

## CORING & SEDIMENT STATION

- Coring – small push cores will be collected by each group.
  - Talk about what information we can gather from cores etc.
    - Discuss that it represents *time*.
    - Remind them of the principle of *superposition*.
    - Collect the cores and have them look to see if there are *layers* while it is in the sleeve, *identify top and bottom i.e. oldest and youngest sediment*.
    - Push it out onto the tray and have them *measure it, smell it* for anaerobic decomposition.
    - Cut the core in *half* and have them *touch it to feel grain size* etc., and *describe it* and complete their core/grab description sheet.
    - Discuss what can we learn from cores? Reinforce as you describe things that the sediments are a natural part of the weathering and breaking down of the rocks and plants by the Earth (detritus).
    - I suggest you keep samples for the day – useful in showing variation over the day and also in case don't get a core for one group you have one to look at.