURBATED VERY FINE SAND LAYERS (80-81 / 89 / 90)

CORE LOG Core No. RR0705-85TC Section No. 2 OF 2 sheet 3 of 4

Date 05/06/2007 Described by ZORAIDA Archive/Working



100 - 150 : DARK GREENISH GRAY SILT LAYER WITH FORAMS (LOW AMOUNT), BLACKISH MILIMETRICAL SPOTS, AND A DECREASING DOWNWARD THE BIOTURBATION. THIS SEQUENCE CONSIST IN INTERFINGERING LAYERS (DARK GREENISH GRAY SILT LAYER WITH DARK GREENISH GRAY BROWNISH OXIDIZED AND VERY BIOTURBATED SILT LAYERS) THIS OXIDIZED LAYERS DISSAPEARS FROM TOP TO BOTTOM. FROM 140/150 UNTIL THE END OF THE CORE REAPEARS THE OXIDIZEDS LAYERS (SEE IN THE NEXT SHEET).

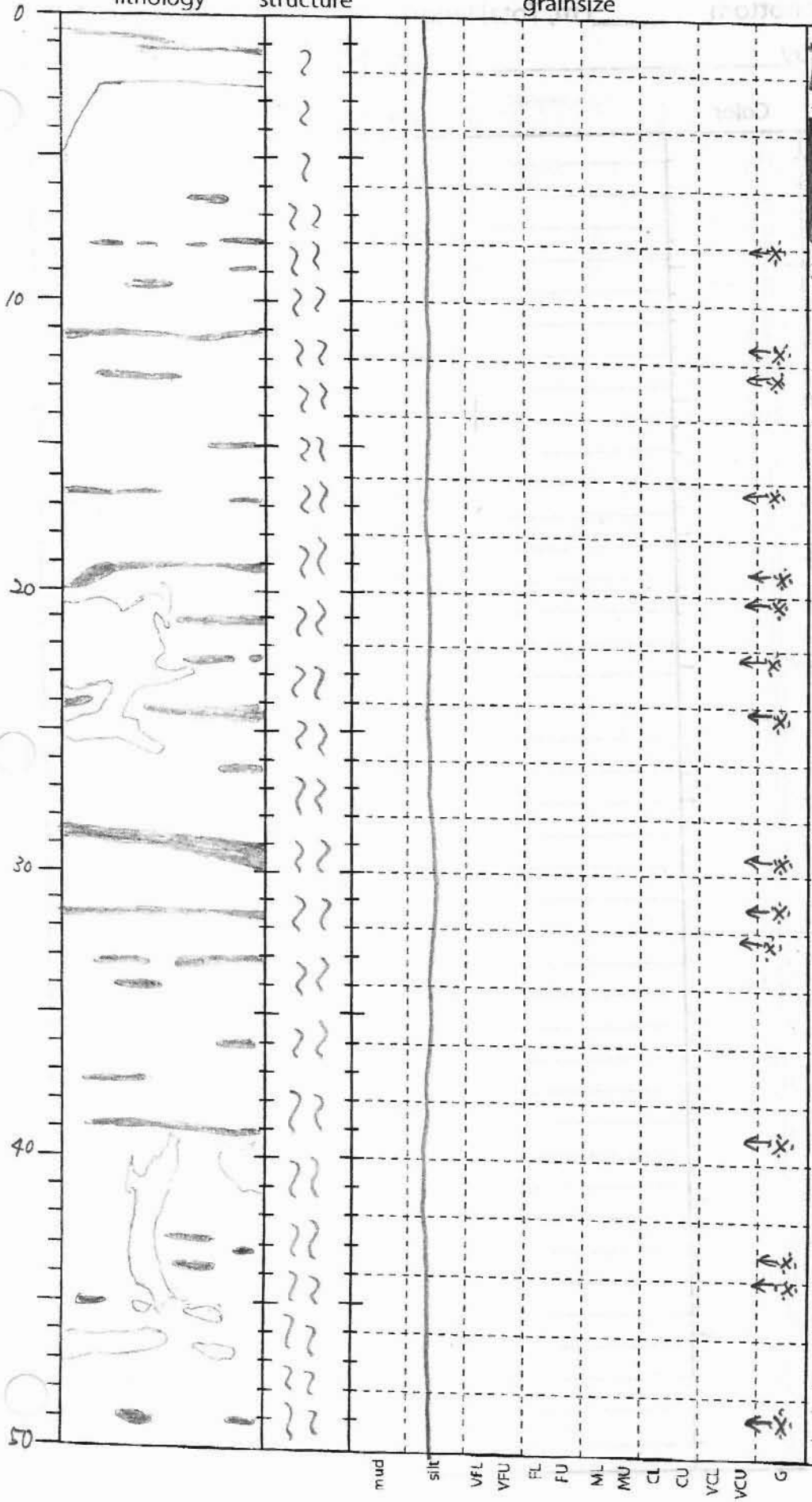
WHITISH SOFT SHAPES (132, 134)

137-139 CM: VERY FINE SAND BANS (BIOTURBATION?)

148-149: VERY FINE SAND BANS (BIOTURBATION?)

RR0705 - 85PC Section No. 1 sheet 1 of 2

Date 05/06/2007 Described by Ken Archive/Working



Top: 2.5YR 4/2 silt

0-2.5cm: 2.5YR 4/2 - 5YR 4/2 silt

2.5-50cm: GLEY1 4/10Y silt with green clayey silt layers, bioturbated, with forams

color becomes darker slightly downward

※ Greenish (GLEY1 4/10GY) layers: 8-8.1, 11-11.5cm, 12.5-12.9, 19.1-19.5, 20.8-21.1, 22.2-22.5, 24.4-24.8, 26.5-26.6, 29-29.7, 31.2-31.5, 33-33.2, 39-39.3, 42.8-43, 43.8-44.1, 48.5-49.5cm

CORE LOG Core No. RR0705-85PC Section No. 1 sheet 2 of 2

Date 05/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50

50-58.5cm: GLEY1 4/10Y silt with forams and greenish clayey silt layer

58-58.2cm: greenish (GLEY1 4/10GY) clayey silt bioturbated

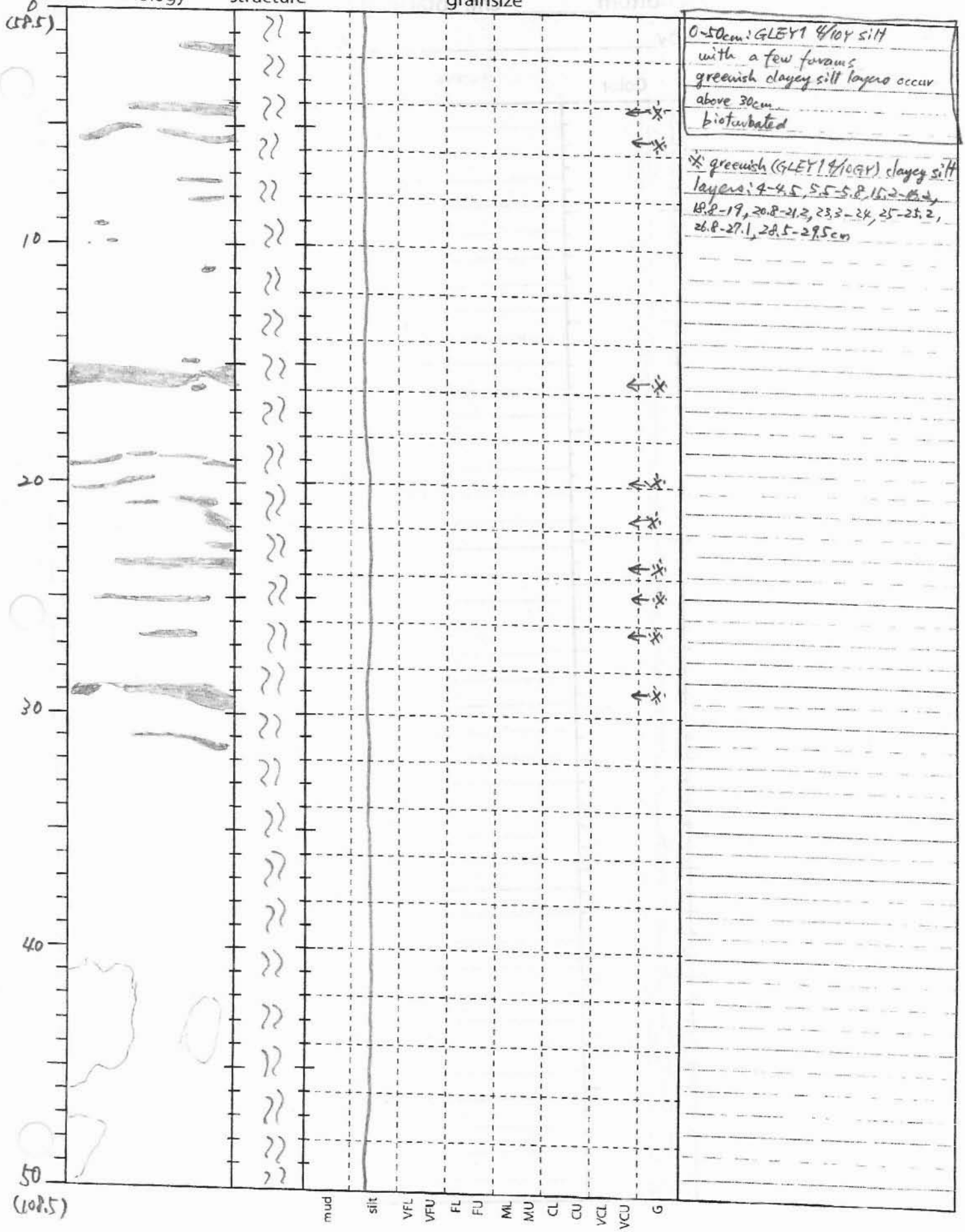
58.5cm

60

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

RR0705-85PC Section No. 2 sheet 1 of 3

Date 05/06/2007 Described by Keu Archive/Working

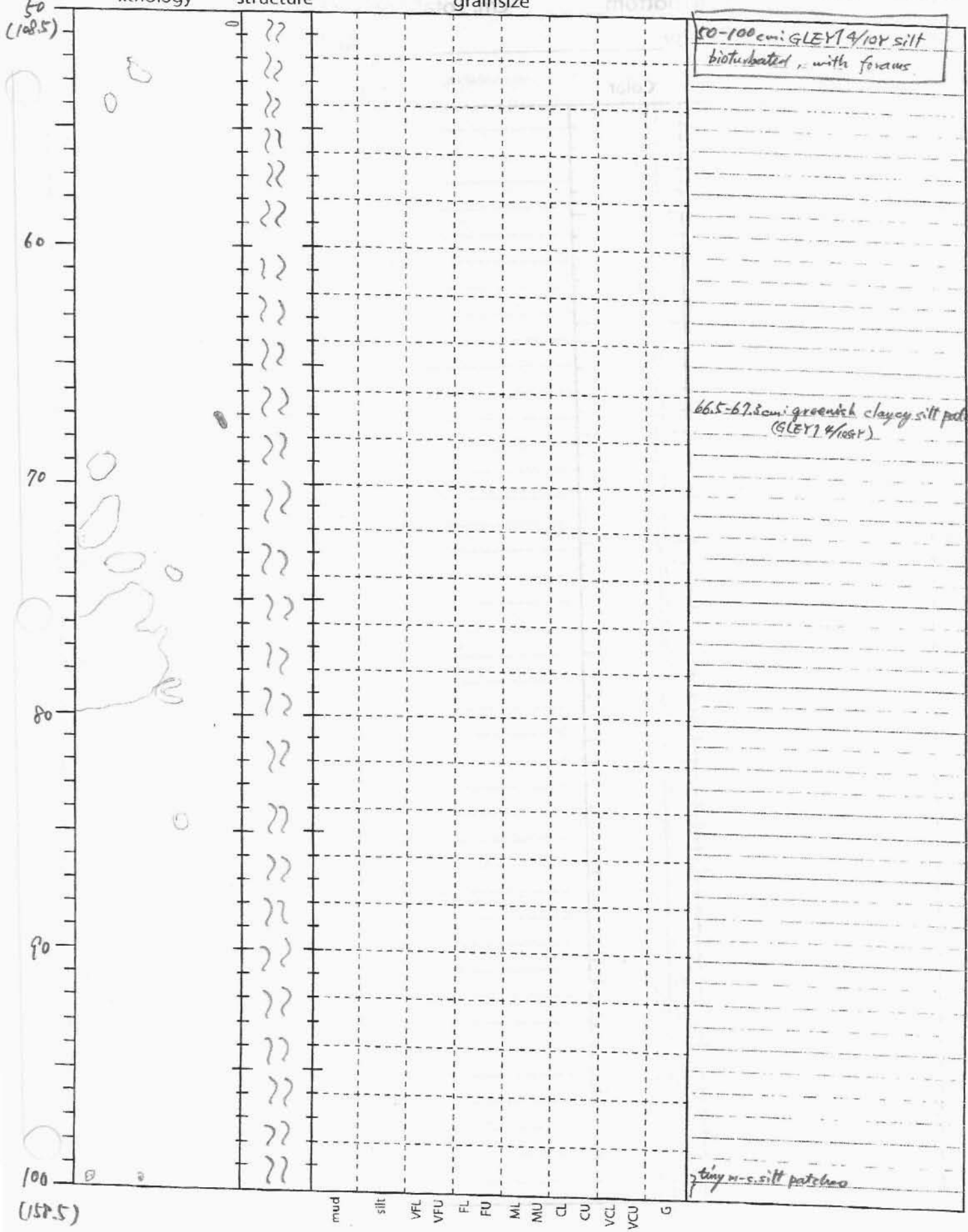


0-50cm: GLEY1 4/10Y silt with a few forams
greenish clayey silt layers occur above 30cm
bioturbated

※ greenish (GLEY1 4/10GY) clayey silt layers: 4-4.5, 5.5-5.8, 15.2-15.4, 18.2-19, 20.8-21.2, 23.3-24, 25-25.2, 26.8-27.1, 28.5-29.5cm

RR0705-85PC Section No. 2 sheet 2 of 3

Date 05/06/2007 Described by Ken Archive/Working



50-100 cm: GLEY1 4/10Y silt, bioturbated, with forams

66.5-67.3 cm: greenish clayey silt patch (GLEY1 4/10GY)

tiny m-s silt patches

RR0705-85PC Section No. 2 sheet 3 of 3

Date 05/06/2007 Described by Ken Archive/Working

lithology structure grainsize

100 (98.5)

110

120

130

140

150 (208.5)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

100-130.5cm: GLEY1 4/10Y silt with foram, bioturbated

tiny m-c. silt patches

gray bioturbated

color boundary: sharp but irregular

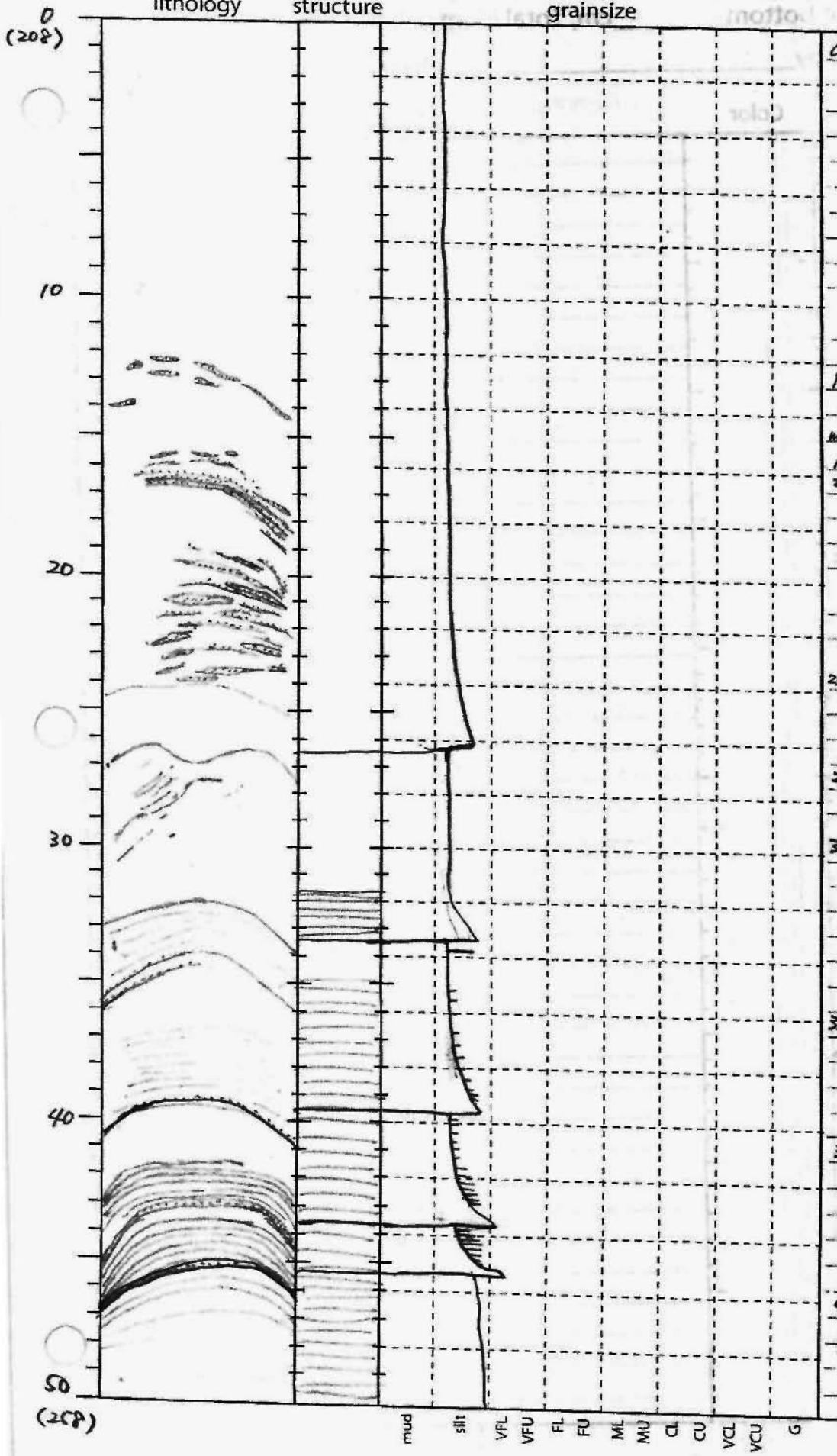
130.5-149.5cm: 5Y 4/1 silt no foram

olive massive

149.5cm (208cm)

RR0705 - 85PC Section No. 3 sheet 1 of 3

Date 05/06/2007 Described by Ken Archive/Working



0-12cm: GLEY1 4/N silt massive no foram

12-23.9cm: GLEY1 4/N silt with thin m-c. silt layers

m-c. silt layers: 12.2, 12.4, 15.8, 15.7, 15.8, 15.9, 16.1, 17.8, 19.1, 19.8, 20, 20.4, 20.6, 20.8, 21.4, 21.6, 21.9, 22.3, 22.6, 23.4, 23.8 cm (not all) layers discontinuous, some are lenticular

23.9-26.2cm: GLEY1 4/N m-c. silt sharp base upper boundary indistinct

26.2-31.7cm: GLEY1 4/N silt with thin m-c. silt layers

31.7-33.3cm: GLEY1 4/N m-c. silt parallel laminated

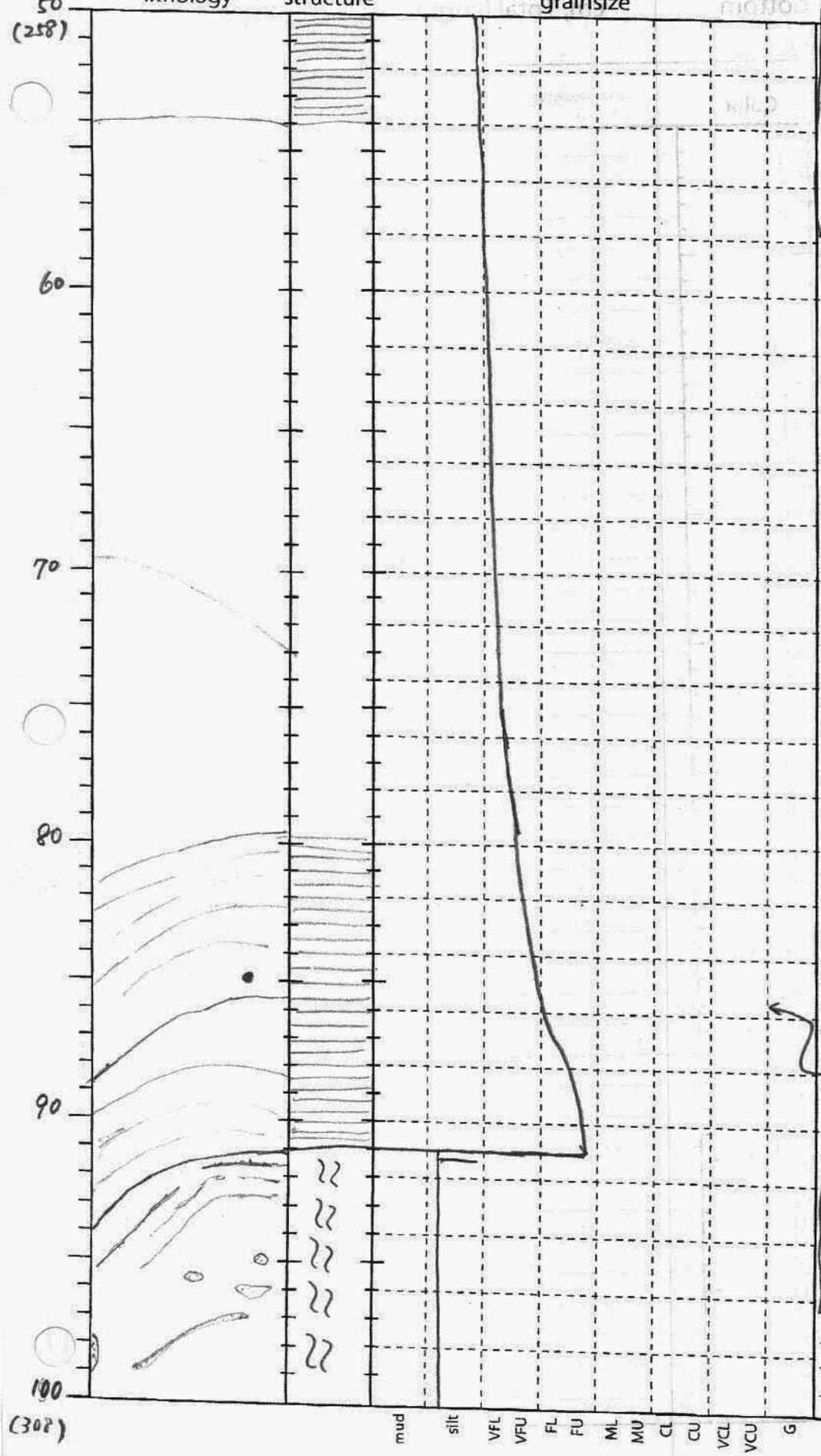
33.3-39.6cm: GLEY1 4/N fine bedded m-c. silt & silt thinning upward

39.6-43.6cm: GLEY1 4/N fine bedded m-c. silt & silt thinning upward

43.6-50cm: GLEY1 4/N c. silt parallel laminated

RR0705-85PC Section No. 3 sheet 2 of 3

Date 05/06/2007 Described by Ken Archive/Working



50-54cm: GLEY1 4/N c.silt
parallel laminated
upward fining

54-80cm: GLEY1 4/N v.f.s
upward fining

GLEY1 3/N
80-91cm: parallel laminated
v.f - f.s.
upward fining
foram bearing
sharp base

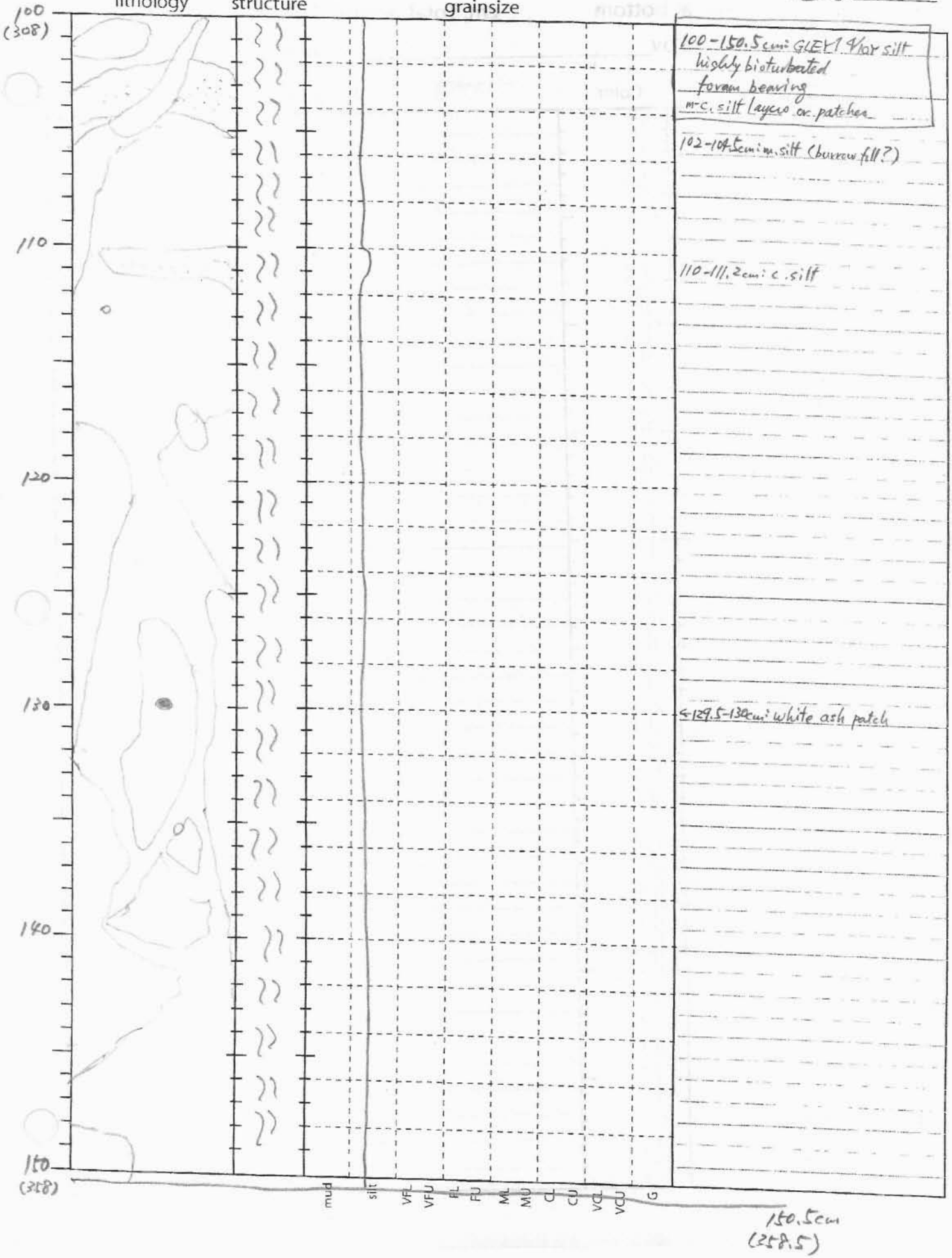
84.5-85cm: plant fragment
86-91cm: foram rich

91-100cm: GLEY1 4/10Y silt
highly bioturbated
foram bearing
c.silt layers and patches

91.3cm: c.silt layer

RR0705-85PC Section No. 3 sheet 3 of 3

Date 05/06/2007 Described by Ken Archive/Working



100-150.5cm: GLEY1 4/5gr silt
highly bioturbated
foram bearing
m-c. silt layers or patches

102-104.5cm: m. silt (burrow fill?)

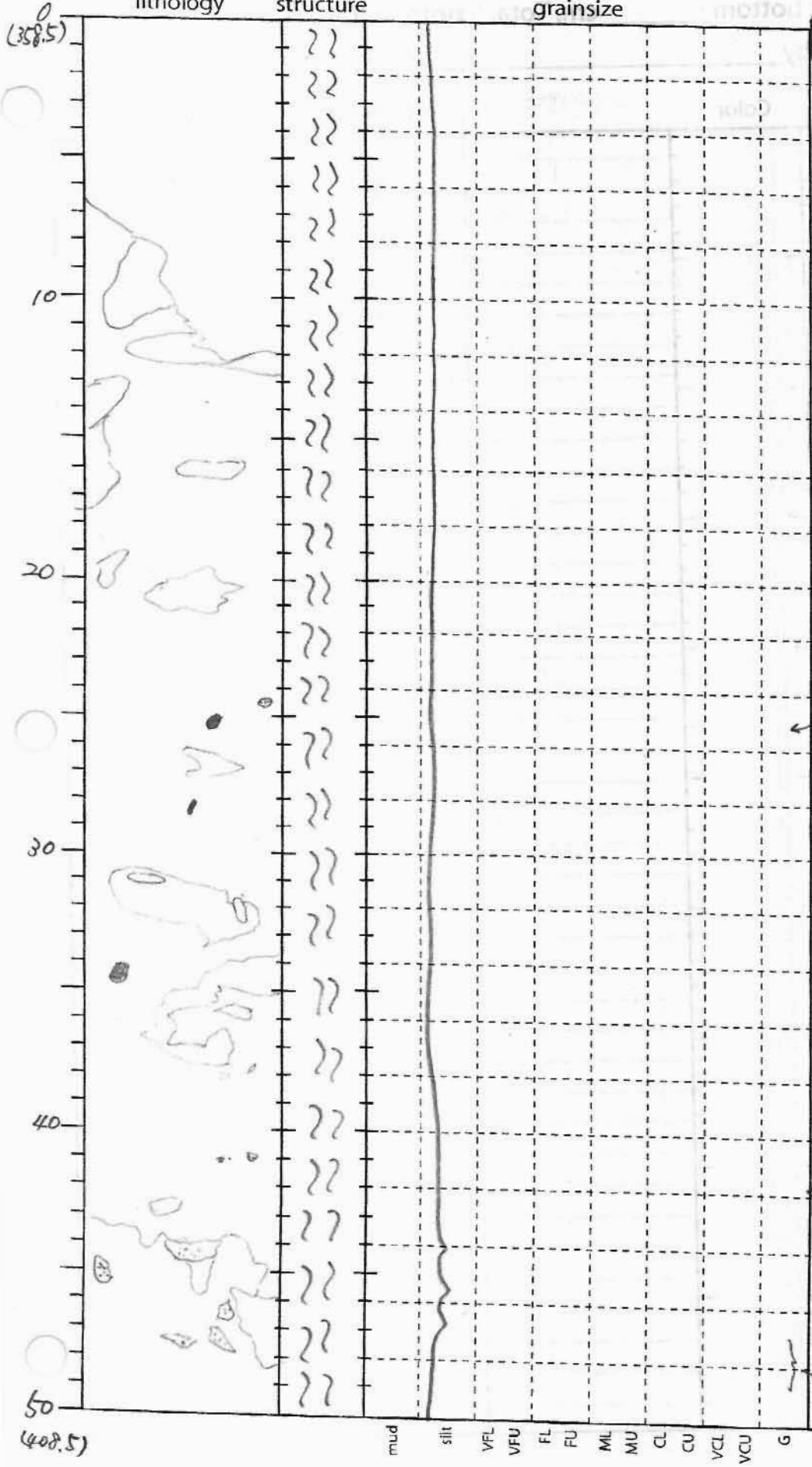
110-111.2cm: c. silt

~129.5-130cm: white ash patch

150.5cm
(258.5)

RR0705-8PC Section No. 4 sheet 1 of 3

Date 05/06/2007 Described by Ken Archive/Working



0-50cm: GLEY1 4/10Y - 4/10GY silt
highly bioturbated
foram bearing
with green hard patches and c.silt-v.f.s patches

c.silt patch

25-25.5cm: Green (GLEY1 4/10GY)
semiconsolidated patch

28.5-29cm: pumice (~6mm ϕ)
subangular

34-35.1cm: Green (GLEY1 4/10GY)
semiconsolidated patch

c.silt patches

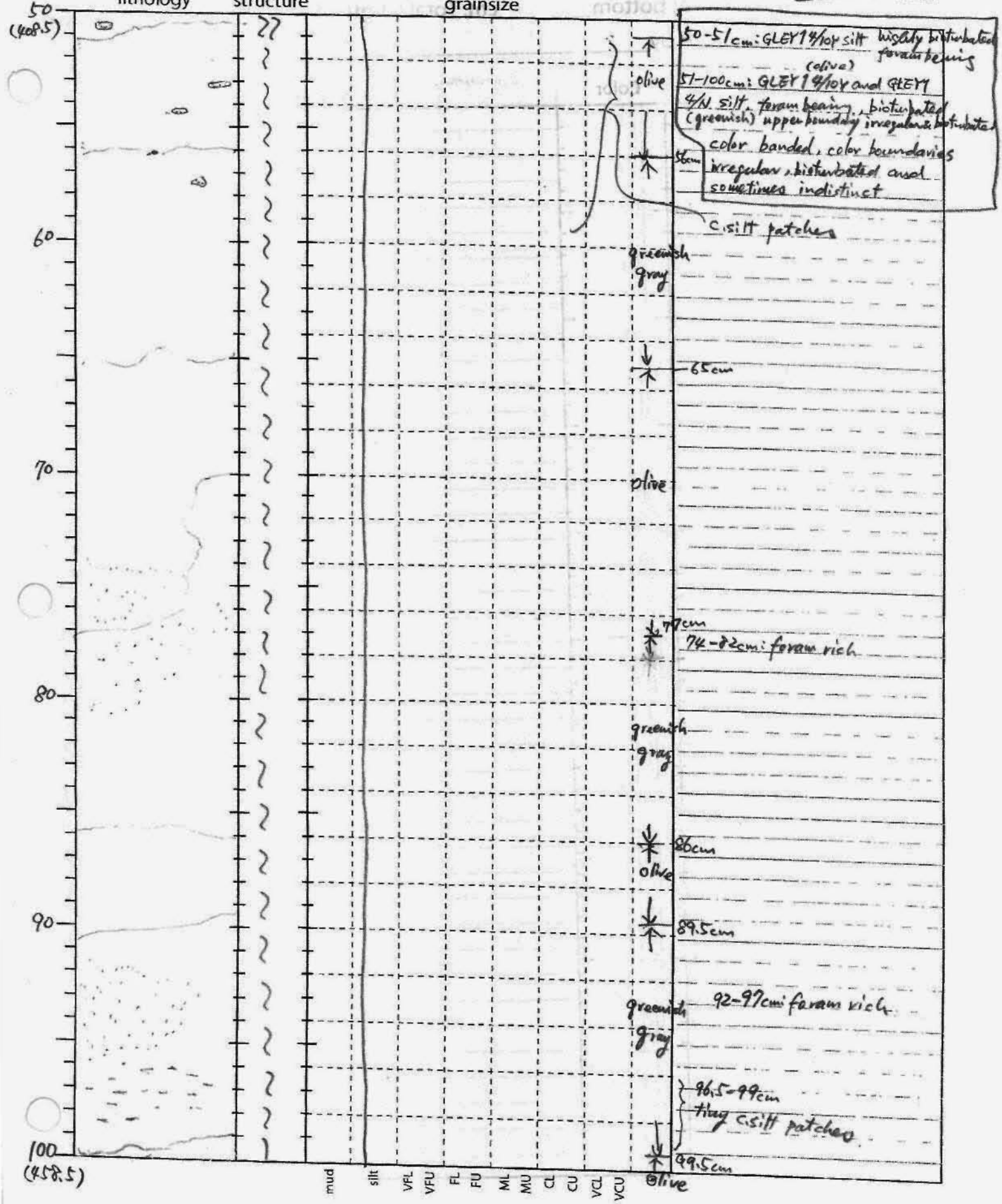
48.9-49.0cm: black (GLEY1 3/10Y) c.silt patch (burrow fill)

48.5-48.5cm: gray (GLEY1 4/N) v.f.s patch

v.f.s-c.silt patches

RR0705-85PC Section No. 4 sheet 2 of 3

Date 05/06/2007 Described by Ken Archive/Working



RR0705-85PC Section No. 4 sheet 3 of 3

Date 05/06/2007 Described by Ken Archive/Working

lithology structure grainsize

100 (4585)

110

120

128

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

olive

greenish gray

100-128cm: GLEY 1 4/10Y (olive) and GLEY 1 4/N (greenish gray) silt foram bearing, bioturbated color banded, boundaries irregular, bioturbated

108cm

107-109cm: foram rich

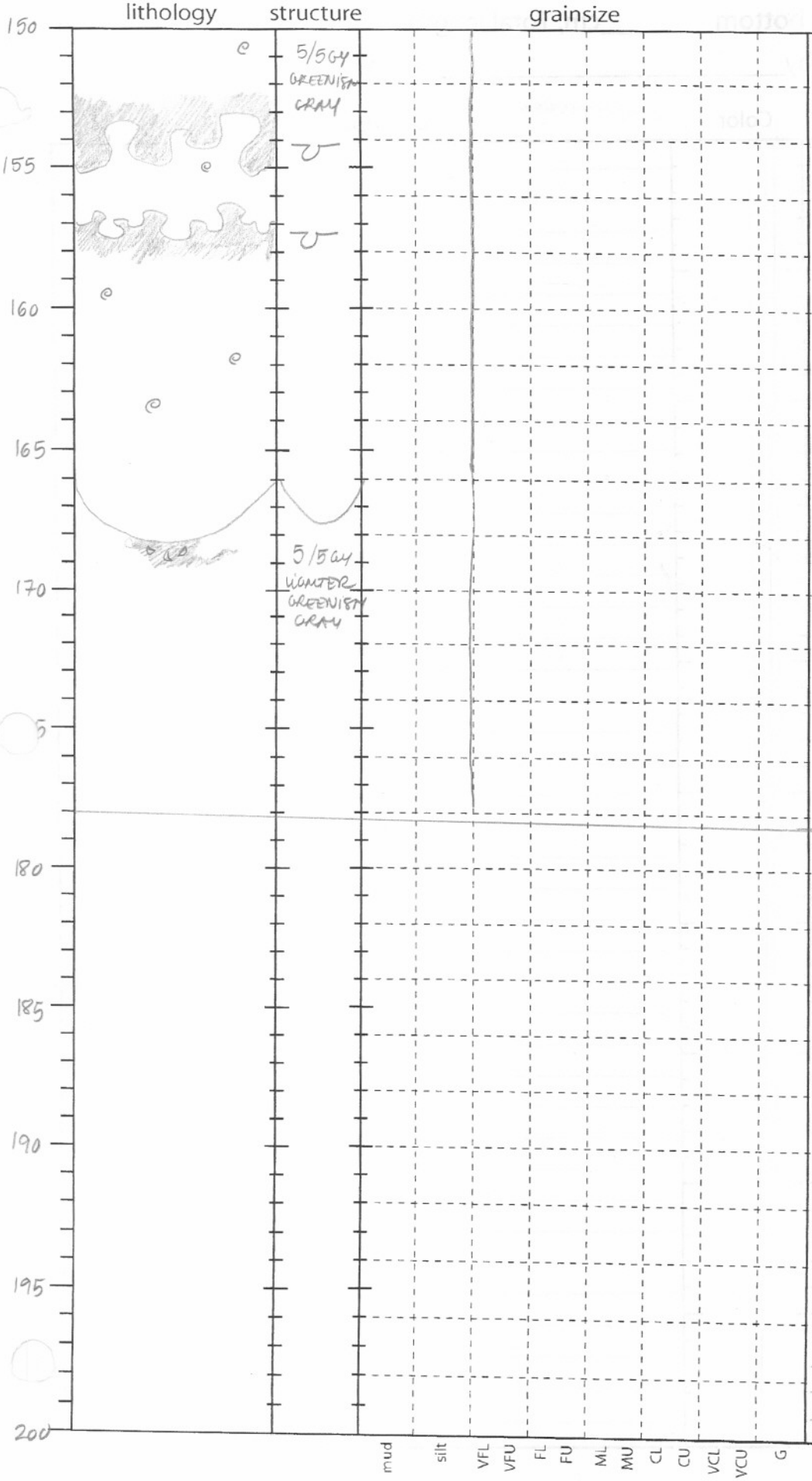
tiny c. silt patches (111-117cm)

tiny c. silt patches (120.5-127cm)

128cm (486.5cm)

CORE LOG Core No. RR0705-85PC Section No. 2/2 sheet 4 of 4

Date 05/06/07 Described by ZORAIDA Archive/Working



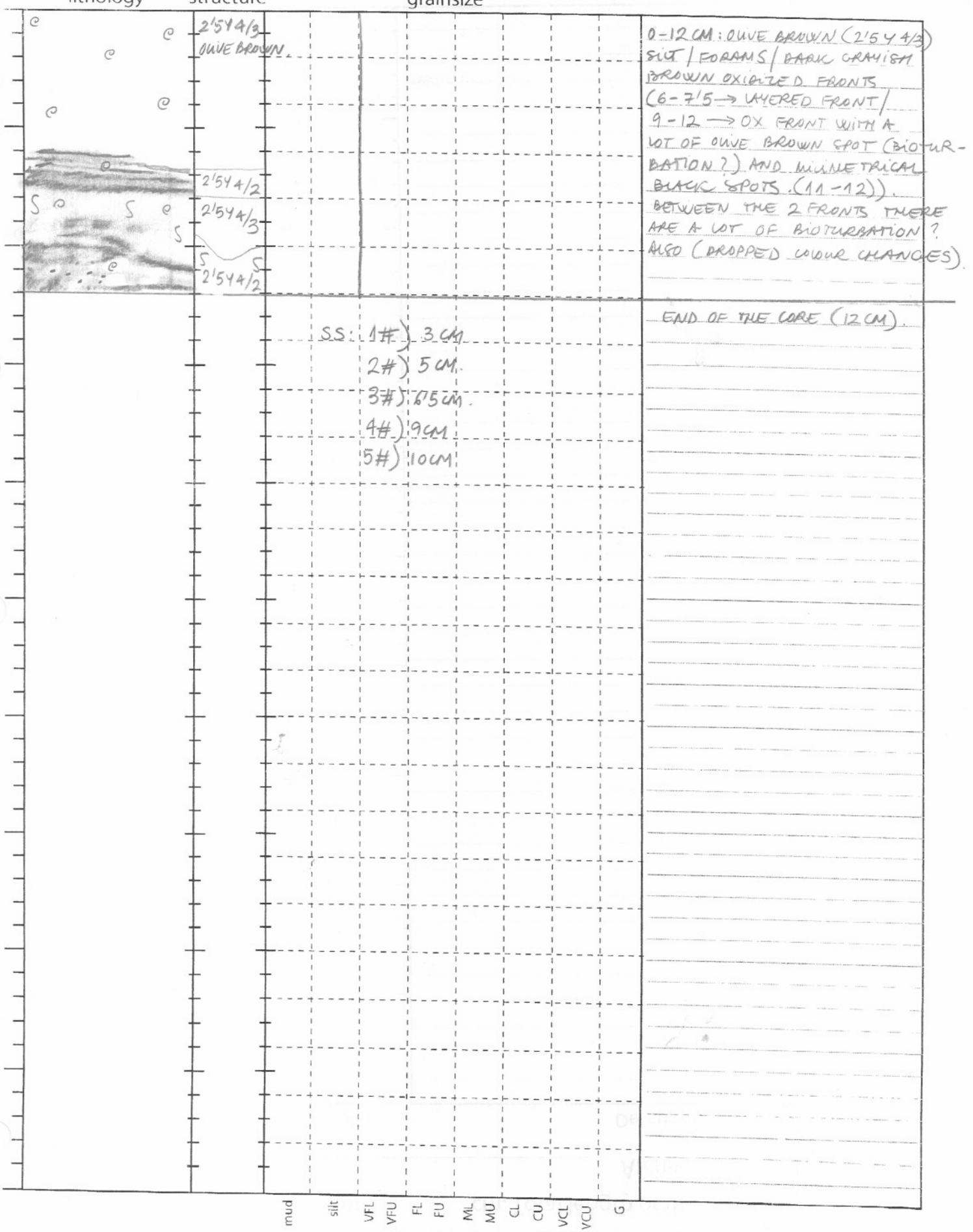
150 - 166 CM: APPEAR MORE LAYER OF BROWNISH OXIDATION THAT SHOWS THE BURROWS STRUCTURES. THERE IS STIL AN A LOW AMOUNT OF FORAMS AND SOME WHITISH SOFT SNAPPE, SILT GRAINSIZE

166 - AT THE END: LIGHT GREENISH GRAY SILT LAYER WITH AN UPPER BOUNDARY CHARACTERIZED FOR A SHARP COLOUR CHANGE FROM GREENISH GRAY ABOVE TO A LIGHTER GREENISH GRAY BELOW. IN THE TOP THERE IS A YELLOW-BROWNISH OXIDIZED LENT WHERE ARE BIOCLASTIC FRAGMENTS?

END OF THE CORE 178 CM.

CORE LOG Core No. RR0705-86MC Section No. TUBE 1 (12 CM) sheet 1 of 1

Date 08/06/07 Described by ~~ZORAIDA~~ Archive/Working



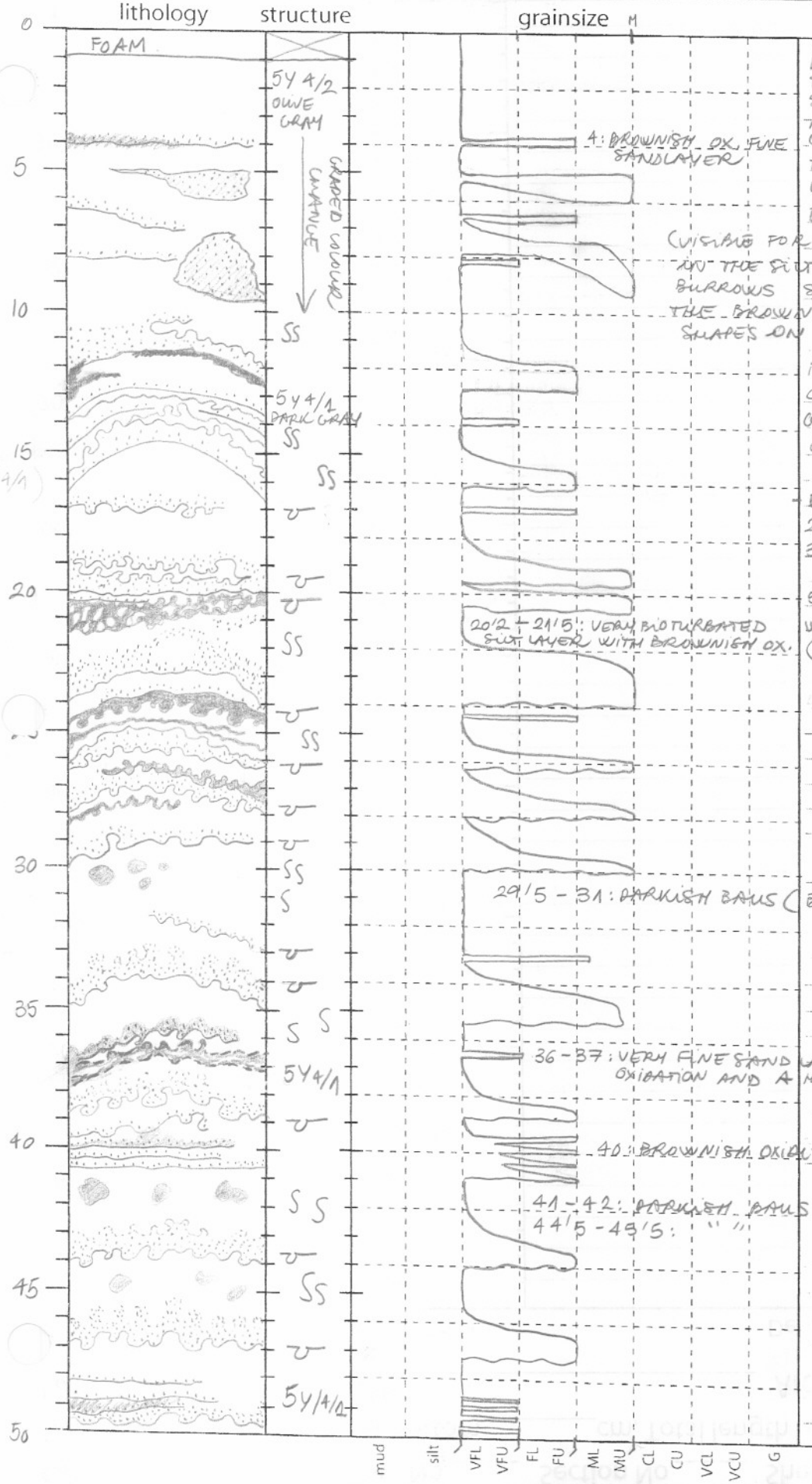
0-12 CM: OLIVE BROWN (2'5Y 4/3) SILT / FORAMS / DARK GRAYISH BROWN OXIDIZED FRONTS (6-7'5 → LAYERED FRONT / 9-12 → OX FRONT WITH A LOT OF OLIVE BROWN SPOT (BIOTURBATION?) AND MILLIMETRICAL BLACK SPOTS. (11-12)). BETWEEN THE 2 FRONTS THERE ARE A LOT OF BIOTURBATION? ALSO (DROPPED COLOUR CHANGES).

END OF THE CORE (12 CM).

SS: 1#) 3 CM
2#) 5 CM.
3#) 6'5 CM.
4#) 9 CM
5#) 10 CM

CORE LOG Core No. RR0705-87TC1 Section No. 1 OF 1 (0-77 CM) sheet 1 of 2

Date 06/05/07 Described by ZORAIDA Archive/Working



IN THIS PART OF THE SECTION THERE ARE A LOT OF DIF GRAINSIZE SAND LAYERS AND THE TREND IS ~~A DECREASING DOWNWARD~~ GRAINSIZE SAND LAYERS; GROWNING THE AMOUNT OF BROWNISH OXIDIZED LAYERS. THERE IS A LOT OF BIOTURBATION IN THE SAND LAYERS (VISIBLE FOR THE PRESENCE OF SILT BALLS) AND IN THE SILT LAYERS, SHOW IT FOR THE BURROWS STRUCTURES THAT APPEARS ON THE BROWNISH OXIDIZED LAYERS (BURROWS SHAPES ON THESE BOUNDARIES).

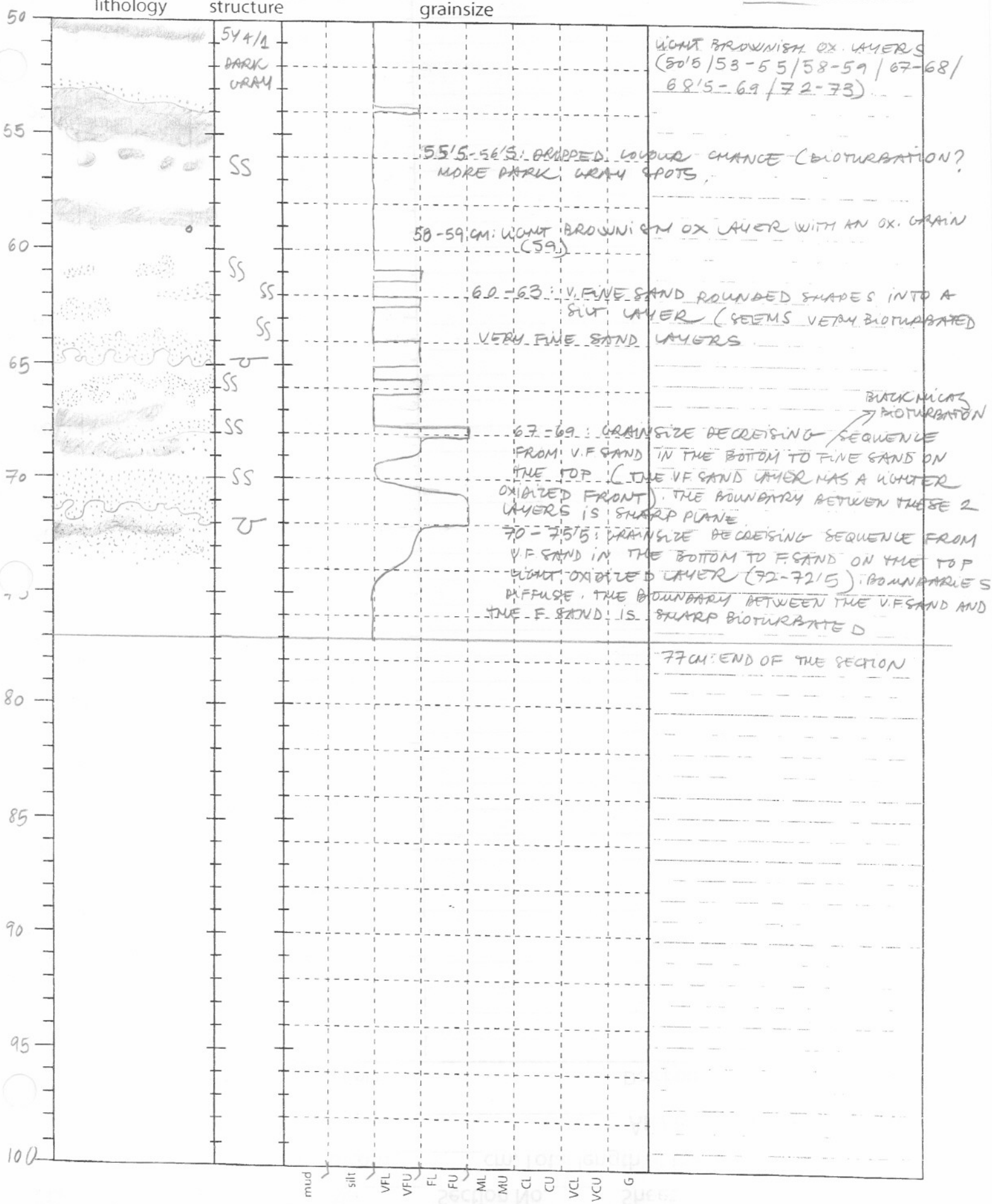
IN THE FIRST 15 CM: GRADED COLOUR CHANGE FROM OLIVE GRAY (5Y 4/2) TO DAR GRAY (5Y4/1) ON THE BOTTOM.

~~BROWNISH~~ OXIDIZED LAYERS (11/5 - 13/20 - 21/5 / 24/9 - 25/9 / 26 - 28/2 / 35/5 - 38 / 40.)

5-6/7-9/5 → 49: MEDIUM SAND LAYERS WITH A BLACKISH COLOURATION. (THIS LAYERS HAVE A BALL SHAPE).

CORE LOG Core No. RR0705-87TC Section No. 1 sheet 2 of 2

Date 07/05/07 Described by ZORAIDA Archive/Working



LIGHT BROWNISH OX. LAYERS (50'5/53-55/58-59/67-68/68'5-69/72-73)

55'5-56'5: BRIPPED. COLOUR CHANGE (BIOTURBATION? MORE DARK GRAY SPOTS.

58-59 CM: LIGHT BROWNISH OX LAYER WITH AN OX. GRAIN (59)

60-63: V. FINE SAND ROUNDED SHADES INTO A SILT LAYER (SEEMS VERY BIOTURBATED VERY FINE SAND LAYERS

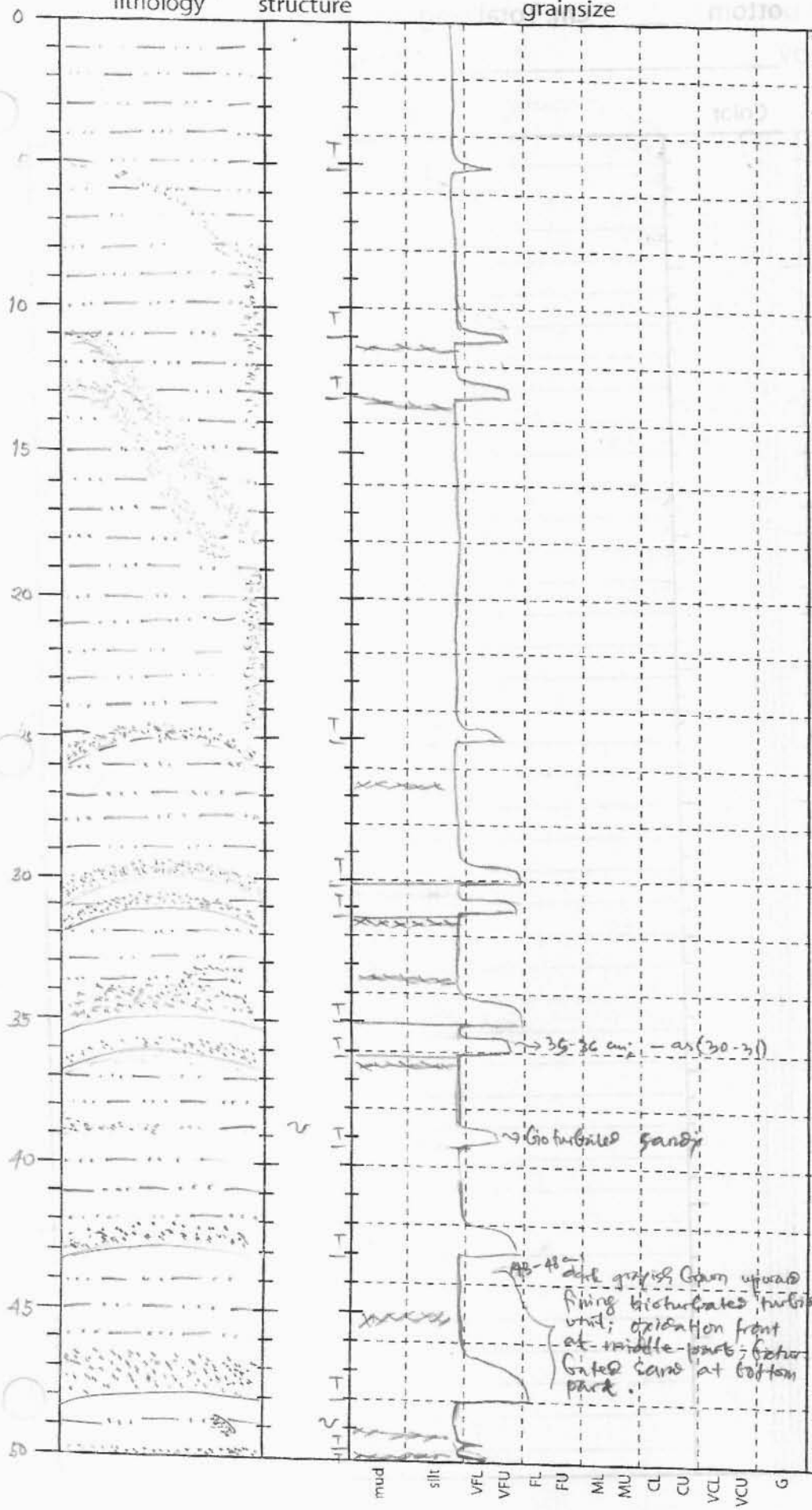
67-69: GRAINSIZE DECREASING SEQUENCE FROM V.F SAND IN THE BOTTOM TO FINE SAND ON THE TOP (THE V.F SAND LAYER HAS A LIGHTER OXIDIZED FRONT). THE BOUNDARY BETWEEN THESE 2 LAYERS IS SHARP PLANE → BIOTURBATION

70-72'5: GRAINSIZE DECREASING SEQUENCE FROM V.F SAND IN THE BOTTOM TO F.SAND ON THE TOP LIGHT OXIDIZED LAYER (72-72'5). BOUNDARIES DIFFUSE. THE BOUNDARY BETWEEN THE V.F SAND AND THE F. SAND IS SHARP BIOTURBATED

77 CM: END OF THE SECTION

RR0705 - 87 PC section No. 1 of 4 sheet 1 of

Date 06 JUNE 07 Described by SAPTA Archive/Working



0 - 50 : in generally dark grayish brown muddy silt with oxidized VF sand layers.

0-5 cm: dark grayish brown muddy silt

5 cm : dark grayish brown VF sand layer,

5-11 cm: dark grayish brown muddy silt,

11 cm : 10YR 3/2 → very dark grayish brown oxidated VF sand turbidite, upward fining

13 cm : — as above —

13 - 24 cm: 25Y 4/2 → dark grayish brown sandy-silt bioturbated turbidite,

25 - 24 cm: dark grayish upward-fining sand turbidite, (as one unit turbidite with mention above) (borrow at bottom part.

25 - 30 cm: dark grayish brown upward fining (VFsand — muddy silt) turbidite, dark brown oxidation front at top part, bioturbated at middel - top part,

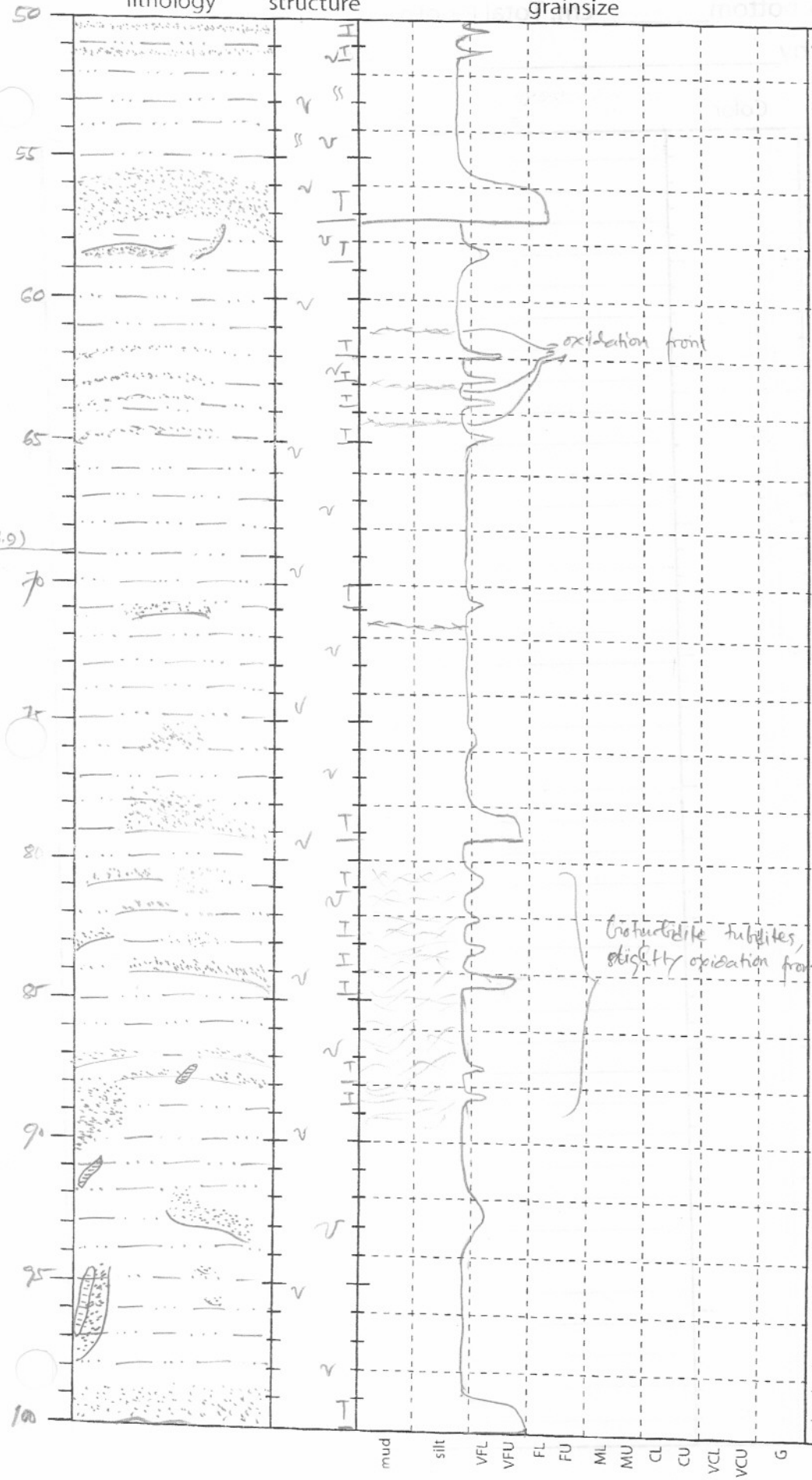
30 - 31 cm: dark grayish brown upward - fining turbidite,

31 - 35 cm: dark grayish brown upward-fining turbidite; dk brn oxidation front at top & middle part; rich in quarz & mica, bioturbated mud through the sand layer.

36 - 43 cm: dark gray upward-fining bioturbated turbidite, oxidation front at top unit, bioturbate / borrow mud at sand (bottom part) rich in quarz & mica at bottom part,

RR0705-87PC Section No. 1 & 2 of 4 sheet 2 of

Date 06 JUNE 07 Described by SAPTA Archive/Working



48-52 cm ; probably there are 4 small turbidites unit, oxidation front at middle-top part,

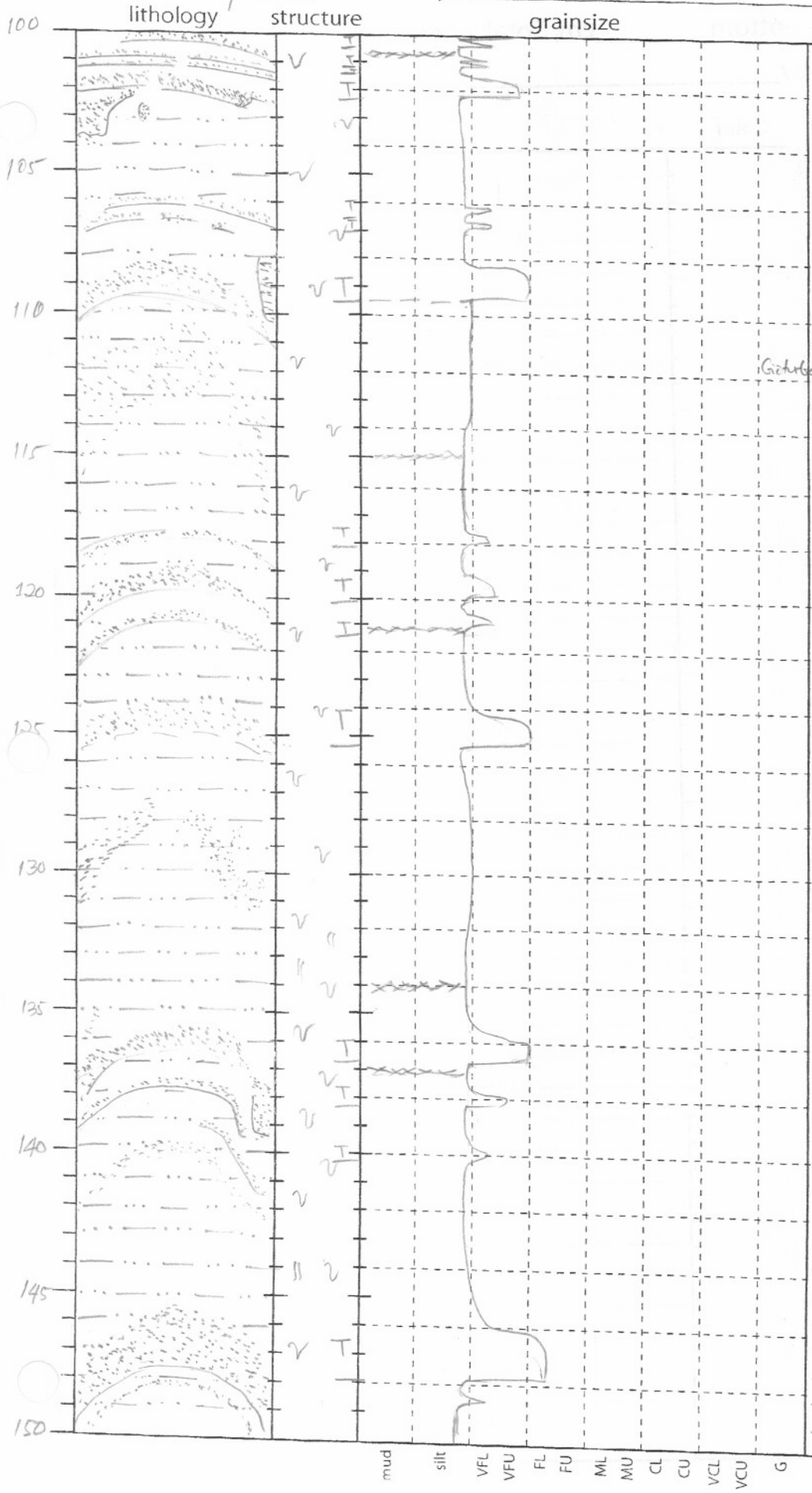
52-57 cm. dark gray bioturbated turbidite unit, upward fining, borrow scars at bottom part,

57-65 cm ; dark gray bioturbated silt turbidites unit, oxidation layers at bottom part

65-100 cm ; dark gray bioturbated turbidites unit, slightly oxidation at top and also middle part; (80-90); borrows mud,

RR0705-87 PC Section No. 2 of 4 sheet 3 of 11

Date 06 JUNE 07 Described by SAPTA Archive/Working



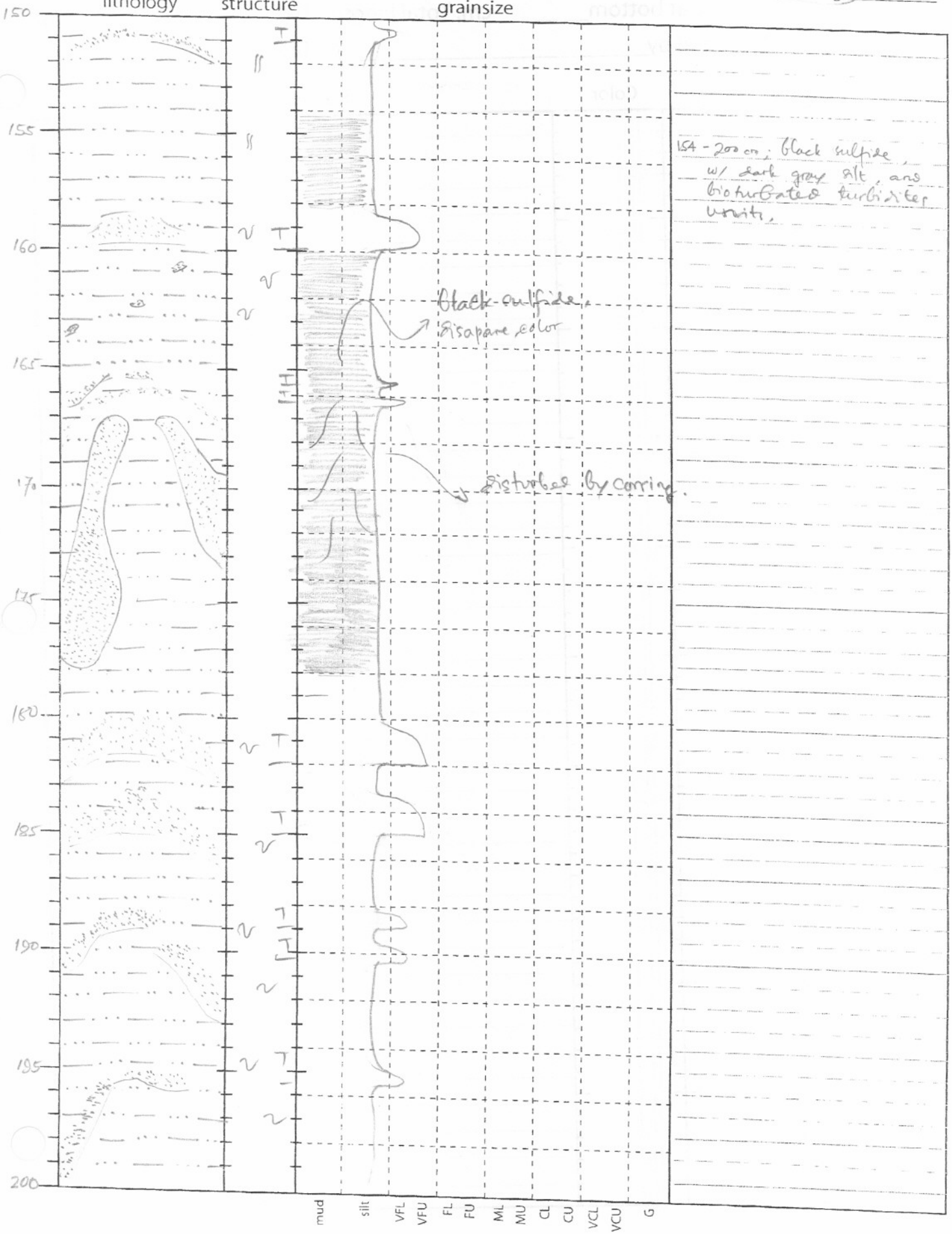
100 - 110cm : dark gray bioturbated silt-sand turbidites; oxidation front at top and bottom part.

110 - 125 cm : dark gray bioturbated silt sand turbidites; Gioturbated mix silt - sand at top part, slightly oxidation fronts at 115 & 121;

125 - 147 cm : dark gray bioturbated silt sand turbidites; Gioturbated mix silt - sand at top part;

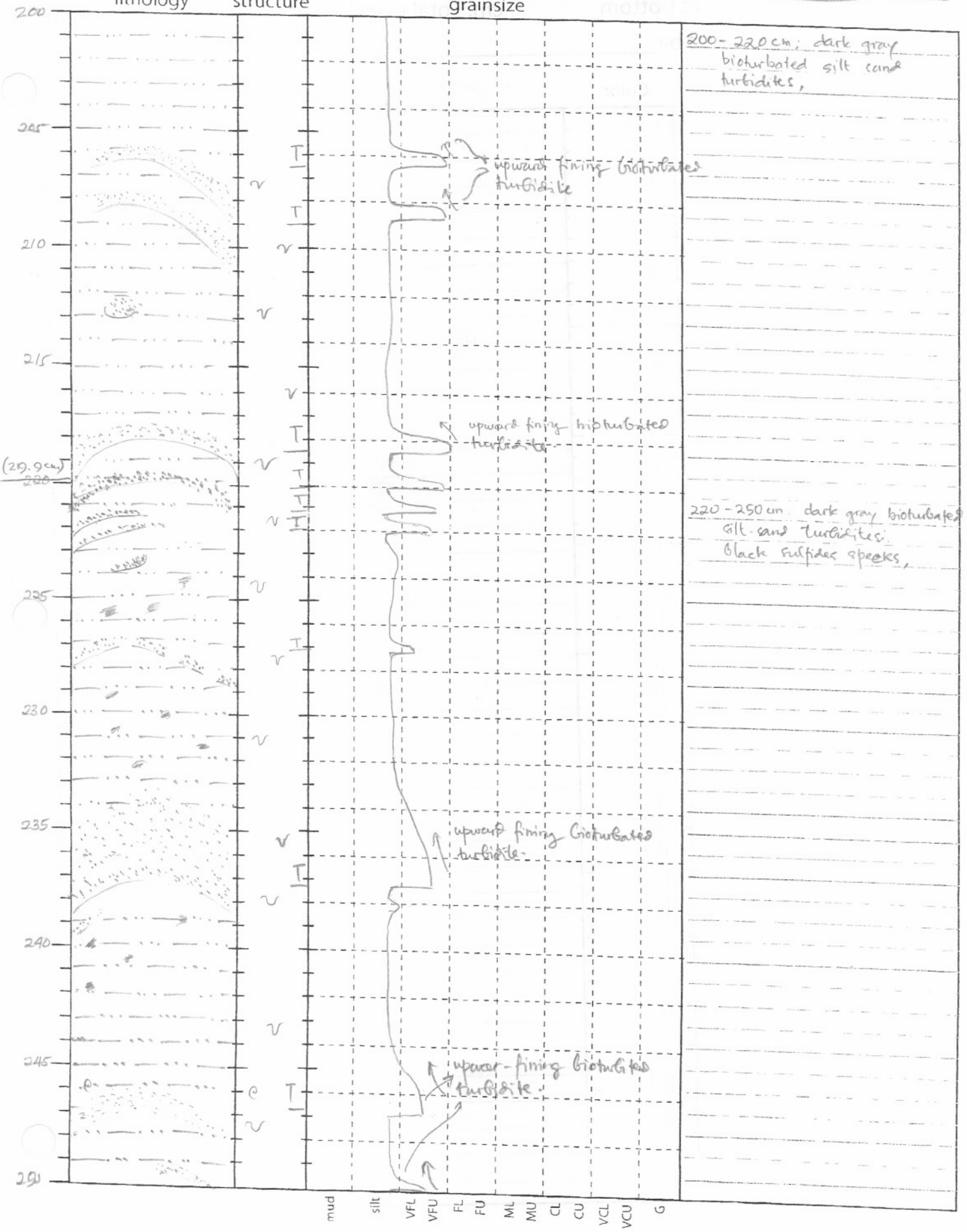
RR0705 - 87 Pc Section No. 2 of 4 sheet 4 of 11

Date 06 JUNE 07 Described by SAPTA Archive/Working



RR0705 - 87 PC Section No. 2 & 3 of 4 sheet 5 of 11

Date 06 JUNE 07 Described by SAPTA Archive/Working



RR0705-87PC Section No. 3 of 4 sheet 6 of 11

Date 06 JUNE 07 Described by SAPTA Archive/Working

lithology structure grainsize

250
255
260
265
270
275
280
285
290
295
300

bioturbated silt sand turbidite

turbidite mud silt,
bioturbation,
black sulfide spots,
gas bubbles (probably biogenic gas)

pale gray sand turbidite.

turbidite mud-silt,
bioturbation, burrows (266, 272)
black sulfide spots,
gas bubbles (probably biogenic gas)

dark gray sand bioturbated turbidite

bioturbated silt

turbidite mud-silt

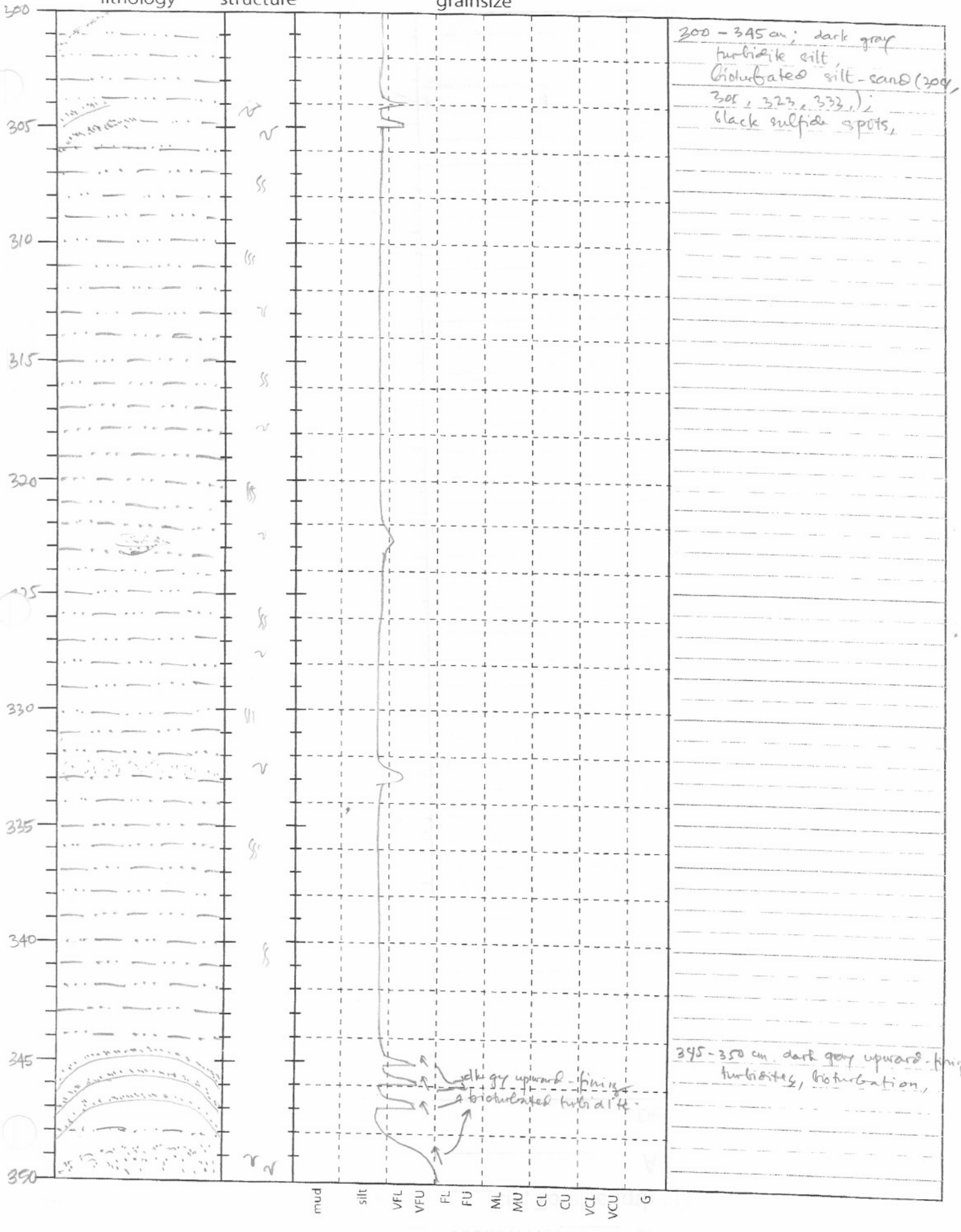
bioturbated turbidite,
rich in quartz & mica

bioturbated silt.

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-87PC Section No. 3 of 4 sheet 7 of 11

Date 06 JUNE 07 Described by SAPTA Archive/Working

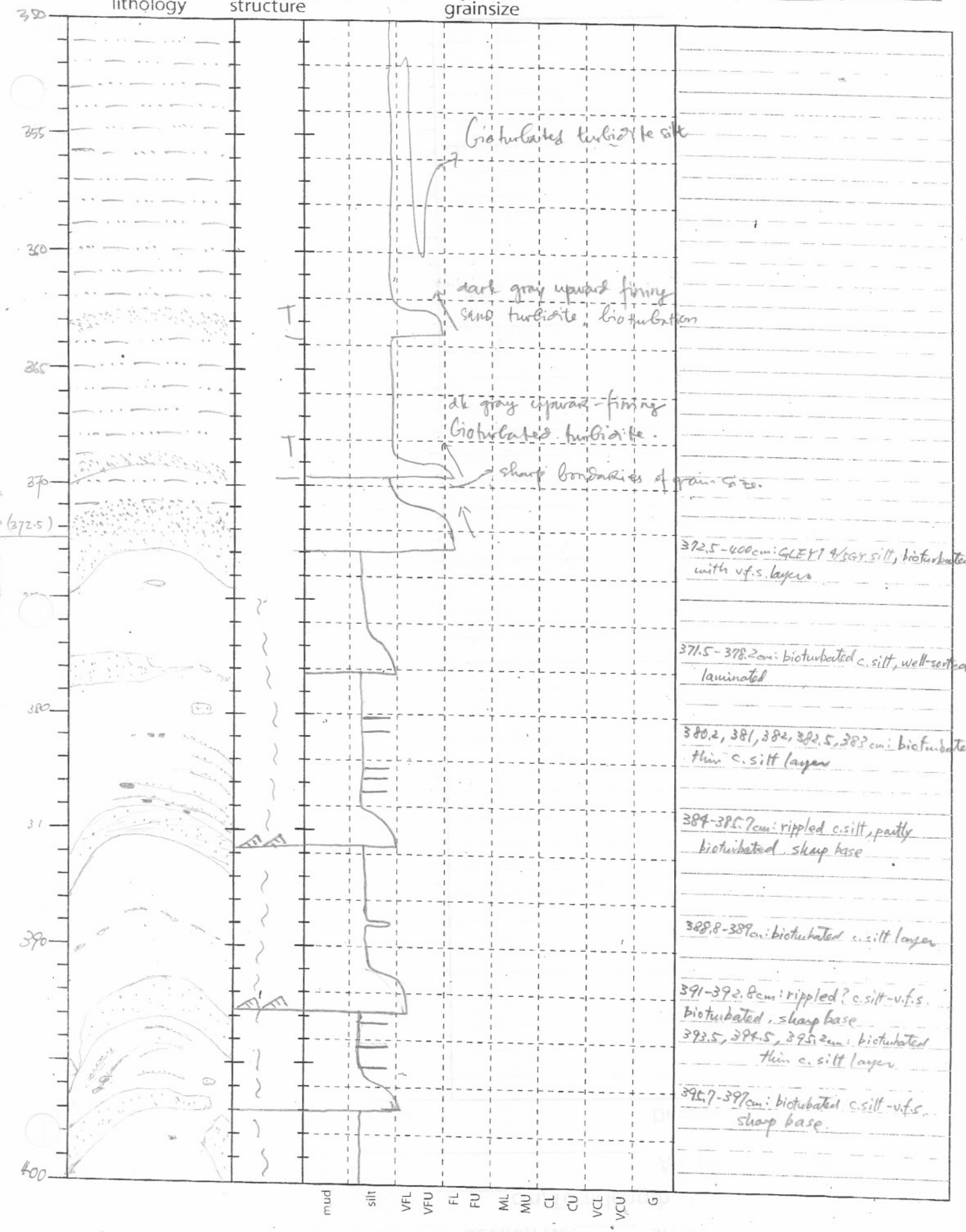


300 – 345 cm: dark gray turbidite silt, bioturbated silt-sand (304, 305, 323, 333), black sulfide spots,

345 – 350 cm dark gray upward-fining turbidites, bioturbation,

Core No. RR0705 - 87PC Section No. 3 of 4 sheet 8 of 11

Date 06 JUNE 07 Described by CAPTA Archive/Working



372.5-400cm: GLEY1 4/5GY silt, bioturbated with v.f.s. layers

371.5-378.2cm: bioturbated c. silt, well-sorted laminated

380.2, 381, 382, 382.5, 383 cm: bioturbated thin c. silt layers

384-385.7cm: rippled c. silt, partly bioturbated, sharp base

388.8-389cm: bioturbated c. silt layer

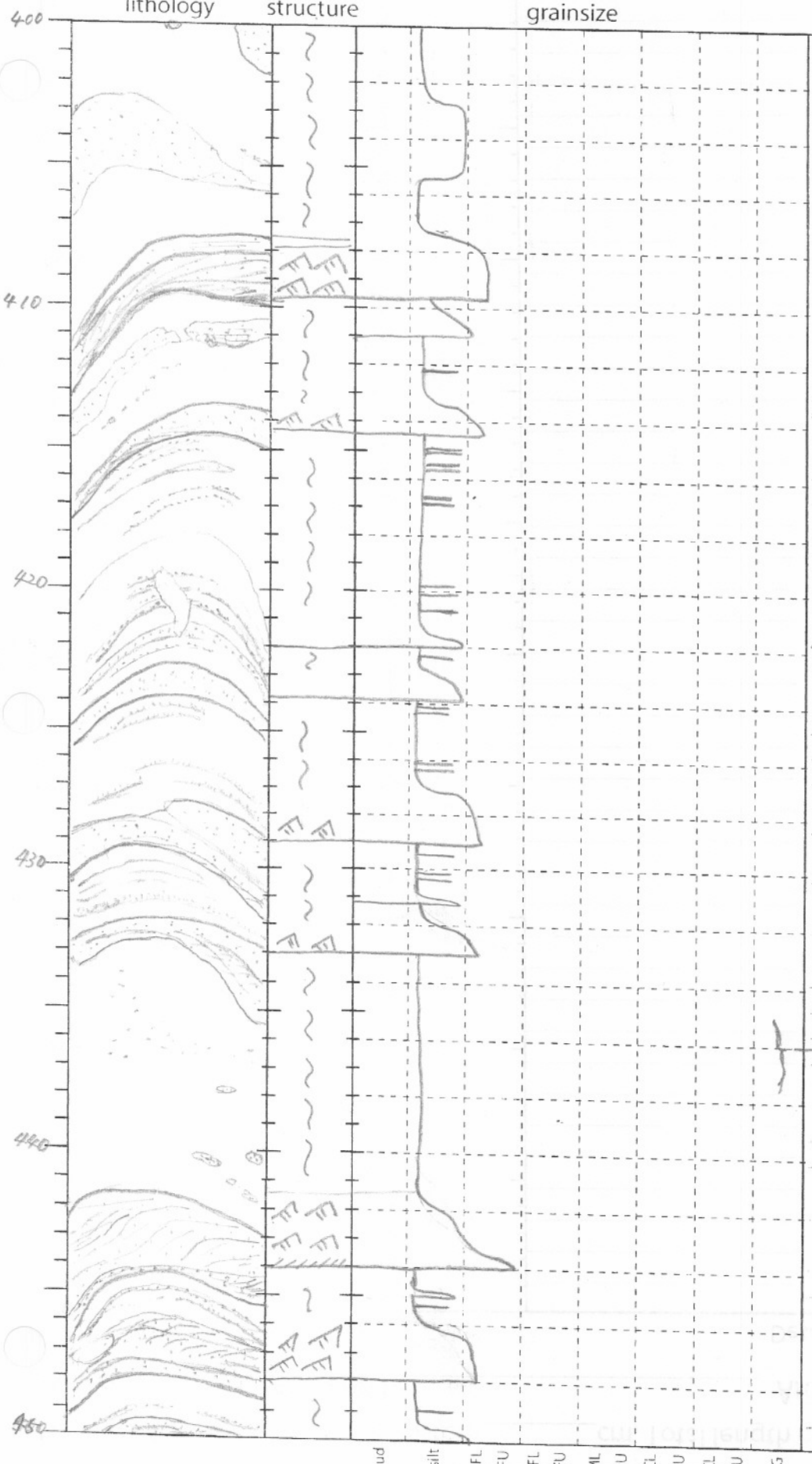
391-392.8cm: rippled? c. silt-v.f.s. bioturbated, sharp base

393.5, 394.5, 395.2cm: bioturbated thin c. silt layers

395.7-397cm: bioturbated c. silt-v.f.s. sharp base

CORE LOG Core No. RR0705-87PC Section No. 4 sheet 9 of 11

Date 06/06/2007 Described by Ken Archive/Working



400-450cm: GLEY1 4/5GY silt bioturbated with c.silt-v.f.s layers

402.6-405.5cm: c.silt bioturbated

407.2-409.7cm: rippled v.f.s partly bioturbated, sharp base

410.3-411cm: parallel laminated ? bioturbated v.f.s. bioturbated base gradual top

412.2cm: bioturbated thin c.silt layer

413.5-414.2cm: rippled v.f.s partly bioturbated, sharp base

414.8, 415, 415.5, 415.8, 416.8, 417cm: c.silt thin layer

418.4, 418.9cm: black lamina

419.9, 420.1, 420.7cm: c.silt thin layer, bioturb.

421.5-422cm: c.silt sharp base

422.6cm: c.silt thin layer, bioturb.

422.7-423.9cm: c.silt bioturbated

424.2, 424.5cm: c.silt thin layer bioturb.

426.2, 426.5cm: c.silt thin layer, bioturb.

427-429cm: rippled v.f.s. sharp base partly bioturbated

429.6, 430.1, 430.4cm: c.silt thin layer bioturb.

430.8-431.1cm: c.silt

432-433cm: rippled v.f.s. sharp base upward fining partly bioturbated

tiny c.silt patches

441.5-444cm: upward fining rippled v.f.s-c.silt sharp base & top

445-445.2cm: c.silt-v.f.s.

