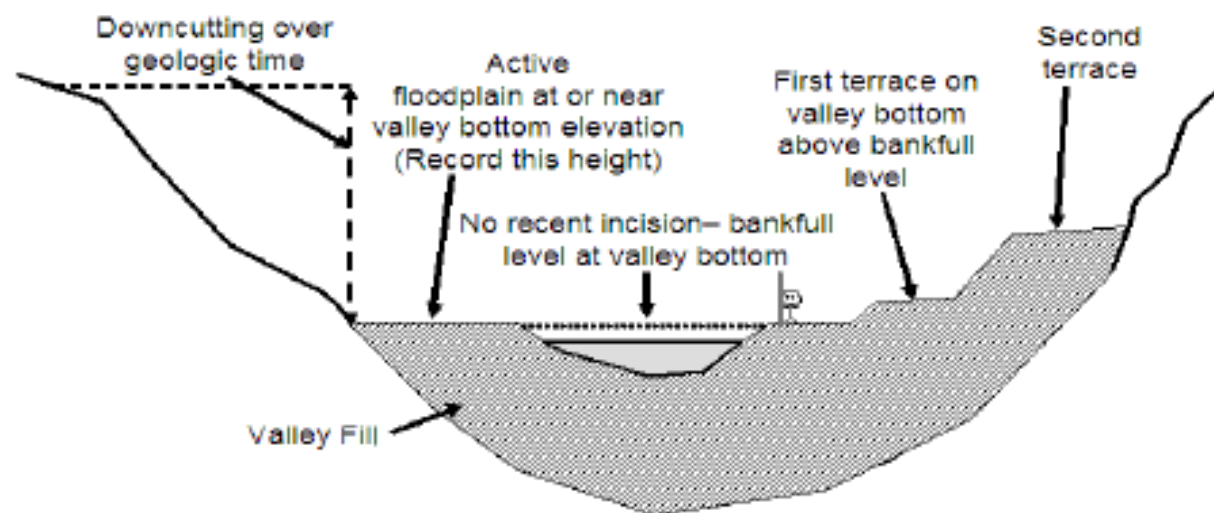


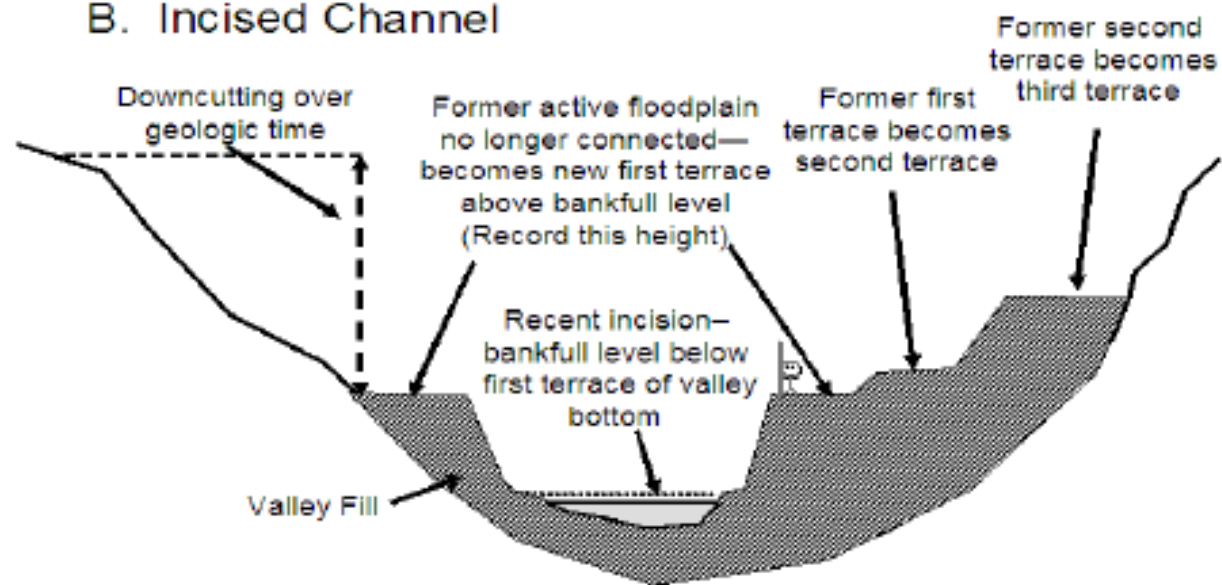


