

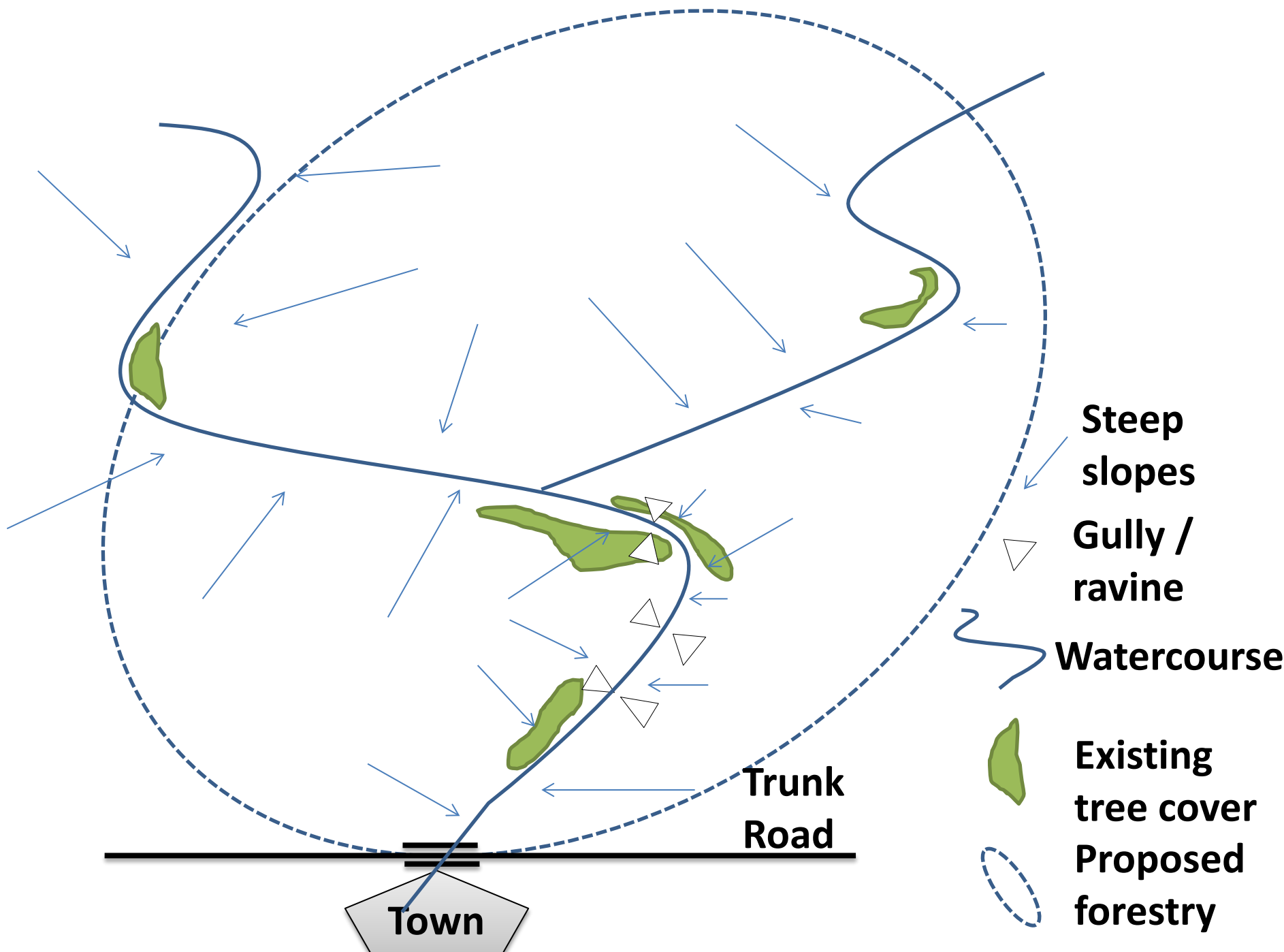
Case Study 1 – Forest Development

Proposal:

Forestry, seeking multiple benefits (RBMP), flood risk reduction, carbon sequestration and recreational uses. Most of the catchment is planned to be forested.

Catchment Description:

- Generally steep gradients facing south and west , with v steep gullies / ravines containing the watercourses especially near the lower reaches.
- Poor soils, with iron pan, little opportunity for infiltration to soils. Soils also severely compacted.
- Land use: open moorland, sheep grazing, scrubby woodland in steep gullies adjacent to water courses
- Hydrology: annual rainfall greater than 1500mm , ‘flashy’ (rapid response) catchment
- Town has numerous small bridges.



From a *flooding* perspective;

- What issues might be considered planning the forestry proposal ?
What information is available to understand flood management issues in the area ?
- What are the potential benefits ? Are there any risks ?
What mitigation may be applied to manage risks ?
- What additional information/advice be sought ? What best practise is available ?
- How might stakeholders/partners be consulted on the proposal ?
- Are there issues about terminology ?
- How are agreed plans to manage flood risk implemented.
Are there limitations ? How is this managed ?