445.9cm: c.silt bioturbated

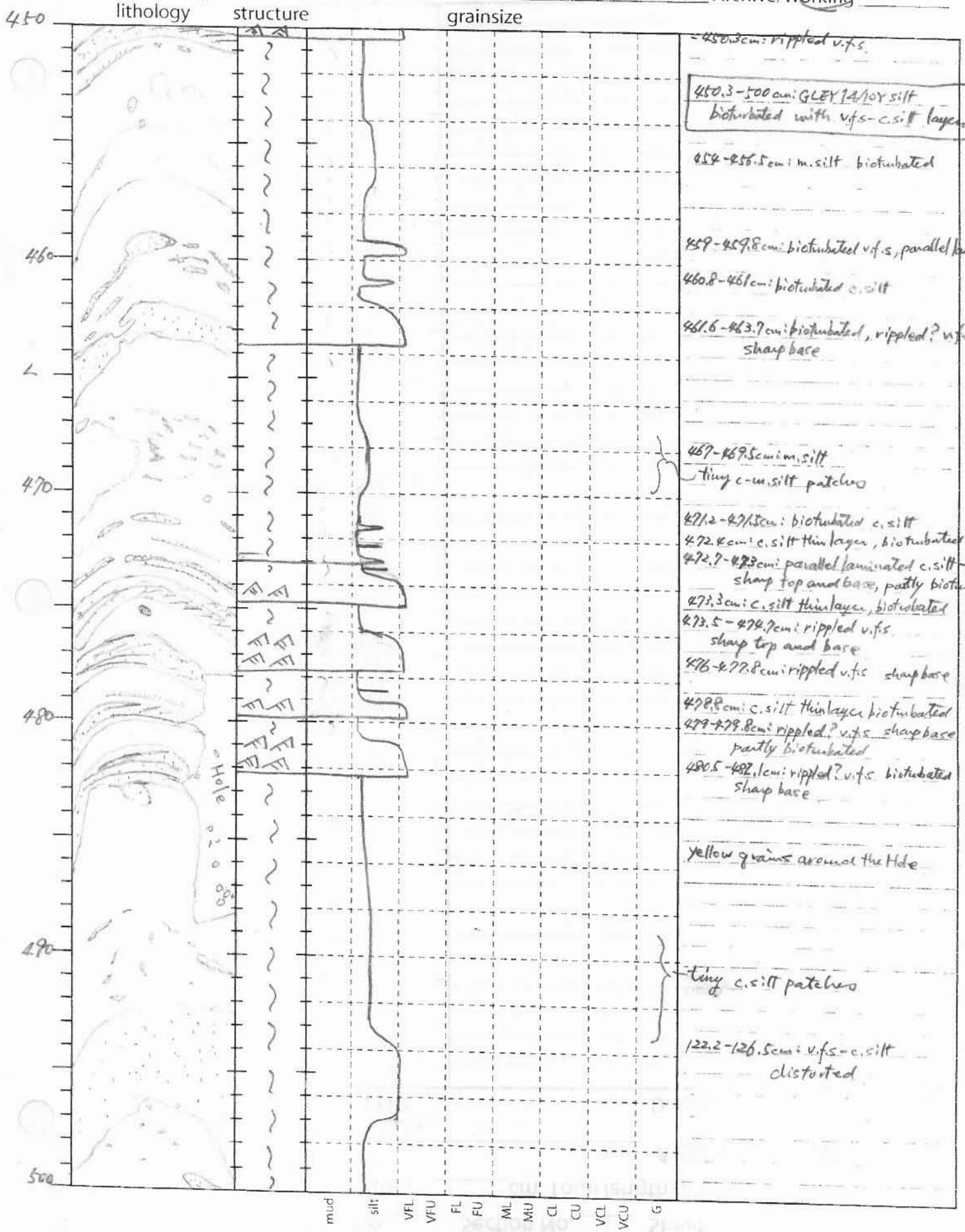
446-448cm: rippled v.f.s sharp base, partly bioturbated

448.8-449cm: c.silt bioturbated

449.3-450.2cm: rippled v.f.s partly bioturbated, sharp base

CORE LOG Core No. R/R0705-87PC Section No. 4 sheet 10 of 11

Date 06/06/2007 Described by Ken Archive/Working



-450.3cm: rippled v.f.s

450.3-500 cm: GLEY 7/4/10Y silt bioturbated with v.f.s-c.silt layers

454-456.5cm: m.silt bioturbated

459-459.8cm: bioturbated v.f.s, parallel laminated

460.8-461cm: bioturbated c.silt

461.6-463.7cm: bioturbated, rippled? v.f.s sharp base

467-469.5cm: m.silt
tiny c-m.silt patches

471.2-471.5cm: bioturbated c.silt

472.4cm: c.silt thin layer, bioturbated

472.7-473cm: parallel laminated c.silt-v.f.s sharp top and base, partly bioturbated

473.3cm: c.silt thin layer, bioturbated

473.5-474.7cm: rippled v.f.s sharp top and base

476-477.8cm: rippled v.f.s sharp base

478.8cm: c.silt thin layer bioturbated

479-479.8cm: rippled? v.f.s sharp base partly bioturbated

480.5-482.1cm: rippled? v.f.s bioturbated sharp base

Yellow grains around the Hole

tiny c.silt patches

122.2-126.5cm: v.f.s-c.silt distorted

CORE LOG Core No. RR0705-87PC Section No. 4 sheet 11 of 11

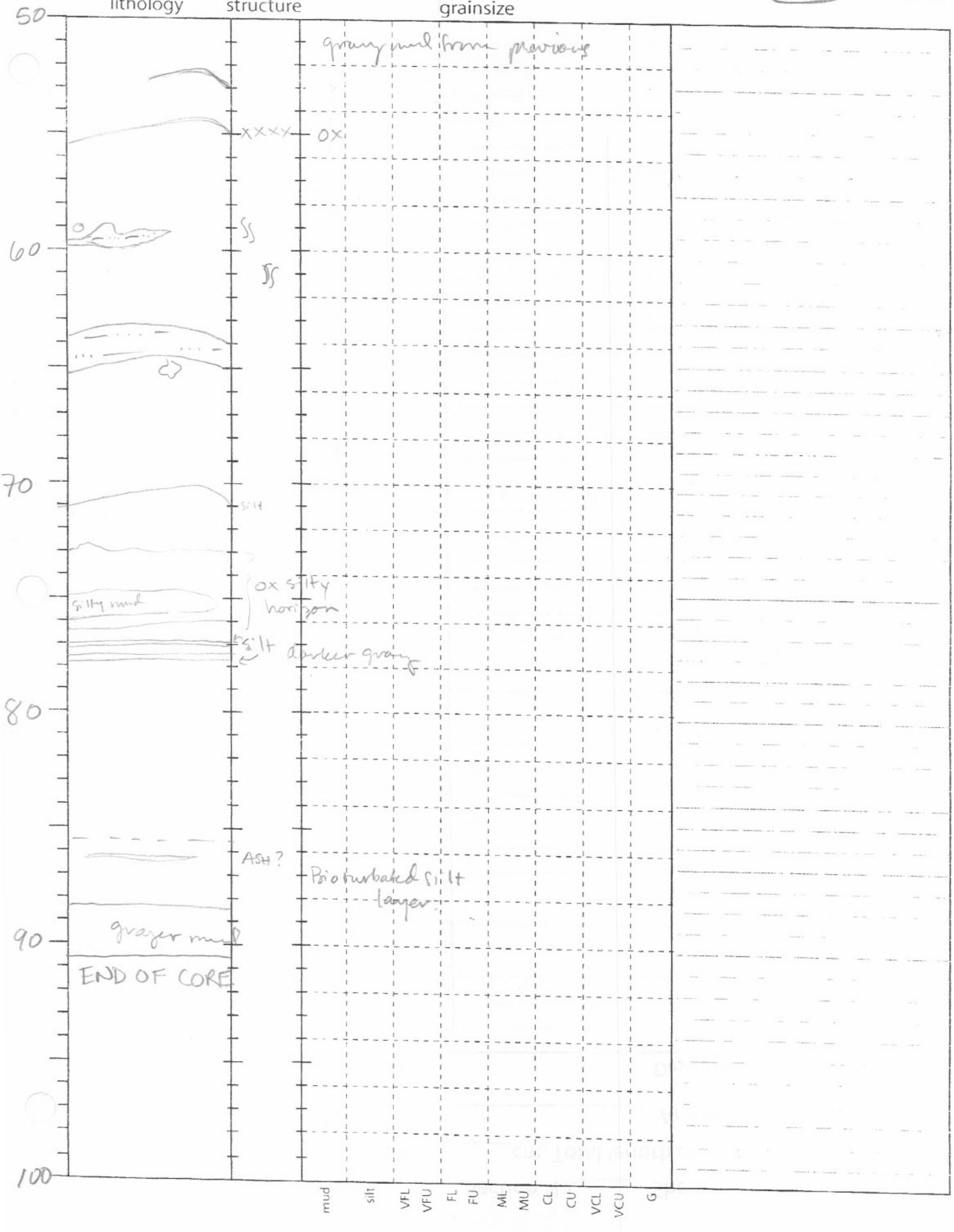
Date 06/06/2007 Described by Ken Archive/Working

500	lithology	structure	grainsize	
	FOAM			500-501cm: GLEY1 4/10Y silt with c. silt patches
	FOAM			501/cm 501-502.5cm: void (FOAM)
				502.5cm (MST Bottom)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

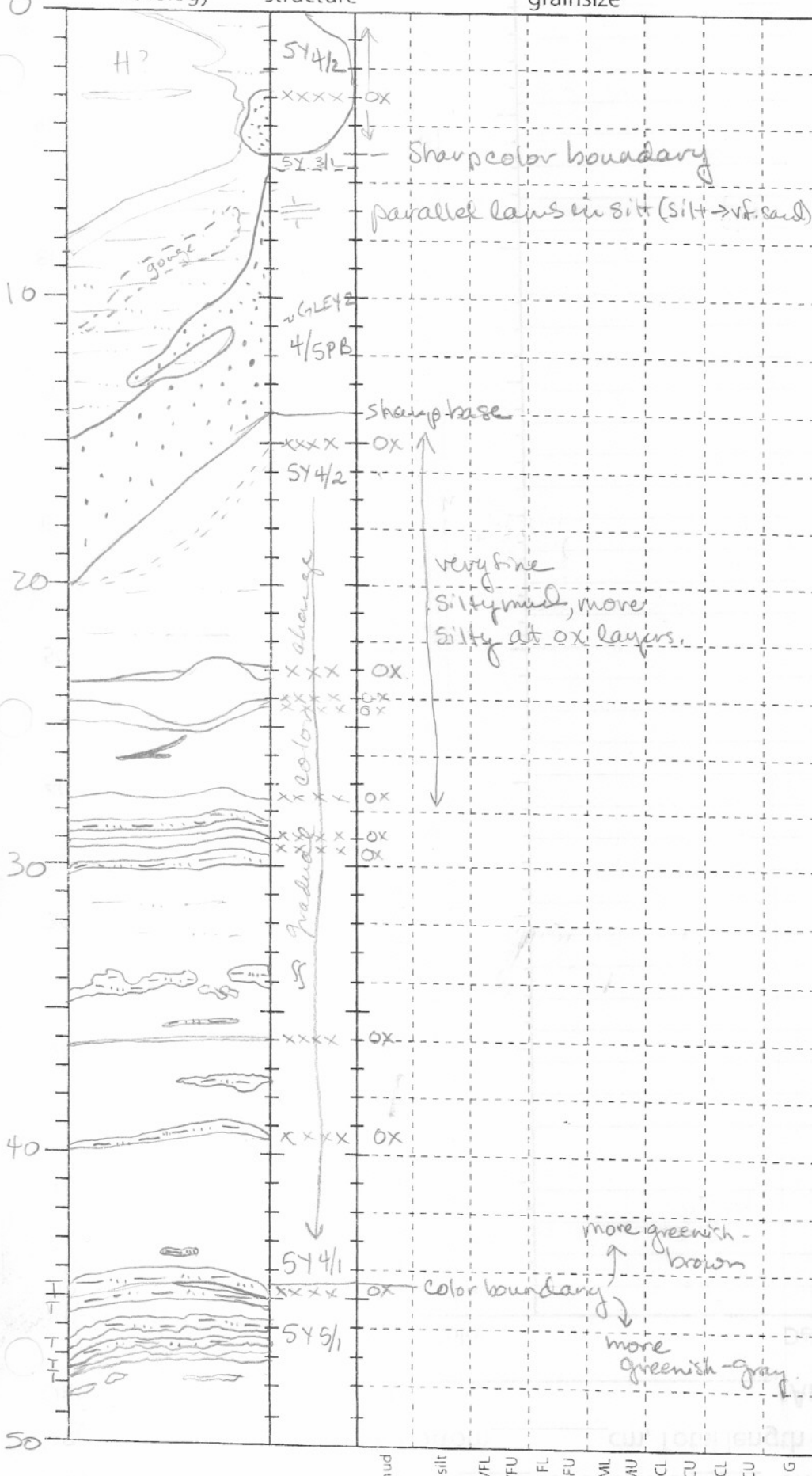
CORE LOG Core No. RR0705-88TC Section No. 1 sheet 2 of 2

Date 6/6/07 Described by Ann Archive/Working



CORE LOG Core No. RR0705-88TC Section No. 1 sheet 1 of 2

Date 6/6/07 Described by Ann Archive/Working



0-6 cm: Brown oxidized hemipelagic (?) sediment. This layer overlies a sandy turbidite which is deformed + some of the sediment from below was "sucked" along the right side of the core. There is a darker brown layer that is at 3cm (very thin).

~6-20cm: Turbidite - fining upward; fine sand through silty clay with parallel laminations. Disturbed by coring → slumped upside.

~20cm: slightly browner oxidation layer - curves under turbidite.

23.5cm, 24 cm, 25cm + 27.5cm: ox layers.

~15 cm - 28.5 cm: background is silty mud.

28.5 cm + 30 cm → two silty turbidites, fining upward with a faint ox layer above (27.5cm) and 2 ox layers between.

30-33.5cm: slightly silty greenish-gray mud.?

33.5-34 cm: silty turbidite, bioturbated.

35.5cm: v. thin, discontinuous silty layer.

36 cm: ox layer - faint

37.5 cm: silt layer

~39.5 cm: oxidized silt layer

greenish silty mud between

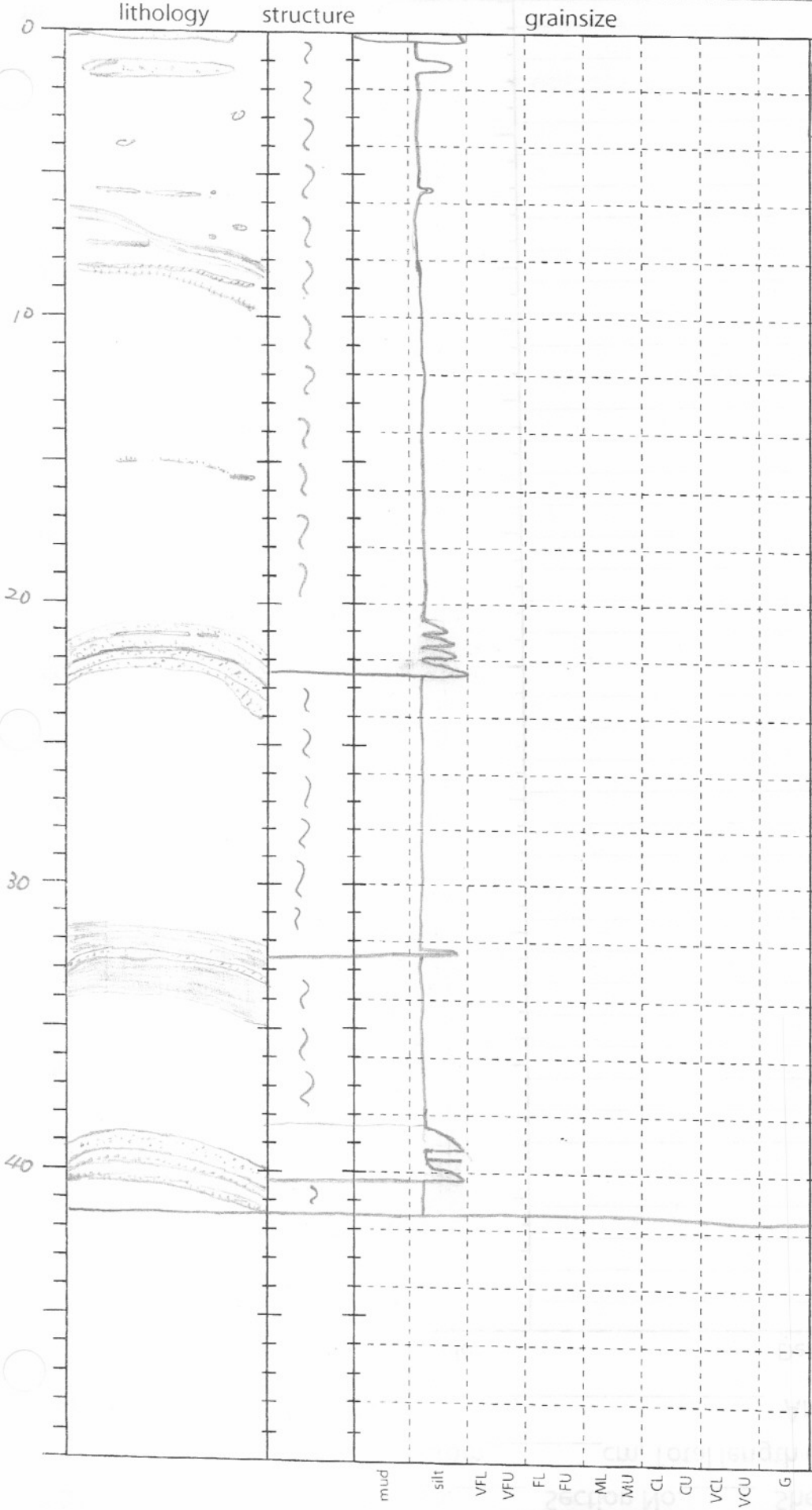
39.5-44cm: Silty brownish greenish-gray mud.

44-47.3 cm: 5 silty turbidites - uppermost is brown (@ 44.5), then at 45cm thin muddy silt layer between 45.25-45.75cm = silty turbidite 2mm turbidite centered at 46 (silty), another 47cm: bioturbated(?) silt layer

47-50 cm: bioturbated(?) silty mud.

CORE LOG Core No. RR0705-88PC Section No. 1 sheet 1 of 1

Date 06/06/2007 Described by Ken Archive/Working



Top: GLEY1 4/N c.silt (0-0.5cm)

0-41.5cm: 5Y4/1 silt with c.silt and brown oxidized layers

1-1.5cm: 5Y3/1 c.silt

5.5cm: c.silt thin layers bioturbated

7-7.6cm: brownish oxidized layer

8, 8.3cm: c.silt thin layers

15cm: c.silt thin layer, bioturbated

15.5-17.5cm: bedded c-m.silt ash rich? light muddy layers intercalated lowermost 2mm brownish

37-39cm: brownish layer

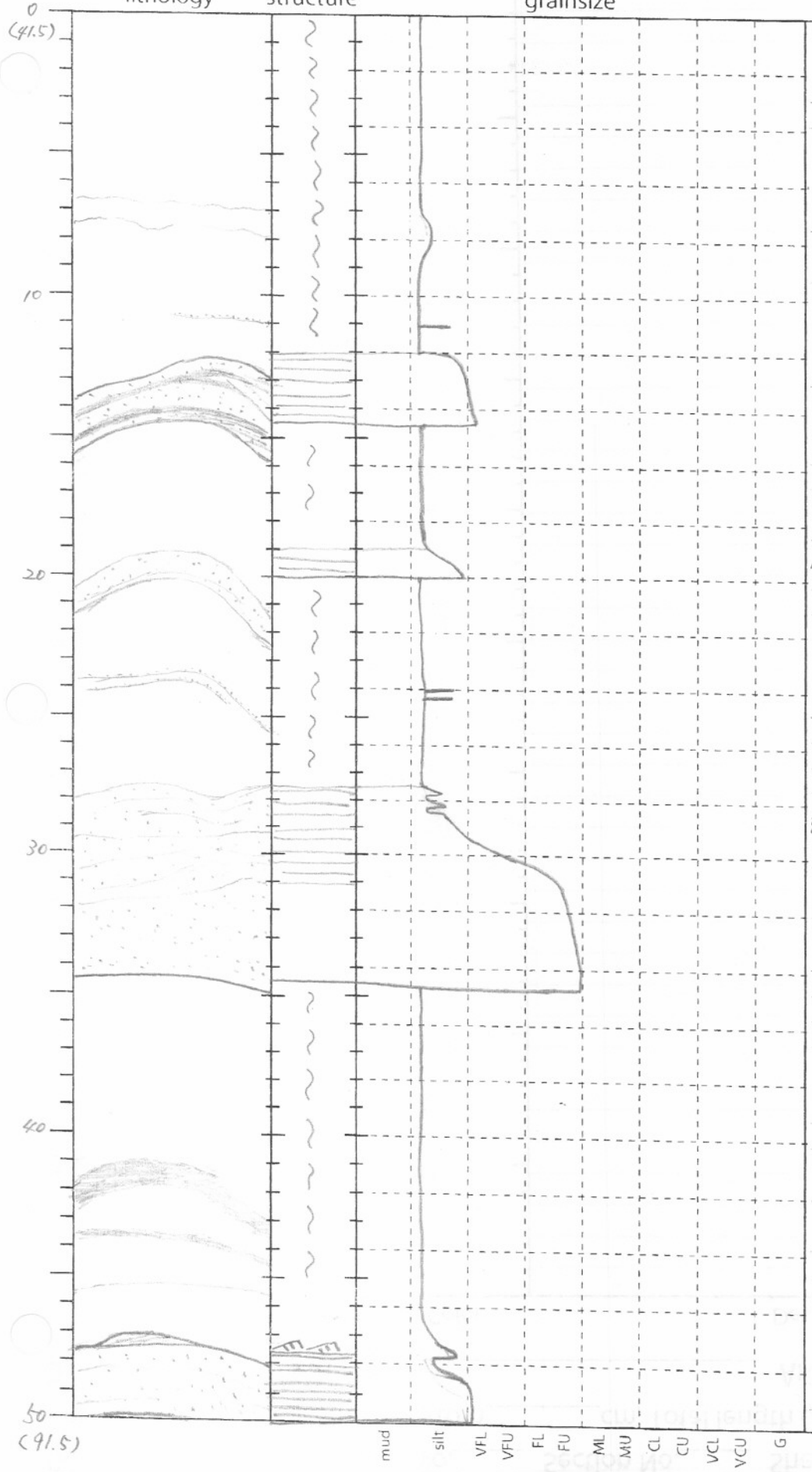
37.4-37.6cm: c.silt

38.5-40.2cm: c.silt.
(38.5-39, 39.2-39.3, 39.8-40.2cm: c.silt layers)
lowermost 2mm brownish

41.5cm

CORE LOG Core No. RR0705-88PC Section No. 2 sheet 1 of 3

Date 06/06/2007 Described by Ken Archive/Working



0-50cm: GLEY1 4/N silt with c.silt-f.s layers and brownish oxidized layers

7-8cm: slightly coarser than surroundings, bioturbated boundary indistinct

11cm: thin c.silt layer

12-18.5cm: parallel-cross laminated v.f.s. sharp base, top irregular

19-20cm: c.silt parallel laminated sharp base & top, upward fining

23, 23.5cm: thin c.silt layer

27.2-34.5cm: upward fining f.s-c.silt upper part parallel-wavy laminated
27.2-29cm: thin alternation of silt and c.silt (3 layers)
very sharp base, sharp top

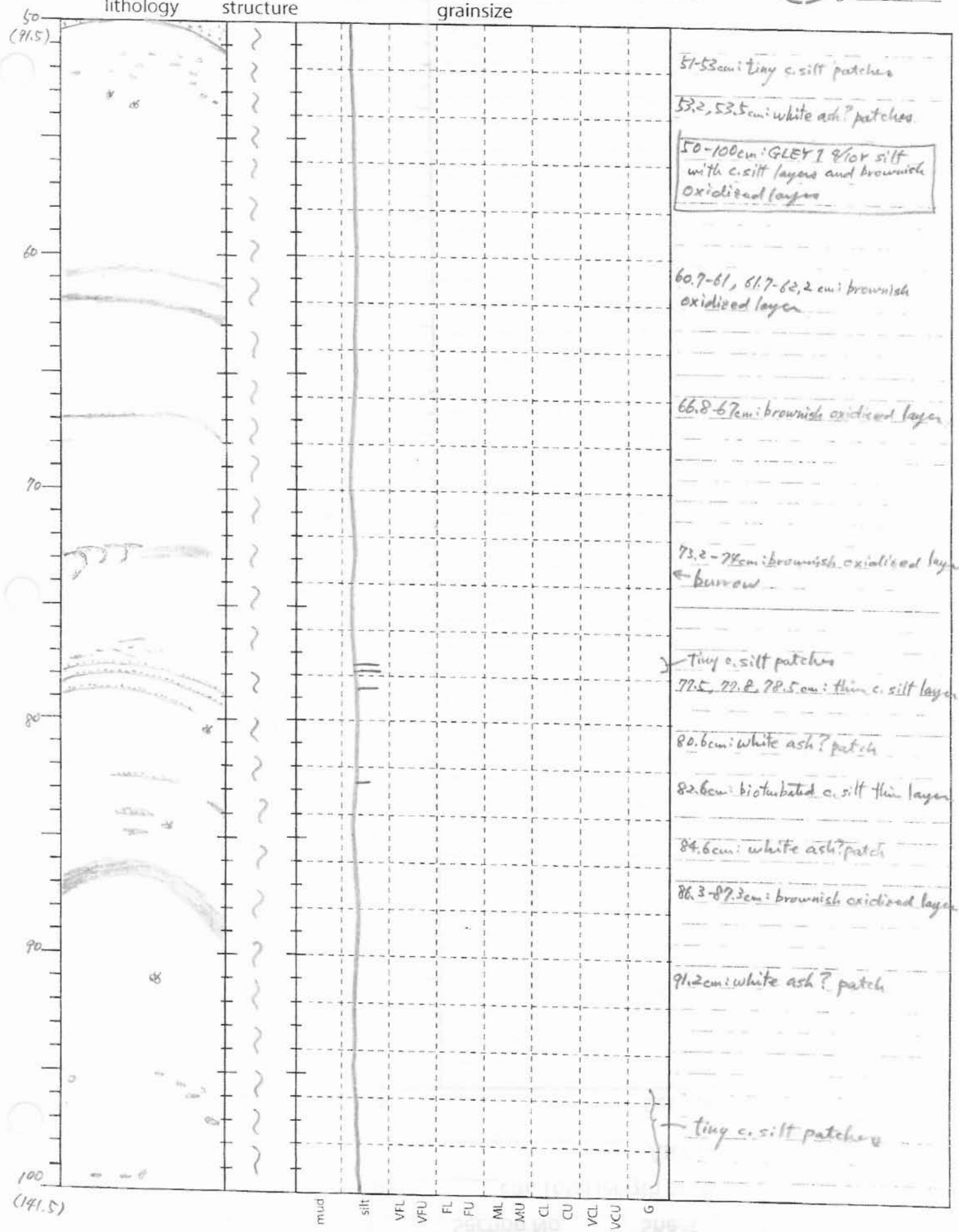
41-42.2cm, 43.8-44.2cm: brownish oxidized layer

45.5-47.2cm: GLEY1 4/10Y silt

47.2-50cm: parallel laminated c.silt

CORE LOG Core No. RR0705-88PC Section No. 2 sheet 2 of 3

Date 06/06/2007 Described by Ken Archive/Working



51-53cm: tiny c. silt patches

53.2, 53.5cm: white ash? patches

50-100cm: GLEY 1 8/10Y silt with c. silt layers and brownish oxidized layers

60.7-61, 61.7-62.2 cm: brownish oxidized layer

66.8-67cm: brownish oxidized layer

73.2-74cm: brownish oxidized layer ← burrow

tiny c. silt patches

77.5, 77.8, 78.5cm: thin c. silt layers

80.6cm: white ash? patch

82.6cm: bioturbated c. silt thin layer

84.6cm: white ash? patch

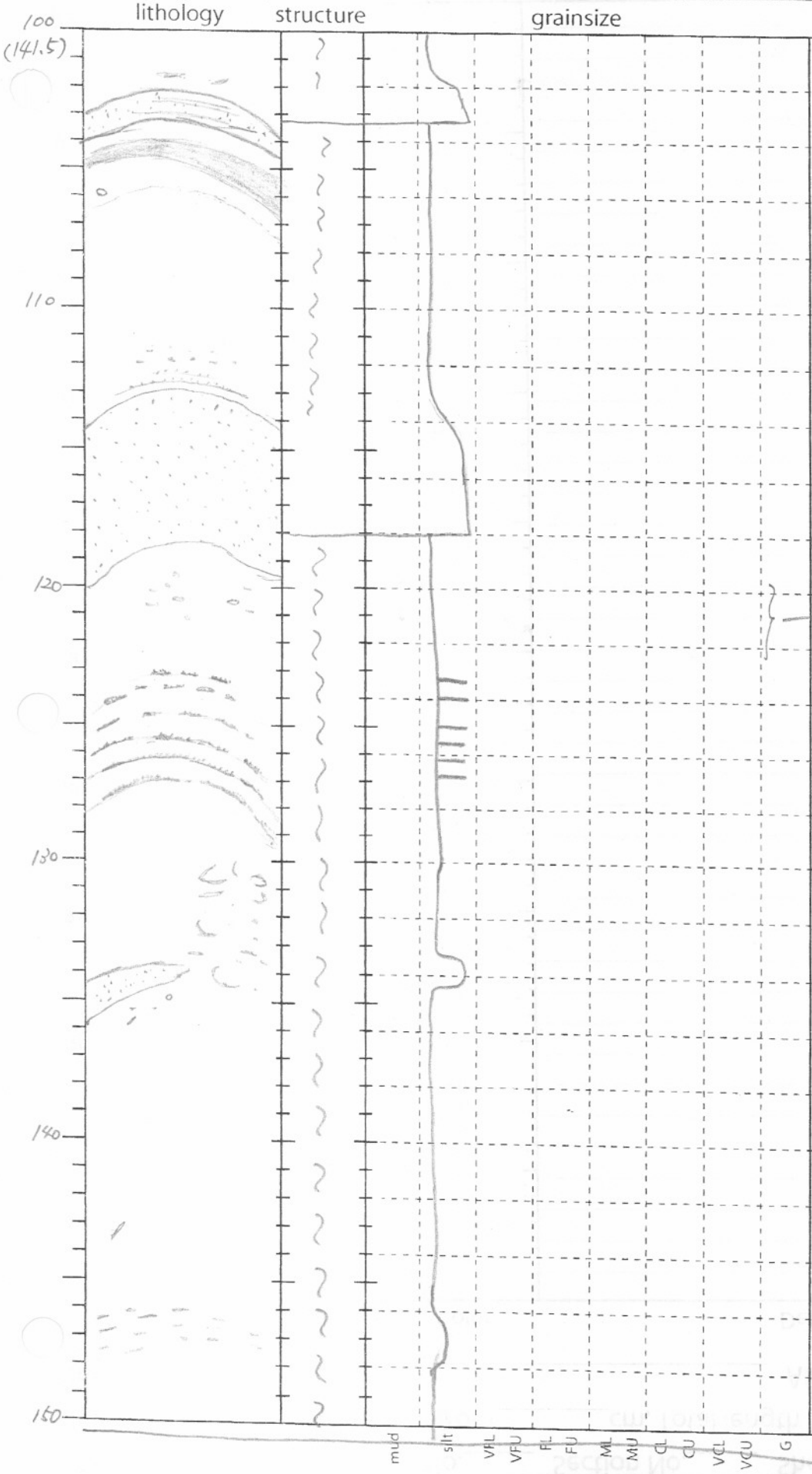
86.3-87.3cm: brownish oxidized layer

91.2cm: white ash? patch

tiny c. silt patches

CORE LOG Core No. RR0705-88PC Section No. 2 sheet 3 of 3

Date 06/06/2007 Described by Ken Archive/Working



100-150.5cm: GLEY 1 4/10Y silt with c.silt-v.f.s. layers

101.8-103.2cm: c.silt parallel laminated

103.7-104.5cm: brownish oxidized layer

106cm: white ash? patch

106-113.5cm: GLEY 1 4/10Y silt a little more olive than upper massive

113cm: c.silt thin layer

113.5-118cm: parallel laminated c.silt sharp base upper gradual

tiny c.silt patches

123.2, 124, 125, 125.7, 126.1, 127cm: bioturbated c.silt layer

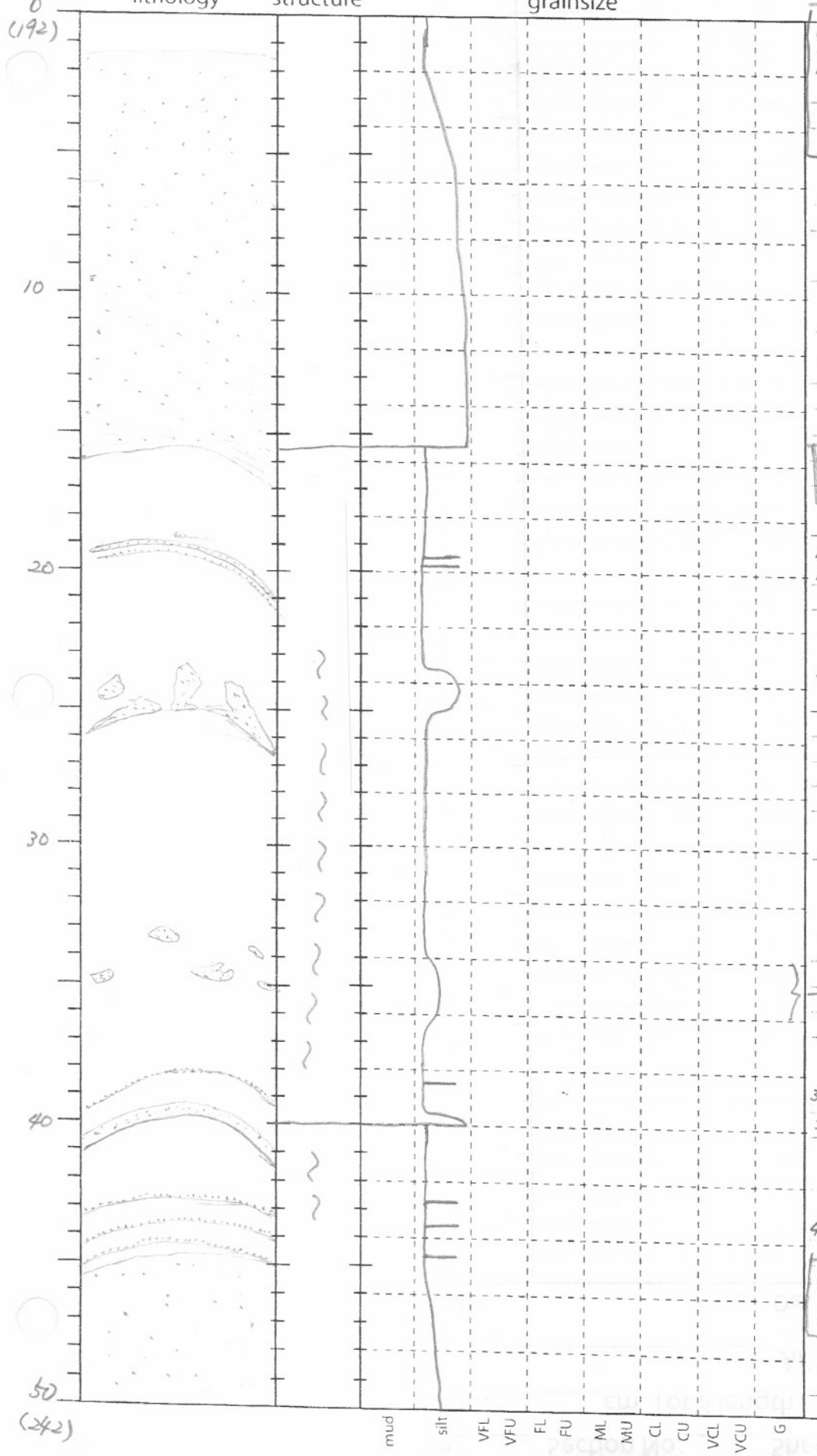
133.2-139.5cm: bioturbated c.silt

146-147.5cm: tiny c.silt patches

150.5cm
(192cm)

CORE LOG Core No. RR0705-88PC Section No. 3 sheet 1 of 3

Date 06/06/2007 Described by Ken Archive/Working



0-1.5cm: GLEY1 4/N S.lt

1.5-15.5cm: GLEY1 3/N c-m.silt
upward fining, sharp base
parallel laminated(?) at lowermost 1cm.

15.5-44.8cm: GLEY1 4/N silt

19.4-19.6cm: c.silt layer
19.8cm: thin c.silt layer

23.5-25cm: bioturbated c.silt

c.silt patches (burrow fill)

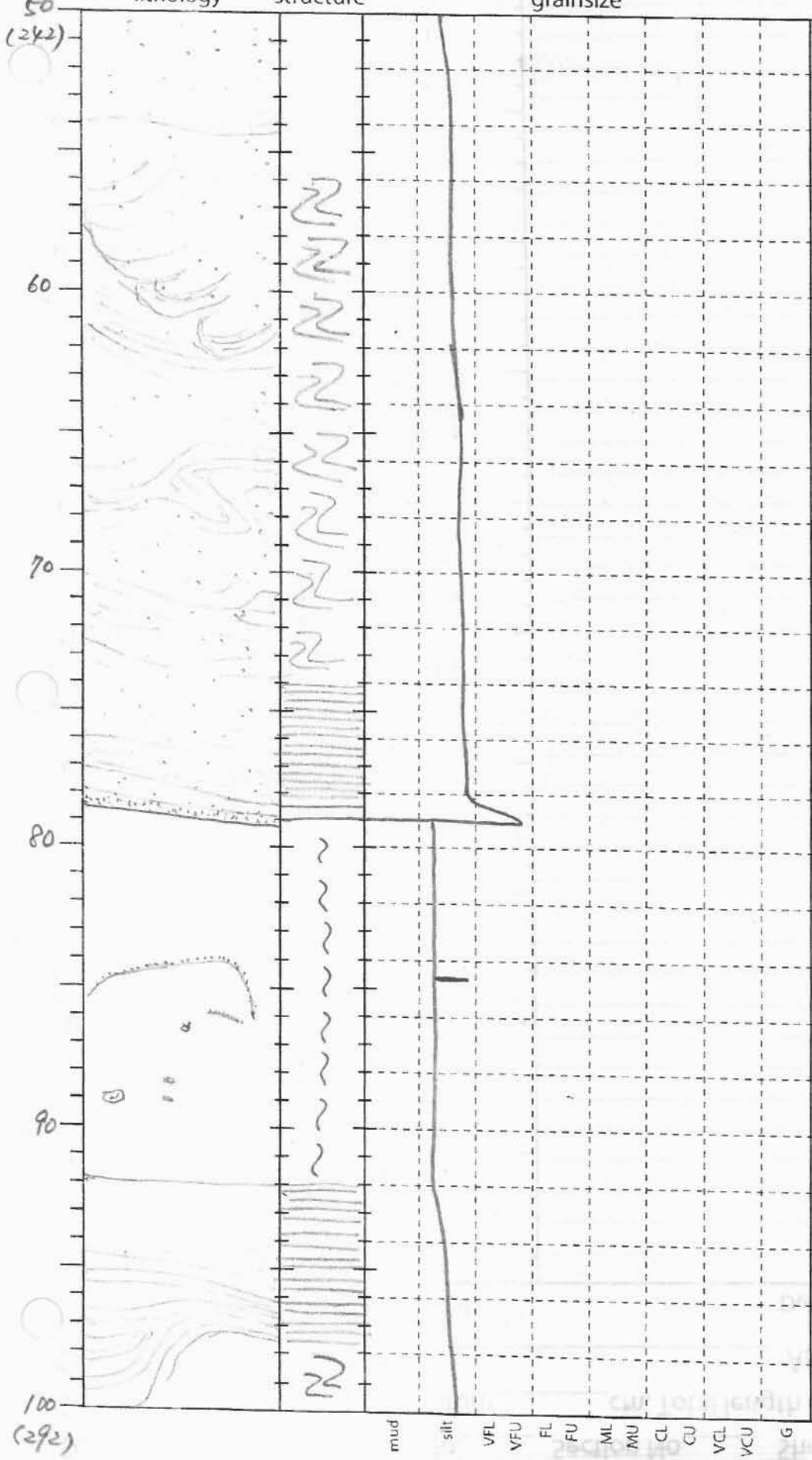
38.5cm: c.silt layer
39.5-40cm: upward fining c-m.silt
sharp base

42.6, 43.5, 44.6cm: c.silt layer

44.8-79cm: upward fining v.f.s-m.silt
upper boundary indistinct
ash rich? sharp base

CORE LOG Core No. RR0705-88PC Section No. 3 sheet 2 of 3

Date 06/06/2007 Described by Ken Archive/Working



-79cm: upward fining v.f.s-m.silt ash rich

highly distorted (55-74cm)

50-63: GLEY1 5/N m.silt
63-67: GLEY1 4/N c.silt
67-74: GLEY1 5/N m-c.silt
74-77: GLEY1 4/N c.silt laminated
77-78.5: GLEY1 5/10Y c.silt laminated
78.5-79: GLEY1 5/N v.f.s

79-92cm: GLEY1 4/10Y silt

84.3-84.5cm: c.silt layer

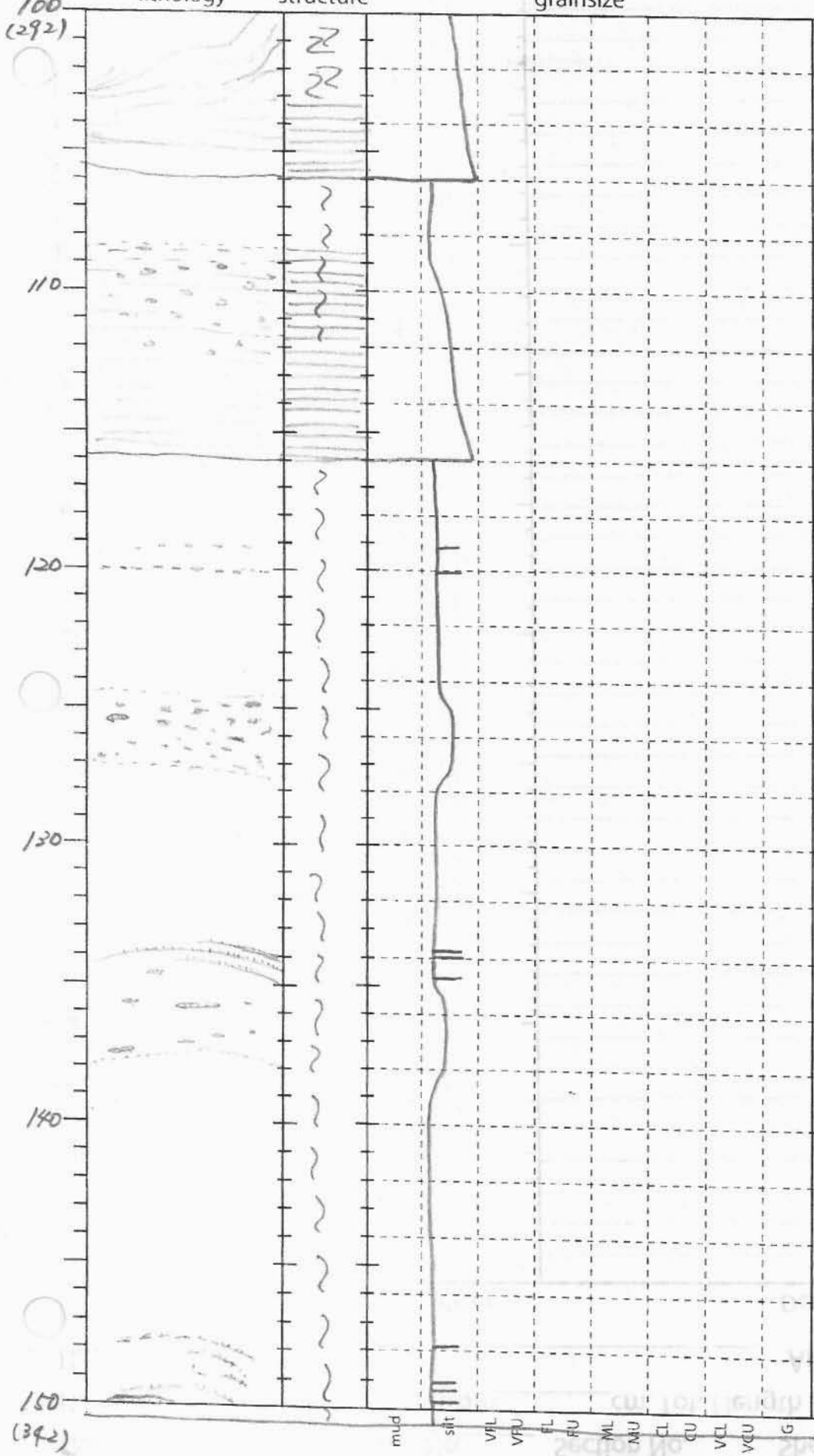
87cm: white ash? patch

92-106cm: upward fining c-m.silt
upper boundary indistinct
ash rich sharp base

middle part (98-103) distorted

CORE LOG Core No. RR0705-88PC Section No. 3 sheet 3 of 3

Date 06/06/2007 Described by Ken Archive/Working



-106cm: upward fining c-m silt middle part (98-103cm) distorted sharp base

106-150.5cm: GLEY1 4/10Y silt with c. silt layers and bed

108.3-116cm: upward fining c-m. silt parallel laminated sharp base ash rich
108.3-111cm: laminae destroyed by bioturbation
lower part (113.7-116cm) white laminae intercalated

119-119.3cm; c. silt bioturbated

120-120.2cm: c. silt layer bioturbated

124.5-127.8cm: bioturbated c. silt?

133.8, 134, 134.8cm: c. silt thin layer
135-137.6cm: bioturbated c. silt

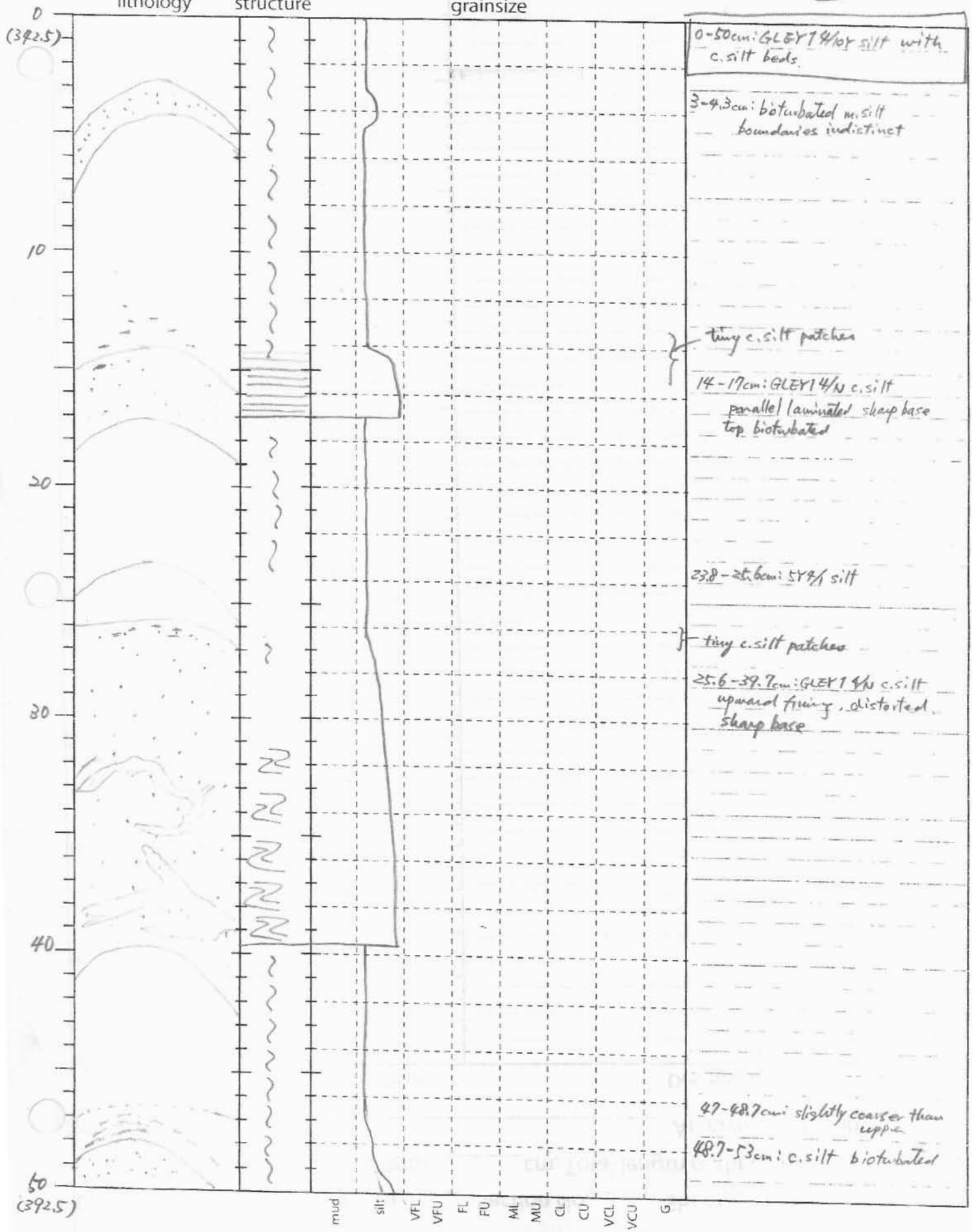
149.8, 149.9, 149.2, 149.7cm: c. silt thin layer, bioturbated

150-150.5cm: white m. silt-size ash? patch

150.5cm
(342.5)

CORE LOG Core No. RR0705-88PC Section No. 4 sheet 1 of 3

Date 06/06/2007 Described by Ken Archive/Working



0-50cm: GLEY1 4/10Y silt with c.silt beds

3-4.3cm: biotubated m.silt boundaries indistinct

tiny c.silt patches

14-17cm: GLEY1 4/N c.silt parallel laminated sharp base top biotubated

23.8-25.6cm: 5Y 4/1 silt

tiny c.silt patches

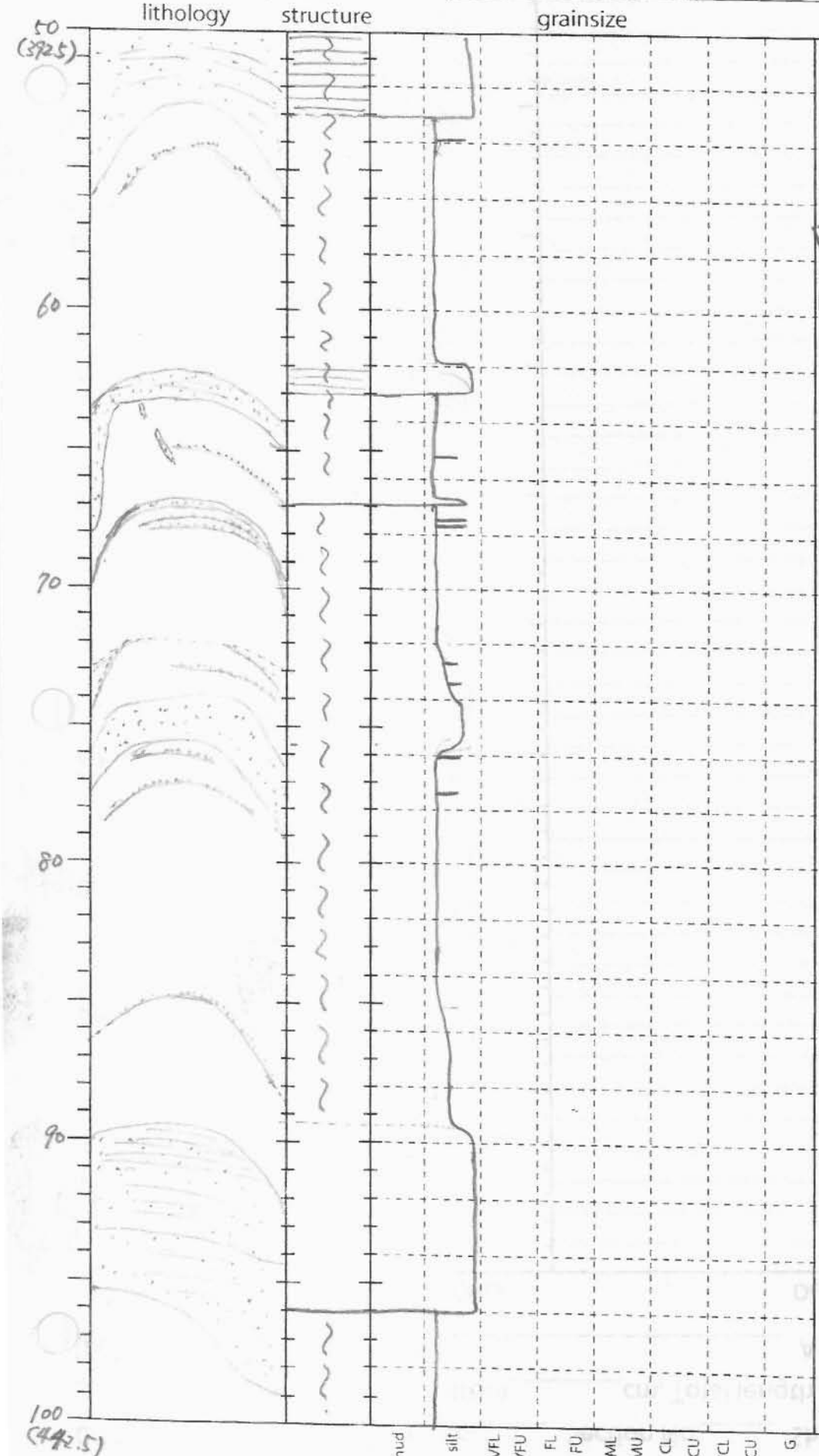
25.6-39.7cm: GLEY1 4/N c.silt uparard fining, distorted sharp base

47-48.7cm: slightly coarser than upper

48.7-53cm: c.silt biotubated

CORE LOG Core No. RR0705-88PC Section No. 4 sheet 2 of 3

Date 06/06/2007 Described by Keu Archive/Working



-53cm: c.silt, bioturbated parallel laminated sharp but bioturbated base

53.9cm: c.silt thin layer

50-100cm: GLEY1 4/10Y silt with c.silt layers and beds

61.9-63cm: bioturbated laminated c.silt sharp both boundaries

65.2cm: c.silt thin layer

66.8-67cm: GLEY1 5/10Y m.silt

67.5, 67.8cm: c.silt thin layer

73-74cm: silt slightly coarser than upper with thin c.silt layers bioturbated

74-75.8cm: GLEY1 4/10Y m.silt boundaries indistinct

76, 77.4cm: c.silt thin layer

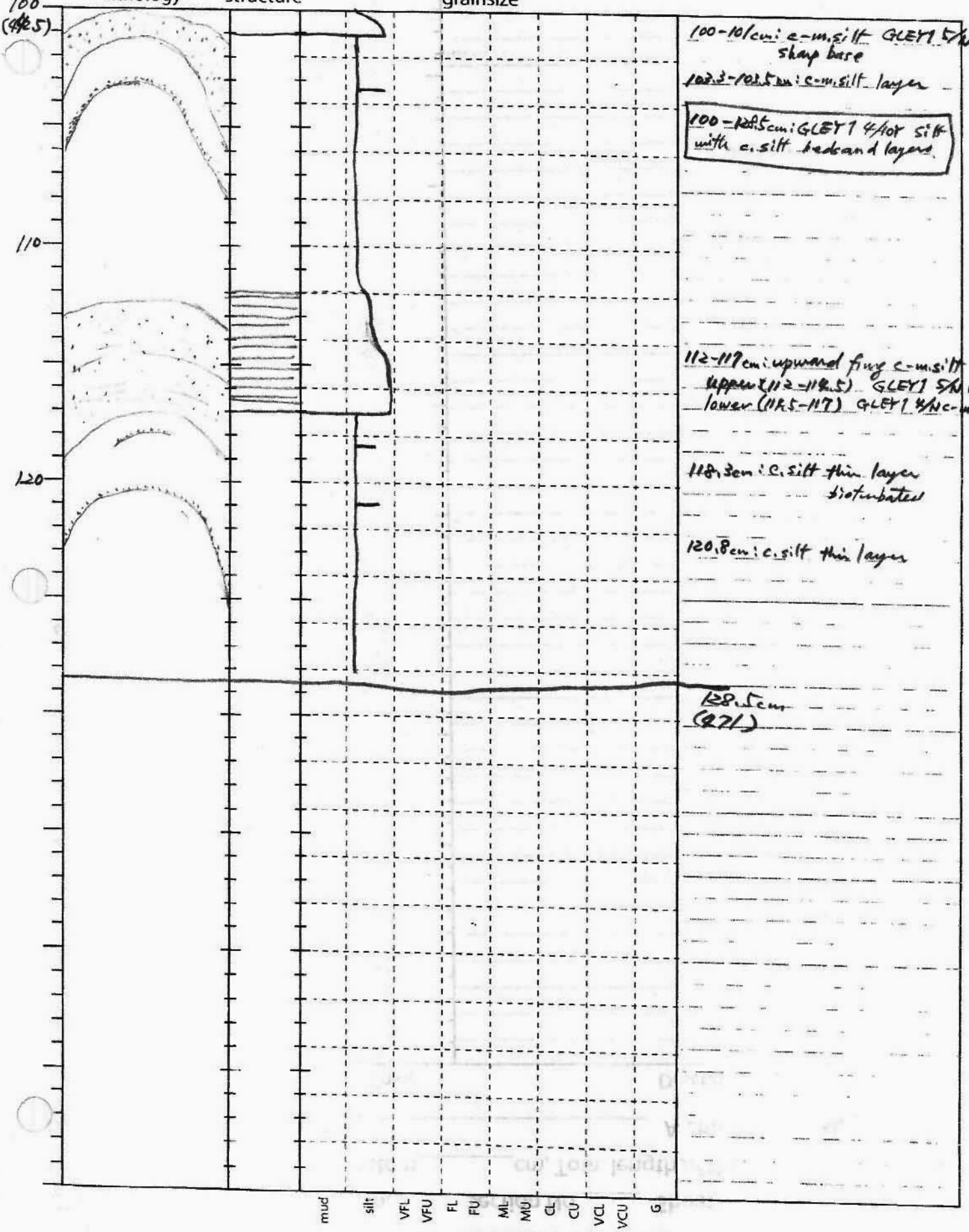
85cm: c.silt thin layer

85-89.3cm: silt, slightly coarser than upper

89.3-96cm: c.silt sharp base parallel laminated? lower part distorted (93.7-96cm)

CORE LOG Core No. RR0705-88PC Section No. 4 sheet 3 of 3

Date 06/06/2007 Described by Ken Archive/Working



100-101cm: c-m.silt GLEY1 5/N sharp base

102.3-102.5cm: c-m.silt layer

100-128.5cm: GLEY1 4/10Y silt with c.silt bed and layers

112-117cm: upward fining c-m.silt
upper (112-118.5) GLEY1 5/N m.silt
lower (118.5-117) GLEY1 4/N c-m.silt

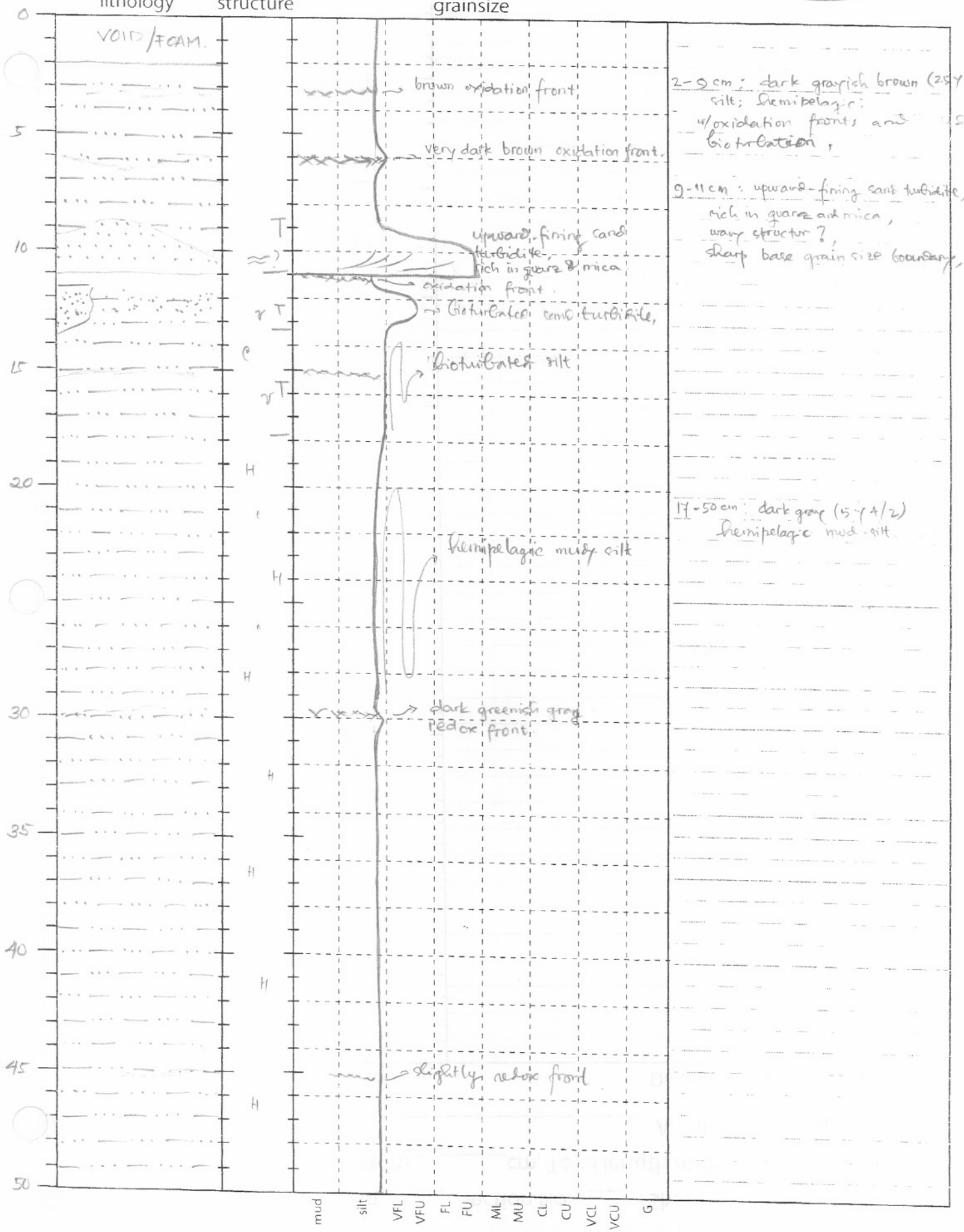
118.3cm: c.silt thin layer bioturbated

120.8cm: c.silt thin layer

128.5cm (98.5)

CORE LOG Core No. RR0705-89TC Section No. 1 of 1 (0-147.5) sheet 1 of 3

Date 07 JUNE 07 Described by SAPTA Archive/Working



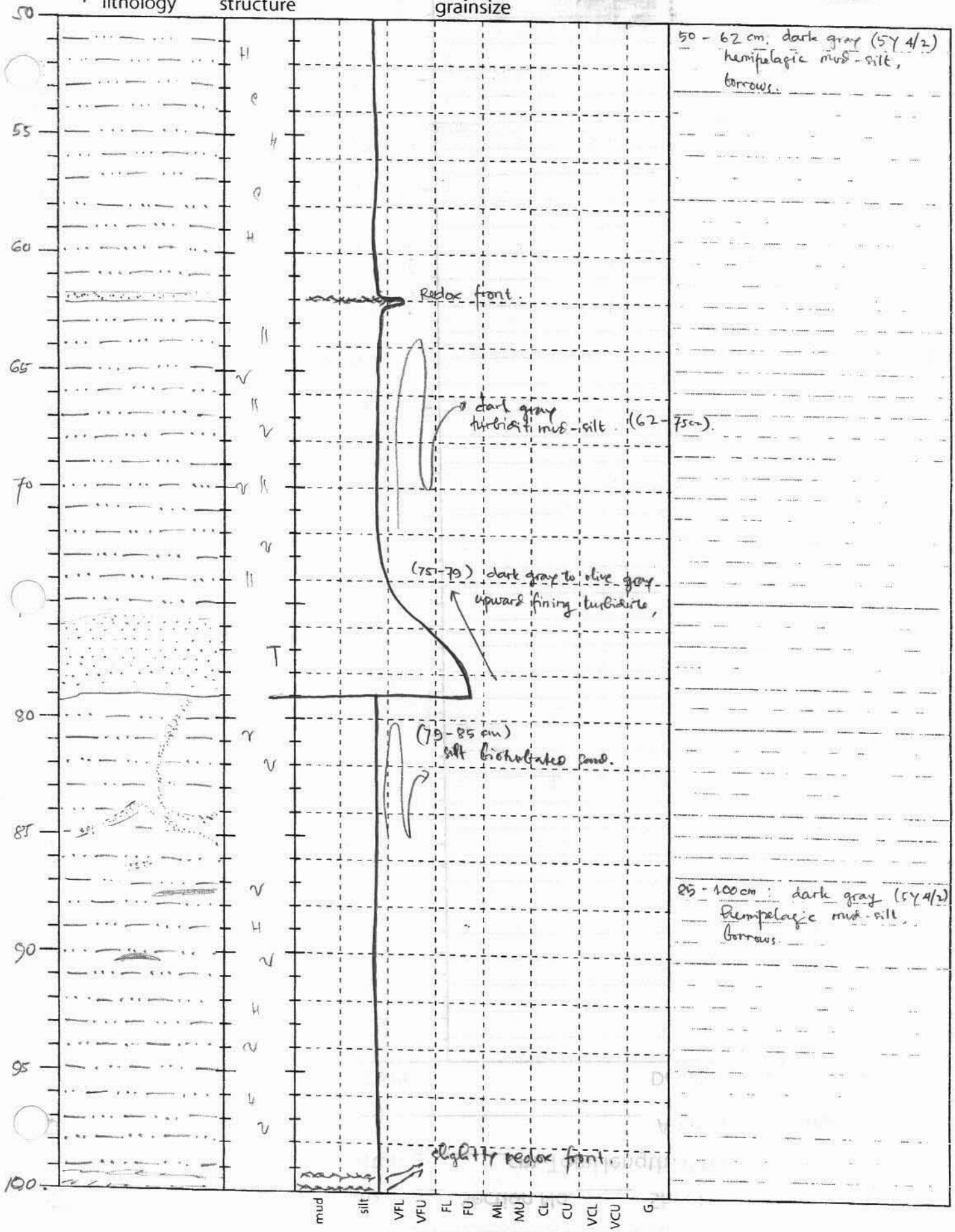
2-9 cm : dark grayish brown (2.5Y 4/2) silt; hemipelagic; w/oxidation fronts and bioturbation,

9-11 cm : upward-firing sand turbidite, rich in quartz and mica, wavy structure?, sharp base grain size boundary,

17-50 cm : dark gray (5Y 4/1) hemipelagic mud-silt

CORE LOG Core No. RR0705 - 89 TC Section No. 1 of 1 (0-147.5 cm) sheet 2 of 3

Date 07 JUNE 07 Described by SAPTA Archive/Working

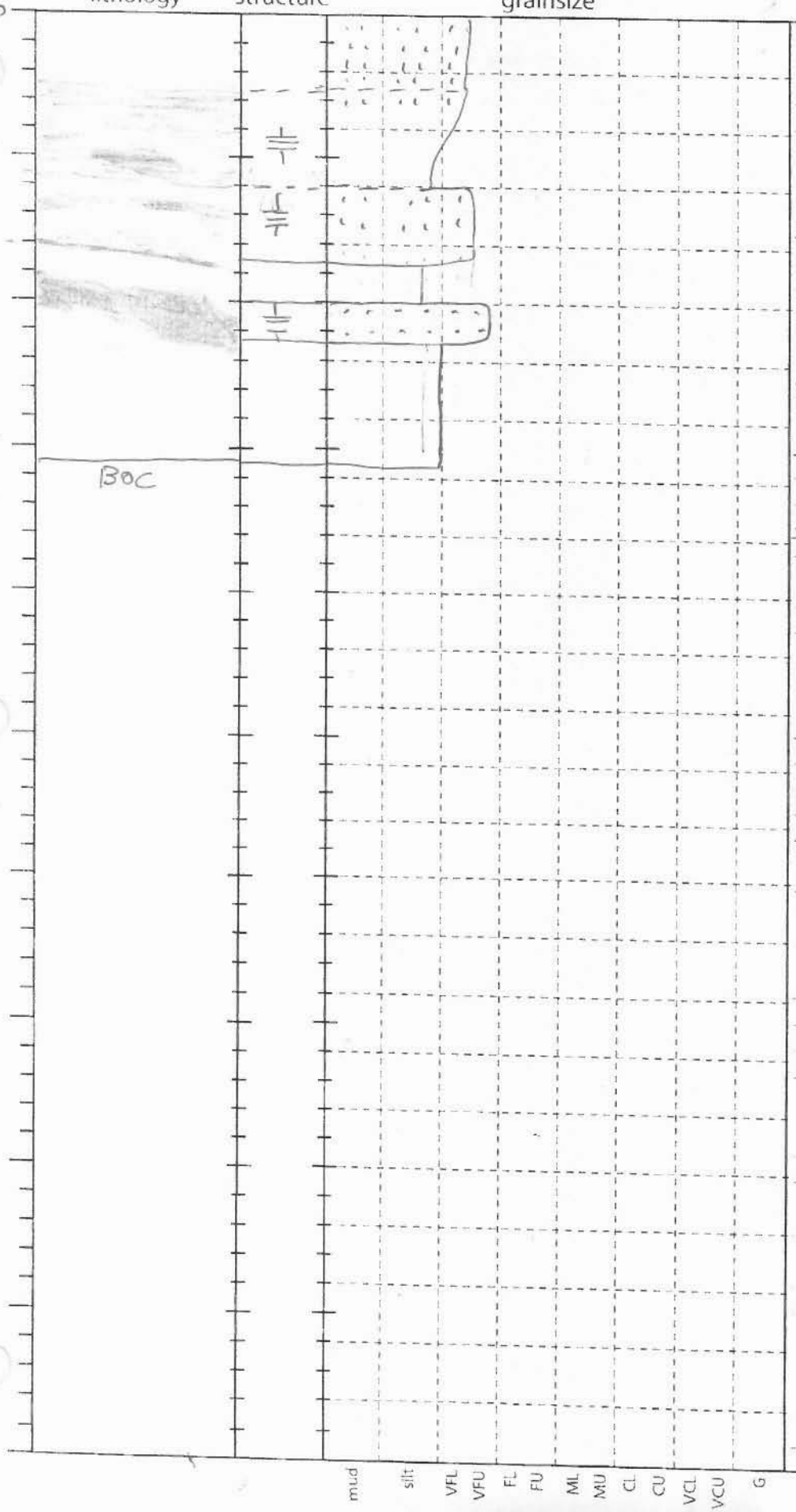


50 - 62 cm: dark gray (5Y 4/2) hemipelagic mud-silt, burrows.

85 - 100 cm: dark gray (5Y 4/2) hemipelagic mud-silt, burrows.

CORE LOG Core No. 89PC Section No. (1) 0-15.5 sheet 1 of 1

Date 6/6/07 GMT Described by PATTON Archive/Working



0 to 2.5cm: 5 2.5Y3 light olive brown silty v.f. sand

2.5 to 6 cm: 4 2.5Y3 olive brown silty vf sand grading downcore to coarse silt. stratal blebs of light olive brown silty v.f. Sa.

6 to 8.5cm: 5 2.5Y2 greyish brown vf sand: 90% qz 5% mica Mafic, stratal blebs of darker vf sand: 70% qz 20% mica 10% mafics. basal 3 2.5Y3 dark olive brown 2mm thick color lam

8.5 to 9 cm: 4 2.5Y / dark grey silt w/ trace v.f. sand.

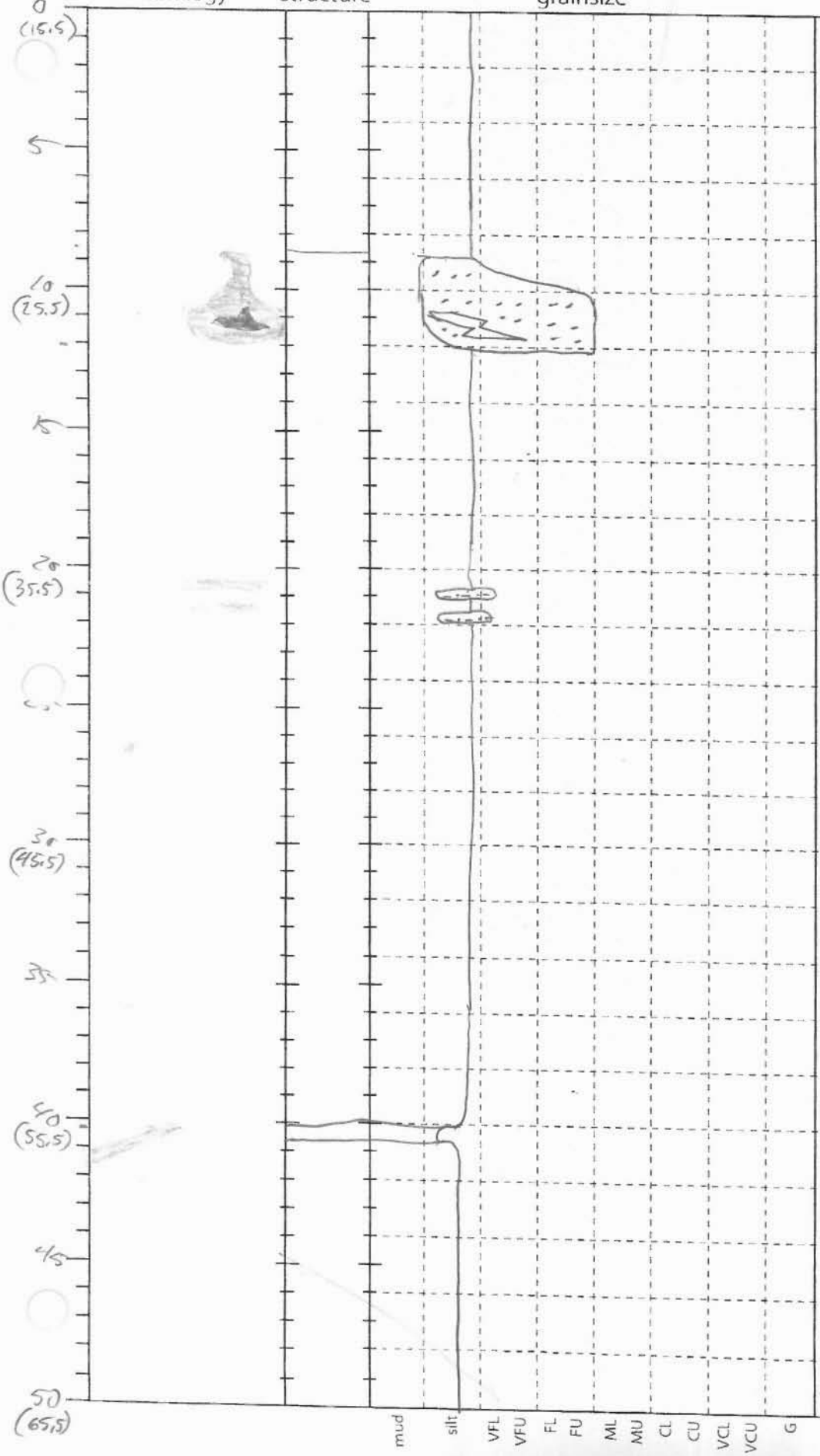
9 to 10.2 cm: 4 2.5Y / dark grey vf to med sand: 40% qz 40% mica 20% mafics

10.2 to 15.5 cm: 5 6GY / 10Y greenish grey vf sandy silt 10-15% sand

CORE LOG Core No. 89 PC Section No. (2) 15.5 to 166.5 sheet 1 of 3

Date 6/6/07 Described by PATTON Archive/Working

lithology structure grainsize



0 to 64 cm: 5 Gley 1 10Y greenish grey coarse silt + trace clay and trace V.f. sand. several lams and a single interesting feature. from 8.5 to 12 cm: 4.2.5y 3 olive brown vf. to m sand chunk with large 3x1 cm void space.

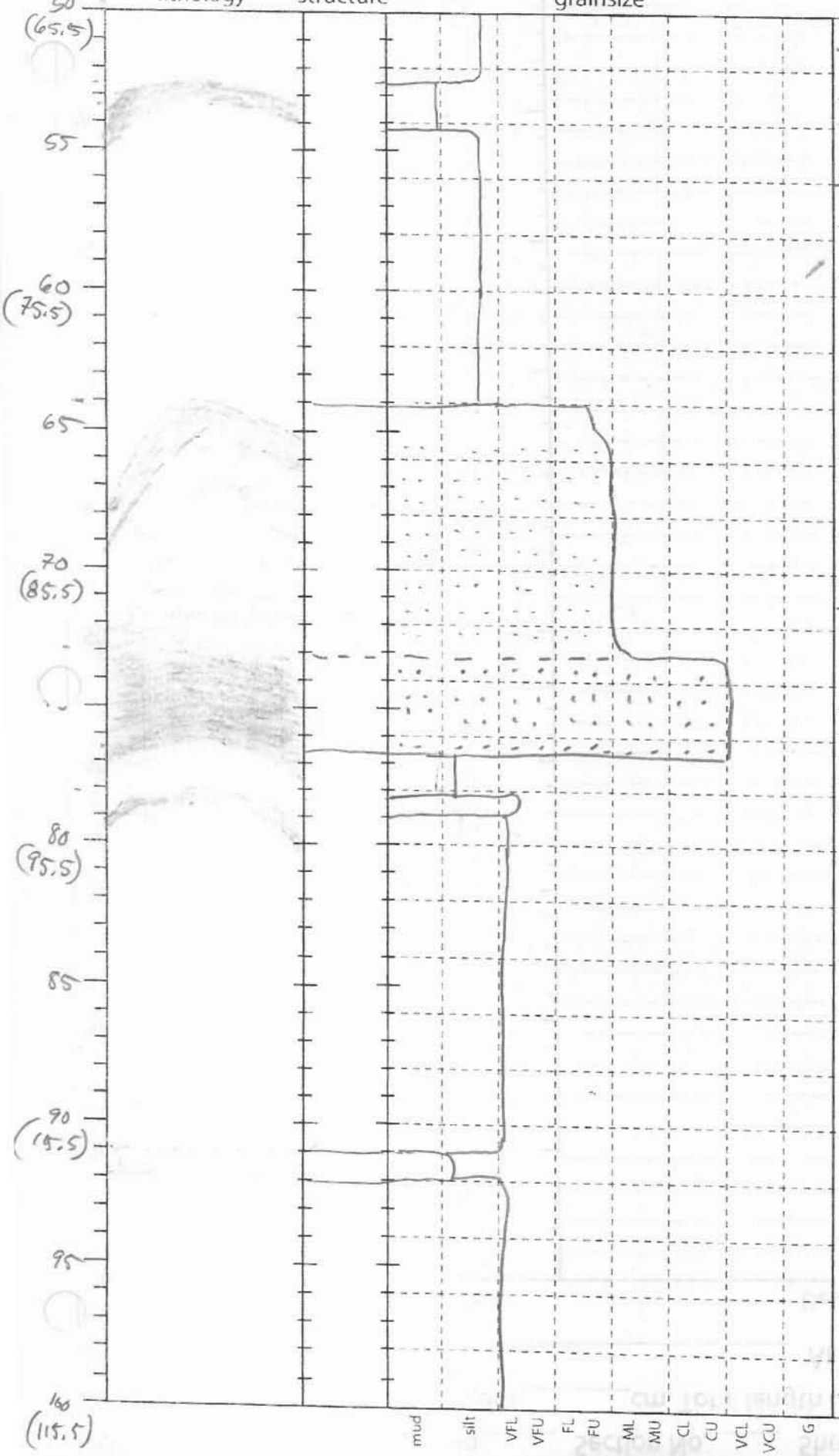
20.5 cm: 7mm thick darker colored lam (slightly coarser)

21.5 cm: 3 mm thick darker colored lam (slightly coarser)

41.2 to 42 cm: 5 gley 1 5B bluish grey coarse, silty clay lam, only in 1/2 of core

CORE LOG Core No. 89PC Section No. (2) 15.5 to 166.5 sheet 2 of 3

Date 6/6/07 Described by PATTON Archive/Working



0 to 64 cm: cont...
5G 6/1 10Y greenish grey coarse silt...

52.5 to 53.3 cm: 5G 6/1 5B bluish grey coarse silty clay

64 to 65.5 cm: 5Y 4/1 grey coarse silt lam

65.5 to 75.5 cm: 5 gley 1 10y greenish grey vf to m sand coarsening down core to m to c sand: 60% qz, 20% mafic 15% forams, 5% micaor glass. color darkens to 4 gley 1 N dark grey down core.

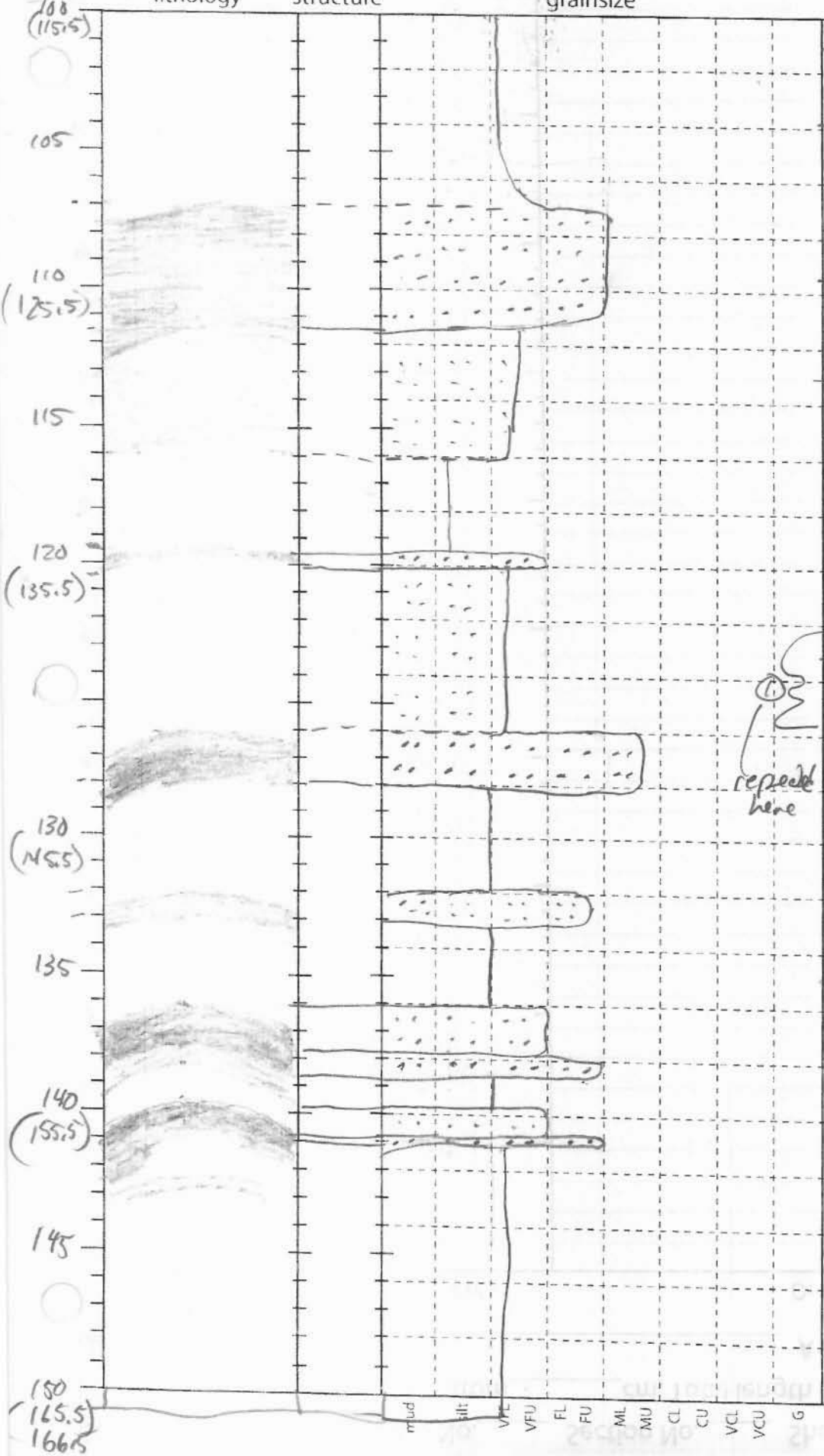
75.5 to 78 cm: 4 gley 1 5GY dark greenish grey silty clay, trace v.f. sand.

78 to 78.5 cm: 5 gley 1 10y greenish grey silty v.f. sand lams

78.5 to 107 cm: 5 gley 1 10y greenish grey silty v.f. sand including:
91 to 92 cm: clayey silt same color

CORE LOG Core No. 89 PC Section No. (2) 15.5 to 166.5 sheet 3 of 3

Date 6/6/87 Described by PATTON Archive/Working



78.5 to 107 cm: cont....
coarse silt partings @ 102 to 107 cm

107 cm to 111.5 cm: 4/gley 1 N dark grey vf to f sand trace silt 70% qz 20% mafic 10% mica or glass

111.5 to 116 cm: greenish grey silty vf sand

116 to 119.5 cm: greenish grey clayey silt

119.5 to 120: greenish grey vf sand

120 to 126: greenish grey silty vf sand

126 to 128 cm: dark grey vf to m sand: qz: 60% mica 25% mafic 15%

128 to 132 cm: greenish grey coarse silt

132 to 133 cm greenish grey silty vf to f sand

133 to 136 cm greenish grey coarse silt

136 to 137.8 cm greenish grey vf sand slightly darker (more mafic)

137.8 to 138.5 cm: grn. grey vf to f sand

138.5 to 139.7 cm: green grey coarse silt

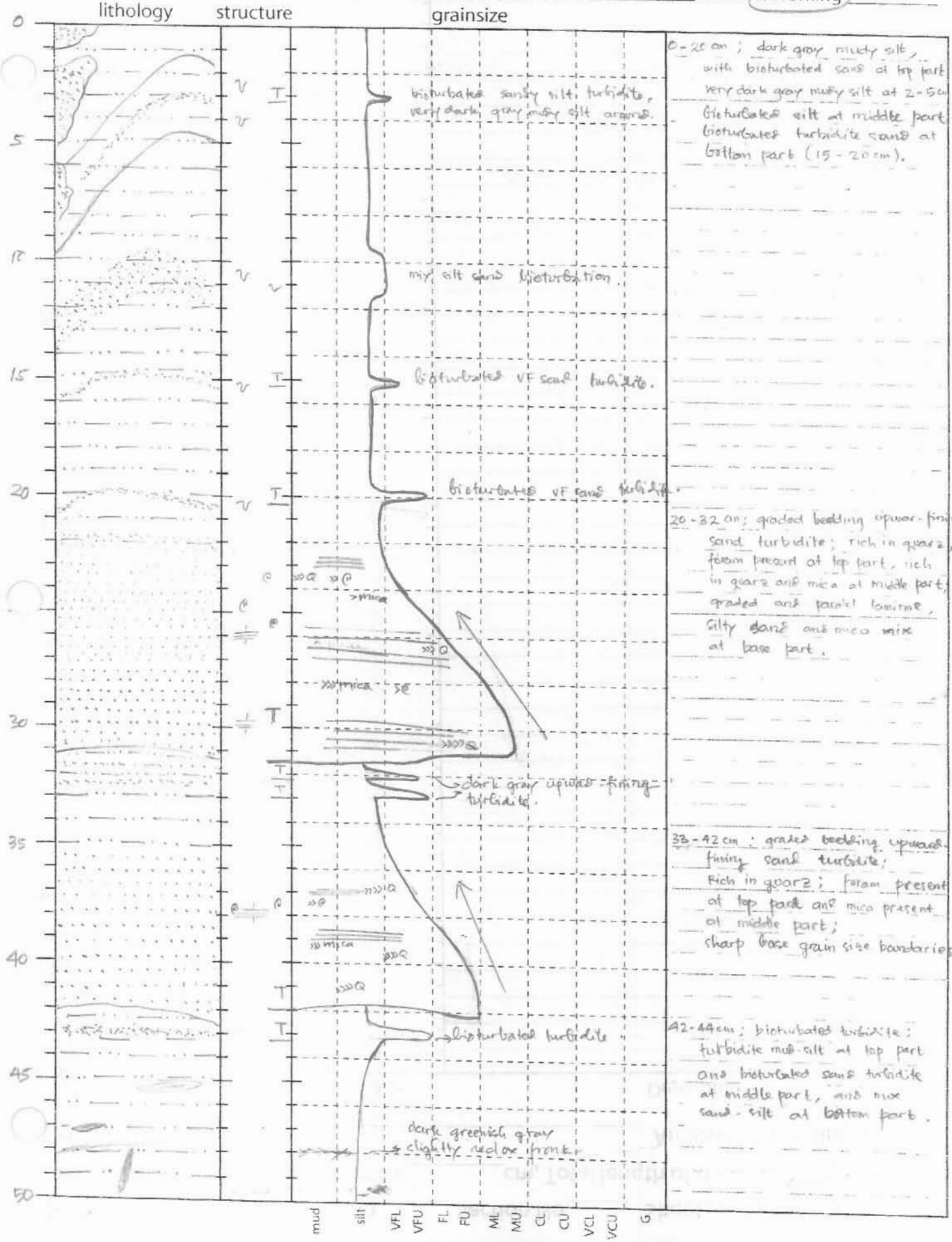
139.7 to 140.7 cm: grn grey vf sand

140.7 to 141 cm: grn grey vf to f sand

141 to 166.5: greenish grey silty vf-f sand with 2 faint textural lams. too small to sample at 143 and 143.5 cm (2 mm thick)

CORE LOG Core No. RR0705 - 89 PC Section No. 3 of 4 (166.5 - 318) sheet 1 of 4

Date 07 JUNE 07 Described by SAPTA Archive/Working



0 - 20 cm ; dark gray muddy silt, with bioturbated sand at top part (3) very dark gray muddy silt at 2-5cm ; Bioturbated silt at middle part (10-11). bioturbated turbidite sand at bottom part (15 - 20 cm).

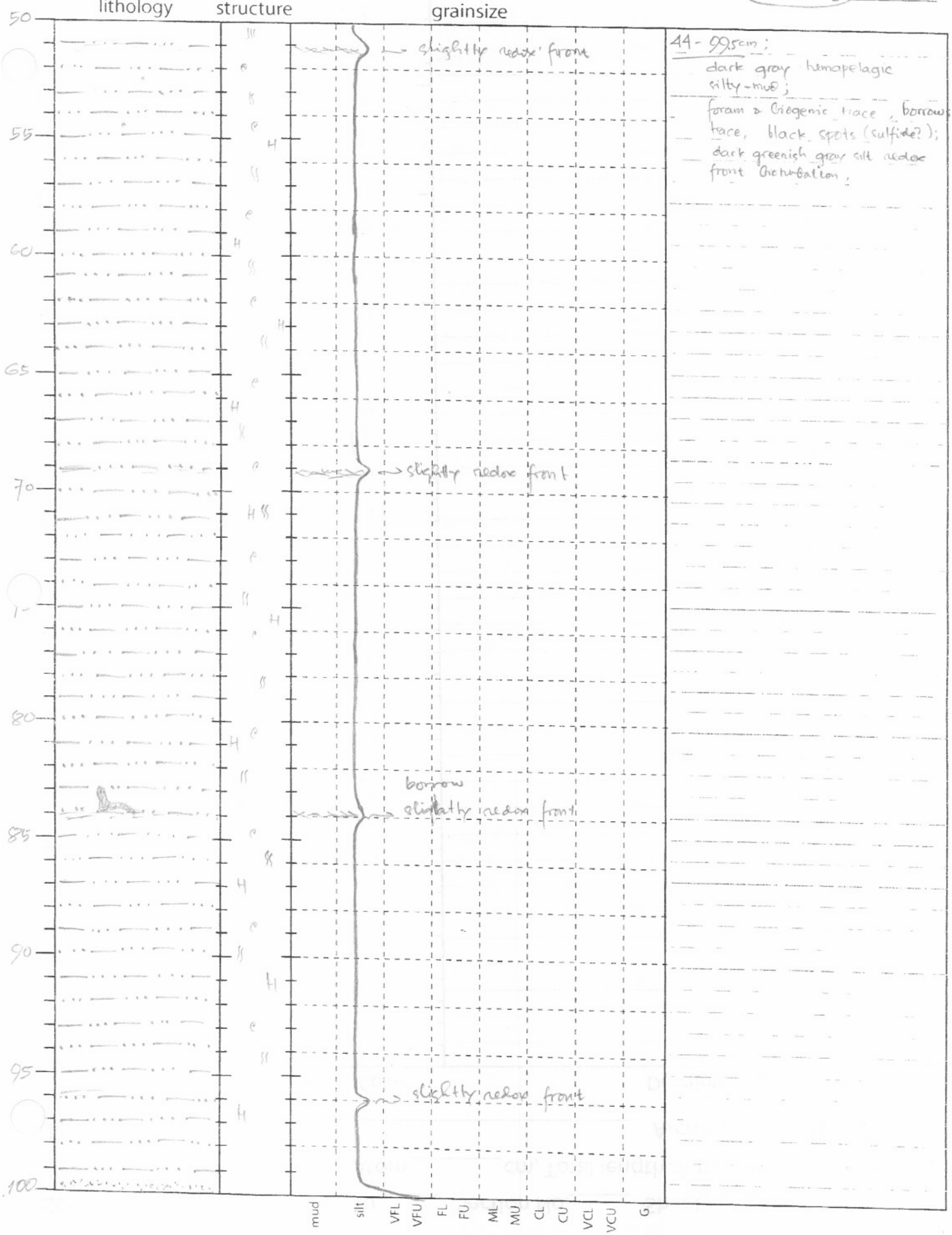
20 - 32 cm ; graded bedding upward-fining sand turbidite ; rich in quartz, foram present at top part, rich in quartz and mica at middle part; graded and parallel laminae, silty sand and mica mix at base part.

33 - 42 cm : graded bedding upward-fining sand turbidite; Rich in quartz ; foram present at top part and mica present at middle part; sharp base grain size boundaries.

42 - 44cm ; bioturbated turbidite : turbidite mud-silt at top part and bioturbated sand turbidite at middle part, and mix sand - silt at bottom part.

CORE LOG Core No. RR0705-89PC Section No. 3 of 4 sheet 2 of 4

Date 07 JUNE 07 Described by SAPTA Archive/Working



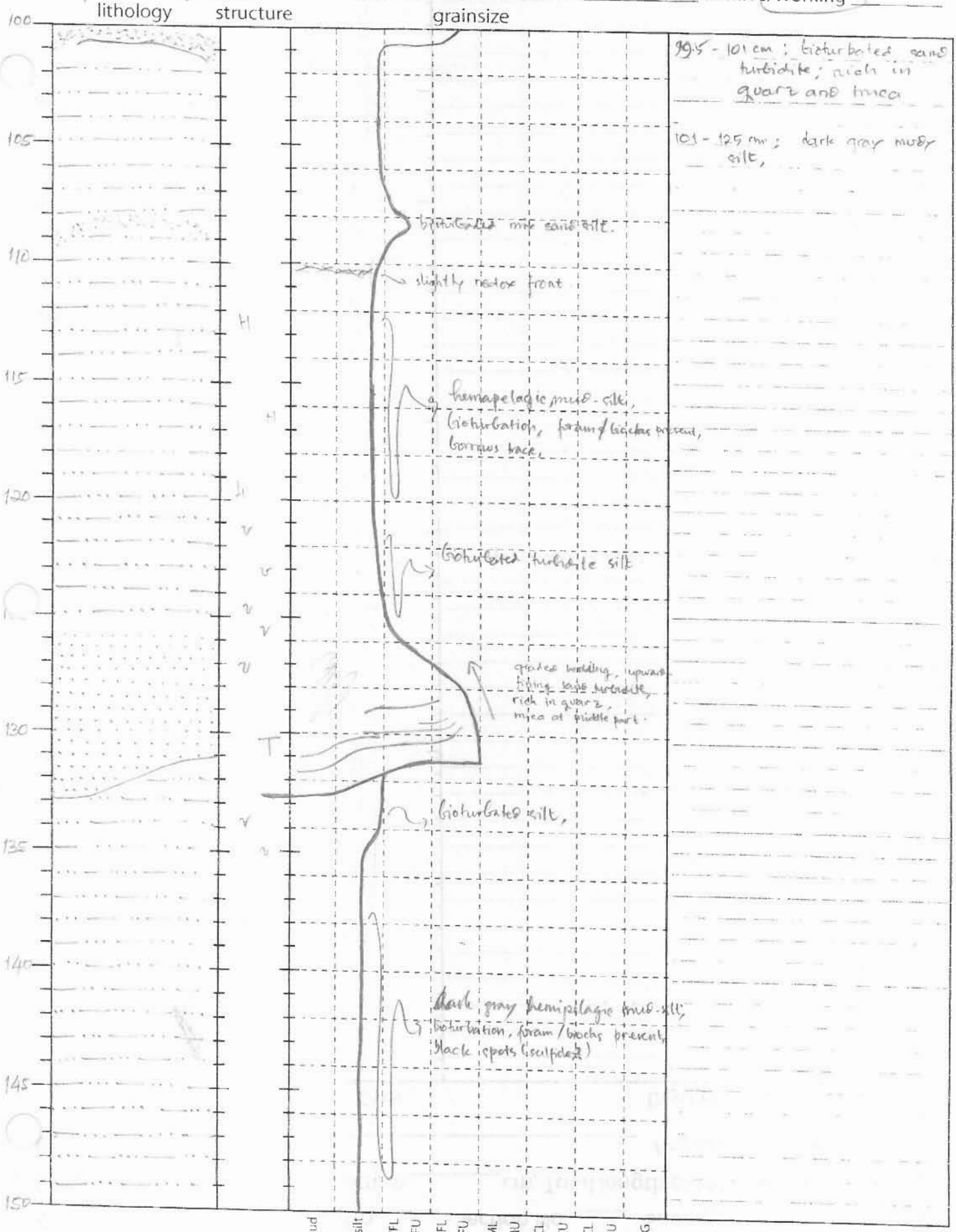
44-99.5cm;

dark gray hemipelagic silty-mud;

foram & biogenic trace, borrow trace, black spots (sulfide?); dark greenish gray silt redox front bioturbation.