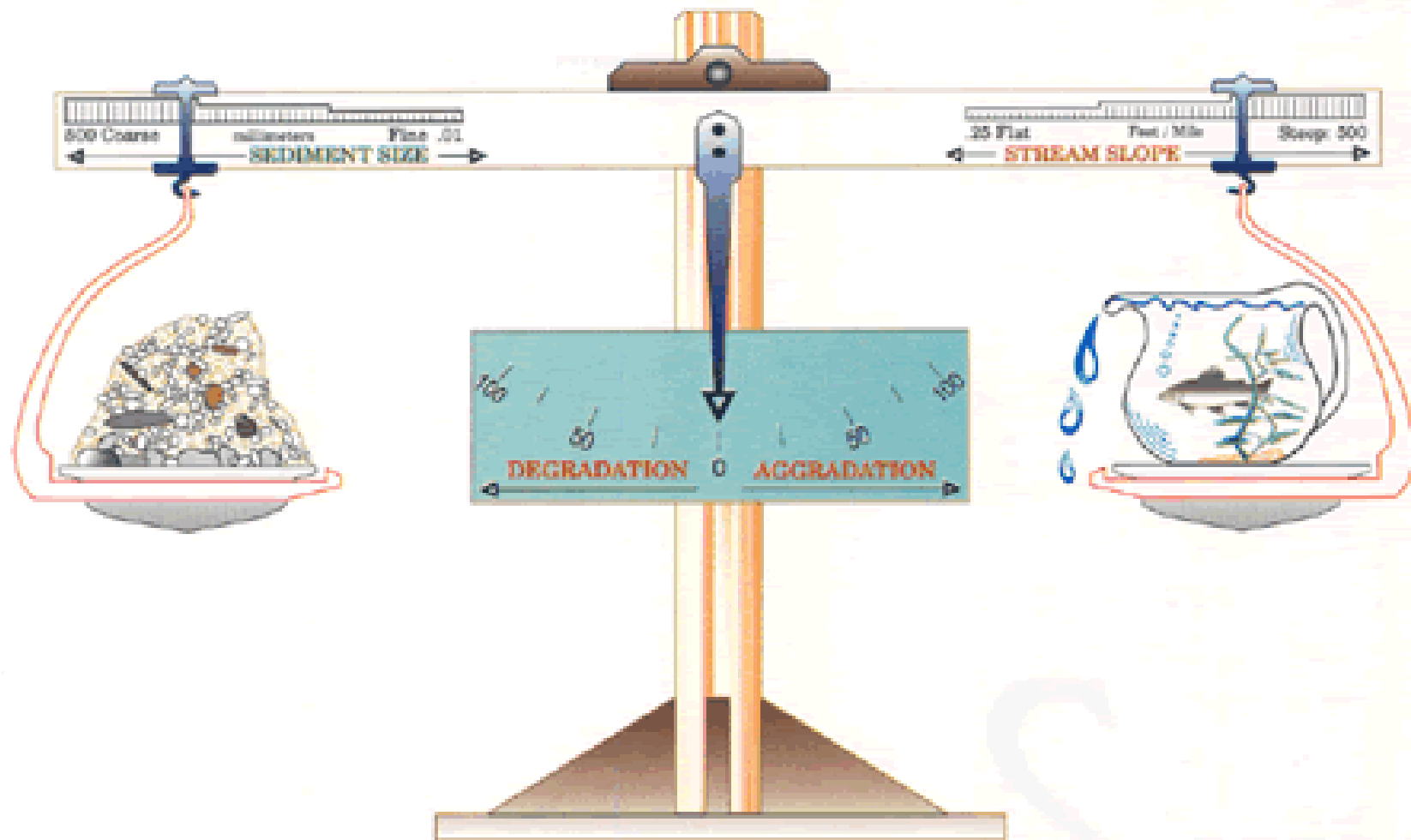


### A. Channel not Incised



### B. Incised Channel

