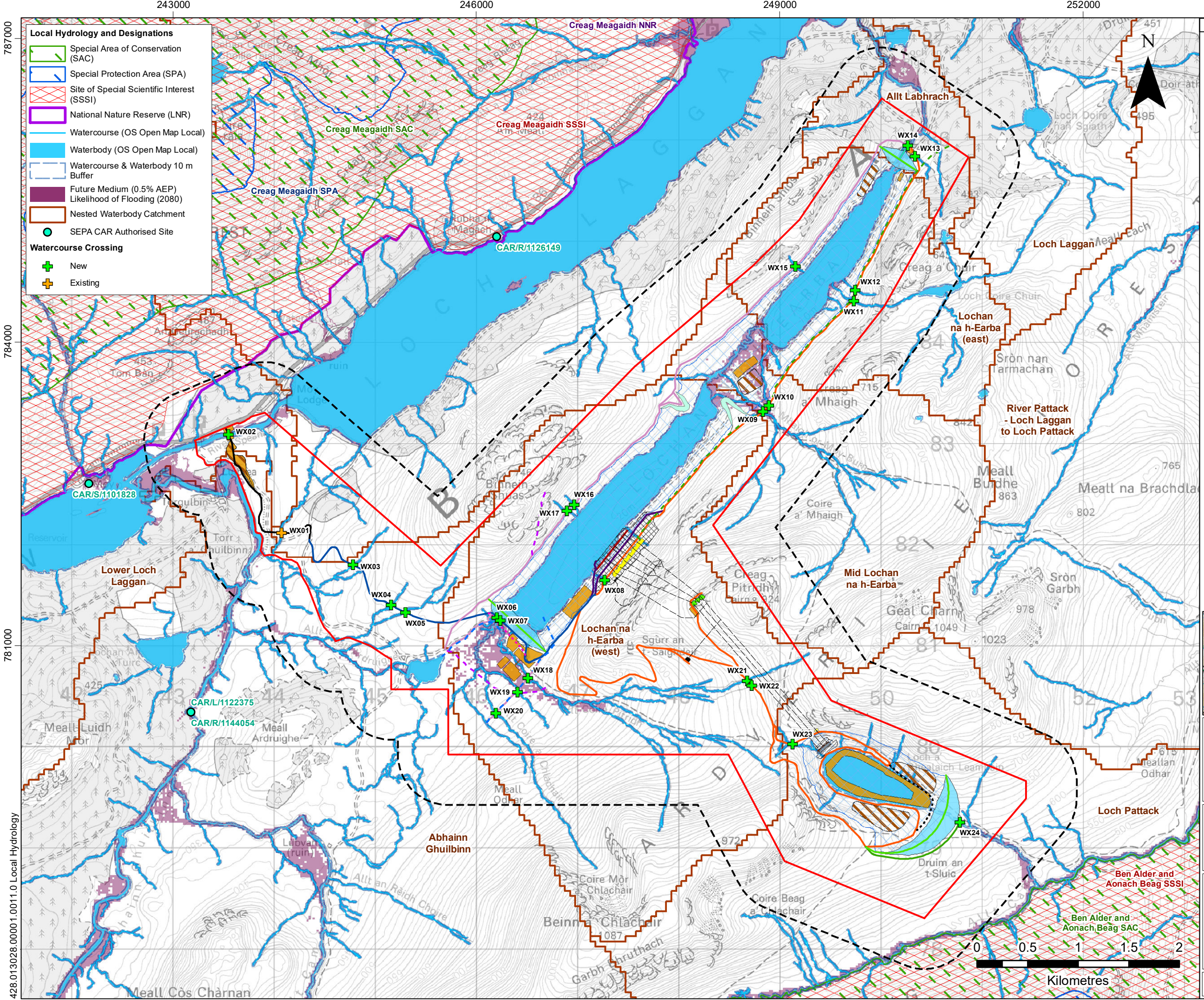




Local Hydrology and Designations

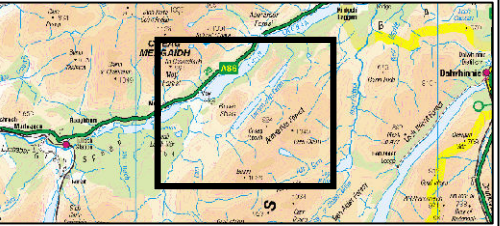
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)
- Watercourse (OS Open Map Local)
- Waterbody (OS Open Map Local)
- Watercourse & Waterbody 10 m Buffer
- Future Medium (0.5% AEP) Likelihood of Flooding (2080)
- Nested Waterbody Catchment
- SEPA CAR Authorised Site

Watercourse Crossing

- New
- Existing

LEGEND

- Site Boudary
- 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



EARBA STORAGE
A GILKES ENERGY COMPANY

SLR

EARBA STORAGE
GEOLOGY, SOILS AND WATER
LOCAL HYDROLOGY

FIGURE 12.1

Scale 1:35,000 @ A3 Date FEBRUARY 2024