CORE LOG Core No. RR0705 - 89PC Section No. 3 of 4 sheet 3 of 4

Date 07 JUNE 07 Described by SAPTA Archive/Working



99.5 - 101 cm ; bioturbated sand turbidite ; rich in quartz and mica

101 - 125 cm ; dark gray muddy silt,

CORE LOG Core No. RR 0705 - 89 PC Section No. 3 of 4 sheet 4 of 4

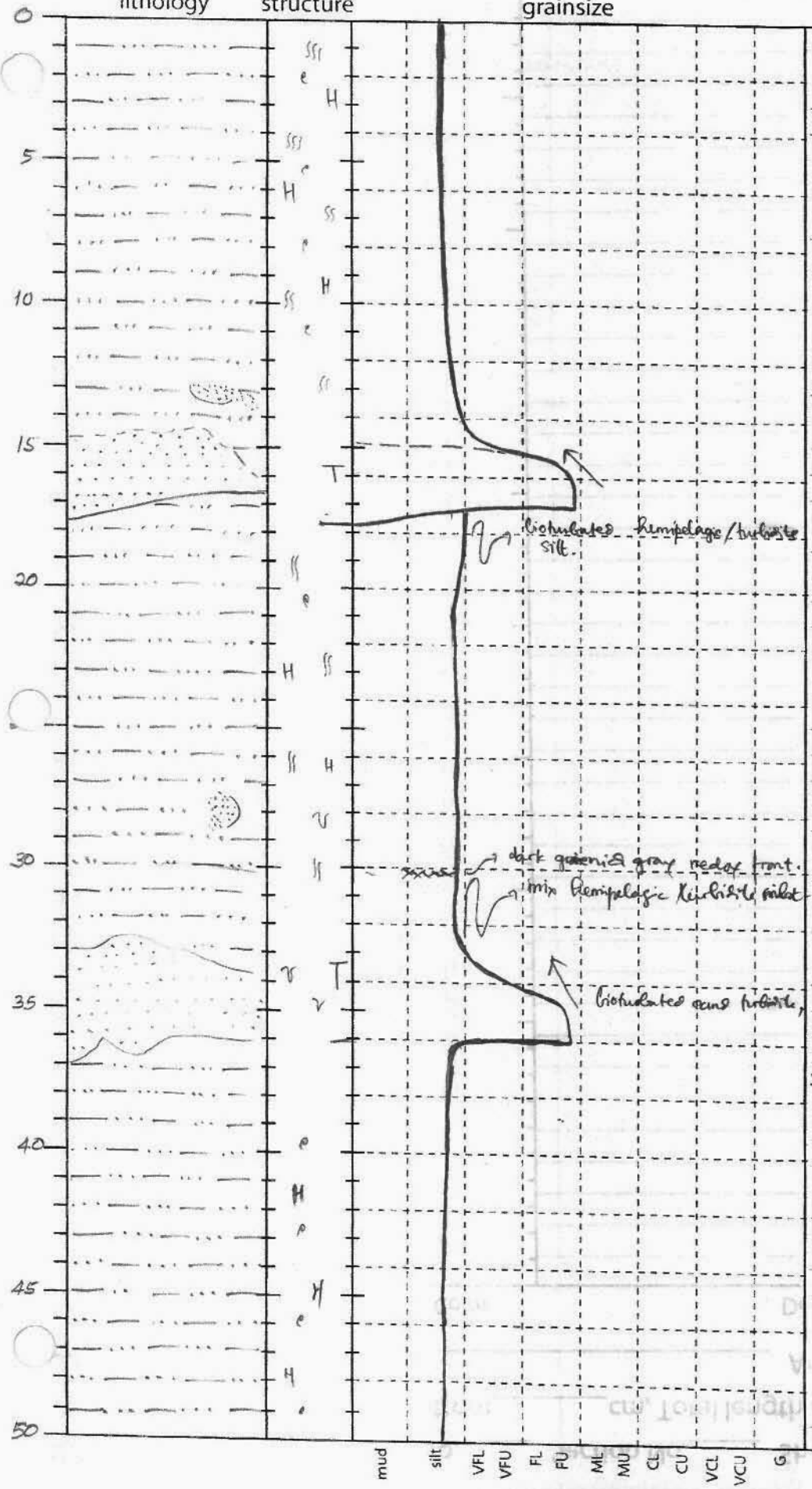
Date 07 JUNE 07 Described by SAPTA Archive/Working

150	lithology	structure	grainsize
			→ as above —
	END of SECTION 3		(166.5 - 318 cm)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-89 PC Section No. 4 of 4 (318.-438) sheet 1 of 3

Date 07 JUNE 07 Described by SAPTA Archive/Working



0-15 cm; dark gray mud-silt; black specks, foram/bioclas borrow sand at bottom part,

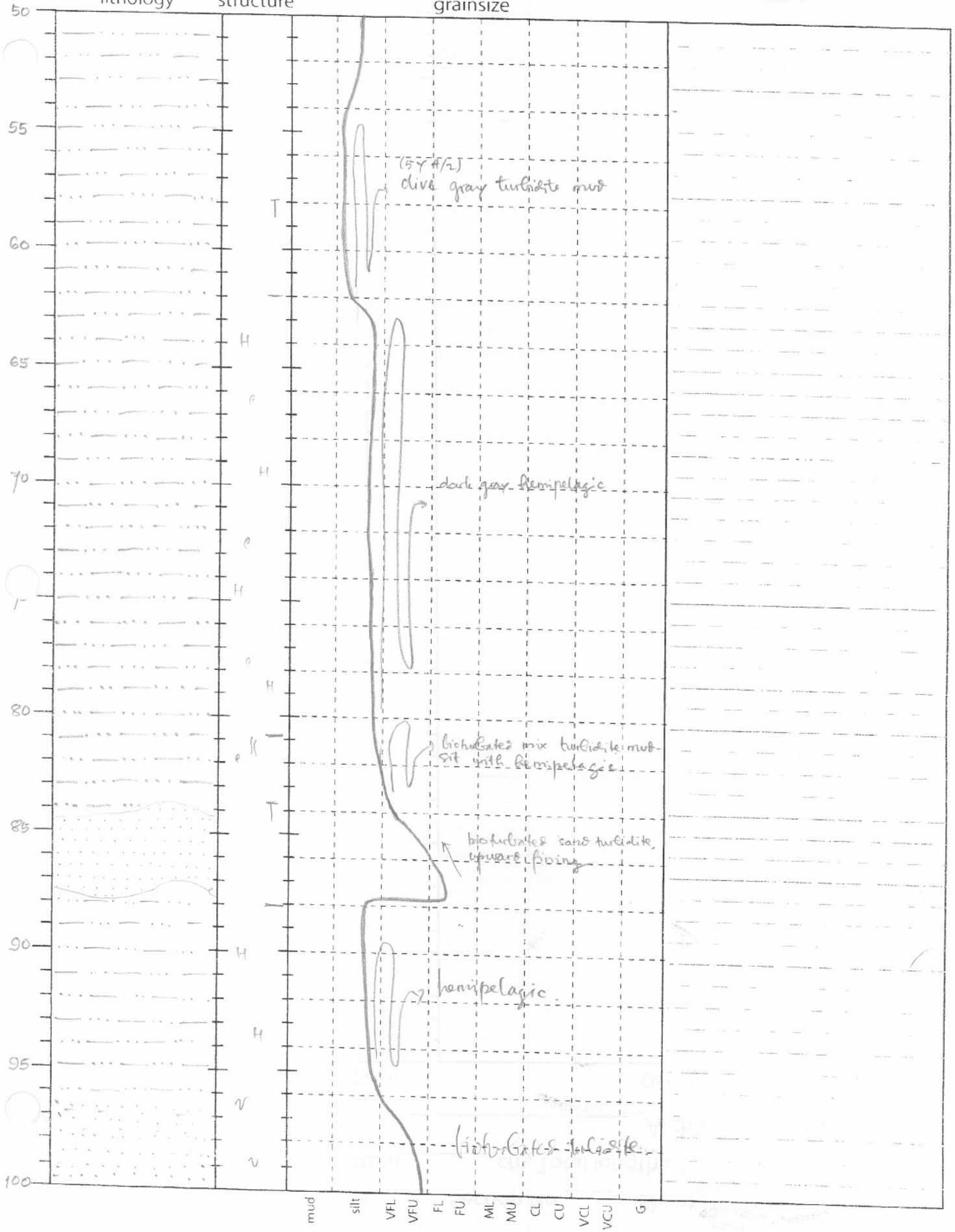
15-17.5 cm; graded upward-fining sand turbidite; rich in quartz, mica present at middle part.

17.5-36 cm: turbidite unit; upward-fining; bioturbated sand at bottom part, borrow sand at 28 cm, dark gray hemipelagic mud-silt at middle part, chalk fragment, mix turbidite silt-hemipelagic at top part.

36-50 cm; dark gray muddy silt; mix bioturbated silt-hemipelagic at top part and hemipelagic down part,

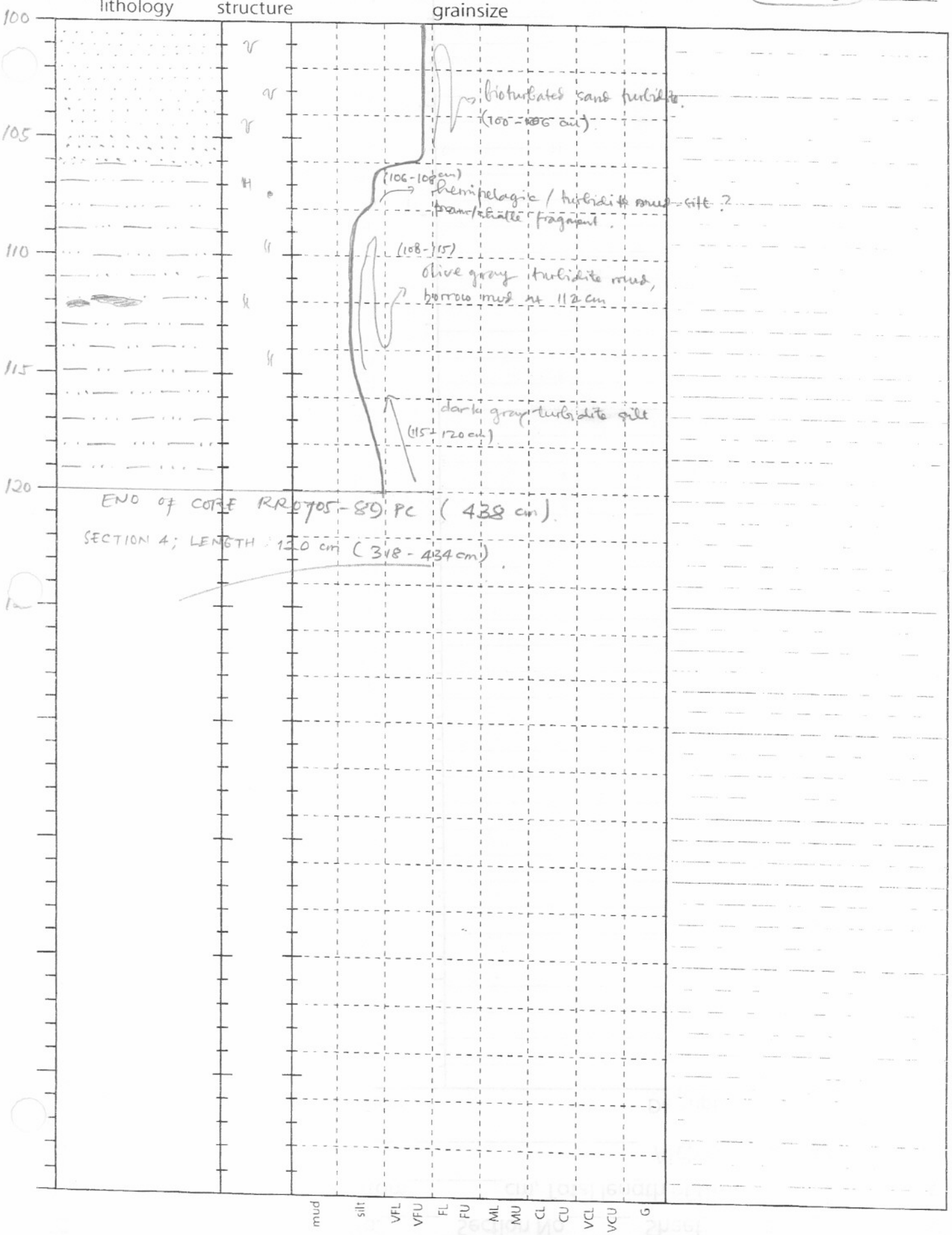
CORE LOG Core No. RR0705 - 89 PC Section No. 4 of 4 (318 - 438) sheet 2 of 3

Date 07 JUNE 07 Described by SARTA Archive/Working



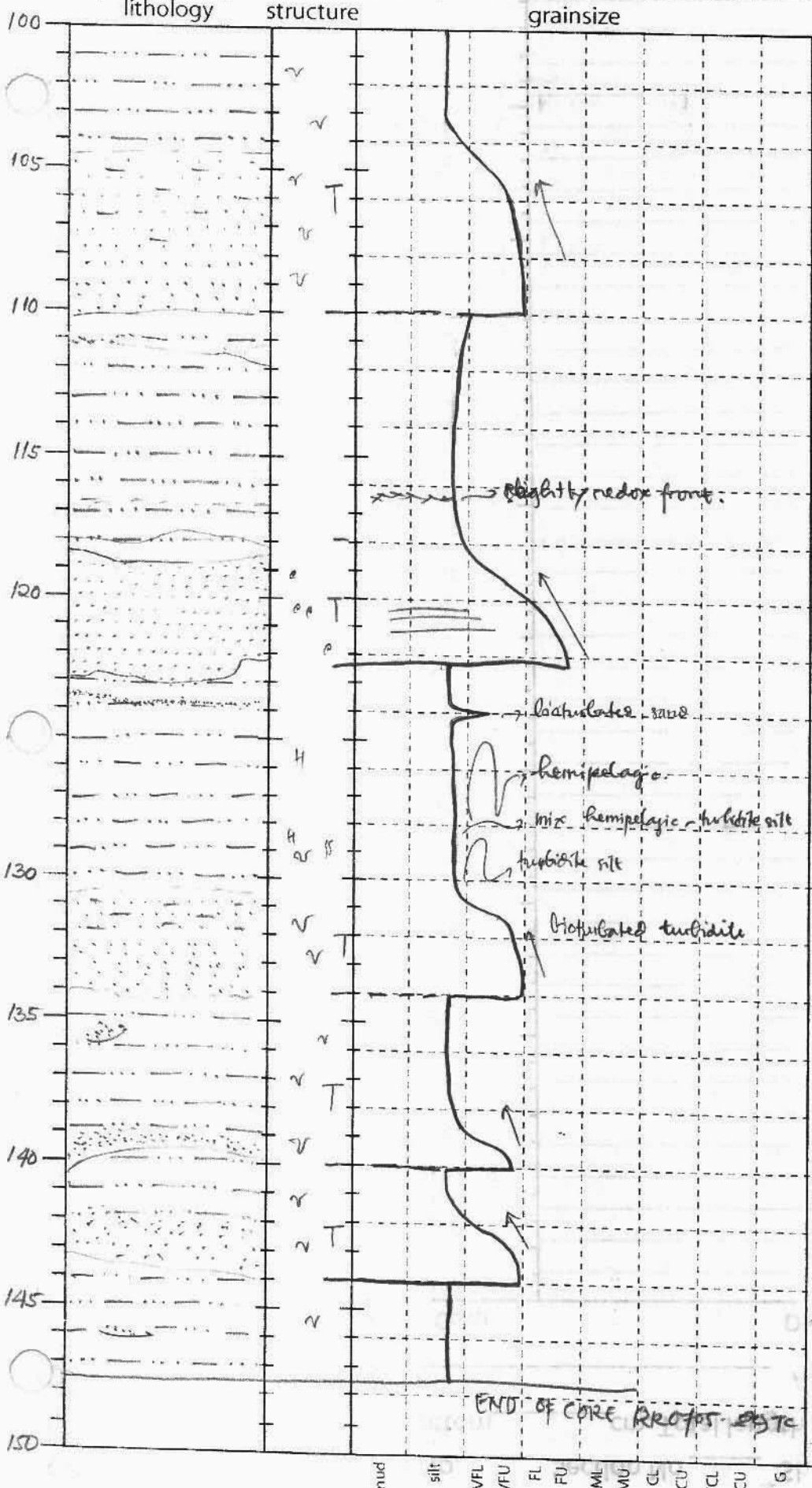
CORE LOG Core No. RR0705 - 89 PC Section No. 4 of 4 sheet 3 of 3

Date 07 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 89 PC Section No. 1 of 1 (0-147.5) sheet 3 of 3

Date 07 JUNE 07 Described by SAPTA Archive/Working



100 - 110 cm : a bioturbated turbidite unit, upward - fining; bioturbated sand burrow silt at bottom part; mix hemipelagic and turbidite silt at top part.

110 - 118.5 cm : dark gray - olive gray hemapelagic; dark gray mix hemipelagic - turbidite silt at top and bottom part.

118 - 122.5 cm graded upward fining turbidite; rich in quarz and foram present at top, mid and bottom part, sharp base grain size boundary.

134 - 140 cm : upward fining turbidite, bioturbation.

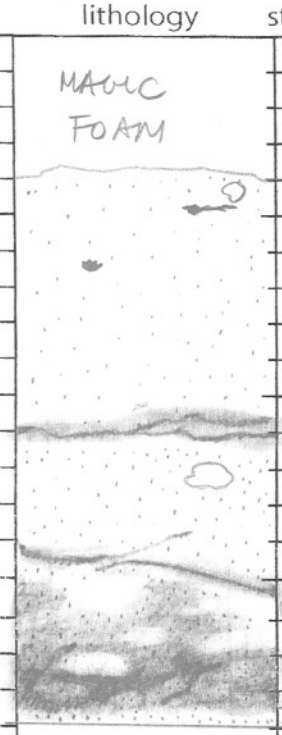
140 - 144 cm : — as above

144 - 147.5 cm : bioturbated silt.

(147.5 a)

CORE LOG Core No. RR0705-90MC Section No. ~~Section No.~~ TUBE 6 (19 CM) sheet 1 of 1

Date 08/06/07 Described by ZORAIDA Archive/Working



lithology structure grainsize

0 5 10 15 20 25 30 35 40 45 50

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

MAGIC FOAM

4-9'5 CM: OLIVE (5Y 4/3) VERY FINE SAND LAYER WITH FORAMS AND DARK BROWNISH OX. SPOTS (4'5, 6'). IT'S NOT VERY CLEAR BUT THERE IS A SILT BALL WITH A BLUEWISH COLOURATION (MAYBE BURROW?).

10-13'5/14 CM: OLIVE (5Y 4/4) V. FINE SAND WITH A BROWNISH OX. LAYER (10'5-11) / 1CM Ø SILT BALL WITH A BLUEWISH COLOURATION / FORAMS.

14-19 CM: UPWARD GRAINSIZE DECREASING SEQ. FROM FINE TO V.F. SAND. / BOTTOM: DARK GREENISH GRAY FINE SANDS WITH BLACK MICAS (18'5-19) → VERY DARK GRAYISH BROWN OX. V.F. FINE SAND WITH FORAMS AND A DARK GREENISH GRAY SPOTS (BIOTURBATION?) (16-18'5) → TOP: OLIVE (5Y 4/4) V.F SAND WITH A DARK BROWNISH OX LAYER (14-18'5) VERY BIOTURBATED

END OF THE CORE (19 CM).

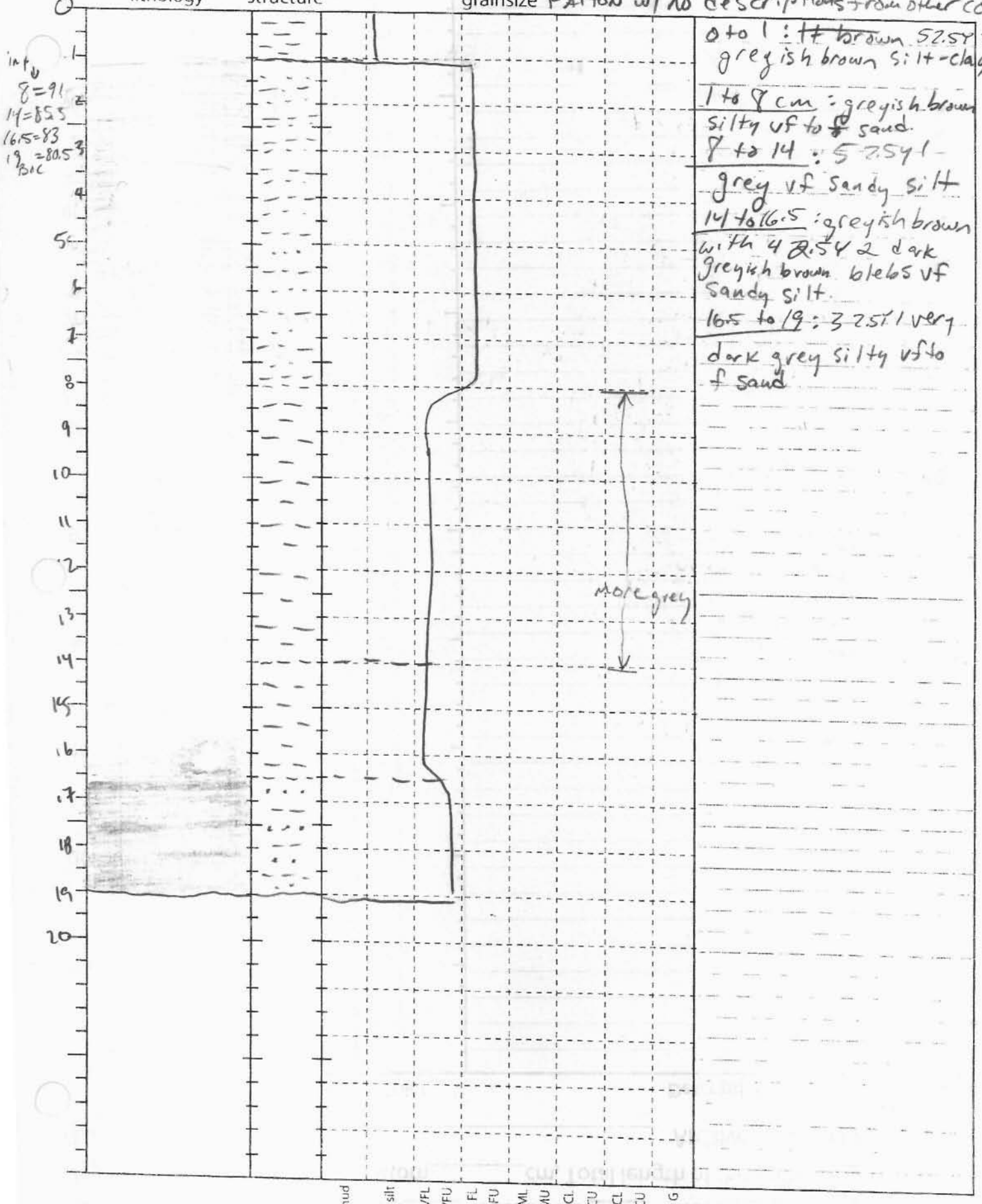
DARK GREENISH GRAY (4/10Y - 4/1) SPOTS / FORAMS / Ø1 CM SILT BALL WITH BLUEWISH COLOURATION.

SS: 1# 5 CM (DARK BROWN SPOT)
~~2#~~ 7 CM.
3# 10 CM (LIGHT BROWNISH OX.)
4# 12 CM (SILTY BURROW?)
5# 14 CM.
6# 15'5 CM.
7# 17 CM.
8# 18 CM
9# 18'5 CM

CORE LOG Core No. 070590mC7 Section No. (1) sheet (2) of ~~(2)~~ (3)

Date 6/6/07 Described by PATTON Archive/Working

lithology structure grainsize PATTON w/ no descriptions from other cores



0 to 1 : ~~tt brown~~ 5Z 5.5Y 2 greyish brown silt-clay

1 to 8 cm : greyish brown silty vf to ~~f~~ sand.

8 to 14 : 5Z 5.5Y 1 grey vf sandy silt

14 to 16.5 : greyish brown with 4 2.5Y 2 dark greyish brown blebs vf sandy silt.

16.5 to 19 : 3 2.5Y 1 very dark grey silty vf to f sand

0705 90MC7

CORE LOG Core No. ~~90 MC~~ Section No. ~~#4~~ ① 0705 90MC07 sheet ① of ~~2~~ 3

Date 6/6/07 Described by PATTON / VIEZCAINO Archive/Working

lithology structure grainsize PATTON = non quotes Alexis = quotes from stratigraphic units of 90MC2

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

0 to 1 - lt brown silt "forams, burrows olive green, holes < 1mm"

1 to 2.5 cm "olive green (slightly more grey)" vf to m sand

2.5 to 6 "silty olive grey highly bioturb w/ forams & bio clasts" mafic minrls "dark spots" "inside burrows finer" darker @ base of unit vf sandy silt

6 to 10 cm: lt brown clay-silt "olive green"

10 to 14.5 cm 5GY 6/1 greenish grey silty vf sand

14.5 cm to 16 cm slightly more brownish color silty vf sand

16 to 18 cm 4/4 olive looks more oxidized silty vf sand, darker brown lams.

BOC

CORE LOG Core No. 070590MC7 Section No. _____ sheet 3A of 3

Date 6/6/07 Described by ZORAIDA descr. PATTON ~~notes~~ Archive/Working

↳ 1st layer

lithology | structure | grainsize | descr

0 to 0.5 cm: silt to vf sand
forams, burrows, black micas
green olive grey

0.5 to 1 cm silt to vf sand
black + clear micas

1 to 1.5 cm vf to m sand
olive grey

1.5 to 2 cm: vf to m sand
micas.

2 to 2.5 cm vf to m sand
30% silt

2.5 to 3 cm vf sandy (silty sand)
silt 30% olive grey

~~sand~~ silty sand

3 to 3.5 cm vf sandy silt 30%
olive grey w/ black micas

3.5 to 4 cm vf sandy silt 30%
1 to 3 mm ichnofossils (burrow?)

4 to 4.5 cm silty vf sand
burrows 1 to 5 cm. 0 1 5 2

% sand vague estimate

4.5 to 5 cm olive grey
silty vf sand ~~burr~~
burrows brownish layers. (ox?)
sampled to deep

5 to 6 cm: olive grey
silty vf sand burrows
long + narrow 3 x 20 mm
darker brown regions (ox?)
inside samples (to avoid
water pb mobilization)

vf sandy silt

6 to 7 cm olive grey
~~vf~~ silt trace vf. sand

burrows 1x2 to 3x3 mm
dker brown regions. ox

7 to 8 cm vf sandy silt 50/50?

8 to 9 cm silty v.f. sand
darker olive grey burrow 3x4 mm
darker brown regions

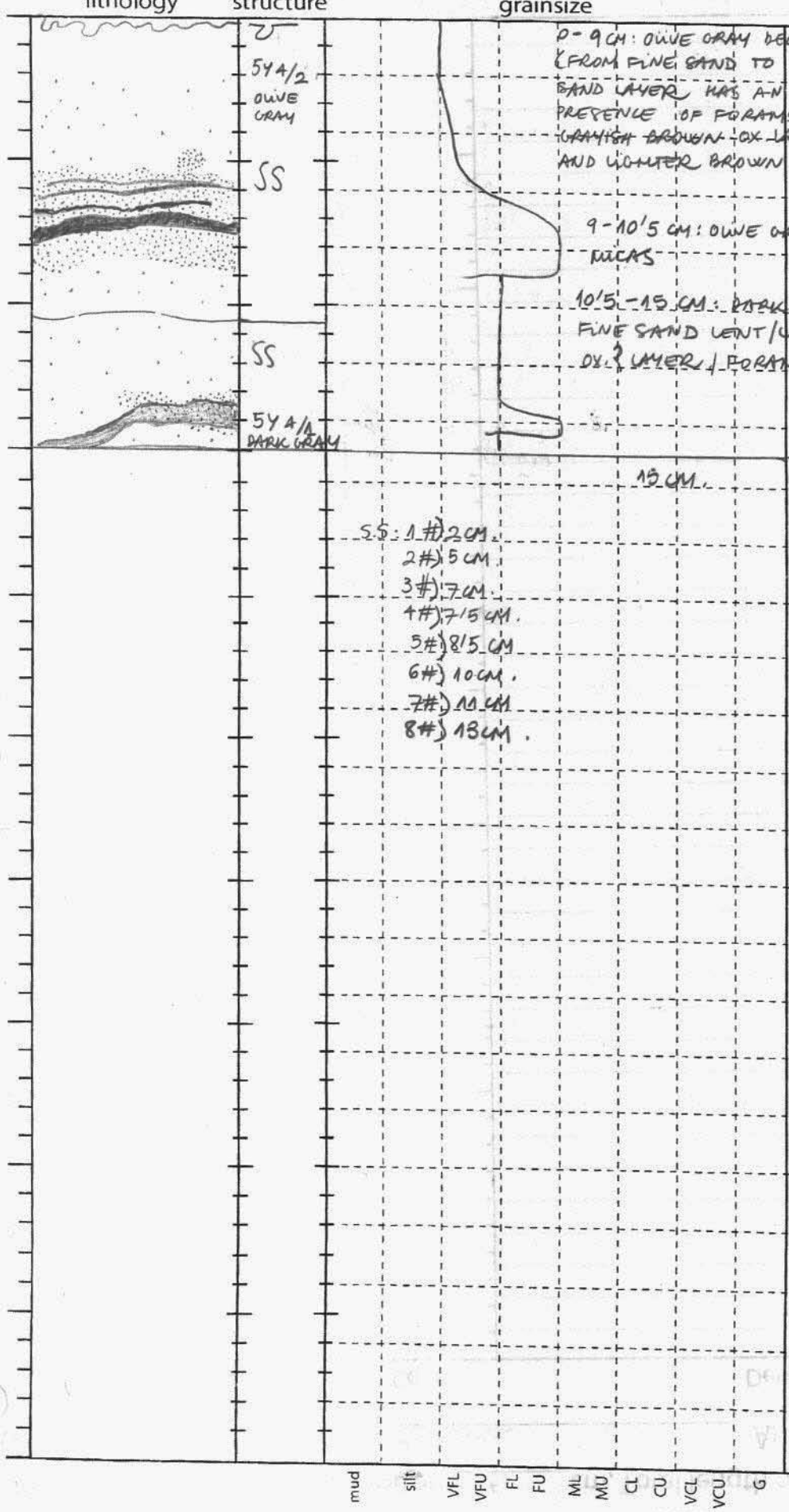
9 to 10 olive grey silty sand
slightly more blue grey

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

see other page →

CORE LOG Core No. RR0705-91MC-8 Section No. 8 sheet 1 of 1

Date 08/06/07 Described by Zorro Archive/Working



0-9 CM: OLIVE GRAY DECREPING GRAINSIZE UPWARD SEQUENCE (FROM FINE SAND TO SILT / THE UPPER BOUNDARY OF THE SAND LAYER HAS AN IRREGULAR SHAPE (BIOTURBATION) PRESENCE OF FORAMS AND BLACK MICAS / VERY DARK GRAYISH BROWN OX LAYERS (2.5Y 3/2) (6/5 / 7/5-8). AND LIGHTER BROWN OX LAYERS (6)

9-10'5 CM: OLIVE GRAY V. FINE SAND / FORAMS / BLACK MICAS

10'5-15 CM: DARK GRAY V. FINE SAND WITH A FINE SAND LENT / LAYER? AND A VERY LIGHT BROWN OX.? LAYER / FORAMS / BLACK MICAS.

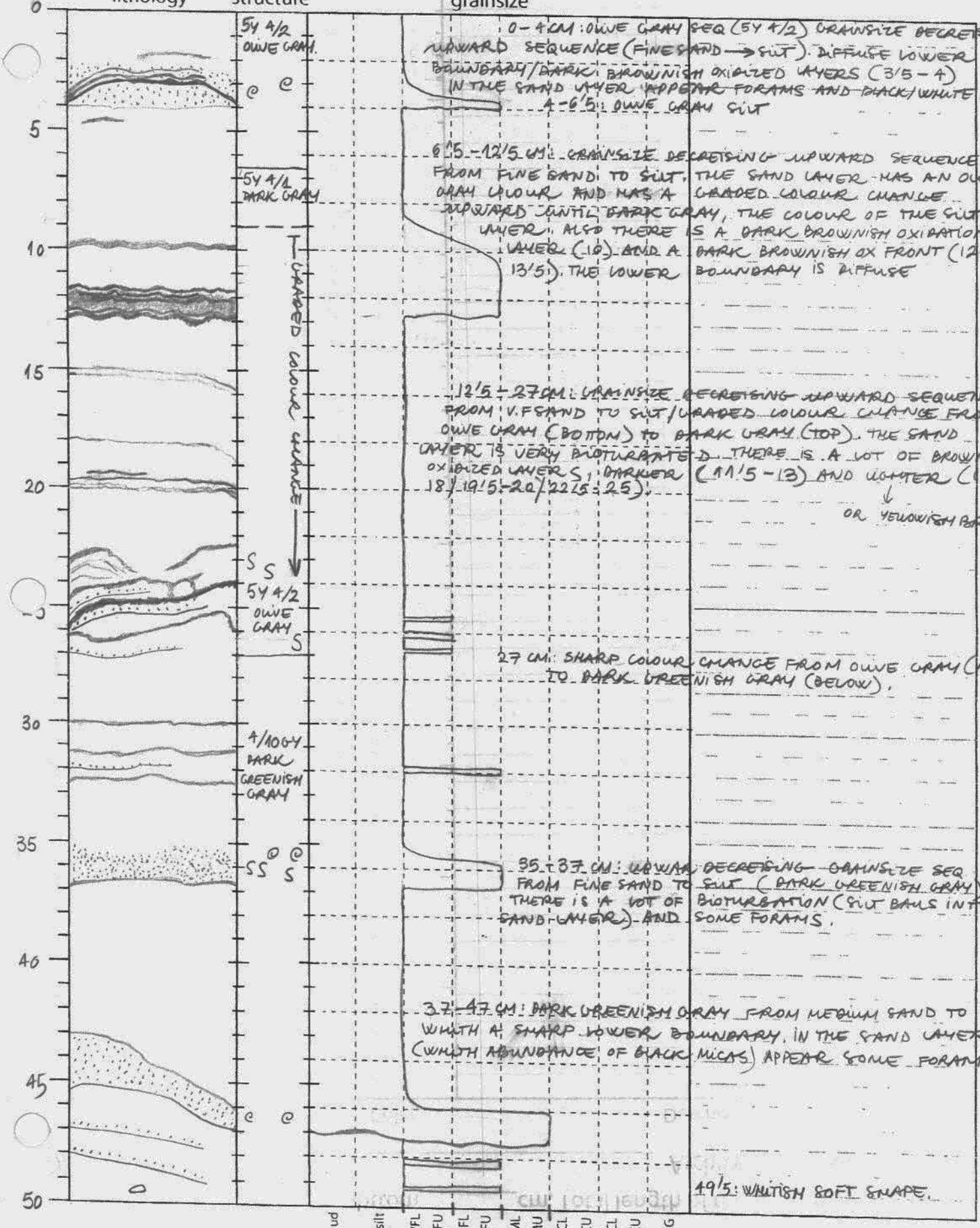
15 CM.

END OF SECTION

S.S: 1#) 2 CM.
2#) 5 CM
3#) 7 CM.
4#) 7'5 CM.
5#) 8'5 CM
6#) 10 CM.
7#) 11 CM
8#) 13 CM.

CORE LOG Core No. RR0705-92TC Section No. 1 OF 1 sheet 1 of 3

Date 07/05/07 Described by ZORAIRA Archive/Working



0-4 CM: OLIVE GRAY SEQ (5Y 4/2) GRAINSIZE DECREASING UPWARD SEQUENCE (FINE SAND → SILT). DIFFUSE LOWER BOUNDARY/DARK BROWNISH OXIDIZED LAYERS (3/5-4) IN THE SAND LAYER APPEAR FORAMS AND BLACK/WHITE MICAS

4-6'5: OLIVE GRAY SILT

6'5-12'5 CM: GRAINSIZE DECREASING UPWARD SEQUENCE FROM FINE SAND TO SILT. THE SAND LAYER HAS AN OLIVE GRADED COLOUR CHANGE UNTIL DARK GRAY, THE COLOUR OF THE SILT LAYER. ALSO THERE IS A DARK BROWNISH OXIDATION LAYER (10) AND A DARK BROWNISH OX FRONT (12/5-13/5). THE LOWER BOUNDARY IS DIFFUSE

12'5-27 CM: GRAINSIZE DECREASING UPWARD SEQUENCE FROM V.F SAND TO SILT/GRADED COLOUR CHANGE FROM OLIVE GRAY (BOTTOM) TO DARK GRAY (TOP). THE SAND LAYER IS VERY BIOTURBATED. THERE IS A LOT OF BROWNISH OXIDIZED LAYERS, DARKER (11'5-13) AND LIGHTER (15/ ↓ OR YELLOWISH BROWN 18/ 19'5-20/ 22'5-25).

27 CM: SHARP COLOUR CHANGE FROM OLIVE GRAY (ABOVE) TO DARK GREENISH GRAY (BELOW).

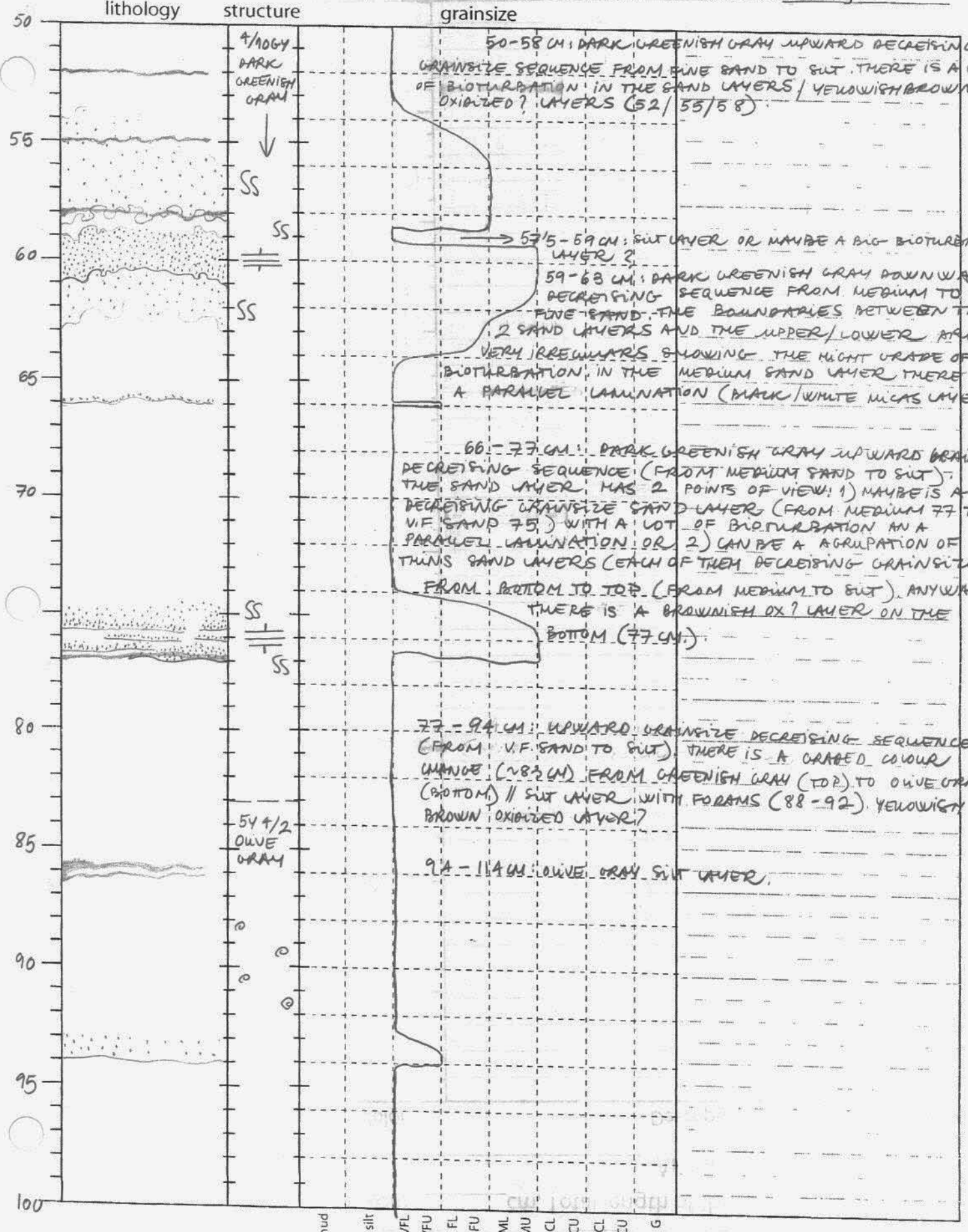
35-37 CM: UPWARD DECREASING GRAINSIZE SEQ FROM FINE SAND TO SILT (DARK GREENISH GRAY) THERE IS A LOT OF BIOTURBATION (SILT BALLS INTO SAND LAYER) AND SOME FORAMS.

37-47 CM: DARK GREENISH GRAY FROM MEDIUM SAND TO SILT. WITH A SHARP LOWER BOUNDARY. IN THE SAND LAYER (WITH ABUNDANCE OF BLACK MICAS) APPEAR SOME FORAM.

49'5: WHITISH SOFT SHAPE.

CORE LOG Core No. RR0705-92TC Section No. 1 sheet 2 of 3

Date 07/05/07 Described by ZORAIDA Archive/Working



50-58 CM: DARK GREENISH GRAY UPWARD DECREISING GRAINSIZE SEQUENCE FROM FINE SAND TO SILT. THERE IS A LOT OF BIOTURBATION IN THE SAND LAYERS / YELOWISH BROWN OXIDIZED? LAYERS (52/ 55/58).

→ 57'5-59 CM: SILT LAYER OR MAYBE A BIG BIOTURBATED LAYER?

59-63 CM: DARK GREENISH GRAY DOWNWARD DECREISING SEQUENCE FROM MEDIUM TO FINE SAND. THE BOUNDARIES BETWEEN THE 2 SAND LAYERS AND THE UPPER/LOWER ARE VERY IRREGULARS SHOWING THE HIGHT GRADE OF BIOTURBATION. IN THE MEDIUM SAND LAYER THERE IS A PARALLEL LAMINATION (DARK/WHITE MICAS LAYERS)

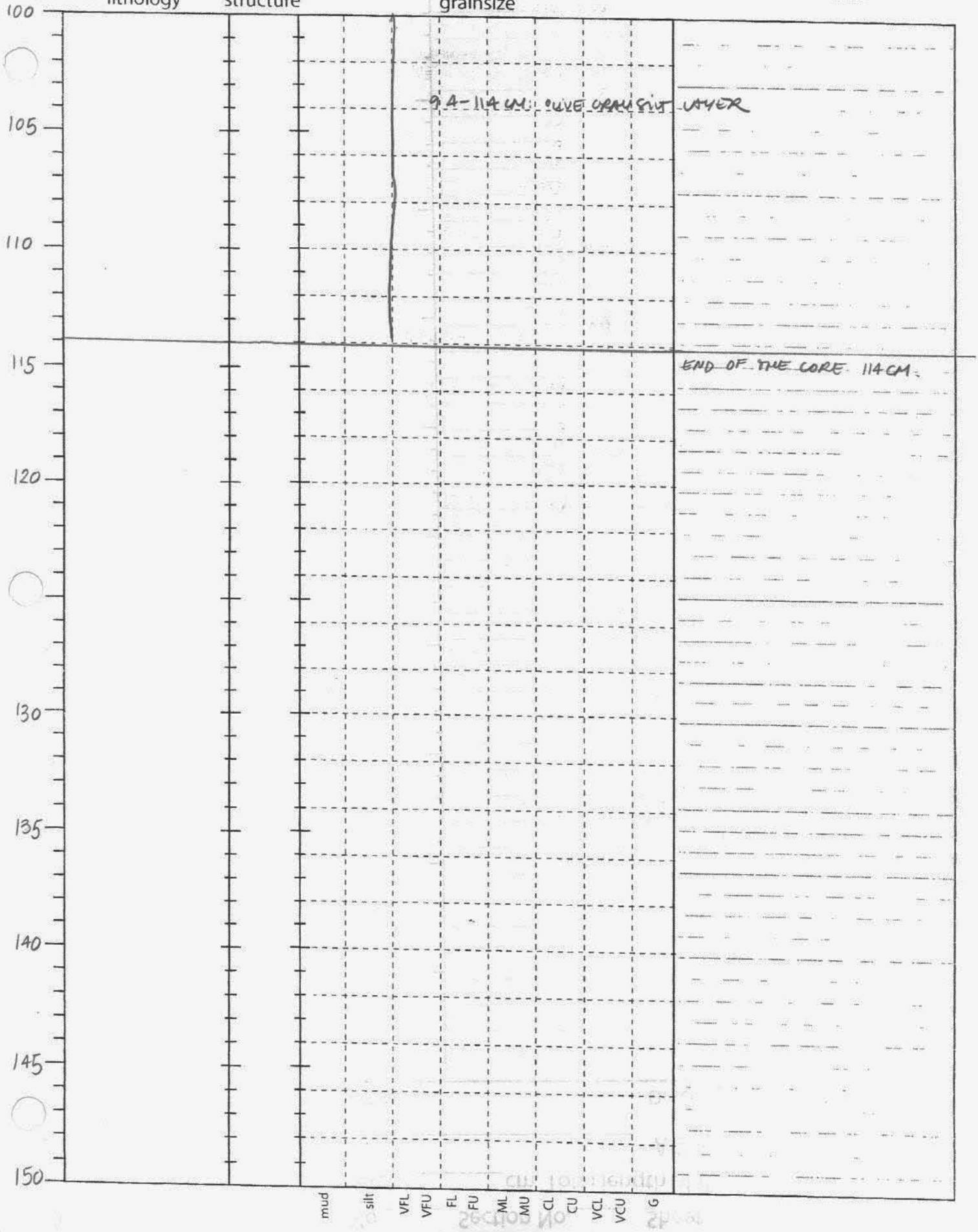
66-77 CM: DARK GREENISH GRAY UPWARD GRAINSIZE DECREISING SEQUENCE (FROM MEDIUM SAND TO SILT). THE SAND LAYER HAS 2 POINTS OF VIEW: 1) MAYBE IS A DECREISING GRAINSIZE SAND LAYER (FROM MEDIUM 77 TO V.F SAND 75) WITH A LOT OF BIOTURBATION AN A PARALLEL LAMINATION OR 2) CAN BE A AGRUPATION OF THINS SAND LAYERS (EACH OF THEM DECREISING GRAINSIZE FROM BOTTOM TO TOP (FROM MEDIUM TO SILT). ANYWAY, THERE IS A BROWNISH OX? LAYER ON THE BOTTOM (77 CM.).

77-94 CM: UPWARD GRAINSIZE DECREISING SEQUENCE (FROM V.F. SAND TO SILT). THERE IS A GRADED COLOUR CHANGE (~83 CM) FROM GREENISH GRAY (TOP) TO OLIVE GRAY (BOTTOM) // SILT LAYER WITH FORAMS (88-92). YELOWISH BROWN OXIDIZED LAYER?

94-114 CM: OLIVE GRAY SILT LAYER.

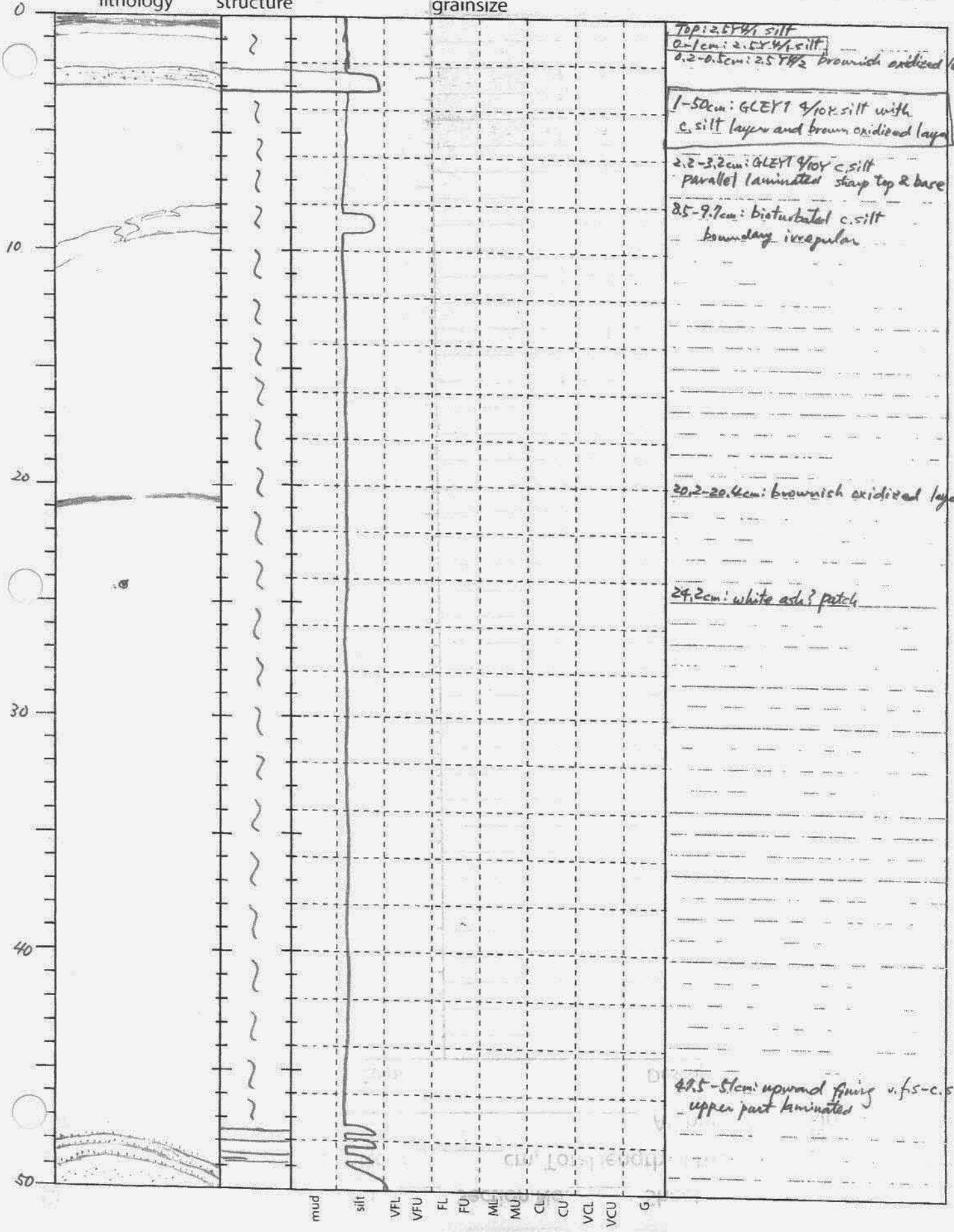
CORE LOG Core No. RR0705-92TC Section No. 1 sheet 3 of 3

Date 07/05/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-92PC Section No. 1 sheet 1 of 2

Date 07/06/2007 Described by Ken Archive/Working



Top: 2.5Y4/1 silt
0-1cm: 2.5Y4/1 silt
0.2-0.5cm: 2.5Y5/2 brownish oxidized layer

1-50cm: GLEY1 4/10Y silt with c. silt layers and brown oxidized layer

2.2-3.2cm: GLEY1 4/10Y c. silt parallel laminated sharp top & base

8.5-9.7cm: bioturbated c. silt boundary irregular

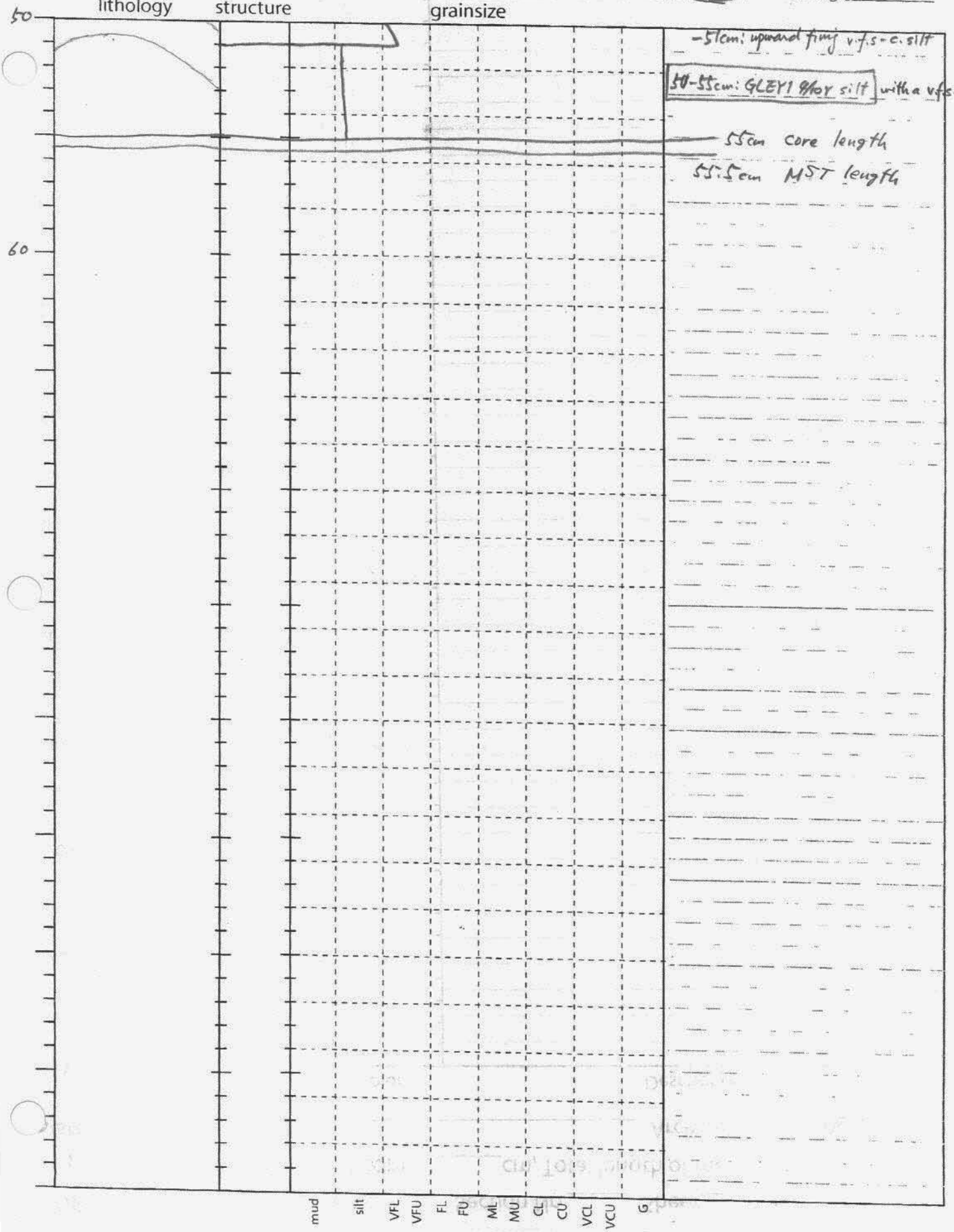
20.2-20.4cm: brownish oxidized layer

24.2cm: white ash? patch

49.5-51cm: upward fining v.f.s-c. silt upper part laminated

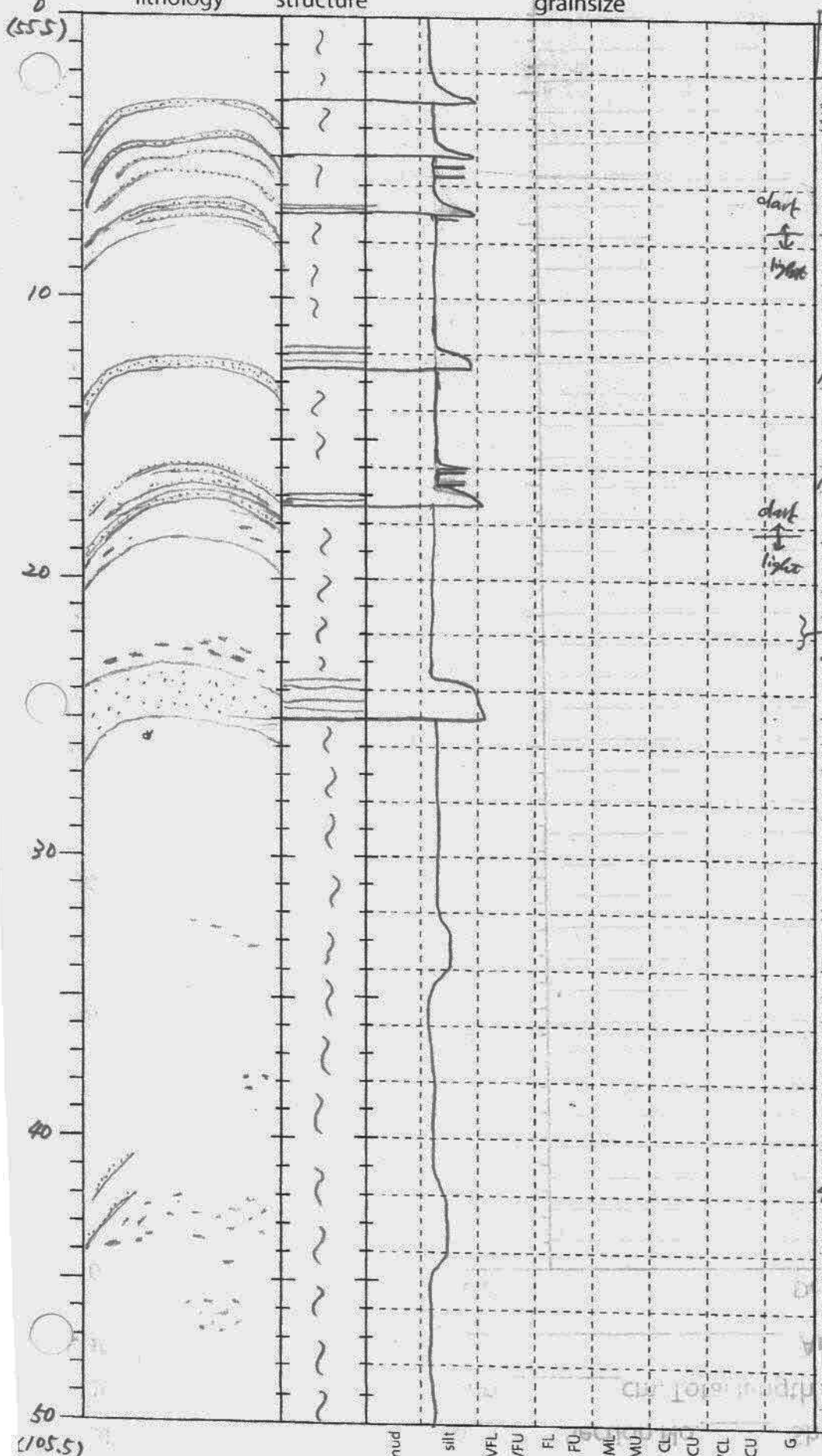
CORE LOG Core No. RR0705-92PC Section No. 1 sheet 2 of 2

Date 07/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-92PC Section No. 2 sheet 1 of 3

Date 07/06/2007 Described by Ken Archive/Working



0-50cm: GLEY1 4/10Y silt with c.silt-v.f.s. layers

3-3.3cm: c.silt sharp base partly bioturbated

4.8-5cm: c.silt sharp top & base partly bioturbated

5.4, 5.8cm: c.silt thin layer

6.7-7cm: c.silt sharp base parallel laminated partly bioturbated

9.2cm: c.silt thin layer

9.5cm: minor color boundary darker in upper boundary sharp

11.8-12.6cm: c.silt sharp top & base parallel laminated

16-17.2cm: upward fining v.f.s-c.silt parallel laminated sharp top & base

c.silt thin layer: 16., 16.2, 16.6 cm.

main sand: 16.7-17.2 cm

18.2cm: color boundary

tiny c.silt patches

23.5-25cm: parallel laminated v.f.s-c.silt

25.5cm: white ash? patch

32.5-33.5cm: tiny c.silt patches slightly coarser than the surroundings

41.5-44cm: tiny c.silt patches and discontinuous layers slightly coarser than the surroundings

CORE LOG Core No. RR0705-92PC Section No. 2 sheet 2 of 3

Date 07/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (105.5)

60

70

80

90

100 (155.5)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

50-100cm: GLEY1 4/5GY silt with tiny c. silt patches

55cm: white ash? patch

63.5-65cm: tiny c. silt patches

70-74cm: tiny c. silt patches

forams?

81-85cm: slightly coarser than upper and lower. lower boundary sharp but upper boundary irregular, bioturbated and indistinct

86-88.5cm: parallel laminated c. silt patch

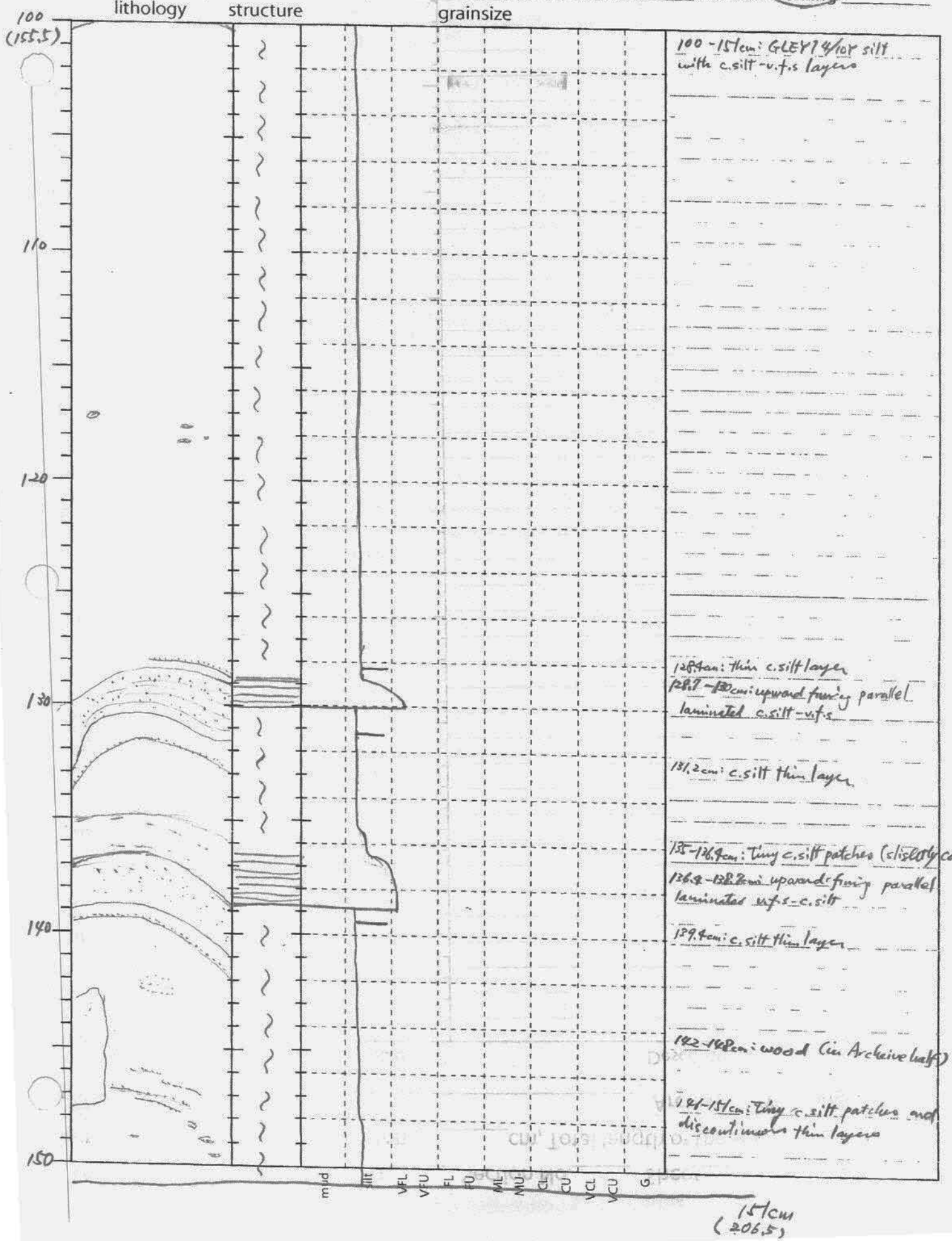
90-93cm: tiny c. silt patches

98, 98.4cm: c. silt thin layer

99.2-99.4cm: c. silt layer sharp top & base

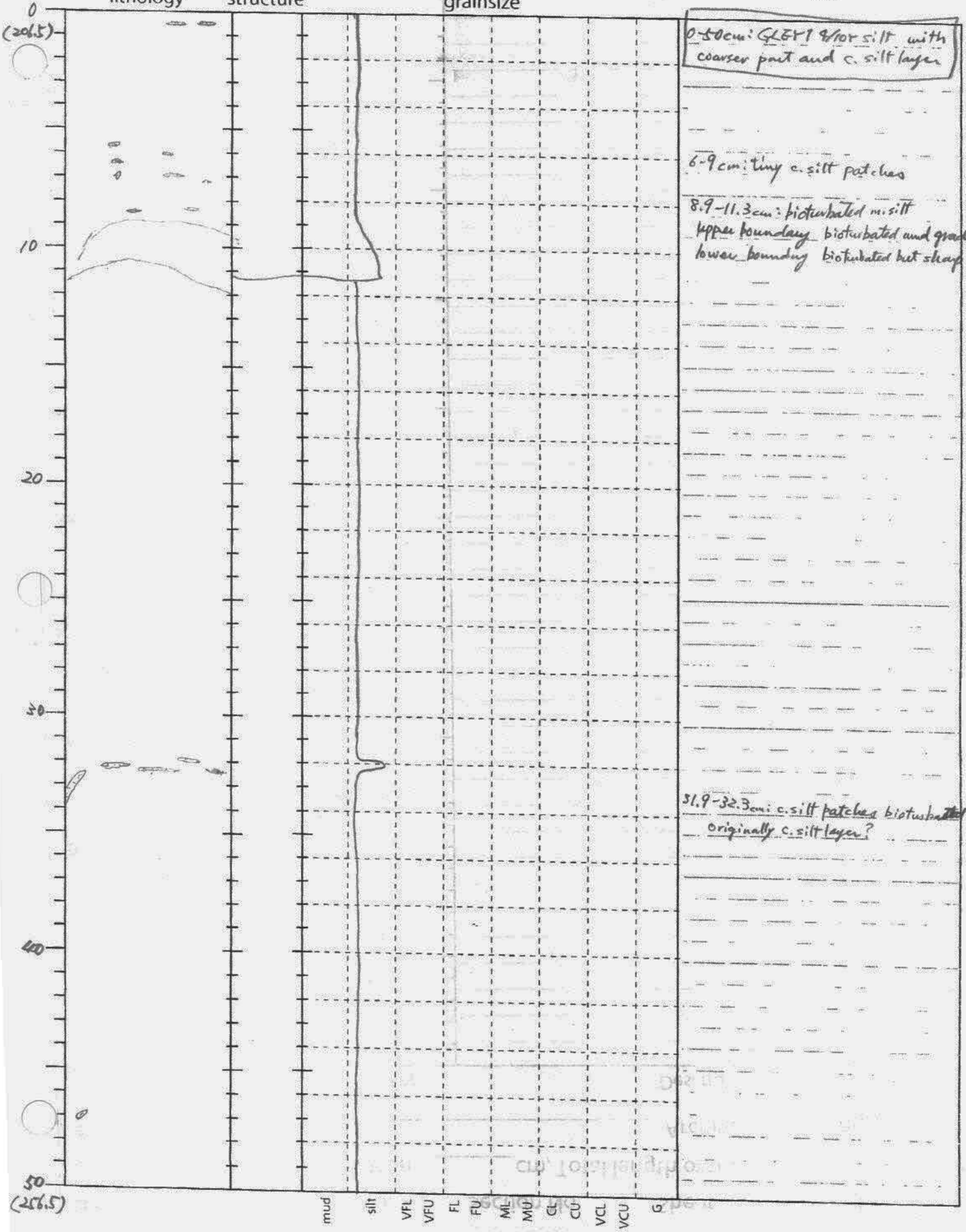
CORE LOG Core No. RR0705-92PC Section No. 2 sheet 3 of 3

Date 07/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-92PC Section No. 3 sheet 1 of 3

Date 07/06/2007 Described by Ken Archive/Working



0-5.0cm: GLEY1 8/10Y silt with coarser part and c. silt layer

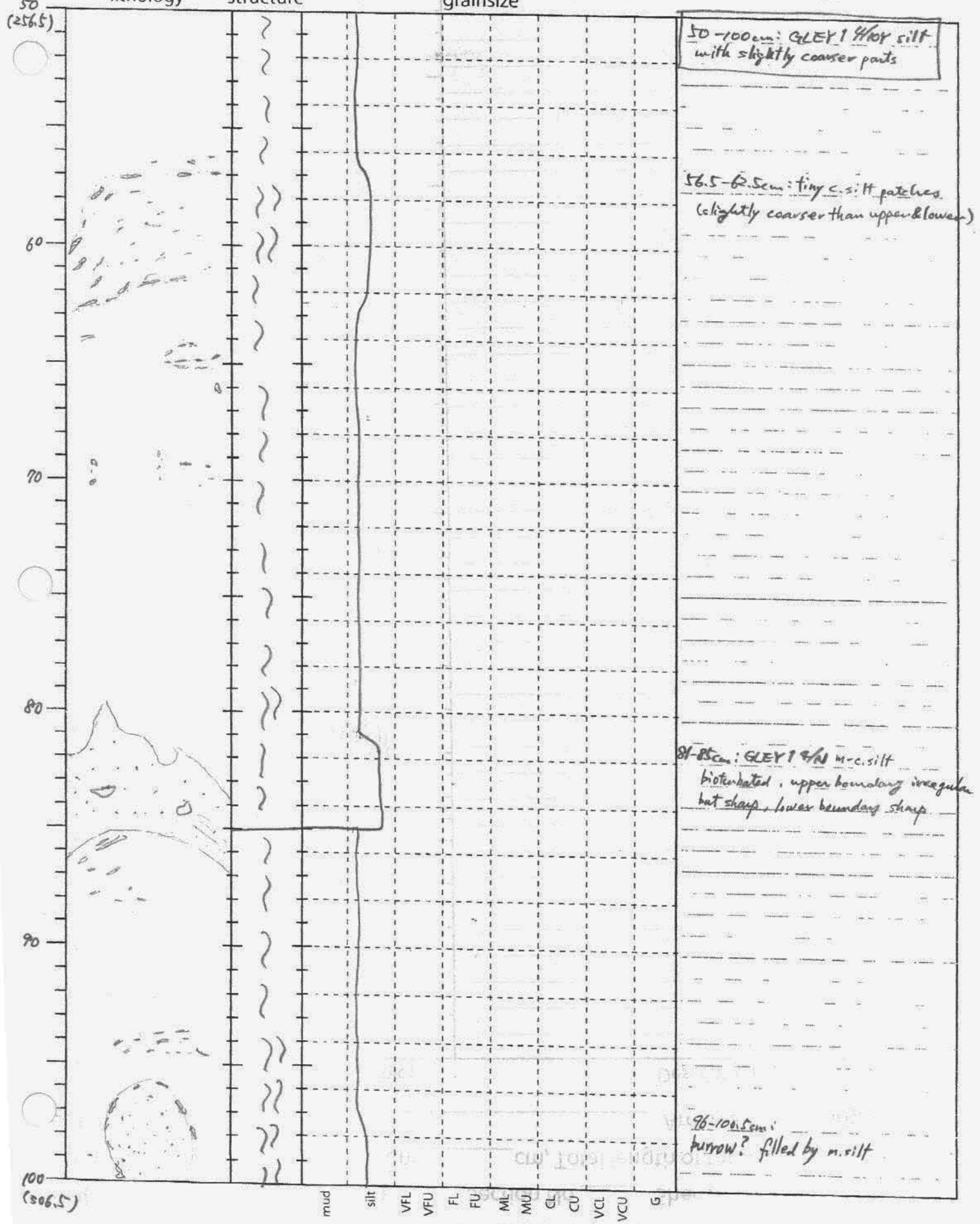
6-9 cm: tiny c. silt patches

8.9-11.3cm: bioturbated m. silt
upper boundary bioturbated and gradual
lower boundary bioturbated but sharp

31.9-32.3cm: c. silt patches bioturbated
originally c. silt layer?

CORE LOG Core No. RR0705-92PC Section No. 3 sheet 2 of 9

Date 07/06/2007 Described by Ken Archive/Working



50–100cm: GLEY 1 4/10Y silt with slightly coarser parts

56.5–62.5cm: tiny c.silt patches (slightly coarser than upper & lower)

81–85cm: GLEY 1 5/N m-c.silt bioturbated, upper boundary irregular but sharp, lower boundary sharp

96–100.5cm: burrow? filled by m.silt

CORE LOG Core No. RR0705-92PC Section No. 3 sheet 3 of 3

Date 07/06/2007 Described by Ken Archive/Working

lithology structure grainsize

100 (306.5)

110

120

130

140

150 (356.5)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

100-149.5cm: GLEY1 4/10Y silt with c.silt layers

101-103.8cm: GLEY1 4/N m.silt tiny c.silt patches at lower part (102.8-103.8)

103.8-109.5cm: parallel laminated c.silt sharp top & base

109.8cm: c.silt thin layer bioturbated

110.5cm: white ash? patch

123-125.5cm: tiny c.silt patches

147-149.5cm: parallel laminated v.fs-c.silt sharp base upper boundary bioturbated

150cm (356.5cm)

CORE LOG Core No. RR0705-92PC Section No. 4 sheet 1 of 3

Date 07/06/2007 Described by Ken Archive/Working

lithology structure grainsize

0 (356ft)

10

20

30

40

50 (406ft)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

0-50cm: GLEY 1 4/10Y silt with olive bioturbated bed.

25-31.5cm: 5Y4/1 silt bioturbated

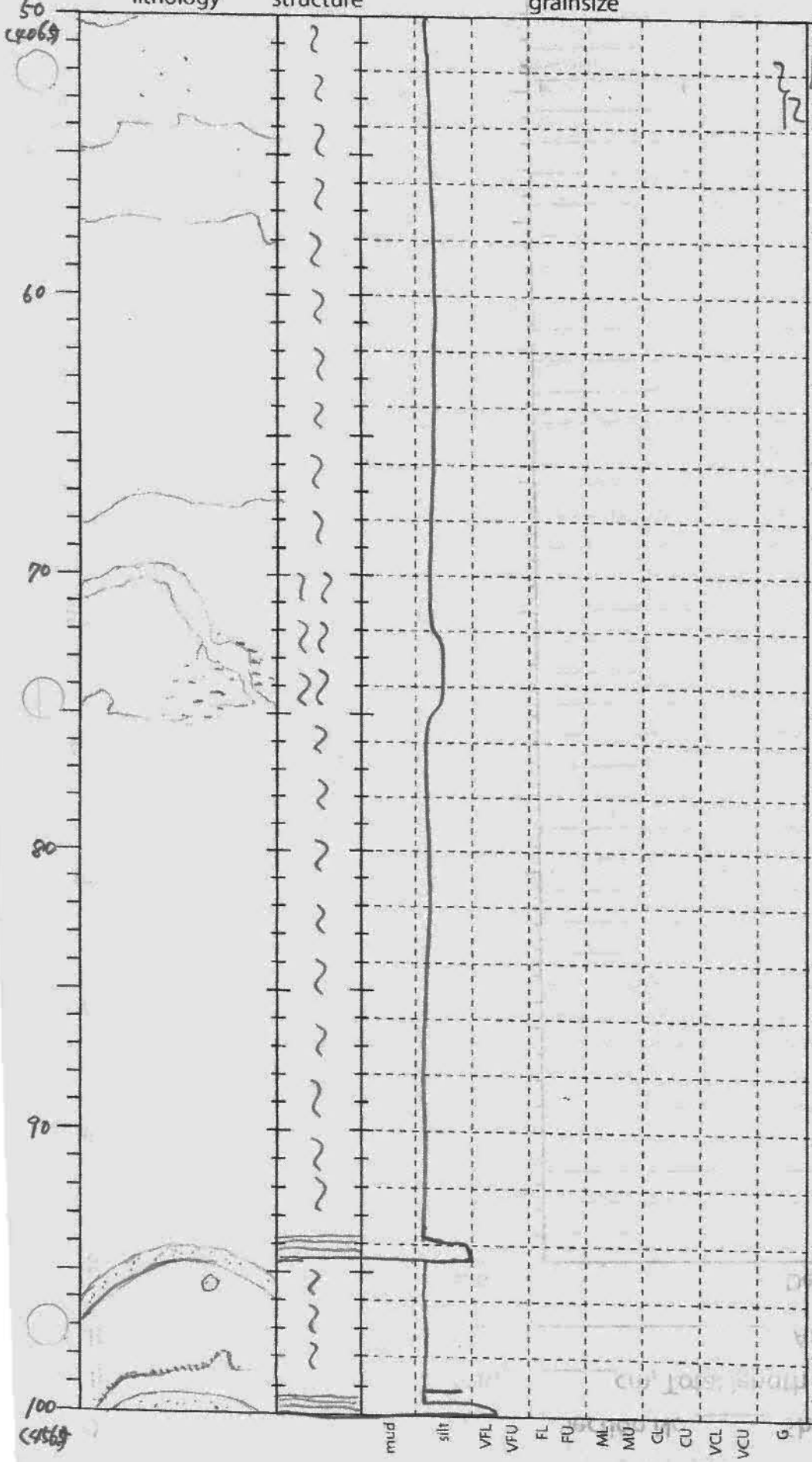
29.1-29.3, 28.9-29, 31.2-31.5cm: discontinuous c. silt layer

34.5-39cm: tiny c. silt patches in 5Y4/1

41-50cm: 5Y4/1 silt bioturbated

CORE LOG Core No. RR0705-92PC Section No. 4 sheet 2 of 3

Date 07/06/2007 Described by Ken Archive/Working



50-100cm: GLEY 1 4/10Y silt bioturbated with olive colored parts and c.silt layers

forams?

54-58cm: 5Y 4/1 (olive) silt bioturbated

67-75cm: 5Y 4/1 (olive) silt bioturbated

72-75cm: tiny c.silt patches slightly coarser than upper & lower

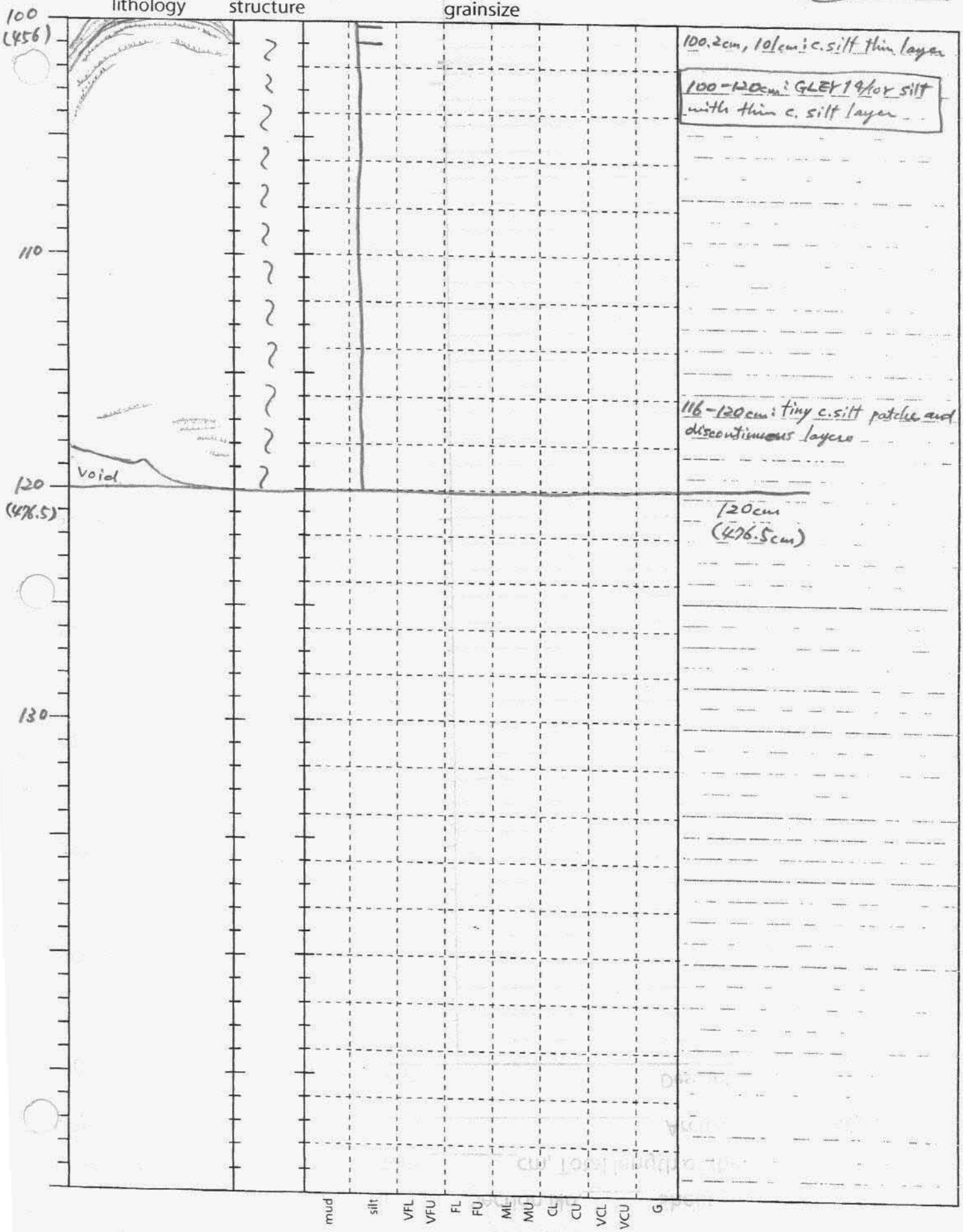
93.8-94.5cm: c.silt parallel laminated sharp top & base.

