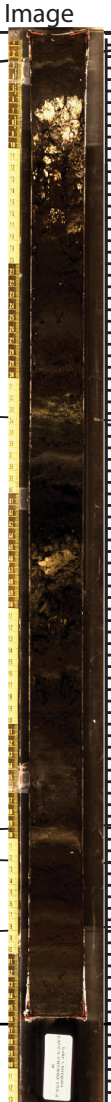
INITIAL CORE DESCRIPTION

LAKE CHUNGARA LAKE
CORE ID GLAD-CHUN02-15A-1K-2
SECTION LENGTH (cm) 86 cm
SED. LENGTH (cm)
mblf top
mblf bot
Observer: Ana

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



1a
F.9
F.1a
F.9
F.11
F.9 (*)
F.1a (**)
F.9
F.6
F.9
F.1a
F.9
F.1a
F.9
F.9
F.9
1a

lighter laminae
< 1 cm thick layers
- continuous layer of pumice
- fragments cm thick of pumice
lapilli, with coarser fragments at the top
ash
volcanic glass silty sand
lighter laminae
volcanic glass and quartz mafics and feldspar silty sand with diatoms black sand
ss
ss

brownish
massive
from brownish to more greenish from bottom to top in this layer
5Y 5/3 olive
5Y 3/2 dark olive
volcanic glass sands with diatoms and carbonate dark olive (1) and olive (1)
ss,ss

dark gray, without very large plant fragment (macrophyte)
om (plants) ooze dark brown
ss
indurated 5Y 5/4 laminated
aragonite crust
aragonite acicular
aragonitic silt (acicular) indurated
ss

dark gray without large fragments of macrophytes

lighter sandy layer, without organic remains
with some organics
~ ash
volcanic glass sand feldspar lighter laminae
ss

with macrophyte remains
feldspar, volcanic glass, quartz silty sand gray sand
om (plants) ooze with volcanic glass, quartz feldspar silty sand ↑ plants
ss
ss

(*) grayish
(**) gray sandy laminated, lighter at the top, darker at the base.

(1) ~ 30% calcite (~ 30 micrometer mean Ø)

Smear slides: 3, 5, 33, 33, 42, 46, 70, 77.5 and 79 cm