OL9A1 91-44a

Core ID SPB 020691/52 91-44a	Depth 3.9 m	Date Processed 9/29/03
Location SAN PABLO BAY	Core Length 52: 1.47m	Photo

Sheet 1 of 2

General Description

MUD, 2.5Y-10YR 3/2, V. dk. grayish-brown, f/s w/ mica in top 55cm. None below; sticky-soft; gritty at top. One shell at top. Much of unit 1 is biot w/ sand-filled burrows. Strata (& biot?) obscure in unit 2.

Grn Size

Color Biotin

0

UNIT 1

UNIT 1: ~~MUD~~ CLAY w/ f/m s. mica. One shell. Upper 5cm disturbed in coring/cutting. 0-75cm. 5Y 3/2. Strata not observed. Dark grayish brown

10 — Erosion

< Charcoal

20

UNIT 2: ~~MUD~~ CLAY, sandy at top, less toward bottom, 2.5Y 3/2, mica. One shell at top. Biot w/ f. sand in burrows. Soft, sticky but gritty. Fining-upward sequence? 75cm-24cm

Break in core

30 — Break in core

UNIT 2

Break in core

40 — No sand in mud. 10YR 3/2

Break in core

f/m sand, break in core

Erosion

50 — Break in core

Erosion

Erosion

UNIT 3: ~~MUD~~ CLAY. No sand. Little biot. 2.5YR 3/2. No* strata (biot w/ sand fill?); soft, sticky

60

* Strata are vague, discontinuous & marked by organic smears & silt. Small burrows.

70

Unit 3 throughout

80 — Break in core

90 — Break in core (Erosion?)

100 — Break in core

< Small burrows, no sand. Erosion (?)

Break in core

110

UNIT 2

120 — Break in core

Thin (<1mm) silty, mud strata, sand-filled burrows

130

< Red-rimmed clay; strata cross through.

140 — < Erosion??

UNIT 4: ~~CLAY~~ CLAY. Soft, moist, cohesive, v. dk. grayish brown. Silt/vfs lens ~2mm thick. Discontinuous, <10% of unit. Various orientations. 10YR 3/2

150

160

170 — 2.5YR 3/2 v. dk. grayish brown

Sand fragments

180 — Erosion surface

10YR 3/2 v. dk. grayish brown

Erosion surface

UNIT #2

190 — Dk gray unweathered remnant

Unit 5: ~~CLAY~~ CLAY, 2.5YR 4/3, olive brown, soft, moist, cohesive; strata vague, disrupted

2.5YR 4/3 olive brown

Disrupted bedding

200

210 — Strata better defines of horizontal burrow

< Burrow?

220 — 2.5YR 3/2 v. dk. grayish brown

Unit 6: ~~CLAY~~ CLAY, as above w/ many sand lenses. Some of cm-scale. Discontinuous. Unit darker toward base. Looks v. much like unit 4.

Top: 2.5YR 4/3 → 2.5YR 3/2

230

240 — Sand clast

Erosion

Unit 7: ~~CLAY~~ CLAY. Soft, moist, cohesive, w/ organics. Strata vague-but horizontal. 10YR 3/1

10YR 3/1 v. dk. grey

End of core (244cm)