CORING & SEDIMENT STATION

• Coring – small push cores will be collected by each group.
  
  ▪ Talk about what information we can gather from cores etc.
    o Discuss that it represents time.
    o Remind them of the principle of superposition.
    o 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.
    o Push it out onto the tray and have them measure it, smell it for anaerobic decomposition.
    o 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.
    o 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).
    o 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.