

### Board 12: Short-List Options – Installation of Obstructions on the River Cree

#### Introduction

This option has the potential to reduce water levels within the town.

It would be achieved through the installation of obstructions on the River Cree, upstream of the town.

#### Option Discussion

Stakeholder option discussion points:

##### Advantages of Option

- Upstream of town
- Minimal construction work in urban area
- Water held back before reaching town

##### Disadvantages of Option

- Change in sediment transport dynamics in river
- Impediment to passage of protected fish species
- Harmful to local ecology

##### Other Points Raised

- Strict licensing under Environmental Regulations (CAR), which would limit this option

##### Impact on Flood Risk

- No reduction in receptors

#### Option Conclusion

Stakeholder option discussion:

- Option not progressed
- No reduction in properties flooded
- Potential for morphological change to be introduced
- Significant ecological concerns



Figure 12-1: River Cree Upstream of Newton Stewart

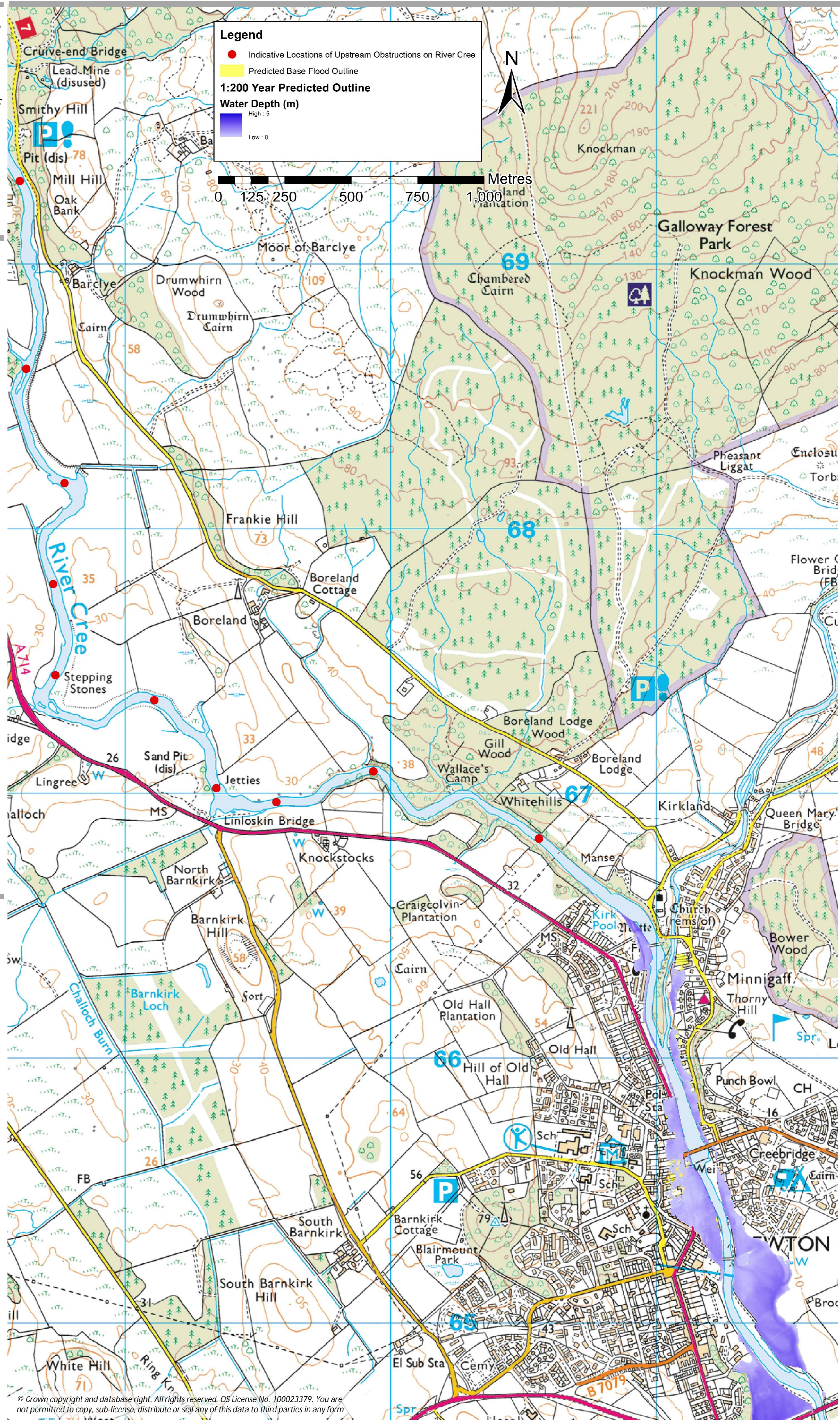


Figure 12-2: 1:200 Year Predicted Flood Outline – Installation of Obstructions on River Cree