

Fe-Mn crust →

Foram chalk
in cavity/boothole

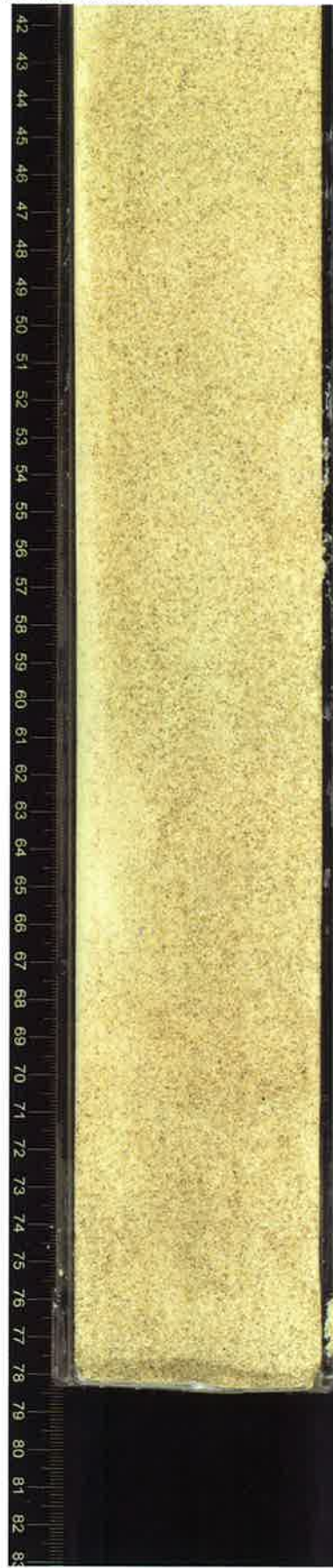
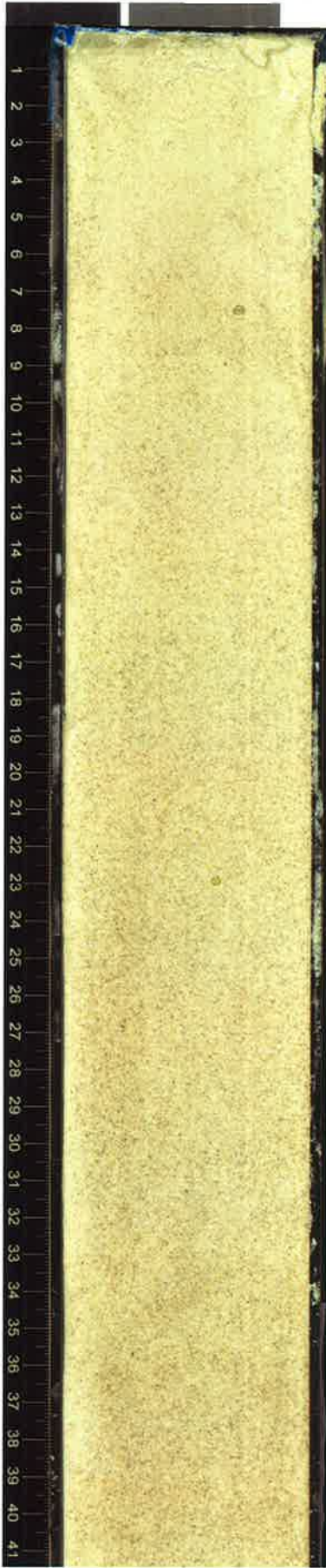


- o multicolor foraminiferal limestone
- capped by Fe-Mn crust
- bioturbated
- brown, sand-sized altered glass(?)
- Fe-Mn dendrites and coating of forams

— Fe-Mn layer(?) 13cm

nannofossil foraminiferal ooze, soupy (what else?)

