



# INITIAL CORE DESCRIPTION

LAKE SANTA MARIA DEL ORO

SECTION LENGTH (cm) 126.0 cm

mblf top 3.63 cm

CORE ID MOLE-SMO03-1B-1K-4

SED. LENGTH (cm) 126.0 cm

mblf bot 4.890 cm

Depth (cm)

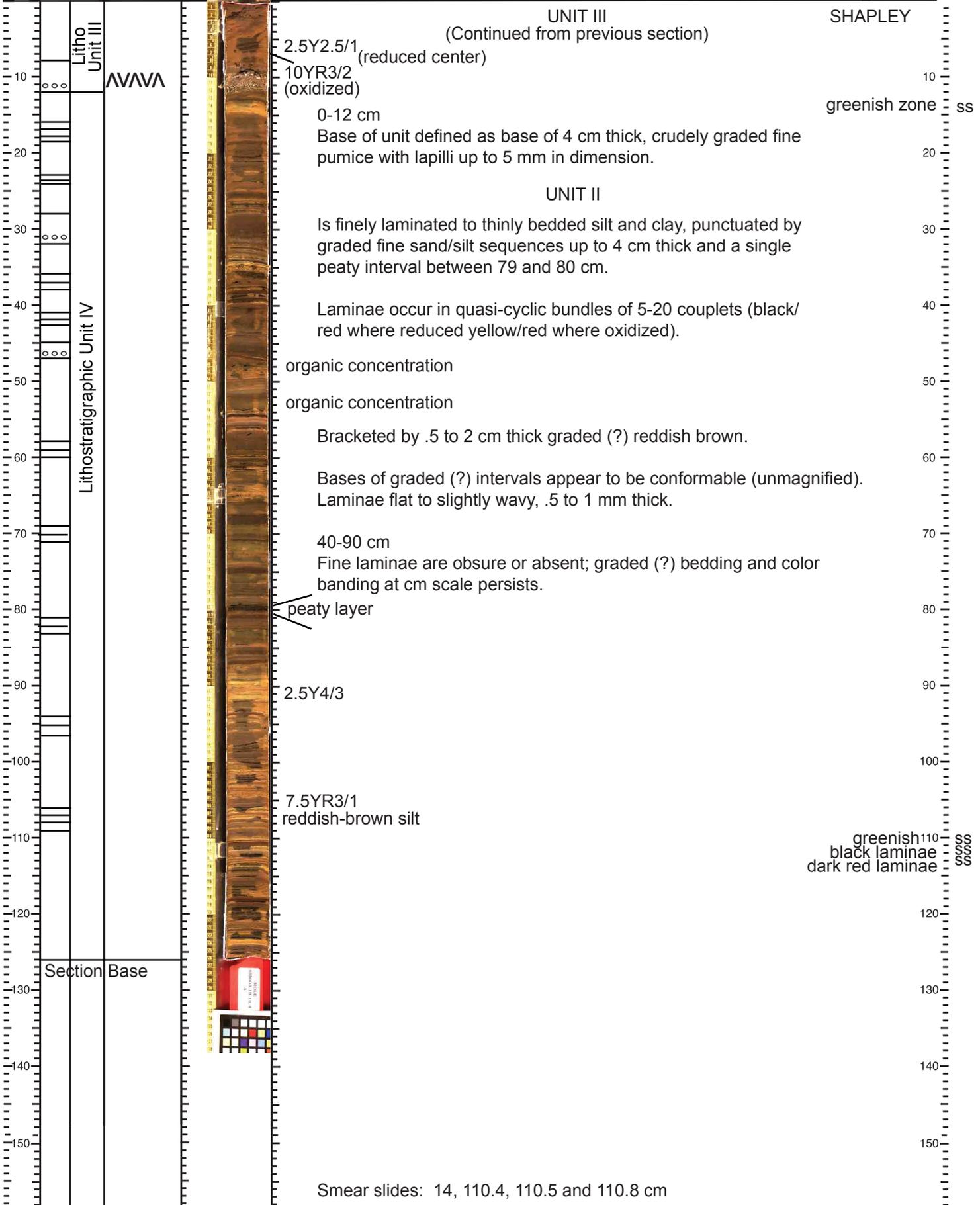
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UNIT

MS (SI)

Image

LITHOLOGIC DESCRIPTION



UNIT III  
(Continued from previous section)

SHAPLEY

2.5Y2.5/1 (reduced center)  
10YR3/2 (oxidized)

greenish zone ss

0-12 cm  
Base of unit defined as base of 4 cm thick, crudely graded fine pumice with lapilli up to 5 mm in dimension.

UNIT II

Is finely laminated to thinly bedded silt and clay, punctuated by graded fine sand/silt sequences up to 4 cm thick and a single peaty interval between 79 and 80 cm.

Laminae occur in quasi-cyclic bundles of 5-20 couplets (black/red where reduced yellow/red where oxidized).

organic concentration

organic concentration

Bracketed by .5 to 2 cm thick graded (?) reddish brown.

Bases of graded (?) intervals appear to be conformable (unmagnified).  
Laminae flat to slightly wavy, .5 to 1 mm thick.

40-90 cm  
Fine laminae are obscure or absent; graded (?) bedding and color banding at cm scale persists.

peaty layer

2.5Y4/3

7.5YR3/1  
reddish-brown silt

greenish black laminae  
dark red laminae

Smear slides: 14, 110.4, 110.5 and 110.8 cm