Riparian Channel Profile Data Form

Date: _____ **Shaded cells are for calculations**

Monitoring plot: _____ **Line:** _____

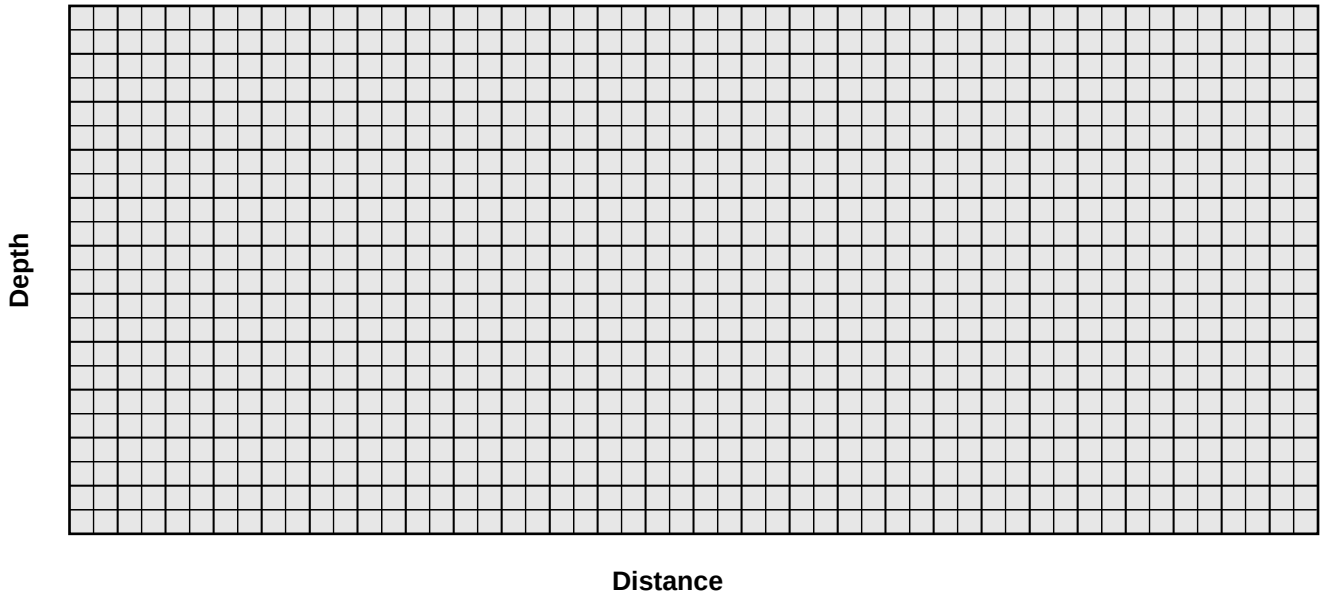
Observer: _____ **Recorder:** _____

Side of channel where line starts (N, S, E, W): _____

Tape distance always starts at "0" with a reading from where the string is tied to the rebar.
The last reading should be where the string is tied to the rebar on the opposite side of the channel.

Tape distance	Channel depth (cm)	Tape distance	Channel depth (cm)	Tape distance	Channel depth (cm)	Tape distance	Channel depth (cm)

$$\text{Bank angle (0 end)} = \frac{\text{vertical distance}}{\text{horizontal distance}} \times 100\% = \frac{\boxed{}}{\boxed{}} \times 100\% = _____\ \%$$

$$\text{Bank angle (non-0 end)} = \frac{\text{vertical distance}}{\text{horizontal distance}} \times 100\% = \frac{\boxed{}}{\boxed{}} \times 100\% = _____\ \%$$

$$\text{Width:depth ratio} = \frac{\text{width}}{\text{depth}} = \frac{\boxed{}}{\boxed{}} = _____$$