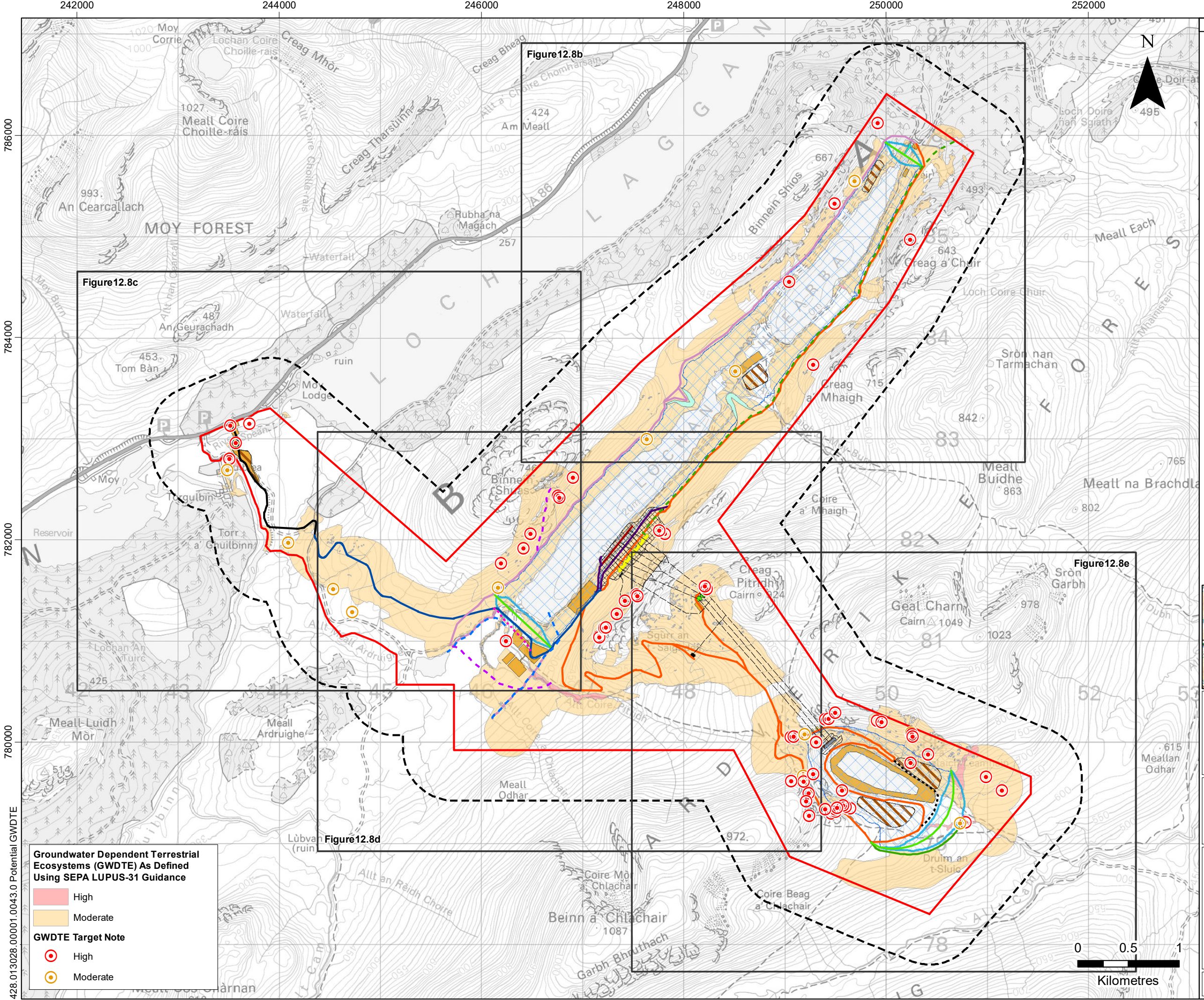




LEGEND

- 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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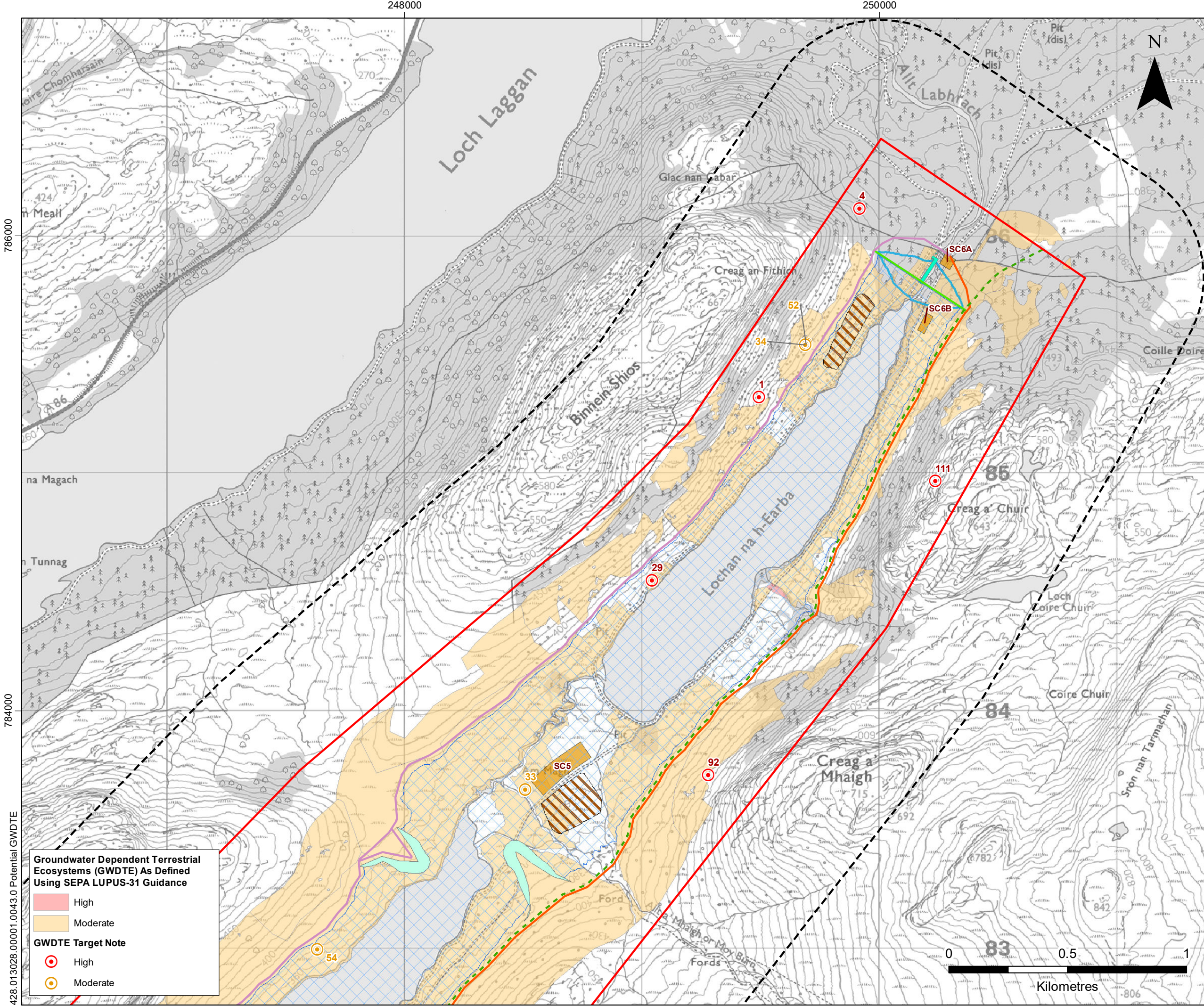
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**POTENTIAL GWDTE HABITATS
WITH PROPOSED
INFRASTRUCTURE OVERLAIN**

FIGURE 8.4a

Scale 1:35,000 @ A3

Date FEBRUARY 2024



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

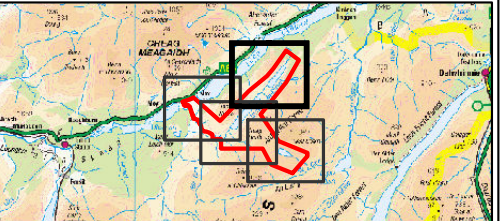
Dam

Intake Earthworks

Powerhouse Earthworks

Borrow Pit

Site Compound



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WITH PROPOSED
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FIGURE 8.4b

Scale
1:15,000 @ A3

Date
FEBRUARY 2024

Groundwater Dependent Terrestrial
Ecosystems (GWDTE) As Defined
Using SEPA LUPUS-31 Guidance

