















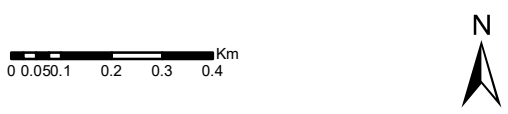


Map 5.11 Peatland Management Summary Map

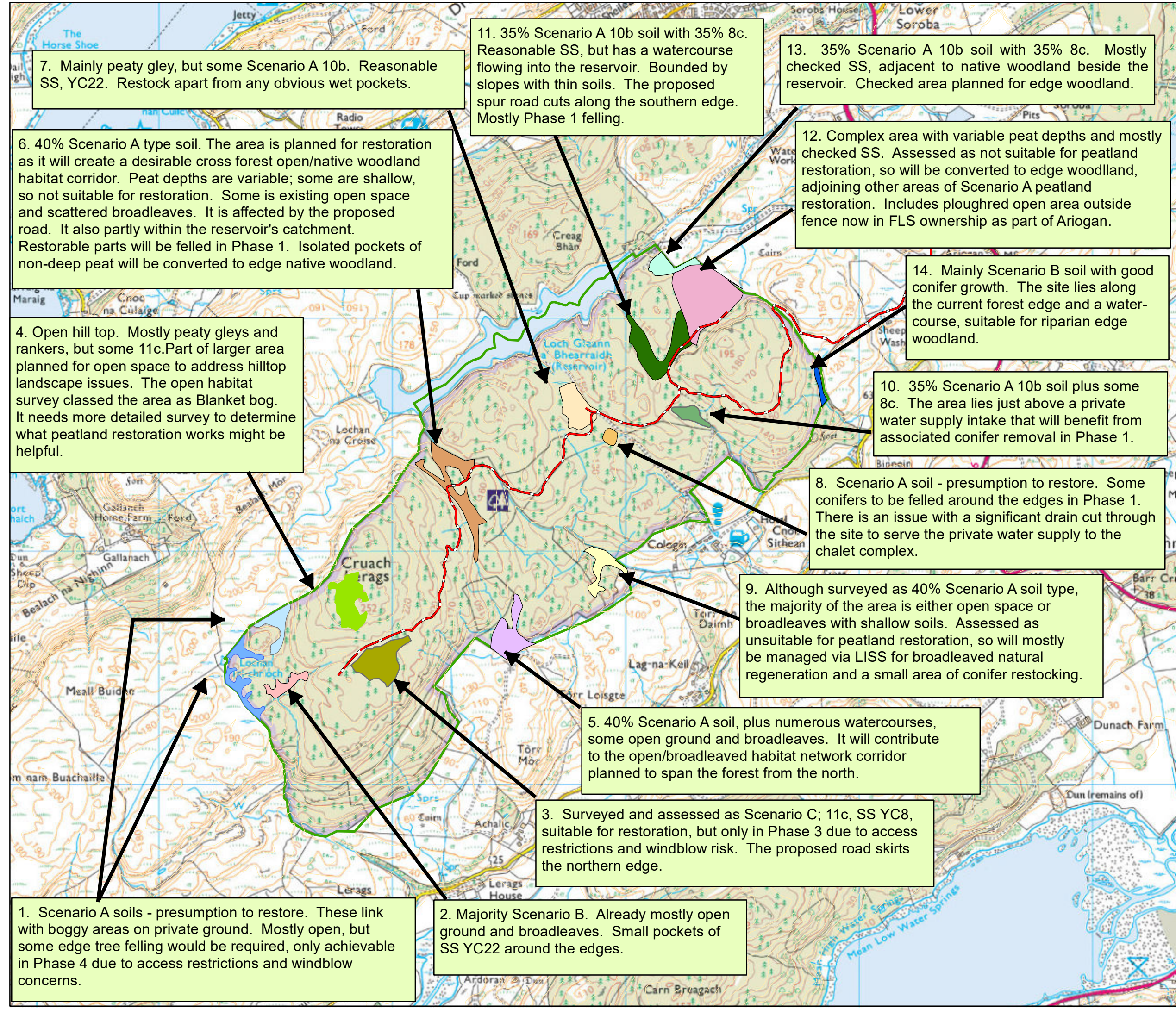
Author: R.Wilson
 Scale @ A3: 1:15,000
 Date: 01/05/2024