330-U1377B-1R-1-A_SHLF2921801_20110206180930



SED 1R1

TYPE 1 CLAST

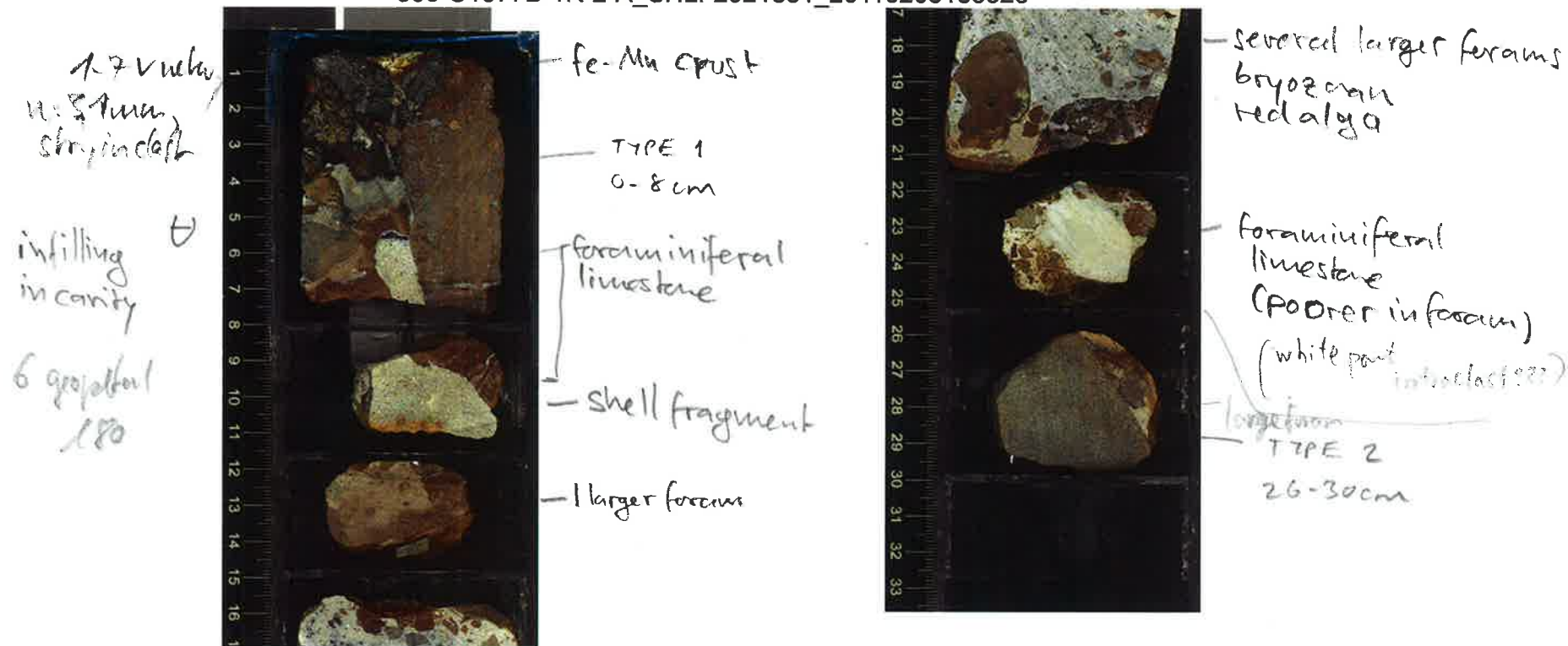
- 10% OLIVINE (COMPLETELY ALTERED)
5mm / 2mm
- 2% PYROXENE (FRESH)
4mm / 2mm
- ▷ HIGHLY OLIVINE - PYROXENE - PHYRIC
BASALT CLAST
- BROWN, ORANGE
- 0% VESICLES
- FINE GRAINED GROUNDMASS

