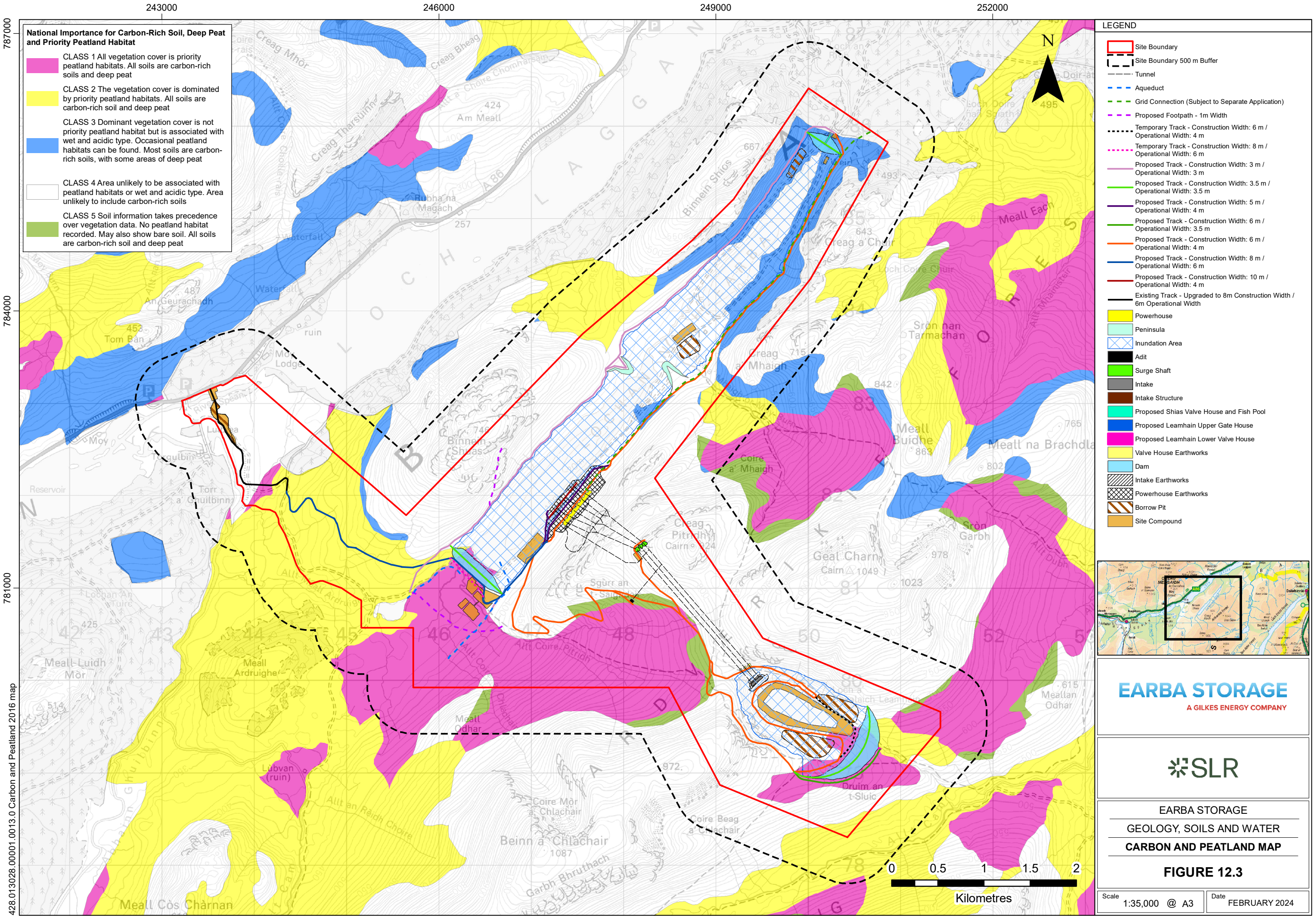




National Importance for Carbon-Rich Soil, Deep Peat and Priority Peatland Habitat

CLASS 1 All vegetation cover is priority peatland habitats. All soils are carbon-rich soils and deep peat

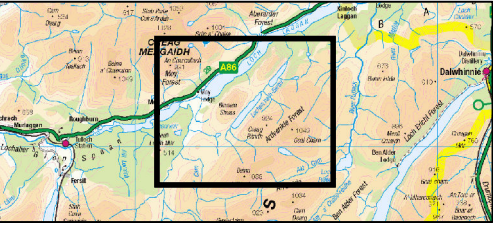
CLASS 2 The vegetation cover is dominated by priority peatland habitats. All soils are carbon-rich soil and deep peat

CLASS 3 Dominant vegetation cover is not priority peatland habitat but is associated with wet and acidic type. Occasional peatland habitats can be found. Most soils are carbon-rich soils, with some areas of deep peat

CLASS 4 Area unlikely to be associated with peatland habitats or wet and acidic type. Area unlikely to include carbon-rich soils

CLASS 5 Soil information takes precedence over vegetation data. No peatland habitat recorded. May also show bare soil. All soils are carbon-rich soil and deep peat

- LEGEND**
- Site Boundary
 - Site Boundary 500 m Buffer
 - Tunnel
 - Aqueduct
 - Grid Connection (Subject to Separate Application)
 - Proposed Footpath - 1m Width
 - Temporary Track - Construction Width: 6 m / Operational Width: 4 m
 - Temporary Track - Construction Width: 8 m / Operational Width: 6 m
 - Proposed Track - Construction Width: 3 m / Operational Width: 3 m
 - Proposed Track - Construction Width: 3.5 m / Operational Width: 3.5 m
 - Proposed Track - Construction Width: 5 m / Operational Width: 4 m
 - Proposed Track - Construction Width: 6 m / Operational Width: 3.5 m
 - Proposed Track - Construction Width: 6 m / Operational Width: 4 m
 - Proposed Track - Construction Width: 8 m / Operational Width: 6 m
 - Proposed Track - Construction Width: 10 m / Operational Width: 4 m
 - Existing Track - Upgraded to 8m Construction Width / 6m Operational Width
 - Powerhouse
 - Peninsula
 - Inundation Area
 - Adit
 - Surge Shaft
 - Intake
 - Intake Structure
 - Proposed Shias Valve House and Fish Pool
 - Proposed Leamhain Upper Gate House
 - Proposed Leamhain Lower Valve House
 - Valve House Earthworks
 - Dam
 - Intake Earthworks
 - Powerhouse Earthworks
 - Borrow Pit
 - Site Compound



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GEOLOGY, SOILS AND WATER
CARBON AND PEATLAND MAP

FIGURE 12.3

Scale 1:35,000 @ A3 Date FEBRUARY 2024