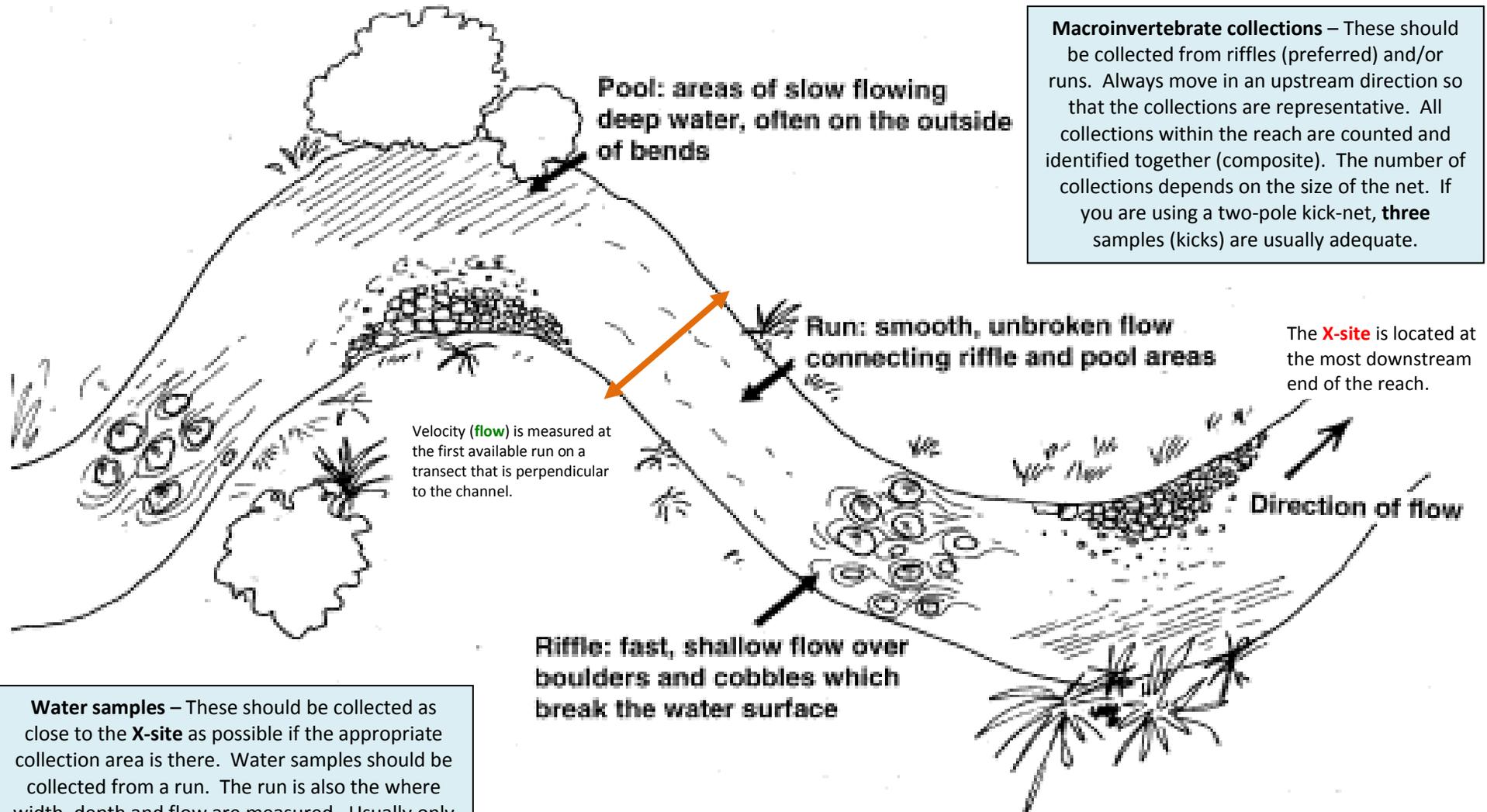


Most agencies that survey rivers and streams use **100-meters** as the reach length. Volunteers are encouraged to use the same length but other lengths are also acceptable. Most hardware or home stores sell open-reel tape measures of up to **300-feet** (100-meter open-reel tape measures are usually available from engineering supply companies). The 300-foot distance is allowable for the maximum reach length. In some cases younger volunteers may be monitoring so it is best to keep them within your line-of-sight. Certain stream-types may meander and have thick vegetation so the entire length of the reach may not be visible. Under these circumstances the length of the reach can be reduced as a safety precaution. If you reduce the reach size then it should have at least one or more of the channel features described below. The minimum length is **150-feet** but it must have riffles, pools and runs if the length is decreased.



The Stream Reach