

# Alt Domhain Developable Area

## SITE CONSIDERATIONS

The design evolution process of Alt Domhain has sought to understand all environmental, historic, and topographical aspects of the site area. Data was collected through initial desktop study, and subsequently through targeted surveys of the main wind farm area and along proposed site access tracks. All gathered data has been assessed and compiled into a geographical information system to inform the allocation of a developable area. This enables all factors to be considered and impacts assessed continuously throughout the design evolution of the proposed wind farm.

### Peat

Peat condition and depth surveys have been conducted in multiple phases as site layout and access track design evolves. The below figure displays the results of the final phase of peat depth survey, completed once the final design was frozen. Assessments to understand the condition of the peat have also been undertaken. Standardised national peat classification initially classed the peat within the wind farm area to be graded class 1, however, subsequent condition surveys completed throughout the design process have concluded that the site is subject to extensive drainage, resulting in significant areas of dried out peatland which would not be considered class 1.

In addition to assessments informing the developable area of the site they have also informed the habitat management and enhancement plan. The area around turbine 2, to the north-east of the site has been identified as a area of significantly degraded peat, well suited to peatland enhancement.



### Cultural Heritage

There are statutorily designated cultural heritage assets in proximity to the proposed site, namely Blary dun and Garvalt dun. These assets have been considered throughout the design process. It has been assessed that most significant impact upon cultural heritage assets will occur during the construction phase as assets are positioned within close proximity to the proposed access route to site. As such receptors would experience only temporary significant adverse effects.