


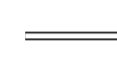

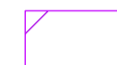



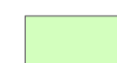


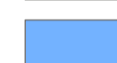




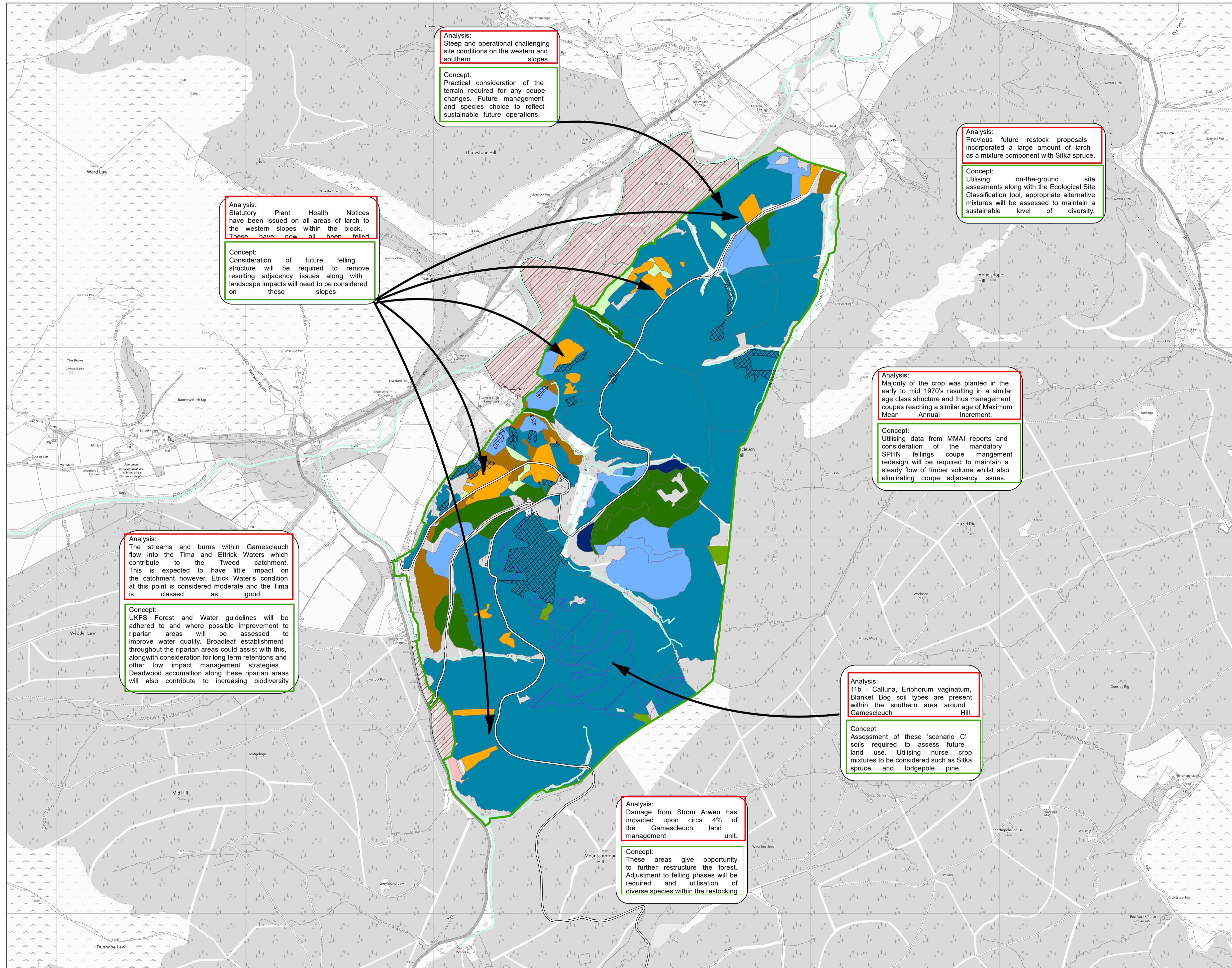
**Gamescleuch
Map 3:
Analysis and Concept**

Author: Tom Harvey

Scale @ A1: 1:10,000

Date: 16/03/2022

-  storm_damage
-  Gamescleuch LMP Area
-  Community Asset Transfer Scheme
-  Forest Roads
-  Watercourses
-  Scenario C soils
-  Birch
-  Other Broadleaves
-  Other Conifers
-  Douglas Fir
-  Larch
-  Lodgepole Pine
-  Norway Spruce
-  Scots Pine
-  Sitka Spruce



Analysis:
Steep and operational challenging site conditions on the western and southern slopes.

Concept:
Practical consideration of the terrain required for any coupe changes. Future management and species choice to reflect sustainable future operations.

Analysis:
Statutory Plant Health Notices have been issued on all areas of larch to the western slopes within the block. These have now all been felled.

Concept:
Consideration of future felling structure will be required to remove resulting adjacency issues along with landscape impacts will need to be considered on these slopes.

Analysis:
Previous future restock proposals incorporated a large amount of larch as a mixture component with Sitka spruce.

Concept:
Utilising on-the-ground site assessments along with the Ecological Site Classification tool, appropriate alternative mixtures will be assessed to maintain a sustainable level of diversity.

Analysis:
Majority of the crop was planted in the early to mid 1970's resulting in a similar age class structure and thus management coupes reaching a similar age of Maximum Mean Annual Increment.

Concept:
Utilising data from MMAI reports and consideration of the mandatory SPHN felling coupes management redesign will be required to maintain a steady flow of timber volume whilst also eliminating coupe adjacency issues.

Analysis:
The streams and burns within Gamescleuch flow into the Tima and Etrick Waters which contribute to the Tweed catchment. This is expected to have little impact on the catchment however, Etrick Water's condition at this point is considered moderate and the Tima is classed as good.

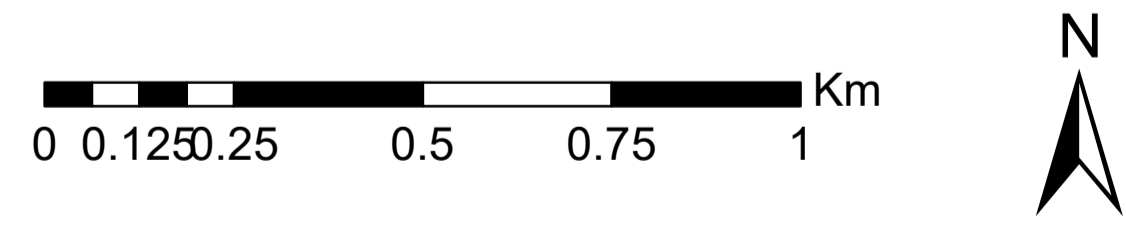
Concept:
UKFS Forest and Water guidelines will be adhered to and where possible improvement to riparian areas will be assessed to improve water quality. Broadleaf establishment throughout the riparian areas could assist with this, alongside consideration for long term retentions and other low impact management strategies. Deadwood accumulation along these riparian areas will also contribute to increasing biodiversity.

Analysis:
11b - Calluna, Eriophorum vaginatum, Blanket Bog soil types are present within the southern area around Gamescleuch Hill.

Concept:
Assessment of these 'scenario C' soils required to assess future land use. Utilising nurse crop mixtures to be considered such as Sitka spruce and lodgepole pine.

Analysis:
Damage from Strom Arwen has impacted upon circa 4% of the Gamescleuch land management unit.

Concept:
These areas give opportunity to further restructure the forest. Adjustment to felling phases will be required and utilisation of diverse species within the restocking.



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