High

Moderate

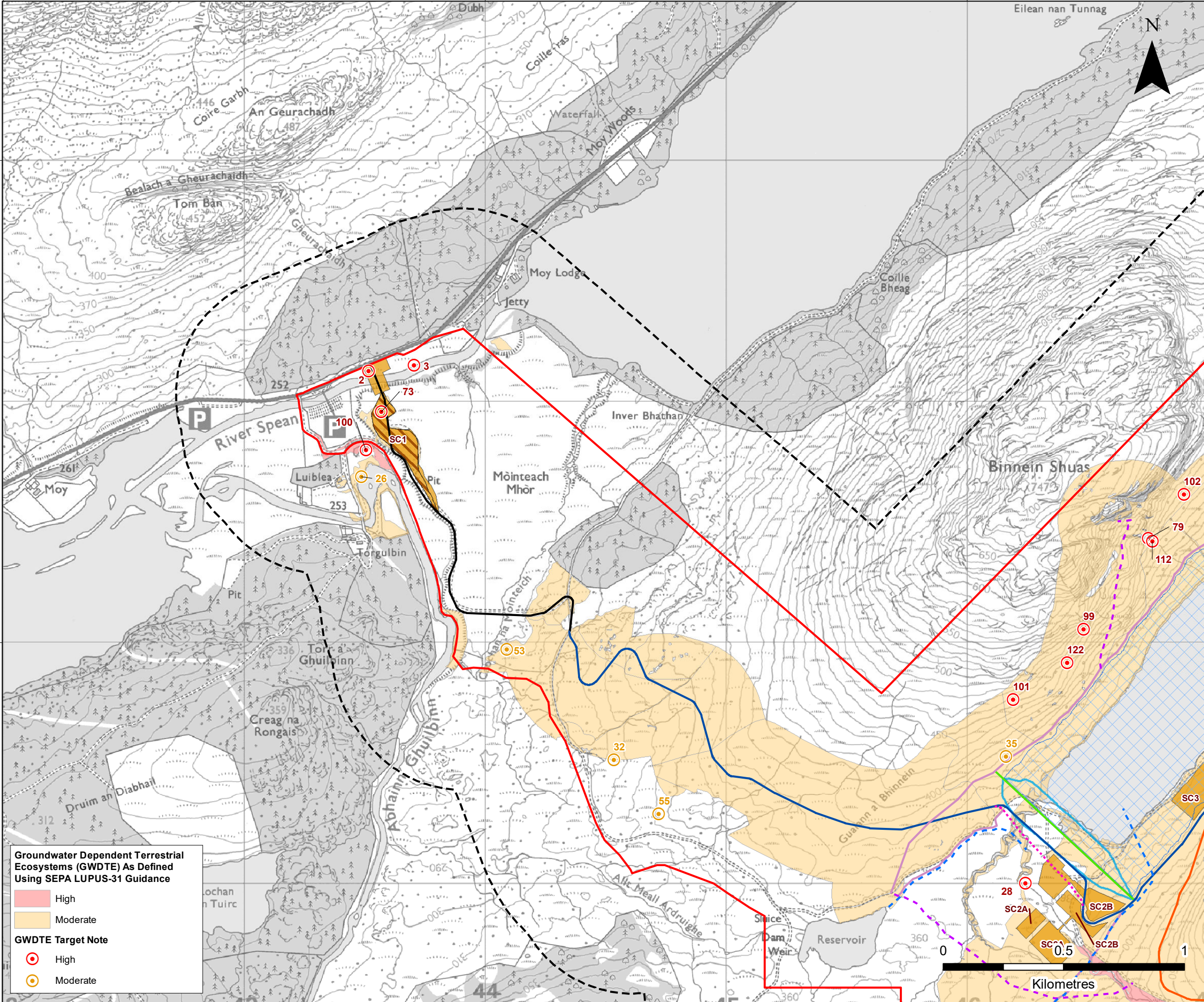
GWDTE Target Note

High

Moderate

248000 250000 786000 784000 428.013028.00001.0043.0 Potential GWDTE

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Groundwater Dependent Terrestrial Ecosystems (GWDTE) As Defined Using SEPA LUPUS-31 Guidance

High

Moderate

GWDTE Target Note

High

Moderate

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

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Proposed Track - Construction Width: 5 m / Operational Width: 4 m

Proposed Track - Construction Width: 6 m / Operational Width: 3.5 m

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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