Legend

-  proposed roads
-  60% 8b 40% 7
-  11c restore
-  Surveyed as 11c
-  10b
-  10b_35%_8c_35%_6l_30%
-  10b_35%_8c_35%_6_30%
-  10b_35%_8c_35%_6_30%
-  8d 80% 10b 20%
-  10b_80% 8d 20%
-  60% 6l 20% 10b 20% 8c
-  40% 8b 40% 10b (20% 6lf)
-  8b_40%_6_40%_7_20%
-  40% 8c 40% 10b (20% 6lf)
-  40% 6le 40% 11b (20% 13g)
-  60% 8b 40% 6lpf



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7. Mainly peaty gley, but some Scenario A 10b. Reasonable SS, YC22. Restock apart from any obvious wet pockets.

6. 40% Scenario A type soil. The area is planned for restoration as it will create a desirable cross forest open/native woodland habitat corridor. Peat depths are variable; some are shallow, so not suitable for restoration. Some is existing open space and scattered broadleaves. It is affected by the proposed road. It also partly within the reservoir's catchment. Restorable parts will be felled in Phase 1. Isolated pockets of non-deep peat will be converted to edge native woodland.

4. Open hill top. Mostly peaty gleys and rankers, but some 11c. Part of larger area planned for open space to address hilltop landscape issues. The open habitat survey classed the area as Blanket bog. It needs more detailed survey to determine what peatland restoration works might be helpful.

1. Scenario A soils - presumption to restore. These link with boggy areas on private ground. Mostly open, but some edge tree felling would be required, only achievable in Phase 4 due to access restrictions and windblow concerns.

11. 35% Scenario A 10b soil with 35% 8c. Reasonable SS, but has a watercourse flowing into the reservoir. Bounded by slopes with thin soils. The proposed spur road cuts along the southern edge. Mostly Phase 1 felling.

5. 40% Scenario A soil, plus numerous watercourses, some open ground and broadleaves. It will contribute to the open/broadleaved habitat network corridor planned to span the forest from the north.

3. Surveyed and assessed as Scenario C; 11c, SS YC8, suitable for restoration, but only in Phase 3 due to access restrictions and windblow risk. The proposed road skirts the northern edge.

2. Majority Scenario B. Already mostly open ground and broadleaves. Small pockets of SS YC22 around the edges.

13. 35% Scenario A 10b soil with 35% 8c. Mostly checked SS, adjacent to native woodland beside the reservoir. Checked area planned for edge woodland.

12. Complex area with variable peat depths and mostly checked SS. Assessed as not suitable for peatland restoration, so will be converted to edge woodland, adjoining other areas of Scenario A peatland restoration. Includes ploughed open area outside fence now in FLS ownership as part of Ariogan.

14. Mainly Scenario B soil with good conifer growth. The site lies along the current forest edge and a watercourse, suitable for riparian edge woodland.

10. 35% Scenario A 10b soil plus some 8c. The area lies just above a private water supply intake that will benefit from associated conifer removal in Phase 1.

8. Scenario A soil - presumption to restore. Some conifers to be felled around the edges in Phase 1. There is an issue with a significant drain cut through the site to serve the private water supply to the chalet complex.

9. Although surveyed as 40% Scenario A soil type, the majority of the area is either open space or broadleaves with shallow soils. Assessed as unsuitable for peatland restoration, so will mostly be managed via LISS for broadleaved natural regeneration and a small area of conifer restocking.