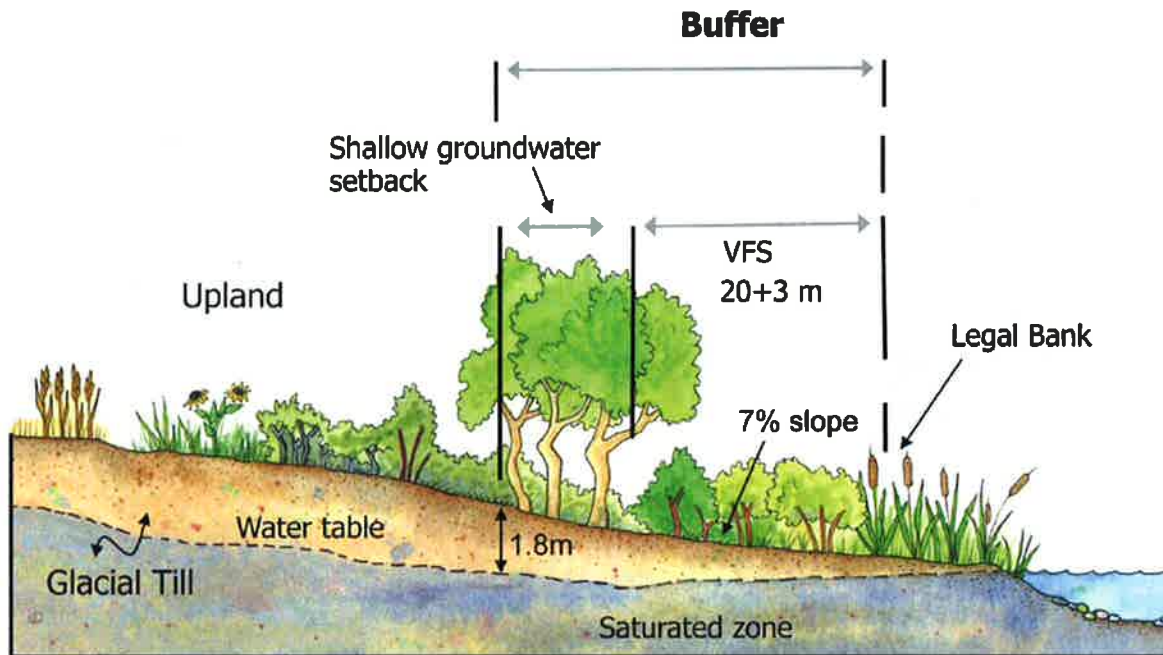


Figure 3

A lake or wetland buffer on glacial till, comprised of a vegetated filter strip (VFS), and setback for shallow groundwater.



Buffer width calculation for Figure 3

| Setback | Width (metres) |
|--|-----------------------|
| Vegetated filter strip (glacial till) | 20 |
| Slope factor, glacial till $(7 - 5) \times 1.5$ | 3 |
| Setback to avoid shallow groundwater ¹³ | 10 |
| Total buffer width | 33 |

¹³ The setback to avoid contacting shallow groundwater will vary depending on local conditions. Alternatives to a setback can be taken to avoid contacting shallow groundwater.