98.1cm: thin c.silt layer partly disturbed

98.4-100cm: parallel laminated c.silt-v.f.s sharp top & base

CORE LOG Core No. RR0705-92PC Section No. 4 sheet 3 of 3

Date 07/06/2007 Described by Ken Archive/Working



100.2cm, 10/cm: c.silt thin layer

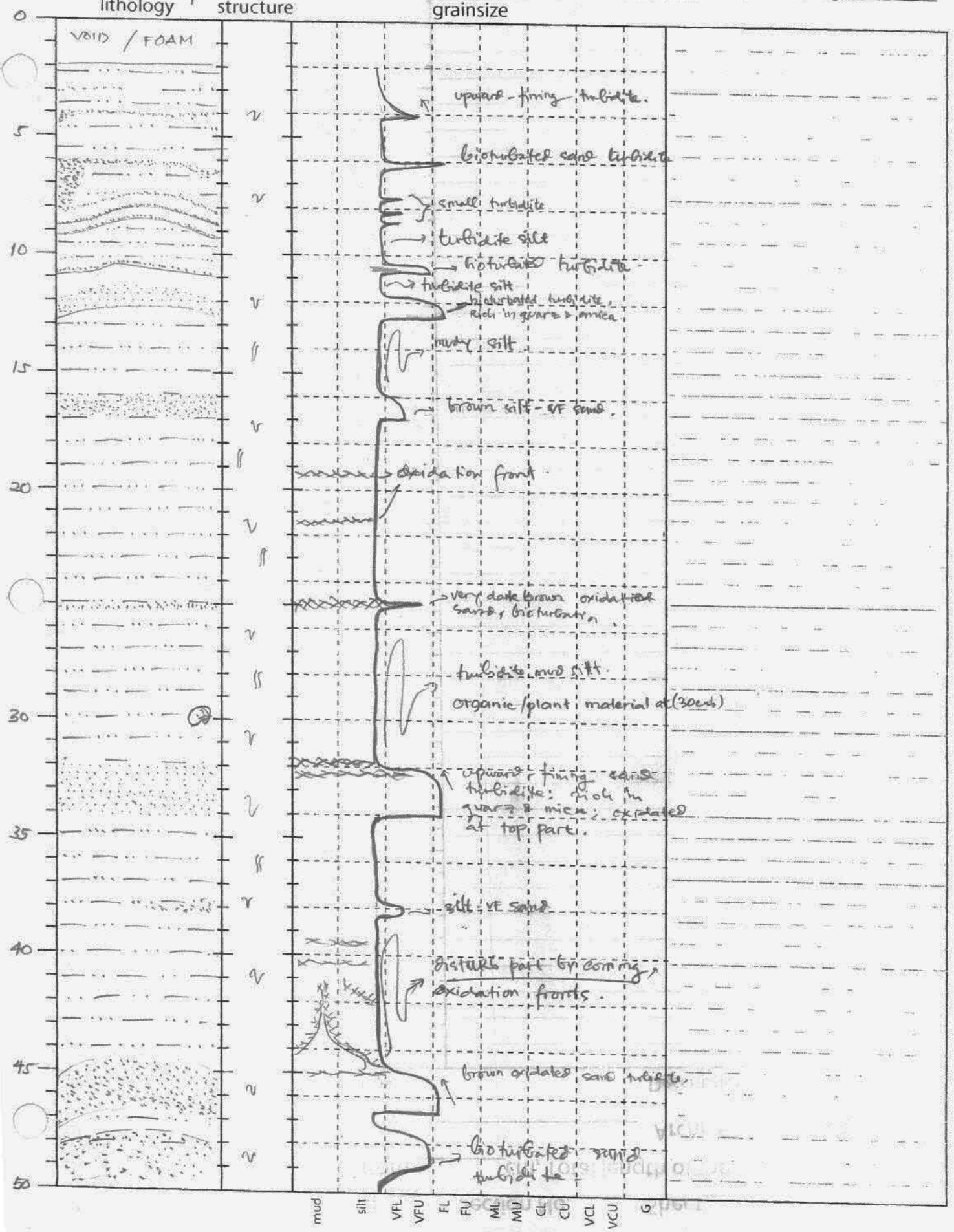
100-120cm: GLEY 1 4/10Y silt with thin c. silt layer

116-120cm: tiny c.silt patches and discontinuous layers

120cm
(476.5cm)

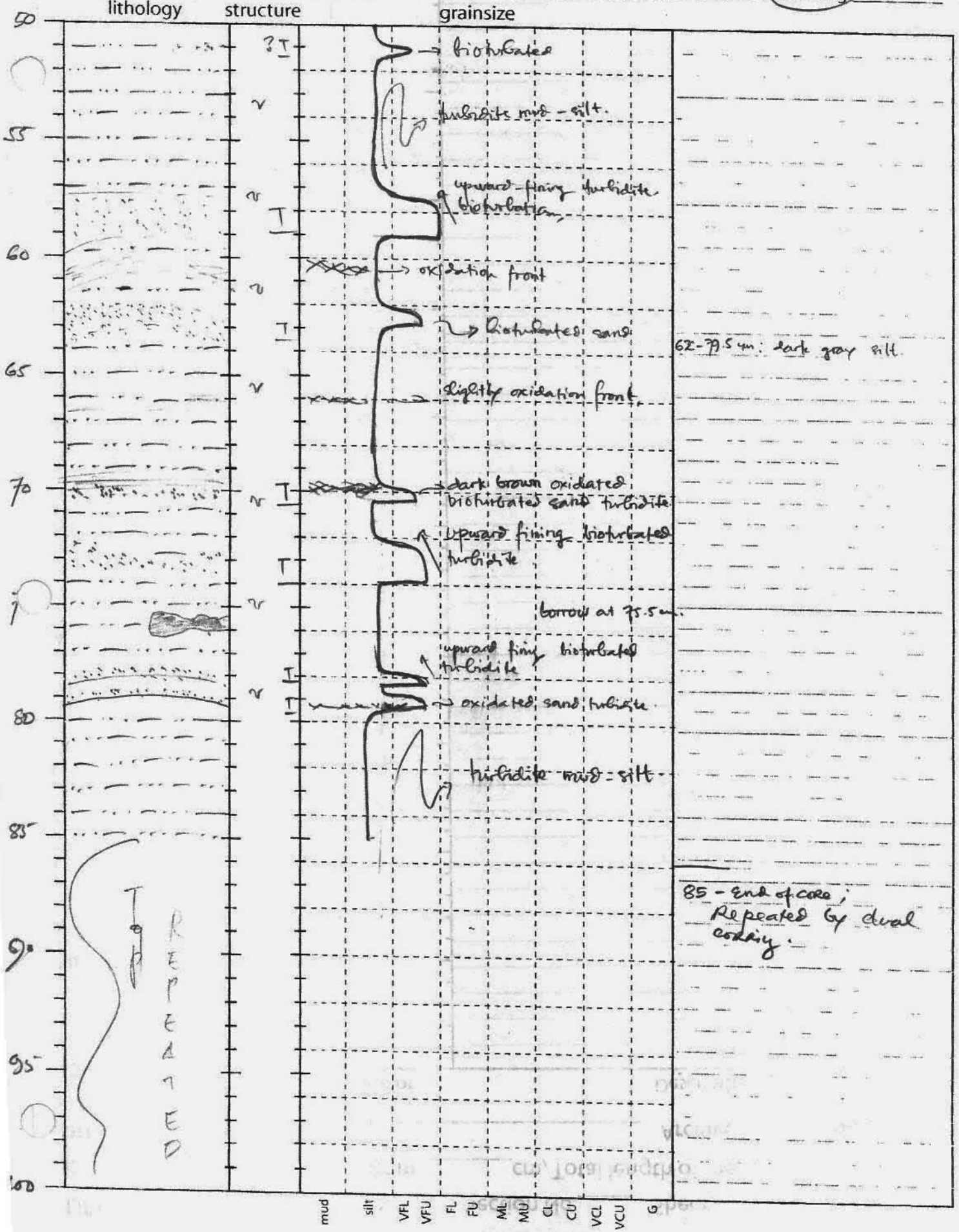
CORE LOG Core No. RR0705 - 93TC Section No. 1 of 1 (0 - 120.2 cm) sheet 1 of 2

Date 08 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 93 TC Section No. 1 of 1 (0 - 120.2 cm sheet 2 of 2

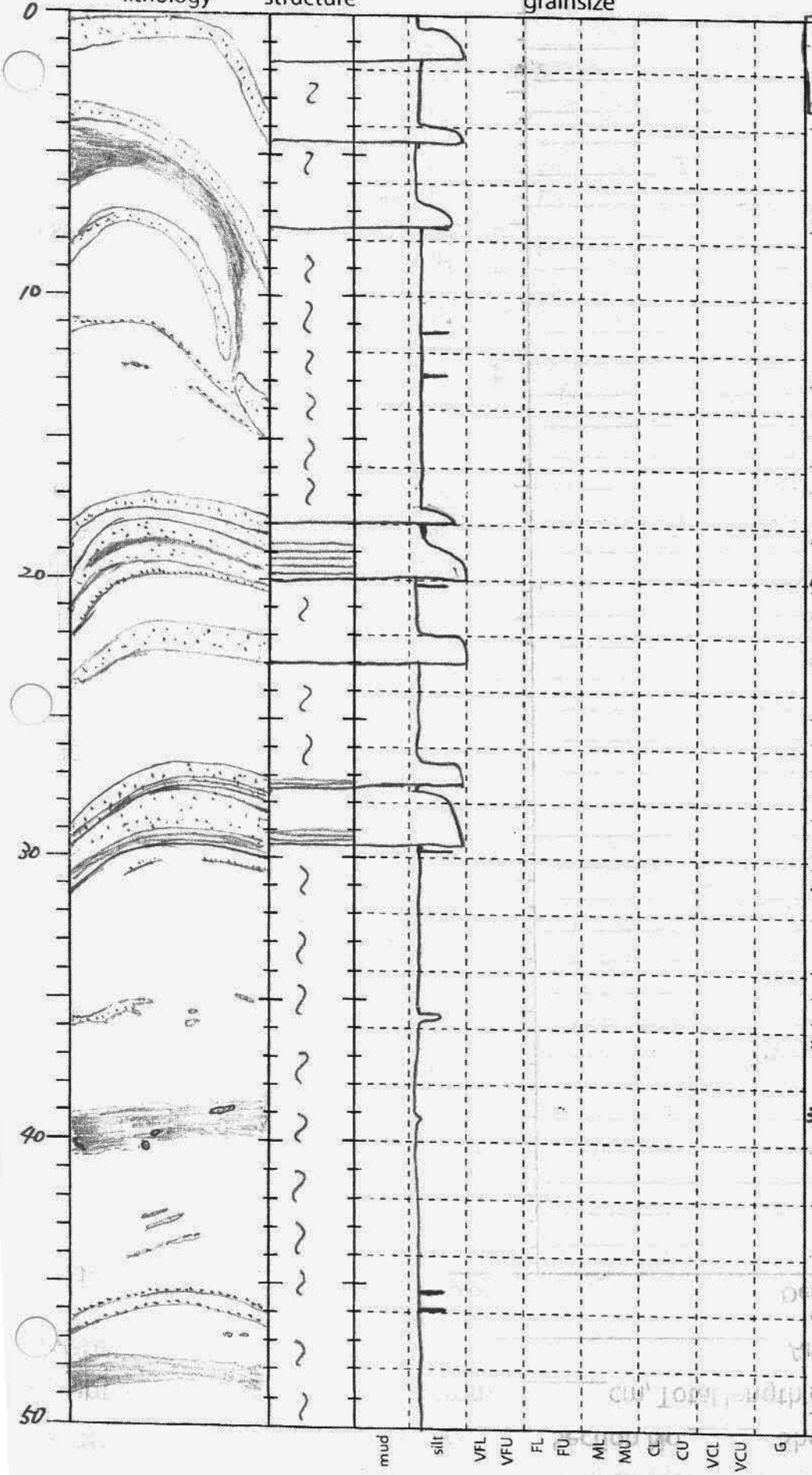
Date 08 JUNE 07. Described by SADIA Archive/Working



CORE LOG Core No. RR0705-93PC Section No. 1 sheet 1 of 2

Date 07/06/2007 Described by Ken Archive/Working

lithology structure grainsize



Top: 2.5Y4/1 silt (0-0.5cm)
0.5-1.8cm: 2.5Y3/1 c. silt
1.8-50cm: 5Y4/1 silt with c. silt layers

4-4.5cm: c-m. silt layer

brownish oxidized layer

6.8-7.6cm: c-m. silt

11.1, 12.8cm: m-c. silt thin layer

17.2-18cm: m. silt layer sharp top & base

18.2-20cm: c. silt upward fining parallel laminated

20.2cm: c. silt thin layer

22-23cm: c. silt sharp base, top bioturbated

26.6-27.4: c. silt lower part parallel laminated sharp top & base

27.5-28.5cm: c. silt sharp top & base lower part parallel laminated

29.9cm: c. silt thin layer

35.4-35.6cm: c. silt bioturbated

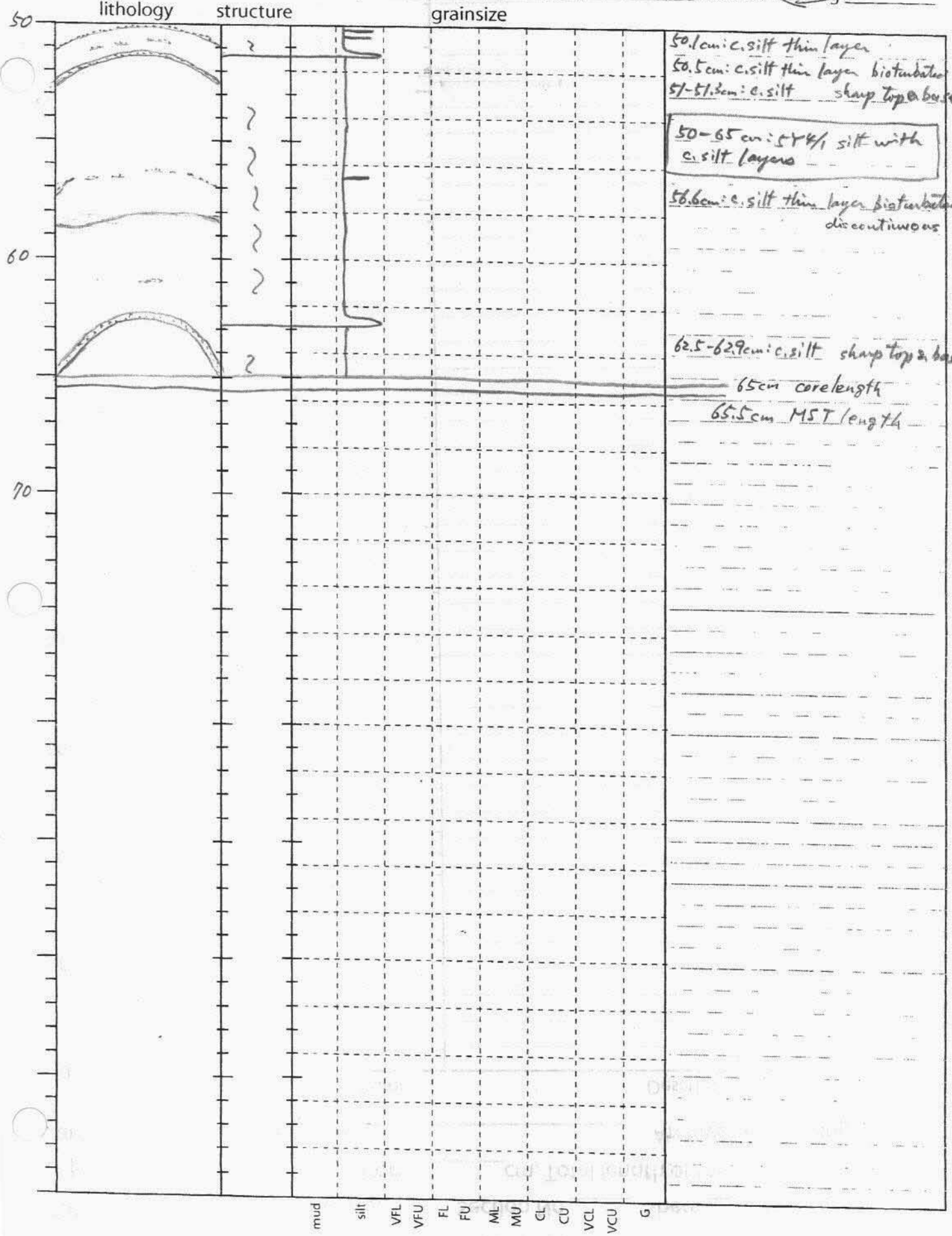
38.7-40cm: brownish oxidized layer

45.2-45.4, 45.8-46cm: c. silt layer

47.5-48.3cm: brownish oxidized layer

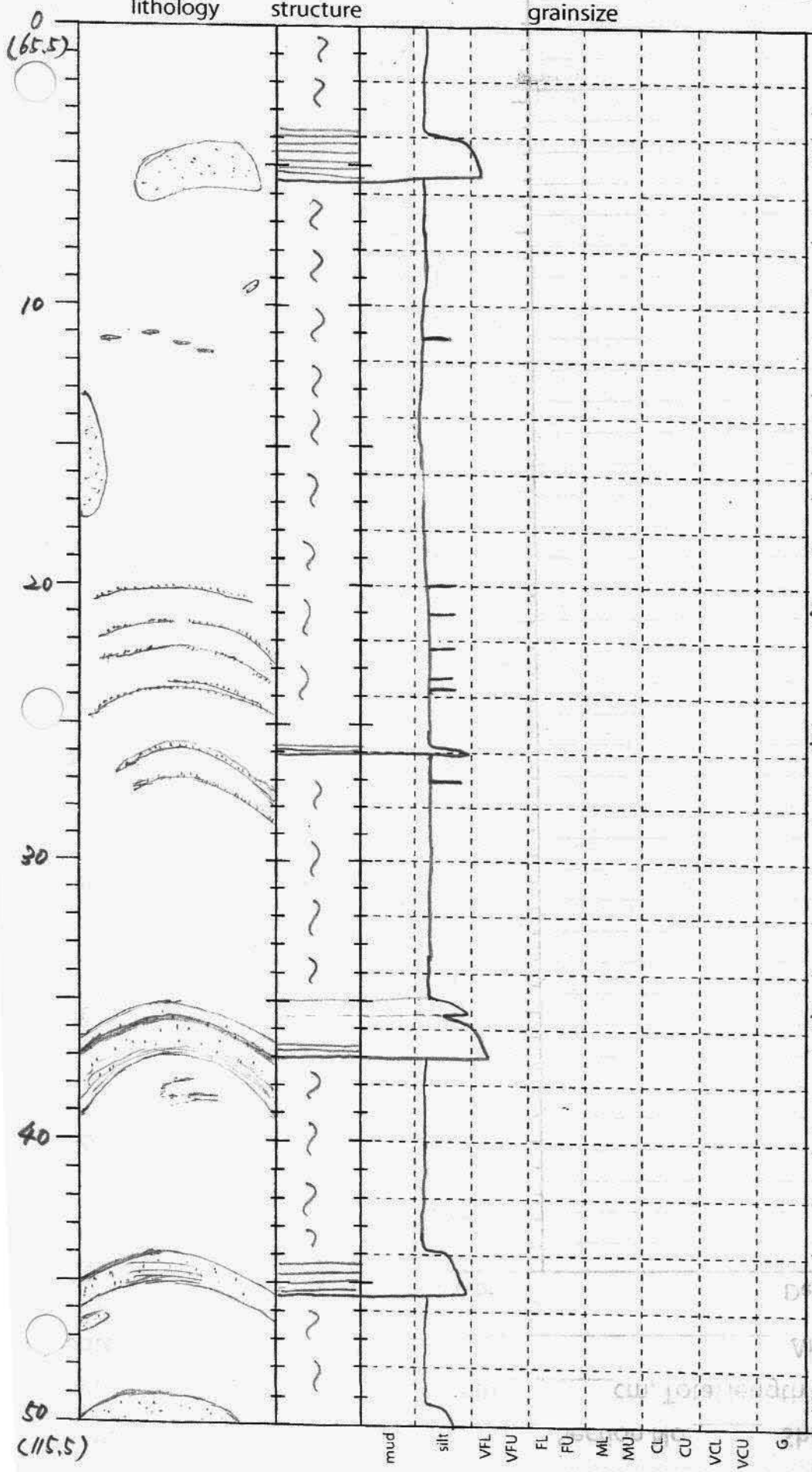
CORE LOG Core No. RR0705-93PC Section No. 1 sheet 2 of 2

Date 07/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-93PC Section No. 2 sheet 1 of 3

Date 07/06/2007 Described by Ken Archive/~~Working~~



0-50cm: GLEY1 4/10Y silt with c.silt-v.f.s layers

3.8-5.3cm: parallel laminated c.silt-v.f.s distorted (core disturbance)

11cm: c.silt patches

20, 21, 22.3, 23.3, 25.6cm: c.silt thin layer

25.7-26cm: c.silt parallel laminated sharp base & top

27cm: c.silt thin layer

35-37cm: upward fining v.f.s-c.silt lower part parallel laminated sharp base

35-35.1cm: c.silt (upward fining)

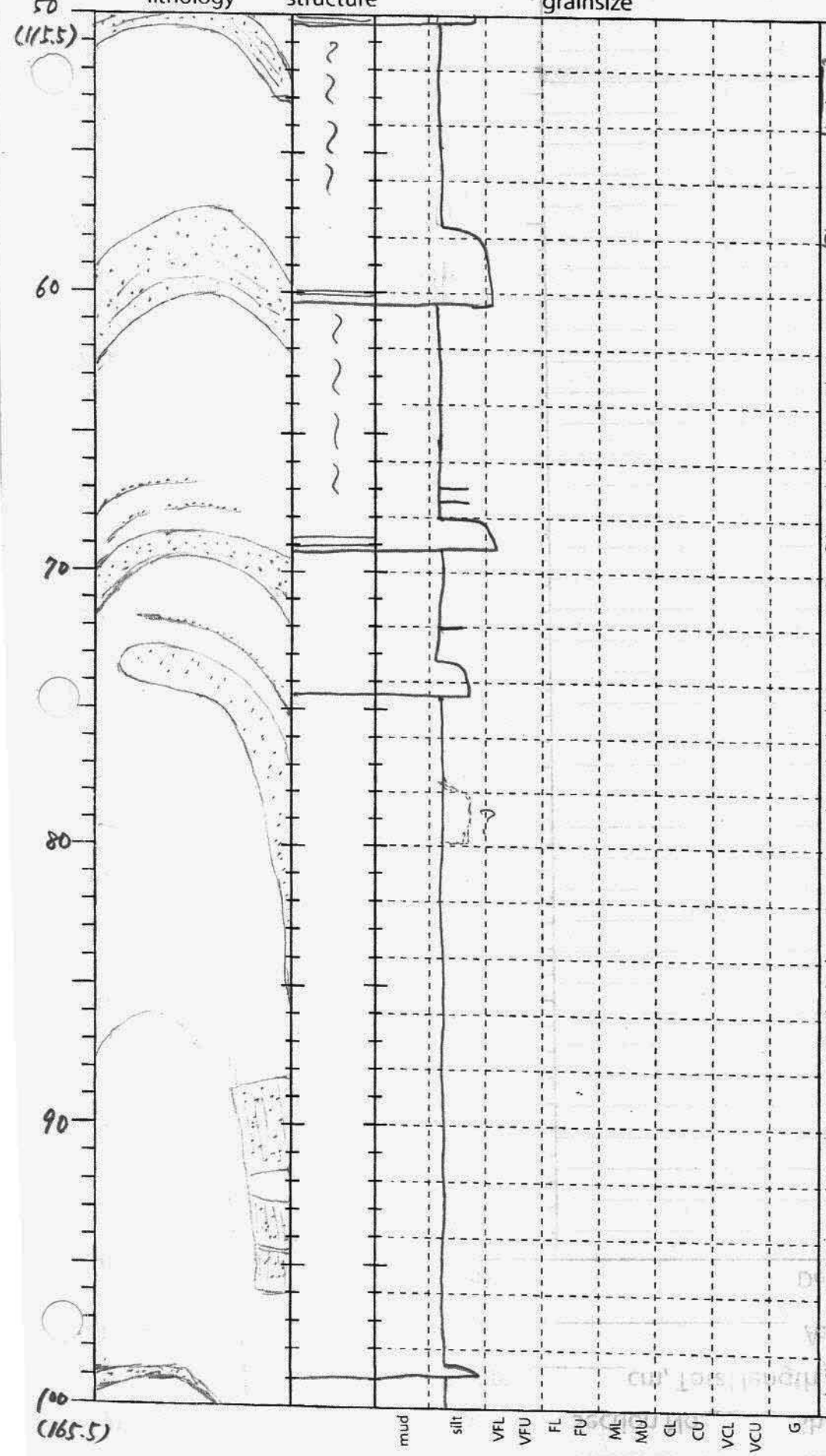
35.1-37cm: v.f.s-m.silt (upward fining)

43.9-45.1cm: c.silt parallel laminated sharp top & base

49-50.3cm: parallel laminated m.-c.silt sharp base & top

CORE LOG Core No. RR0705-93PC Section No. 2 sheet 2 of 3

Date 07/06/2007 Described by Ken Archive/Working



-50.3 parallel laminated m-c.silt

50-100cm: GLEY1 4/N silt with v.f.s-c.silt layers

57.4-60.2cm: parallel laminated c.silt-v.f.s sharp top & base (lower part)

66.9, 67.5cm: m-c.silt layer bioturbated

68.1-69.1cm: c.silt-v.f.s sharp top & base lowermost part parallel laminated

72cm: GLEY1 5/10Y m.silt thin layer (ash rich?) bioturbated

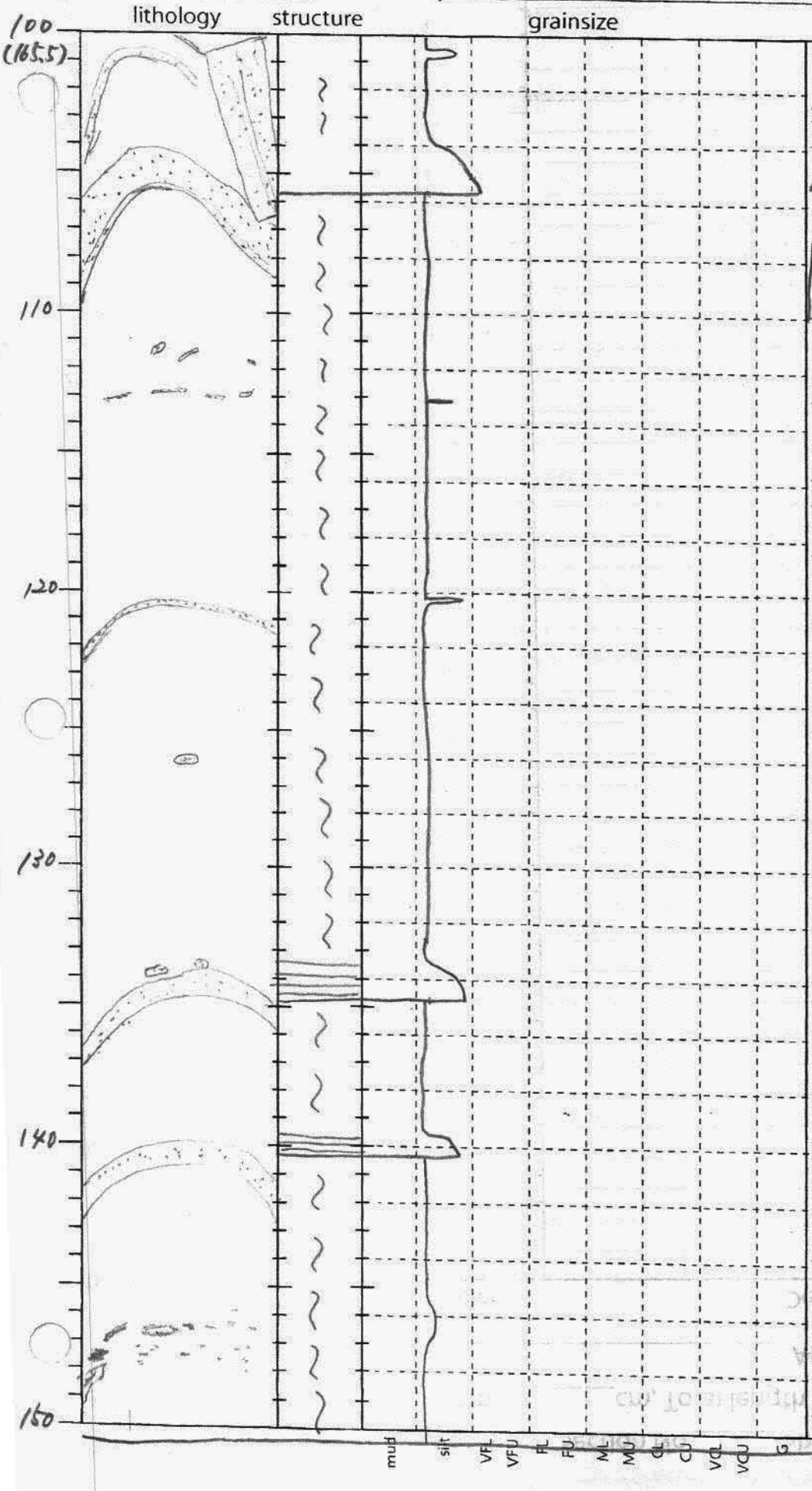
73-74.5cm: m-c.silt distorted (core disturbance)

88-96cm (right): parallel laminated c.silt highly distorted (core disturbance) originally ~75-80cm interval? 2.5cm thick

98.6-99cm: c-m.silt

CORE LOG Core No. RR0705-93PC Section No. 2 sheet 3 of 3

Date 07/06/2007 Described by Ken Archive/Working



100.3-100.7cm: m. silt layer

100-106.5cm (right): parallel bedded GLEY1 5/10Y m-c. silt (ash rich?) originally 78-80cm interval? 2.5cm thick

104-105.8cm: upward fining v.f.s-m. silt sharp base

100-150.5cm: GLEY1 4/N silt with c. silt-v.f.s layers

113cm: m-c. silt patches

120.2-120.4cm: m-c. silt layer bioturbated

133.3-133.8cm: parallel laminated m-c. silt (ash rich?) 5Y4/1 sharp base, top sharp but bioturbated

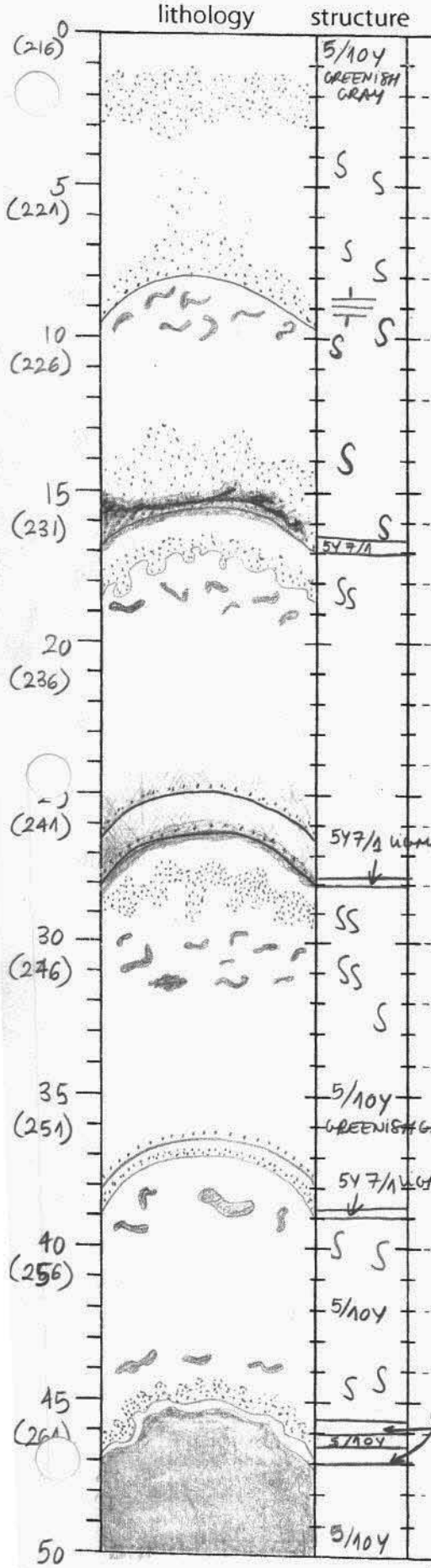
139.5-140.2cm: parallel laminated m-c. silt (ash rich?) 5Y4/1 sharp top & base

144.5-146.5cm: tiny c. silt patches

150.5cm
(216cm)

CORE LOG Core No. RR0703 - 93 PC Section No. 3 (216 - 367) CM. sheet 1 of 3

Date 07/05/07 Described by ZORAIDA. Archive/Working



1.5 - 3.5 CM: GREENISH GRAY V.F SAND LAYER WITH A SHARP AND IRREGULAR BOUNDARIES (BIOTURBATION)

5-10 CM: 5/10Y UPWARD DECREASING GRAINSIZE SEQUENCE FROM FINE SAND TO SILT. VERY BIOTURBATED IN THE BOTTOM OF THE SAND LAYER THERE IS PARALLEL LAMINATION OBSERVABLE FOR THE BLACK/WHITE MICAS LAYERING.
THE SILT LAYER JUST BELOW ALSO SHOWS ELONGATED ROUNDED DARK GRAY DROPS (BIOTURBATION)

10 - 17 CM: 5/10Y VERY BIOTURBATED DECREASING UPWARD GRAINSIZE SEQUENCE, FROM FINE SAND TO SILT DARK BROWNISH OXIDIZED LAYER AND IN THE BASE THERE IS A LIGHT GRAY LAYER.

17 - 21 CM: REPETITION OF THE (5-10 CM) SEQUENCE BUT IN PLACE OF FINE SAND THERE IS V.F. SANDS.

21 - 28: THE SAME SEQUENCE THAN (10-17 CM) BUT IN THE PLACE OF FINE SAND THERE IS V.F. SAND. SEQUENCE WITHOUT BIOTURBATION AND THE OXIDATION FRONT HAS A YELLOWISH BROWN COLOUR.

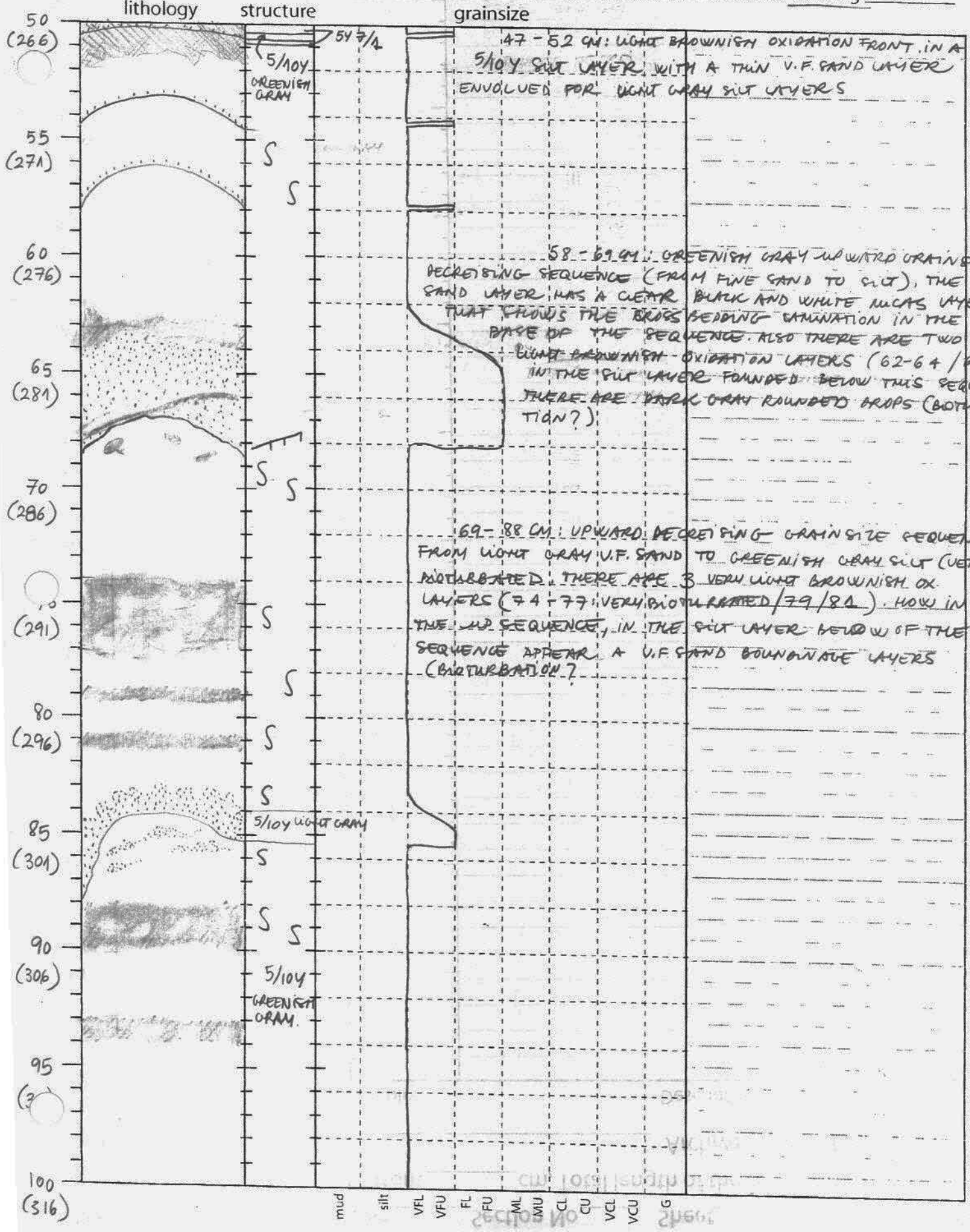
28 - 32 CM: THE SAME THAT (17-21 CM.).

32 - 40 CM: 5/10Y DECREASING UPWARD GRAINSIZE SEQUENCE, FROM V.F. SAND TO SILT / IN THE BASE THERE IS A LIGHT GRAY (5Y 7/1) COLOURED LAYER THE SILT LAYER BELOW OF THE LOWER BOUNDARY OF THE V.F. SAND LAYER SHOWS ELONGATED ROUNDED DARK GRAY DROPS (BIOTURBATION) LIKE IN THE (5-10/17-21/28-32) SEQUENCE

40 - 47 CM: 5/10Y DECREASING UPWARD GRAINSIZE SEQUENCE, FROM V.F. SAND TO SILT. WITH 2 LIGHT GRAY LAYERS (46/47) AND ELONGATED ROUNDED DARK GRAY DROPS. (44: BIOTURBATION?)

CORE LOG Core No. RR0703-93PC Section No. 3 sheet 2 of 3

Date 07/05/07 Described by ZORAIDA Archive/Working



47 - 52 CM: LIGHT BROWNISH OXIDATION FRONT IN A 5/10Y SILT LAYER WITH A THIN V.F. SAND LAYER ENVOLVED FOR LIGHT GRAY SILT LAYERS

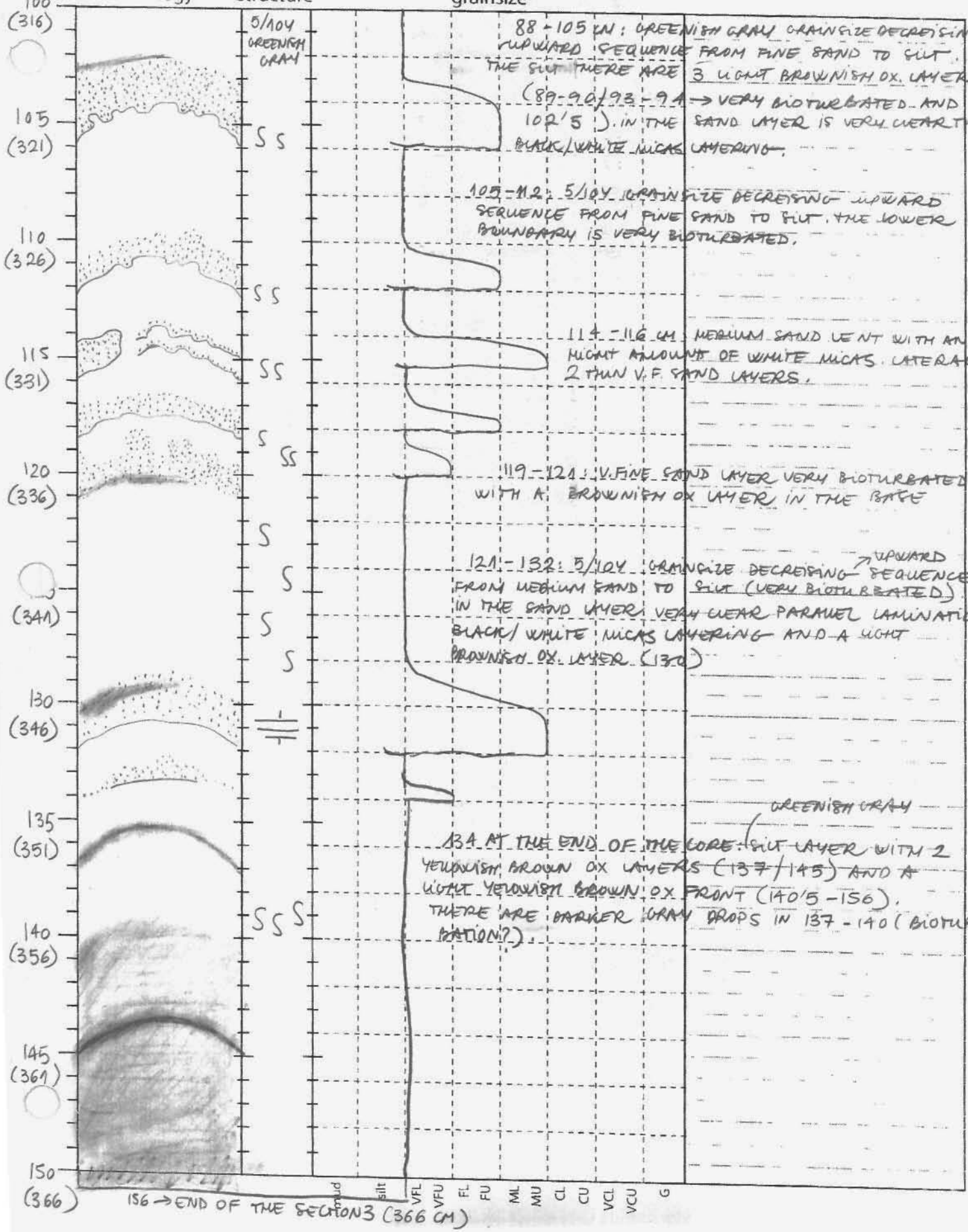
58 - 69 CM: GREENISH GRAY UPWARD GRAINSIZE DECREASING SEQUENCE (FROM FINE SAND TO SILT), THE SAND LAYER HAS A CLEAR BLACK AND WHITE MICAS LAYERING THAT SHOWS THE BIOGENIC BEDDING LAMINATION IN THE BASE OF THE SEQUENCE. ALSO THERE ARE TWO LIGHT BROWNISH OXIDATION LAYERS (62-64 / 66-68) IN THE SILT LAYER FOUNDED BELOW THIS SEQUENCE THERE ARE DARK GRAY ROUNDED DROPS (BIOTURBATION?)

69 - 88 CM: UPWARD DECREASING GRAINSIZE SEQUENCE FROM LIGHT GRAY V.F. SAND TO GREENISH GRAY SILT (VERY BIOTURBATED. THERE ARE 3 VERY LIGHT BROWNISH OX. LAYERS (74 - 77: VERY BIOTURBATED / 79 / 81). HOW IN THE UP SEQUENCE, IN THE SILT LAYER BELOW OF THE SEQUENCE APPEAR A V.F SAND BOUNDINAGE LAYERS (BIOTURBATION?

CORE LOG Core No. RR0703-93PC Section No. 3 sheet 3 of 3

Date 07/05/07 Described by ZORAIDA Archive/Working

lithology structure grainsize



88 - 105 CM: GREENISH GRAY GRAINSIZE DECREASING UPWARD SEQUENCE FROM FINE SAND TO SILT. IN THE SILT THERE ARE 3 LIGHT BROWNISH OX. LAYERS (89-90/93-94 → VERY BIOTURBATED AND 10R'5). IN THE SAND LAYER IS VERY CLEAR THE BLACK/WHITE MICAS LAMERING.

105 - 112: 5/10Y GRAINSIZE DECREASING UPWARD SEQUENCE FROM FINE SAND TO SILT. THE LOWER BOUNDARY IS VERY BIOTURBATED.

114 - 116 CM: MEDIUM SAND CENT WITH AN A LIGHT AMOUNT OF WHITE MICAS. LATERALLY 2 THIN V.F. SAND LAYERS.

119 - 121: V. FINE SAND LAYER VERY BIOTURBATED WITH A BROWNISH OX LAYER IN THE BASE

121 - 132: 5/10Y GRAINSIZE DECREASING UPWARD SEQUENCE FROM MEDIUM SAND TO SILT (VERY BIOTURBATED) IN THE SAND LAYER: VERY CLEAR PARAMEL LAMINATION BLACK/WHITE MICAS LAYERING AND A LIGHT BROWNISH OX. LAYER (130)

GREENISH GRAY

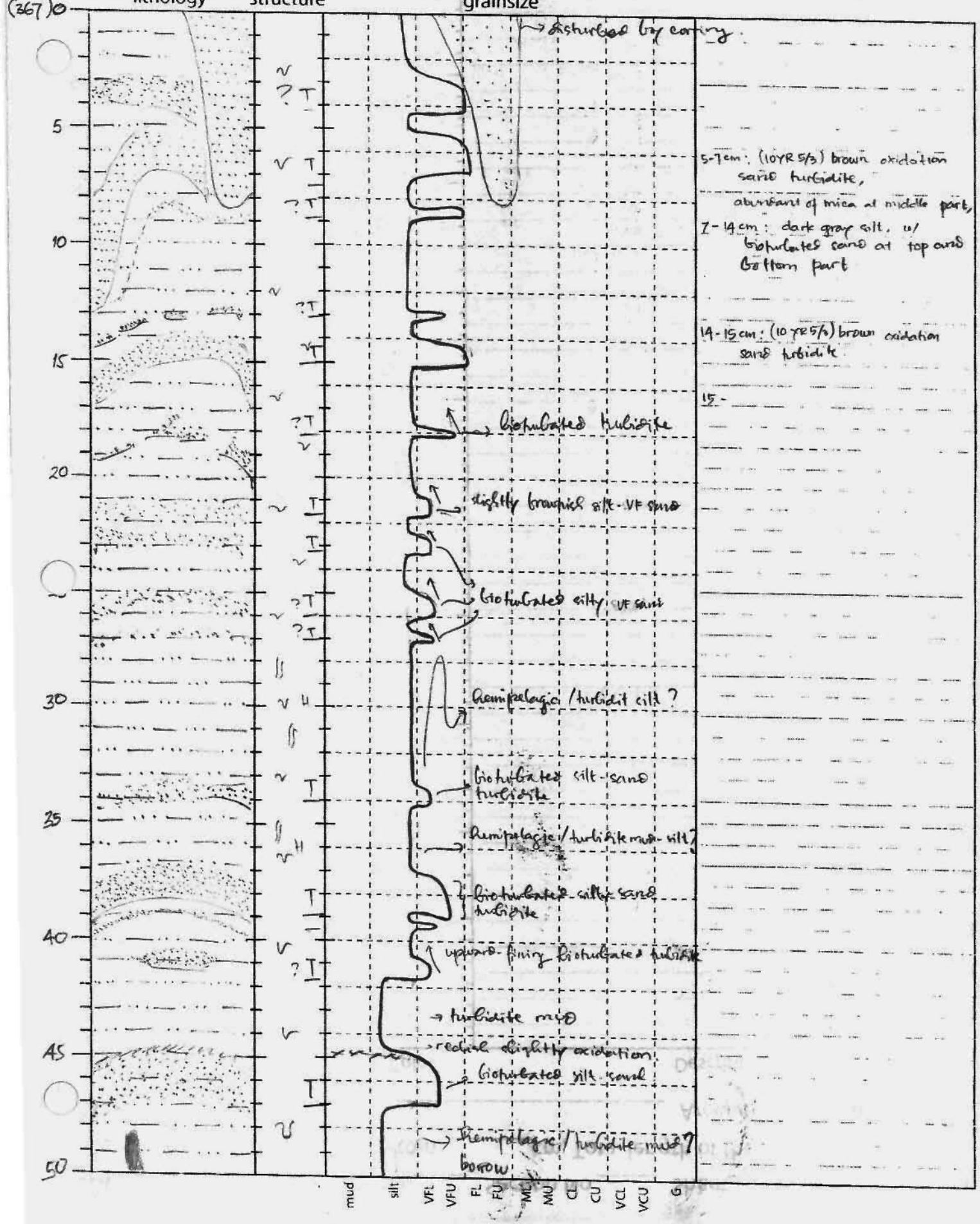
134 AT THE END OF THE CORE: SILT LAYER WITH 2 YELLOWISH BROWN OX LAYERS (137/145) AND A LIGHT YELLOWISH BROWN OX FRONT (140'5 - 156). THERE ARE DARKER GRAY DROPS IN 137 - 140 (BIOTURBATION?).

156 → END OF THE SECTION 3 (366 CM)

CORE LOG Core No. RR0705 - 93PC Section No. 4 of 4 (367 - 491.5 cm) sheet 1 of 3

Date 08 JUNE 07 Described by SAPTA Archive/Working

lithology | structure | grainsize



5-7 cm : (10YR 5/3) brown oxidation sand turbidite, abundant of mica at middle part,

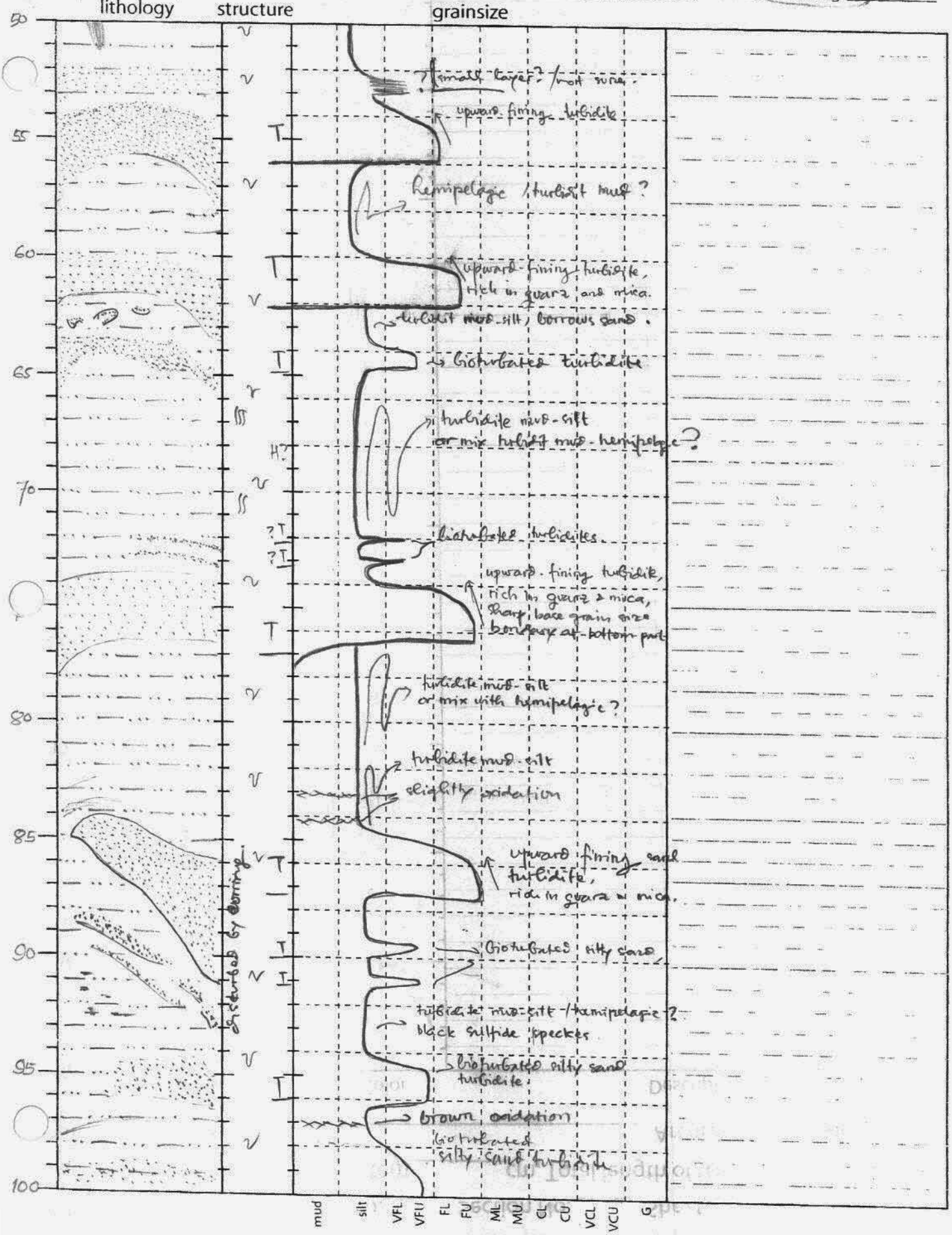
7 - 14 cm : dark gray silt, w/ bioturbated sand at top and bottom part

14 - 15 cm : (10 YR 5/3) brown oxidation sand turbidite

15 -

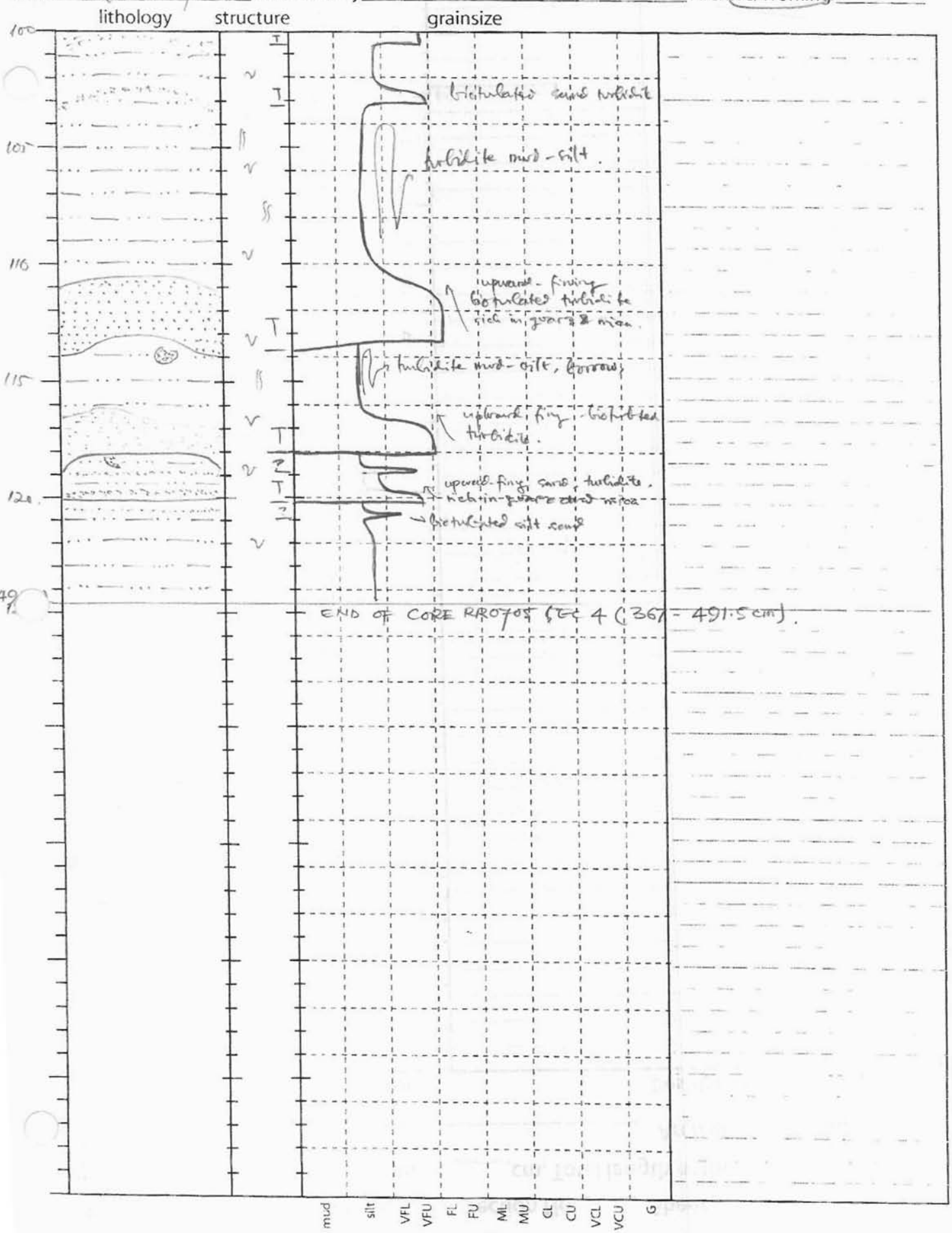
CORE LOG Core No. RR0705-92 PC Section No. 4 of 4 (367-491.5 cm) sheet 2 of 3

Date 8th JUNE 07 Described by SAPTA Archive/Working



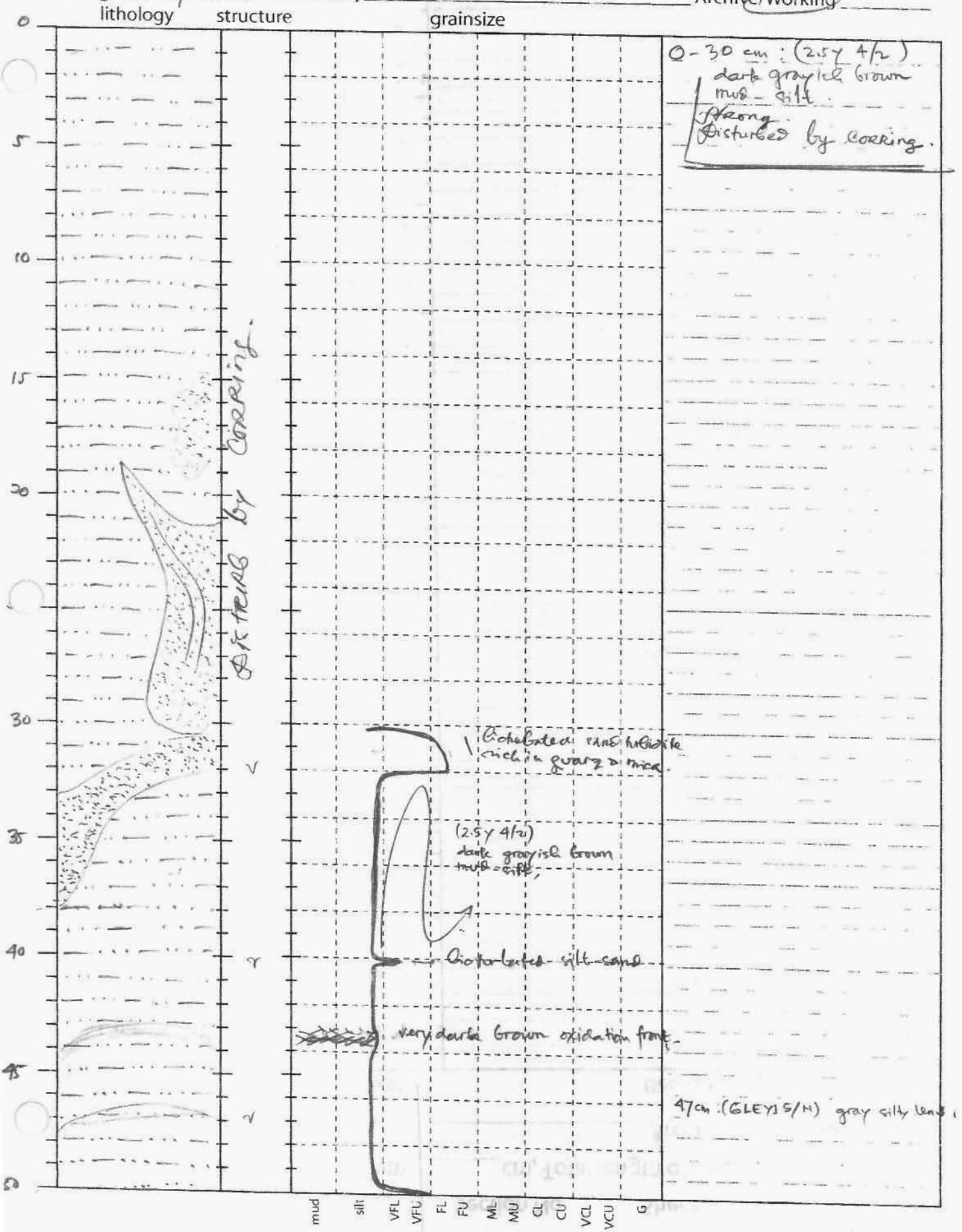
CORE LOG Core No. RR0705 - 93 PC Section No. 4 of 4 (367 - 401.5 cm) sheet 3 of 3

Date 08 JUNE 07 Described by SADIA Archive/Working



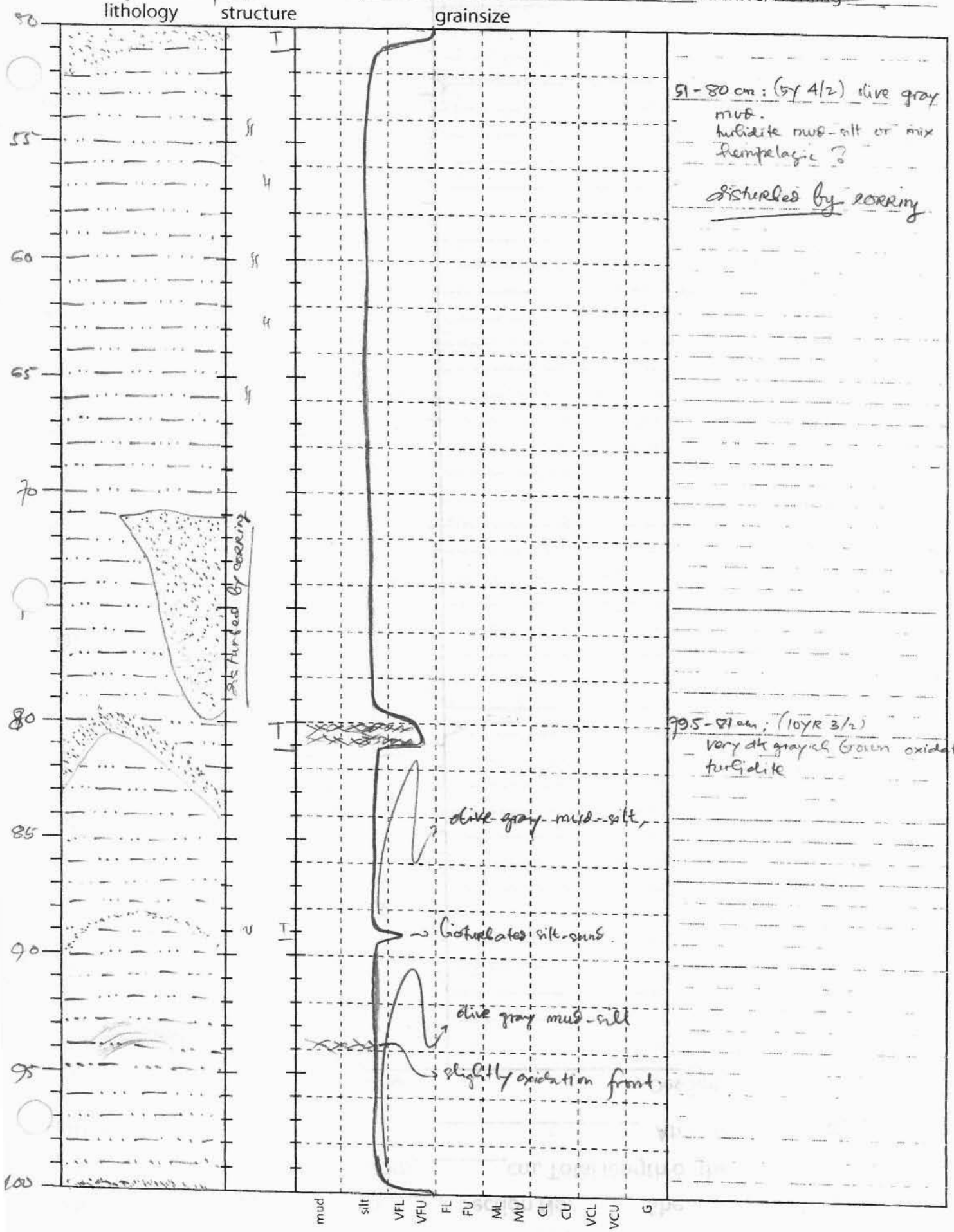
CORE LOG Core No. RR0705-94 PC Section No. 1 of 3 (0-102) sheet 1 of ____

Date 08 JUNE 07 Described by SAPTA Archive/Working



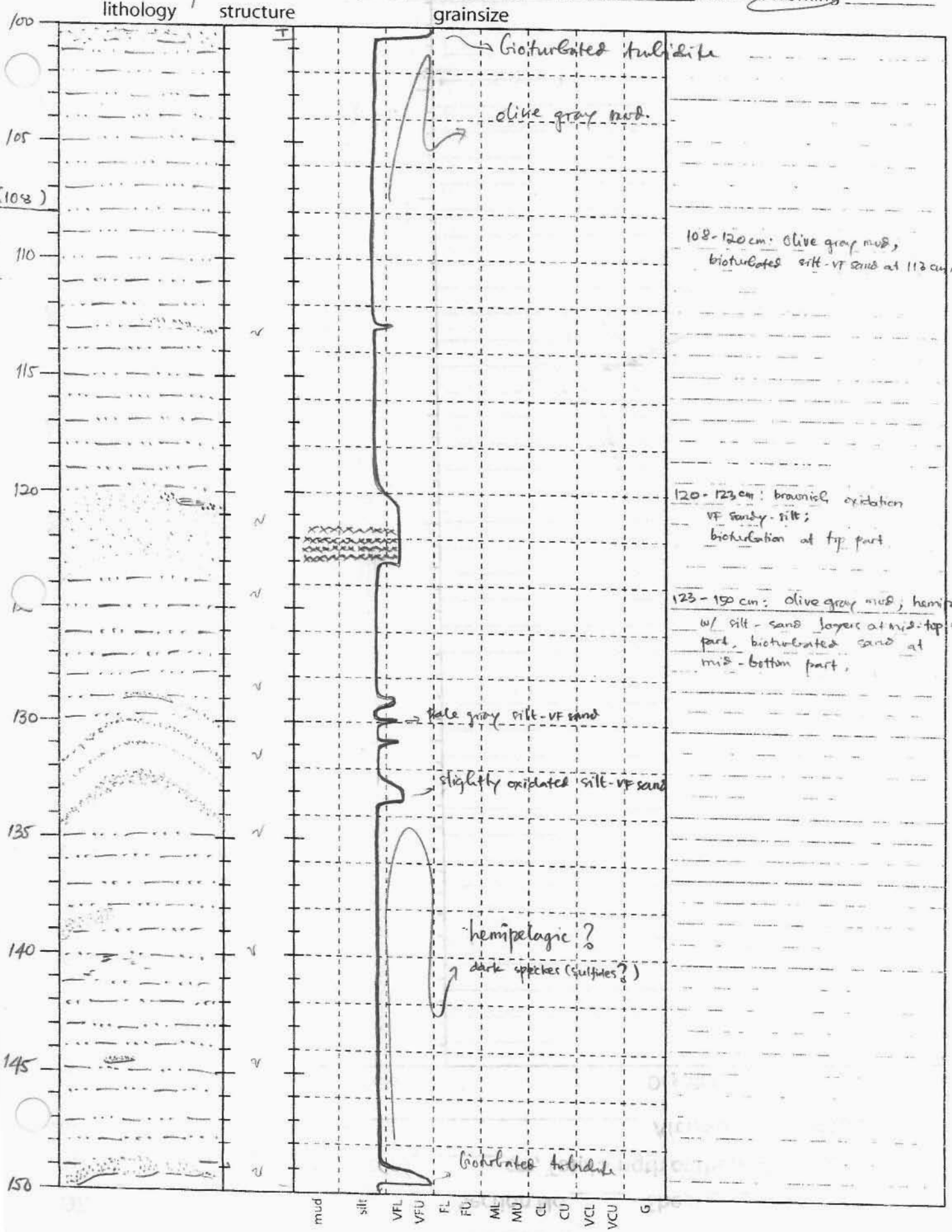
CORE LOG Core No. RR0705 - 94 PC Section No. 1 of 3 (0-108) sheet 2 of ____

Date 08 JUNE 07 Described by SAPTA Archive ~~Working~~



CORE LOG Core No. RR0705 - 94 PC Section No. 1 of 3 (0-108) sheet 3 of

Date 08 JUNE 07. Described by SAPTA Archive/Working



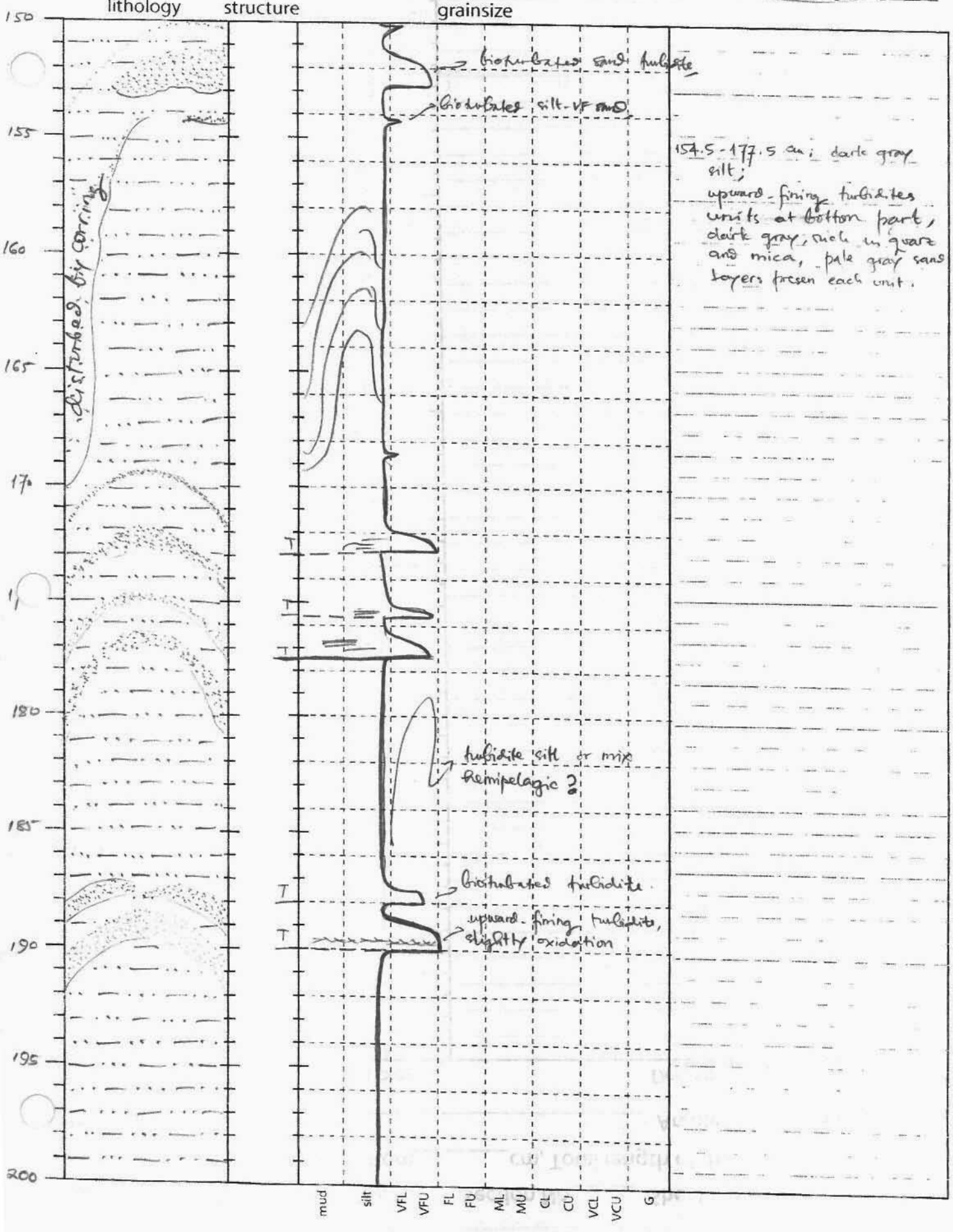
108-120 cm: olive gray mud, bioturbated silt-VF sand at 112 cm.

120-123 cm: brownish oxidation VF sandy-silt; bioturbation at top part

123-150 cm: olive gray mud, hemipelagic? w/ silt-sand layers at mid-top part, bioturbated sand at mid-bottom part,

CORE LOG Core No. RR0705 - 94PC Section No. 2 of 3 (108 - 258.5 cm) sheet 4 of ____

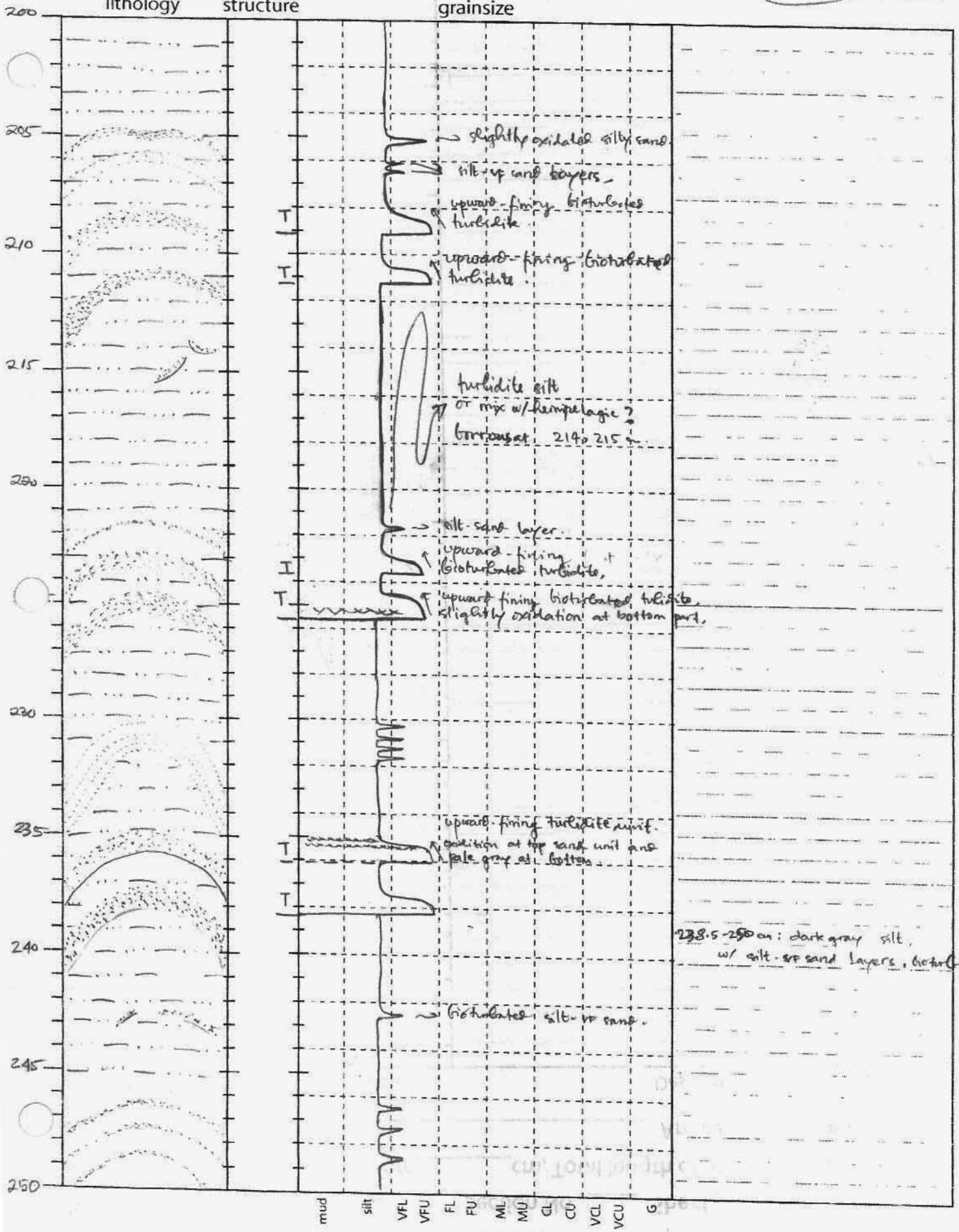
Date 08 JUNE 07 Described by SAPTA Archive/Working ____



154.5 - 177.5 cm; dark gray silt; upward-fining turbidites units at bottom part, dark gray, rich in quartz and mica, pale gray sand layers present each unit.

CORE LOG Core No. RR0705-94 PC Section No. 2 of 3 (108-258.5 cm) sheet 5 of ___

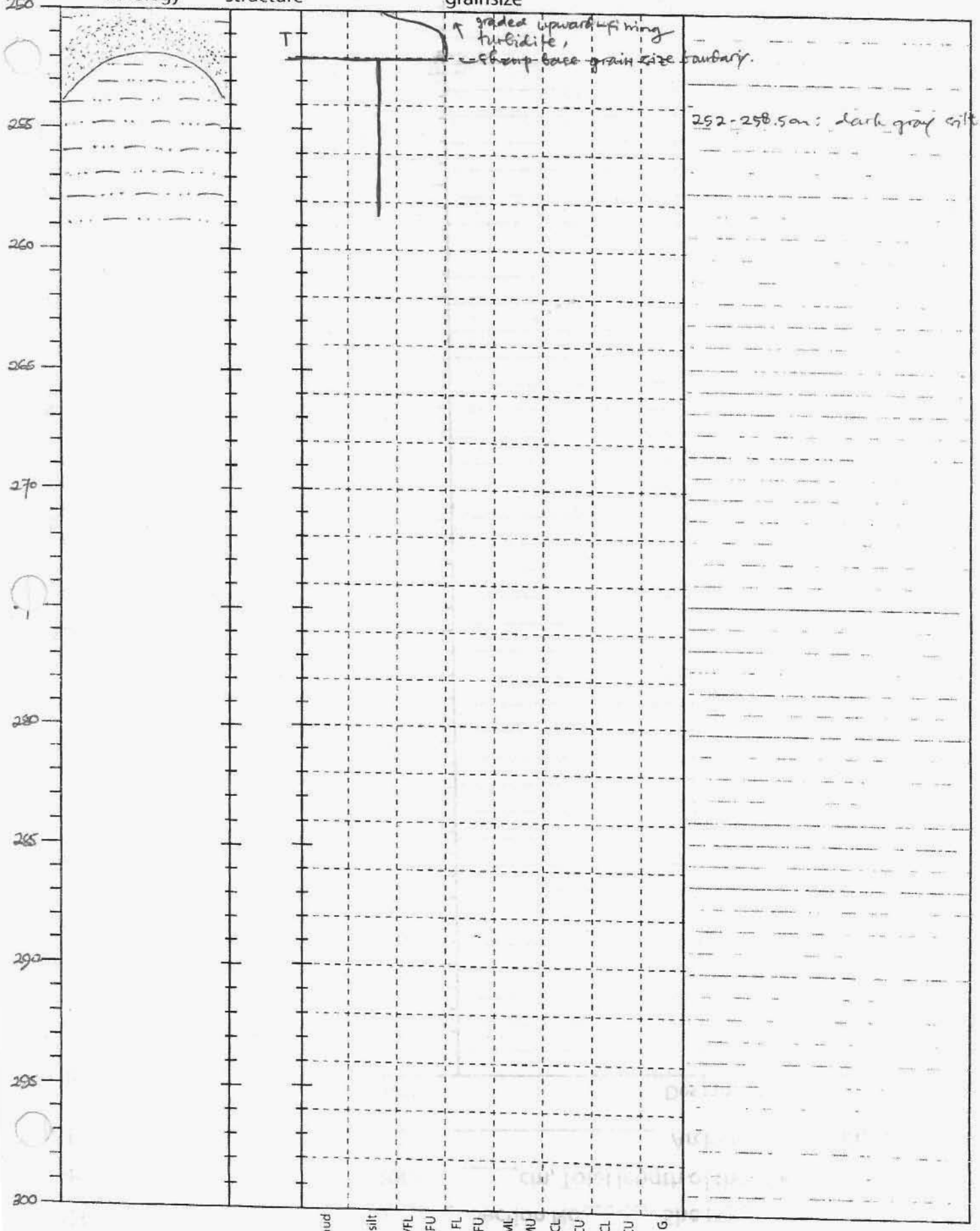
Date 08 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 9A PC Section No. 2 of 3 sheet 6 of ___

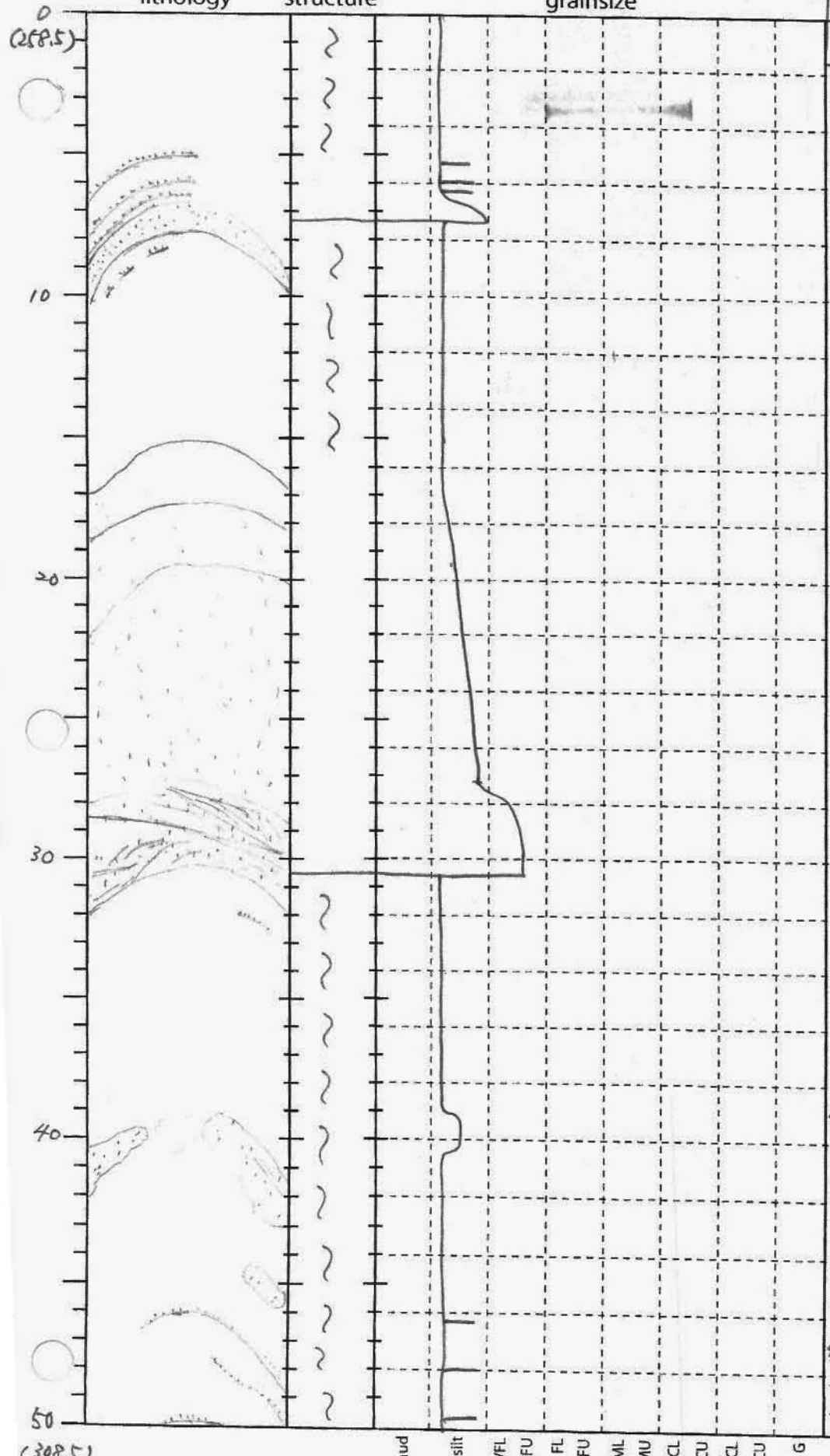
Date 08 JUNE 07 Described by SAPTA Archive/Working

lithology structure grainsize



CORE LOG Core No. RR0705-94PC Section No. 3 sheet 1 of 3

Date 08/06/2007 Described by Ken Archive/Working



0-50cm:
GLEY1 4/10Y silt with c.silt-v.f.s layers

5.2, 6, 6.4cm: c.silt thin layer bioturbated

6.7-7.2cm: c.silt sharp but bioturbated top and bottom

8cm: c.silt thin layer bioturbated

15-30.5cm: upward fining v.f.s-silt sharp base, top gradual, lower part rippled

15-17cm: GLEY1 4/10Y (darker than upper) silt

17-19.2cm: GLEY1 4/N m-c.silt

19.2-27.2cm: GLEY1 4/N c.silt

27.2-30.5cm: rippled c.silt-v.f.s

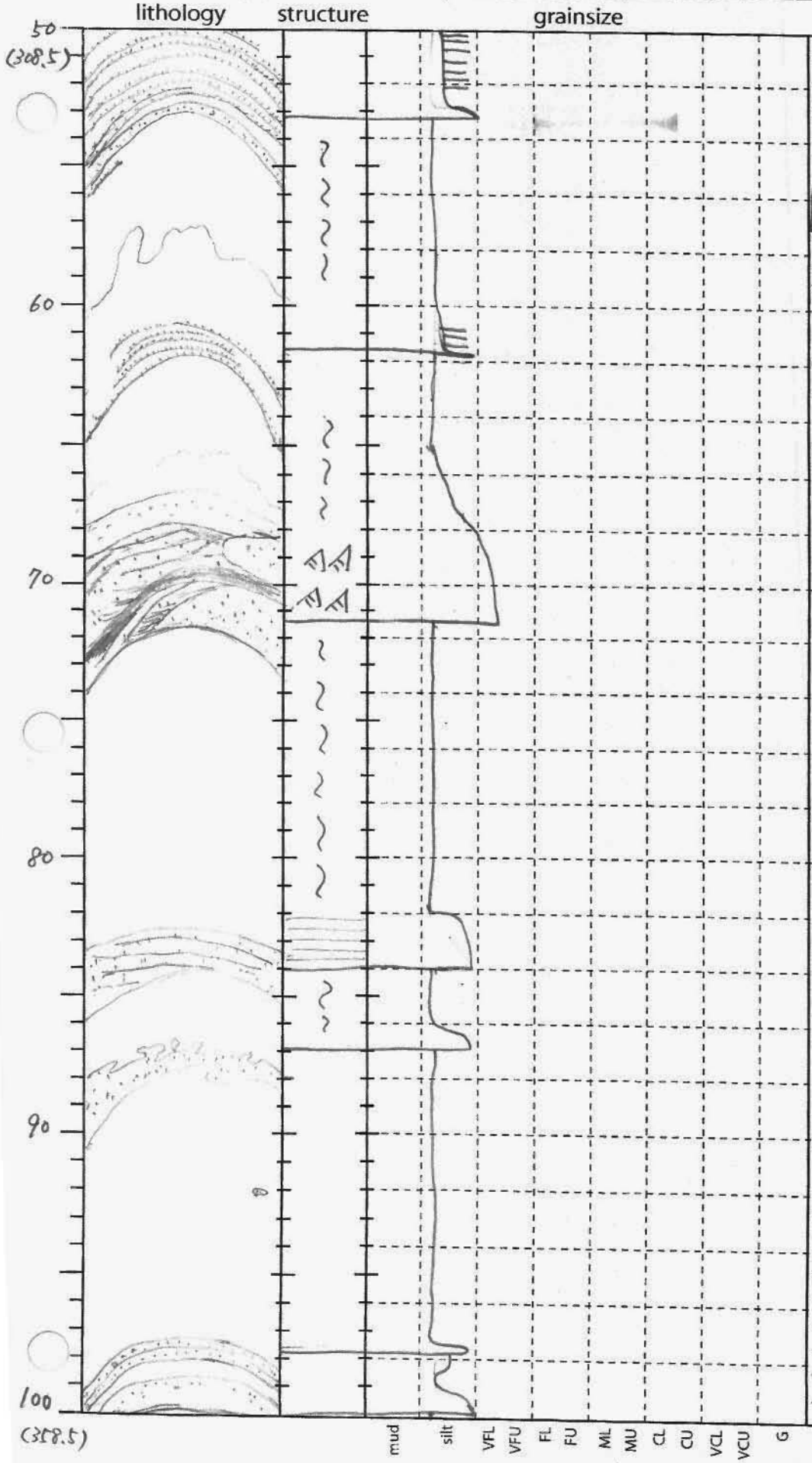
39-40.5cm: bioturbated m-c.silt parallel laminated

← burrow filled by m-c.silt

46.2, 48, 49.6cm: c.silt thin layer

CORE LOG Core No. RR0705-94PC Section No. 3 sheet 2 of 3

Date 08/06/2007 Described by Ken Archive/Working



50.2, 50.4, 50.8, 51.2, 51.5, 51.9, 52.1cm: c.silt thin layers

50-52.2cm GLEY1 4/10Y m.silt

52.5-53.1cm c.silt sharp top & base

50-100cm: GLEY1 4/N silt with c.silt layers

59.5-61.6cm: GLEY1 4/10Y m.silt upper boundary bioturbated sharp base

60.7, 61.1, 61.2, 61.4, 61.6cm: c.silt thin layer

64.8-71.2cm: upward fining v.f.s-silt upper boundary bioturbated, sharp base

64.8-66.8cm: silt

66.8-68cm: m-c.silt

68-71.2cm: rippled c.silt-v.f.s

82-84cm: parallel?/laminated c.silt 5Y4/1 sharp base

86-87cm: bioturbated c.silt sharp base

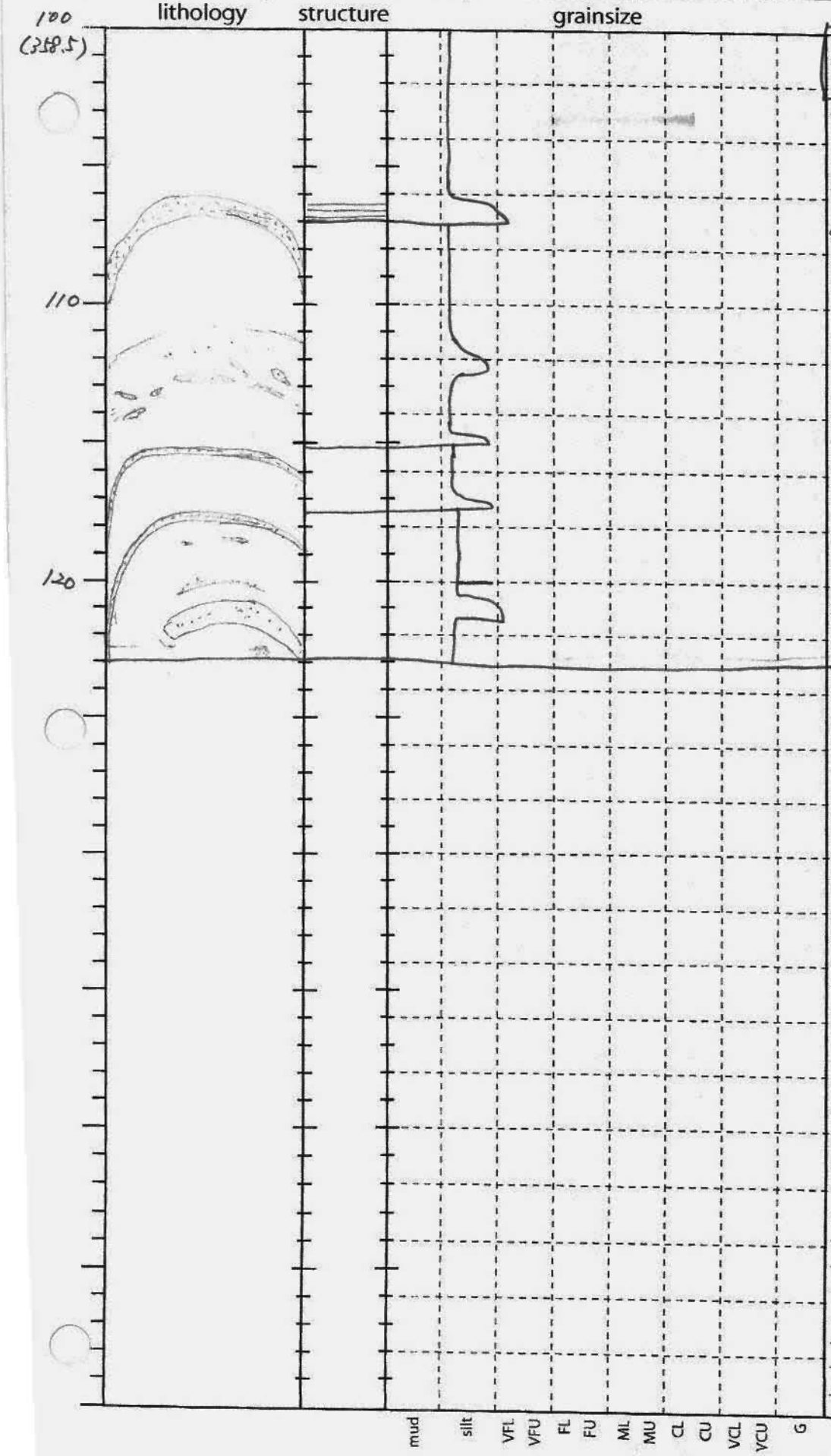
97.5-97.8cm: c.silt sharp top & base

97.8-98.2cm: m.silt

99-99.9cm: upward fining c-m.silt sharp base

CORE LOG Core No. RR0705-94PC Section No. 3 sheet 3 of 3

Date 08/06/2007 Described by Ken Archive/Working



100-123cm: GLEY1 4/10Y silt with c. silt layers

106.2-107cm: parallel laminated v.f.s-c. silt sharp base & top

111-112.2cm: m. silt upper boundary indistinct

112.2-112.6cm: bioturbated c. silt layer

114.7-115.1cm: c. silt parallel laminated ?

117-117.4cm: bioturbated c. silt layer sharp base

120cm: c. silt layer thin

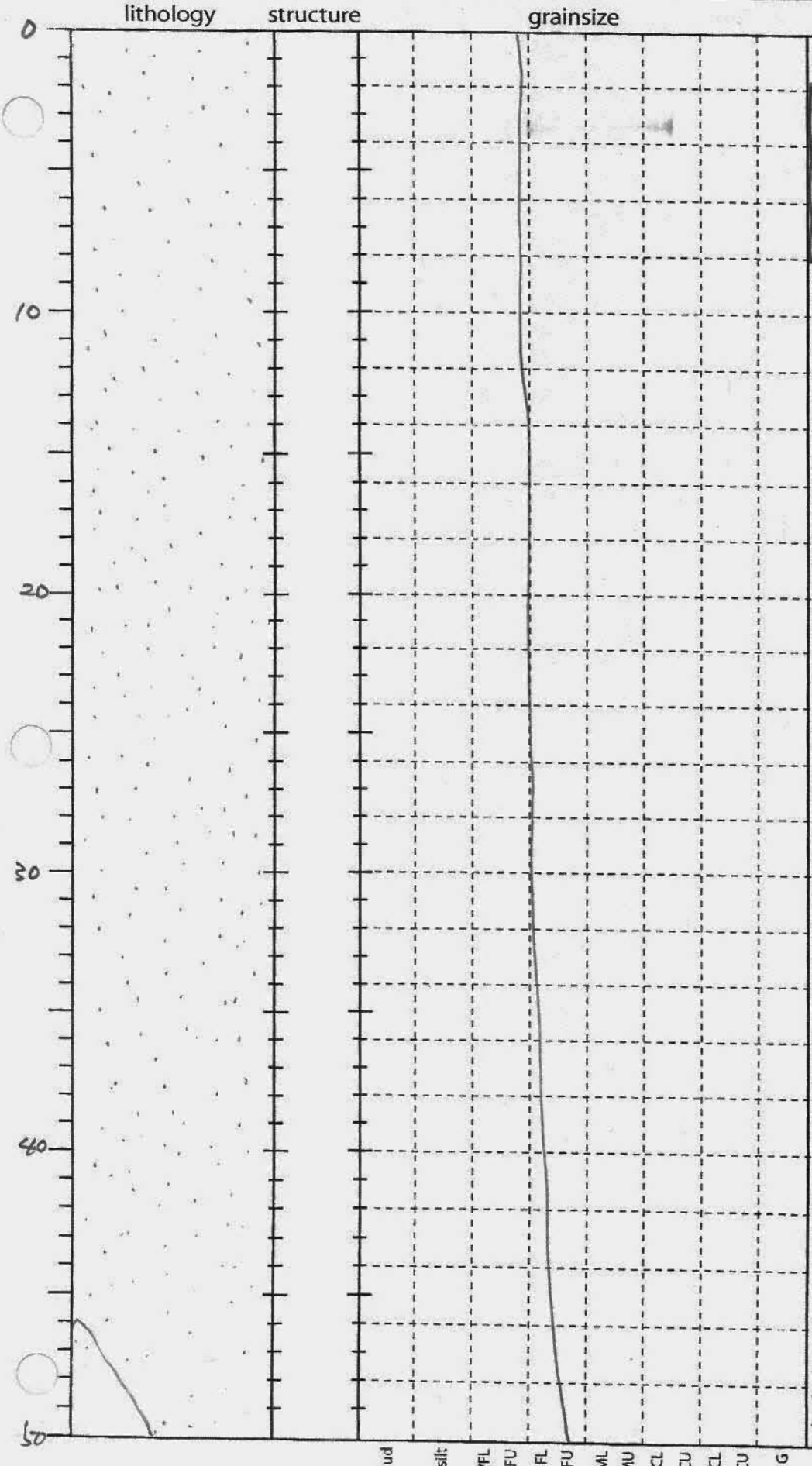
120.5-121.3cm: laminated v.f.s-c. silt sharp top & base

R3 cm
(381.5cm)

MST length: 381.0 cm
(122.5cm)

CORE LOG Core No. RR0705-95PC Section No. 1 sheet 1 of 2

Date 08/06/2007 Described by Ken Archive/Working

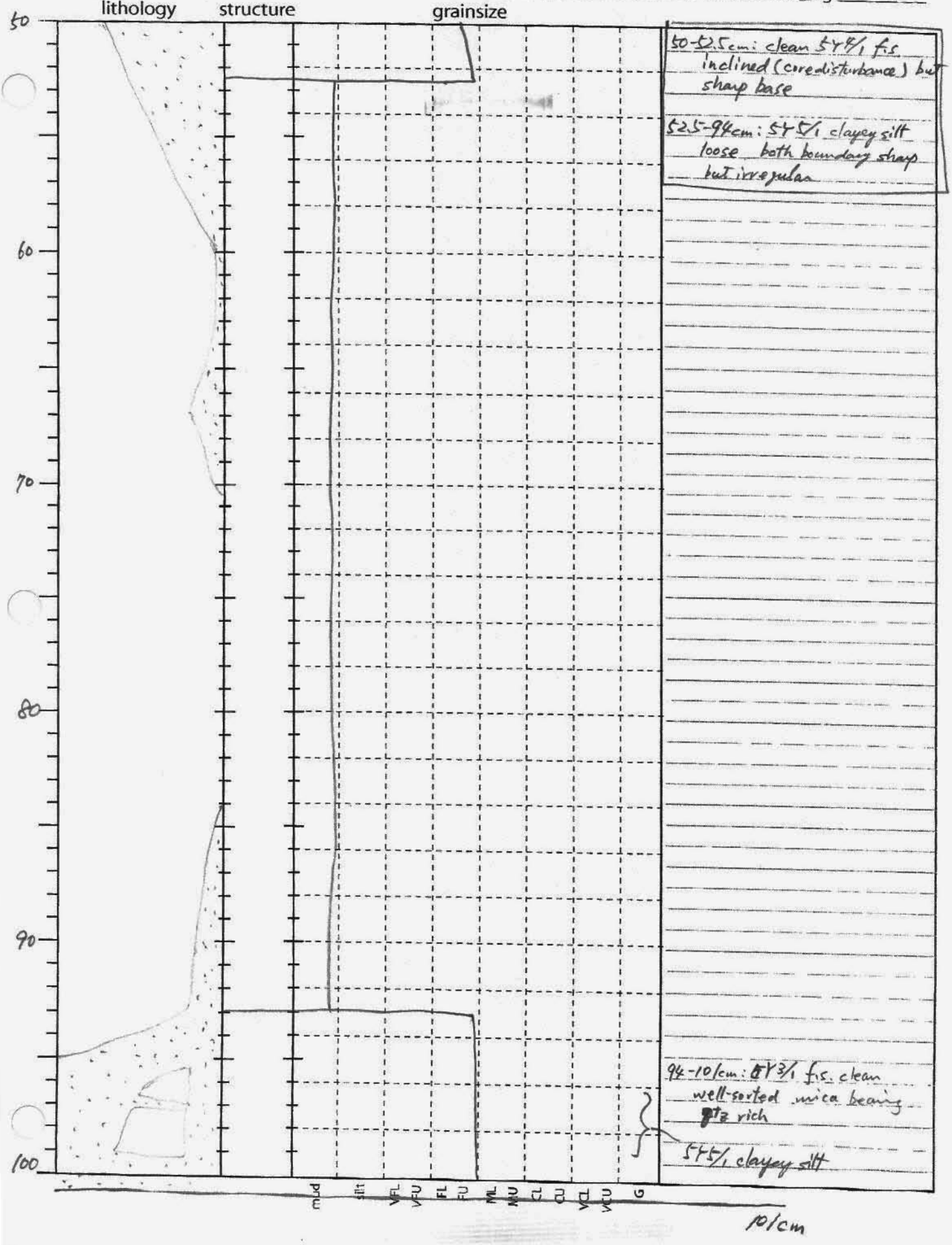


Top: 5Y 4/1 v.f.s. clean mica rich

0-50cm: 5Y 3/1 - 4/1 clean f-v.f.s mica bearing (rich in upper) lower boundary highly irregular and distorted slightly fining upward qtz rich

CORE LOG Core No. RR0705-95PC Section No. 1 sheet 2 of 2

Date 08/06/2007 Described by Ken Archive/Working



50-52.5cm: clean 5Y4/1 f.s. inclined (core disturbance) but sharp base

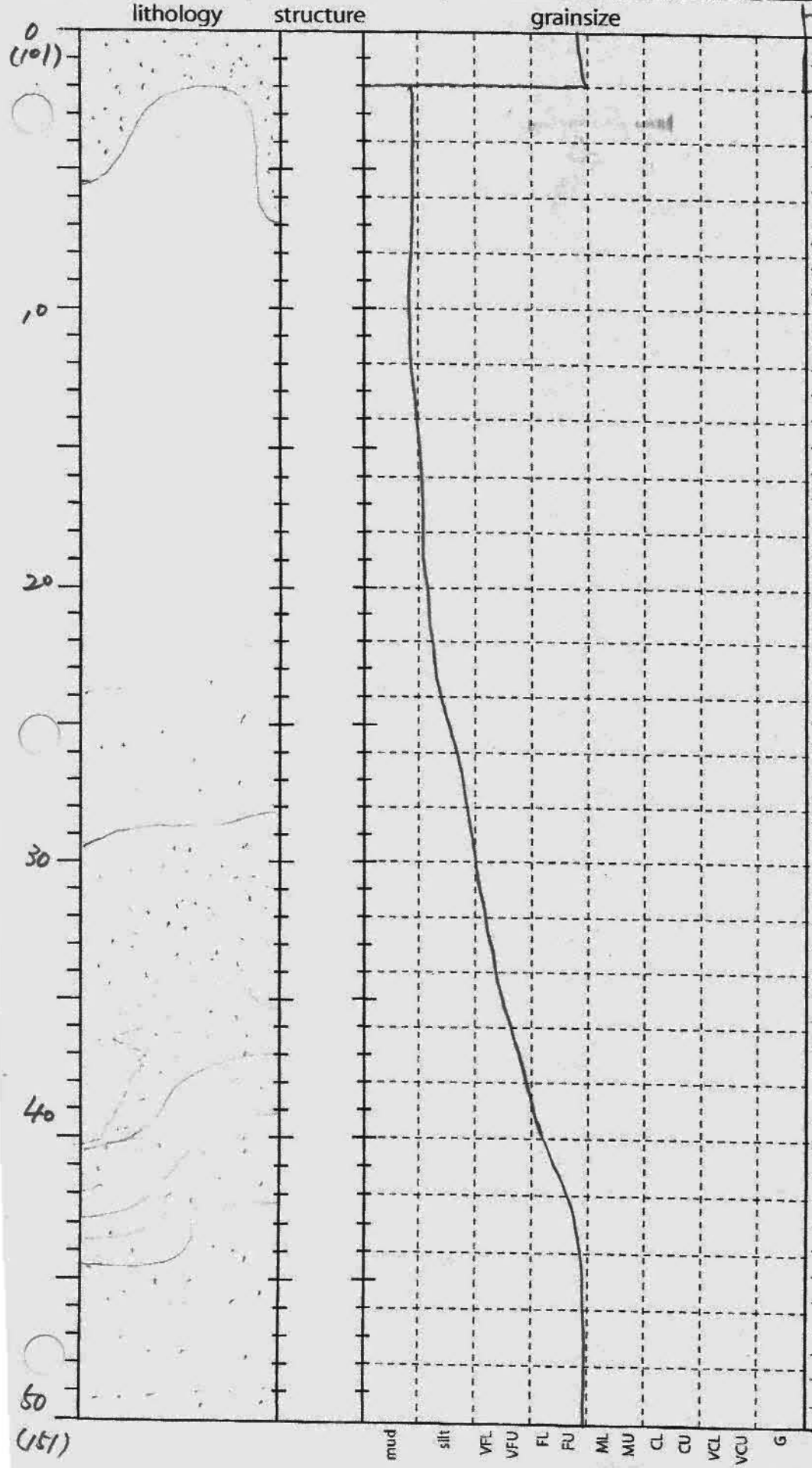
52.5-94cm: 5Y5/1 clayey silt loose both boundary sharp but irregular

94-100cm: 5Y3/1 f.s. clean well-sorted mica bearing ~~gr~~ rich

5Y5/1 clayey silt

CORE LOG Core No. RR0705-95PC Section No. 2 sheet 1 of 3

Date 08/06/2007 Described by Ken Archive/Working



0-2cm
5Y4/1 clean f.s
lower boundry highly distorted

2-24cm
5Y5/1 clayey silt

2-56.5cm: upward fining
f.s - clayey silt
sharp base

24-29cm: 5Y4/1 m-c.silt

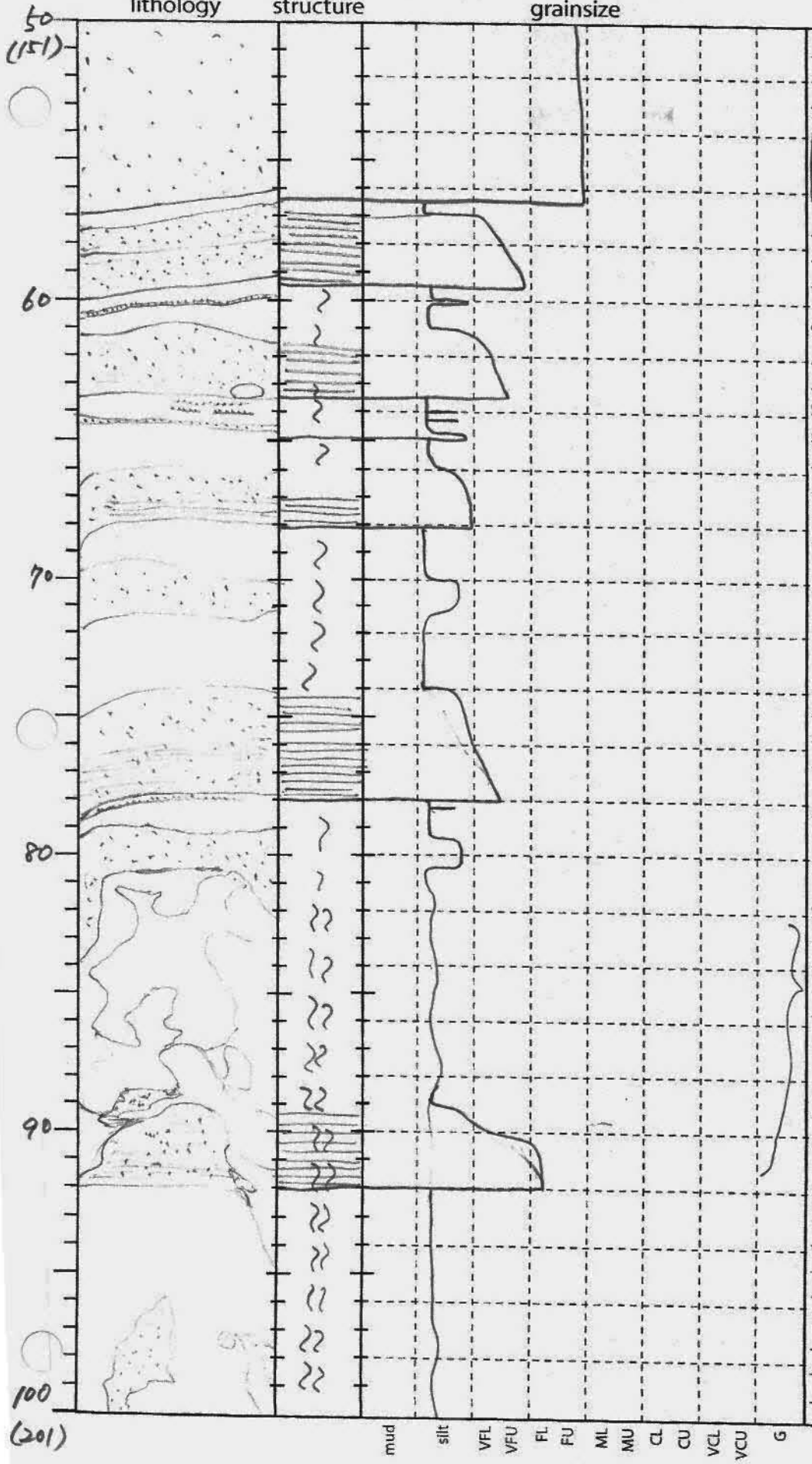
29-35cm: 5Y4/1 c.silt - v.f.s

35-44cm: 5Y4/1 v.f.s - f.s
distorted lamination

44-56.5cm: 5Y4/1 f.s clean
well-sorted

CORE LOG Core No. RR0705-95PC Section No. 2 sheet 2 of 3

Date 08/06/2007 Described by Ken Archive/Working



-56.5cm: clean f.s. qtz rich

56.5-100cm: GLEY1 9/10Y silt with many c.silt-f.s. layers bioturbated

57-59.8cm: upper (57-58.5) 2.5Y 8/1 v.f.s., lower (58.5-59.8) GLEY1 3/10Y v.f.s. sharp base parallel laminated

60-60.1cm: c.silt

60.5-63.5cm: 2.5Y 8/1 v.f.s sharp base parallel laminated partly burrowed

64, 64.3cm: c.silt layer

64.8-65cm: c.silt

66.1-68.1cm: 2.5Y 8/1 parallel laminated c.silt sharp base, gradual top upward fining

69.8-71.2cm: bioturbated c.silt

74-78cm: upward fining v.f.s.-c.silt parallel laminated sharp base gradual top

78.2cm: c.silt thin layer

79-80.3cm: bioturbated c.silt

bioturbated (mixture of silt & m.silt)

88.2-92cm: upward fining parallel laminated f.s.-c.silt sharp base bioturbated upper boundary highly bioturbated

CORE LOG Core No. RR0705-95PC Section No. 2 sheet 3 of 3

Date 08/06/2007 Described by Ken Archive/~~Working~~

lithology structure grainsize

700
(201)

110

120

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

100–108.5cm: bioturbated m. silt
GLEY1 5/10Y

slightly
108.5–112cm: upward fining
v.f.s. bioturbated
sharp base
parallel or low-angle cross laminated
upper boundary bioturbated

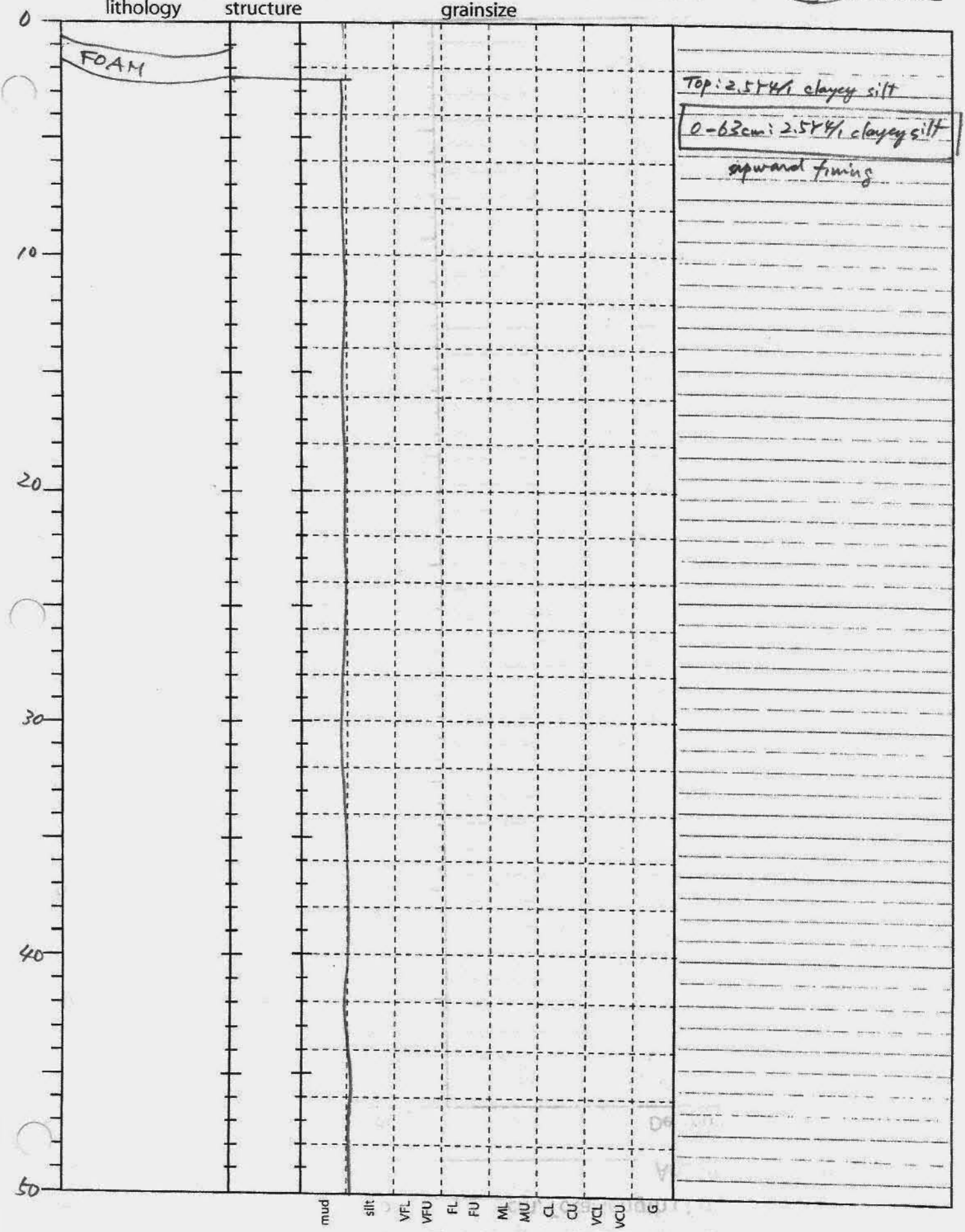
112–114.5cm (right): f.s. (burrow fill)
burrows filled by v.f.–f.s.