TYPE 2 CLAST

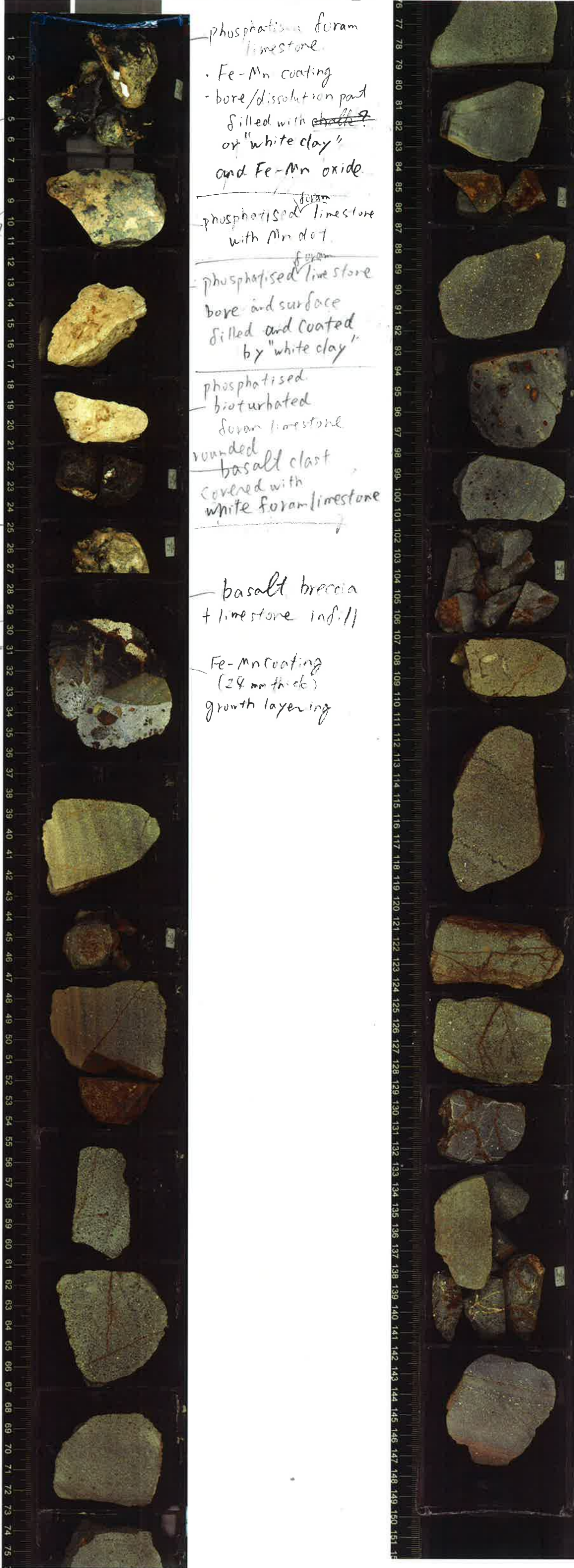
- ▷ APHYRIC BASALT CLAST
- PHENOCRYSTS: NONE
- BROWN / GRAY
- 1% VESICLES (LOW, SUBANGULAR)
- FINE-GRAINED GROUNDMASS
- OLIVINE IN THE GROUNDMASS

Multicolor basalt conglomerate also contains fragments of vitric sandstone-breccia (angular)

330-U1377B-1R-2-A_SHLF2921831_20110206183523



foraminiferal lm w/ echinoderm, larger forams, bryozoans, shell fragments, red alga



Fe-Mn
18mm thick
on phosphatised Limestone

burrrow or
dissolution of shell?

phosphatised
limestone
dissolved part
filled with "white clay"
including echinoderm
fragment?

On top & "bore"
white foram limestone
+ yellow grains
limestone
(younger than
Fe-Mn coating?)

phosphatised foram
limestone
- Fe-Mn coating
- bore/dissolution part
filled with ~~chalk?~~
or "white clay"
and Fe-Mn oxide.

phosphatised ^{foram} limestone
with Mn dot

phosphatised ^{foram} limestone
bore and surface
filled and coated
by "white clay"

phosphatised
bioturbated
foram limestone
rounded
basalt clast
covered with
white foram limestone

basalt breccia
+ limestone infill

Fe-Mn coating
(24 mm thick)
growth layering