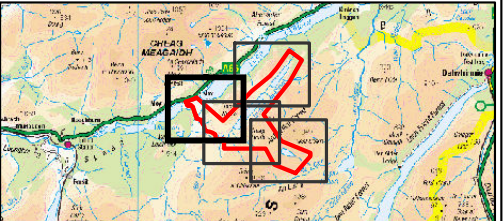
Dam

Intake Earthworks

Powerhouse Earthworks

Borrow Pit

Site Compound



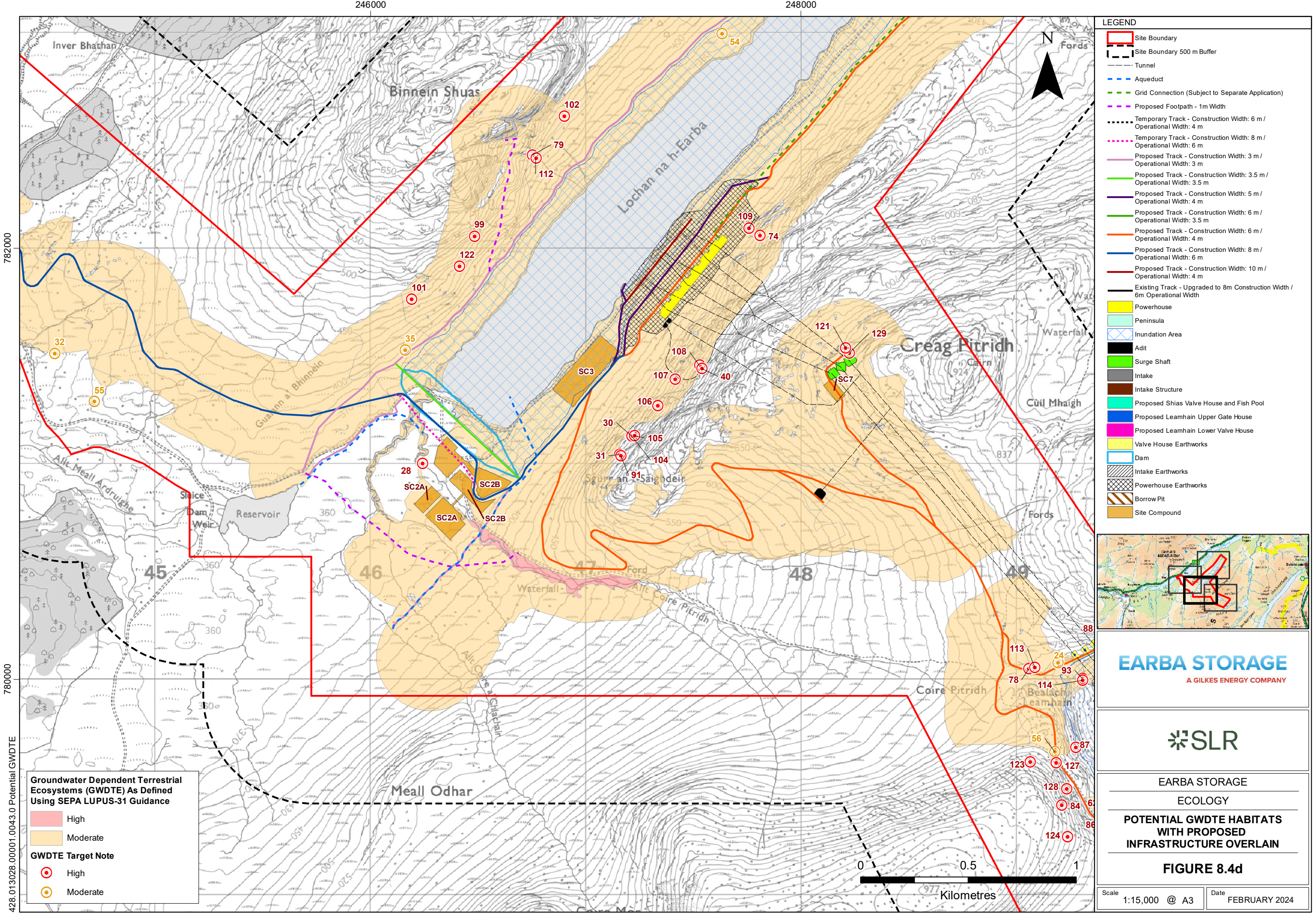
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POTENTIAL GWDTE HABITATS
WITH PROPOSED
INFRASTRUCTURE OVERLAIN

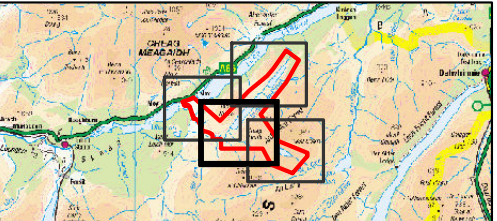
FIGURE 8.4c

Scale 1:15,000 @ A3 Date FEBRUARY 2024



LEGEND

- Site Boundary
- Site Boundary 500 m Buffer
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- Proposed Track - Construction Width: 6 m / Operational Width: 3.5 m
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**POTENTIAL GWDTE HABITATS
WITH PROPOSED
INFRASTRUCTURE OVERLAIN**

FIGURE 8.4d

Scale 1:15,000 @ A3 Date FEBRUARY 2024