112–121.5cm: GLEY1 4/10Y silt
bioturbated

121.5cm
(222.5cm)

CORE LOG Core No. RR0705 -96TC Section No. 1 sheet 1 of 3

Date 09/06/2007 Described by Ken Archive/Working



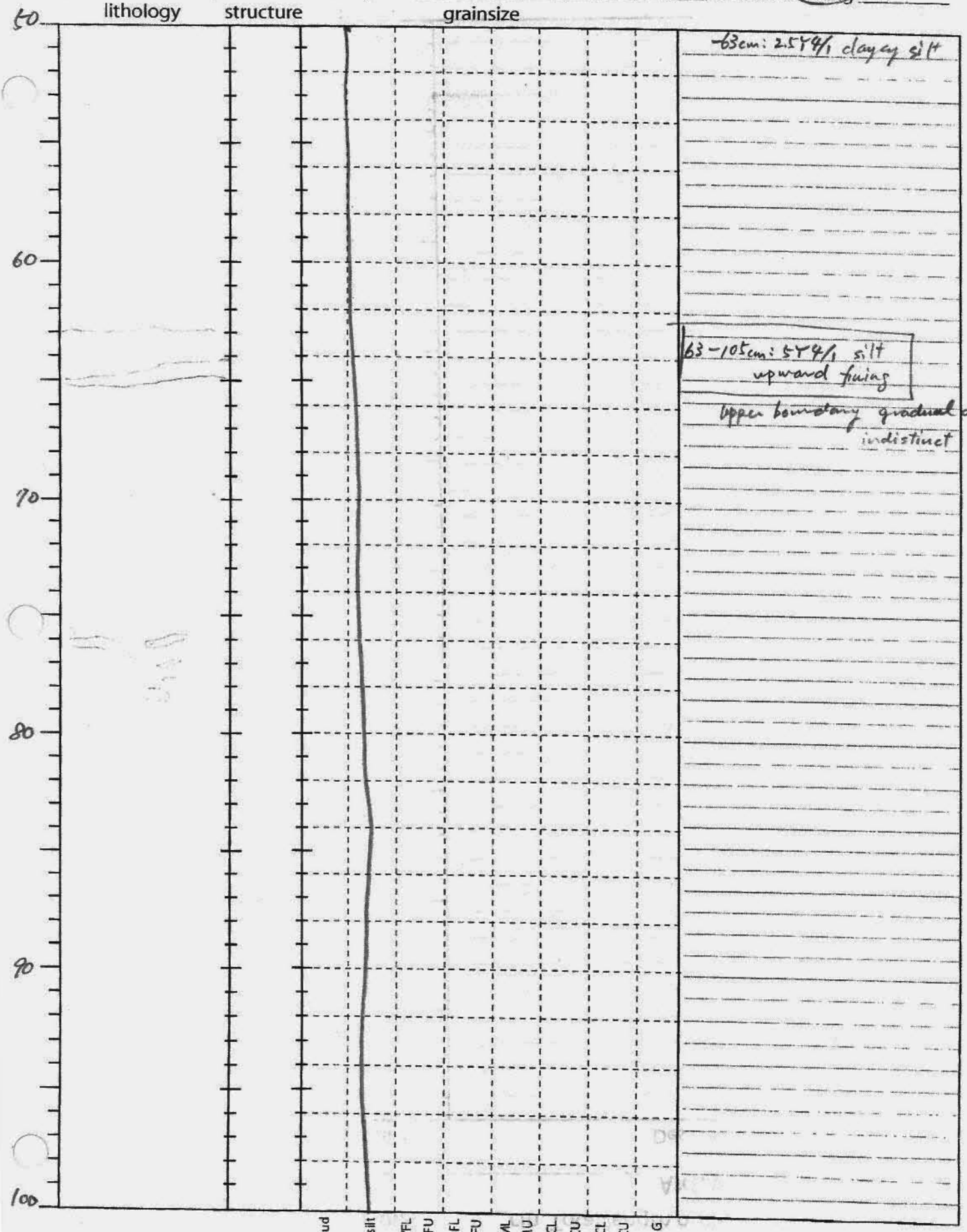
Top: 2.5Y4/1 clayey silt

0-63cm: 2.5Y4/1 clayey silt

upward fining

CORE LOG Core No. RR0705-96TC Section No. 1 sheet 2 of 3

Date 09/06/2007 Described by Ken Archive/Working



63cm: 2.5Y4/1 clayey silt

63-105cm: 5Y4/1 silt
upward fining

Upper boundary gradual and indistinct

CORE LOG Core No. RR0705-96TC Section No. 1 sheet 3 of 3

Date 09/06/2007 Described by Ken Archive/Working

lithology structure grainsize

100

110

120

130

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

-105cm: 5Y4/1 silt

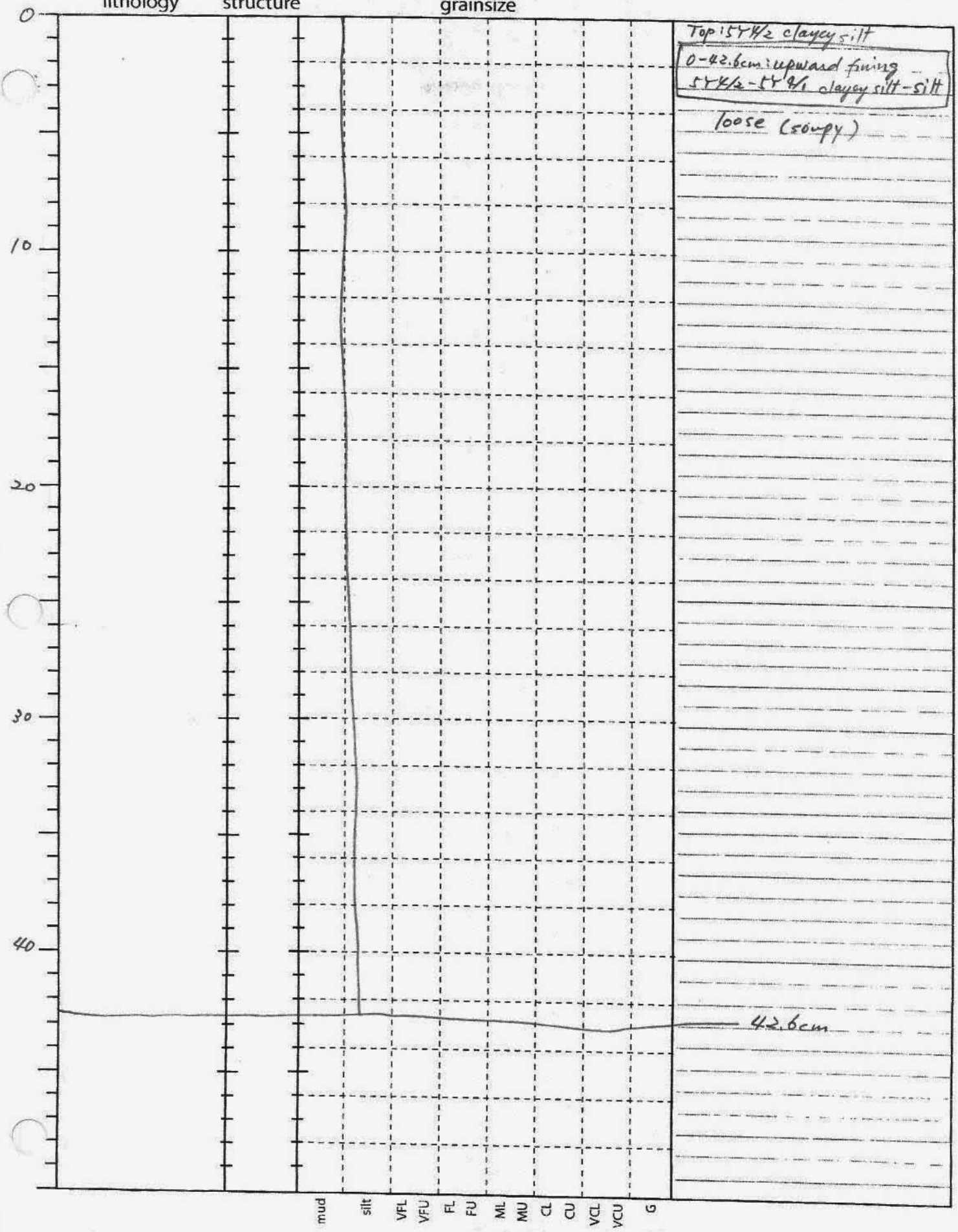
105-127cm: 5Y4/1 m-c. silt
upward fining
upper boundary gradual and indistinct

127-132cm: 2.5Y5/1 clayey silt
upper boundary irregular but sharp
multiple?

132 cm

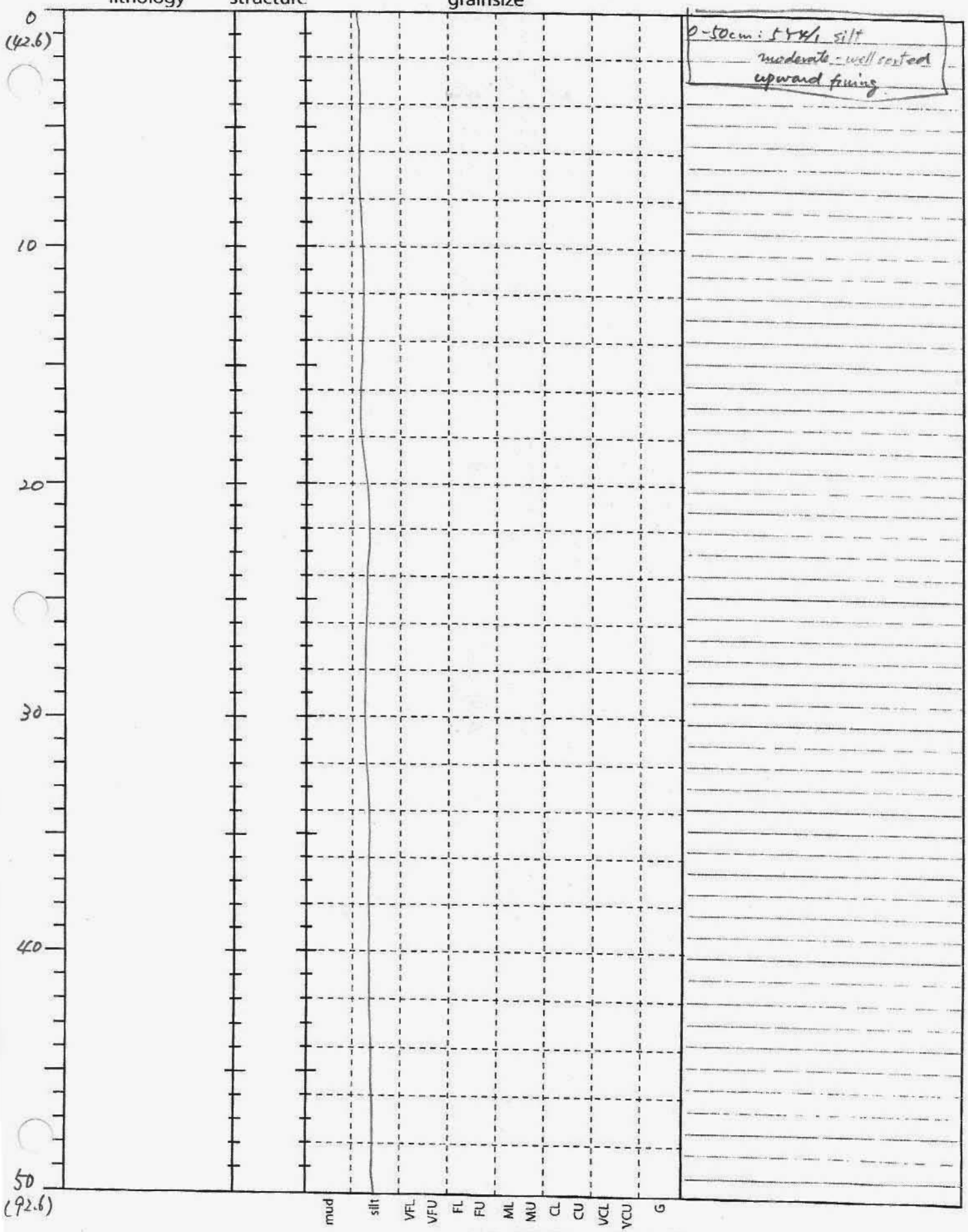
CORE LOG Core No. RR0705-96PC Section No. 1 sheet 1 of 1

Date 09/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-96PC Section No. 2 sheet 1 of 3

Date 09/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-96PC Section No. 2 sheet 2 of 3

Date 09/06/2007 Described by Ken Archive/Working

lithology | structure | grainsize

50 (92.6)

60

70

80

90

100 (142.6)

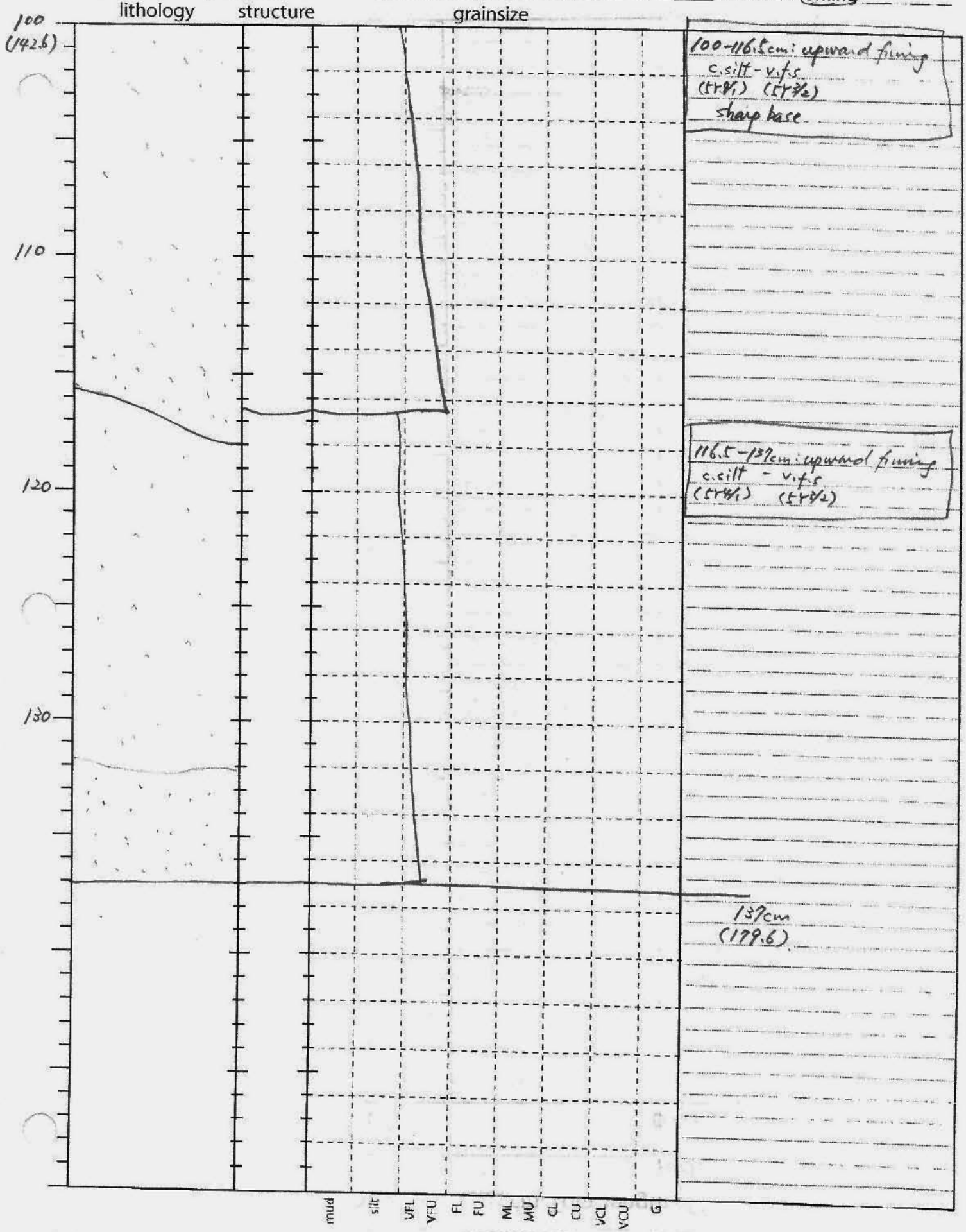
mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

70-100cm:
5Y 4/1 m-c. silt
upward fining

← a little darker layer

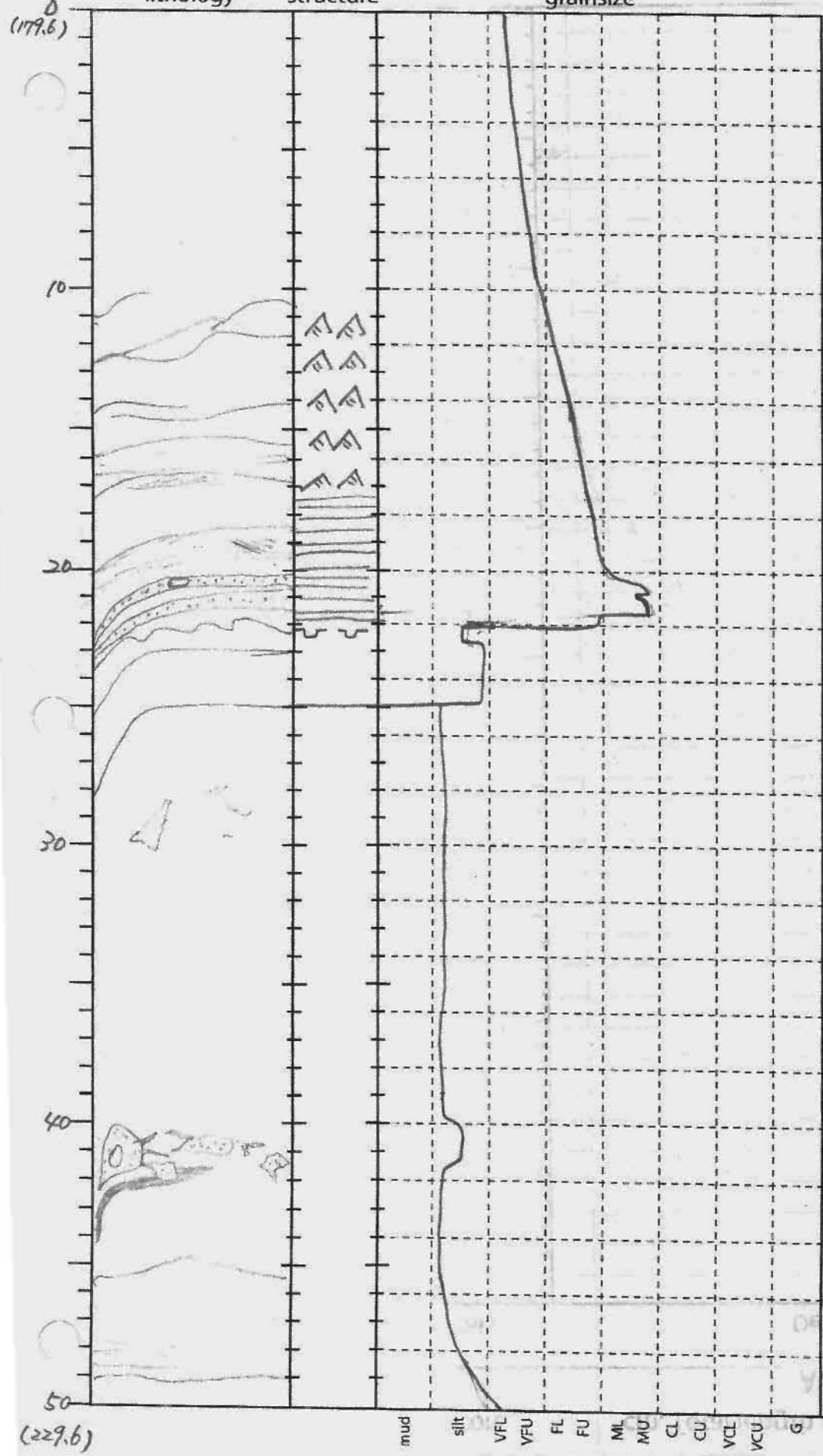
CORE LOG Core No. RR0705-96PC Section No. 2 sheet 3 of 3

Date 09/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-96PC Section No. 3 sheet 1 of 3

Date 09/06/2007 Described by Ken Archive/Working



0 – 11cm: 5Y4/1 clean v.f.s. micas bearing

11 – 17.2cm: ripple laminated v.f.s-f.s.

17.2 – 20.2cm: parallel laminated v.f-f.s. (5Y6/1)

20.2 – 21.7cm: 5Y5/2 foraminiferal m-f.s. lower boundary load casted
21.7 – 23cm: 5Y4/1 silt
23 – 25cm: 2.5Y3/1 m-c. silt well-sorted.

25 – 45 cm: 2.5Y4/1 silt foram bearing bioturbated

39.8 – 41.6cm: 10YR 3/1 m-c. silt bioturbated

45 – 49cm: upward fining 2.5Y4/1 m-c. silt

49 – 51.5cm: 5Y3/2 c. silt – v.f.s upward fining

CORE LOG Core No. RR0705-96PC Section No. 3 sheet 2 of 3

Date 09/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (229.6)

60

70

80

90

100 (179.6)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

-51.5cm v.f.s-c.silt

51.5-52cm: rippled v.f.s. sharp base

54.9-55.4cm: c.silt layer

55.8cm: c.silt thin layer

53-61.5cm: 5Y 4/1 silt with c.silt layers

61.5-63cm: GLEY1 4/10Y silt

63-76.5cm: upward fining v.f.s-m.silt sharp base gradual and indistinct top

63-68.8cm: m.silt

68.8-71cm: c.silt

71-74.7cm: v.f.s-c.silt (GLEY1 4/1)

74.7-76.5cm: rippled v.f.s (GLEY1 3/10Y & 5/10Y laminae)

77.5, 77.9, 78.1cm: c.silt thin layer

76.5-81cm: 5Y 4/1 silt

81-85.5cm: GLEY1 5/10Y silt

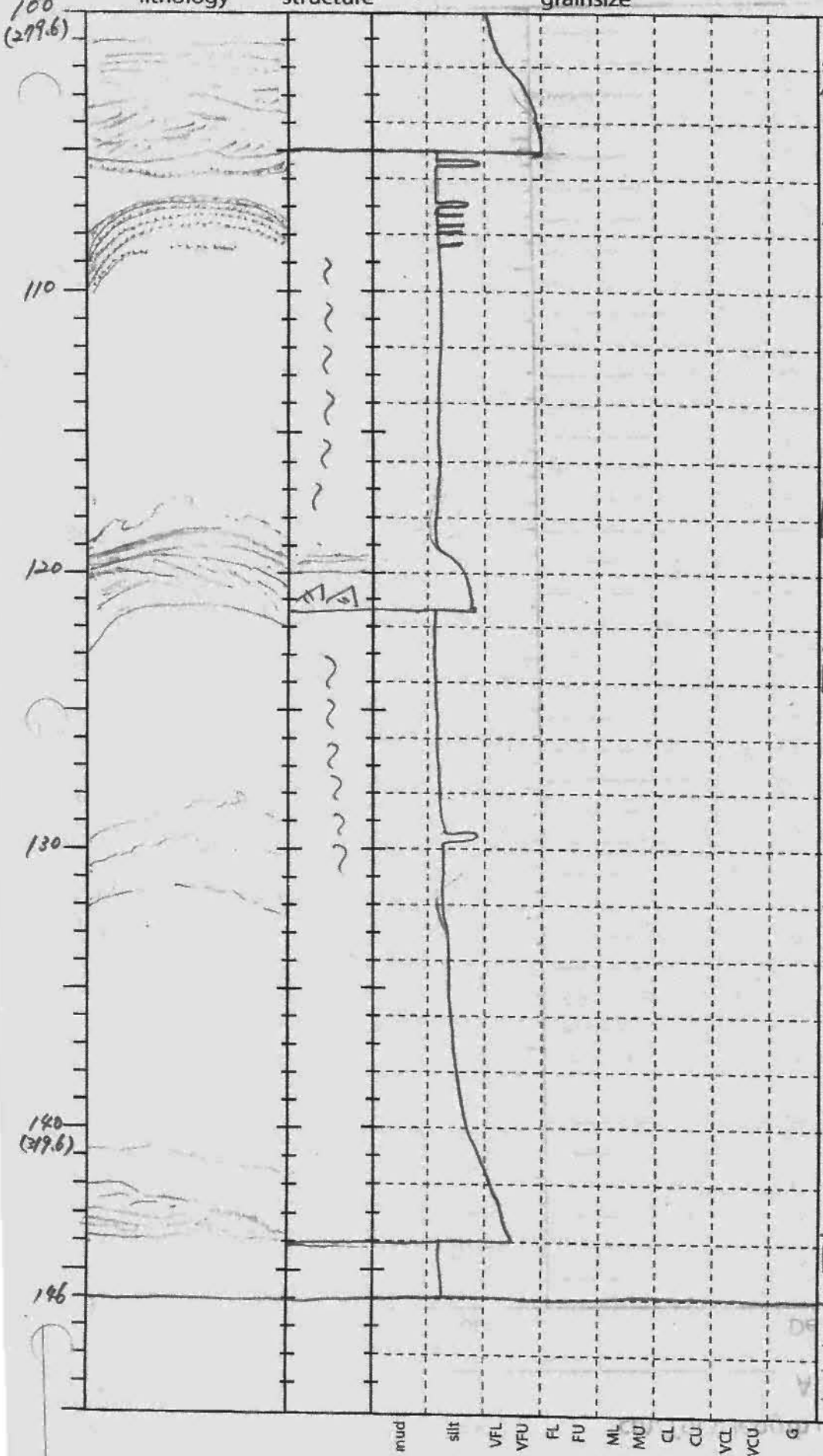
85.5-105cm: upward fining v.f.s-m.silt sharp base top gradual & indistinct

85.5-94cm: m.silt parallel laminated?

94-101cm: GLEY1 4/N c.silt-v.f.s

CORE LOG Core No. RR0705-98PC Section No. 3 sheet 3 of 3

Date 09/06/2007 Described by Ken Archive/Working



101-102.7cm: parallel laminated v.f.s.

102.7-105cm: rippled v.f.s

sharp base

base load or flute casted.

105.5-105.7cm: c.silt

106.6-106.8cm: c.silt

107, 107.3, 107.7, 108.2cm: c.silt thin lam.

105-117.2cm: GLEY1 5/10Y silt

forams occur 107.5-117cm

117.2-121.3cm: upward fining v.f.s-silt

upper gradual, lower shape contacts

119.2-119 cm: 2.5Y4/1 silt - m.silt

119-121.3cm: rippled v.f.s - c.silt

118.2-119.1cm: brown oxidized lam.

121.3-131.2cm: GLEY1 5/10Y silt

127.7-129cm: m.silt (burrow fill?)

boundary irregular & indistinct

131.5-184cm: upward fining

v.f.s-silt, sharp base gradual & indistinct top

131.5-136cm: parallel laminated? c.silt

136-142cm: c.silt-v.f.s

142-144cm: rippled v.f.s

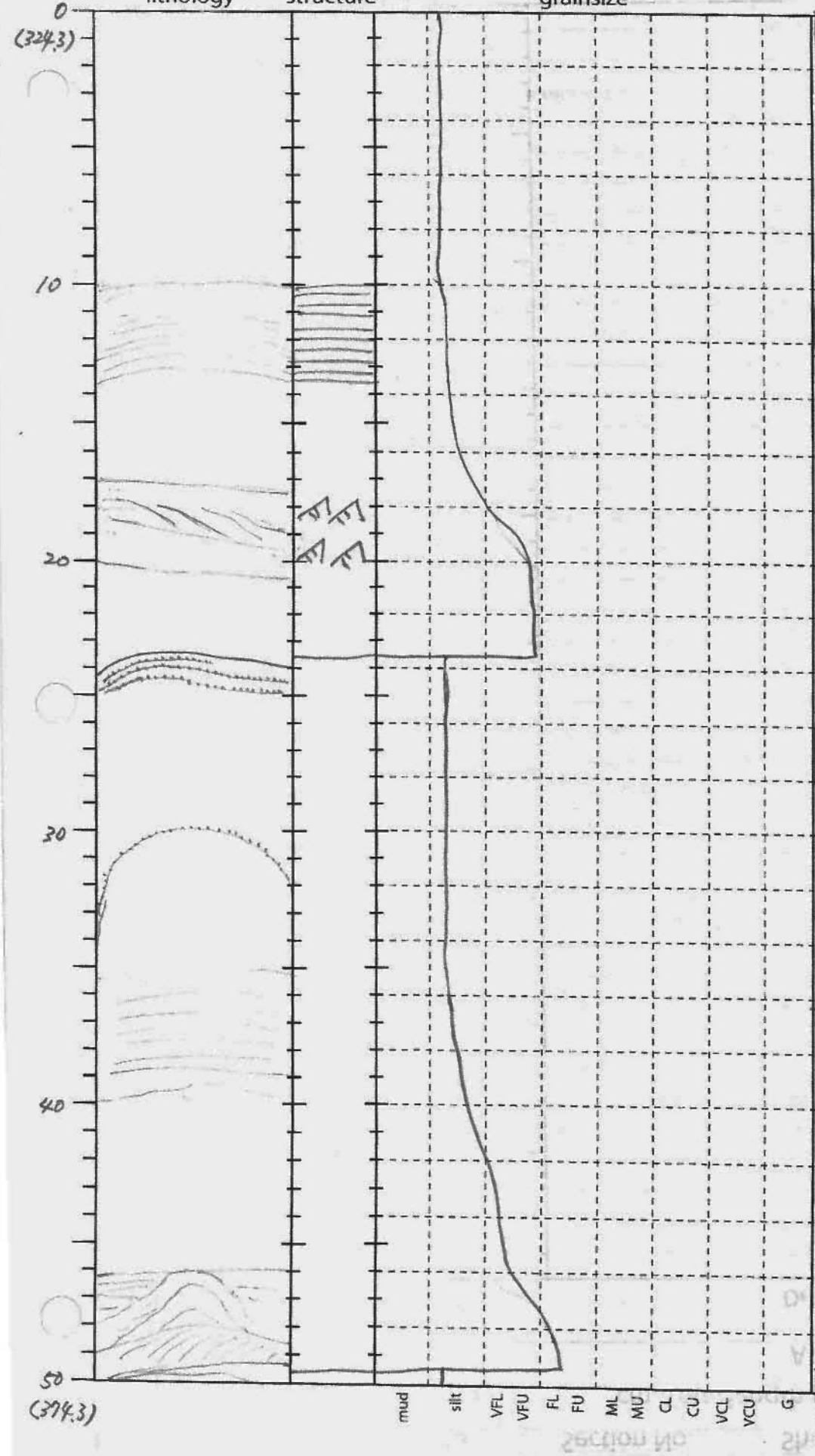
144-146cm: GLEY1 5/10Y silt

146cm (326.6cm)

MST length 324.3cm

CORE LOG Core No. RR0705-96PC Section No. 4 sheet 1 of 3

Date 09/06/2007 Described by Ken Archive/Working



0-10cm: GLEY1 4/10Y silt

10-23.5cm: upward fining v.f.s-m. silt
sharp base, top gradual and indistinct

10-14cm: parallel laminated
m-c. silt (GLEY1 4/10Y)

14-17cm: c. silt

17-20.5cm: parallel-ripple laminated
c. silt (GLEY1 5/10Y)

20.5-23.5cm: v.f.s. (GLEY1 3/10Y)
lowest part parallel laminated

23.7, 23.9, 24.2cm: c. silt thin layer

23.5-35cm: GLEY1 4/10Y silt
with c. silt thin layers

30.1cm: c. silt thin layer

35-49.6cm: upward fining
f.s-m. silt
sharp base, gradual & indistinct top

35-40cm: parallel laminated
m-c. silt

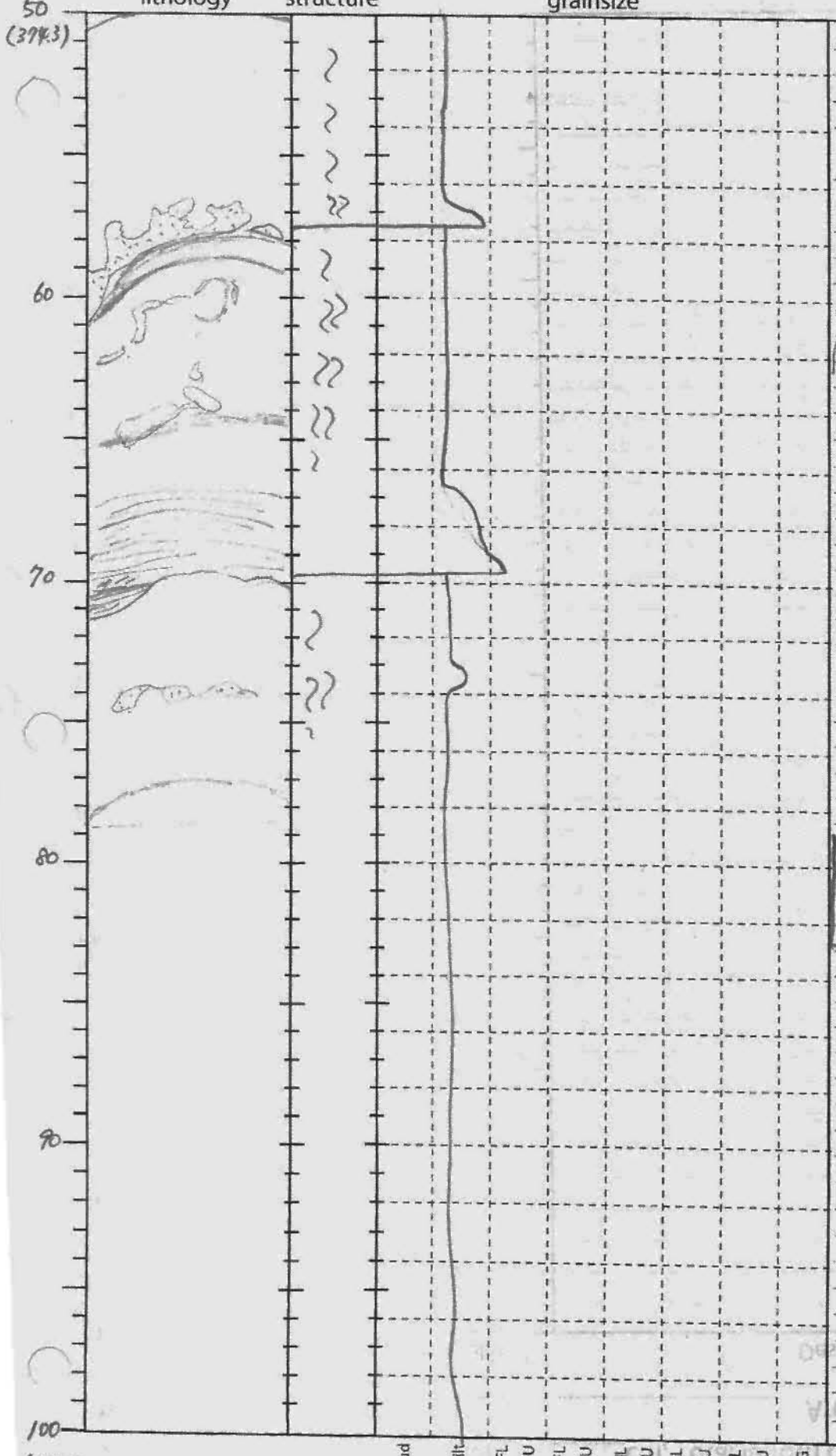
40-46.2cm: upward fining
v.f.s-c. silt

46.2-49.6cm: parallel or ripple
laminated v.fs-f.s

49.6-56cm: GLEY1 4/10Y silt
forams bearing

CORE LOG Core No. RR0705-96PC Section No. 4 sheet 2 of 3

Date 09/06/2007 Described by Ken Archive/Working



49.6-56cm: GLEY1 4/10Y silt foram bearing

56-57.5cm: c.silt bioturbated

57.2-57.5, 58cm: brown oxidized layer

bioturbated

57.5-66.8cm: GLEY1 4/10Y silt bioturbated

63.5-66.4cm: brownish oxidized layer

66.8-69.8cm: upward fining c.silt-v.f.s sharp base

69.8-78.5cm: 5Y 4/1 silt with burrows bioturbated

73.6-74.4cm: m.silt (burrow fill?)

78.5-115.2cm: GLEY1 4/N silt lower part c.silt upper color boundary sharp

CORE LOG Core No. RR0705-96PC Section No. 4 sheet 3 of 3

Date 09/06/2007 Described by Ken Archive/Working

lithology structure grainsize

100 (4293)

110

-115.7cm: GLEY1 4/N silt

coarser

115.7cm (4410cm)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

CORE LOG Core No. RR0705-97MC Section No. ~~No.~~ TUBE 7 (72 CM) sheet 1 of 1

Date 12/06/07 Described by ZORAIDA Archive/Working

lithology | structure | grainsize

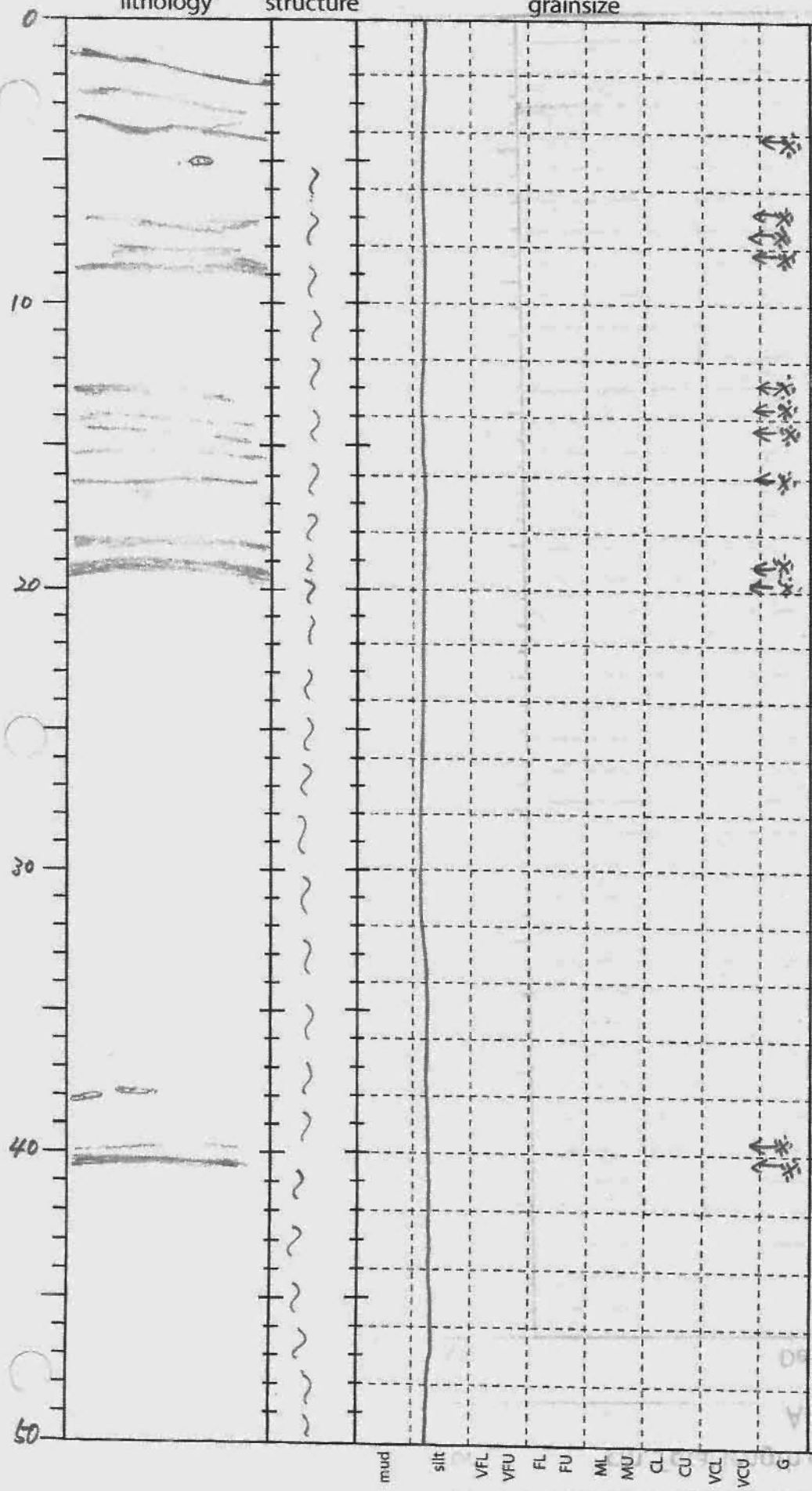
72 CM OF DARK GRAY SILT WITHOUT LAMINATIONS, STRUCTURES...

SS: 73 CM

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705-98PC Section No. 1 sheet 1 of 2

Date 09/06/2007 Described by Ken Archive/Working



Top: 2.5Y 4/1 silt

0-52.5cm: 5Y 4/1 silt with brown oxidized layers and c. silt patches (0-2cm: 2.5Y 4/1)

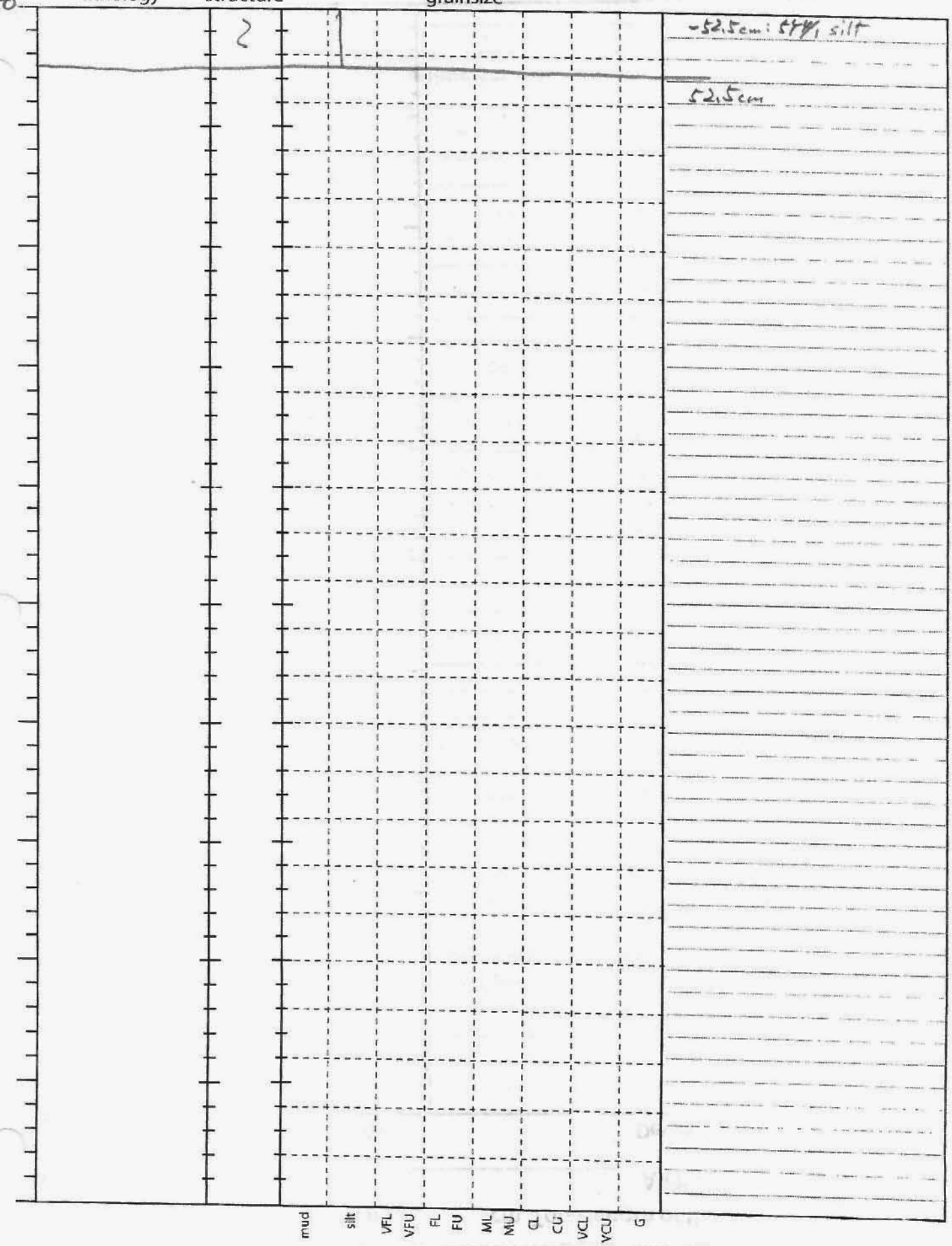
52.5cm: c. silt patch

* oxidized layers: 3.8-4, 7.4-7.7, 9.9-10.2, 12.8-13.4, 13.1-13.3, 14-14.2, 14.9-15, 16-16.2, 18.2-18.6, 19-19.7, 39.5, 40-40.4 cm

39.9-38.2cm: c. silt patches

CORE LOG Core No. RR0705-98PC Section No. 1 sheet 2 of 2

Date 09/06/2007 Described by Ken Archive/Working

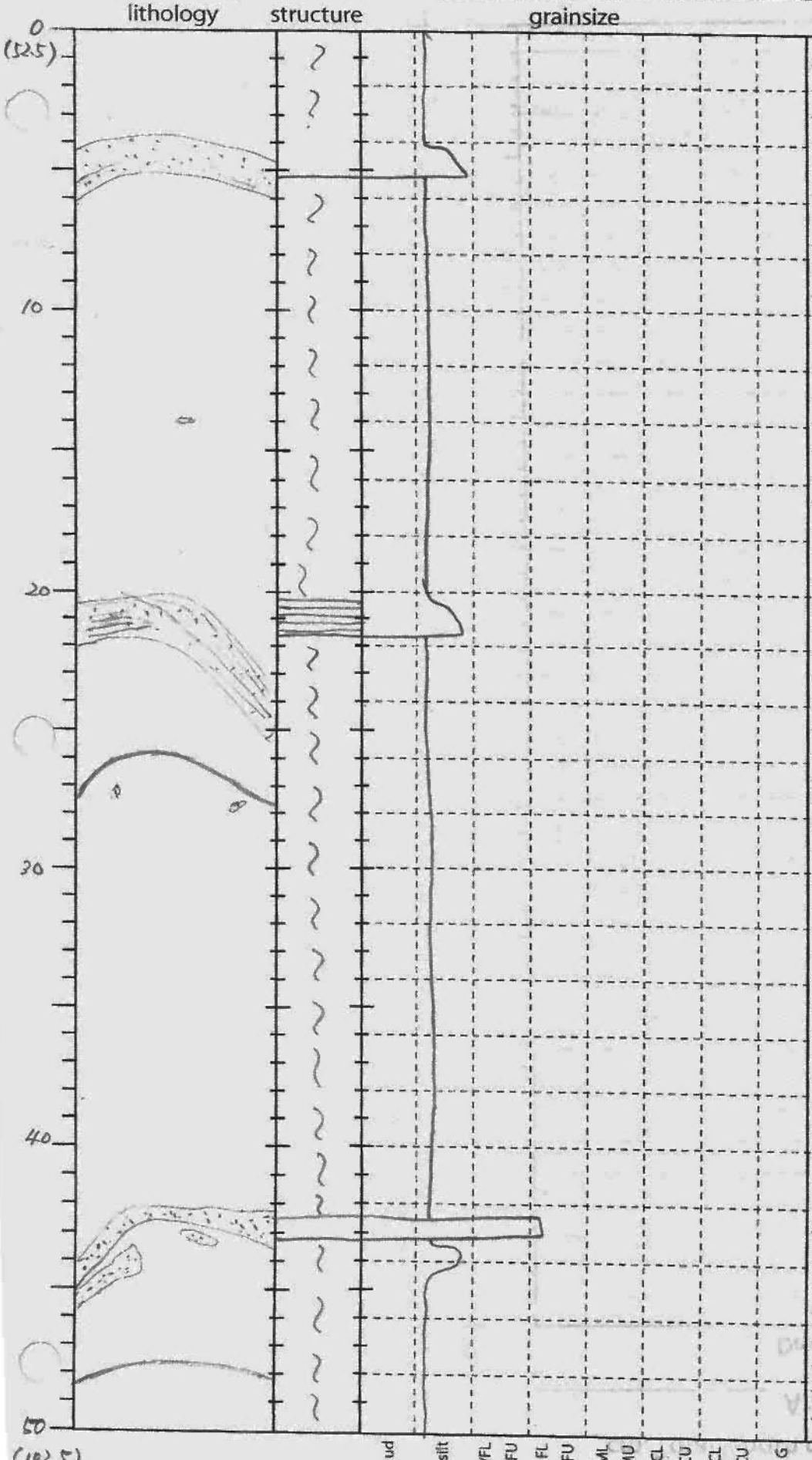


~52.5cm: 5YY, silt

52.5cm

CORE LOG Core No. RR0705-98PC Section No. 2 sheet 1 of 3

Date 09/06/2007 Described by Ken Archive/Working



0-50cm: 5Y 4/1 silt with c. silt and f.s. layers and brownish oxidized layers bioturbated

3.9-5.1cm: upward fining c-m. silt sharp top and base

20.2-21.7cm: parallel laminated m-c. silt sharp base, gradual top

26.3cm: brown oxidized layer

42.7-43.2cm: clean f.s. sharp top & base

43.9-44.5cm: m. silt (burrow fill)

47.9cm: brown oxidized layer

CORE LOG Core No. RR0705-98PC Section No. 2 sheet 2 of 3

Date 09/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (102.5)

60

70

80

90

100 (102.5)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

50-100cm: GLEY1 4/10Y silt with bioturbated c. silt layers and brown oxidized layer

53.9cm: c. silt patch

← white burrow fill

65.5-65.7cm: bioturbated c-m. silt layer, sharp base

68.6, 69-69.4cm: brown oxidized layer

73.1cm: c. silt thin layer

78.1cm: brown oxidized layer

80.8cm: brown oxidized layer

85.8-86.1cm: m-c. silt bioturbated

89.1-89.6cm: m-c. silt bioturbated

} sharp base

88.2cm: brown oxidized layer

91cm: brown oxidized layer

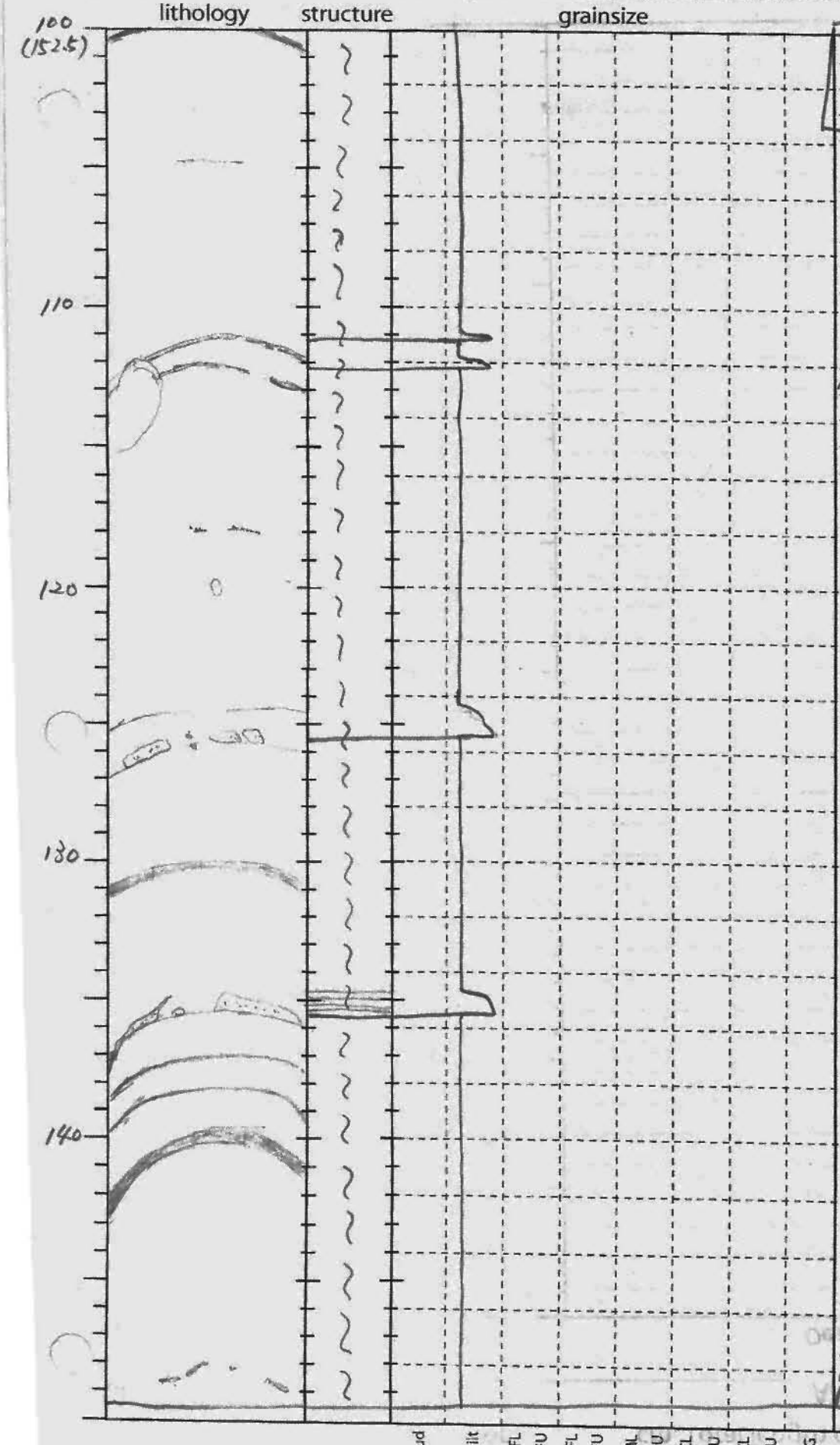
95.5cm: c-m. silt patches

99.4, 99.6-99.9cm: brown oxidized layer

CORE LOG Core No. RR0705-98PC Section No. 2 sheet 3 of 3

Date 09/06/2007 Described by Ken Archive/Working

lithology structure grainsize



100–149cm: 5Y4/1 silt with m-c. silt layers and brown oxidized layer

110–110.2cm: m-c. silt bioturbated } sharp top & base

111.9–112.2cm: m-c. silt bioturbated

118.2cm: m-c. silt thin layer bioturbated

burrow

123.3–125.6cm: m-c. silt sharp base upward fining, bioturbated

129.8–130.5cm: brownish oxidized layer

134.7–135.5cm: GLEY1 5/5Y c-m silt parallel laminated sharp base bioturbated

137, 138.2, 139.7–140.4cm: brownish oxidized layer

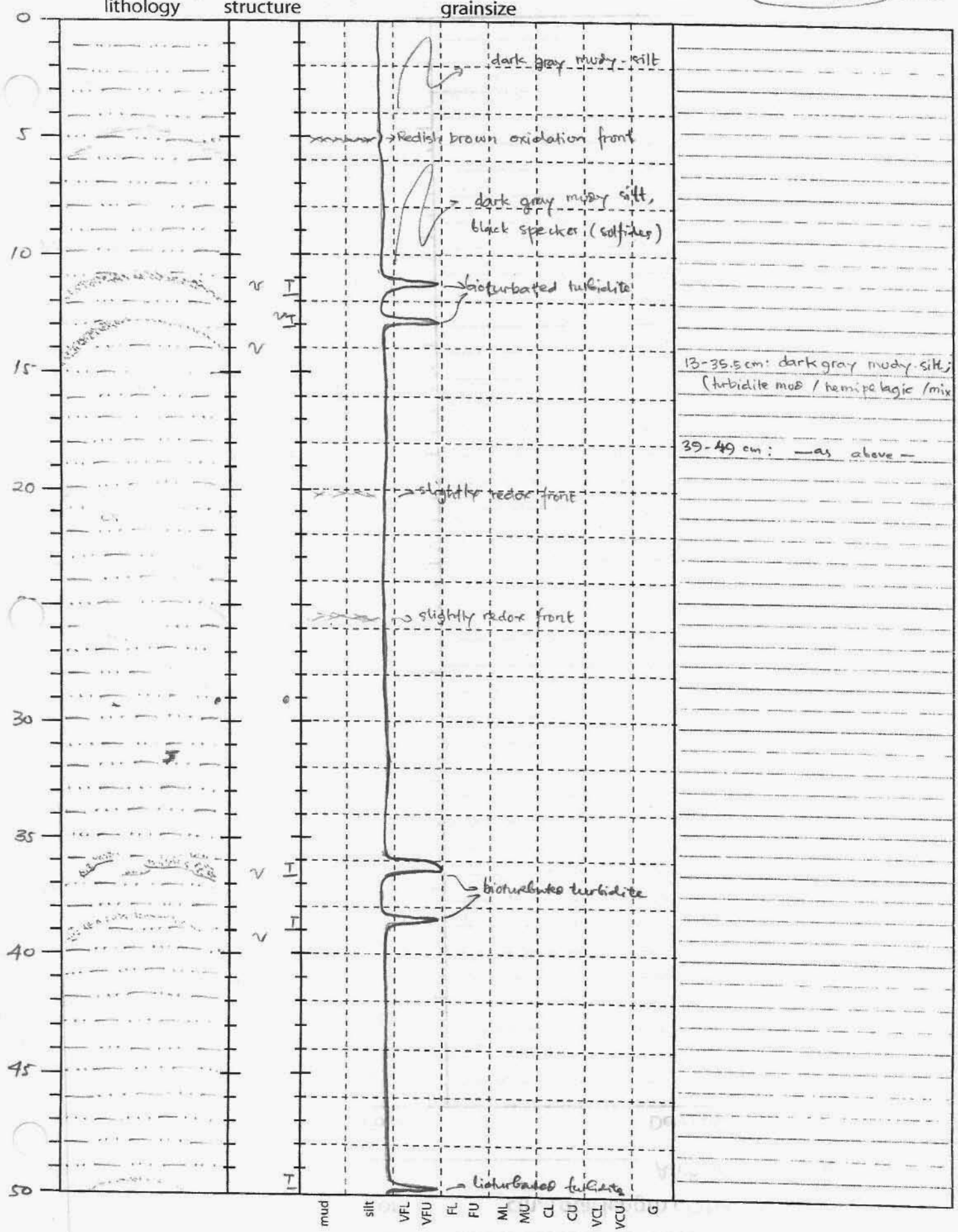
} tiny m-c. silt patches

149.5cm

(202cm)

CORE LOG Core No. RR0705 - 98 PC Section No. 3 of 4 (202 - 353) sheet 1 of 3

Date 10 JUNE 07 Described by SAPTA Archive/Working

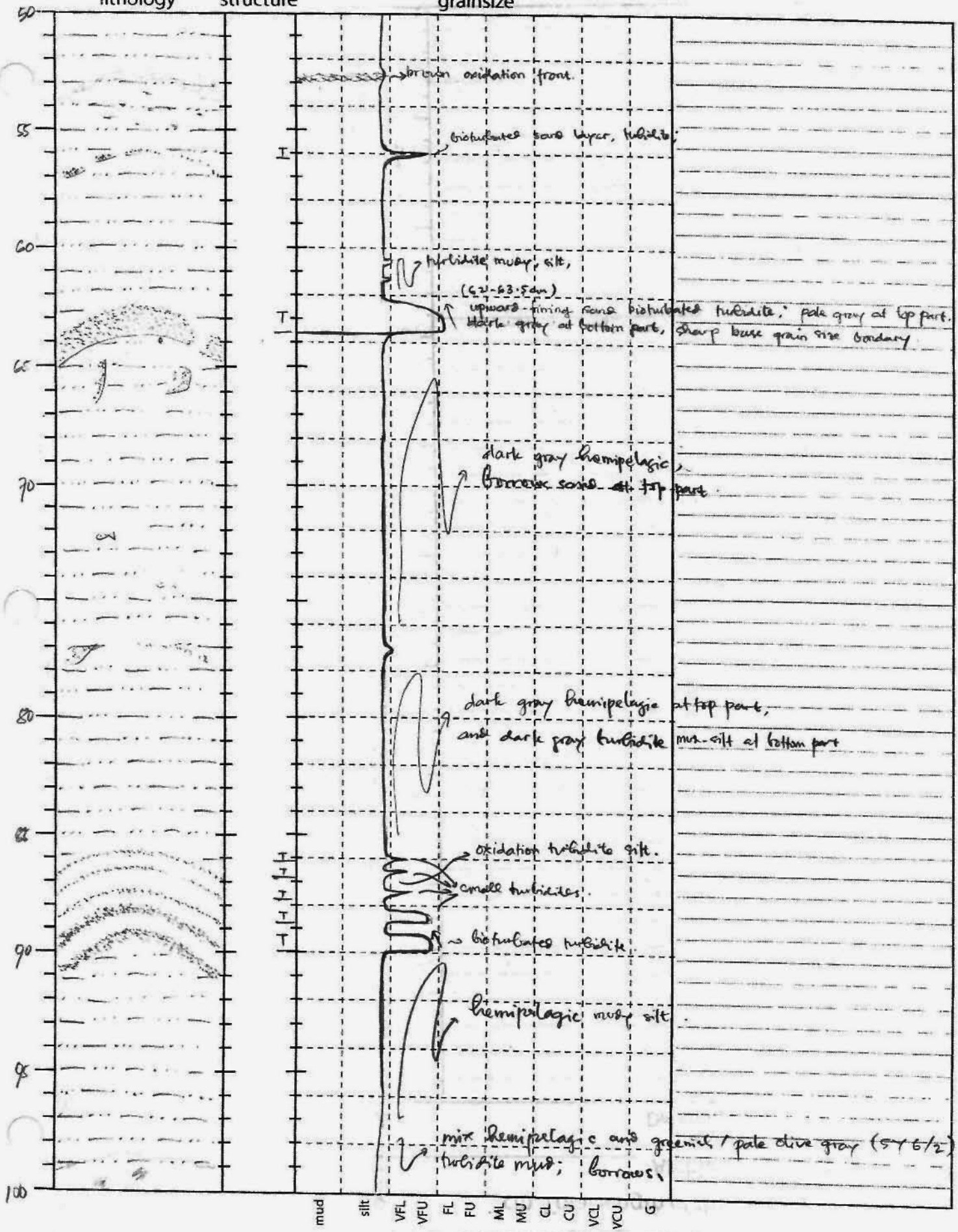


13-35.5 cm: dark gray muddy silt; (turbidite mud / hemipelagic / mix ?)

39-49 cm: — as above —

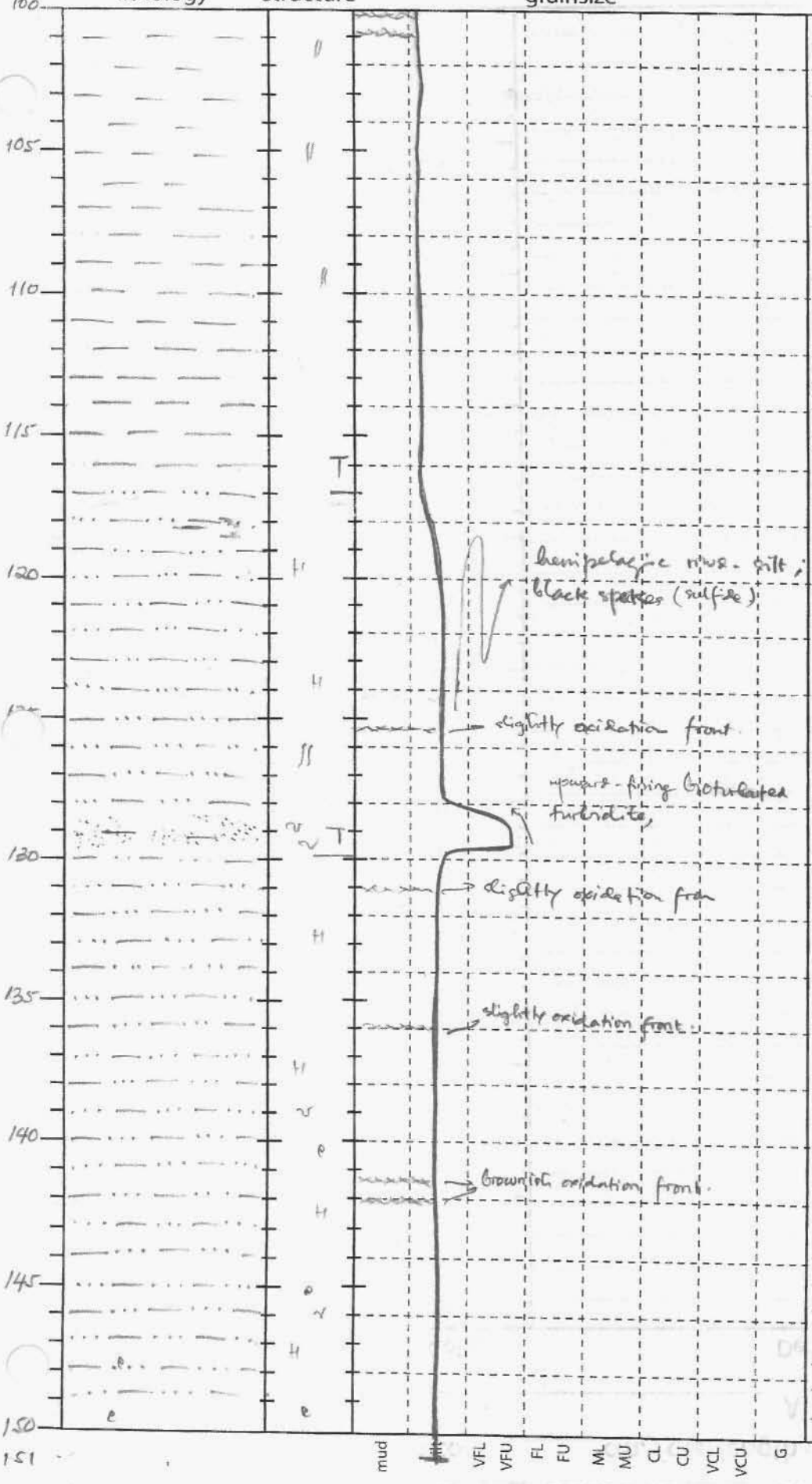
CORE LOG Core No. RR0705 - 98 PC Section No. 3 of 4 (202 - 358) sheet 2 of 3

Date 10 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-98PC Section No. 3 of 4 (202-353) sheet 3 of ____

Date 10 JUNE 07 Described by SAPTA Archive/Working



100-102: light olive gray turbidite mud; w/ dark gray burrows mud; slightly oxidation front at 101 & 102 cm.

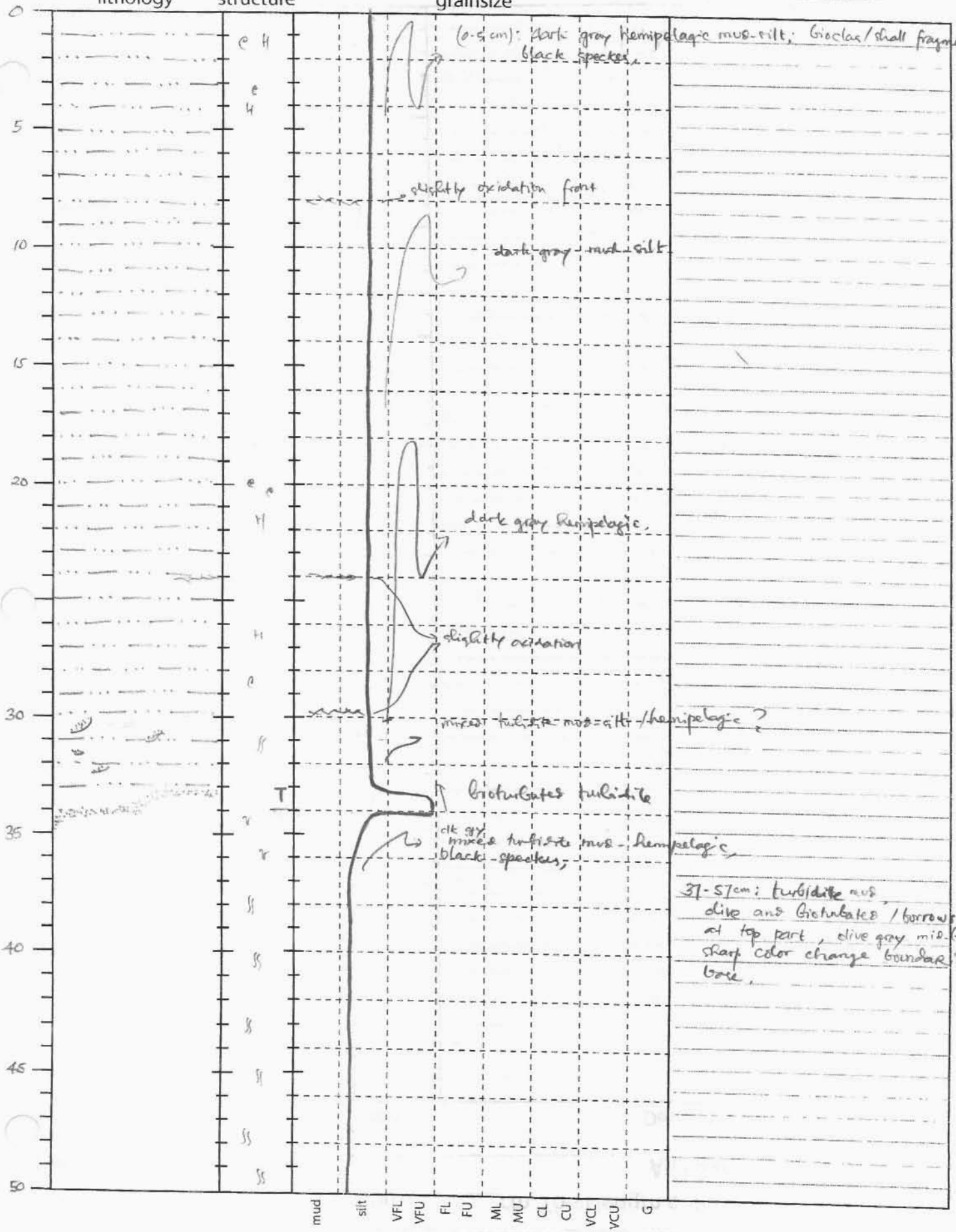
103-117 cm: gray turbidite mud, w/ dark gray burrows mud

130-151 cm; dark gray hemipelagic muds; black specks, foram/ shell fragment,

END of CORE RR0705-98 cc 3 of 4 (202-353 cm) lenght (151 cm)

CORE LOG Core No. RR0705-98 PC Section No. 4 of 4 (353-477 cm) sheet 1 of 3

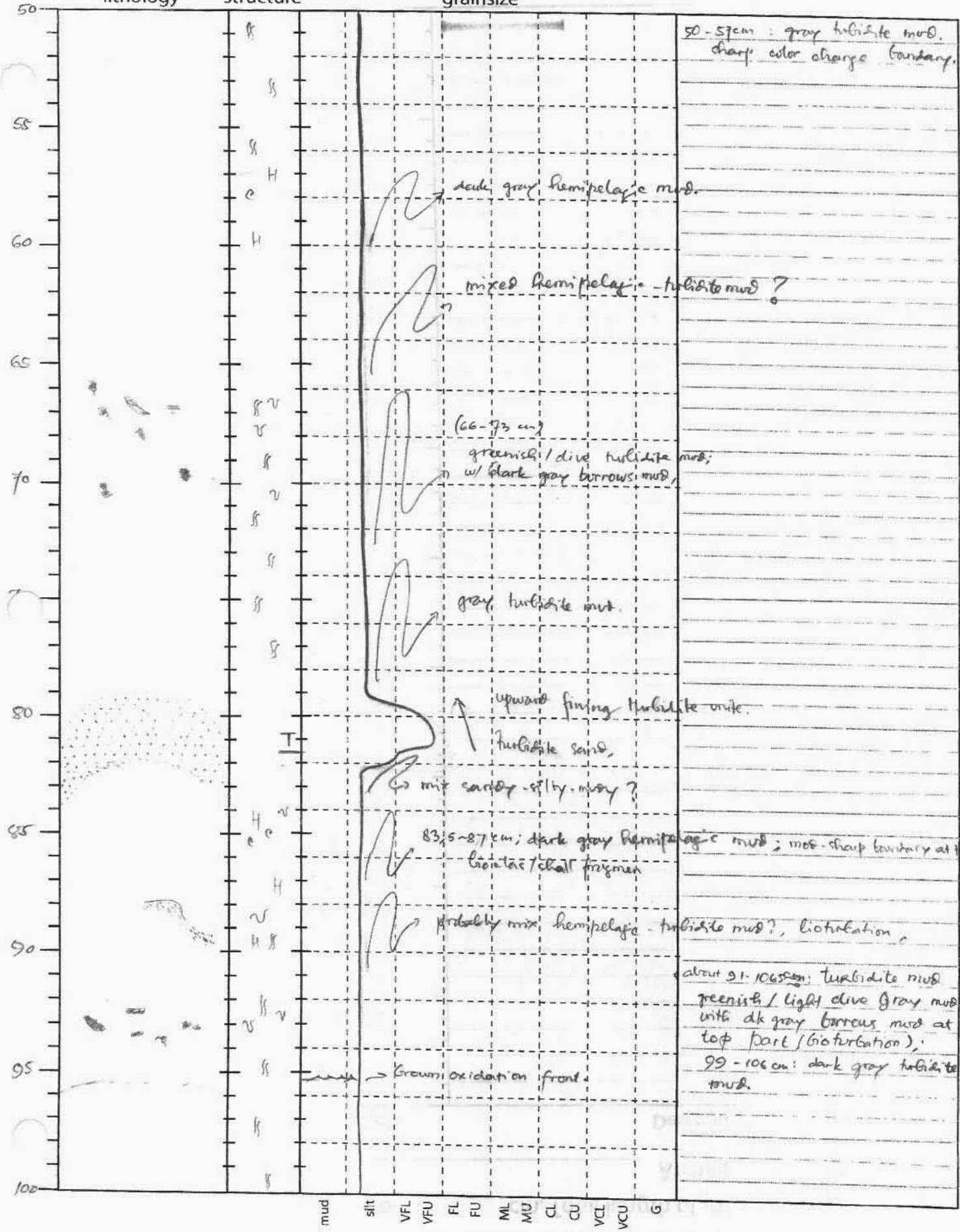
Date 10 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 98PC Section No. 4 of 4 (353-477 cm) Sheet 2 of 2

Date 10 JUNE 07. Described by SAPTA Archive/Working

lithology structure grainsize



50 - 57cm : gray turbidite mud. sharp color change boundary.

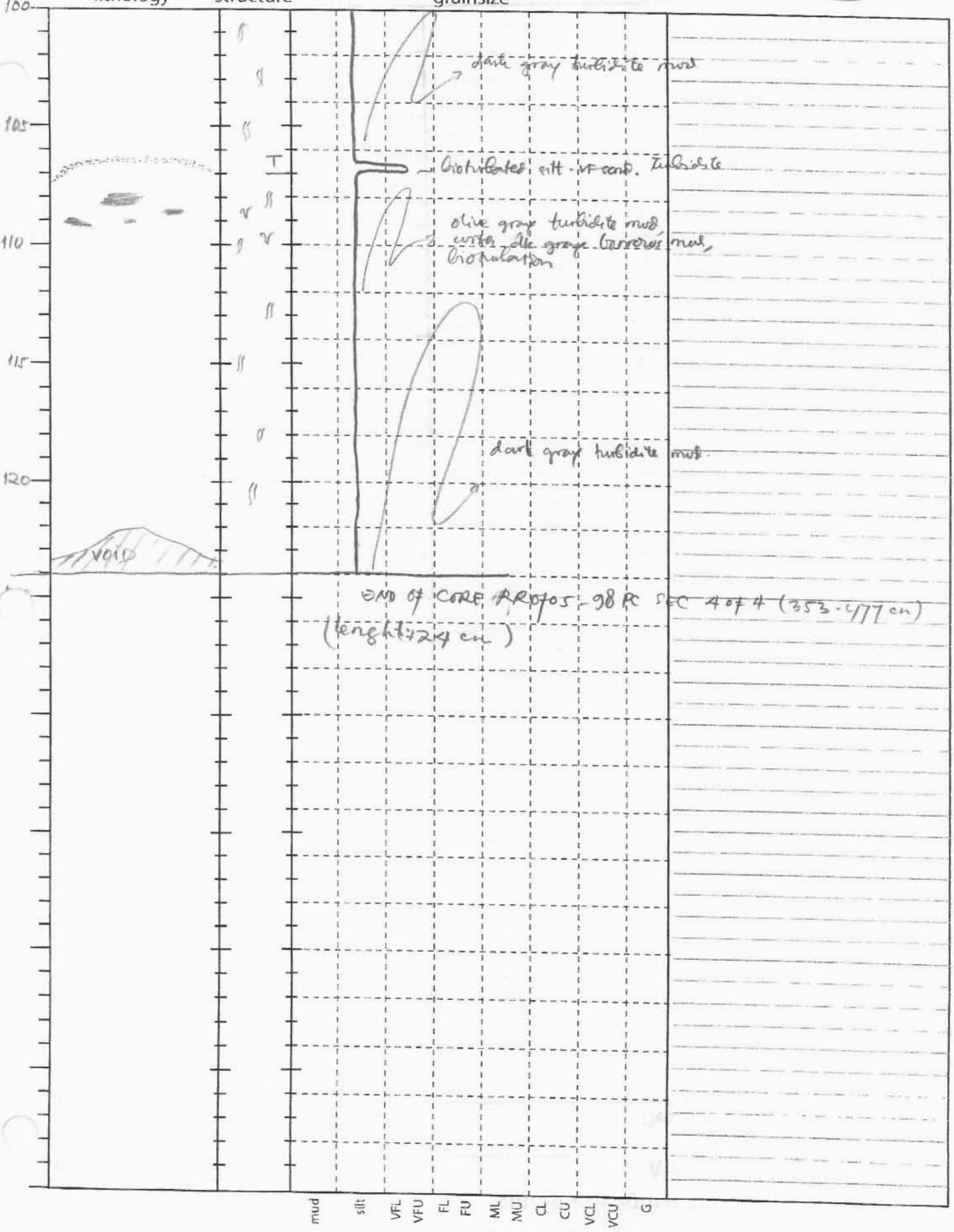
about 91-106cm: turbidite mud greenish / light olive gray mud with dk gray burrows mud at top part (bioturbation),

99 - 106 cm: dark gray turbidite mud.

