



INITIAL CORE DESCRIPTION

LAKE SANTA MARIA DEL ORO

SECTION LENGTH (cm) 124.5 cm

mblf top 1.13 cm

CORE ID MOLE-SMO03-1B-1K-2

SED. LENGTH (cm) 124.5 cm

mblf bot 2.375 cm

Depth (cm)

STRUC.

UNIT

MS (SI)

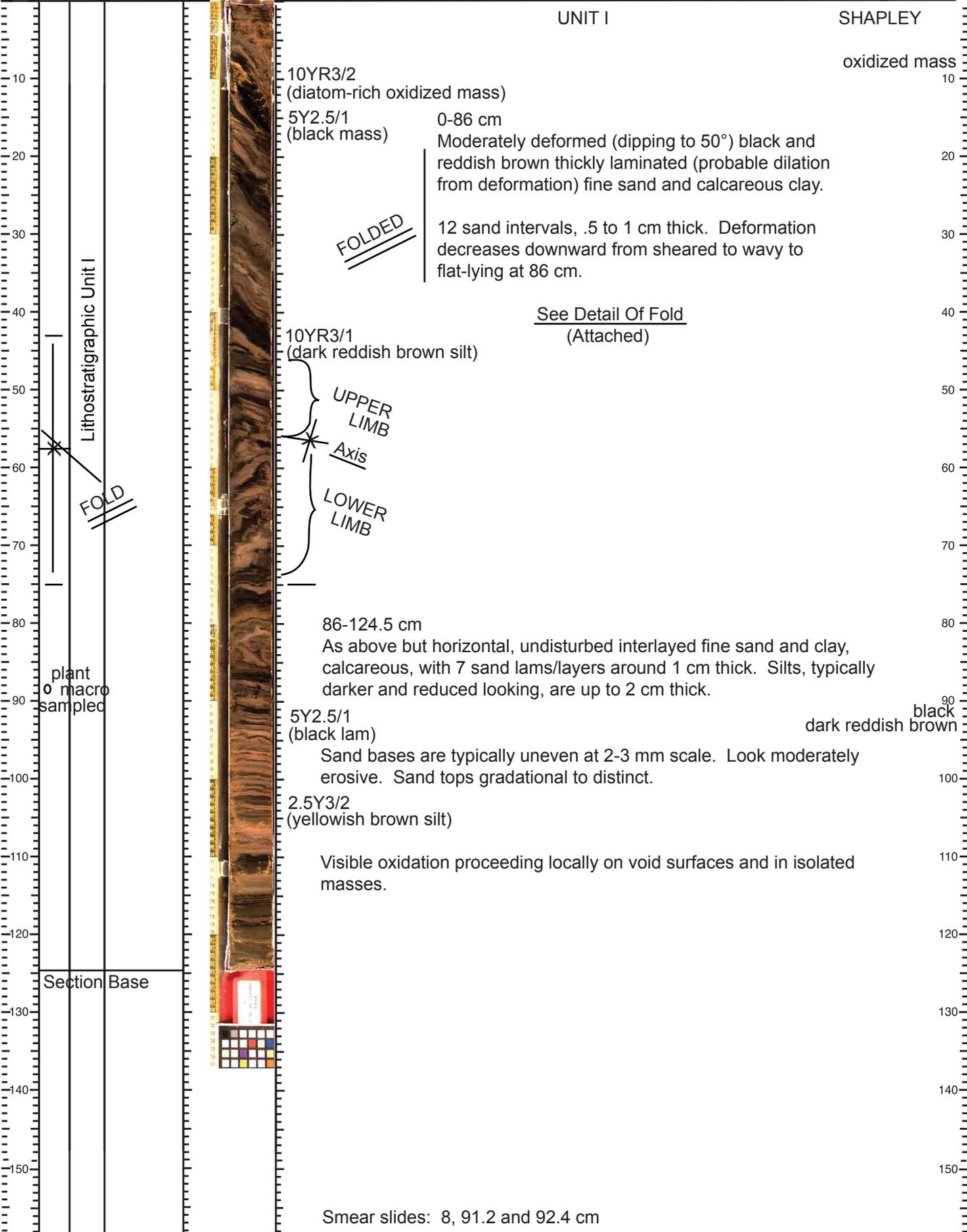
Image

LITHOLOGIC DESCRIPTION

UNIT I

SHAPLEY

oxidized mass ss



10YR3/2
(diatom-rich oxidized mass)

5Y2.5/1
(black mass)

0-86 cm

Moderately deformed (dipping to 50°) black and reddish brown thickly laminated (probable dilation from deformation) fine sand and calcareous clay.

FOLDED

12 sand intervals, .5 to 1 cm thick. Deformation decreases downward from sheared to wavy to flat-lying at 86 cm.

See Detail Of Fold
(Attached)

10YR3/1
(dark reddish brown silt)

UPPER LIMB

Axis

LOWER LIMB

86-124.5 cm

As above but horizontal, undisturbed interlayered fine sand and clay, calcareous, with 7 sand lams/layers around 1 cm thick. Silts, typically darker and reduced looking, are up to 2 cm thick.

5Y2.5/1
(black lam)

black dark reddish brown ss

Sand bases are typically uneven at 2-3 mm scale. Look moderately erosive. Sand tops gradational to distinct.

2.5Y3/2
(yellowish brown silt)

Visible oxidation proceeding locally on void surfaces and in isolated masses.

Section Base

Smear slides: 8, 91.2 and 92.4 cm