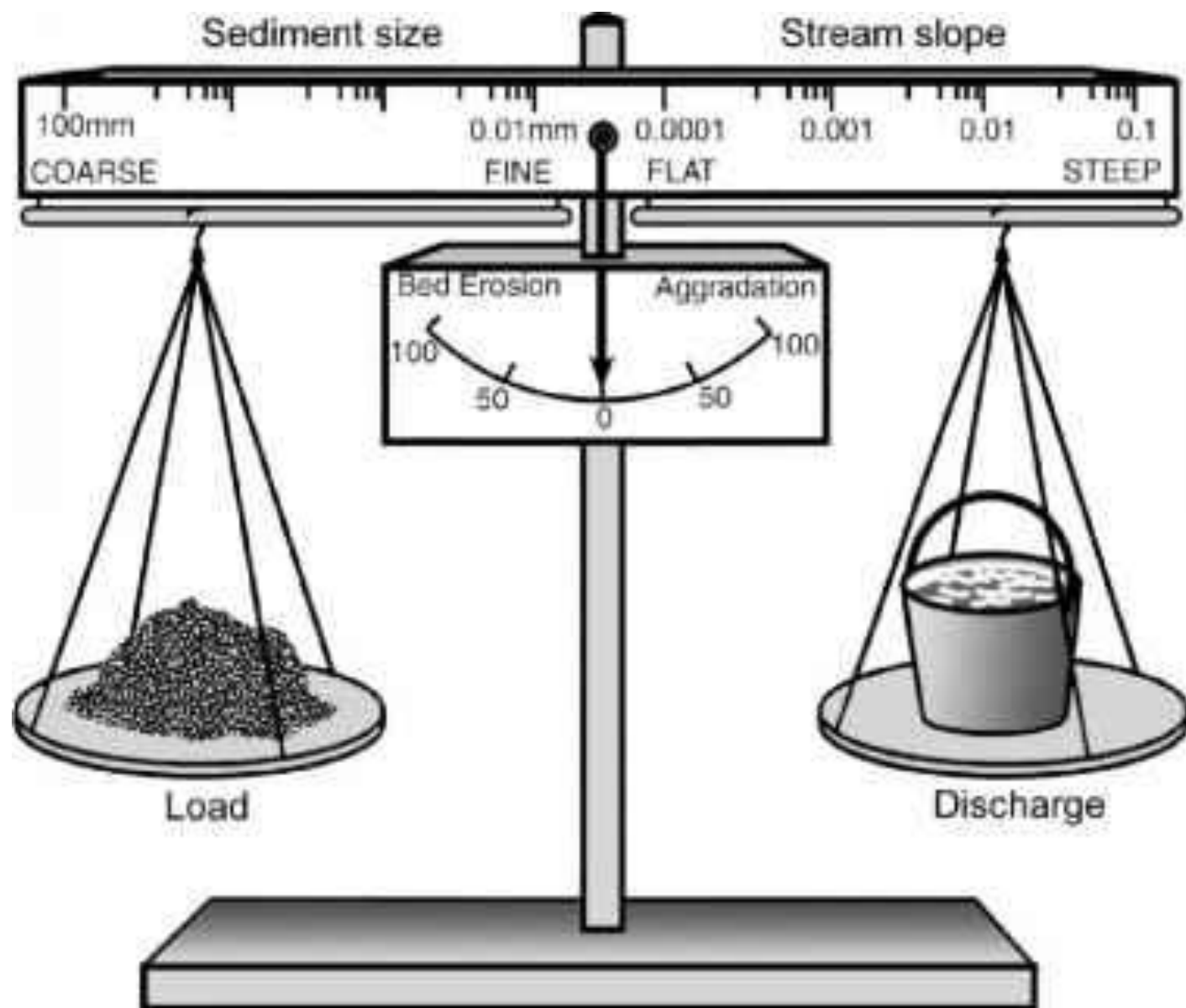




( Sediment LOAD ) x ( Sediment SIZE )



