Standard preparation

1. Crush the 3 kinds of clean standard soil (sand, loam, and clay) into fine particles.
2. Dry them with the containers (crucibles) at least 6 hours, then take them into the desiccator while cooling.
3. Use subtraction method to take 50g sand into a clean bag, then use pipette to add 5ml Voss standard sea water into that bag (try to wet more sand in case the sand come out while dive air filling).
4. Seal the sealer on the bag and only leave a small entry for dive air nozzle, fill the bag till it expand enough (do not fill too much air, otherwise there might be a difficulty of second sealing by laminator), then seal the sealer totally.
5. Use the Laminator to seal the bag again right below the sealer.
6. Draw two small round silicon cover on the surface of the bag (do not make the silicon cover too thin).
7. Take 50g sand and 5ml Namsw standard sea water, repeat step 3 to step 6 for sand+Namsw

Repeat step 3 to step 6 for preparation of loam and clay, till finishing 6 bags, then put these bags somewhere without sunlight for 24 hours equilibrium.