CORE LOG Core No. RR0705 - 98 PC Section No. 4 of 4 (353 - 477 cm) sheet 3 of 3

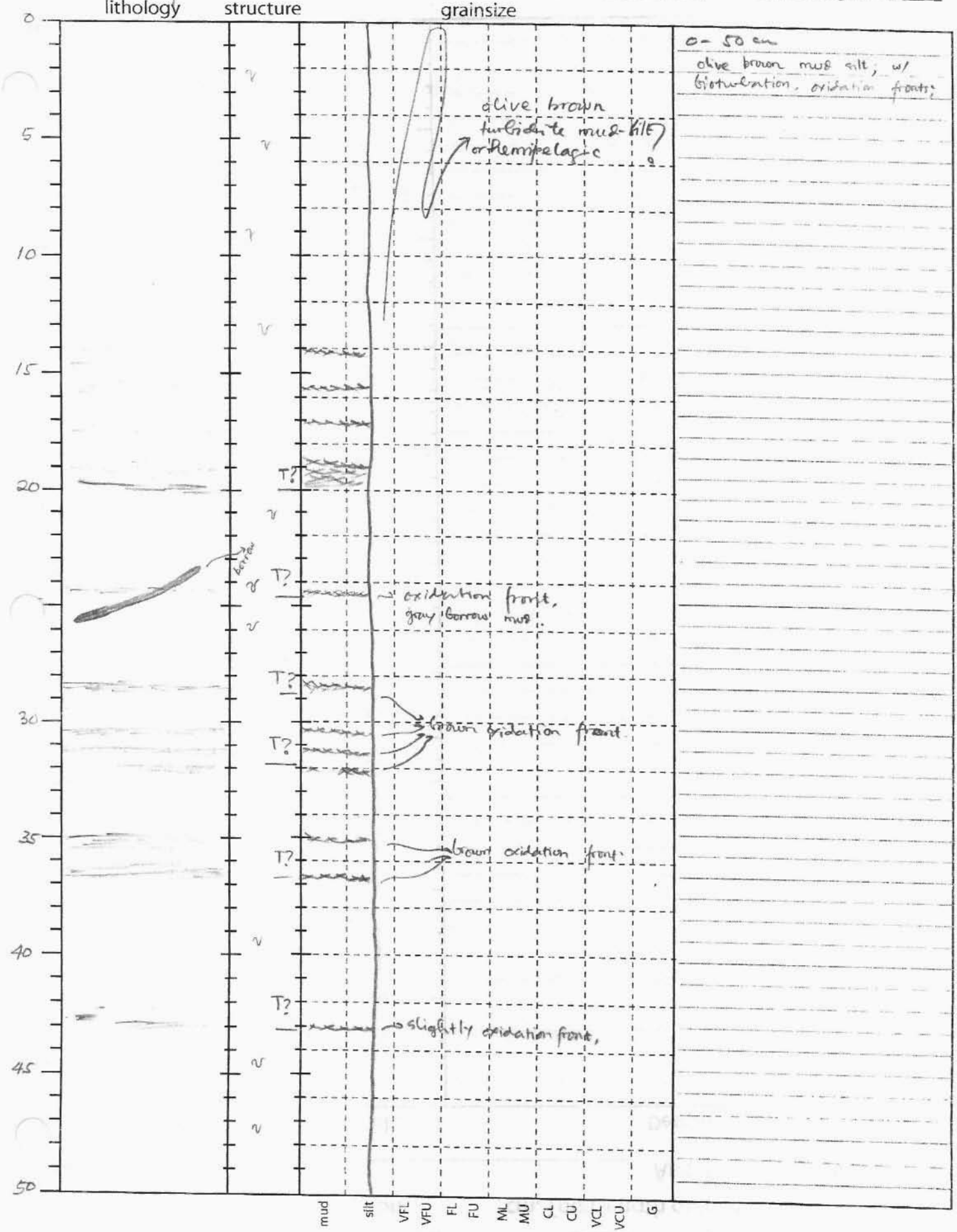
Date 10 JUNE 07 Described by SAPTA Archive/Working

lithology structure grainsize



CORE LOG Core No. RR0705-98TC Section No. 1 of 1 (0-121.5 cm) sheet 1 of 3

Date 10 JUNE 07 Described by SAPTA Archive/Working

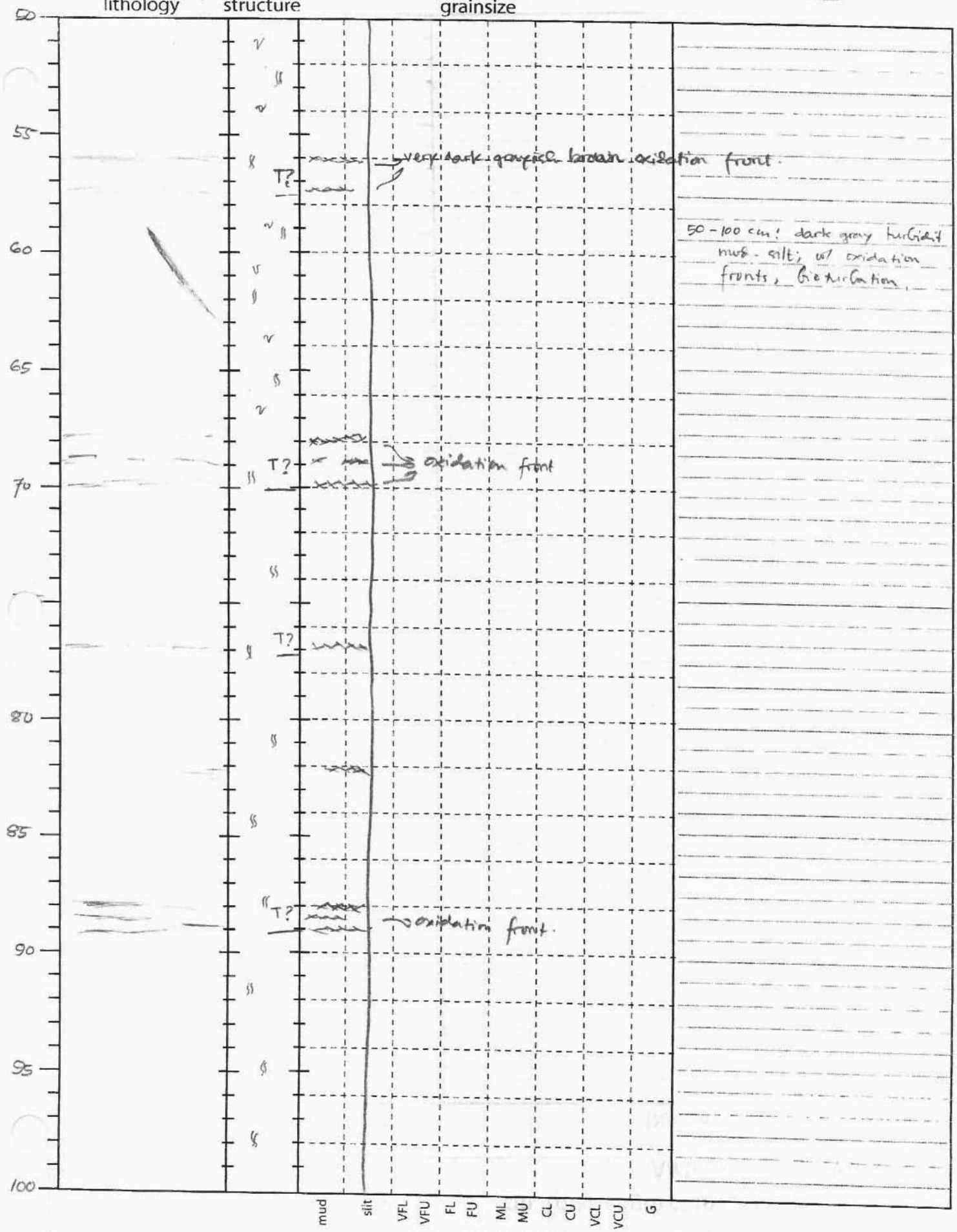


0 - 50 cm

olive brown mud silt; w/ bioturbation, oxidation fronts;

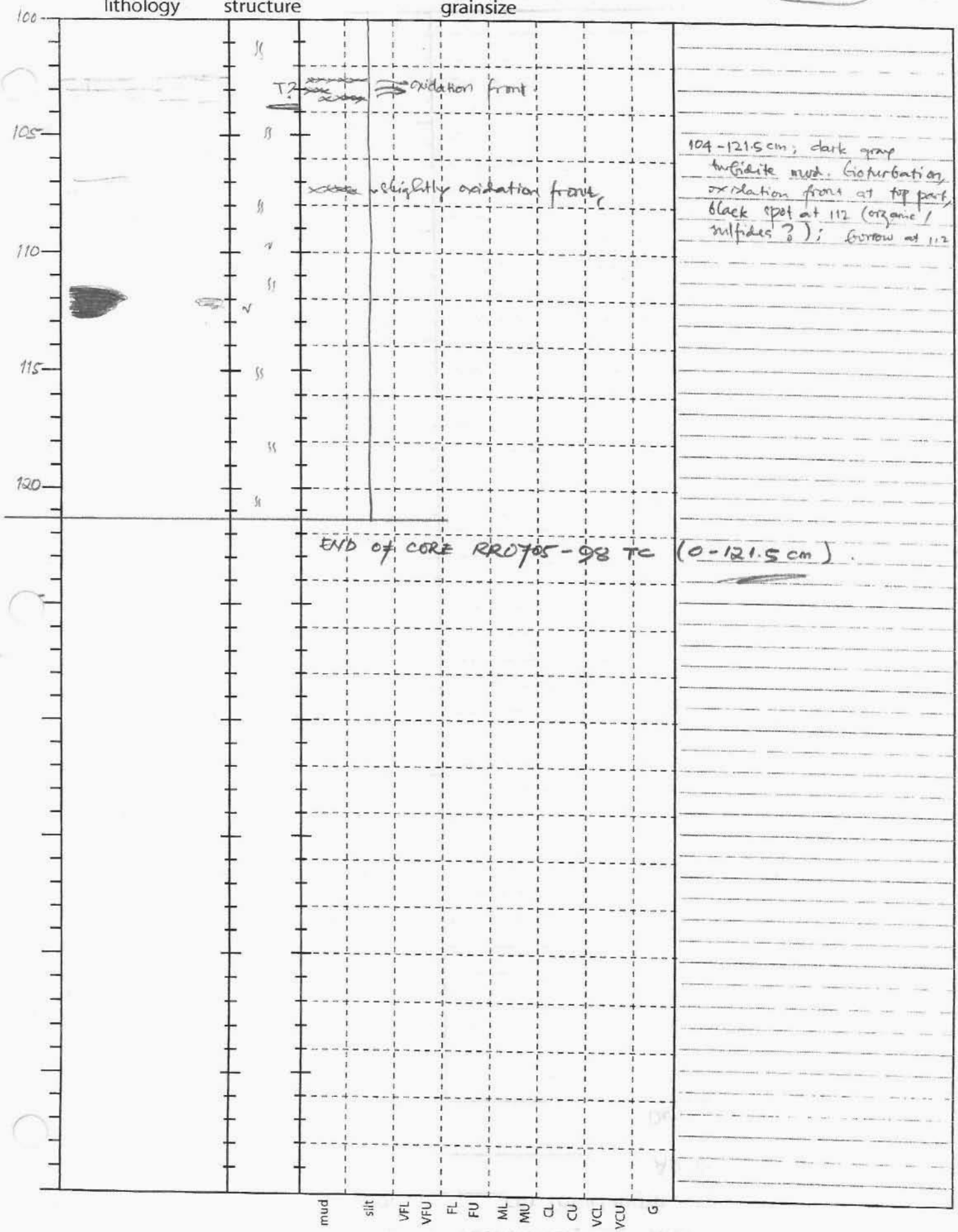
CORE LOG Core No. RR0705-98TC Section No. 1 of 1 (0-121.5) sheet 2 of 3

Date 10 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705 - 98 TC Section No. 1 of 1 (0-121.5) sheet 3 of 3

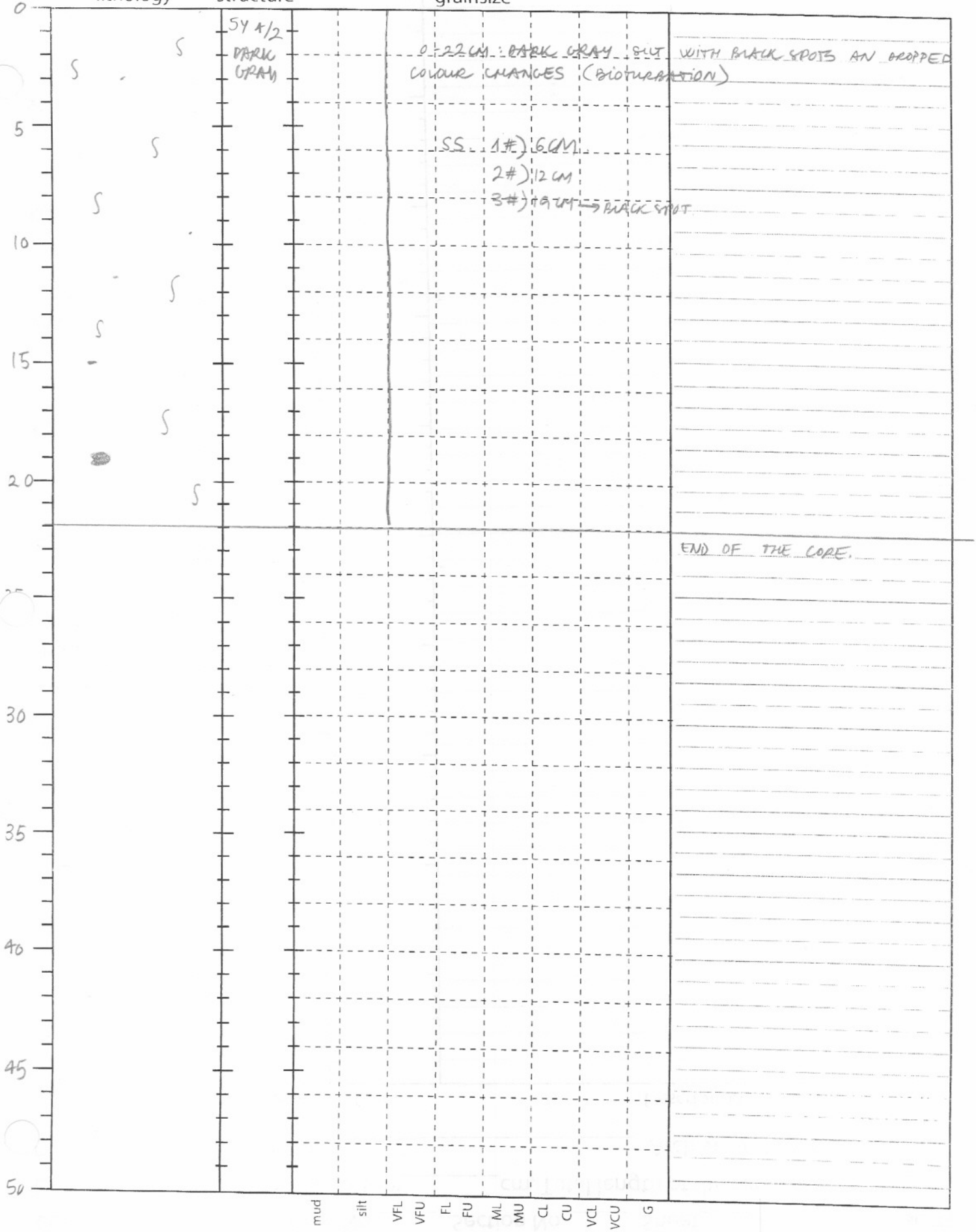
Date 10 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-99MC Section No. ~~TUBE~~ 1 sheet 1 of 1

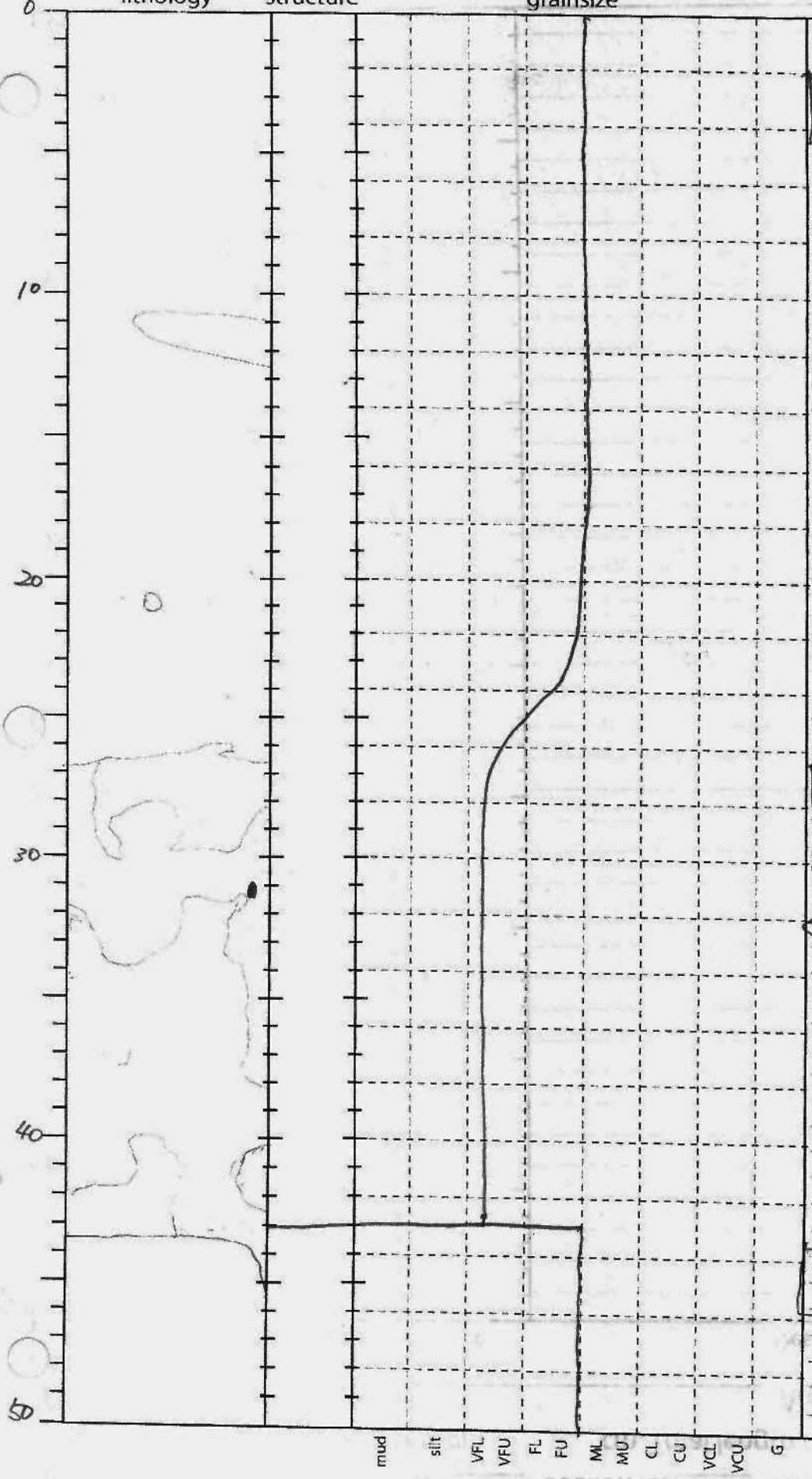
Date 12/06/07 Described by ZORAIDA Archive/Working _____

lithology | structure | grainsize



CORE LOG Core No. RR0705-101GC Section No. 1 sheet 1 of 2

Date 10/06/2007 Described by Ken Archive/Working



Top: 10YR5/1, foram ooze with v.f-f.s sized sand grains and mica

0-27cm: 10YR5/1, foram ooze with v.f-f.s sized grains and mica bioturbated

← burrows

29-43cm: 2.5Y 6/1 silty v.f.s foram & mica bearing. bioturbated

upper boundary bioturbated and gradual.

31cm: shell frag

43-52.5cm: 10YR5/2 foram ooze with v.f.s. grains and mica, bioturbated

upper boundary sharp — multiple penetration?

CORE LOG Core No. RR0705-10JGC Section No. 1 sheet 2 of 2

Date 10/06/2007 Described by Ken Archive/Working

50

lithology | structure | grainsize

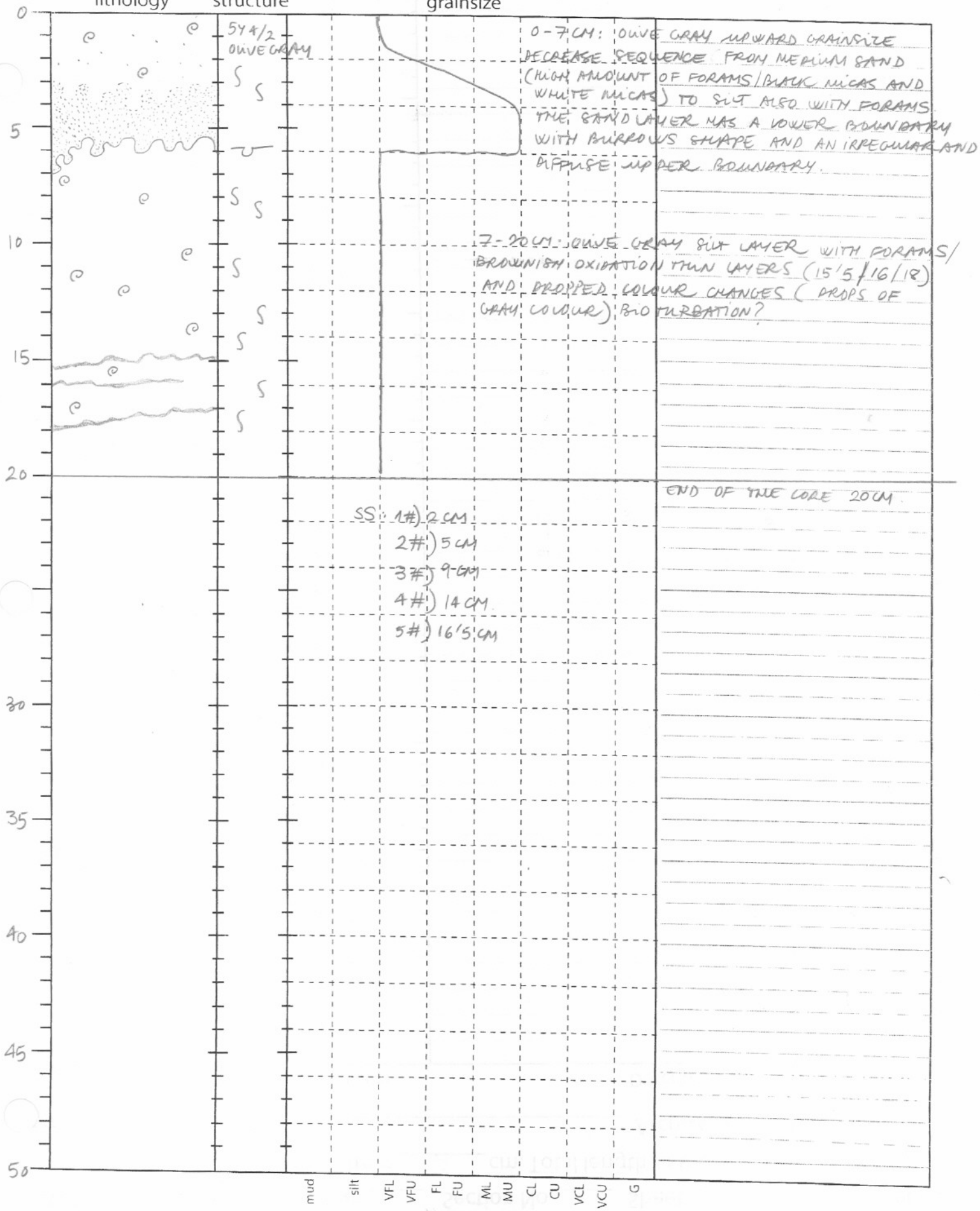
mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

-52.5cm: foram ooze (10YR 5/2)

52.5cm

CORE LOG Core No. RR0705-102NC Section No. TUBE 5 sheet 1 of 1

Date 02/06/07 Described by ZORAIDA Archive/Working



0-7 CM: OLIVE GRAY UPWARD GRAINSIZE DECREASE SEQUENCE FROM MEDIUM SAND (HIGH AMOUNT OF FORAMS/BLACK MICAS AND WHITE MICAS) TO SILT ALSO WITH FORAMS. THE SAND LAYER HAS A LOWER BOUNDARY WITH BURROWS SHAPE AND AN IRREGULAR AND DIFFUSE UPPER BOUNDARY.

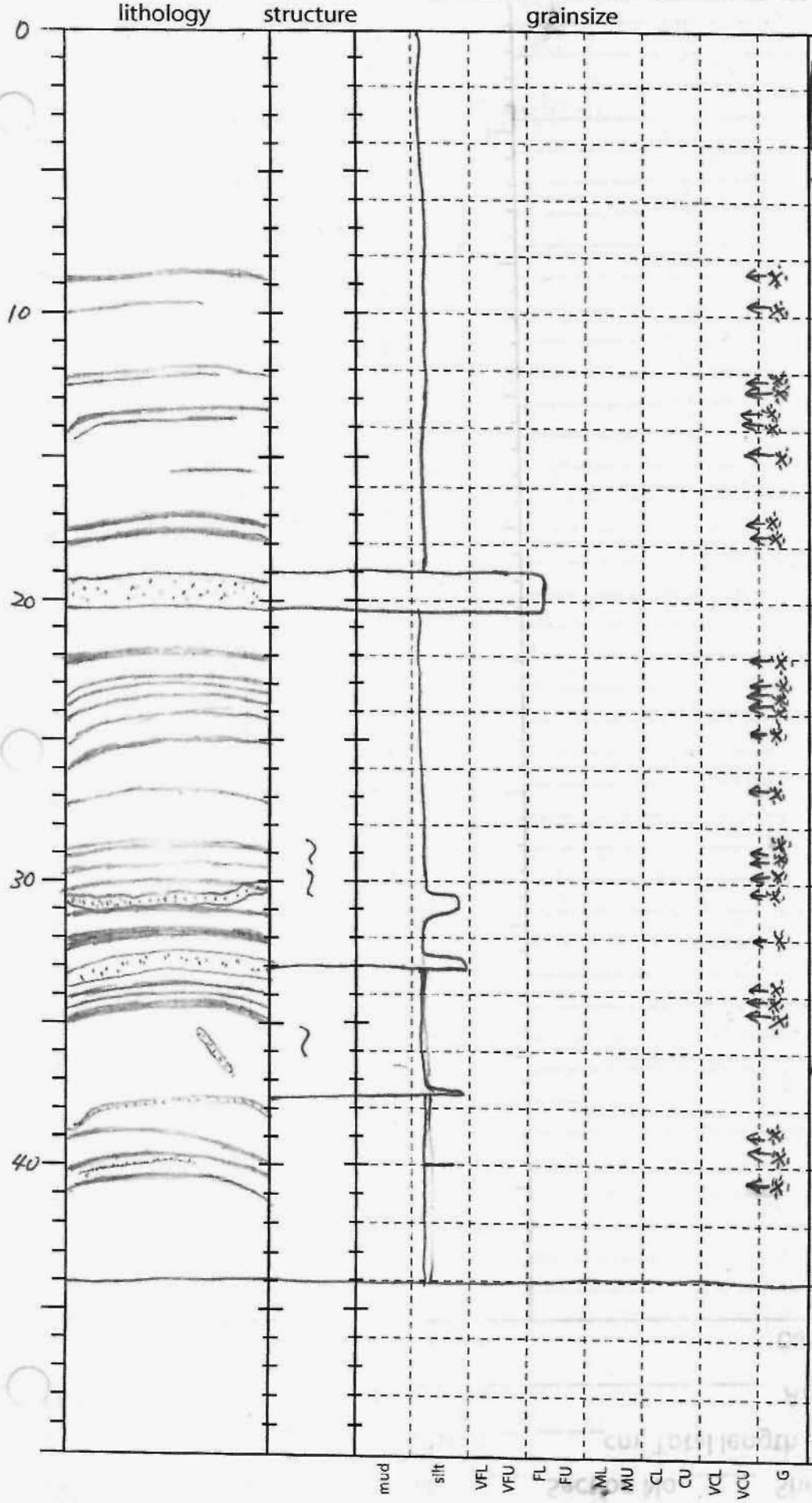
7-20 CM: OLIVE GRAY SILT LAYER WITH FORAMS/ BROWNISH OXIDATION THIN LAYERS (15'5/16/18) AND PROPPED COLOUR CHANGES (PROPS OF GRAY COLOUR) BIOTURBATION?

END OF THE CORE 20 CM.

SS: 1#) 2 CM
2#) 5 CM
3#) 9 CM
4#) 14 CM
5#) 16'5 CM

CORE LOG Core No. RR0705-103PC Section No. 1 sheet 1 of 1

Date 10/06/2007 Described by Ken Archive/Working



Top 2.5Y4/1 silt

0-35cm: 2.5Y4/1 silt with V.f.s and c.silt layers and brown oxidized layers

*oxidized layer: 8.6-8.8, 9.8, 12.2, 12.5, 13.5, 13.8, 15.3, 17-17.2, 17.4-17.6, 22-22.3, 23, 23.5, 24, 24.7, 25.4-25.5, 27-27.2, 29, 29.3, 29.6, 30.5, 32-32.4, 33.3, 34, 34.4-34.7, 38.7, 39.2, 40.5cm

19-20.2cm: 5Y4/1 f.s sharp top & base well-sorted

30.5-31.2cm: bioturbated m-c. silt

32.5-33cm: 5Y4/1 c.silt sharp base & top

35-40.7cm: 5Y4/1 silt with c.silt layers

39.4-39.6cm: c.silt sharp base

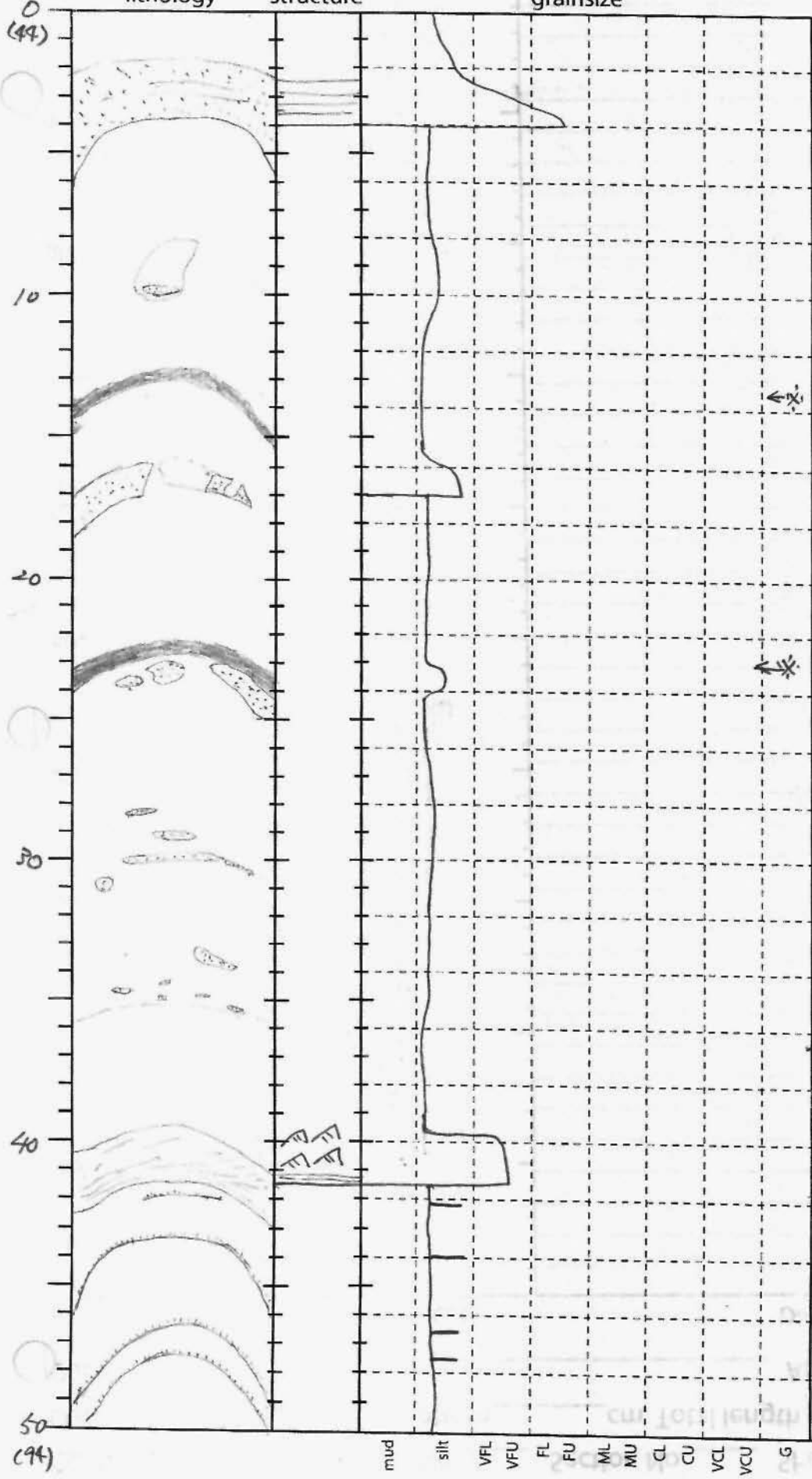
40cm: c.silt thin layer

40.7-44cm: 5Y4/1 (lighter than upper) silt relatively well-sorted than upper

44cm

CORE LOG Core No. RR0705-103PC Section No. 2 sheet 1 of 3

Date 10/06/2007 Described by Ken Archive/Working



0-2cm: 5Y 8/1 m. silt

2-4cm: upward fining fs-c.silt mica bearing sharp base

0-50cm: 5Y 4/1 silt with c.silt-fs layers and brown oxidized layers

'X' oxidized layer: 12.8-13.1, 21.5-22.3cm

16.1-17cm: bioturbated m-c.silt sharp base

23-24cm: bioturbated m-c.silt

burrows filled by m-c.silt foram

35.5-39.6cm: 5Y 4/1 silt (smooth)

39.6-41.4cm: parallel and ripple laminated v.f.s. fining upward sharp base

42.2cm: c.silt thin layer

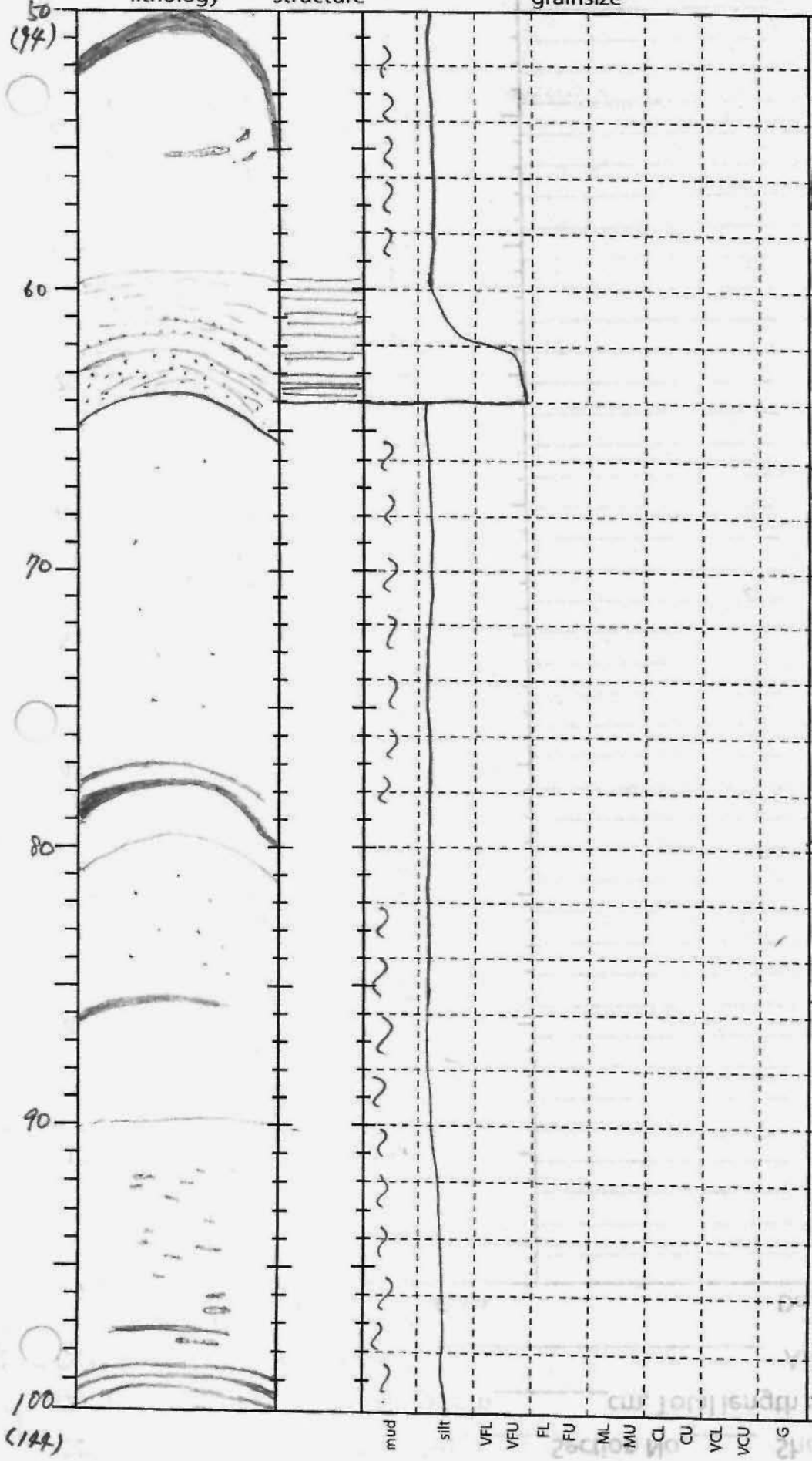
44cm: c.silt thin layer

46.5cm: c.silt thin layer

47.3cm: c.silt thin layer,

CORE LOG Core No. RF0705-103PC Section No. 2 sheet 2 of 3

Date 10/06/2007 Described by Ken Archive/Working



50.2-51cm: brown oxidised layer

50-90cm: GLEY1 4/10Y silt with v.f.s. layer

59.5-62cm: 5Y 4/1 silt fining upward parallel laminated?

62-64cm: parallel laminated v.f.s sharp base

foram bearing

76.5cm, 77.4-77.6cm: brown oxidized layer

76.7-80cm: clean silt

foram bearing

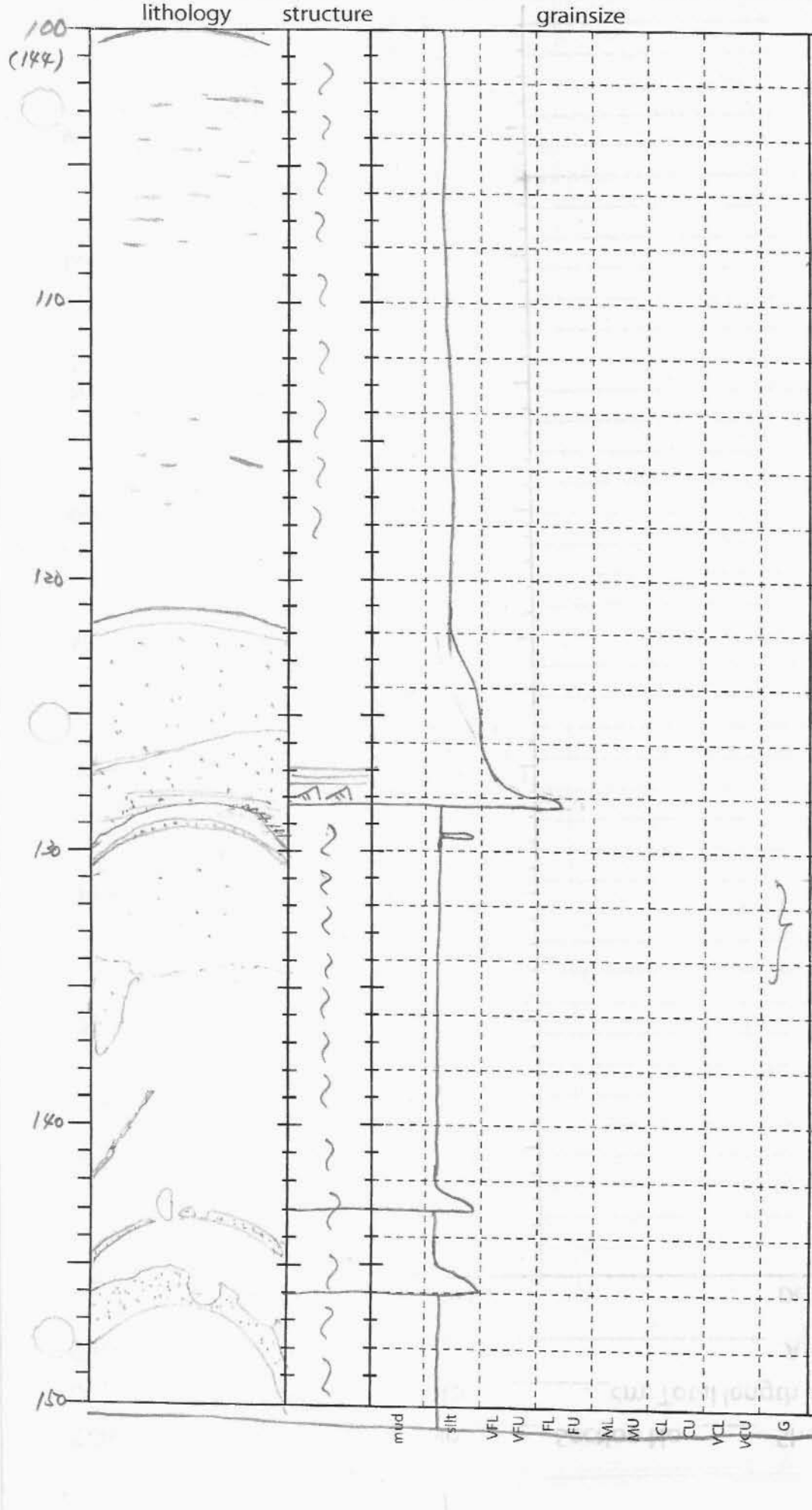
85.5-85.7: brown oxidised layer

90-100cm: 5Y 4/1 M. silt
tiny c. silt patches
less foram
upper boundary gradual and indistinct

97.6cm, 98.8cm, 99cm, 99.4cm: oxidised brown layer

CORE LOG Core No. RR0705-103PC Section No. 2 sheet 3 of 3

Date 10/06/2007 Described by Ken Archive/Working



100.1cm: brown oxidised layer

100-122 cm: GLEY1 4/N m. silt bioturbated?
tiny c. silt patches

tiny c. silt patches

122-128.2cm: upward fining f.s-c. silt
lowest part rippled?

129.5-129.8cm: c. silt bioturbated

128.2-138.5cm: GLEY1 4/10Y silt bioturbated
130-134.5cm: foram bearing

138.5-150.5cm: 5Y4/1 silt with c. silt layers, bioturbated

142.4-145cm: bioturbated c. silt
sharp base

144.7-146cm: bioturbated c. silt
sharp base, upward fining

150.5cm
(144.5cm)

CORE LOG Core No. RR0705 - 103 PC Section No. 3 of 4 (194.5 - 345 cm) sheet 1 of ____

Date 11 JUNE 07 Described by SAPTA Archive/Working

lithology | structure | grainsize

(194.5) 0

(0 - 5 cm) graded upward-fining turbidite unit; very dk gray muddy - silt at top part and sand at mid-bottom part; brownish oxidation sand at bottom part, sharp base grain size boundary

very dark gray small turbidites

(7 - 13 cm): upward-fining turbidit unit; very dk gray muddy - silt at top part, bioclas / shell fragment present; rich in quartz and mica at bottom part; sharp base grain size boundary.

hemipelagic or mixed turbidite mud silt - hemipelagic ?

graded upward-fining turbidite unit; very dark gray silt at top part, slightly oxidation front; sand, rich in quartz, mica and foram at bottom part; sharp base grain size boundary.

oxidation front

very dark gray VF sandy - silt turbidites units; slightly oxidation fronts,

mixed turbidite silt - hemipelagic ?

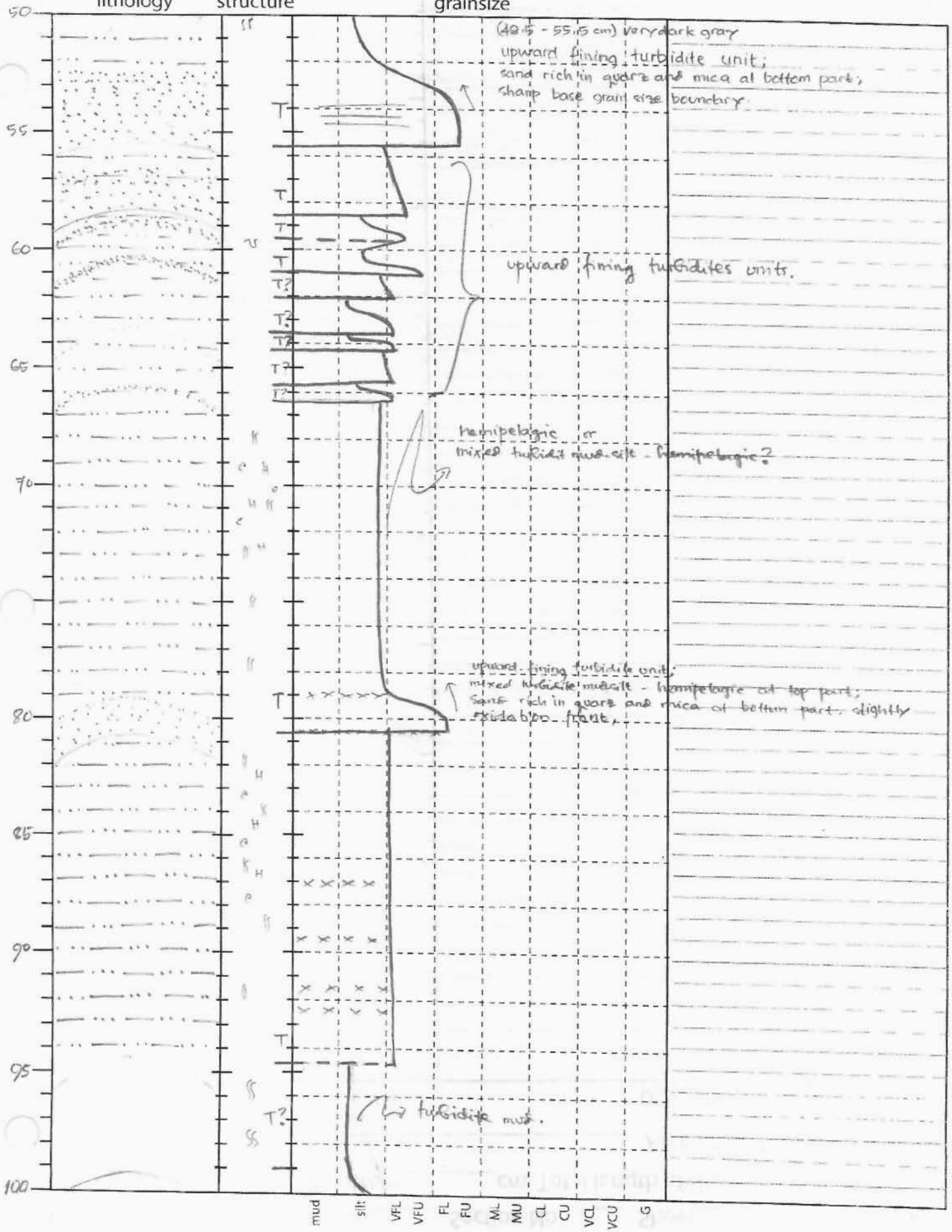
upward-fining turbidite unit;

slightly oxidation fronts

mud | silt | VFL | VFU | FL | FU | ML | MU | CL | CU | VCL | VCU | G

CORE LOG Core No. RR0705 - 103 PC Section No. 3 of 4 (194.5-345 cm) sheet 2 of ___

Date 11 JUNE 07 Described by SAPTA Archive/Working



(49.5 - 55.5 cm) very dark gray upward fining turbidite unit; sand rich in quartz and mica at bottem part; sharp base grain size boundary

upward fining turbidites units.

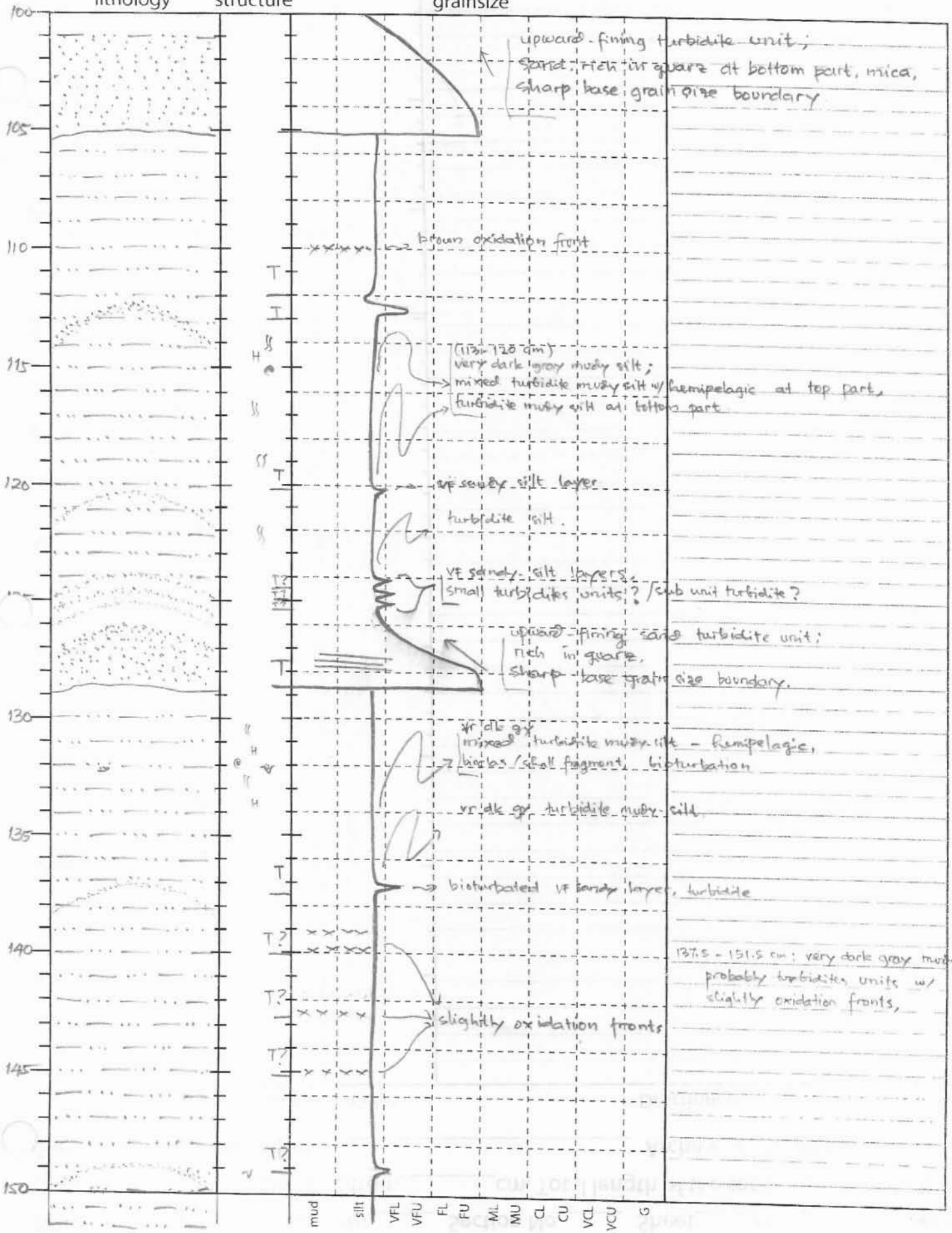
hemipelagic or mixed turbidite mud-silt - hemipelagic?

upward fining turbidite unit; mixed turbidite mudsilt - hemipelagic at top part; sand rich in quartz and mica at bottem part, slightly oxidized front.

turbidite mud.

CORE LOG Core No. RR0705 - 103 PC Section No. 3 of 4 (194.5 - 345 cm) sheet 3 of ____

Date 11 JUNE 07 Described by SAPTA Archive/Working ____



upward-fining turbidite unit; sand-rich in quartz at bottom part, mica, sharp base grain size boundary

brown oxidation front

(113 - 120 cm) very dark gray muddy silt; mixed turbidite muddy silt w/ hemipelagic at top part, turbidite muddy silt at bottom part

vf sandy silt layer

turbidite silt.

vf sandy-silt layers, small turbidites units? / sub unit turbidite?

upward-fining sand turbidite unit; rich in quartz, sharp base grain size boundary.

vr dk gy mixed turbidite muddy silt - hemipelagic, bioclas / shell fragment, bioturbation

vr dk gy turbidite muddy silt.

bioturbated vf sandy layer, turbidite

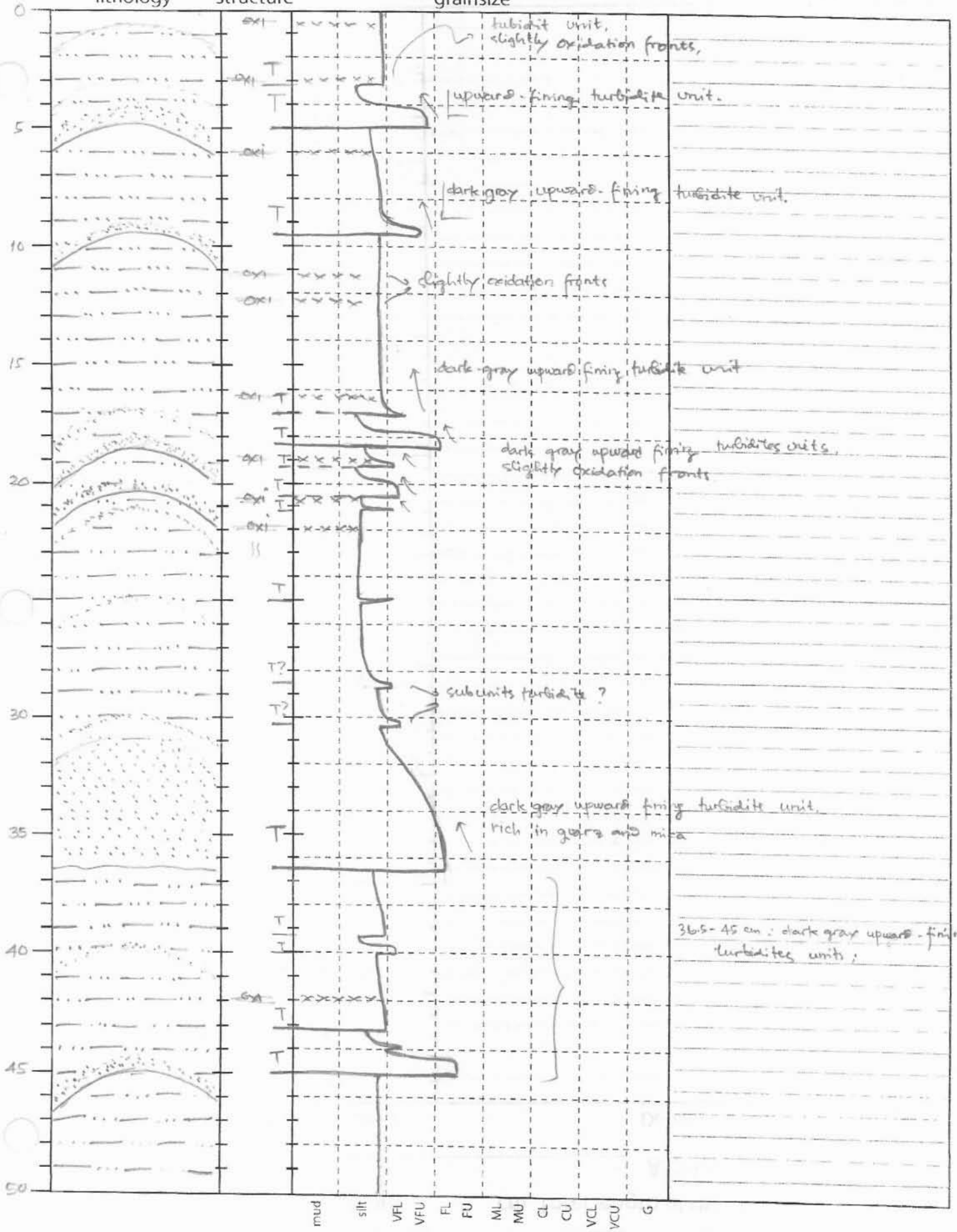
slightly oxidation fronts

137.5 - 151.5 cm: very dark gray muddy-silt, probably turbidites units w/ slightly oxidation fronts,

END OF CORE RR0705 - 103 SEC 3 of 4 (194.5 - 345 cm) (length: 151.5 cm)

CORE LOG Core No. RR0705 - 103 PC Section No. 4 of 4 (345 - 474 cm) sheet 1 of ____

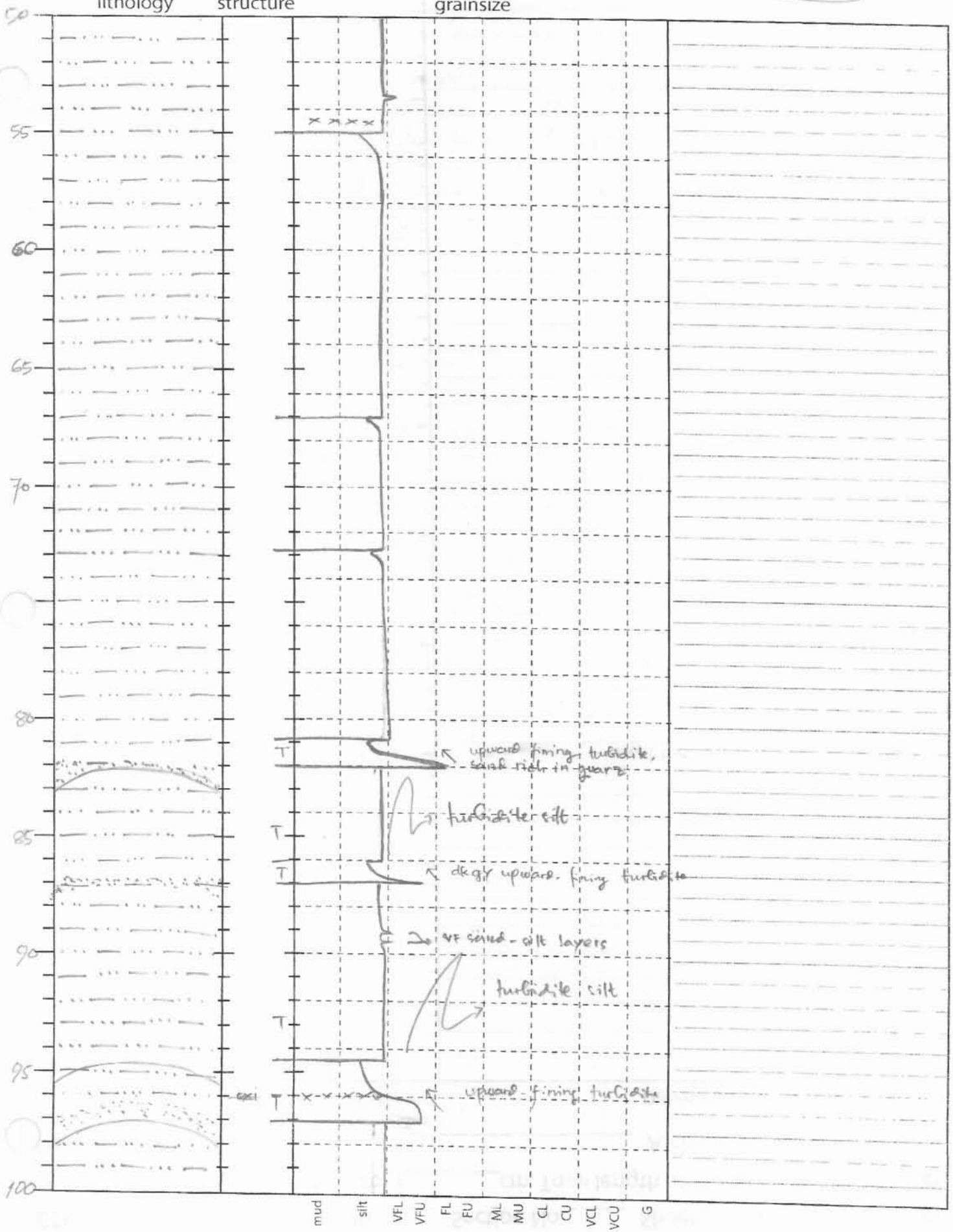
Date 11 JUNE 07 Described by SAPTA Archive/Working



36.5 - 45 cm : dark gray upward - firing turbidites units ;

CORE LOG Core No. RR0705-103 PC Section No. 4 4 4 (345-474 cm) sheet 2 of ____

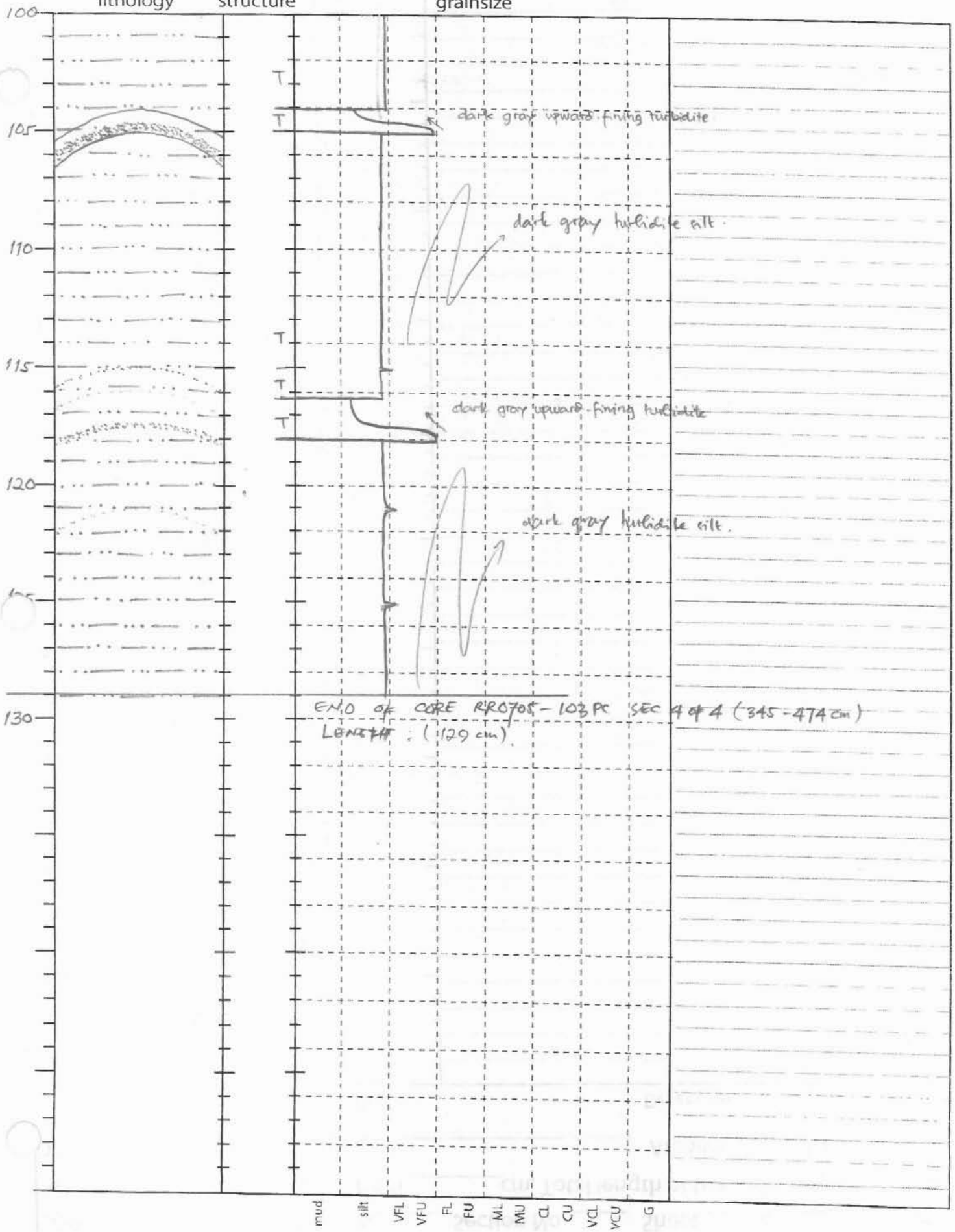
Date 11 JUNE 07 Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-103 PC Section No. 4 of 4 (345 - 474 cm) sheet 3 of ____

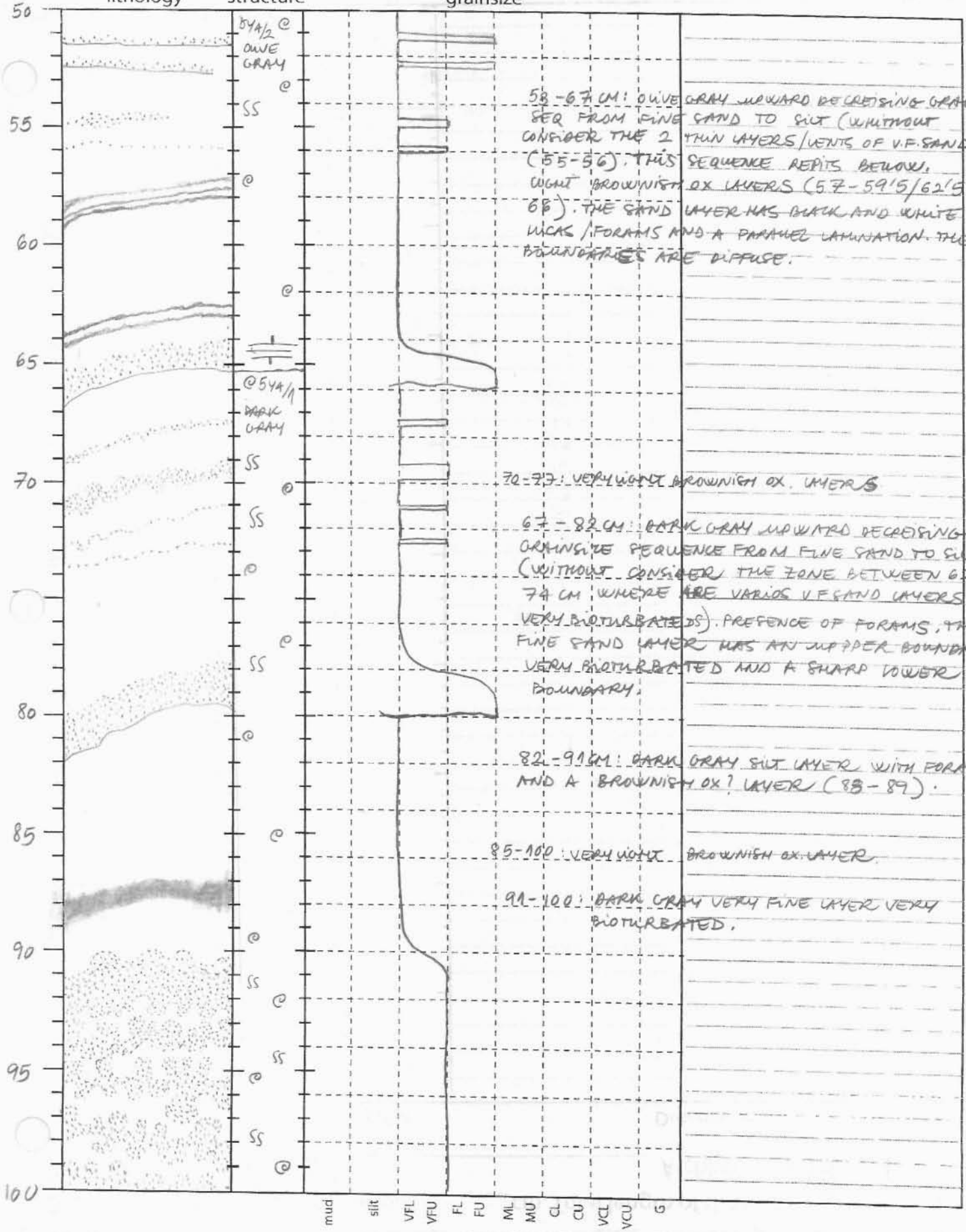
Date 11 JUNE 07 Described by SAPTA Archive/Working

lithology | structure | grainsize



CORE LOG Core No. RR0705-103TC Section No. 1 sheet 2 of 2

Date 10/06/07 Described by ZORAIDA Archive/Working



53-67 CM: OLIVE GRAY UPWARD DECREASING GRAINSIZE SEQ FROM FINE SAND TO SILT (WITHOUT CONSIDER THE 2 THIN LAYERS/VENTS OF V.F.SAND (55-56). THIS SEQUENCE REPITS BELOW. LIGHT BROWNISH OX LAYERS (57-59'5/62'5-66). THE SAND LAYER HAS BLACK AND WHITE MICAS / FORAMS AND A PARAMEL LAMINATION. THE BOUNDARIES ARE DIFFUSE.

70-77: VERY LIGHT BROWNISH OX. LAYERS

67-82 CM: DARK GRAY UPWARD DECREASING GRAINSIZE SEQUENCE FROM FINE SAND TO SILT (WITHOUT CONSIDER THE ZONE BETWEEN 62-74 CM WHERE ARE VARIOS V.F SAND LAYERS VERY BIOTURBATED). PREFENCE OF FORAMS, THE FINE SAND LAYER HAS AN UPPER BOUNDARY VERY BIOTURBATED AND A SHARP LOWER BOUNDARY.

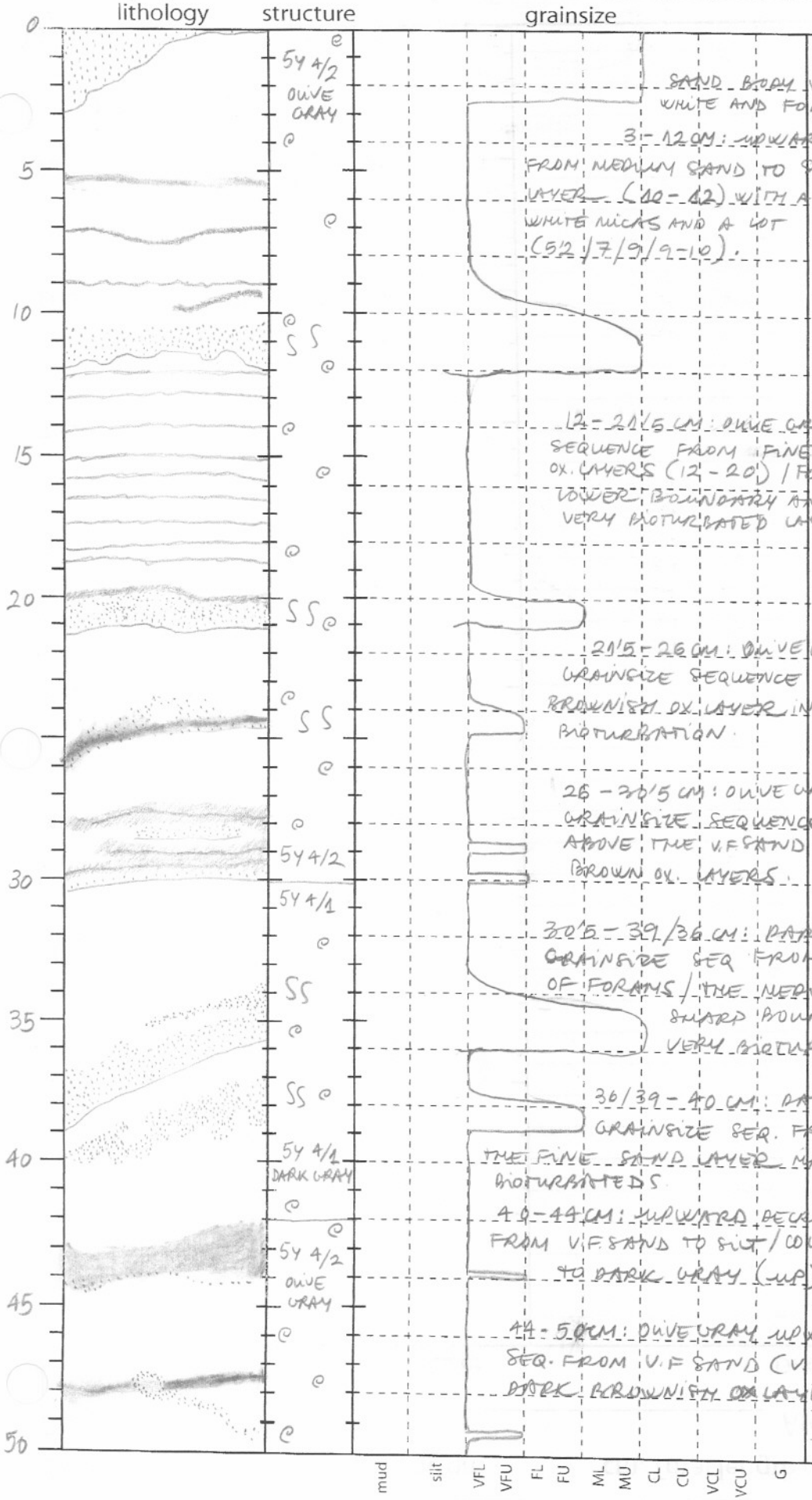
82-91 CM: DARK GRAY SILT LAYER WITH FORAMS AND A BROWNISH OX? LAYER (83-89).

85-100: VERY LIGHT BROWNISH OX. LAYER

91-100: DARK GRAY VERY FINE LAYER VERY BIOTURBATED.

CORE LOG Core No. RR0705-103TC Section No. 1 (0-100 CM) sheet 1 of 2

Date 10/06/07 Described by ZORAIDA Archive/Working 0-100 / 100-163



0-3 CM: IRREGULAR OLIVE GRAY MEDIUM SAND BIOT WITH A LOT OF MICAS (BLACK AND WHITE AND FORAMS).

3-12 CM: UPWARD DECREASING GRAINSIZE SEQUENCE FROM MEDIUM SAND TO SILT / OLIVE GRAY / MEDIUM SAND LAYER (10-12) WITH A LOT OF WHITE MICAS AND A LOT (5Y2/7/9/9-10). DIFFUSE BOUNDARIES (BLACK AND OF FORAMS.) / BROWNISH OX. LAYERS

12-21'5 CM: OLIVE GRAY UPWARD DECREASING GRAINSIZE SEQUENCE FROM FINE SAND TO SILT / THIN BROWNISH OX. LAYERS (12-20) / FORAMS / FINE SAND WITH A SHARP LOWER BOUNDARY AND A DIFFUSE LOWER BOUNDARY. VERY BIOTURBATED LAYER.

21'5-26 CM: OLIVE GRAY UPWARD DECREASING GRAINSIZE SEQUENCE FROM V.F SAND TO SILT / FORAMS / BROWNISH OX. LAYER IN THE V.F SAND LAYER, AND BIOTURBATION.

26-30'5 CM: OLIVE GRAY UPWARD DECREASING GRAINSIZE SEQUENCE FROM V.F SAND (30'5/28'5) ABOVE THE V.F SAND LAYERS THERE ARE YELLOWISH BROWN OX. LAYERS.

30'5-39/36 CM: DARK GRAY UPWARD DECREASING GRAINSIZE SEQ FROM MEDIUM SAND TO SILT / PRESENCE OF FORAMS / THE MEDIUM SAND LAYER HAS A LOWER SHARP BOUNDARY WHILE THE UPPER IS VERY BIOTURBATED (BLACK / WHITE MICAS)

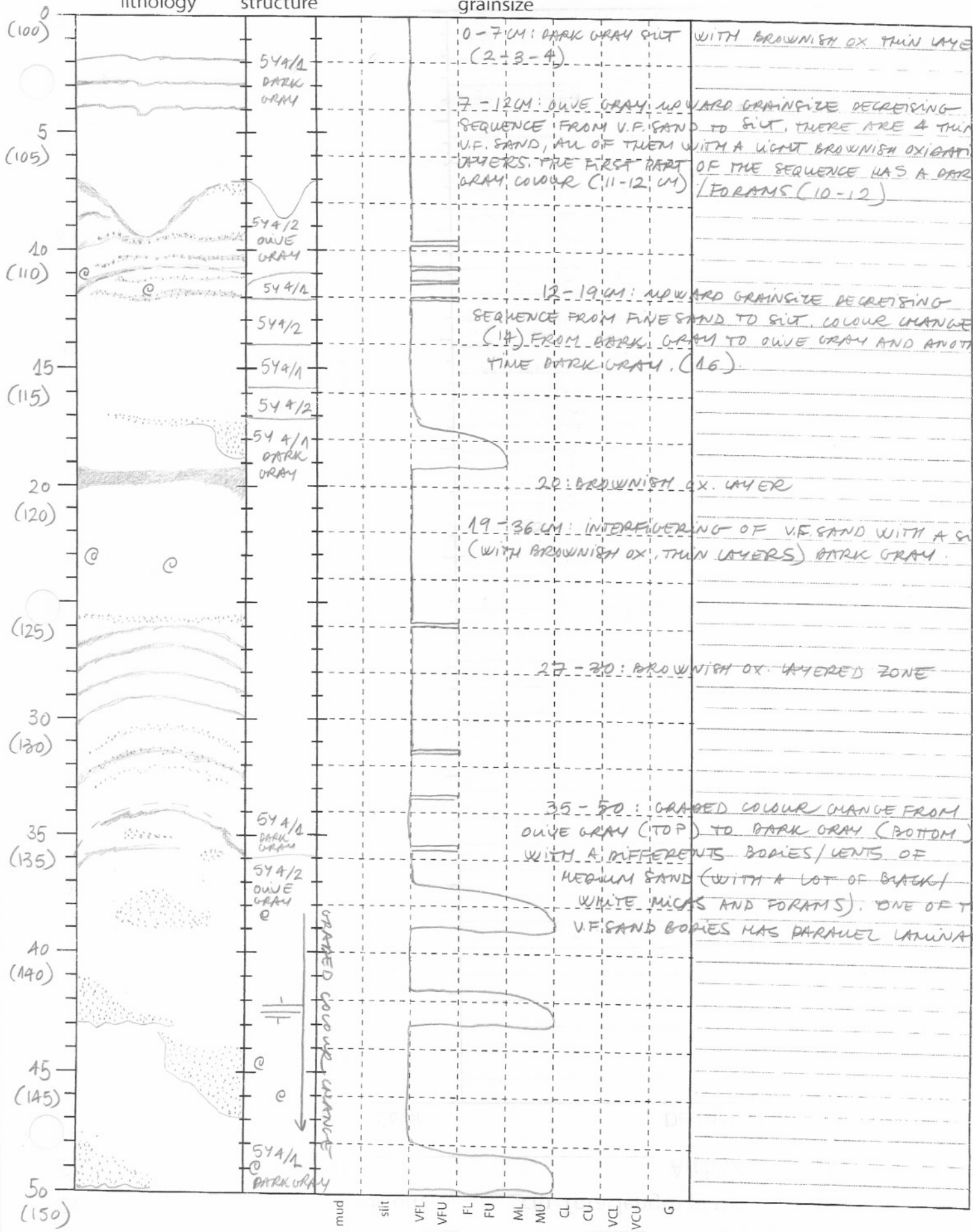
36/39-40 CM: DARK GRAY UPWARD DECREASING GRAINSIZE SEQ. FROM FINE SAND TO SILT / FORAMS / THE FINE SAND LAYER HAS THE 2 BOUNDARIES VERY BIOTURBATED'S

40-44 CM: UPWARD DECREASING GRAINSIZE SEQUENCE FROM V.F SAND TO SILT / COLOUR CHANGE (42) FROM OLIVE GRAY TO DARK GRAY (UP). BROWNISH OX FRONT (43-45)

44-50 CM: OLIVE GRAY UPWARD DECREASING GRAINSIZE SEQ. FROM V.F SAND (V. BIOTURBATED) TO SILT DARK BROWNISH OX LAYER (48).

CORE LOG Core No. RR0705-103TC Section No. 2 (100-163) sheet 1 of 2

Date 11/06/05 Described by ZORAIDA Archive/Working



0-7 CM: DARK GRAY SILT (2+3-4) WITH BROWNISH OX THIN LAYERS

7-12 CM: OLIVE GRAY, UPWARD GRAINSIZE DECREISING SEQUENCE FROM V.F. SAND TO SILT, THERE ARE 4 THIN V.F. SAND, ALL OF THEM WITH A LIGHT BROWNISH OXIDATION LAYERS. THE FIRST PART OF THE SEQUENCE HAS A DARK GRAY COLOUR (11-12 CM) (FORAMS (10-12)

12-19 CM: UPWARD GRAINSIZE DECREISING SEQUENCE FROM FINE SAND TO SILT, COLOUR CHANGE (14) FROM DARK GRAY TO OLIVE GRAY AND ANOTHER TIME DARK GRAY. (16).

20: BROWNISH OX. LAYER

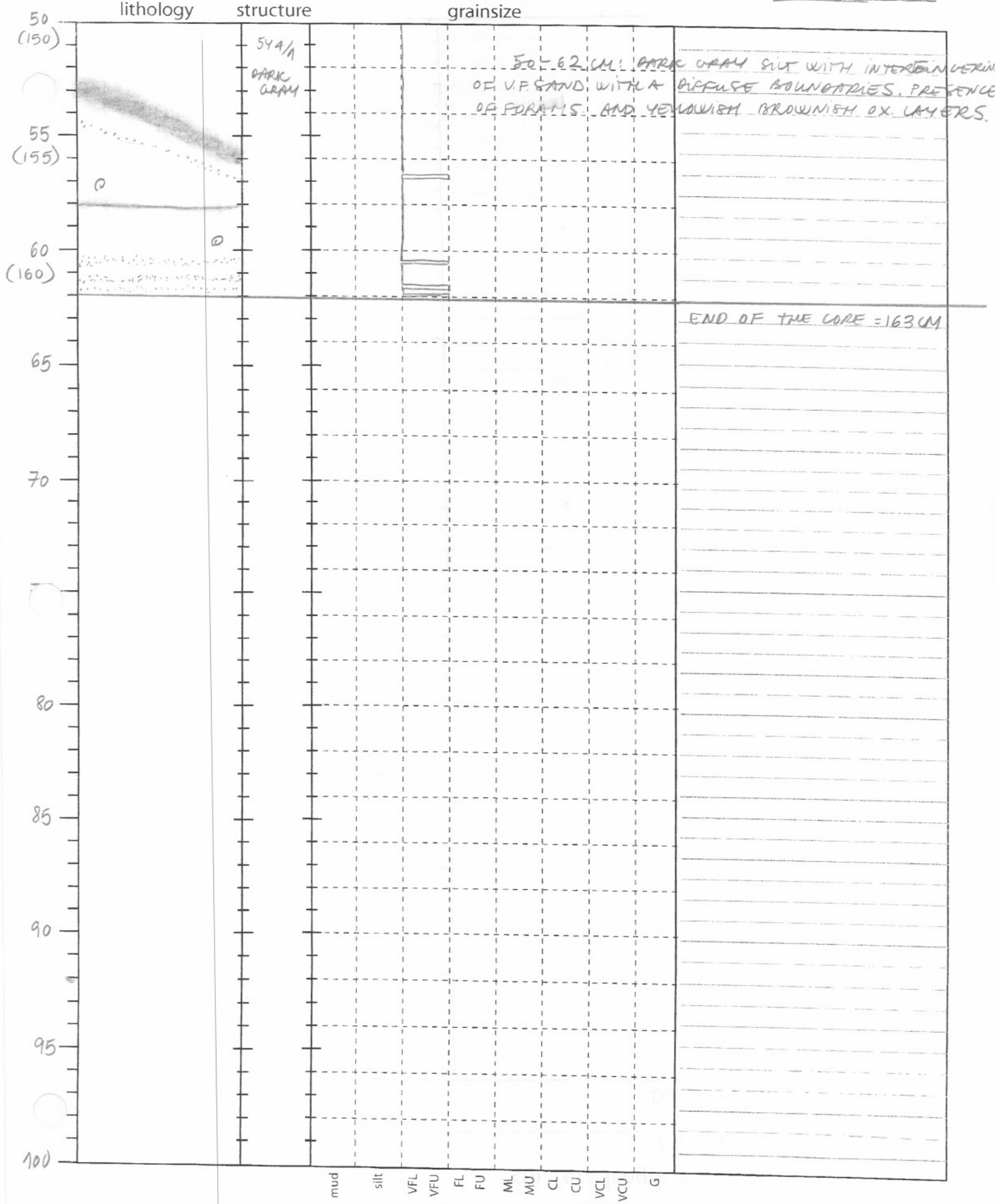
19-36 CM: INTERFINGERING OF V.F SAND WITH A SILT (WITH BROWNISH OX. THIN LAYERS) DARK GRAY.

27-30: BROWNISH OX. LAYERED ZONE

35-50: GRADED COLOUR CHANGE FROM OLIVE GRAY (TOP) TO DARK GRAY (BOTTOM) WITH A DIFFERENTS BODIES/LENTS OF MEDIUM SAND (WITH A LOT OF BLACK/WHITE MICAS AND FORAMS). ONE OF THESE V.F SAND BODIES HAS PARALLEL LAMINATION.

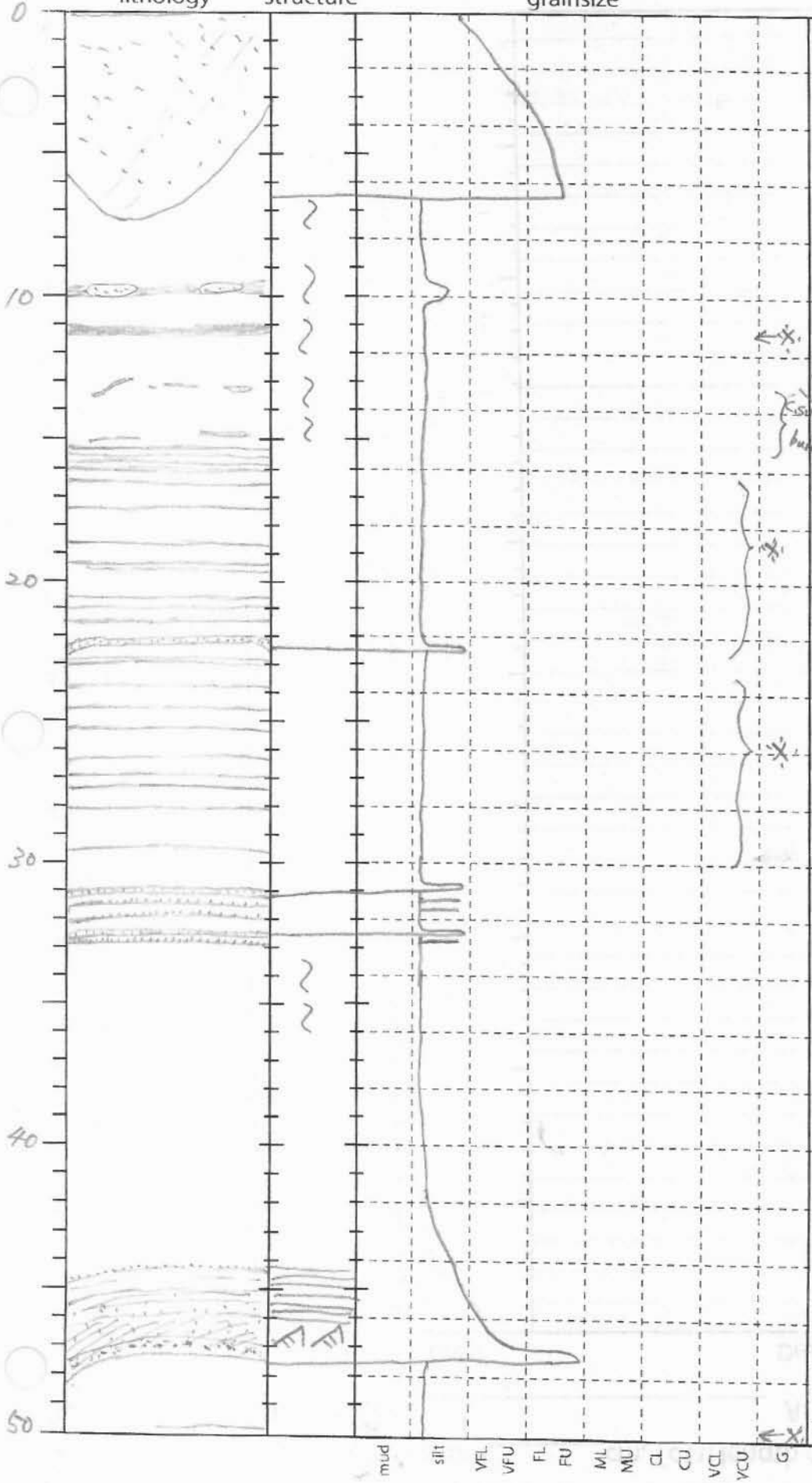
CORE LOG Core No. RR0705-103TC Section No. 2 sheet 2 of 2

Date 11/06/05 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-104TC Section No. 1/2 sheet 1 of 2

Date 11/06/2007 Described by Ken Archive/Working



Top: 5Y 4/1 c.silt (film)

0-6.4cm: upward fining f.s-c.silt inclined qtz rich sharp base

6.4-50cm: 5Y 4/1 silt with f.s-c.silt layers and brown oxidized layers

9.5-10.1cm: brown (2.5Y 4/1) oxidized m-c.silt, bioturbated

X: oxidized layer: 10.8-11.1, 15.1, 15.4, 15.8, 16, 16.5, 17.6, 18.5, 19.3, 19.5, 20.8, 21.2, 21.5, 22.8, 23, 23.8, 24.4, 25.5, 26.6, 27, 27.3, 28.1, 29.5, 49.8cm

22.1-22.3cm: c.silt sharp base & top

30.8-31.1cm: c.silt

31.4, 31.9cm: c.silt thin layer

32.2-32.5cm: c.silt

32.7cm: c.silt thin layer

44.3-45cm: parallel laminated c.silt sharp base

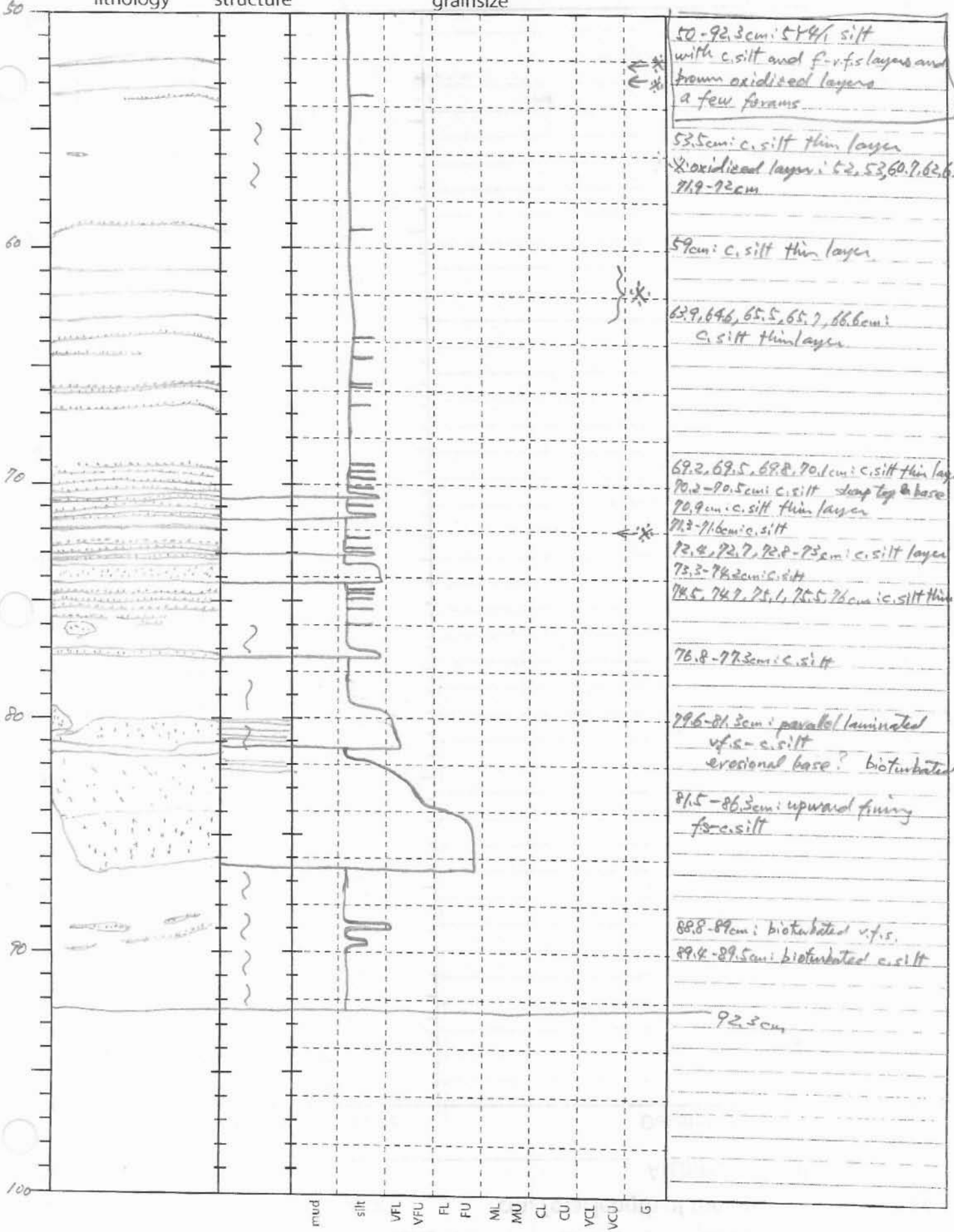
45-47.6cm: upward fining f-v.f.s.

45-46cm: parallel laminated v.f.s-c.silt

46-47.6cm: rippled f-v.f.s.

CORE LOG Core No. RR 0905 -104TC Section No. 1/2 sheet 2 of 2

Date 11/06/2007 Described by Ken Archive/Working



50-92.3cm: 5Y4/1 silt with c.silt and f-v.f.s layers and brown oxidized layers a few forams

53.5cm: c.silt thin layer

*: oxidized layer: 52, 53, 60.7, 62, 63, 71.9-72cm

59cm: c.silt thin layer

63.9, 64.6, 65.5, 65.7, 66.6cm: c.silt thin layer

69.2, 69.5, 69.8, 70.1cm: c.silt thin layer
70.2-70.5cm: c.silt sharp top & base
70.9cm: c.silt thin layer
71.3-71.6cm: c.silt
72.4, 72.7, 72.8-73cm: c.silt layer
73.3-74.2cm: c.silt
74.5, 74.7, 75.1, 75.5, 76cm: c.silt thin layer

76.8-77.3cm: c.silt

79.6-81.3cm: parallel laminated v.f.s-c.silt erosional base? bioturbated

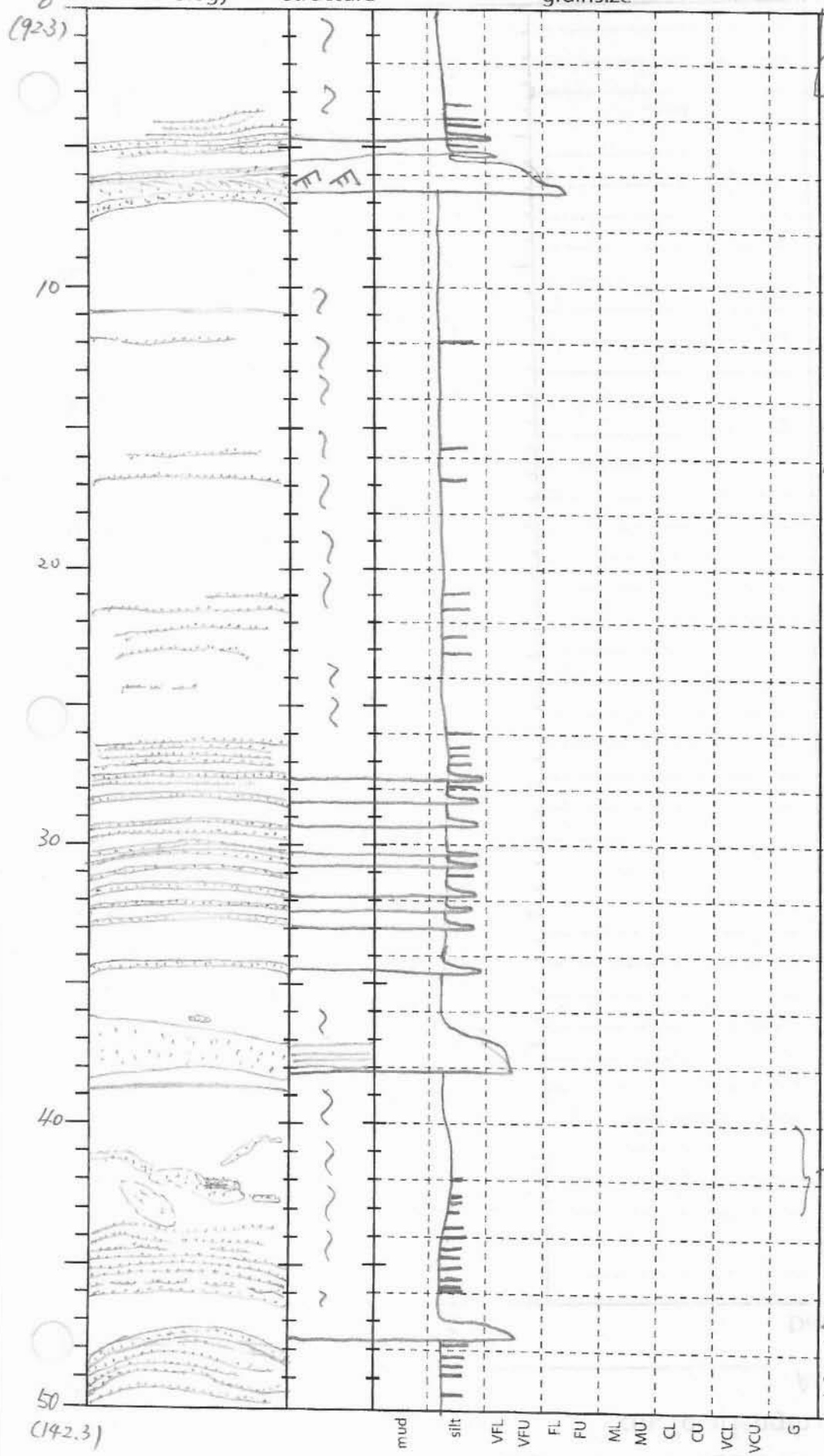
81.5-86.3cm: upward fining f.s-c.silt

88.8-89cm: bioturbated v.f.s.
89.4-89.5cm: bioturbated c.silt

92.3cm

CORE LOG Core No. RR0705-104TC Section No. 2/2 sheet 1 of 2

Date 11/06/2007 Described by Ken Archive/Working



0-50cm: 5Y4/1 silt with numerous c.silt-f.s layers and brown oxidized layers

3.5, 4, 4.3cm: c.silt thin layer

4.5-4.8cm: v.f.s layer

5cm: c.silt thin layer

5.3-5.5cm: v.f.s

5.6-6.6cm: upward fining f.s-c.silt sharp base, upper ripple laminated

10.6cm: brown oxidized layer

12cm: c.silt thin layer

15.7, 16.8cm: c.silt thin layer

20.7, 21.4, 22.4, 23cm: c.silt thin layer bioturbated

26-33.3cm: fine alternation of silt & c.silt-v.f.s layers

26, 26.5, 26.7, 27cm: c.silt thin layer

27.1-27.5cm: c.silt

27.8cm: c.silt thin layer

28.1-28.4cm: c.silt

29.1-29.3, 29.5, 29.9cm: c.silt

30.2-30.4, 30.5-30.8, 31-31.1, 31.5-31.8, 32.1-32.4, 32.7-33cm: c.silt

34.1-34.5cm: c.silt

36.5-38.2cm: upward fining v.f.s-c.silt parallel laminated sharp base

38.7cm: brown oxidized layer

bioturbated partly c.silt layers observed (42, 42.6, 42.8, 43cm)

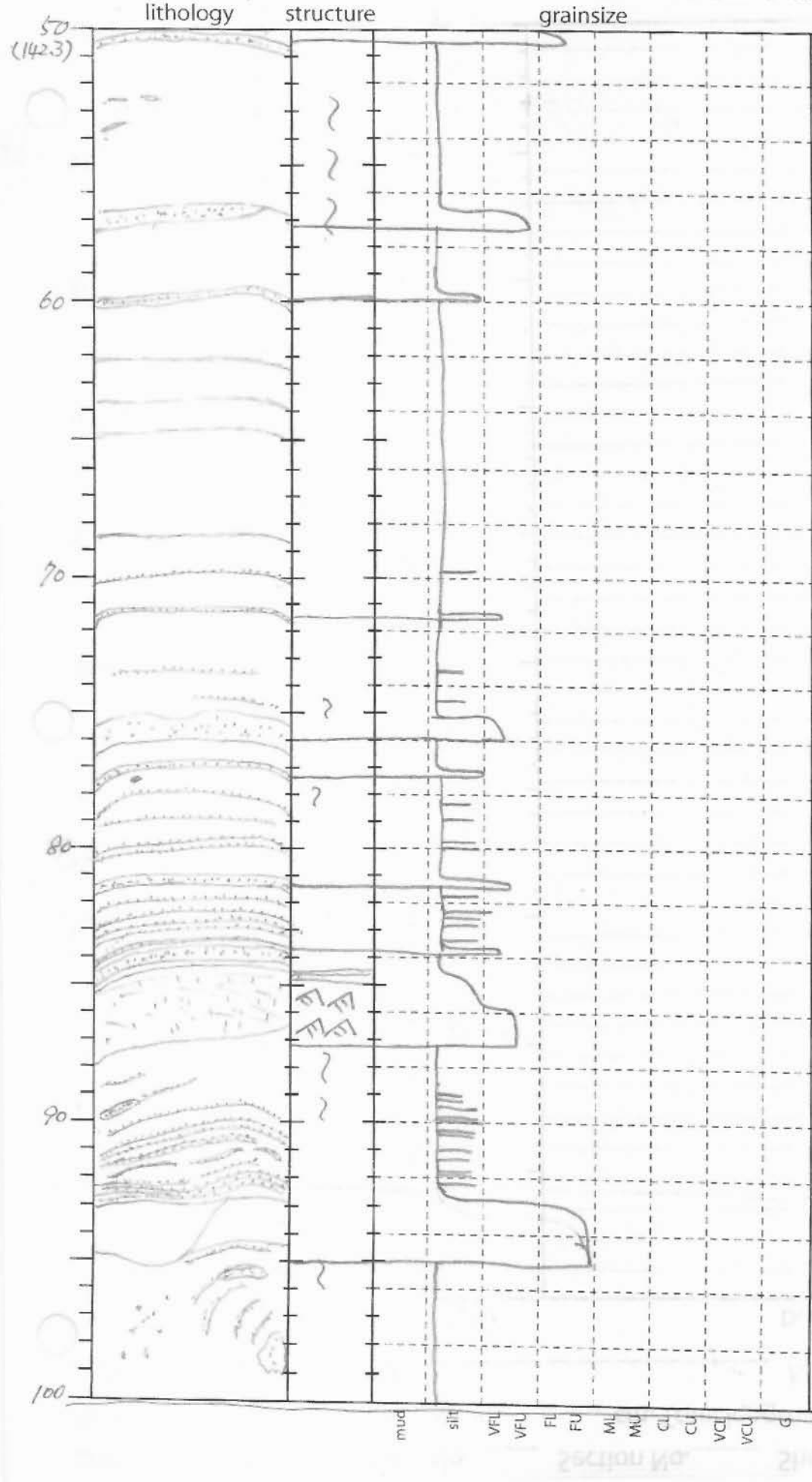
43.6, 44, 44.3, 44.6, 45, 45.3, 45.6, 45.8cm: c.silt thin layer

49.1-49.6cm: upward fining v.f.s-c.silt sharp base

49.9, 48.2, 48.5, 48.8, 49.4cm: c.silt thin layer

CORE LOG Core No. RR0705-10PTC Section No. 2/2 sheet 2 of 2

Date 11/06/2007 Described by Ken Archive/Working



50-50.5cm: v.f.s. qtz rich
sharp top & base

50-100.1cm: 5Y4/1 silt with numerous c.silt-f.s layers and brown oxidized layer

56.5-57.2cm: v.f.s. qtz rich
sharp top & base

59.7-60cm: c.silt sharp top & base

62.1-62.3, 63.5-63.6, 68.6-68.8cm: brown oxidized layer

68.3-68.5cm: brown oxidized layer

69.8cm: c.silt thin layer

71.3-71.5cm: v.f.s. sharp base & top

73.3cm: c.silt thin layer

74.6cm: c.silt thin layer

75-76cm: upward fining v.f.s-c.silt
sharp base top slightly bioturbated

77-77.3cm: v.f.s-c.silt

78.2, 78.9, 79.8, 80cm: thin c.silt-v.f.s layer

81-81.3cm: v.f.s

81.7, 82.3-82.4, 82.5, 82.8, 83.2cm: c.silt-v.f.s thin layer

83.4-83.7cm: upward fining v.f.s-c.silt
sharp base

84.2-87.1cm: upward fining v.f.s-c.silt
sharp base ripple laminated?

