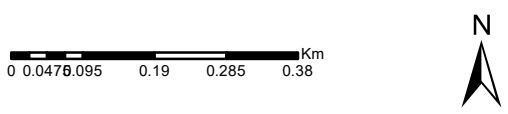


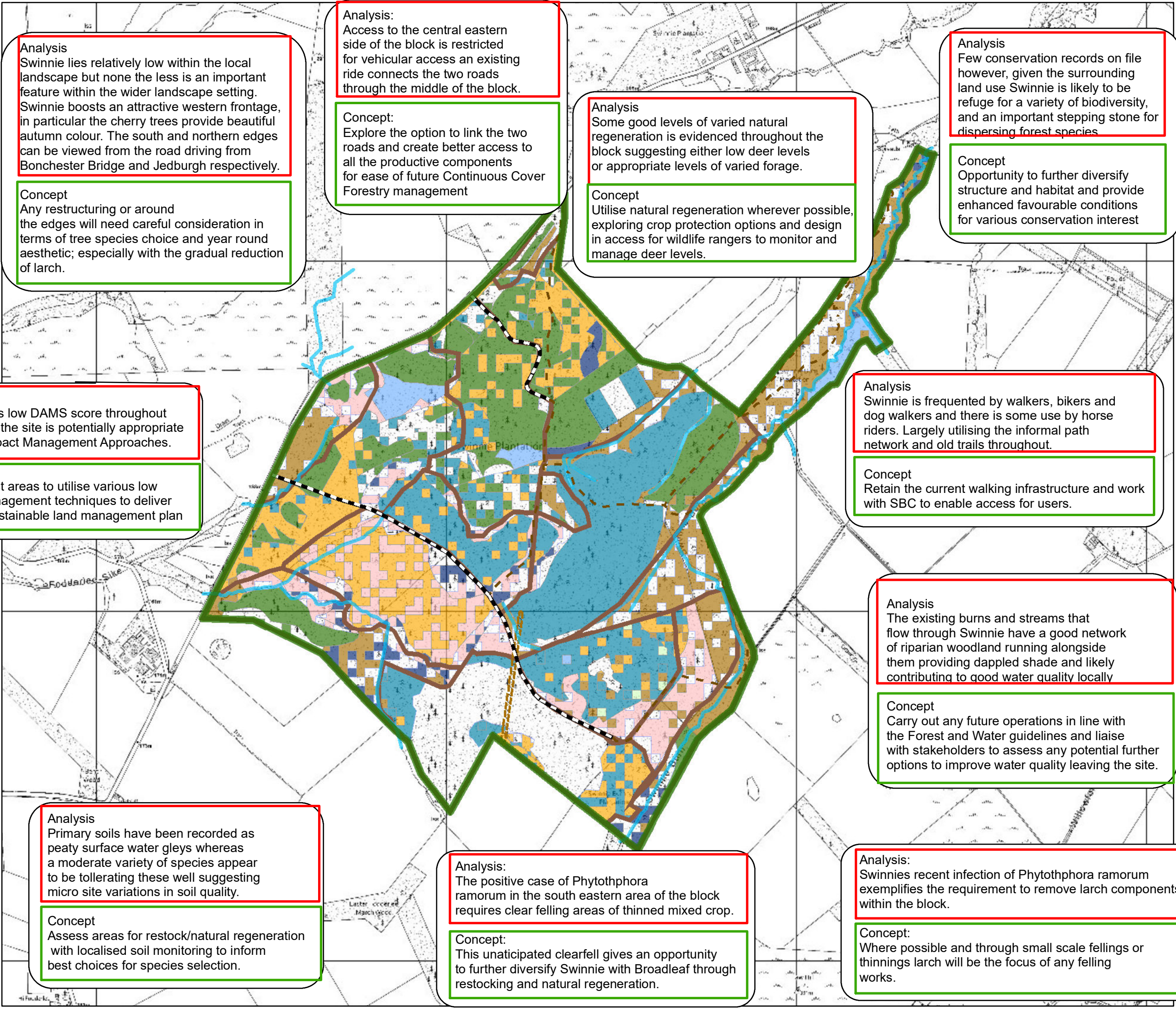
Swinnie
Map 3:
Analysis and Concept

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 Scale @ A3: 1:10,000
 Date: 20/03/2023

- Legend**
- Swinnie Block
 - Forest Roads
 - ViewPoint
 - Trails
 - Watercourses
 - Heritage feature
 - Existing Management Coupes
 - Birch
 - Oak
 - Other Broadleaves
 - Other Conifers
 - Douglas Fir
 - Larch
 - Norway Spruce
 - Scots Pine
 - Sitka Spruce
 - Open/Felled



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Analysis
 Swinnie lies relatively low within the local landscape but none the less is an important feature within the wider landscape setting. Swinnie boasts an attractive western frontage, in particular the cherry trees provide beautiful autumn colour. The south and northern edges can be viewed from the road driving from Bonchester Bridge and Jedburgh respectively.

Concept
 Any restructuring or around the edges will need careful consideration in terms of tree species choice and year round aesthetic; especially with the gradual reduction of larch.

Analysis:
 Access to the central eastern side of the block is restricted for vehicular access an existing ride connects the two roads through the middle of the block.

Concept:
 Explore the option to link the two roads and create better access to all the productive components for ease of future Continuous Cover Forestry management

Analysis
 Some good levels of varied natural regeneration is evidenced throughout the block suggesting either low deer levels or appropriate levels of varied forage.

Concept
 Utilise natural regeneration wherever possible, exploring crop protection options and design in access for wildlife rangers to monitor and manage deer levels.

Analysis
 Few conservation records on file however, given the surrounding land use Swinnie is likely to be refuge for a variety of biodiversity, and an important stepping stone for dispersing forest species

Concept
 Opportunity to further diversify structure and habitat and provide enhanced favourable conditions for various conservation interest

Analysis:
 Swinnie has low DAMS score throughout suggesting the site is potentially appropriate for Low Impact Management Approaches.

Concept:
 Assess best areas to utilise various low impact management techniques to deliver a robust sustainable land management plan

Analysis
 Swinnie is frequented by walkers, bikers and dog walkers and there is some use by horse riders. Largely utilising the informal path network and old trails throughout.

Concept
 Retain the current walking infrastructure and work with SBC to enable access for users.

Analysis
 The existing burns and streams that flow through Swinnie have a good network of riparian woodland running alongside them providing dappled shade and likely contributing to good water quality locally

Concept
 Carry out any future operations in line with the Forest and Water guidelines and liaise with stakeholders to assess any potential further options to improve water quality leaving the site.

Analysis
 Primary soils have been recorded as peaty surface water gleys whereas a moderate variety of species appear to be tolerating these well suggesting micro site variations in soil quality.

Concept
 Assess areas for restock/natural regeneration with localised soil monitoring to inform best choices for species selection.

Analysis:
 The positive case of Phytophthora ramorum in the south eastern area of the block requires clear felling areas of thinned mixed crop.

Concept:
 This unanticipated clearfell gives an opportunity to further diversify Swinnie with Broadleaf through restocking and natural regeneration.

Analysis:
 Swinnies recent infection of Phytophthora ramorum exemplifies the requirement to remove larch components within the block.

Concept:
 Where possible and through small scale fellings or thinnings larch will be the focus of any felling works.