



INITIAL CORE DESCRIPTION

LAKE SANTA MARIA DEL ORO

SECTION LENGTH (cm) 129.0 cm

mblf top 505.0 cm

CORE ID MOLE-SMO03-1A-1K-6

SED. LENGTH (cm) 127.3 cm

mblf bot 632.3 cm

Depth (cm)

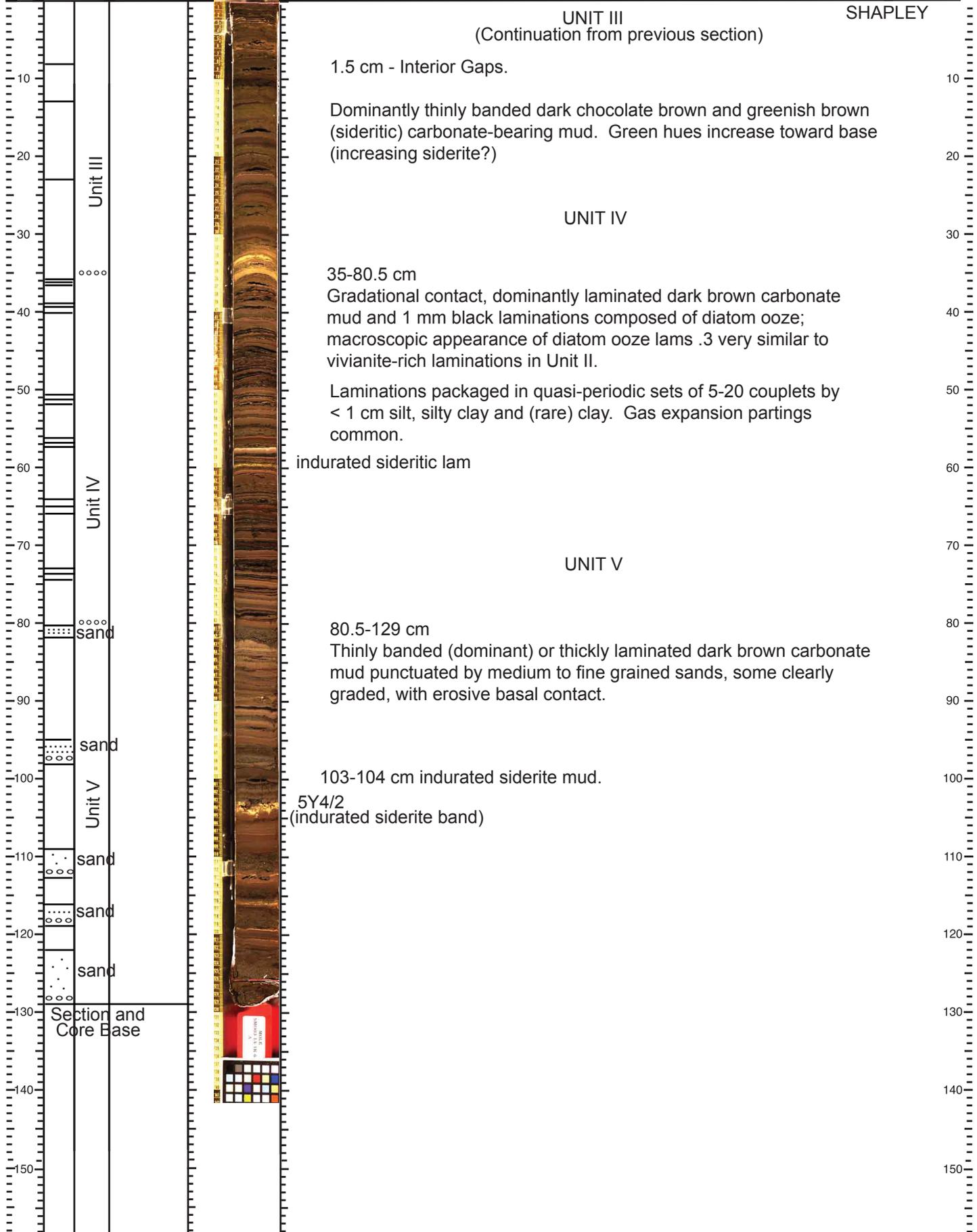
STRUC.

UNIT

MS (SI)

Image

LITHOLOGIC DESCRIPTION



UNIT III
(Continuation from previous section)

SHAPLEY

1.5 cm - Interior Gaps.

Dominantly thinly banded dark chocolate brown and greenish brown (sideritic) carbonate-bearing mud. Green hues increase toward base (increasing siderite?)

UNIT IV

35-80.5 cm

Gradational contact, dominantly laminated dark brown carbonate mud and 1 mm black laminations composed of diatom ooze; macroscopic appearance of diatom ooze lams .3 very similar to vivianite-rich laminations in Unit II.

Laminations packaged in quasi-periodic sets of 5-20 couplets by < 1 cm silt, silty clay and (rare) clay. Gas expansion partings common.

indurated sideritic lam

UNIT V

80.5-129 cm

Thinly banded (dominant) or thickly laminated dark brown carbonate mud punctuated by medium to fine grained sands, some clearly graded, with erosive basal contact.

103-104 cm indurated siderite mud.

5Y4/2
(indurated siderite band)

Section and Core Base