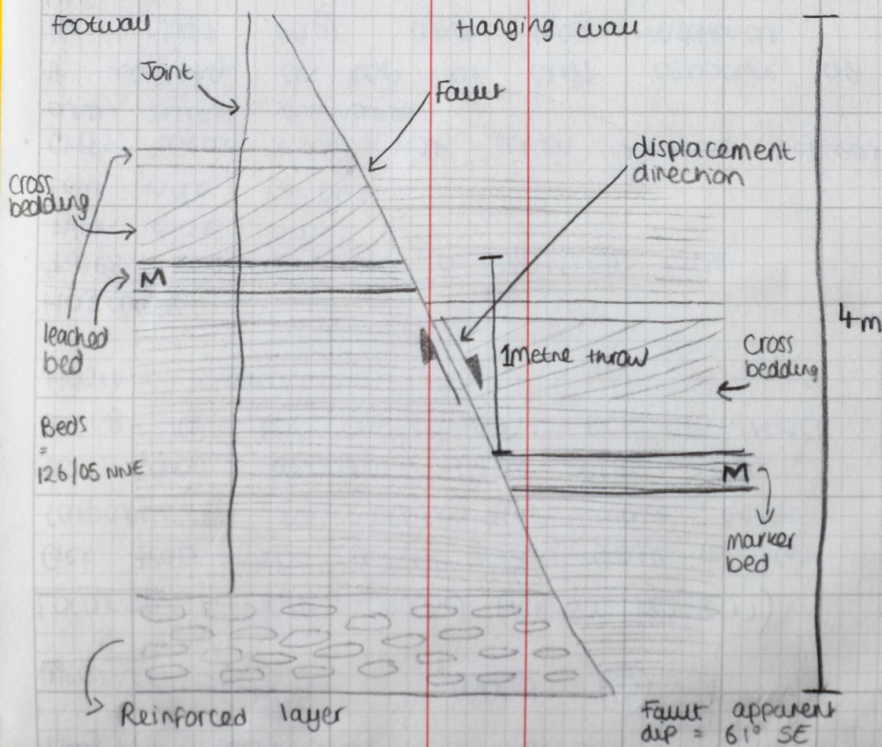


Locality 2: Hilbre Island SJ 187876

Rock description.

- Cliff of oxidised sandstone with both parallel bedding and cross bedding
- bands of lighter colouration, potentially areas that have been leached.
- Fault present, shown by obvious displacement of leached band.

Field sketch of the fault present in the cliff face. Sketch taken looking to the NNE



Summary & Synthesis

- Areas been faulted
- Fault is a normal, dip-slip fault with a throw of 1 metre.
- The overall rock type is oxidised sandstone (red colouration) with areas/beds that have experienced leaching (white marker bed).
- majority of outcrop exhibited planar bedding however there was evidence in some areas of cross bedding indicating a unidirectional flow.

Future work

- Try and find the other side of the fault, if this can be located take strike and dip measurements (if the locations safe)
- Look for other faults on the island and see if there are any trends, between the faults
- Trace the marker bed further and look for further evidence of faulting.