The Van Veen grab on the deck platform

Collect sediment from deck platform

Sediment on the sieve table

1) The crew will handle the Van Veen grab.
2) If the grab hits the bottom, register start and end of Van Veen action in MIDAS
3) **No water or sediment may be lost! Make sure to place the 20L bucket at the exit of the deck platform before the Van Veen arrives here.**
4) If the Van Veen grab is at the surface, **take a 50mm core tube subsample for granulometry analysis from the small sampling port in the Van Veen grab (label this sample!)**
5) The crew opens the grab.
6) **Rinse the inside of the grab with water,** all water should be collected.
7) Collect sediment into the bucket. Make sure to wash the grab with water AND to collect this water as well (see figure).

Take 3 replica's, one replica per bucket.

8) Transport bucket to 1mm table sieve with perforated pores.
9) Gently wash away sediment smaller then 1mm. Make sure not to splash around.
10) Put sieved sample into a small (ϕ 20cm) perforated sieve and bring it inside.
11) Using a spoon, you can transfer everything from the small sieve into a recipient (generally around 1L)
12) Add formol diluted to a 6% solution; if the sample contains a lot of water dilute to 8-10%
13) Label containers with Macro VLIZ Date Station Replica, **and put a second label in the recipient in pencil because ethanol/formal will erase the ink labelling!**
14) In the lab, after fixation, formol will be replaced by 70% ethanol. Further lab procedure includes staining with Rose Bengal, and supervised sorting of detritus and living animals.

	On board	On land	Partner laboratory
Macrobenthos	room temperature, 7% formol	storage room, MSO	Bioarchive VLIZ