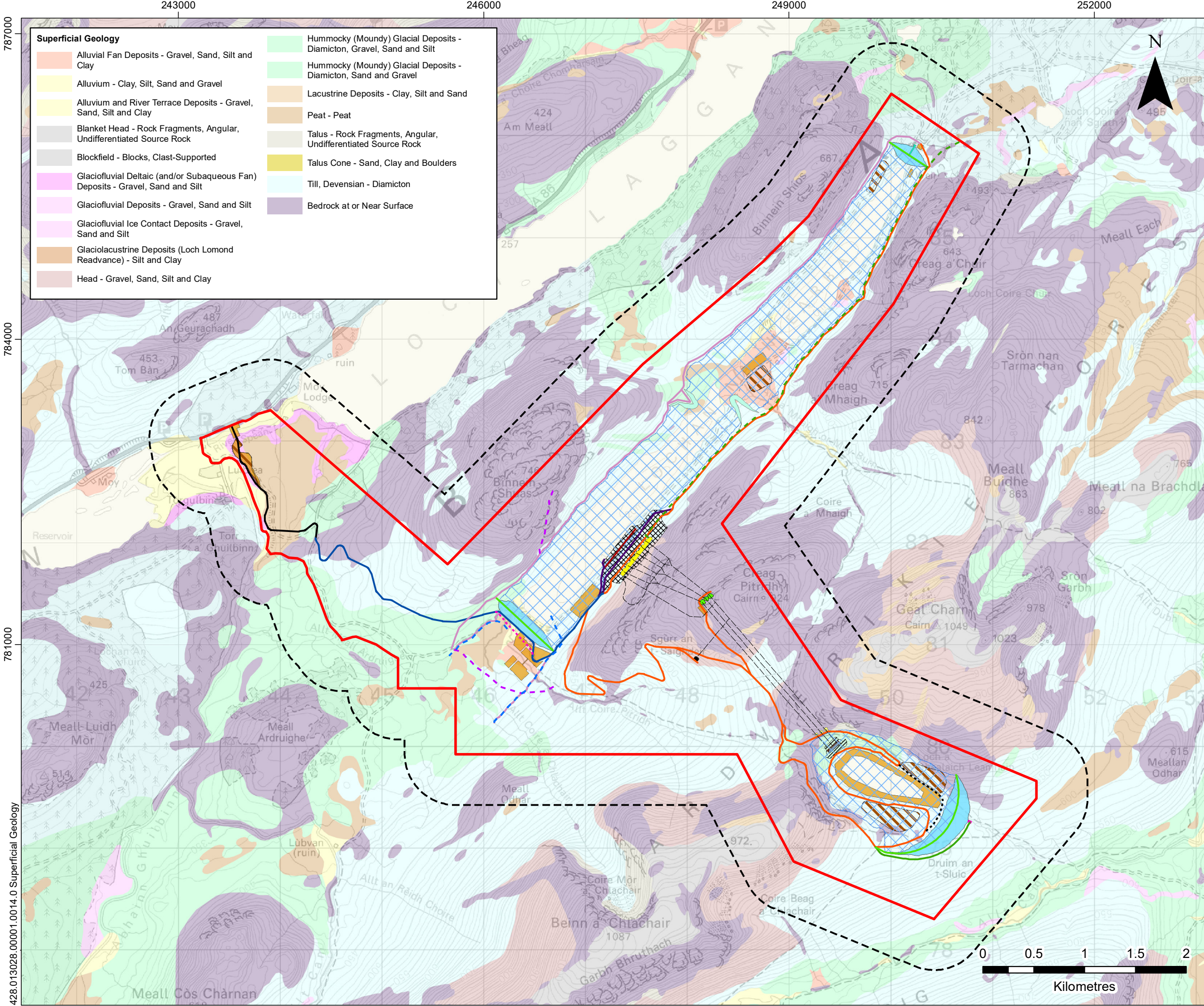
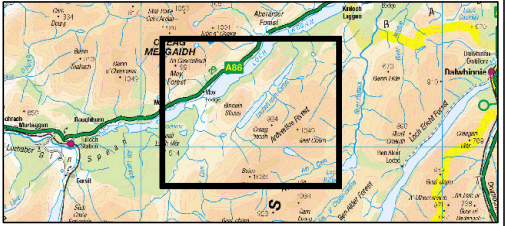




Superficial Geology	
Alluvial Fan Deposits - Gravel, Sand, Silt and Clay	Hummocky (Moundy) Glacial Deposits - Diamicton, Gravel, Sand and Silt
Alluvium - Clay, Silt, Sand and Gravel	Hummocky (Moundy) Glacial Deposits - Diamicton, Sand and Gravel
Alluvium and River Terrace Deposits - Gravel, Sand, Silt and Clay	Lacustrine Deposits - Clay, Silt and Sand
Blanket Head - Rock Fragments, Angular, Undifferentiated Source Rock	Peat - Peat
Blockfield - Blocks, Clast-Supported	Talus - Rock Fragments, Angular, Undifferentiated Source Rock
Glaciofluvial Deltaic (and/or Subaqueous Fan) Deposits - Gravel, Sand and Silt	Talus Cone - Sand, Clay and Boulders
Glaciofluvial Deposits - Gravel, Sand and Silt	Till, Devensian - Diamicton
Glaciofluvial Ice Contact Deposits - Gravel, Sand and Silt	Bedrock at or Near Surface
Glaciolacustrine Deposits (Loch Lomond Readvance) - Silt and Clay	
Head - Gravel, Sand, Silt and Clay	

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	



EARBA STORAGE
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GEOLOGY, SOILS AND WATER
SUPERFICIAL GEOLOGY

FIGURE 12.4

Scale 1:35,000 @ A3

Date FEBRUARY 2024