( Stream SLOPE ) x ( Stream DISCHARGE )



Sediment load x sediment size  
Stream slope x stream discharge











Stream split by an island





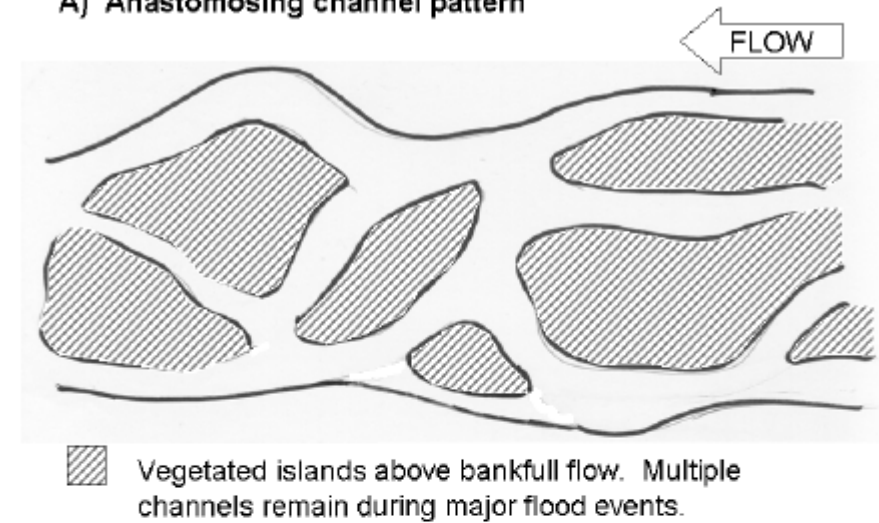


Single channels may have occasional in-channel bars or islands with side channels, but feature a predominant single channel, or a dominant main channel with a subordinate side channel.

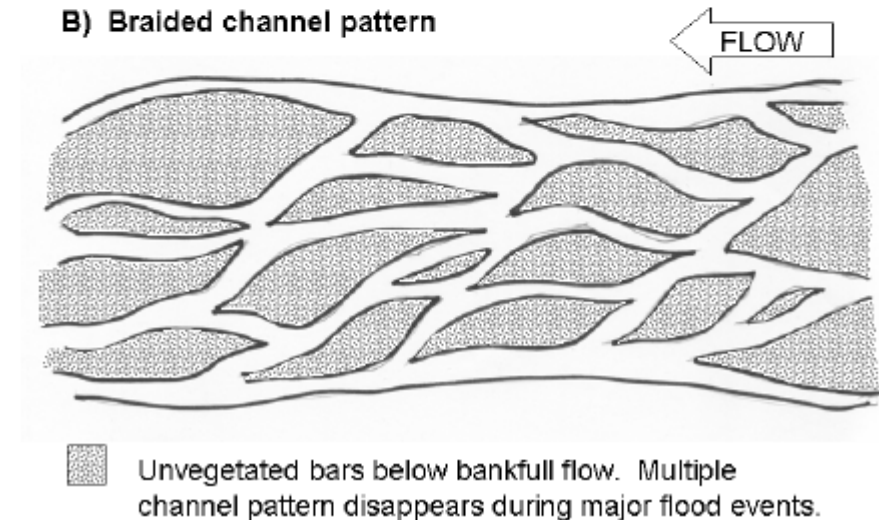
Anastomosing channels have relatively long major and minor channels branching and rejoining in a complex network separated by vegetated islands, with no obvious dominant channel.

Braided channels also have multiple branching and rejoining channels, separated by unvegetated bars. Subchannels are generally small, short, and numerous, often with no obvious dominant channel.

