



Key

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|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Site Boundary | Operational Access Track Within SAC |
| Site Boundary 500 m Buffer | Temporary Construction Access Track (8m Wide Running Surface) |
| Development Area | Inlet / Outlet Excavation |
| Loch Kemp Surface Area (Existing) | Dam |
| Maximum Inundation Area (Upper Reservoir) | Superficial Geology |
| Powerhouse Building | Alluvium - Clay, Silt, Sand and Gravel |
| Powerhouse Platform, Quayside and Pier | Alluvium - Sand, Gravel and Boulders |
| Temporary Laydown Area | Hummocky (Moundy) Glacial Deposits, Devensian - Diamicton, Sand and Gravel |
| Main Welfare Compound | Lacustrine Deltaic Deposits - Gravel, Sand and Silt |
| Indicative Borrow Pit Excavation | Lacustrine Shoreface and Beach Deposits - Gravel, Sand, Silt and Clay |
| Access Tunnel Adit | Peat - Peat |
| Relocated Estate Fishing Lodge | Raised Lacustrine Gravel Beach |
| Cable Shaft | Deposits - Sand, Gravel and Boulders |
| Surge Shaft | Till - Diamicton |
| Control Kiosk | Till, Devensian - Diamicton |
| Potential Borrow Pit | Bedrock at or Near Surface |
| Temporary Site Compound | |
| Security Compound | |
| Temporary Cofferdam | |
| Inlet / Outlet Structure | |
| Underground Tunnel | |
| New Estate Water Supply | |
| Construction and Operational Access Track (4m Wide Running Surface) | |
| Construction and Operational Access Track (8m Wide Running Surface, Reinstated to 4m Where Feasible) | |

- Advanced Works**
- Fenced Native Woodland Natural Regeneration Areas (Pre-Construction)
- Associated Works**
- 275 kV Switching Station*
 - 275 kV Cable Trench*
 - Switching Station Access*

*Associated works subject to separate consent. Footprints show indicative locations / routes only.

**Loch Kemp Storage
EIA Report**

**Figure 14.4
Superficial Geology**

Drawn by: SLR Date: 14/11/2023
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Loch Kemp Storage
A STATERA COMPANY