

Names \_\_\_\_\_, \_\_\_\_\_  
Date \_\_\_\_\_, Location \_\_\_\_\_

## Riparian Buffers Data Sheet (Hone Quarry)

### Soils

Using the Soil Texturing Flow Chart and ribbon test, see if you can determine what type of soil is found in this riparian buffer. Record your answer here.

#1 \_\_\_\_\_

Using a different type of soil provided, do the ribbon test and record your estimate of soil type for this sample. #2 \_\_\_\_\_

### **Question**

**How might the soil type and quantity affect the plants and trees in this area?**

\_\_\_\_\_  
\_\_\_\_\_

### Trees

Using the tree identification guides, write down three common trees to this area:

1. \_\_\_\_\_ (Red flagging) Single seed balls, large hand shaped leaves.
2. \_\_\_\_\_ (Flagged in blue) Evergreen, rough twigs with cones less than 1".
3. \_\_\_\_\_ (Flagged in yellow) Compound leaves which give off a bad, musty smell when crushed.

### **Question:**

**What part of the tree is visible on the stream bank near the stream?** \_\_\_\_\_

**What do they do for the tree and how do they help protect the water quality of this stream?** \_\_\_\_\_

**Remember to turn this tally sheet in to your station leader before you leave this station!**