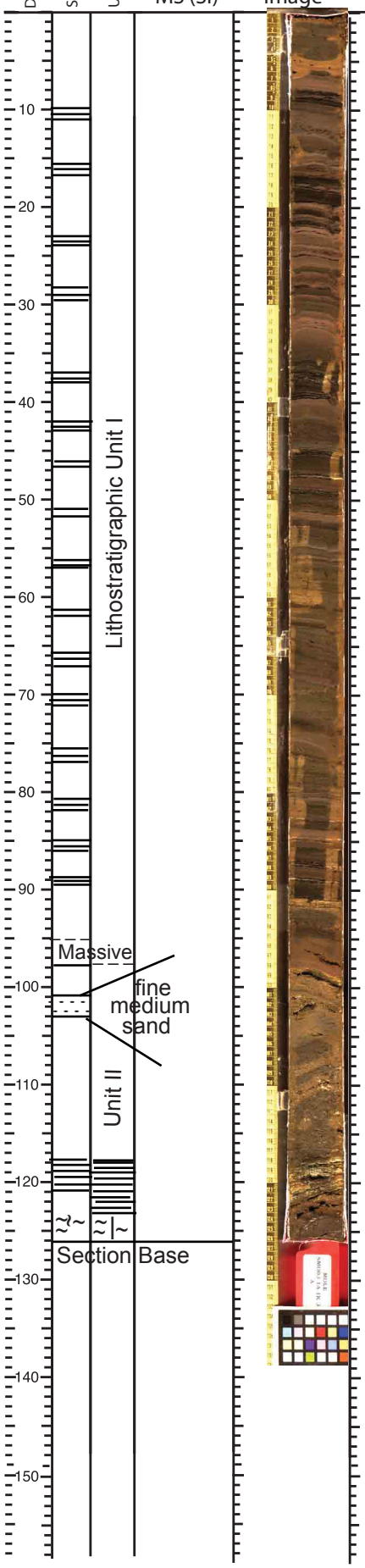
INITIAL CORE DESCRIPTION

LAKE SANTA MARIA DEL ORO
CORE ID MOLE-SMO03-1A-1K-3
SECTION LENGTH (cm) 126.0 cm
SED. LENGTH (cm) 124.6 cm
mblf top 129.3 cm
mblf bot 253.9 cm

Depth (cm) | STRUC. | UNIT | MS (SI) | Image | LITHOLOGIC DESCRIPTION



SHAPLEY

UNIT I
(Continuation from previous section)

.2 cm - Top Gap.
1 cm - Cumulative Mid Gap.

0-98 cm
Banded to finely laminated calcareous ooze (?) or carbonate-boaring ooze (?). Thin dark laminae occur in quasi-periodic bundles of ~ 5-20 thin (<1 mm) couplets, with .5 - 2 cm massive (?) or graded (?) bands - laminae flat to wavy. Packaging most disinct in lower 50 cm of the unit

5Y2.5/1
(reduced
2.5Y3/2
oxidized)

UNIT II

98-126 cm
Distinct downward transition (from basal 3 cm silt in Unit 1) to very finely or obscurely laminated calcareous silt with white (≤ 1 mm) pinprick flecks. Medium/fine sand with shell fragments near top 101-103 cm; prominently laminated package from 118-123 cm. Varies dark reddish brown peatty interval at base of section.

Bright white, thin (≤ 1 mm) calcite laminations.
peatty

Deformation minimal or absent throughout.

Smear slides: 12, 14, 107 and 119 cm

SS
SS
SS
SS