A) Anastomosing channel pattern



B) Braided channel pattern









## Challenges with measuring size of a really big pool





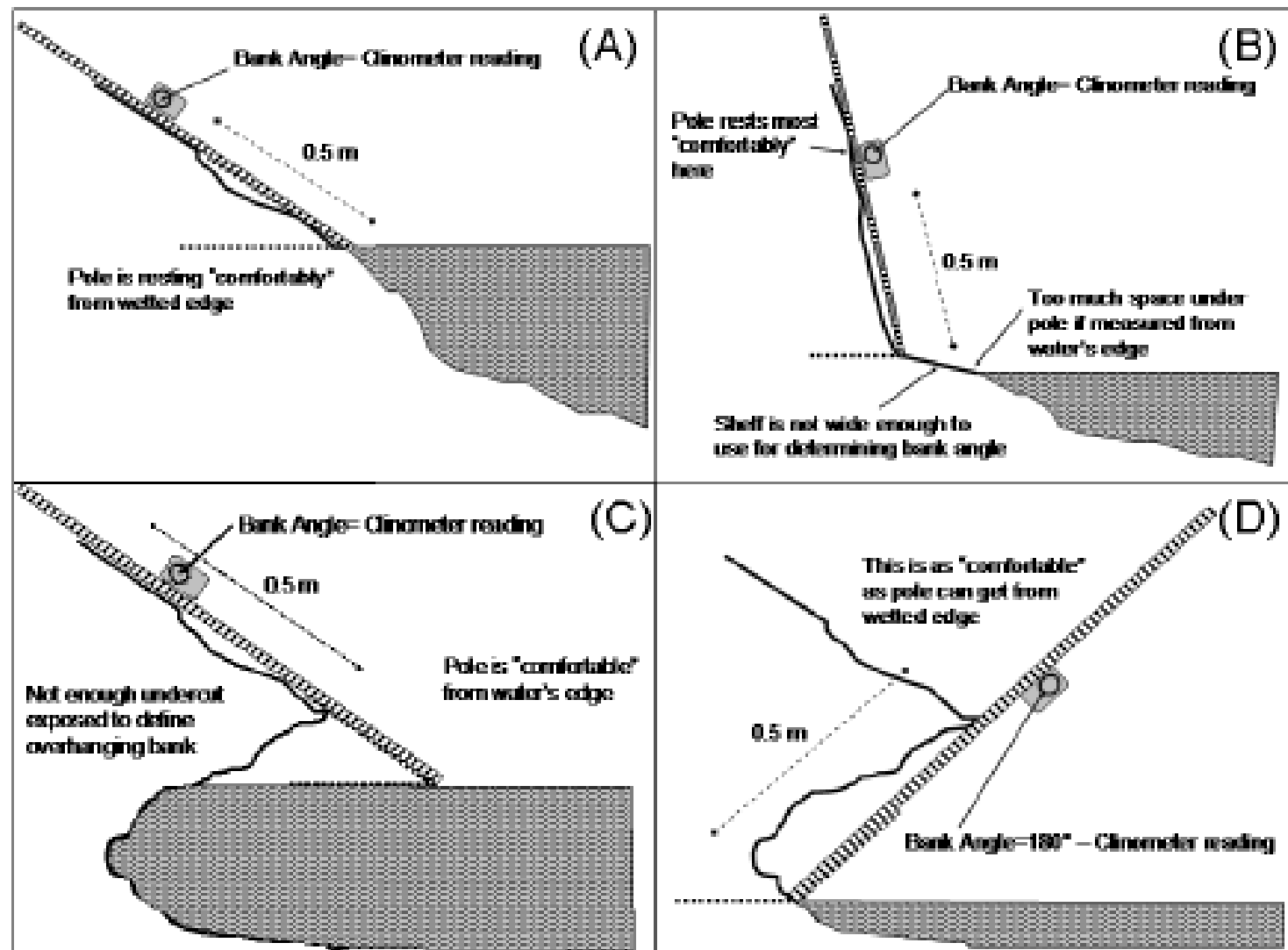




Backwater channel – to measure or not?







CA/PP/RSK 0005

Figure 6.2-8. Determining bank angle under different types of bank conditions. (A) typical, (B) incised channel, (C) undercut bank, and (D) overhanging bank.



Bar or island?





Bar or island?



Bar or island?

Where would you call  
the channel margins?





Where would you take  
a bank angle  
measurement?