88.8, 89, 89.2, 89.7, 90, 90.5, 90.6, 91, 91.3, 91.8, 91.9, 92.1cm: c.silt-v.f.s thin layer

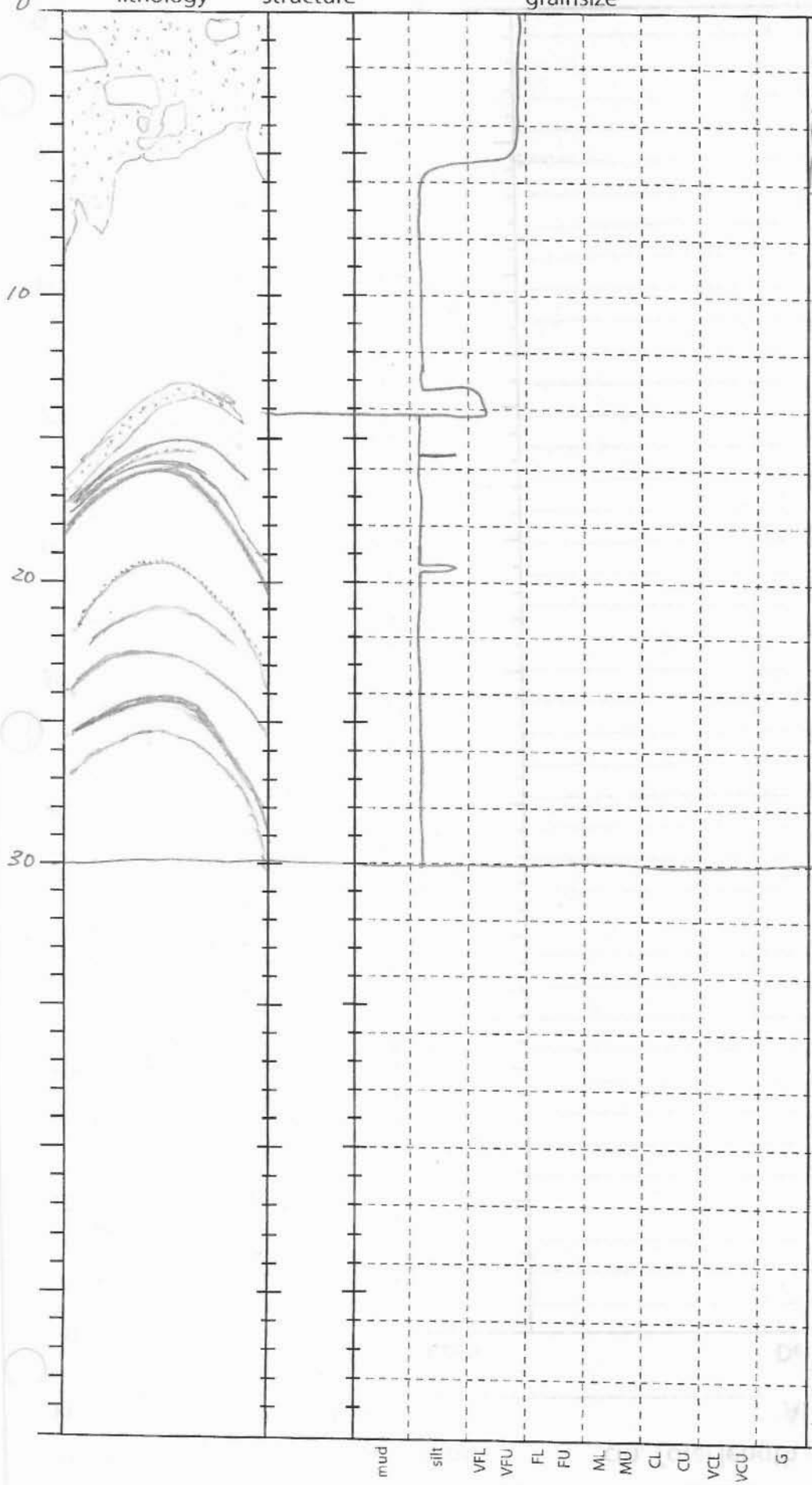
92.6-95cm: (left) f-v.f.s. (right) parallel laminated v.f.s-c.silt

95-100.1cm: disturbed silt with thin c.silt and v.f.s layers and patches

100.1cm
(192.4cm)

CORE LOG Core No. RR0705-104PC Section No. 1/4 sheet 1 of 1

Date 11/06/2007 Described by Ken Archive/Working



Top: 5Y3/2 v.f.s

0-5.5cm: 5Y3/2 v.f.s

5.5cm-30cm: 5Y4/1 silt with c.silt layers and brown oxidized layers upper boundary irregular (core disturbance)

13.5-14.1cm: 2.5Y3/1 v.f.s.

15, 16.1cm, 16.3-16.6cm; brown oxidized layer

15.5cm: c.silt thin layer

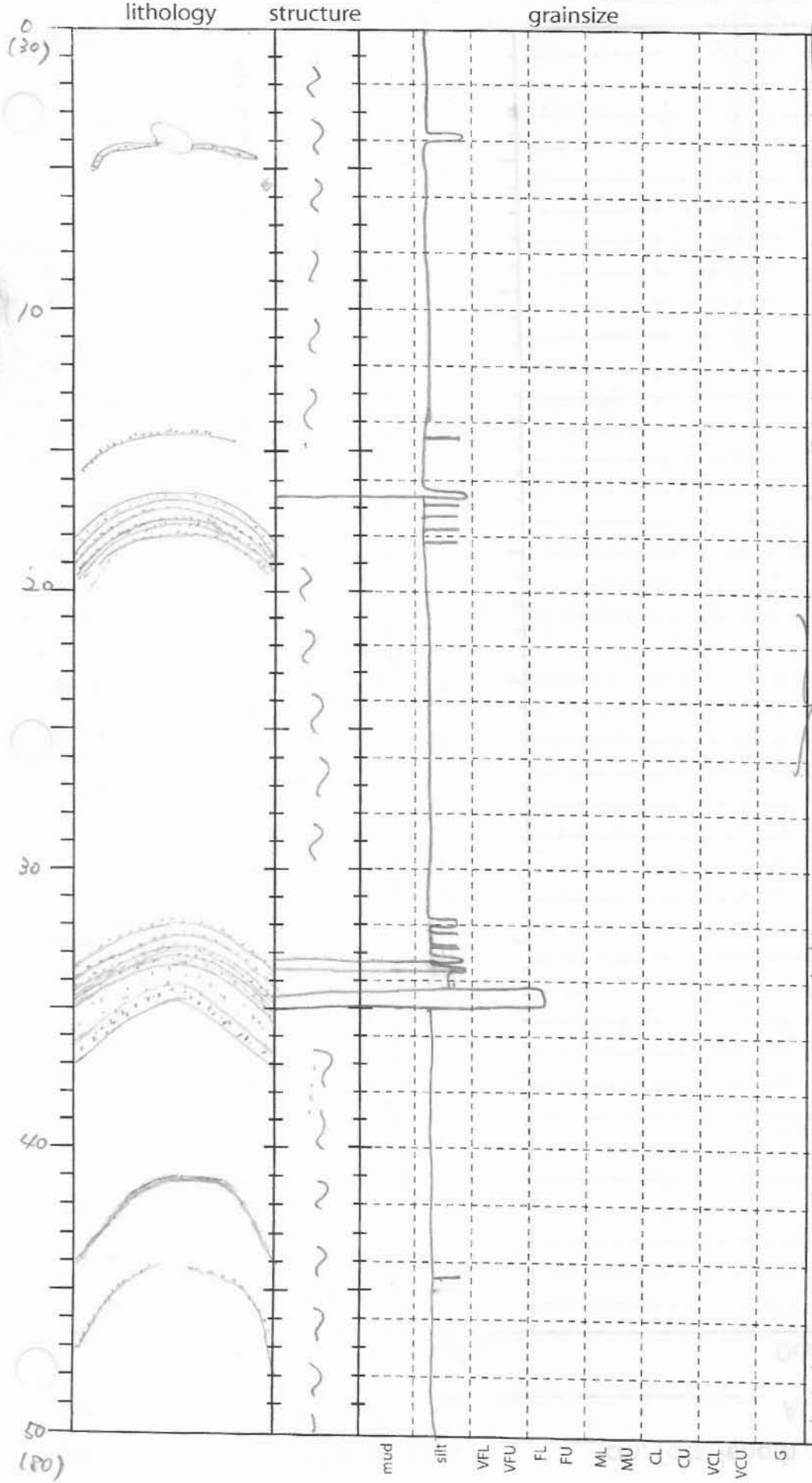
19.3-19.5cm: c.silt

21, 22.5-22.8, 24-24.3, 25.2cm: brown oxidized layer

30cm

CORE LOG Core No. RR0705-104PC Section No. 2/4 sheet 1 of 3

Date 11/06/2007 Described by Ken Archive/Working



0-50cm: 5Y4/1 silt with numerous c.silt-f.s layers bioturbated; a few forams

3.8-4.0cm: bioturbated c.silt

14.5cm: c.silt thin layer bioturbated

16.3-16.6cm: c.silt

16.8, 17.1, 17.7, 18.2cm: c.silt thin layer

forams

31.8-32.1cm: c.silt both boundary gradual

32.3, 32.8, 32.9, 33-33.4, 33.5-33.7cm: c.silt thin layer

33.7-34.4cm: c.m.silt

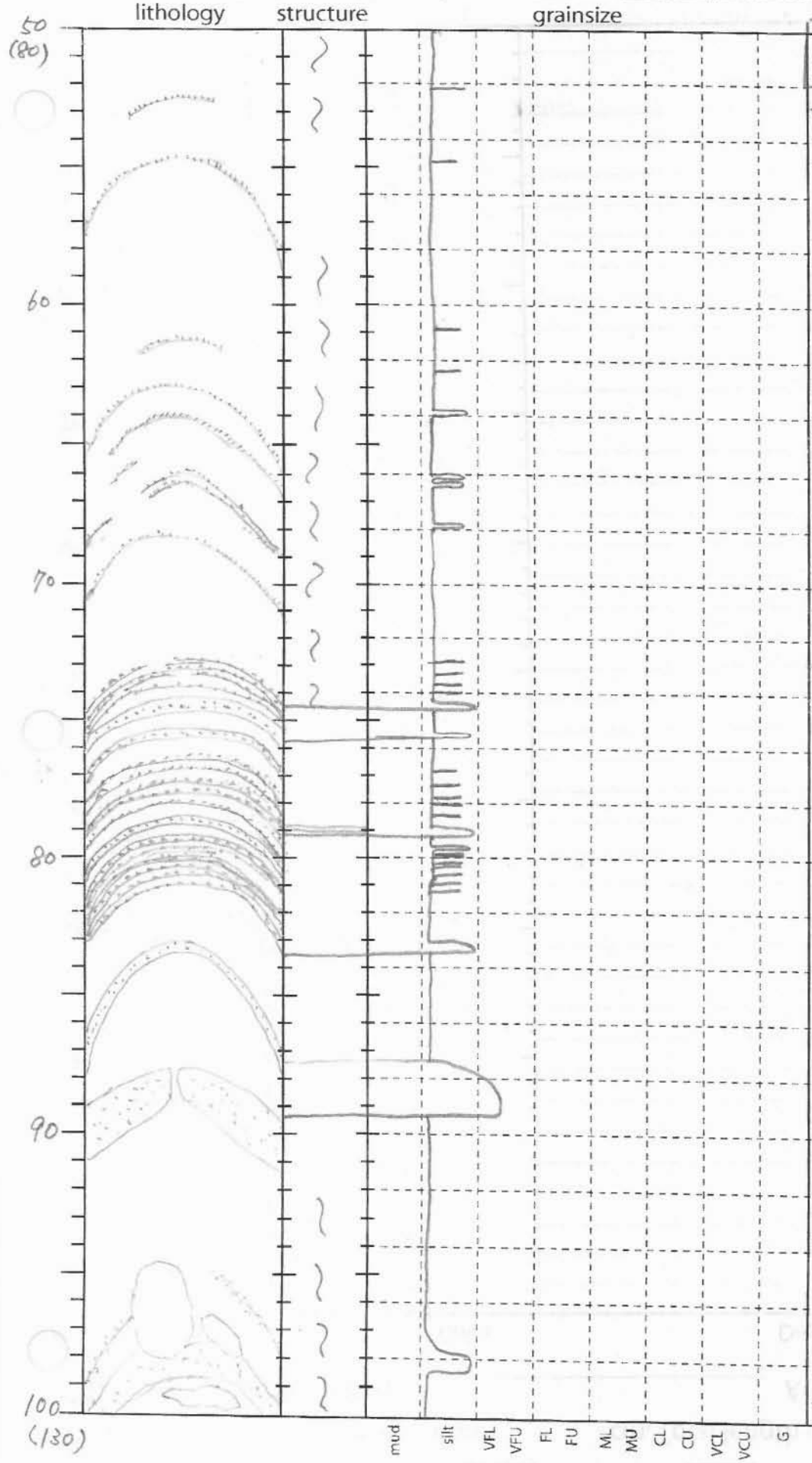
34.4-35cm: f.s sharp top & base

41.3-41.6cm: brown oxidized layer

44.5cm: c.silt thin layer bioturbated

CORE LOG Core No. RR0705-104PC Section No. 2/4 sheet 2 of 3

Date 11/06/2007 Described by Ken Archive/Working



50-100cm: 5Y4/1 silt with numerous c.silt-v.f.s. layers

52.2cm: c.silt thin layer bioturbated

58.7cm: c.silt thin layer

60.8cm: c.silt thin layer

62.2cm: c.silt thin layer bioturbated

63.8-64cm: c.silt bioturbated

66-66.1cm: c.silt bioturbated

66.3-66.5cm: c.silt bioturbated

67.8-68cm: c.silt bioturbated

foram

72.7, 73.2, 73.6, 74cm: c.silt thin layer

74.2-74.6cm: upward fining c.silt-v.f.s

75.6-75.8cm: c.silt sharp base

76.8, 77.2, 77.8, 78, 78.9cm: c.silt thin layer

78.8-79.1cm: c.silt parallel laminated

79.4-79.6cm: c.silt

79.8, 79.9, 80.2, 80.3, 80.6, 80.8, 81.1cm: c.silt thin layer

83-83.6cm: c.silt sharp base & top

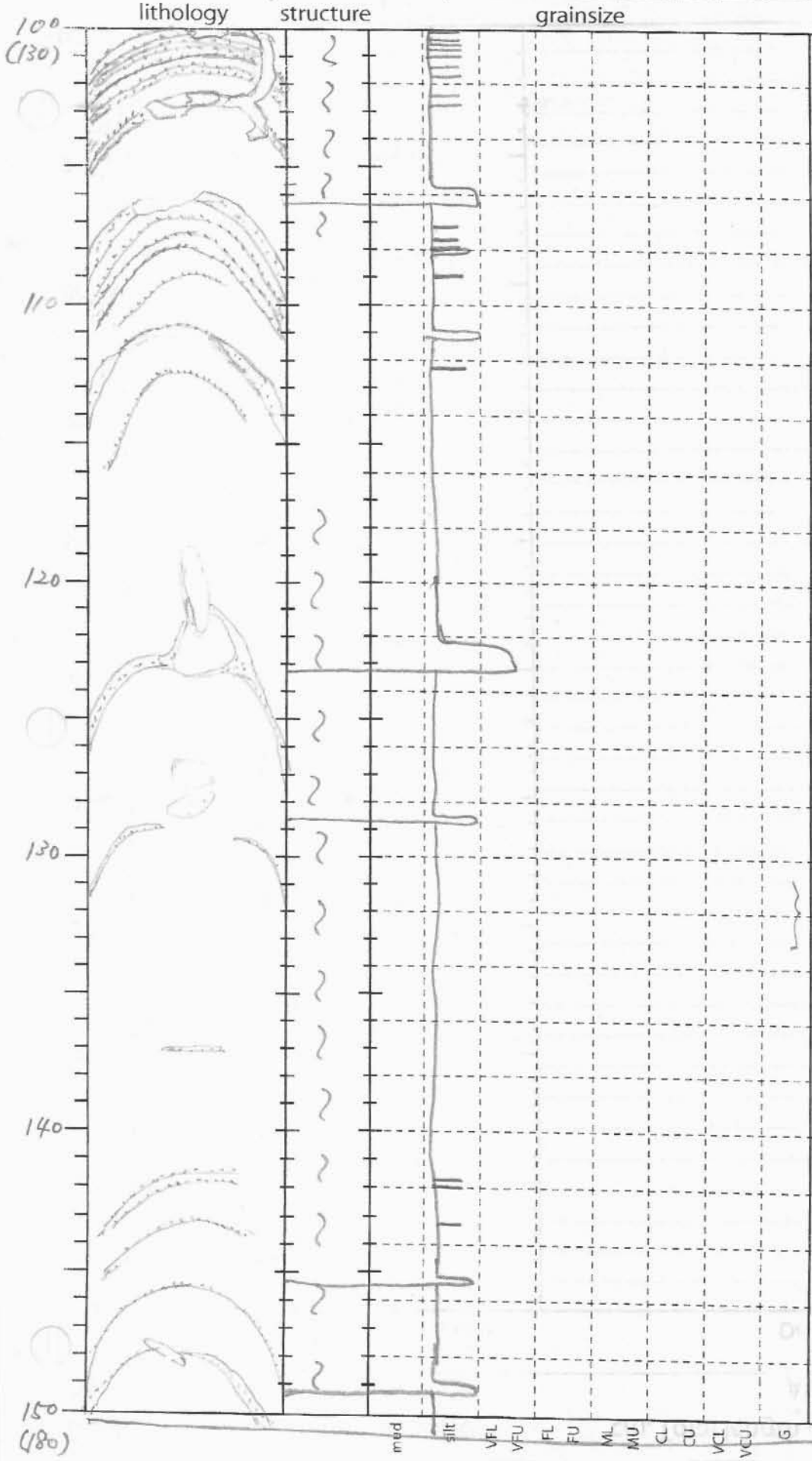
87.8-89.3cm: upward fining v.f.s-c.silt

foram

96.7-98.2cm: bioturbated c.silt upward fining, sharp base

CORE LOG Core No. RR0705-104PC Section No. 2/4 sheet 3 of 3

Date 11/06/2007 Described by Ken Archive/Working



100, 100.3, 100.5, 100.7, 101, 101.4, 101.7, 102.3, 102.8 cm: c. silt thin layer bioturbated

100-150.5 cm: 5Y 4/1 silt with numerous c. silt layers

105.5-106.2 cm: upward fining c. silt sharp top & base, bioturbated

107, 107.4, 107.9-108.2, 108.9 cm: c. silt thin layer

110.3 cm: gray c. silt (thin at both sides)

112.2 cm: c. silt thin layer

122.2-123.2 cm: v.f.s. bioturbated sharp base & top

128.3-128.7 cm: c. silt bioturbated sharp base & top

Firmns

137 cm: c. silt patch

141.7, 142 cm: c. silt thin layer

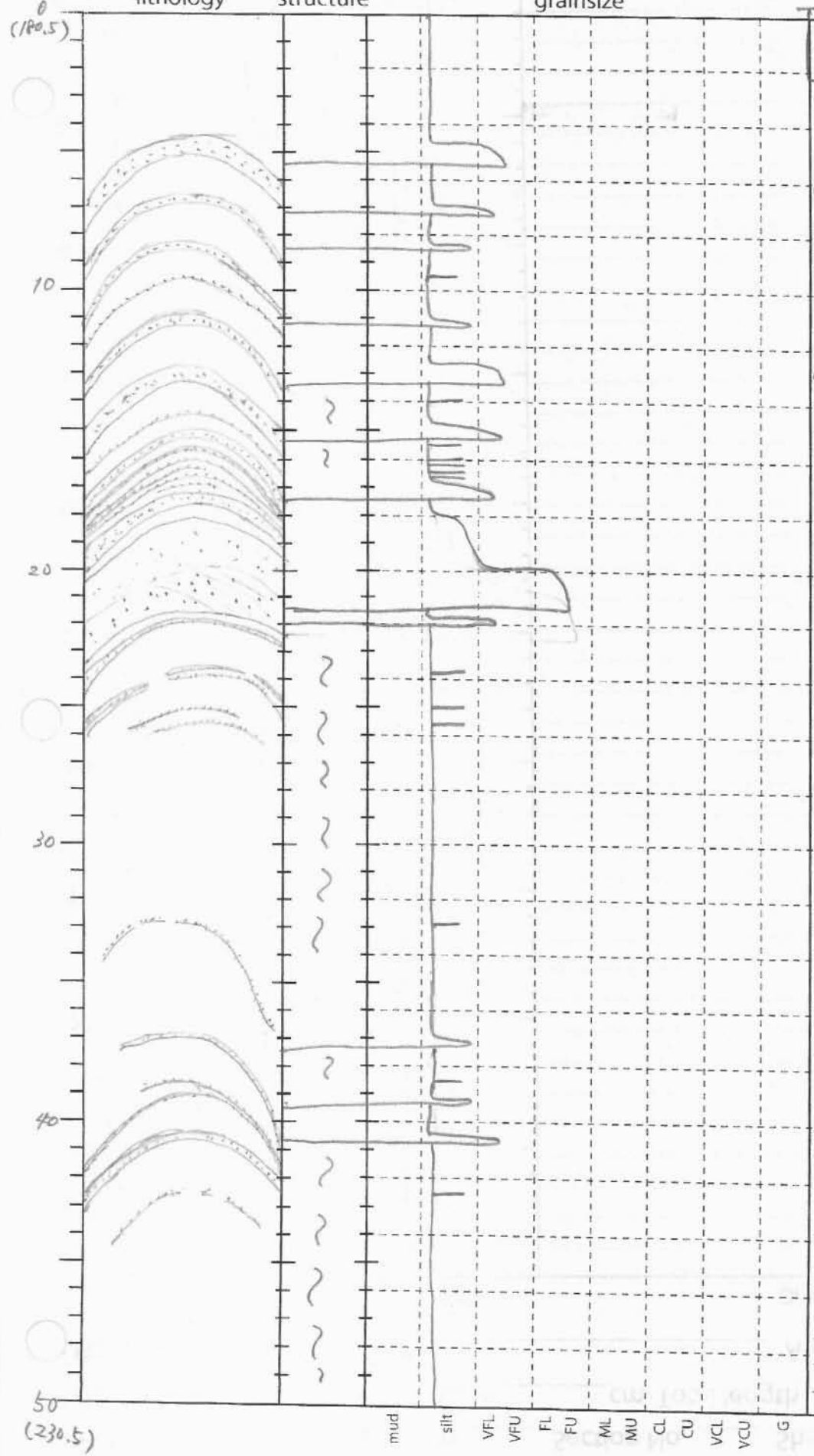
143 cm: c. silt thin layer

145.1-145.3 cm: c. silt sharp base & top

148.9-149.2 cm: c. silt bioturbated sharp base & top

CORE LOG Core No. RR0705-104PC Section No. 3/4 sheet 1 of 3

Date 11/06/2007 Described by Ken Archive/Working



0-50cm: GLEY1 4/N silt with numerous c.silt-f.s. layers

4.6-5.3cm: v.f.s-c.silt sharp top & base

6.8-7.1cm: v.f.s-c.silt sharp top & base

8.2-8.4cm: c.silt sharp top & base

9.5cm: c.silt thin layer

10.8-11.2cm: v.f.s-c.silt sharp top & base

12.6-13.4cm: v.f.s-c.silt upward fining sharp top & base

14cm: c.silt thin layer

14.8-15.3cm: v.f.s-c.silt sharp base and top upward fining

15.4-15.5, 16, 16.2, 16.4, 16.7cm: c.silt thin layer

16.8-17.4cm: v.f.s. upward fining sharp top & base

18-21.4cm: upward fining f.s-c.silt sharp base lower part rippled

21.8-22cm: v.f.s-c.silt

23-23.2cm: c.silt bioturbated

23.8, 25, 25.4cm: c.silt thin layer bioturbated

32.8cm: c.silt thin layer.

36.8-37.4cm: c.silt bioturbated sharp top & base

38.7cm: c.silt thin layer

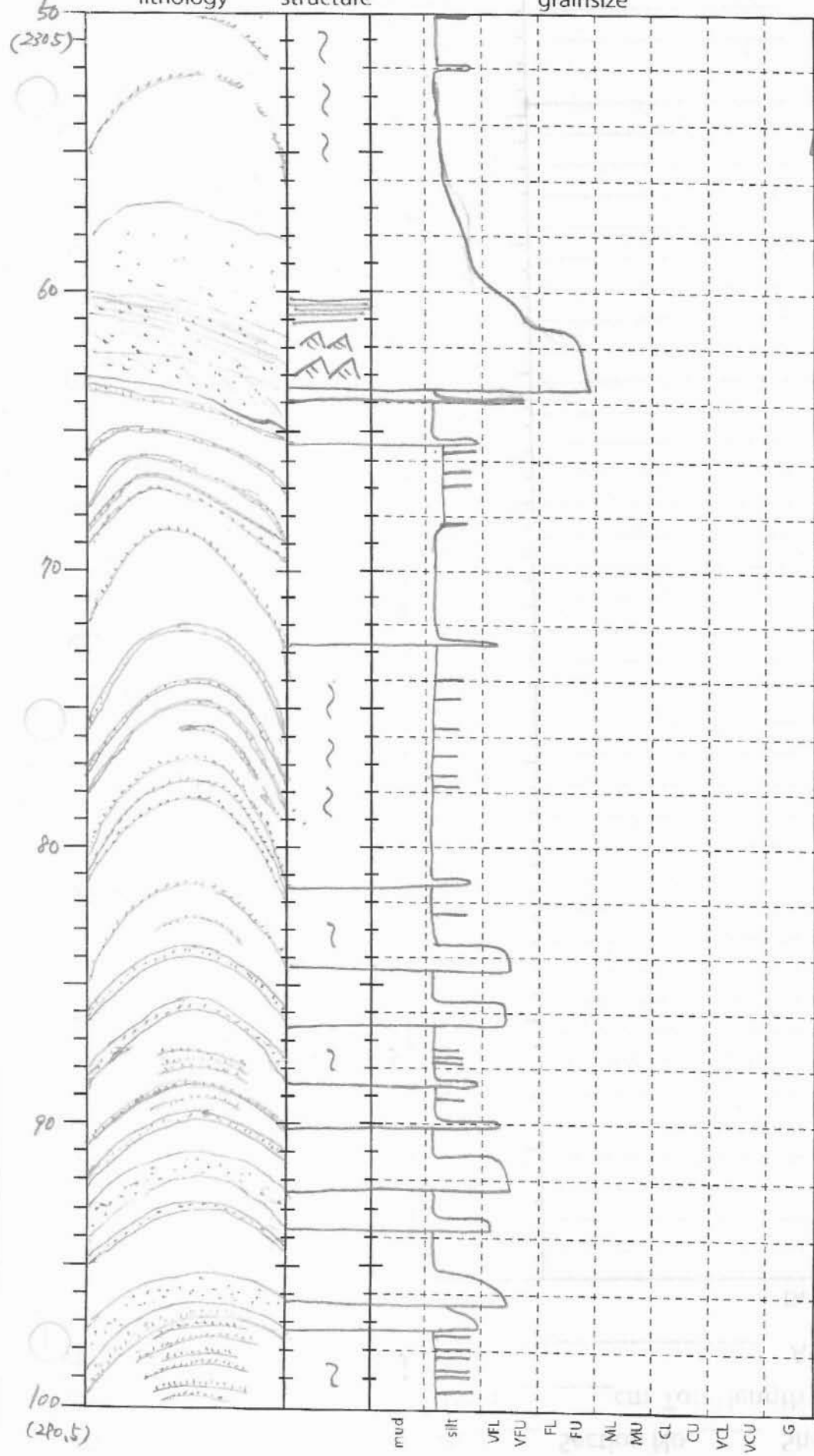
39.2-39.5cm: c.silt

40.2-40.7cm: v.f.s. sharp top & base

42.4cm: c.silt thin layer bioturbated

CORE LOG Core No. RR0705-10GPC Section No. 3/4 sheet 2 of 3

Date 11/06/2007 Described by Ken Archive/Working



50cm: c.silt thin layer.

51.9-52.1cm: c.silt

50-100cm: GLEY1 4/N silt with numerous c.silt-f.s layers

57-63.5cm: upward fining f.s-c.silt

57-60.3cm: c.silt

60.3-61.2cm: parallel laminated v.f.s

61.2-63.5cm: ripple laminated f.s

sharp bud erosional base (flute cast?)

63.8-64cm: v.f.s

65.2-65.4cm: c.silt

65.7, 66.3, 66.8, 68.4cm: c.silt

65.2-68.4cm: alternation of c.silt and m.silt

72.4-72.8cm: v.f.s sharp base & top

74, 74.8, 75.8, 76.6, 77.2, 77.8cm: c.silt layers

81.3-81.5cm: c.silt

82.4cm: c.silt thin layer

83.4-84.3cm: v.f.s. sharp top & base

85.5-86.5cm: v.f.s. sharp top & base

87.3, 87.7, 87.9cm: c.silt thin layer

88.3-88.5cm: c.silt

89cm: c.silt thin layer

89.3-90.1cm: v.f.s. sharp top & base

91-92.3cm: upward fining v.f.s-c.silt sharp base

93.5-93.8cm: v.f.s. sharp base & top

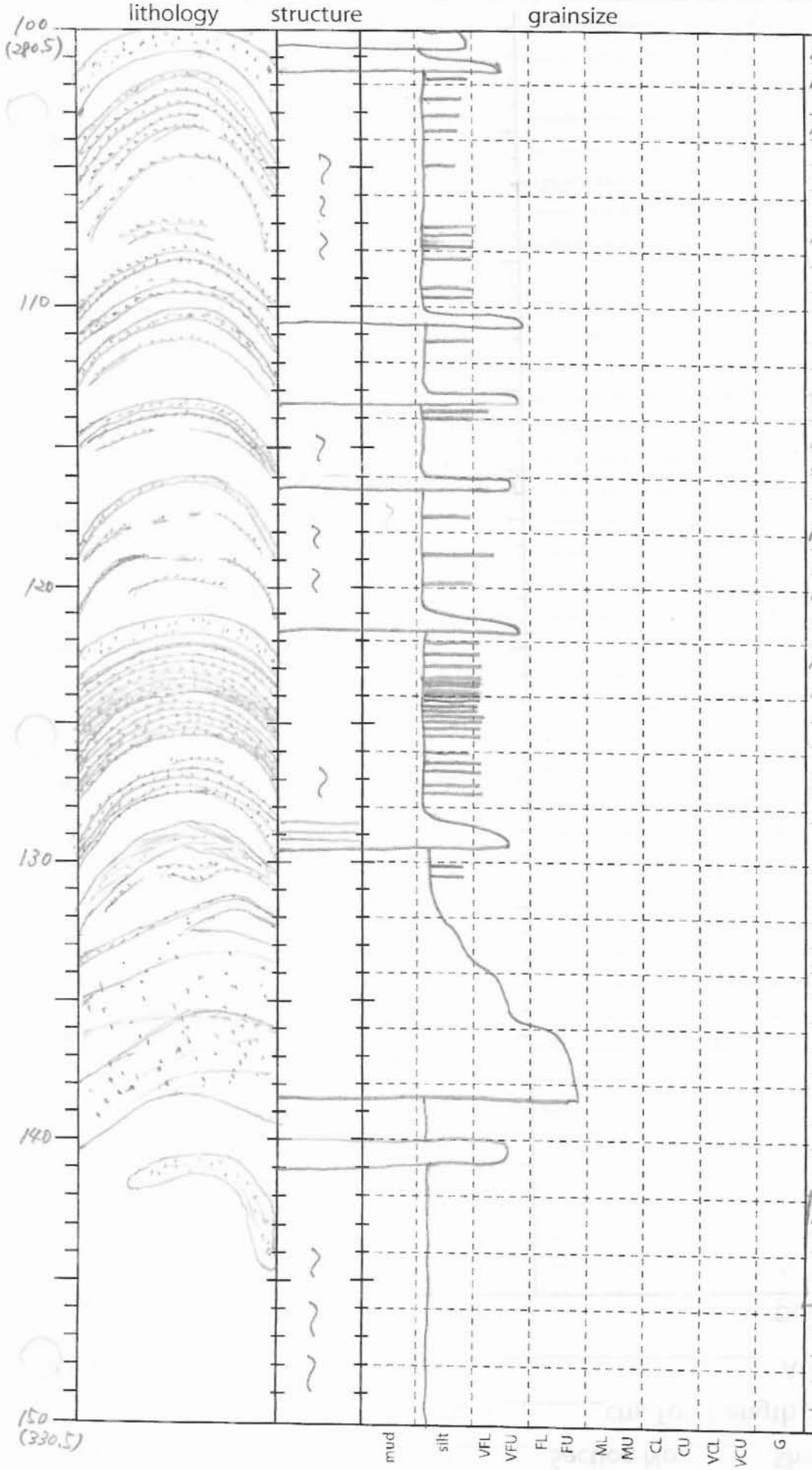
95-96.2cm: upward fining v.f.s-c.silt sharp top & base

96.2-97.2cm: upward fining c.silt sharp base

97.5, 98, 98.2, 98.7, 98.9, 99.2cm: c.silt thin layer

CORE LOG Core No. RR0705-10KPC Section No. 3/4 sheet 3 of 3

Date 11/06/2007 Described by Ken Archive/Working



100-100.6cm: c.silt sharp base

101-101.5cm: v.f.s-c.silt upward fining sharp base

101.9, 102.5, 103, 103.6, 104.9cm: c.silt-v.f.s. thin layer

107, 107.4, 107.8, 108.3, 109.1, 109.5cm: c.silt-v.f.s thin layer

110.2-110.7cm: v.f.s. sharp top & base

111.1cm: c.silt thin layer

113-113.4cm: v.f.s. sharp top & base

113.7cm: v.f.s. thin layer

114cm: c.silt thin layer

116-116.3cm: v.f.s. sharp top & base

117.4cm: c. silt thin layer bioturbated

118.8cm: v.f.s thin layer bioturbated

119.9cm: c.silt thin layer bioturbated

121-121.2cm: upward fining v.f.s-c.silt sharp base

122, 122.4, 122.9, 123.2, 123.9, 124.5, 123.6, 123.8, 124, 124.1, 124.3, 124.5, 124.7, 124.9, 125.1, 125.3cm: v.f.s-c.silt thin layers

126, 126.4, 126.8, 127.2, 127.8cm: v.f.s-c.silt thin layers

128.4-128.6cm: parallel-ripple laminated v.f.s-c.silt sharp base & top

130.2, 130.6cm: c.silt thin layer

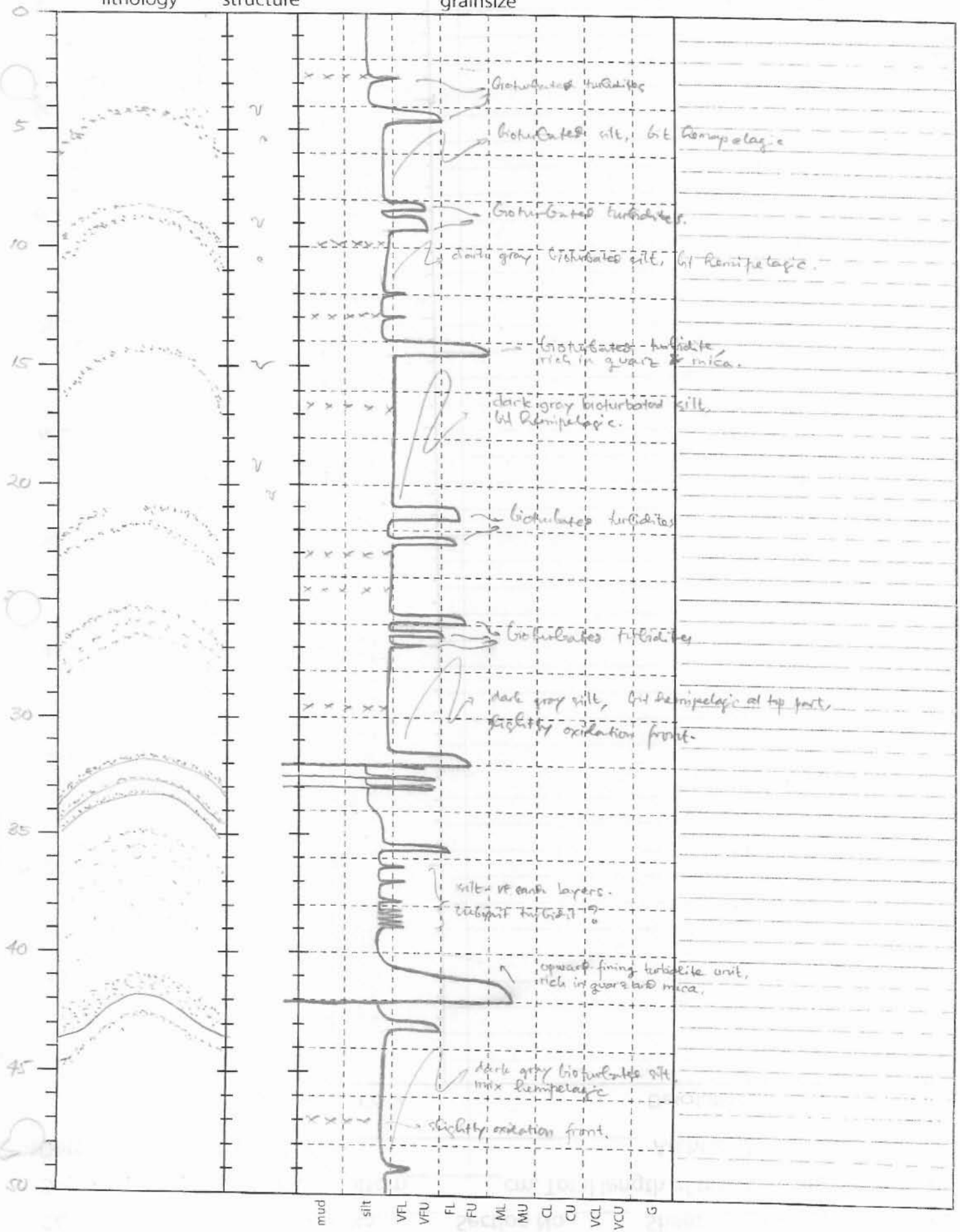
131.5-138.9cm: upward fining f.s-c.silt sharp base

140-141cm: v.f.s.

100-150cm: GLEY1 4/N silt with numerous c.silt-f.s layers

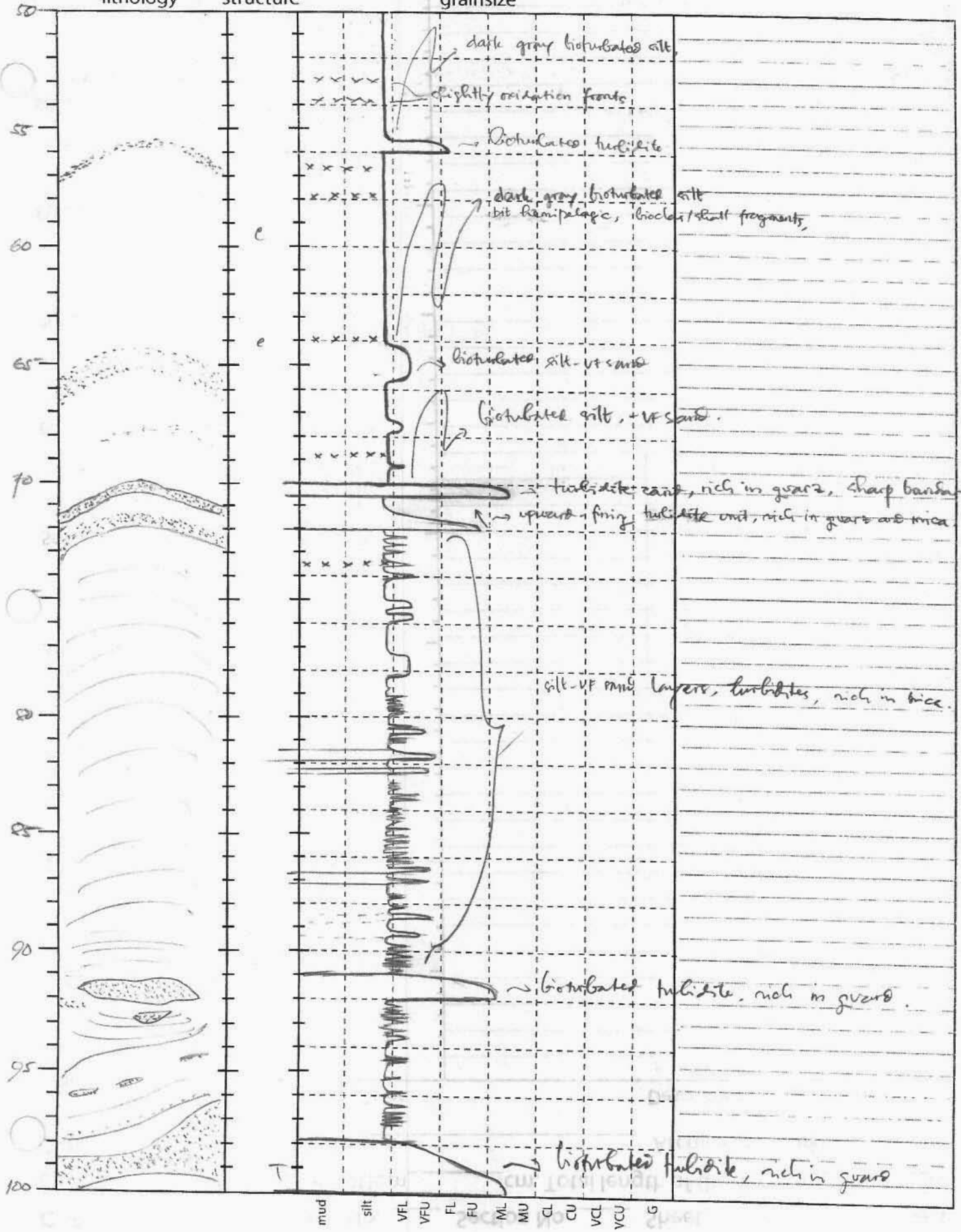
CORE LOG Core No. RR0705 - 104 PC Section No. 4 of 4 (330.5 -) sheet 1 of

Date 12 JUNE 07 Described by SADIA Archive/Working



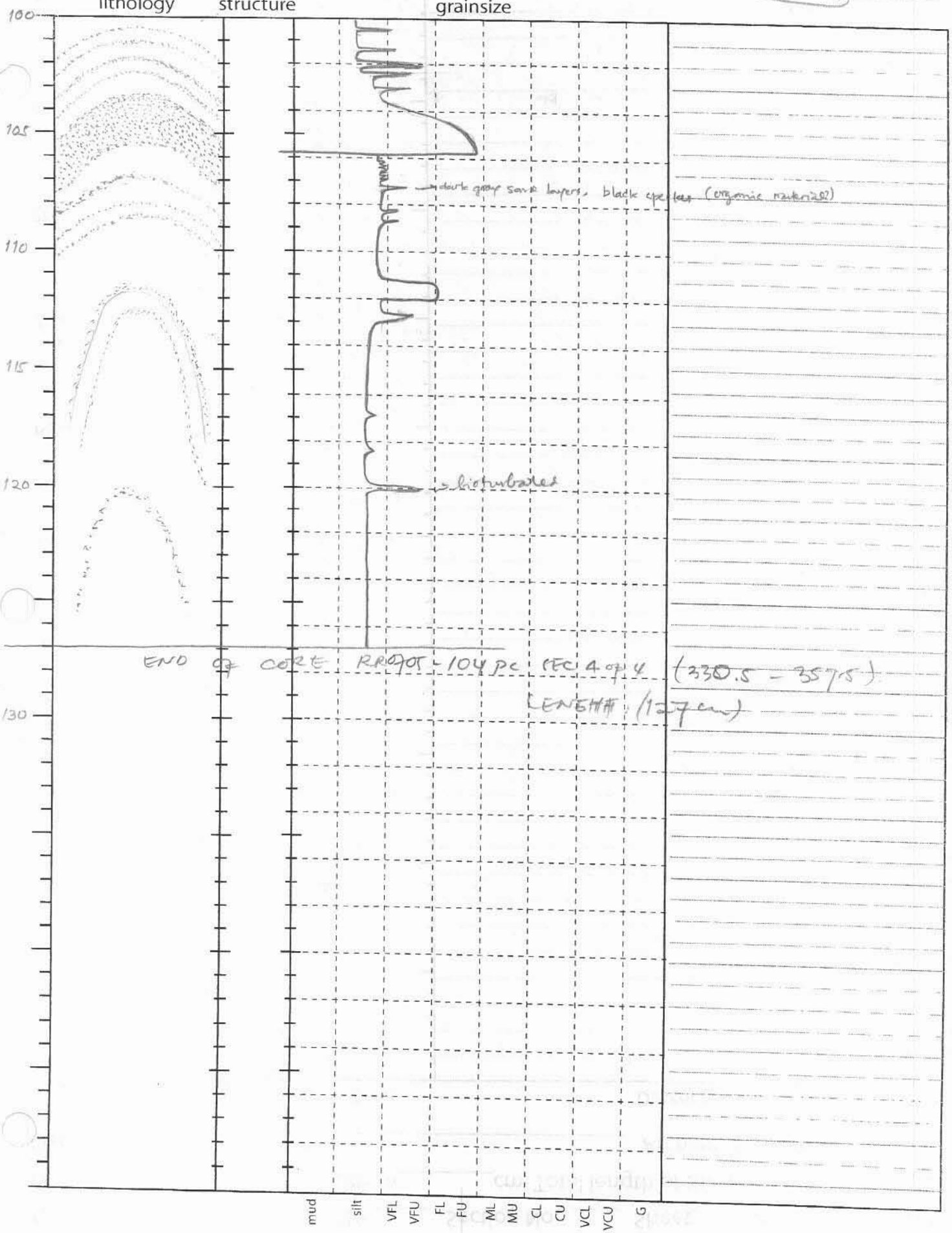
CORE LOG Core No. RR0705 - 104 PC Section No. 4044 sheet 2 of 3

Date 12 JUNE 07 Described by SAPTA Archive/Working



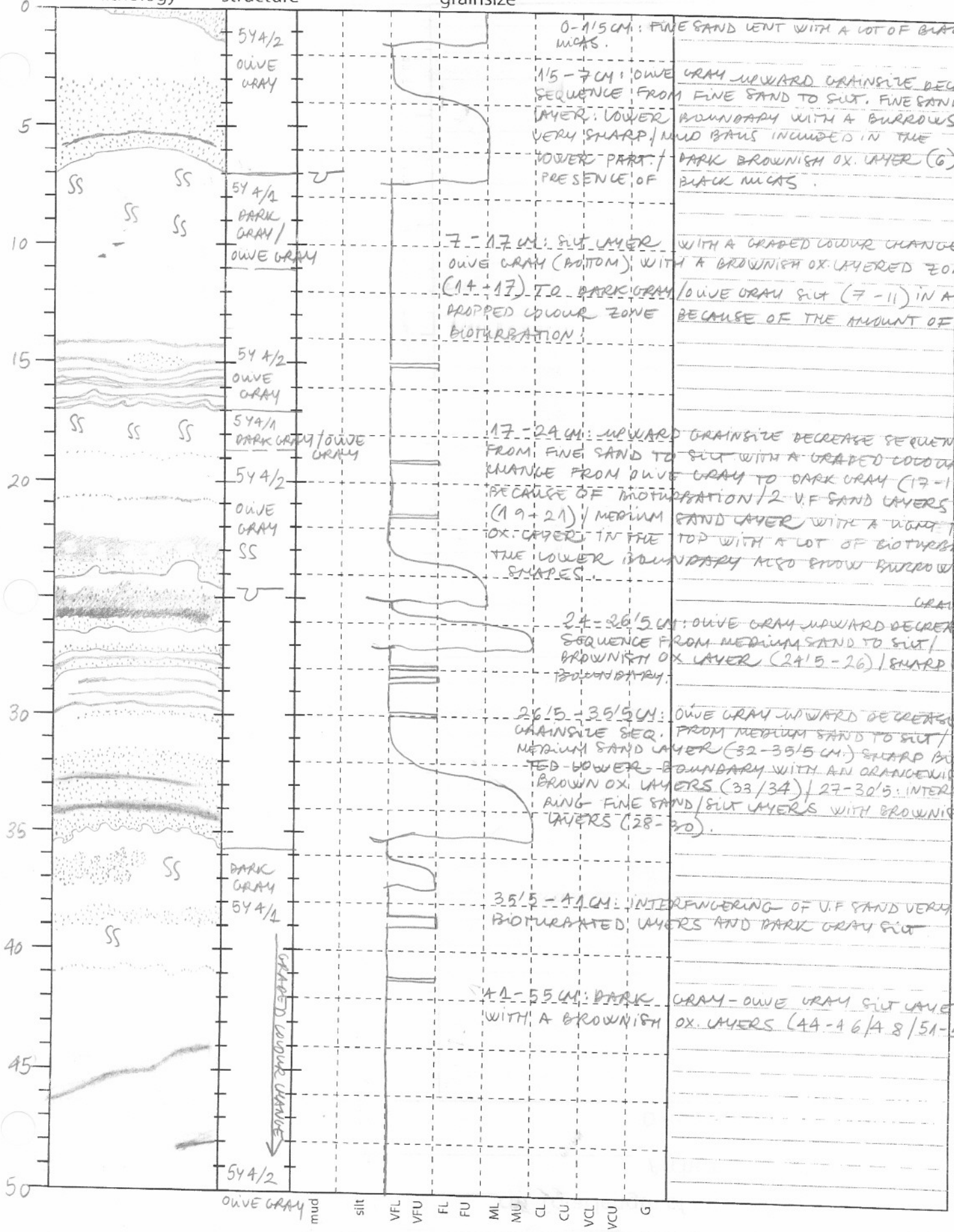
CORE LOG Core No. RR0705 - 104 PC Section No. 4 of 4 sheet 3 of 3

Date 12 JUNE 07. Described by SAPTA Archive/Working



CORE LOG Core No. RR0705-105TG Section No. 1 OF 1 sheet 1 of 2

Date 11/06/07 Described by ZORAIDA Archive/Working



0-1'5 CM: FINE SAND LENT WITH A LOT OF BLACK MICAS.

1'5 - 7 CM: OLIVE GRAY UPWARD GRAINSIZE DECREASE SEQUENCE FROM FINE SAND TO SILT. FINE SAND LAYER: LOWER BOUNDARY WITH A BURROWS SHAPES VERY SHARP / MUD BALLS INCLUDES IN THE LOWER PART / PRESENCE OF DARK BROWNISH OX. LAYER (6) / BLACK MICAS.

7 - 17 CM: SILT LAYER WITH A GRADED COLOUR CHANGE FROM OLIVE GRAY (BOTTOM) / WITH A BROWNISH OX. LAYERED ZONE (14 - 17) TO DARK GRAY / OLIVE GRAY SILT (7 - 11) IN A DROPPED COLOUR ZONE BECAUSE OF THE AMOUNT OF BIOTURBATION.

17 - 24 CM: UPWARD GRAINSIZE DECREASE SEQUENCE FROM FINE SAND TO SILT WITH A GRADED COLOUR CHANGE FROM OLIVE GRAY TO DARK GRAY (17 - 18'5 CM) BECAUSE OF BIOTURBATION / 2 V.F SAND LAYERS (19 - 21) / MEDIUM SAND LAYER WITH A LIGHT BROWNISH OX. LAYER IN THE TOP WITH A LOT OF BIOTURBATION. THE LOWER BOUNDARY ALSO SHOW BURROWS SHAPES.

24 - 26'5 CM: OLIVE GRAY UPWARD DECREASE GRAINSIZE SEQUENCE FROM MEDIUM SAND TO SILT / BROWNISH OX LAYER (24'5 - 26) / SHARP LOWER BOUNDARY.

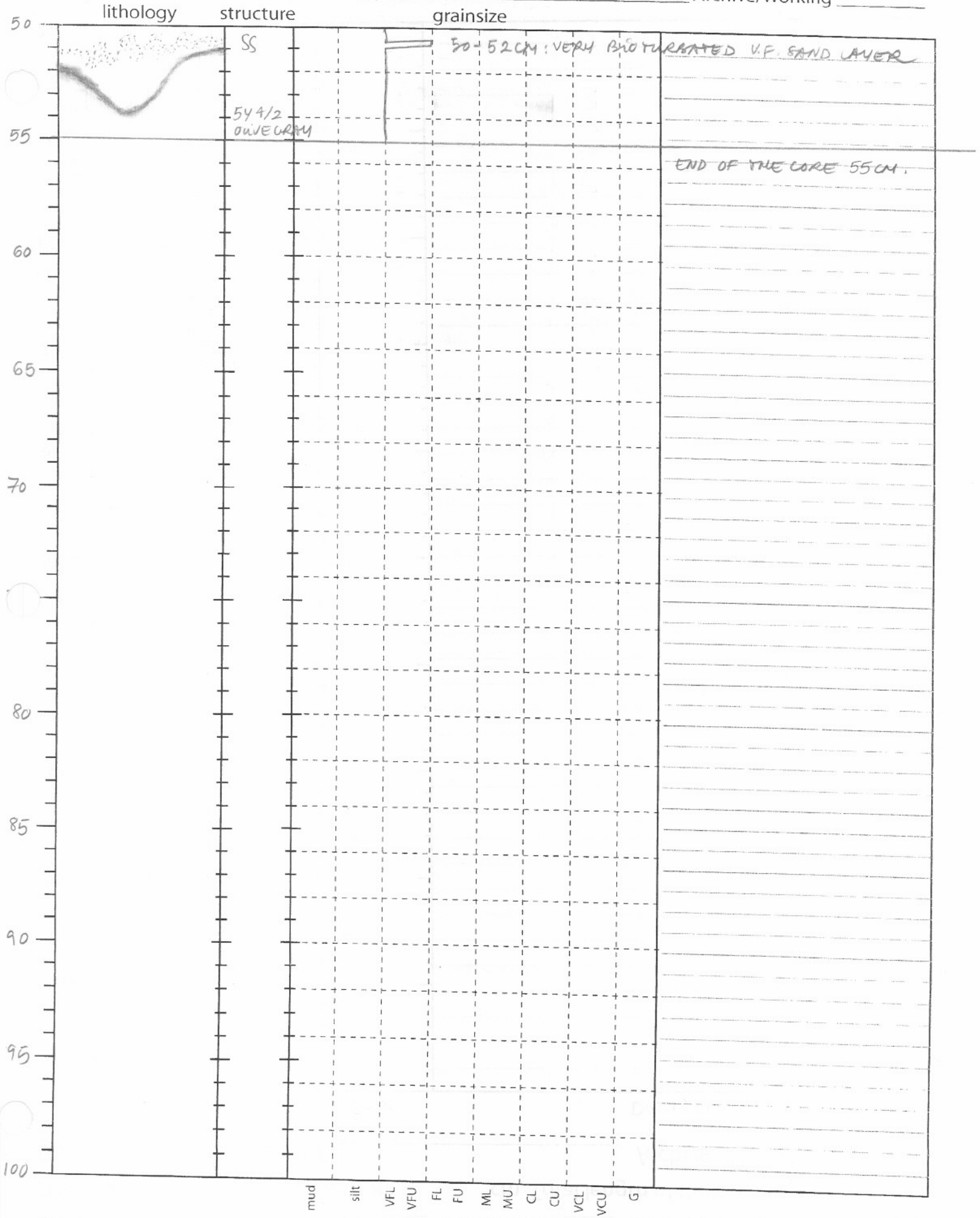
26'5 - 35'5 CM: OLIVE GRAY UPWARD DECREASE GRAINSIZE SEQ. FROM MEDIUM SAND TO SILT / MEDIUM SAND LAYER (32 - 35'5 CM.) SHARP BIOTURBATED LOWER BOUNDARY WITH AN ORANGE WITH BROWN OX. LAYERS (33/34) / 27 - 30'5: INTERFINGERING FINE SAND / SILT LAYERS WITH BROWNISH OX. LAYERS (28 - 30).

35'5 - 41 CM: INTERFINGERING OF V.F SAND VERY BIOTURBATED LAYERS AND DARK GRAY SILT

41 - 55 CM: DARK GRAY - OLIVE GRAY SILT LAYER WITH A BROWNISH OX. LAYERS (44 - 46/48/51 - 53).

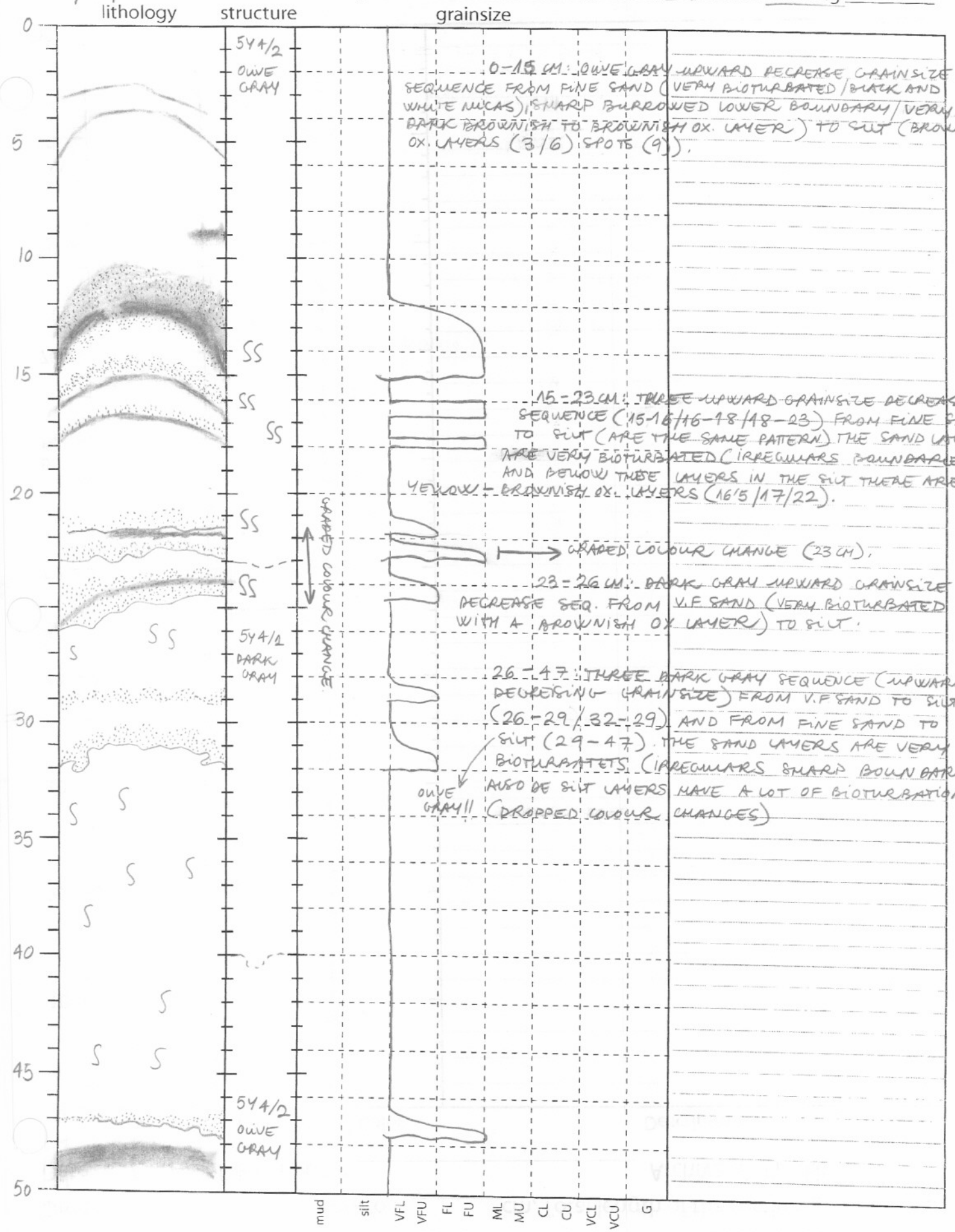
CORE LOG Core No. RR0705-105TC Section No. 1 sheet 2 of 2

Date 11/06/07 Described by ZORAIDA Archive/Working



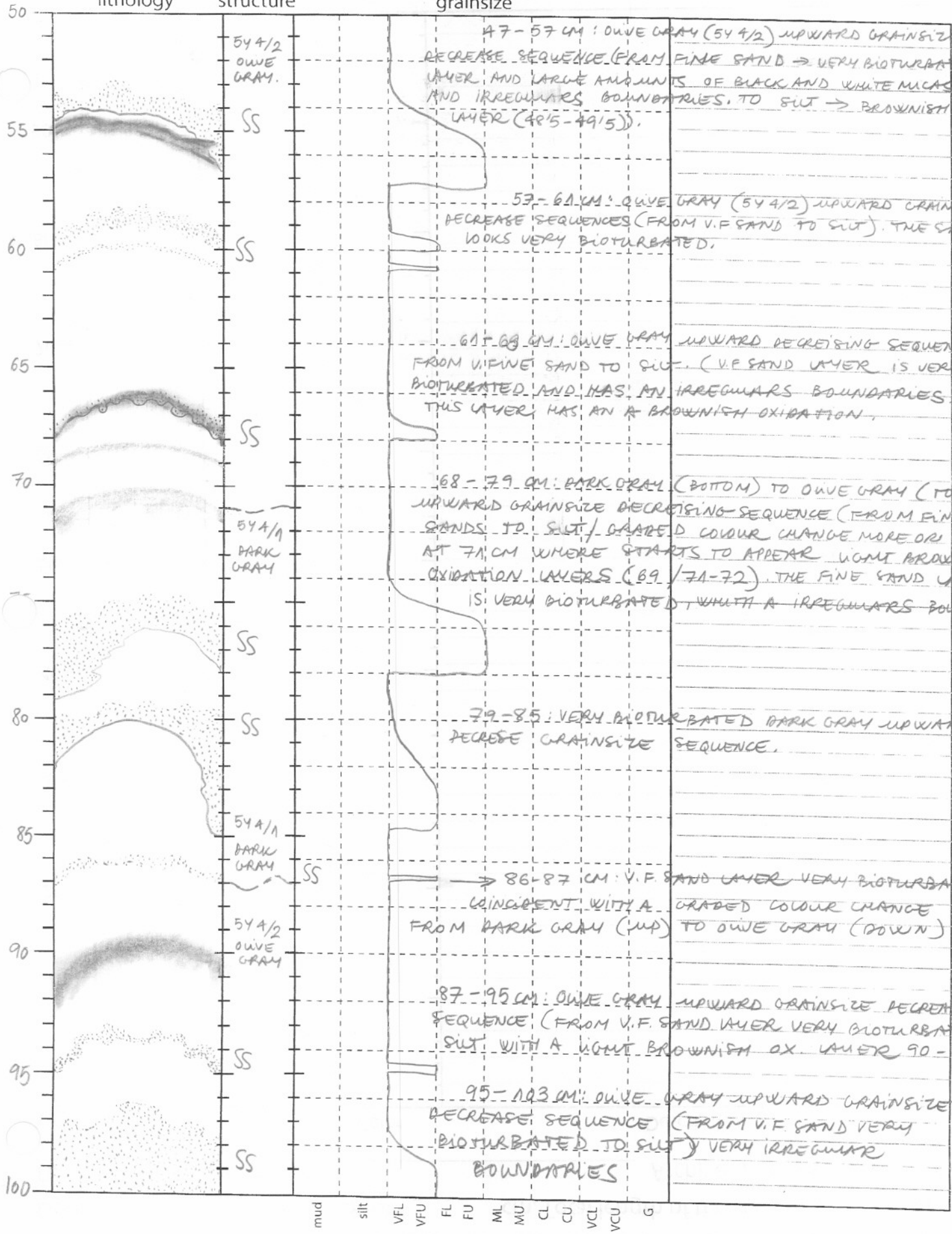
CORE LOG Core No. RR0705-105 PC Section No. 1 OF 2 (0-151 CM) sheet 1 of 6

Date 11/06/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-105PC Section No. 1 sheet 2 of 6

Date 11/05/07 Described by ZORAIDA Archive/Working



47 - 57 CM : OLIVE GRAY (5Y 4/2) UPWARD GRAINSIZE DECREASE SEQUENCE (FROM FINE SAND → VERY BIOTURBATED LAYER AND LARGE AMOUNTS OF BLACK AND WHITE MICAS, AND IRREGULARS BOUNDARIES. TO SILT → BROWNISH OX. LAYER (48'5 - 49'5)).

57 - 61 CM : OLIVE GRAY (5Y 4/2) UPWARD GRAINSIZE DECREASE SEQUENCES (FROM V.F SAND TO SILT). THE SANDS LOOKS VERY BIOTURBATED.

61 - 68 CM : OLIVE GRAY UPWARD DECREISING SEQUENCE FROM V. FINE SAND TO SILT. (V.F SAND LAYER IS VERY BIOTURBATED AND HAS AN IRREGULARS BOUNDARIES. THIS LAYER HAS AN A BROWNISH OXIDATION.

68 - 79 CM : DARK GRAY (BOTTOM) TO OLIVE GRAY (TOP) UPWARD GRAINSIZE DECREISING SEQUENCE (FROM FINE SANDS TO SILT / GRADED COLOUR CHANGE MORE OR LESS AT 71 CM WHERE STARTS TO APPEAR LIGHT BROWNISH OXIDATION LAYERS (69 / 71-72). THE FINE SAND LAYER IS VERY BIOTURBATED, WHITH A IRREGULARS BOUNDARIES.

79 - 85 : VERY BIOTURBATED DARK GRAY UPWARD DECREASE GRAINSIZE SEQUENCE.

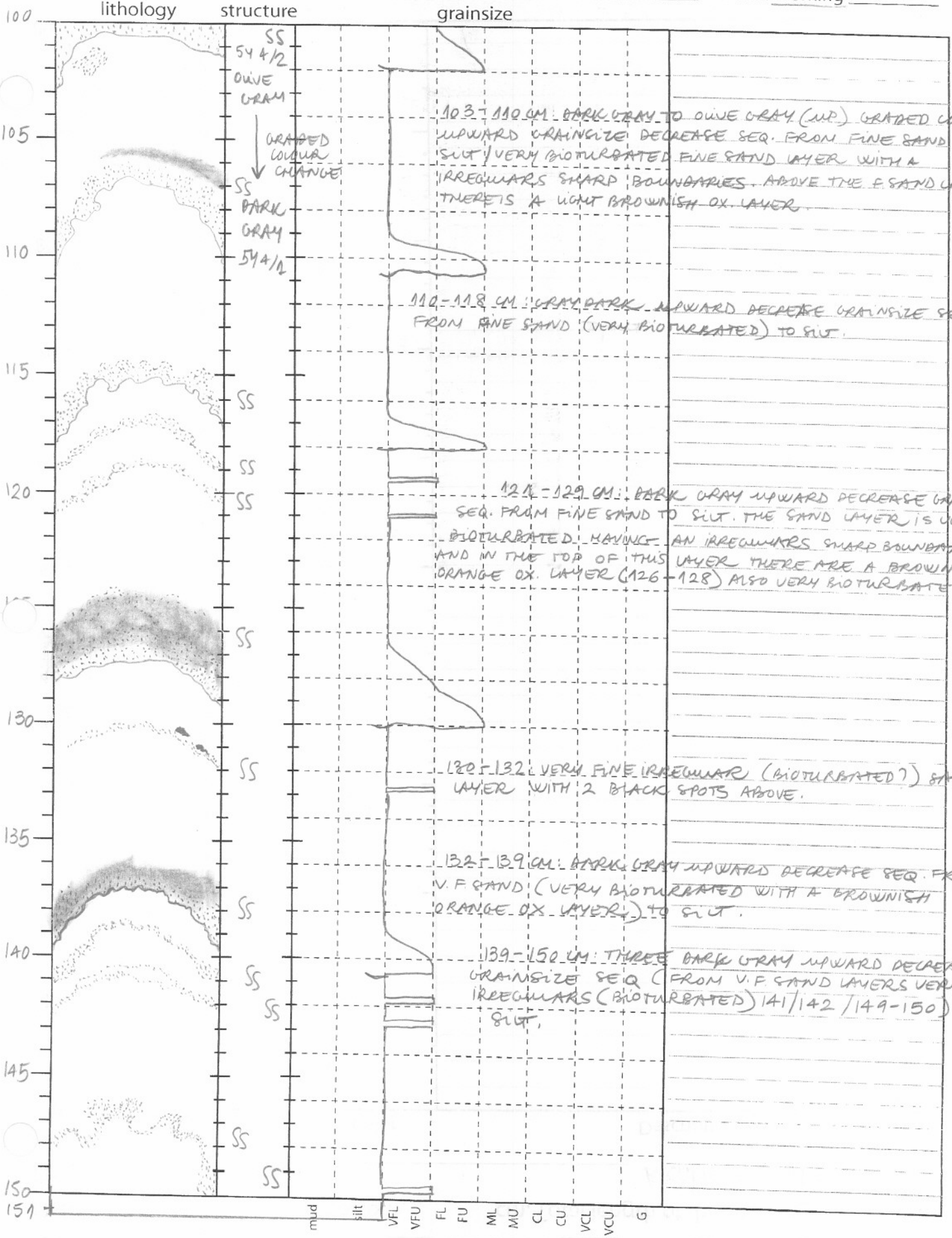
→ 86 - 87 CM : V.F SAND LAYER VERY BIOTURBATED GRADED COLOUR CHANGE FROM DARK GRAY (UP) TO OLIVE GRAY (DOWN) CONSISTENT WITH A

87 - 95 CM : OLIVE GRAY UPWARD GRAINSIZE DECREASE SEQUENCE (FROM V.F SAND LAYER VERY BIOTURBATED TO SILT WITH A LIGHT BROWNISH OX. LAYER 90 - 92).

95 - 103 CM : OLIVE GRAY UPWARD GRAINSIZE DECREASE SEQUENCE (FROM V.F SAND VERY BIOTURBATED TO SILT) VERY IRREGULAR BOUNDARIES

CORE LOG Core No. RR0705-105PC Section No. 1 sheet 3 of 6

Date 11/06/07 Described by ZORAIDA Archive/Working



103-110 CM: DARK GRAY TO OLIVE GRAY (UP) GRADED COLOUR UPWARD GRAINSIZE DECREASE SEQ. FROM FINE SAND TO SILT / VERY BIOTURBATED FINE SAND LAYER WITH A IRREGULARS SHARP BOUNDARIES. ABOVE THE F SAND LAYER THERE IS A LIGHT BROWNISH OX. LAYER.

110-118 CM: GRAY DARK UPWARD DECREASE GRAINSIZE SEQ FROM FINE SAND (VERY BIOTURBATED) TO SILT.

121-129 CM: DARK GRAY UPWARD DECREASE GRAINSIZE SEQ. FROM FINE SAND TO SILT. THE SAND LAYER IS VERY BIOTURBATED. HAVING AN IRREGULARS SHARP BOUNDARIES AND IN THE TOP OF THIS LAYER THERE ARE A BROWNISH ORANGE OX. LAYER (126-128) ALSO VERY BIOTURBATED

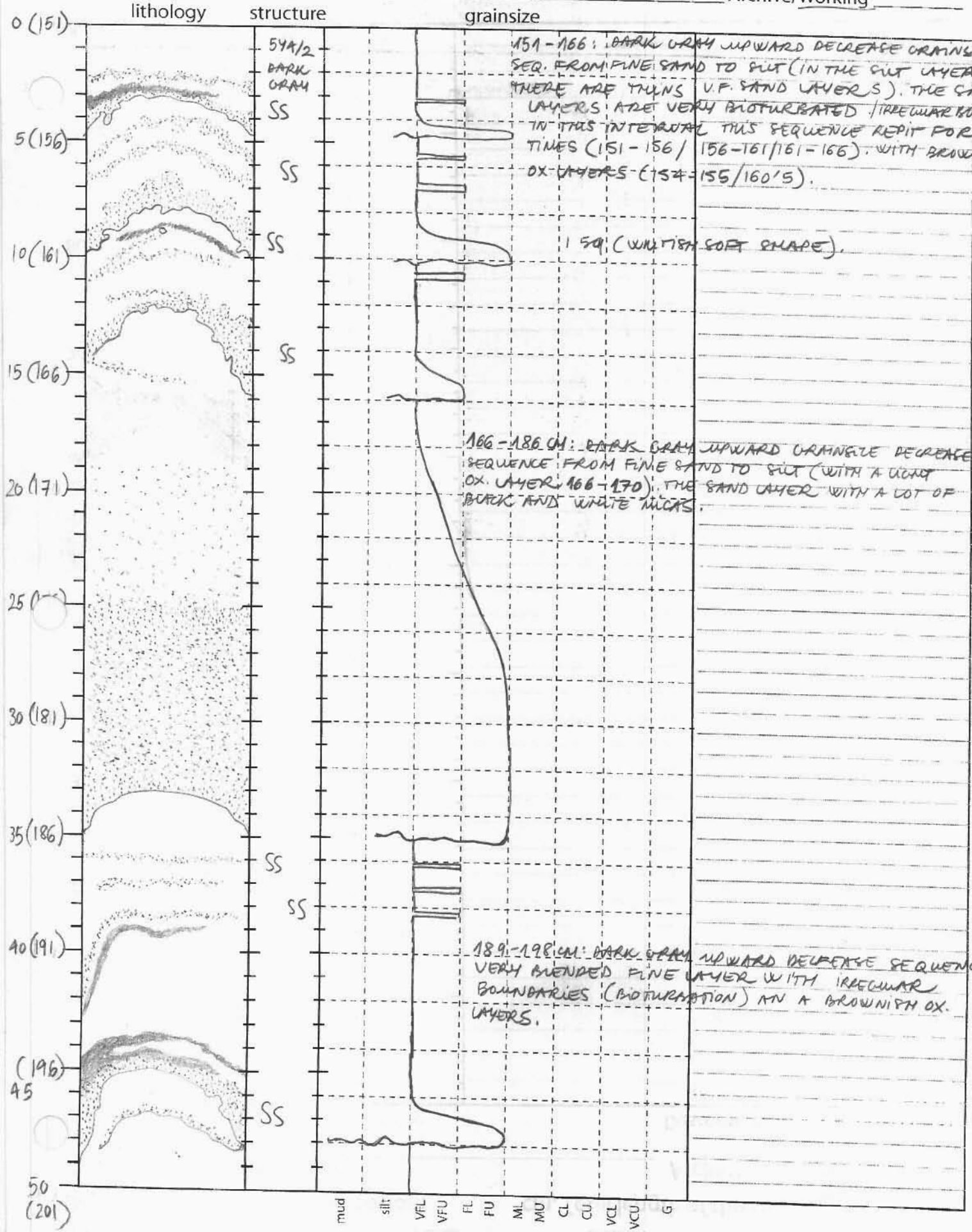
130-132: VERY FINE IRREGULAR (BIOTURBATED?) SAND LAYER WITH 2 BLACK SPOTS ABOVE.

132-139 CM: DARK GRAY UPWARD DECREASE SEQ. FROM V. F SAND (VERY BIOTURBATED WITH A BROWNISH ORANGE OX LAYER) TO SILT.

139-150 CM: THREE DARK GRAY UPWARD DECREASE GRAINSIZE SEQ (FROM V.F SAND LAYERS VERY IRREGULARS (BIOTURBATED) 141/142/149-150) TO SILT.

CORE LOG Core No. RR0705-105 PC Section No. 2 OF 2 sheet 4 of 6

Date 11/06/07 Described by ZORAIDA Archive/Working



151-166: DARK GRAY UPWARD DECREASE GRAINSIZE SEQ. FROM FINE SAND TO SILT (IN THE SILT LAYER THERE ARE THINS V.F. SAND LAYERS). THE SAND LAYERS ARE VERY BIOTURBATED / IRREGULAR BOUNDARIES IN THIS INTERVAL THIS SEQUENCE REPIT FOR 3 TIMES (151-156/ 156-161/161-166). WITH BROWNISH OX. LAYERS (154-155/160'5).

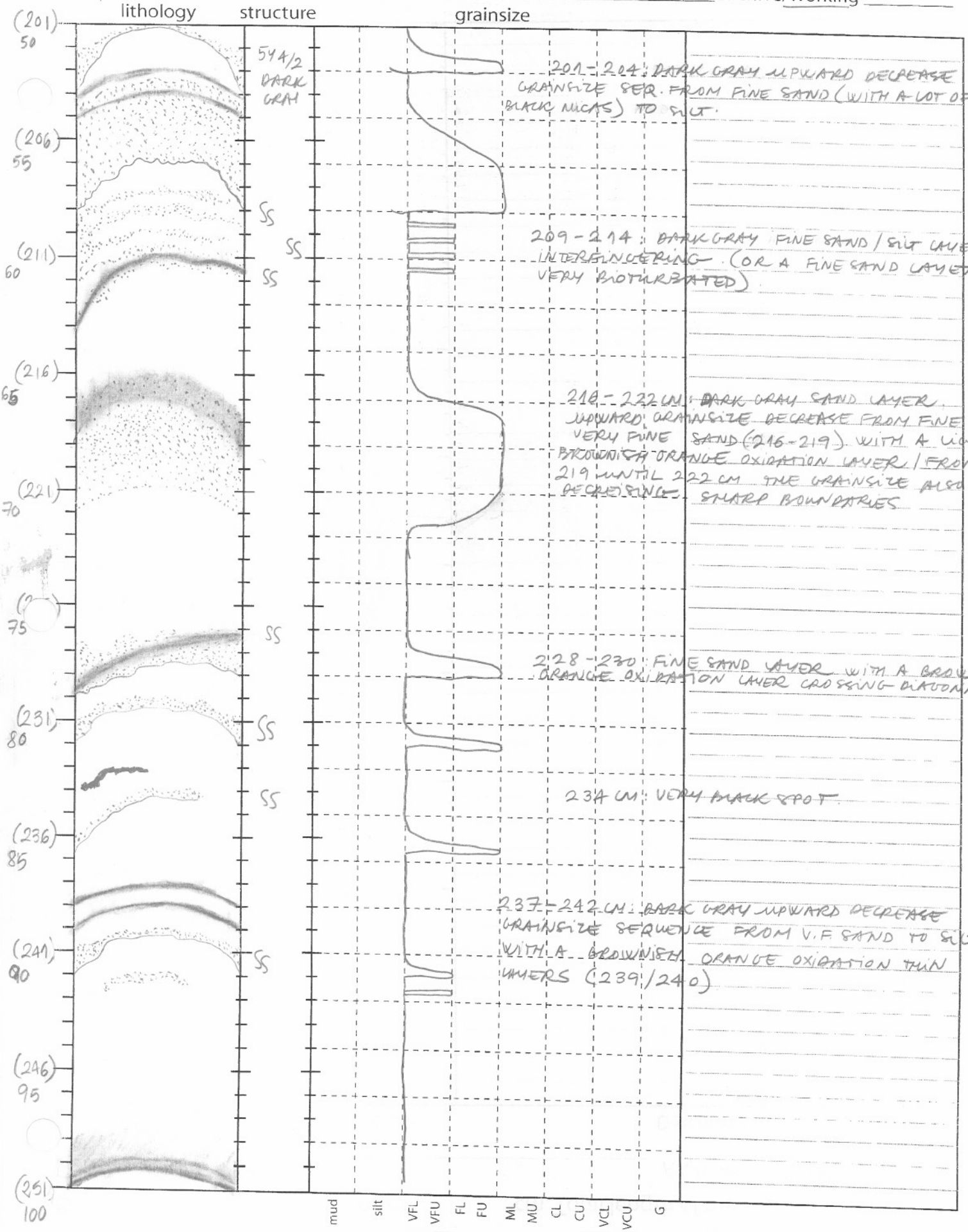
159 (WAVY SOFT SHAPE).

166-186 CM: DARK GRAY UPWARD GRAINSIZE DECREASE SEQUENCE FROM FINE SAND TO SILT (WITH A LIGHT OX. LAYER 166-170). THE SAND LAYER WITH A LOT OF BLACK AND WHITE MICAS.

189-198 CM: DARK GRAY UPWARD DECREASE SEQUENCE VERY BLENDED FINE LAYER WITH IRREGULAR BOUNDARIES (BIOTURBATION) AN A BROWNISH OX. LAYERS.

CORE LOG Core No. RR0705-105PC Section No. 2 sheet 5 of 6

Date 11/06/07 Described by ZORAIDA Archive/Working



201 - 204: DARK GRAY UPWARD DECREASE GRAINSIZE SEQ. FROM FINE SAND (WITH A LOT OF BLACK MICAS) TO SILT.

209 - 214: DARK GRAY FINE SAND / SILT LAYERS INTERFINGERING (OR A FINE SAND LAYER VERY BIOTURBATED)

216 - 222 CM: DARK GRAY SAND LAYER, UPWARD GRAINSIZE DECREASE FROM FINE TO VERY FINE SAND (216-219). WITH A LIGHT BROWNISH ORANGE OXIDATION LAYER / FROM 219 UNTIL 222 CM THE GRAINSIZE ALSO IS DECREASING. SHARP BOUNDARIES

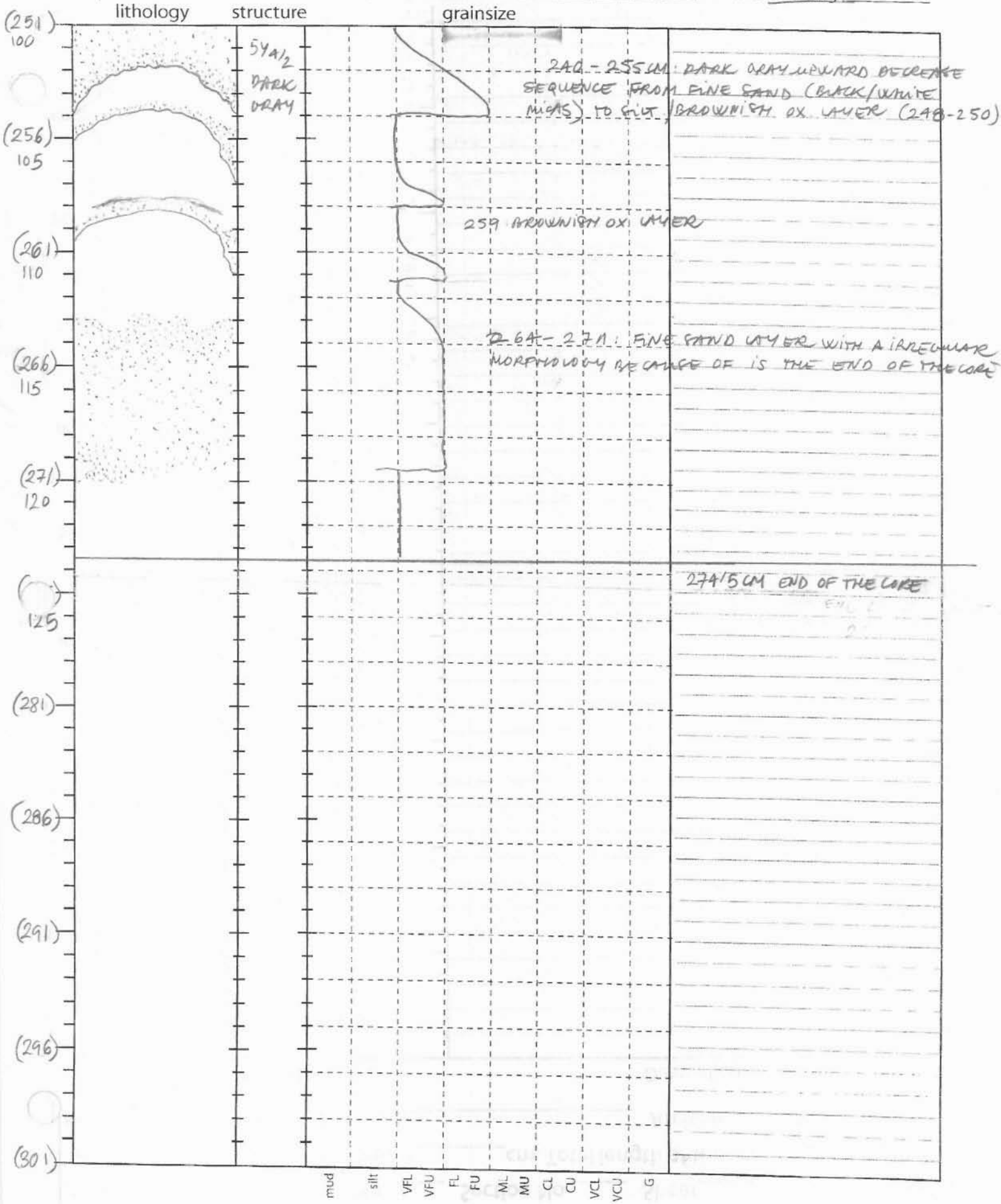
228 - 230: FINE SAND LAYER WITH A BROWNISH ORANGE OXIDATION LAYER CROSSING DIAGONAL

234 CM: VERY BLACK SPOT

237 - 242 CM: DARK GRAY UPWARD DECREASE GRAINSIZE SEQUENCE FROM V.F SAND TO SILT. WITH A BROWNISH ORANGE OXIDATION THIN LAYERS (239 / 240)

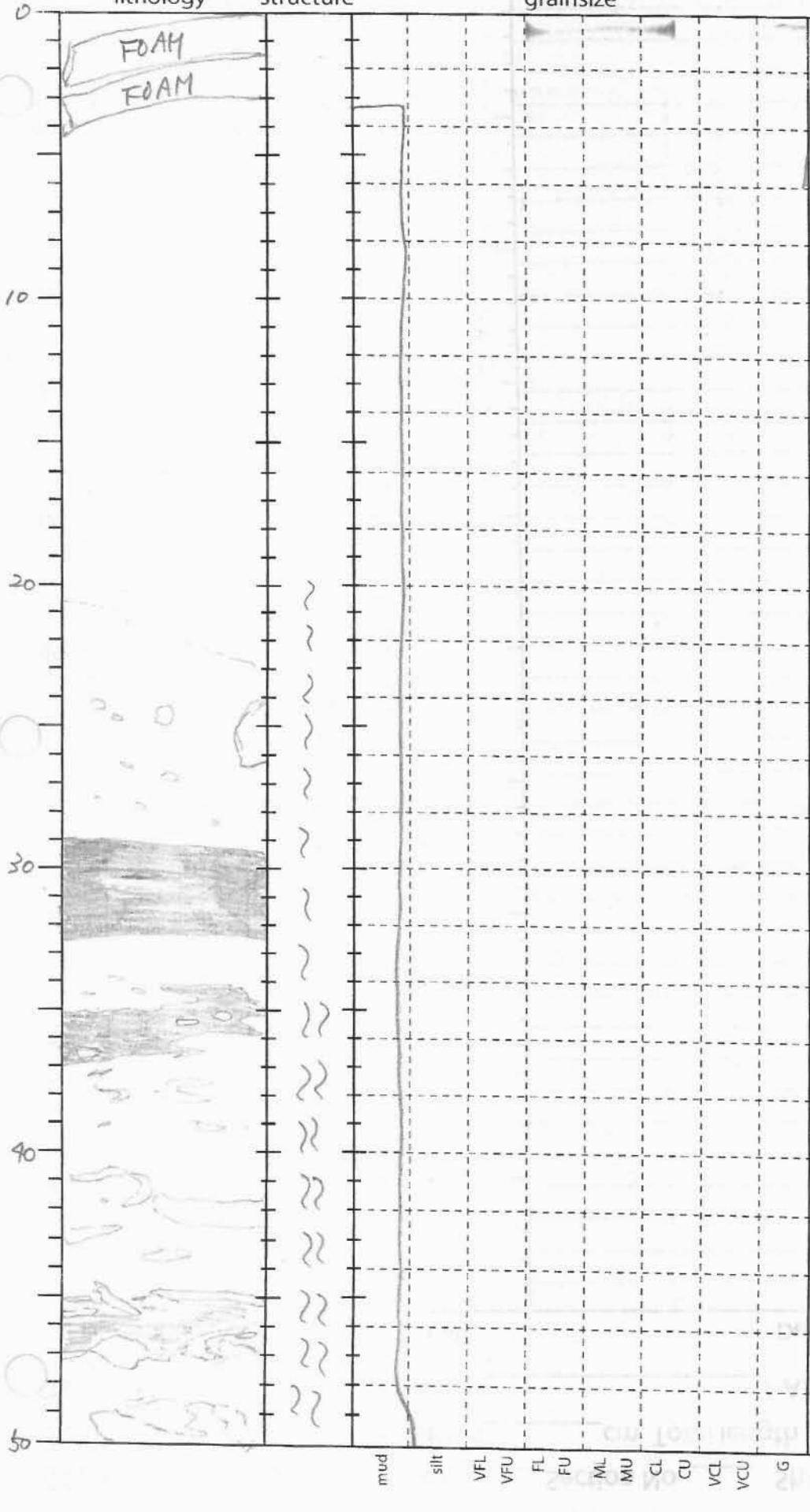
CORE LOG Core No. RR0705-105PC Section No. 2 sheet 6 of 6

Date 11/06/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-106TC Section No. 1/2 sheet 1 of 2

Date 12/06/2007 Described by Ken Archive/Working



0-3.5cm: void (FOAM)

3.5-29.5cm: 10YR5/2 calcareous clay foram bearing with brown oxidized layer bioturbated

29-32.5cm: brown oxidized layer (10YR3/2)

34-37cm: brown oxidized layer (10YR3/2)

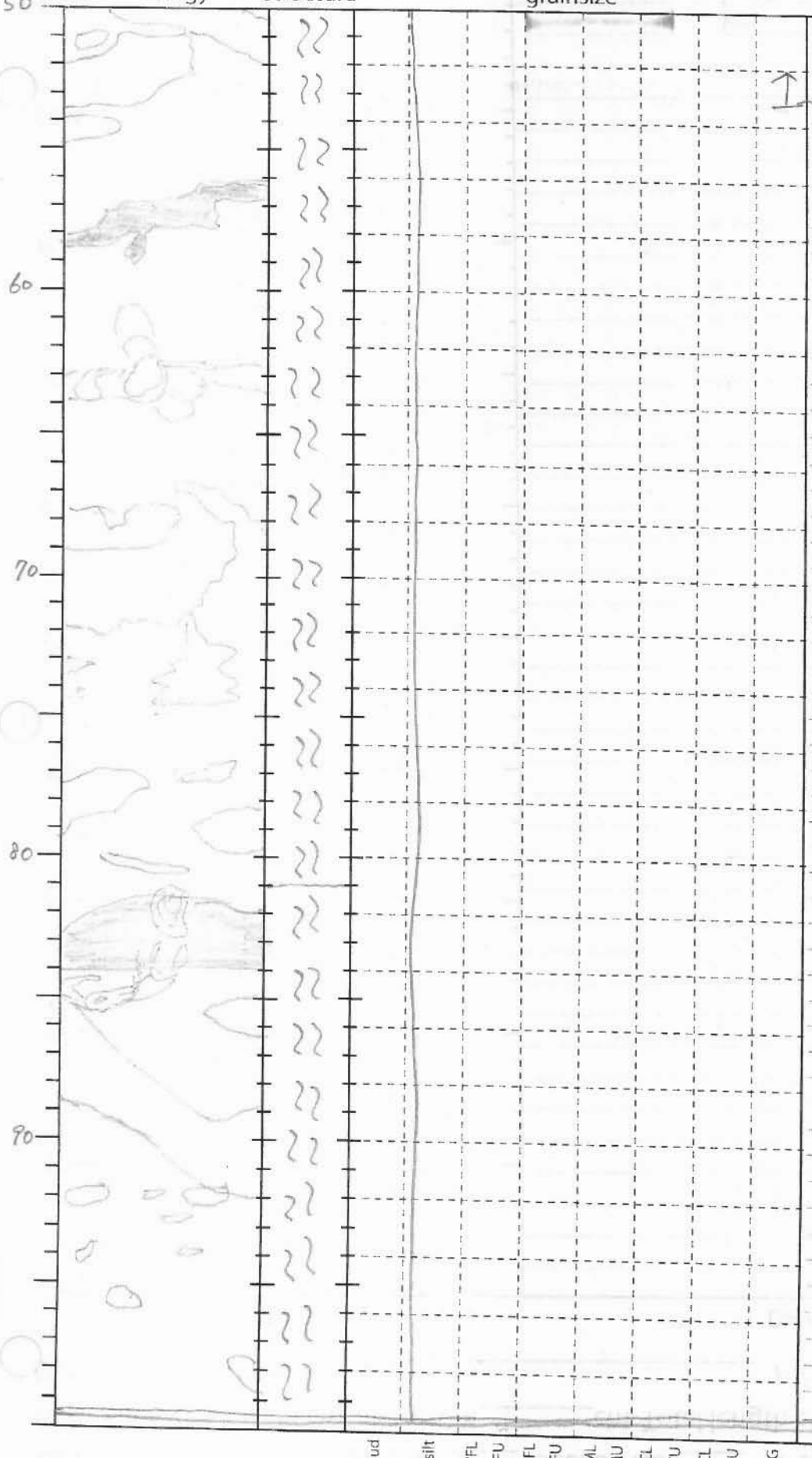
25-47.5cm: 10YR4/2 brown oxidized layer

49.5-81cm: 2.5Y4/2 clayey silt foram rich lightly bioturbated

upper boundary irregular, bioturbated and gradual

CORE LOG Core No. RR0705-106TC Section No. 1/2 sheet 2 of 2

Date 12/06/2007 Described by Ken Archive/Working



-81cm: 2.5Y4/2 clayey silt
foram rich
highly bioturbated

burrows mainly 2.5Y4/1

56.8-58.7cm: 10YR3/2 burrow

burrows mainly 2.5Y5/2

81-99.4cm: 2.5Y5/2 clayey silt
foram rich
highly bioturbated

81.5-84.2: 10YR4/2 burrow?

