

# >> Hydrology and Peat Update

## HYDROLOGY AND PEAT

A Phase 1 peat survey was conducted. A total of 506 locations across the site were probed with a maximum depth of 5m. Over 40% of the probed locations found that the present soil was not classed as peat. A further 27.3% were classified as shallow peat up to 1m deep. Areas of peat greater than 1m deep will be avoided where possible (and where not, peat will be reused on site). The adjacent map shows the distribution of peat depths across the site.

Infrastructure was then designed to avoid the deepest areas whilst representing a cohesive design that works from a technical and commercial point of view also. Note the orange road which goes through the deepest peat, is already part of the forest road network.

A Peat Management Plan is currently being worked up, and Habitat Management Proposals will suggest a peat restoration project on The Slate, where bare peat faces are partially eroded. This will represent a net habitat gain and contribute positively towards carbon balance.