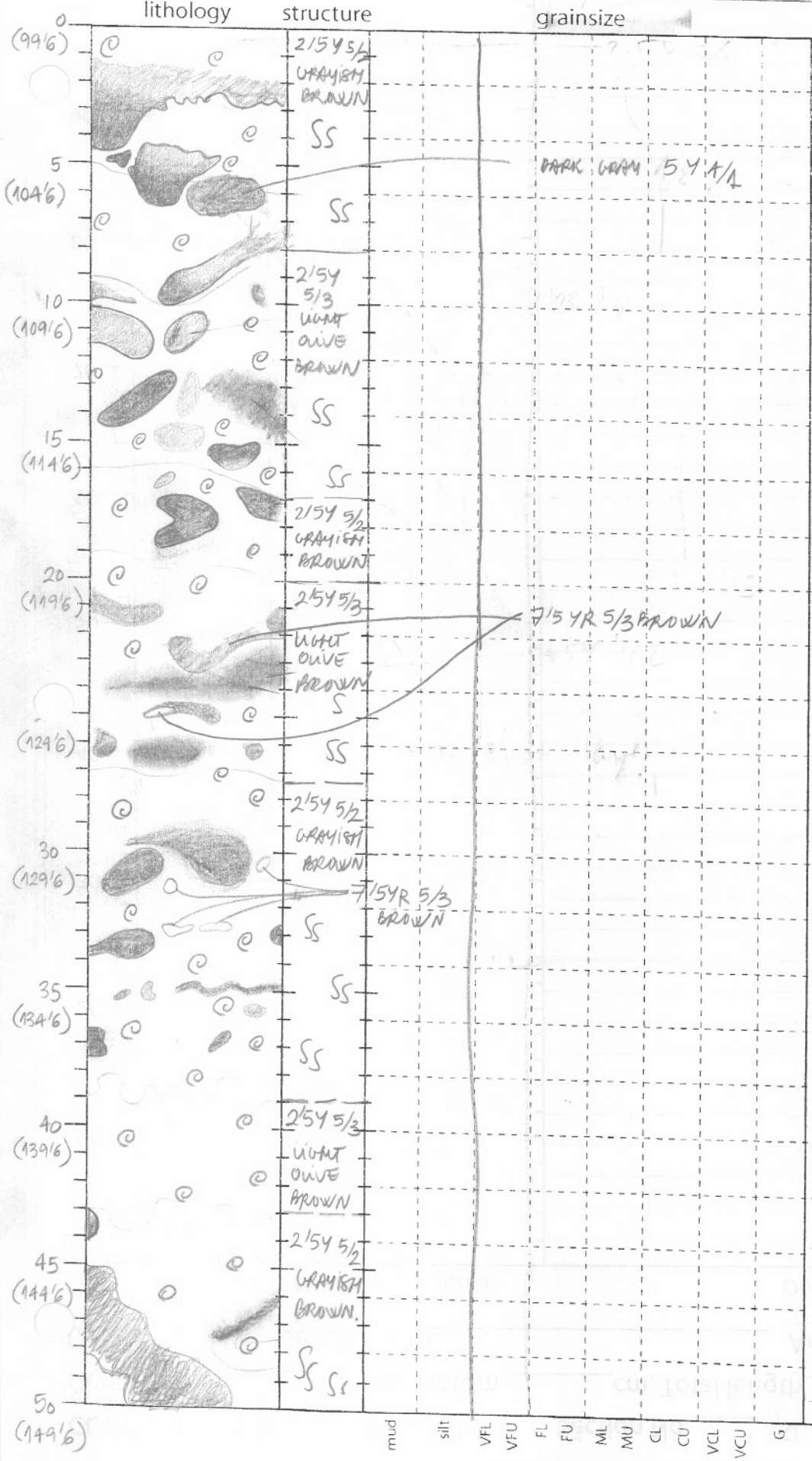
burrows mainly 2.5Y4/2

99.4cm Core length

99.6cm MST length

CORE LOG Core No. BR0705-106TG Section No. 2 (99'6-245'2CM.) sheet 1 of 3

Date 13/06/07 Described by ZORAIDA Archive/Working



SILT SEQUENCE WITH A BROWNISH COLOURATION AND A MARKED MOTTLED COLOUR CHANGES. THIS SILT LAYER IS VERY BIOTURBATED; THE BURROWS (DARK GRAY 5Y 4/1) ARE VERY CLEARS IN A SEQUENCE WITH A LOT OF FORAMS THAT CHANGE FROM LIGHT OLIVE BROWN (BOTOM) TO GRAYISH BROWN (MD) (0-18/18-28'5/28'5-43/43-93).

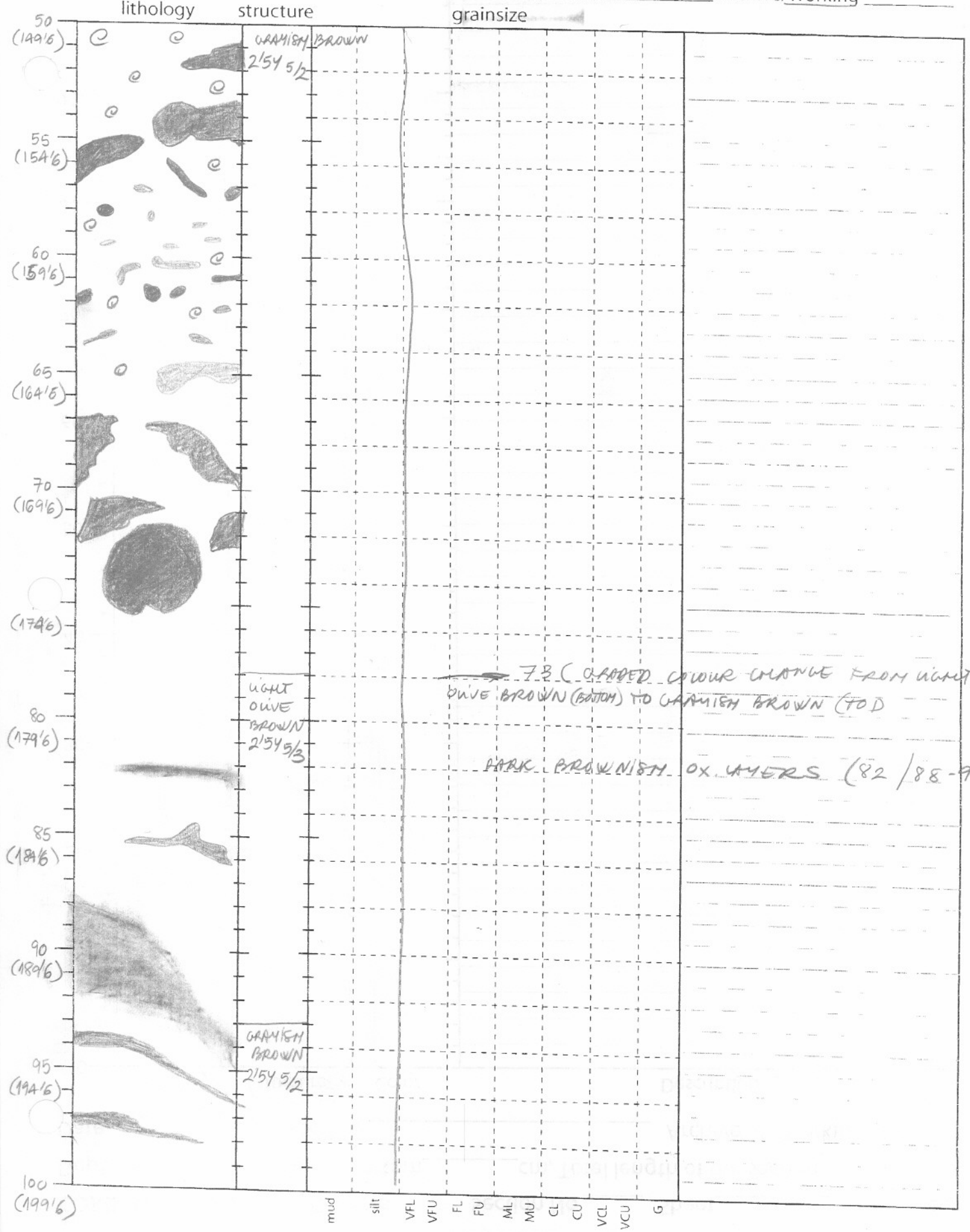
ALSO APPEARS A BROWN (7/5YR 5/3 BROWN BALLS INTO A DARK GRAY VEINS) (25/30'5/31/32).

PRESENCE OF FORAMS IN ALL THE SEQUENCE

DARK BROWNISH OX. LAYERS (13-14/22-24/46-47).

CORE LOG Core No. RR0705-106TC Section No. 2 sheet 2 of 3

Date 13/06/07 Described by ZORAIDA Archive/Working

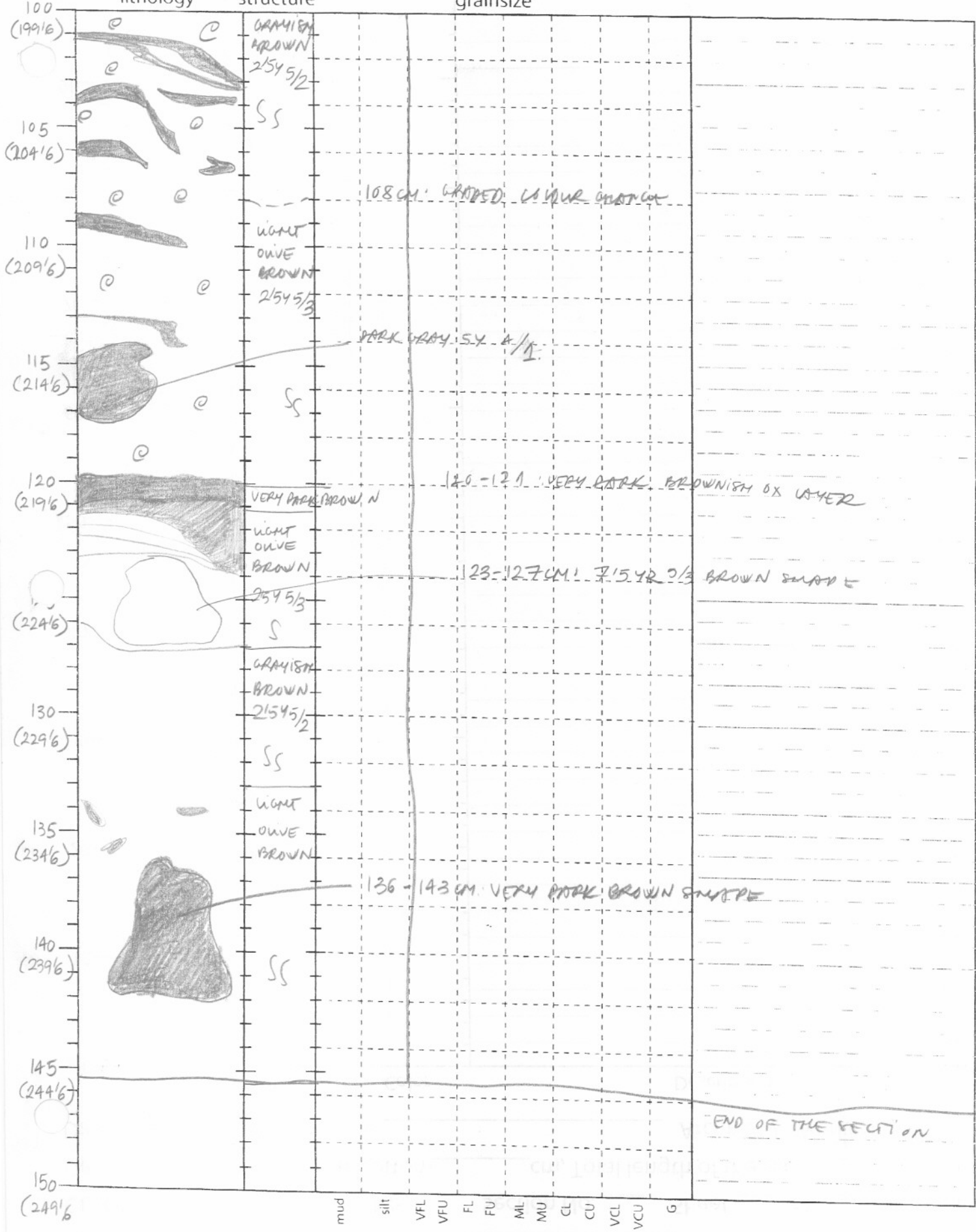


73 (GRADED COLOUR CHANGE FROM LIGHT OLIVE BROWN (BOTTOM) TO GRAYISH BROWN (TOP)

DARK BROWNISH OX. LAYERS (82/88-95)

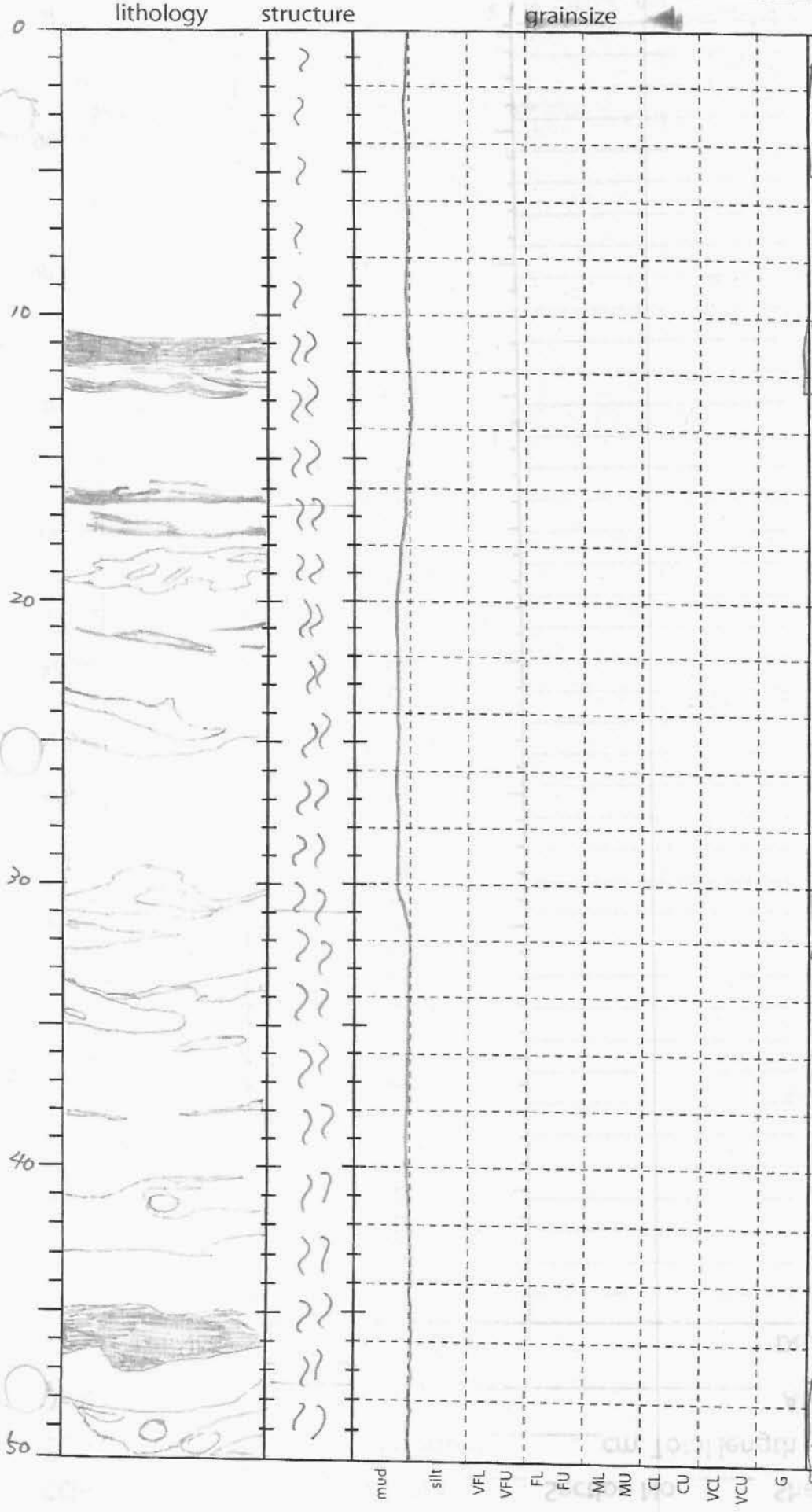
CORE LOG Core No. RR0705-106TC Section No. 2 sheet 3 of 3

Date 13/06/07 Described by ZORAIDA Archive/Working



CORE LOG Core No. RR0705-106PC Section No. 1/3 sheet 1 of 3

Date 12/06/2007 Described by Ken Archive/Working



Top: 10YR5/2 Nanno-foram ooze

0-16.5cm: 10YR5/2 calcareous ooze (nanno-foram ooze) with 10YR 3/2 layers highly bioturbated

16.5-31cm: 2.5Y4/1 silty clay with foram, highly bioturbated

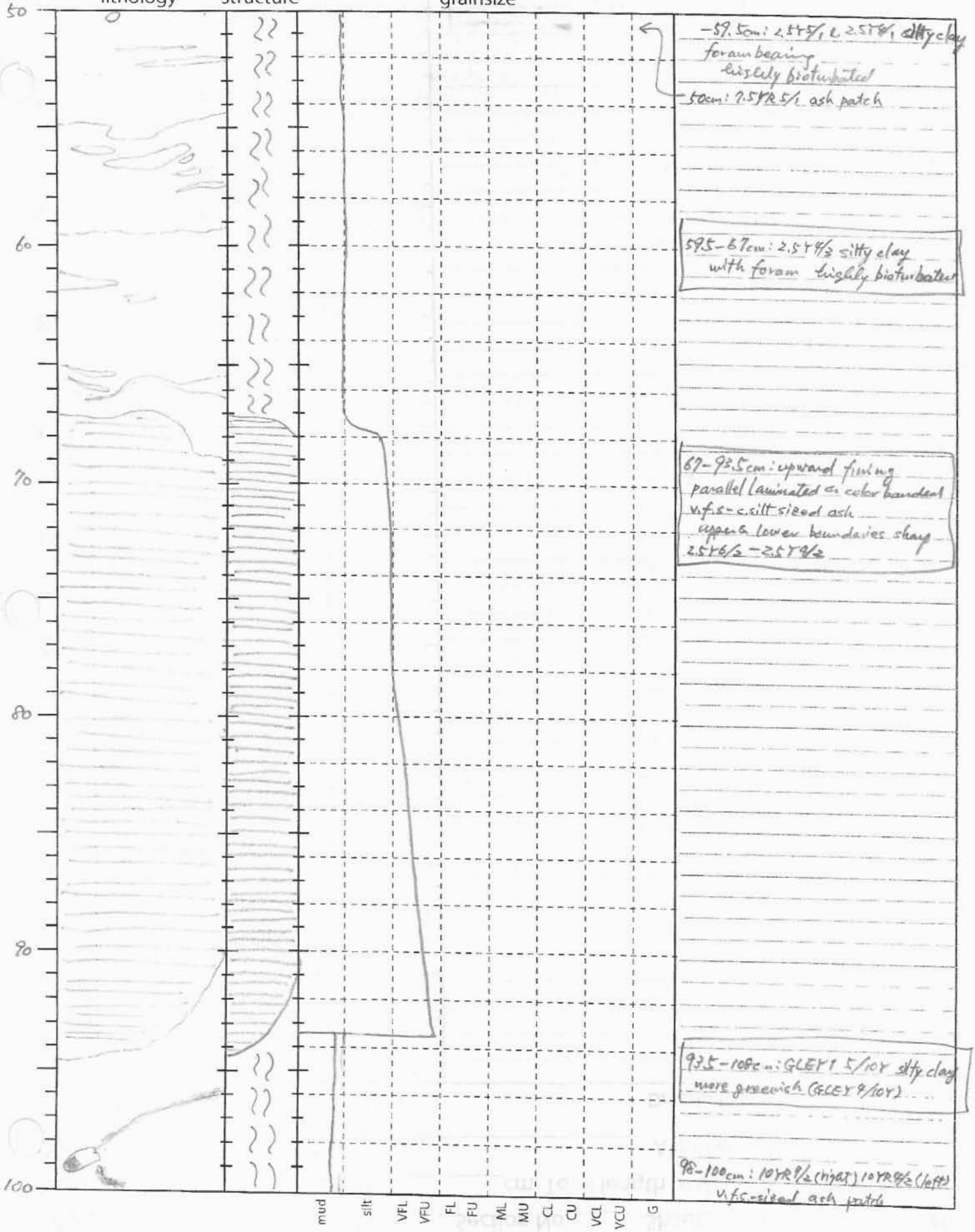
31-47.5cm: 2.5Y5/2 calcareous ooze with foram. highly bioturbated

45-47cm: 2.5Y5/2 clayey silt burrow

49.5-59.5cm: 5Y4/1 & 5Y5/1 silty clay foram bearing highly bioturbated

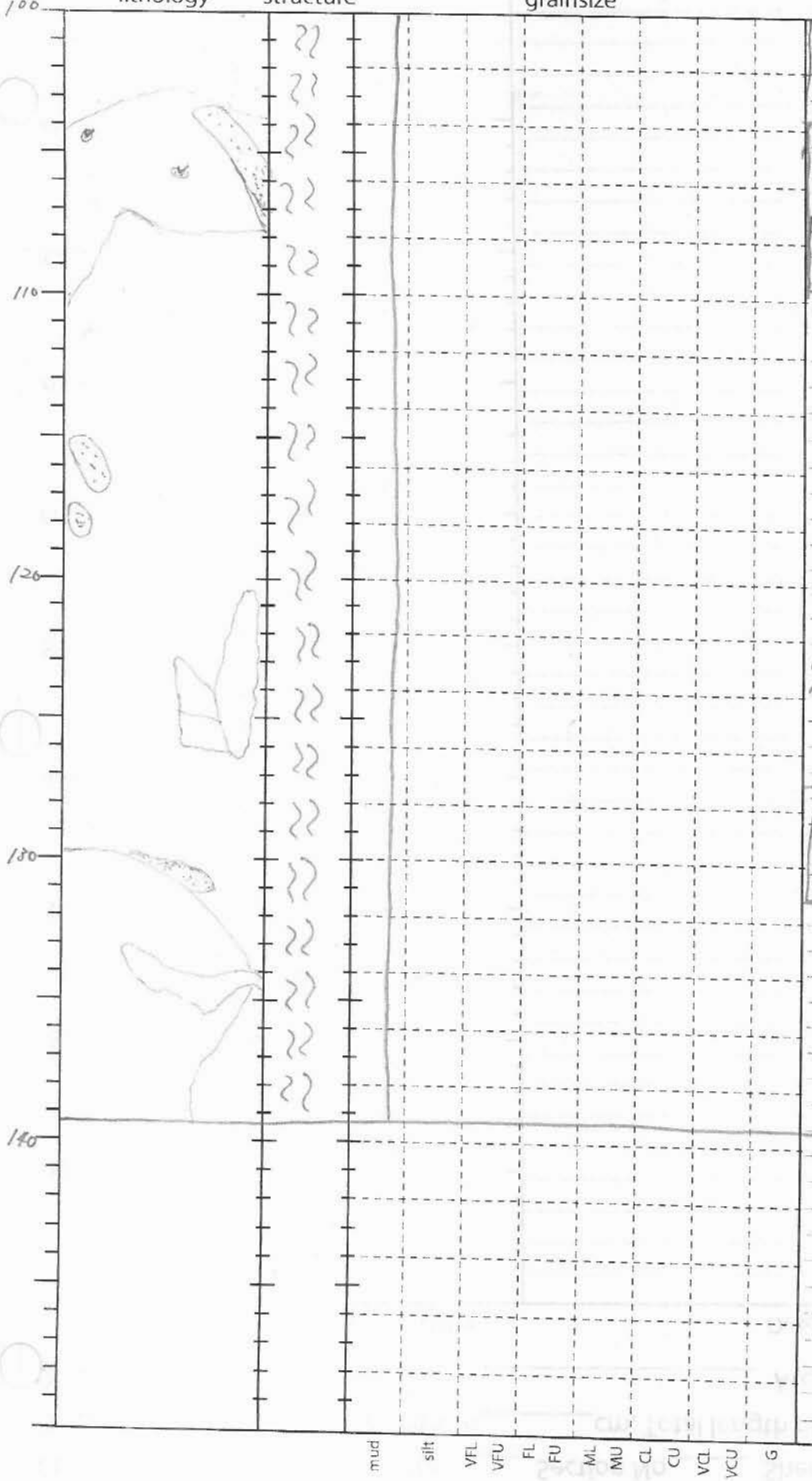
CORE LOG Core No. RR0705-106PC Section No. 1/3 sheet 2 of 3

Date 12/06/2007 Described by Ken Archive/Working



CORE LOG Core No. RR0705-106PC Section No. 1/3 sheet 3 of 3

Date 12/06/2007 Described by Ken Archive/Working



-102.7cm: GLEY1 4/10Y silty clay with foram. bioturbated

102.7-108cm: 5Y6/1 c.silt sized ash patch

103.2-107cm: GLEY1 4/10Y (lighter than upper) silty clay

107-130 cm: 5Y6/1 silty clay bioturbated with foram

115-117.2, 117.5-118.8cm: 10YR8/2 c.silt-sized ash patches

122.3-124.7: 10YR7/1 c.silt sized ash patch

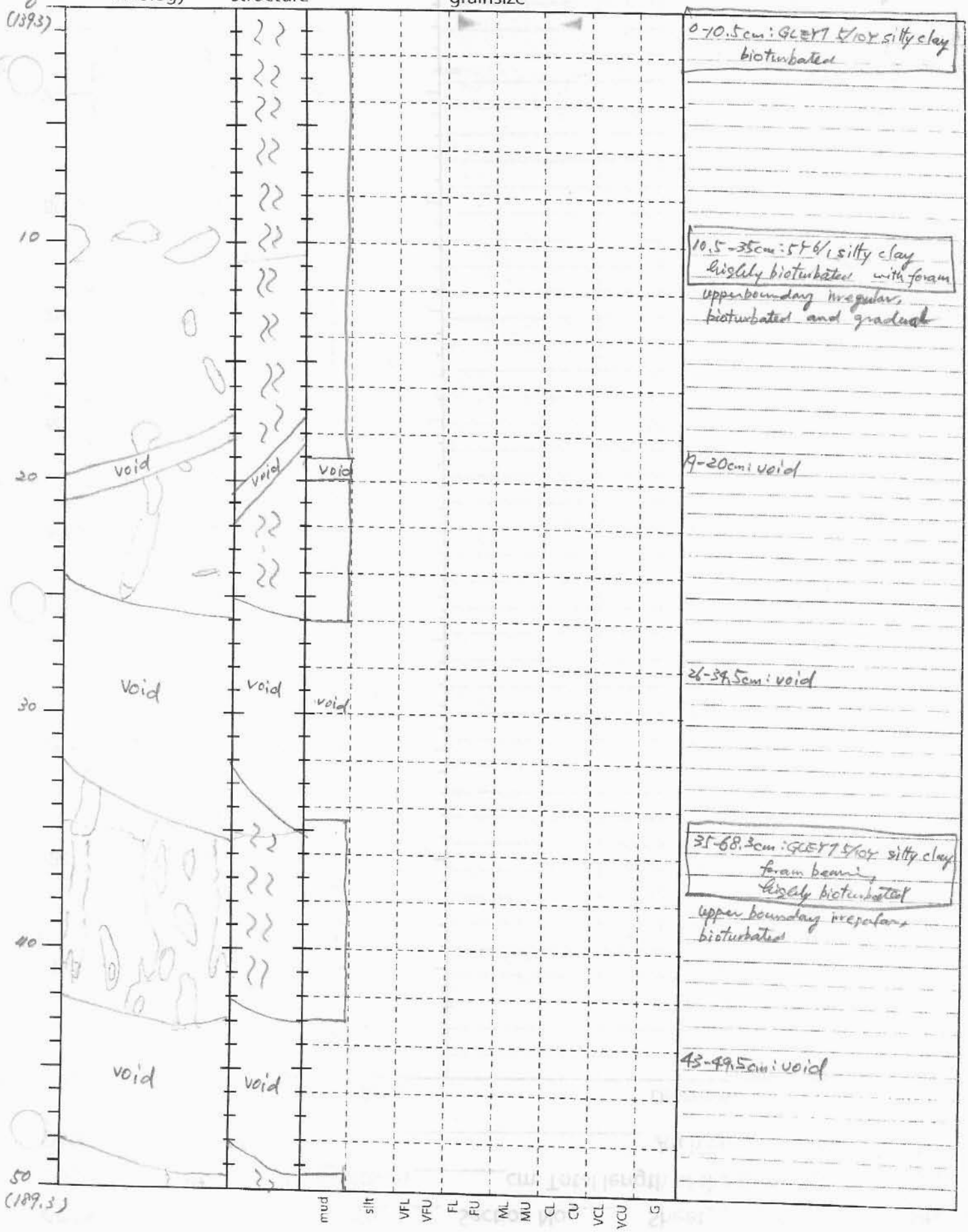
124.7-126.5: 10YR5/1 c.silt sized ash patch

130-139.3cm: GLEY1 5/10Y silty clay with foram bioturbated

139.3cm

CORE LOG Core No. RR0705-106PC Section No. 2/3 sheet 1 of 3

Date 12/06/2007 Described by Ken Archive/Working



0-10.5cm: GLEY7 5/10Y silty clay bioturbated

10.5-35cm: 5Y 6/1 silty clay
Visibly bioturbated with foram
upper boundary irregular, bioturbated and gradual

9-20cm: void

26-39.5cm: void

35-68.3cm: GLEY7 5/10Y silty clay
foram bearing
Visibly bioturbated
upper boundary irregular, bioturbated

43-49.5cm: void

CORE LOG Core No. RR0705-106PC Section No. 2/3 sheet 2 of 3

Date 12/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50 (189.3)

60

70

80

90

100 (239.3)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

-68.3cm: GLEY1 5/10Y silty clay foram bearing, highly bioturbated

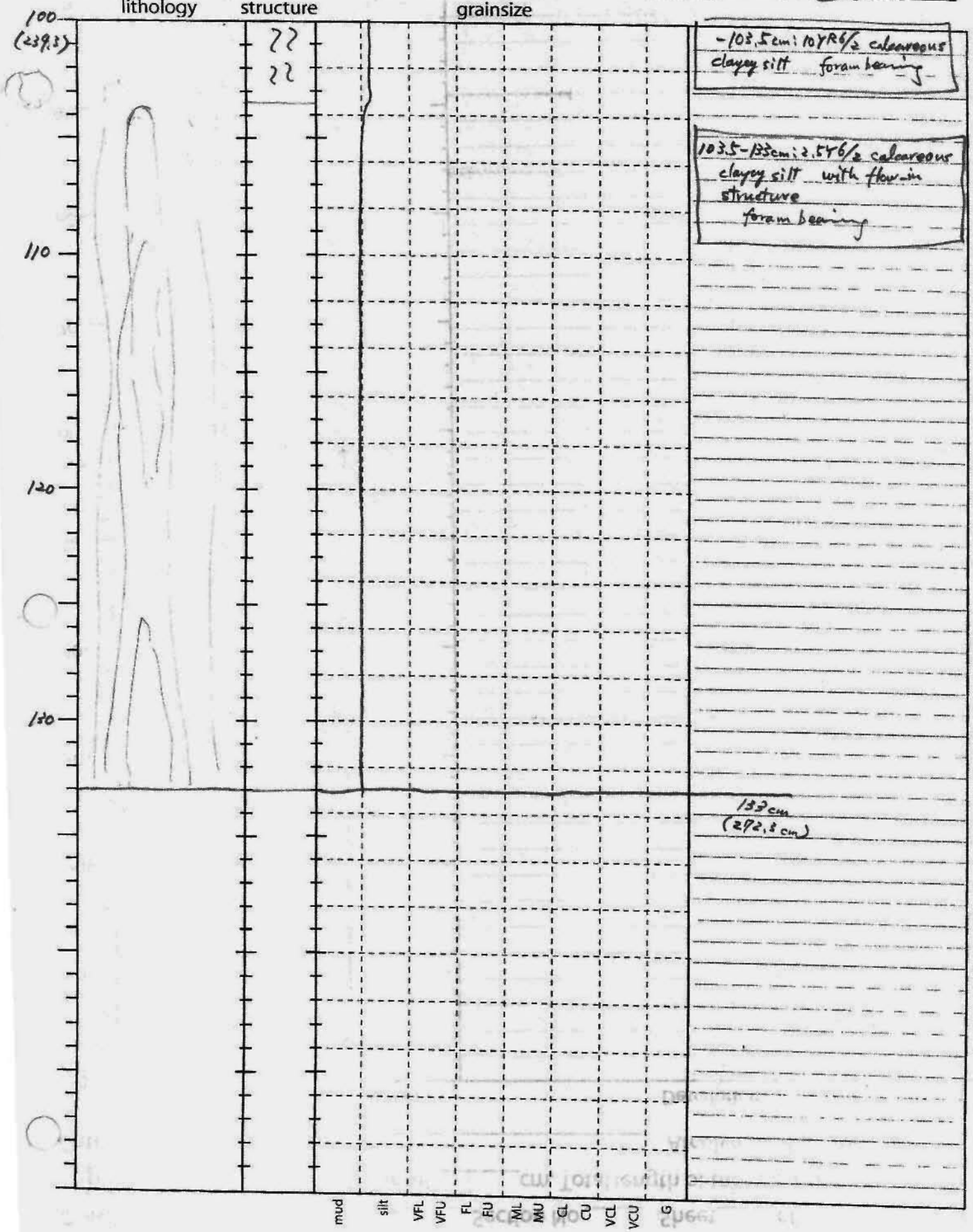
68.3-82cm: 10YR 5/2 calcareous clayey silt highly bioturbated upper boundary sharp foram bearing

82-103.5cm: 10YR 6/2 calcareous clayey silt foram bearing bioturbated & distorted

boundary irregular, bioturbated and gradual

CORE LOG Core No. RR0705-106PC Section No. 2/3 sheet 3 of 3

Date 12/06/2007 Described by Ken Archive/Working



-103.5cm: 10YR6/2 calcareous clayey silt foram bearing

103.5-133cm: 2.5Y6/2 calcareous clayey silt with flow-in structure foram bearing

133 cm
(272.8 cm)

CORE LOG Core No. RR0705-106PC Section No. 3/3 sheet 1 of 2

Date 12/06/2007 Described by Ken Archive/Working

lithology structure grainsize

0 (272.3)

10

20

30

40

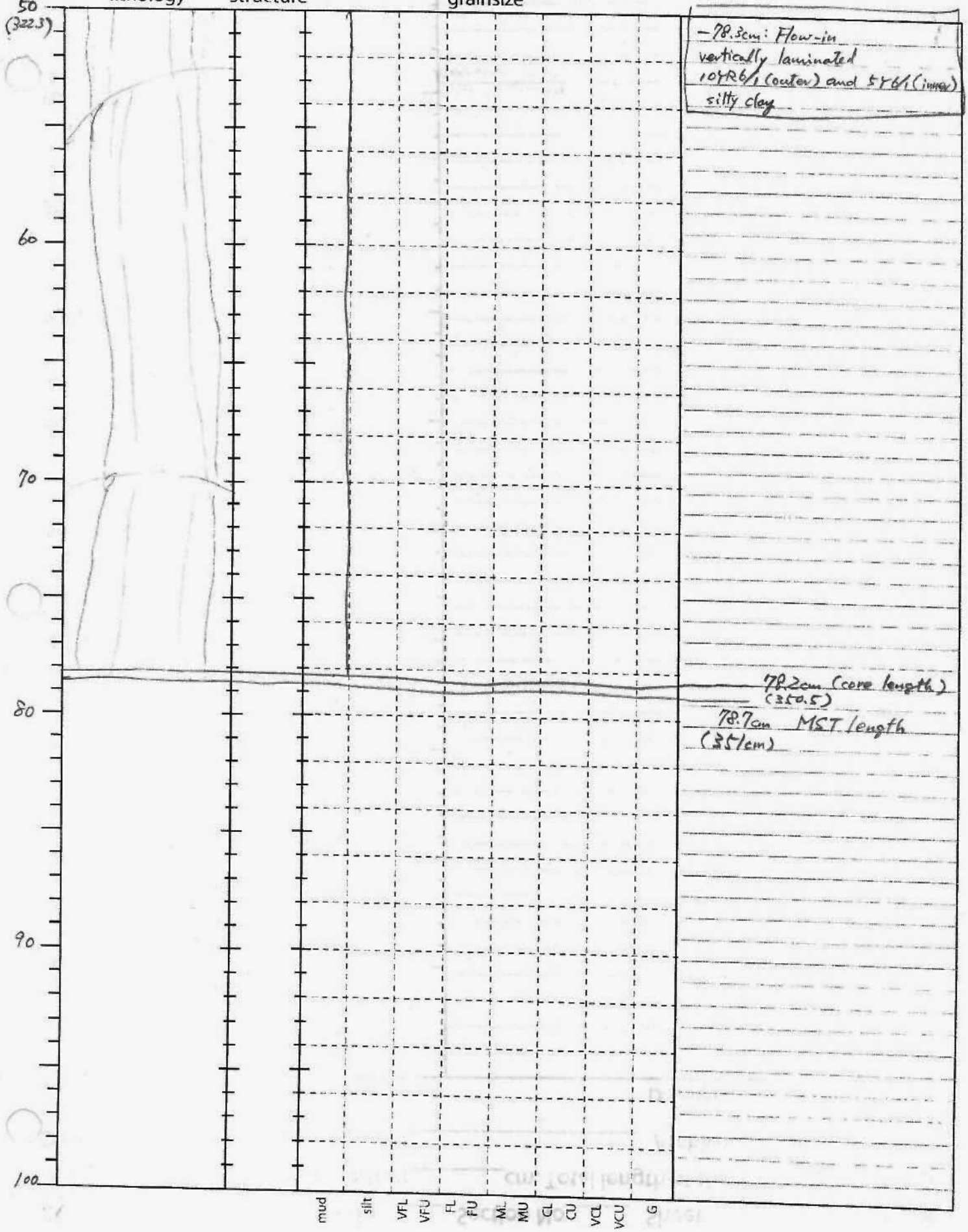
50 (322.3)

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

0-78.3cm: Flow-in vertically laminated 10YR6/1 silty clay (outer) and 5Y6/1 silty clay (inner) upper 19.5cm distorted

CORE LOG Core No. RR0705-106PC Section No. 3/3 sheet 2 of 2

Date 12/06/2007 Described by Ken Archive/Working



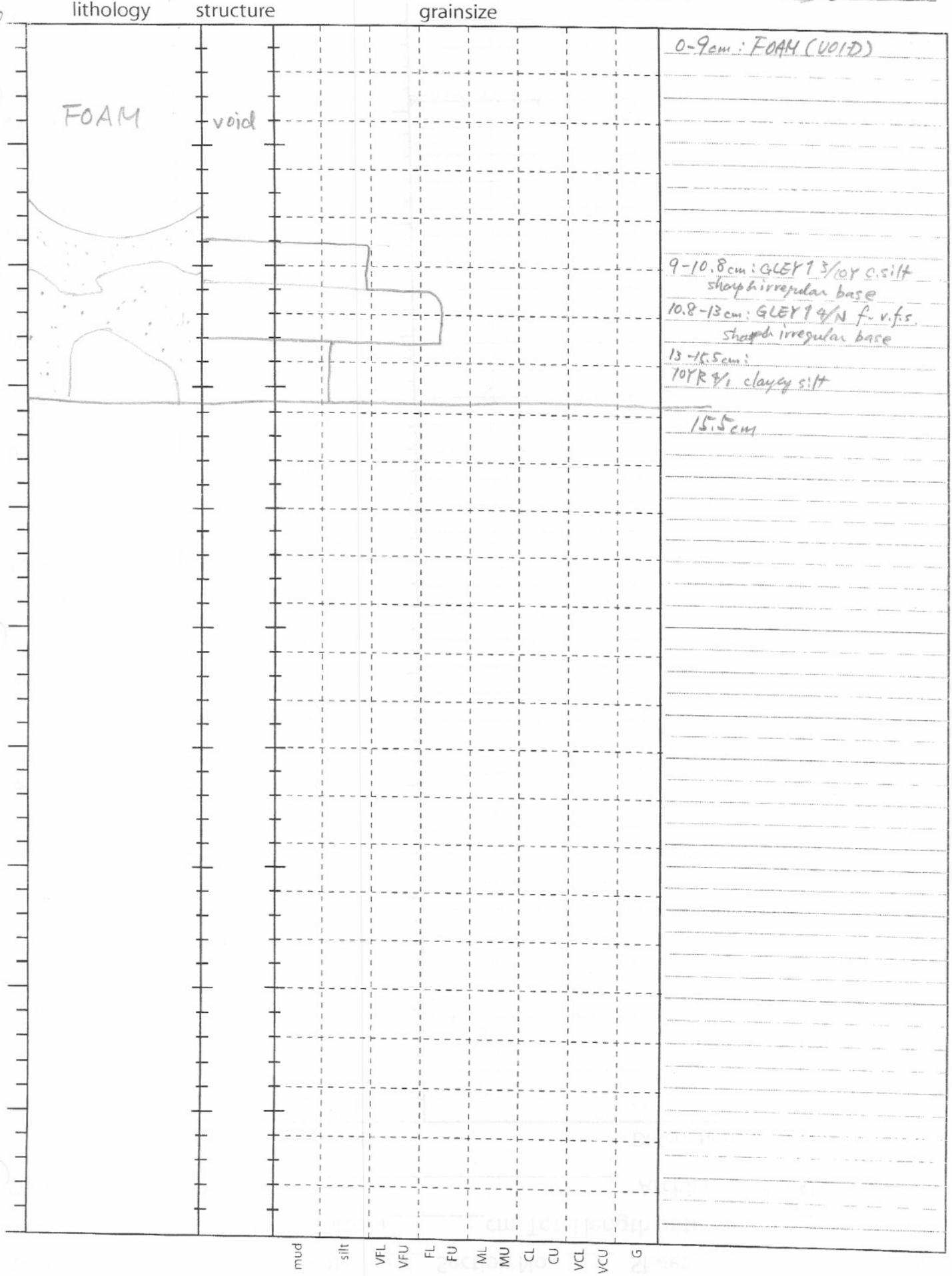
-78.5cm: Flow-in vertically laminated 10YR6/1 (outer) and 5Y6/1 (inner) silty clay

78.2cm (core length) (350.5)

78.7cm MST length (351cm)

CORE LOG Core No. RR0705-102PC Section No. 1/2 sheet 1 of 1

Date 12/06/2007 Described by Ken Archive/Working



0-9cm : FOAM (VOID)

9-10.8cm : GLEY 1 3/10Y c.silt
sharp irregular base

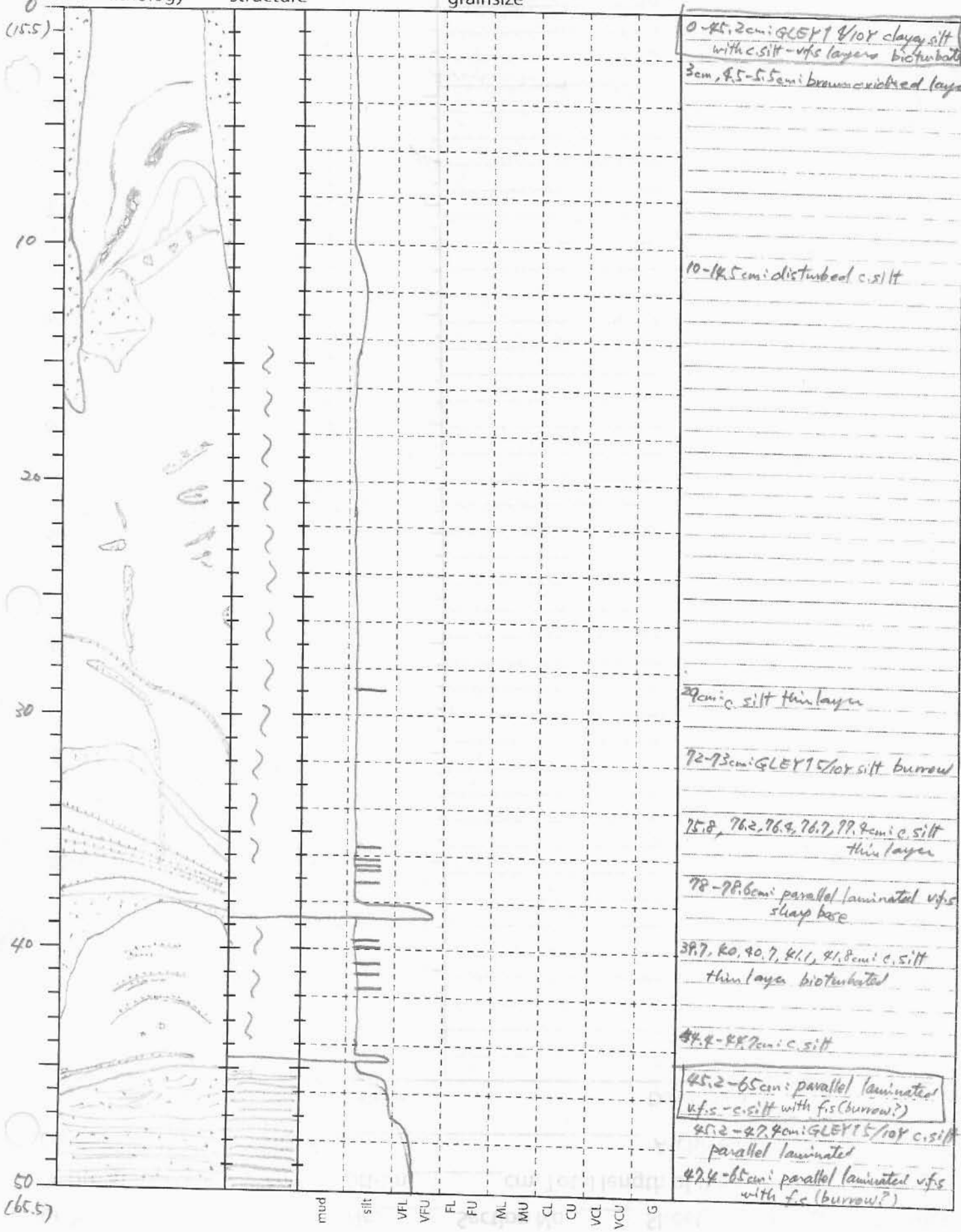
10.8-13cm : GLEY 1 4/N f.v.f.s
sharp irregular base

13-15.5cm :
10YR 4/1 clayey silt

15.5cm

CORE LOG Core No. RR0705-107PC Section No. 2/2 sheet 1 of 2

Date 12/06/2007 Described by Ken Archive/Working



0-45.2cm: GLEY1 4/10Y clayey silt with c.silt-vf.s layers bioturbated

3cm, 4.5-5.5cm: brown oxidized layer

10-14.5cm: disturbed c.silt

29cm: c.silt thin layer

72-73cm: GLEY1 5/10Y silt burrow

75.8, 76.2, 76.4, 76.7, 77.9cm: c.silt thin layer

78-78.6cm: parallel laminated v.f.s sharp base

39.7, 40, 40.7, 41.1, 41.8cm: c.silt thin layer bioturbated

44.4-44.7cm: c.silt

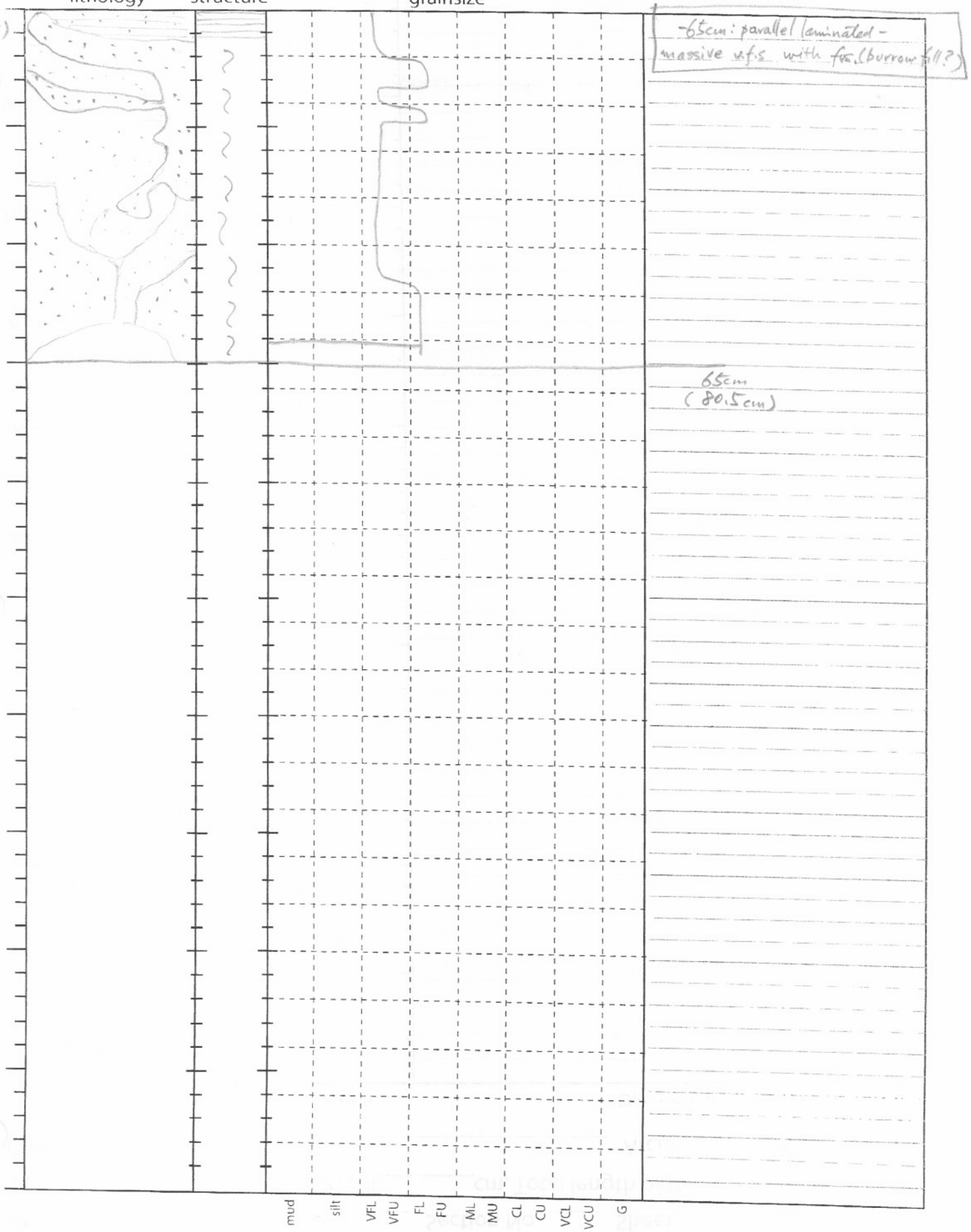
45.2-65cm: parallel laminated v.f.s-c.silt with f.s (burrow?)

45.2-47.4cm: GLEY1 5/10Y c.silt parallel laminated

47.4-65cm: parallel laminated v.f.s with f.s (burrow?)

CORE LOG Core No. RR0705-107PC Section No. 2/2 sheet 2 of 2

Date 12/06/2007 Described by Ken Archive/Working

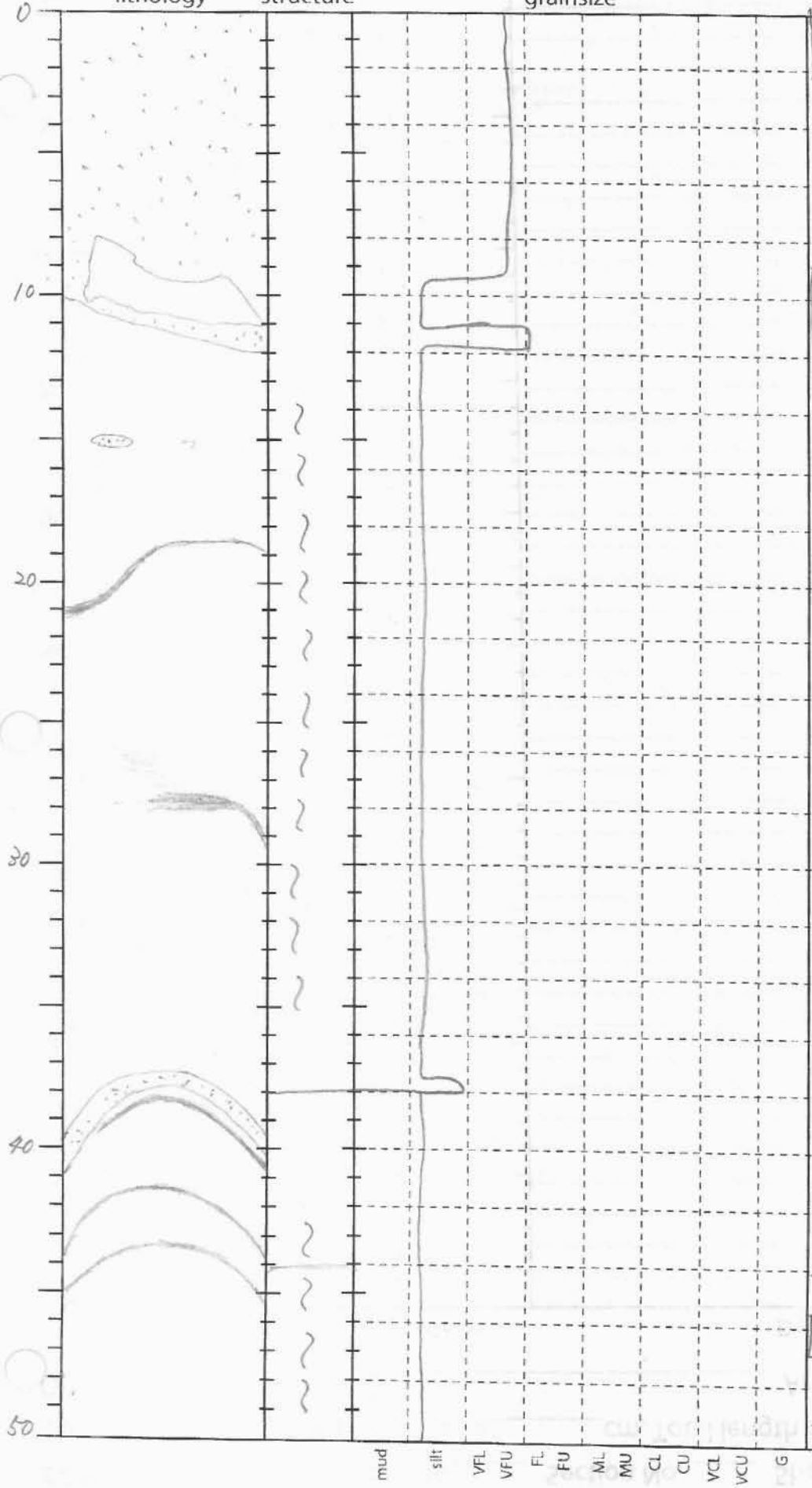


-65cm: parallel laminated - massive v.f.s with fns. (burrow fill?)

65cm
(80.5cm)

CORE LOG Core No. RR0705-108PC Section No. 1/3 sheet 1 of 2

Date 12/06/2007 Described by Ken Archive/Working



0-9.2cm: GLEY1 5/N v.f.s. mica rich

9.2-11cm: GLEY1 5/10Y c.silt (disturbance?)

11-11.8cm: GLEY1 5/10Y v.f-f.s

11.8-44cm: 2.5Y 4/1 silt with brown oxidized layers and c.silt layer. foram bearing

15cm: v.f.s. patch

18.3-18.6cm: brown oxidized layer

27.7-28.3cm: brown oxidized layer

37.5-38cm: 2.5Y 3/2 c.silt sharp top & base

39-39.2cm: light brown oxidized layer

41.5cm: light brown oxidized layer

43.5cm: light brown oxidized layer

44-100.5cm: 5Y 4/1 silt foram bearing

CORE LOG Core No. RR0705-108PC Section No. 1/3 sheet 2 of 2

Date 12/06/2007 Described by Ken Archive/Working

lithology structure grainsize

50

60

70

80

90

100

mud silt VFL VFU FL FU ML MU CL CU VCL VCU G

-100.5cm: 5Y4/1 silt foram bearing with brown oxidized layer bioturbated

50.5-51.5: light brown oxidized layer

51.5-52cm: brown oxidized layer

61cm: c. silt patch

64-64.5cm: c. silt burrow fill

c. silt burrows

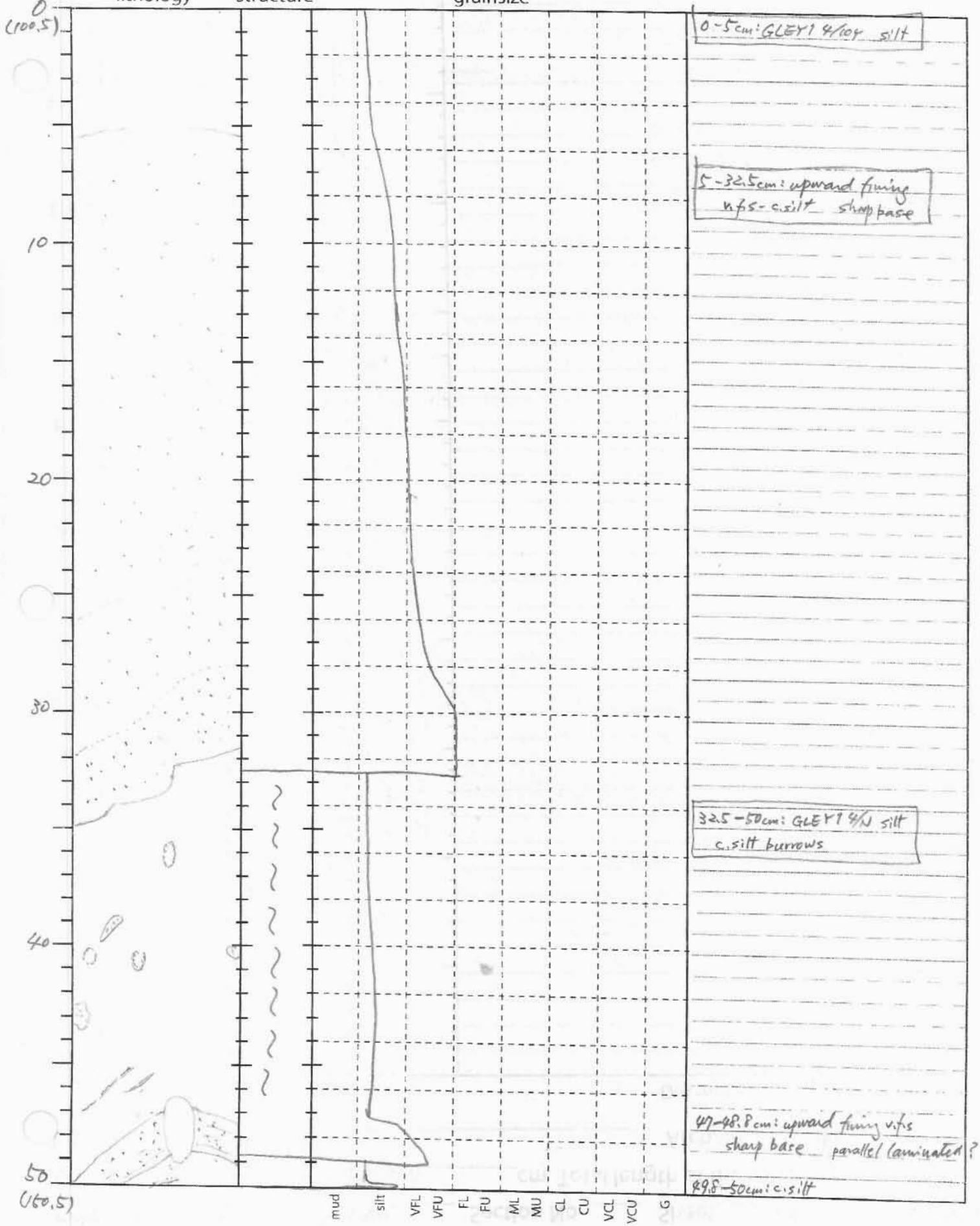
c. silt burrows

100cm core length

100.5cm MST length

CORE LOG Core No. RR0705-108PC Section No. 2/3 sheet 1 of 3

Date 12/06/2007 Described by Ken Archive/Working



0-5cm: GLEY1 4/10Y silt

5-32.5cm: upward fining v.f/s-c.silt sharp base

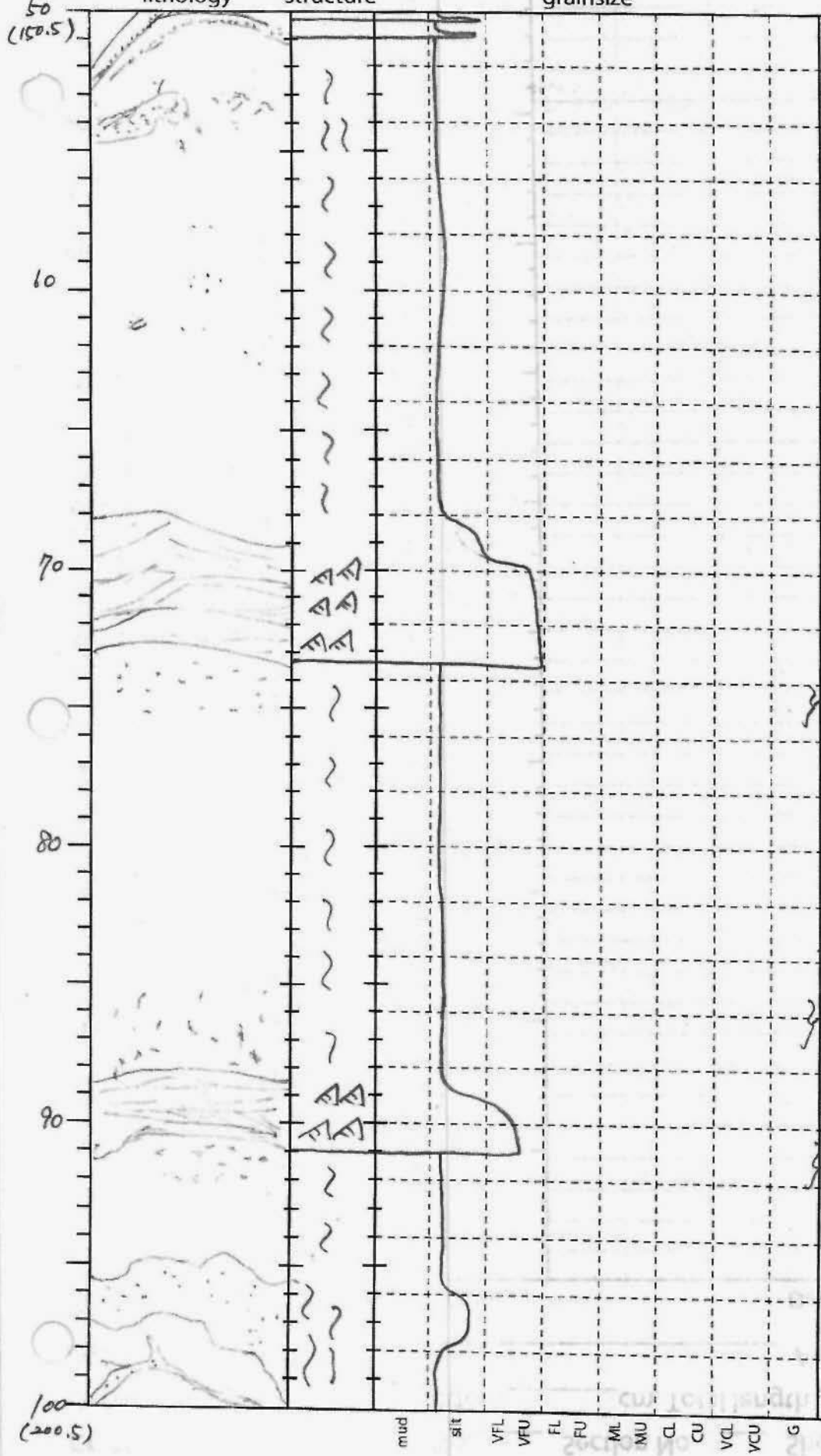
32.5-50cm: GLEY1 4/N silt
c.silt burrows

47-48.8cm: upward fining v.f/s sharp base parallel laminated?

48.8-50cm: c.silt

CORE LOG Core No. RR0705-108PC Section No. 2/3 sheet 2 of 3

Date 12/06/2007 Described by Ken Archive/Working



50.1-50.3, 50.8-51cm: c. silt

burrow filled by v.f.s-c.silt

50-100cm: GLEY1 5/N silt foram bearing with v.f.s-c.silt layers

forams

68-73.3cm: upward fining v.f.s-c.silt ripple laminated, sharp base

tiny burrows (c. silt fill)

forams

tiny burrows (c. silt fill)

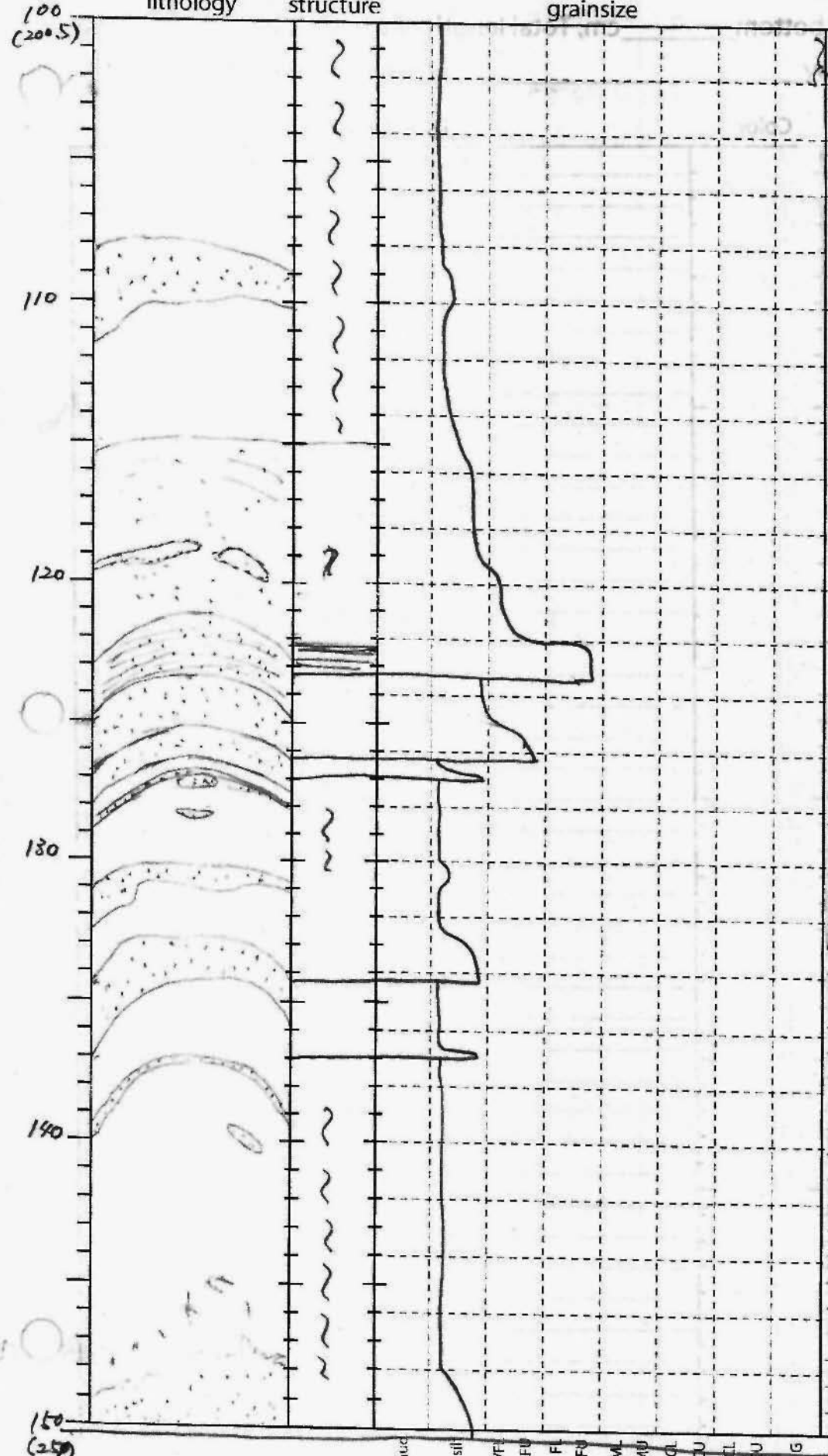
88-91cm: parallel-ripple laminated v.f.s. upward fining sharp base

tiny burrows (c. silt fill)

96-97.5cm: burrow (c. silt fill).

CORE LOG Core No. RR0705-108PC Section No. 2/3 sheet 3 of 3

Date 12/06/2007 Described by Ken Archive/Working



100-150.5cm: GLEY1 8/N silt with f.s-c.silt layers

foram

108.5-110.3cm: m.silt burrow fill

115-126.2cm: upward fining 2 stacked f.s-c.silt

115-120.8cm: c.silt

118.9-119.5cm: burrows v.f.s grain concentrated around the burrows

119.5-122.3cm: white v.f.s

122.3-123.2cm: black f.s, parallel laminated sharp base

123.2-125.2cm: gray c.silt

125.2-126.2cm: white v.f.s sharp base

126.7-129cm: c.silt

130-130.7cm: burrow filled by c.silt

132.3-134.2cm: c.silt sharp base bioturbated top

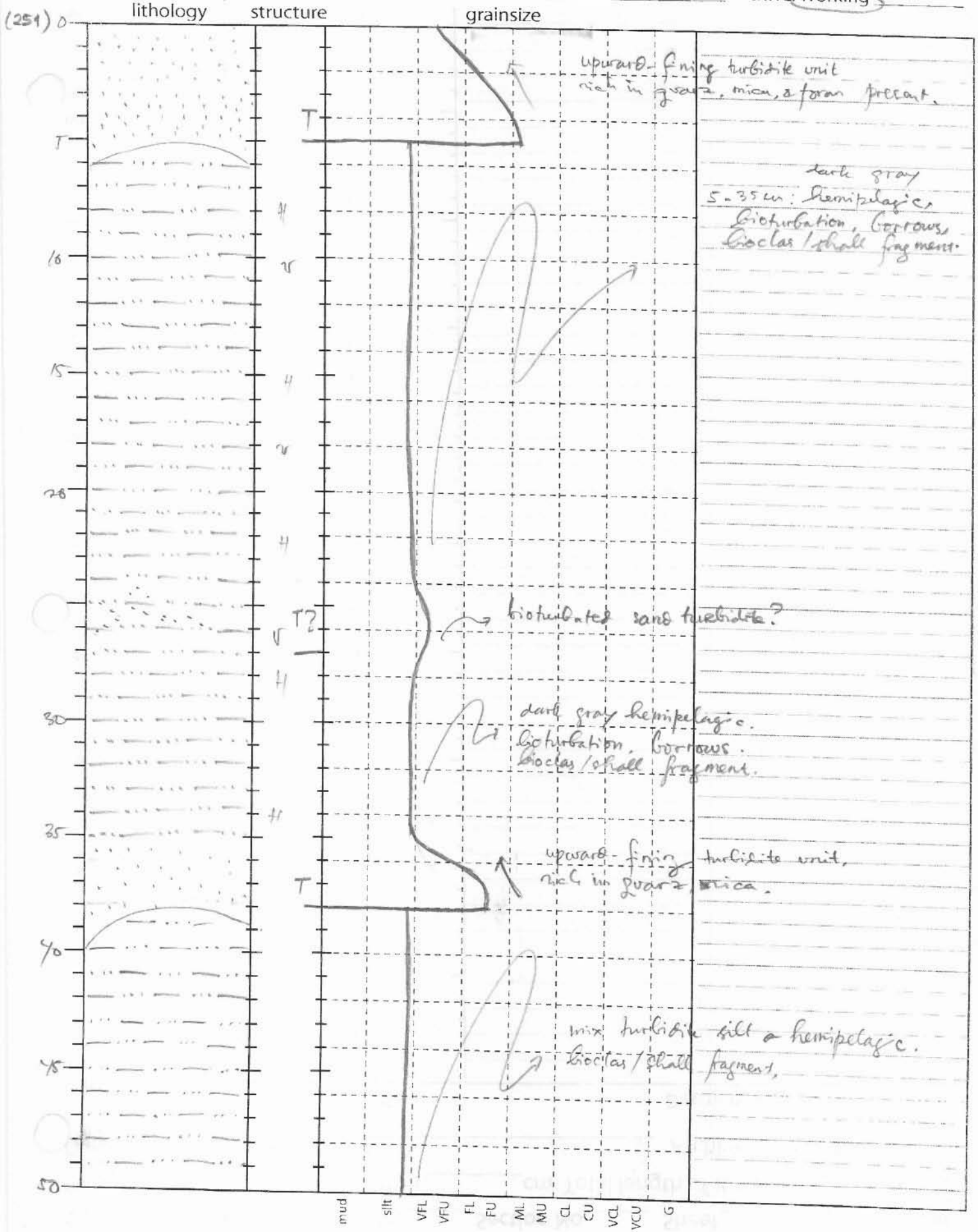
136.7-139cm: c.silt

148-150.5cm: c.silt boundary bioturbated

150.5cm
(25/cm)

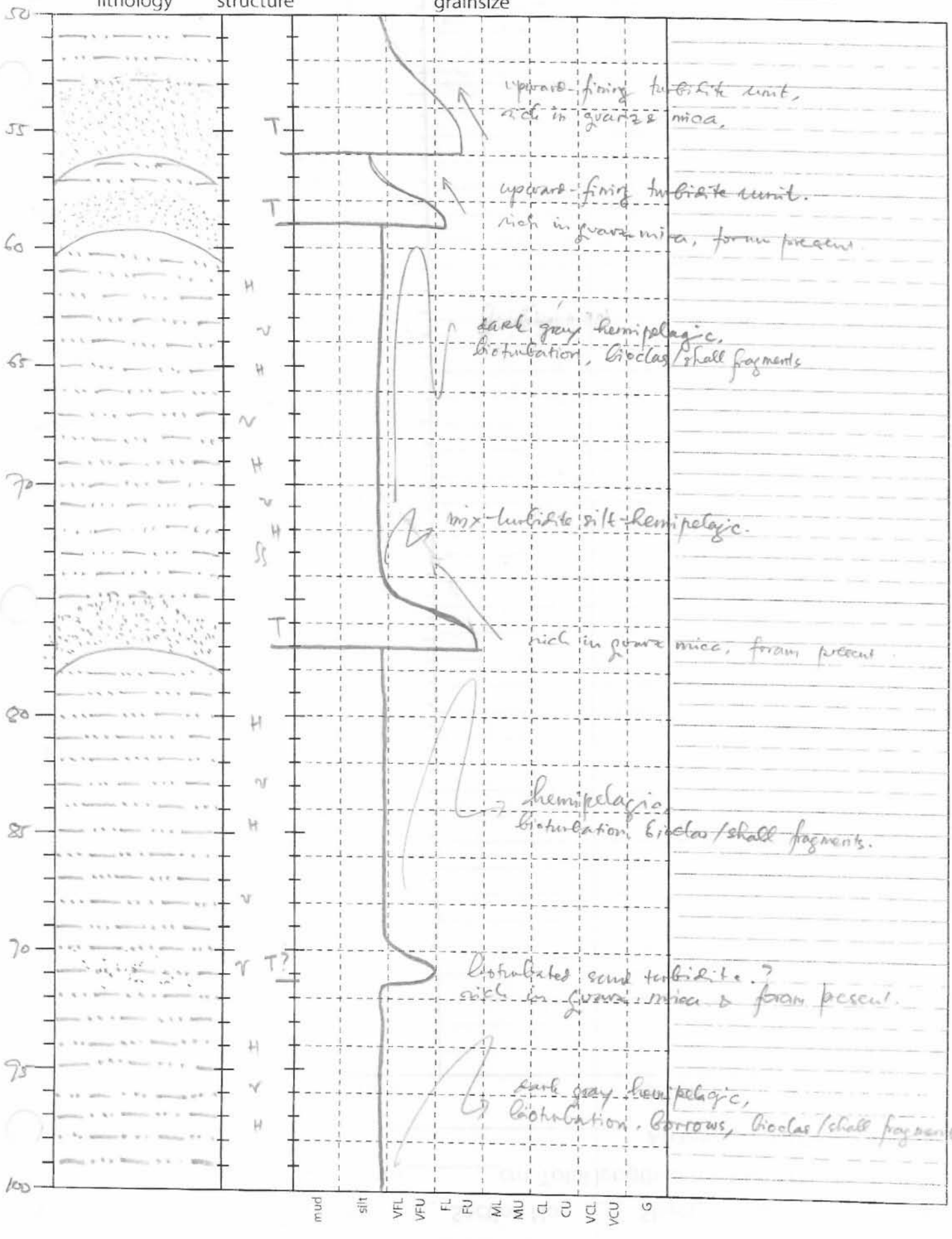
CORE LOG Core No. PR0705 - 108PC Section No. 3 of 3 (251 - 359.5cm) sheet 1 of 2

Date 13 JUNE 07 Described by SAPTA CHAHYADI Archive/Working



CORE LOG Core No. RR0705 - 108 PC Section No. 3073 (251 - 369.5 cm) sheet 2 of 3

Date 13 JUNE 07 Described by SAPTA CHAHYADI Archive/Working



upward-fining turbidite unit, rich in quartz & mica,

upward-fining turbidite unit. rich in quartz, mica, foram present

dark gray hemipelagic, bioturbation, bioclas/shell fragments

mix-turbidite silt-hemipelagic.

rich in quartz, mica, foram present

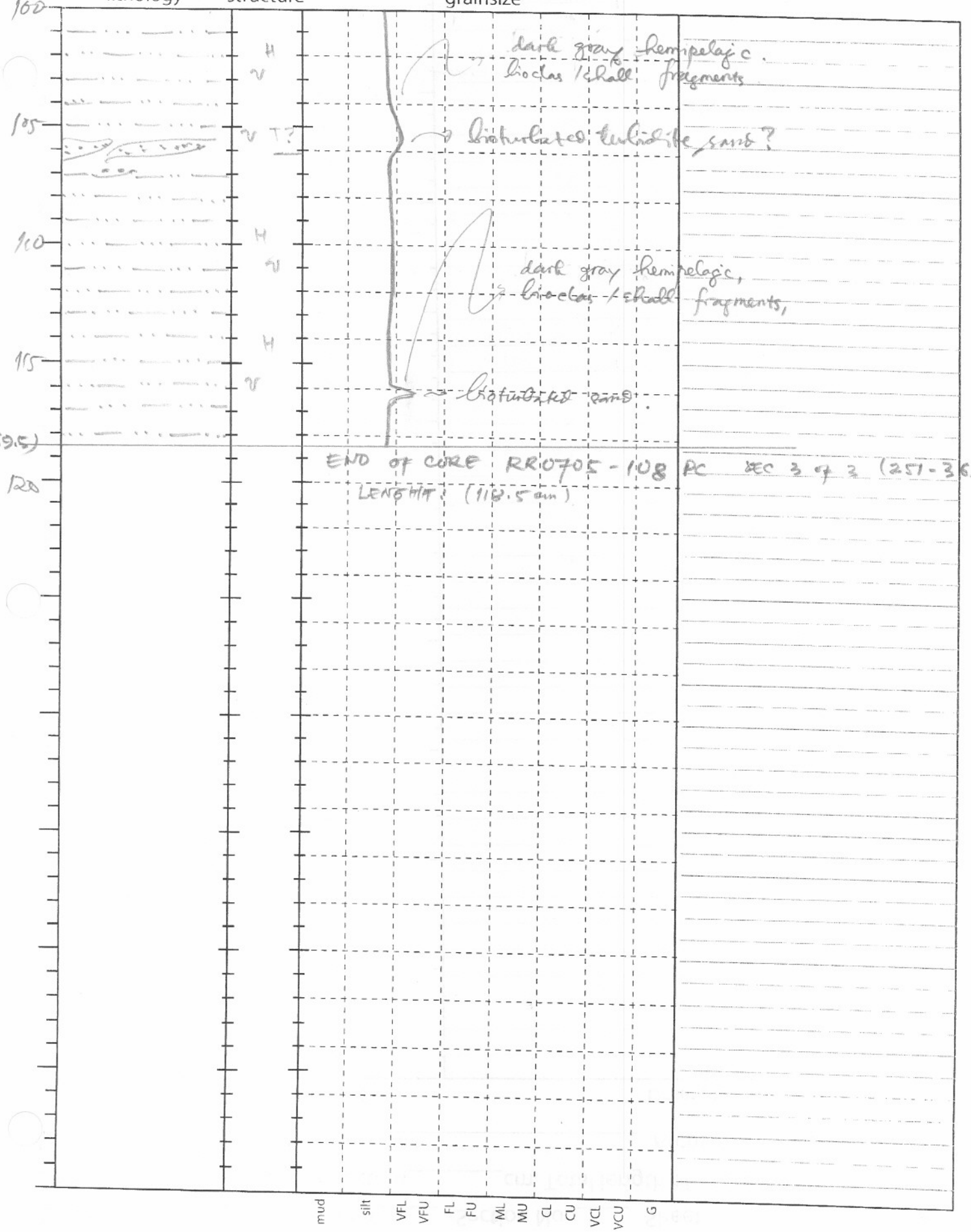
hemipelagic, bioturbation, bioclas/shell fragments.

bioturbated sand turbidite.? rich in quartz, mica & foram present.

dark gray hemipelagic, bioturbation. burrows, bioclas/shell fragments.

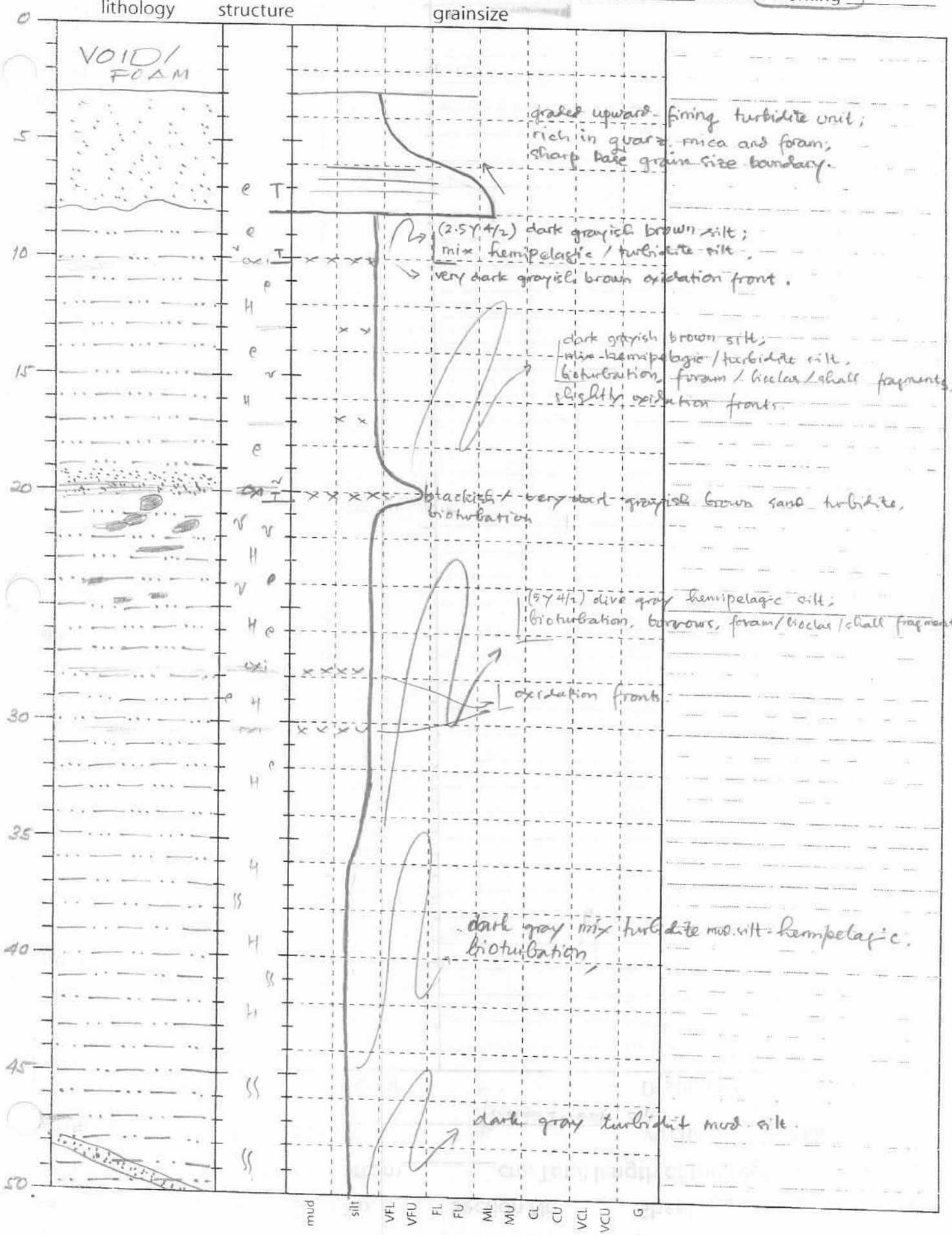
CORE LOG Core No. RR0705-108 PC Section No. 3 of 3 (251-369.5cm) sheet 3 of 3

Date 13 JUNE 07 Described by SAPTA CHAHYADI Archive/Working



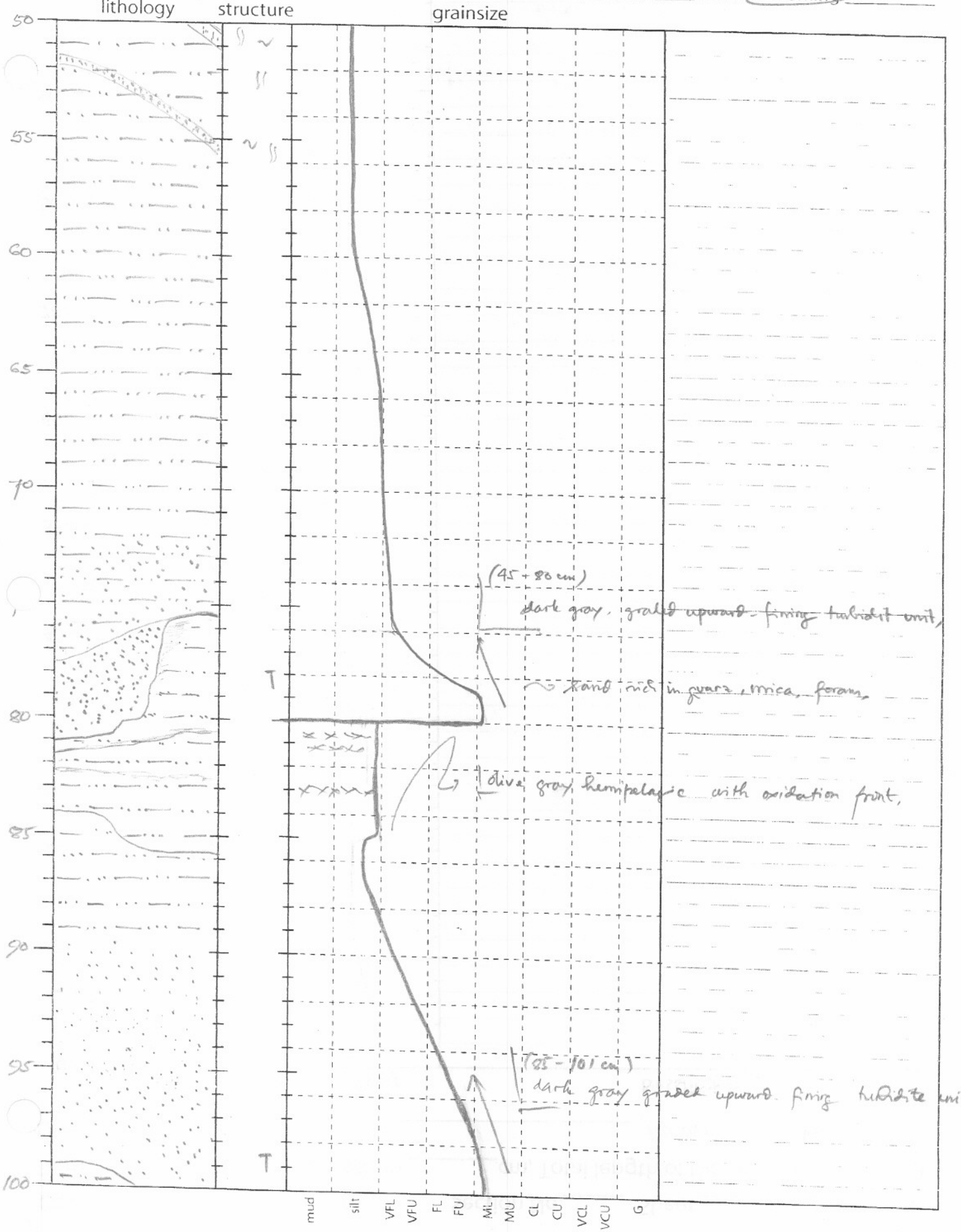
CORE LOG Core No. RR0705-108TC Section No. 1 of 1 (0-128 cm) sheet 1 of 3

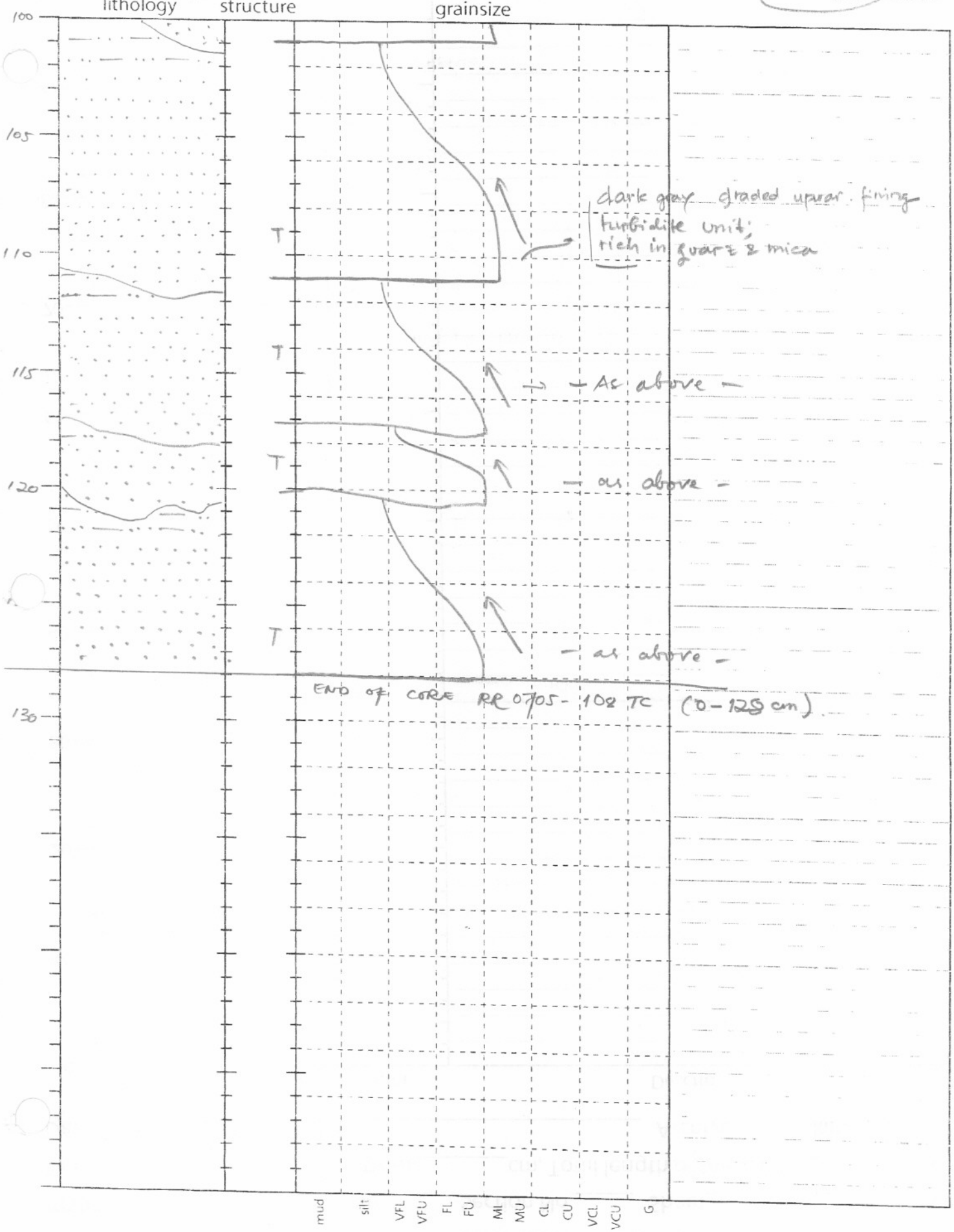
Date 13 JUNE 07 Described by SAPTA CHAHYADI Archive/Working



CORE LOG Core No. RR0705-108TC Section No. 1 of 1 (0-128 cm) sheet 2 of 3

Date 13 JUNE 07 Described by SAPTA CHAHYADI Archive/Working



CORE LOG Core No. RR0705 - 108TC Section No. 1 of 1 (0-128 cm) sheet 3 of 3

Date 13 JUNE 07 Described by SAPTA CHAHYADI Archive/~~Working~~